APRIL 1983 / VOLUME 63 NUMBER 4

SURVEY OF CURRENT BUSINESS

UNITED STATES DEPARTMENT OF COMMERCE / BUREAU OF ECONOMIC ANALYSIS

APRIL 1983 / VOLUME 63 NUMBER 4

SURVEY OF CURRENT BUSINESS

CONTENTS

THE BUSINESS SITUATION 1

Summary of BEA Working Paper 11

National Income and Product Accounts Tables 12

Gross Product by Industry, 1982 23

Federal Budget Developments 24

Personal Income and Adjusted Gross Income, 1977–81 28

State Personal Income, 1977–82 34

County and Metropolitan Area Personal Income, 1979–81 39

CURRENT BUSINESS STATISTICS

General S1

Industry S19

Footnotes S33

Subject Index (*Inside Back Cover*)

U.S. Department of Commerce

Malcolm Baldrige / *Secretary*

Robert G. Dederick / *Under Secretary for Economic Affairs*

Bureau of Economic Analysis

George Jaszi / *Director*

Allan H. Young / *Deputy Director*

Carol S. Carson / *Editor-in-Chief, Survey of Current Business*

***Manuscript Editor:* Dannelet A. Grosvenor**

***Managing Editor:* Patti A. Trujillo**

***Staff Contributors to This Issue:* Wallace K. Bailey, Kenneth P. Berkman, Leo M. Bernstein, Robert Brown, David W. Cartwright, Edwin J. Coleman, Douglas R. Fox, Bruce T. Grimm, Linnea Hazen, Eric R. Johnson, Thae S. Park, Milo O. Peterson, Elizabeth H. Queen, Joseph C. Wakefield**

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

Annual subscription: *second-class mail*—$30.00 domestic; $37.50 foreign. Single copy: $4.75 domestic; $5.95 foreign.

First-class mail rates and *foreign air mail* rates available upon request.

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

Second-class postage paid at Washington, D.C. and at additional mailing offices.

The Secretary of Commerce has determined that the publication of this periodical is necessary in the transaction of the public business required by law of this Department. Use of funds for printing this periodical has been approved by the Director of the Office of Management and Budget through April 1, 1985.

U.S. DEPARTMENT OF COMMERCE DISTRICT OFFICES

AK, Anchorage 99513
701 C St. 271-5041

AL, Birmingham 35205
908 S. 20th St. 254-1331

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

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

CA, Los Angeles 90049
11777 San Vicente Blvd. 824-7591

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

CO, Denver 80202
721 - 19th St. 837-3246

CT, Hartford 06103
450 Main St. 244-3530

FL, Miami 33130
25 W. Flagler St. 350-5267

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

GA, Savannah 31412
125-29 Bull St. 944-4204

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

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

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

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

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

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

MA, Boston 02116
441 Stuart St. 223-2312

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

MI, Detroit 48226
231 W. Lafayette 226-3650

MN, Minneapolis 55401
110 S. 4th St. 725-2133

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

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

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

NC, Greensboro 27402
203 Fed. Bldg., W. Market St. 378-5345

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

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

NM, Albuquerque 87102
505 Marquette Ave., N.W. 766-2386

NV, Reno 89503
777 W. 2nd St. 784-5203

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

NY, New York 01278
26 Federal Plaza 264-0643

OH, Cincinatti 45202
550 Main St. 684-2944

OH, Cleveland 44114
666 Euclid Ave. 522-4750

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

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

PA, Philadelphia 19106
600 Arch St. 597-2866

PA, Pittsburgh 15222
1000 Liberty Ave. 644-2850

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

SC, Columbia 29201
1835 Assembly St. 765-5345

TN, Memphis 38102
147 Jefferson Ave. 521-3213

TX, Dallas 75242
11000 Commerce St. 767-0542

TX, Houston 77002
515 Rusk St. 226-4231

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

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

WA, Seattle 98109
1700 Westlake Ave., Rm: 706 442-5616

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

WV, Charleston 25301
500 Quarrier St. 343-6181

WY, Cheyenne 82001
2120 Capitol Ave. 772-2151

the BUSINESS SITUATION

REAL GNP increased 3 percent at an annual rate in the first quarter of 1983, after a number of quarters of poor performance ending with a 1-percent decline in the fourth quarter of 1982 (table 1 and chart 1). Inflation continued to slow; the 3-percent increase in GNP prices registered in the first quarter was the lowest in over a decade.[1] The unemployment rate, at 10.2 percent, remained near its postwar high in the fourth quarter.

Among the conventional components of GNP, real personal consumption expenditures (PCE) increased moderately after a strong increase in the fourth quarter. Nonresidential fixed investment—both structures and producers' durable equipment—was up after several quarters of decline. Residential investment strengthened further. Inventory liquidation was less than in the fourth quarter, so that inventories made a positive contribution to the change in GNP in the first quarter after a large negative contribution in the fourth. The two remaining components were down: Net exports continued a long slide, and government purchases—reflecting the operations of the Commodity Credit Corporation (CCC)—declined after an increase in the fourth quarter.

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

Table 1.—Real GNP: Change From Preceding Quarter

[Percent change at annual rates; based on millions of 1972 dollars, seasonally adjusted at annual rates]

	1982				1983
	I	II	III	IV	I
GNP	−5.1	2.1	0.7	−1.1	3.1
Final sales	.2	−.9	−1.3	5.4	.9
Personal consumption expenditures	2.5	2.5	.6	4.5	2.3
Durables	10.4	2.5	−5.4	20.2	4.8
Motor vehicles and parts	45.7	−3.3	−4.5	48.3	−1.1
Furniture and household equipment	−12.4	6.8	−3.5	5.4	4.6
Other durables	6.9	6.0	−11.6	1.1	21.0
Nondurables	−1.0	2.6	1.5	1.9	2.5
Food	−.6	2.9	4.1	3.4	3.2
Energy [1]	2.2	16.1	−7.4	−7.6	7.6
Clothing and shoes	3.8	1.1	−.1	2.0	1.4
Other nondurables	−9.0	−1.7	.9	1.7	−.5
Services	3.0	2.4	1.7	2.3	1.4
Energy [2]	6.7	−20.9	3.2	9.5	−7.5
Other services	2.8	3.9	1.6	1.9	1.9
Gross private domestic fixed investment	−6.0	−7.6	−7.2	1.8	16.9
Nonresidential	−5.0	−11.8	−7.6	−6.0	2.7
Structures	1.3	1.6	−5.2	−4.8	5.3
Producers' durable equipment	−7.6	−17.4	−8.8	−6.5	1.5
Autos, trucks, and buses	38.8	−16.7	9.1	−15.0	15.7
Other	−13.5	−17.5	−11.6	−5.0	−.8
Residential	−10.2	12.9	−5.3	39.3	83.1
Net export of goods and services					
Exports	−12.7	7.5	−16.8	−21.6	−.7
Merchandise	−15.3	−2.1	−16.7	−26.7	13.5
Agricultural	−.9	17.5	−52.5	−6.4	48.7
Nonagricultural	−18.9	−7.1	−2.9	−31.3	5.2
Other	−9.2	20.4	−16.9	−15.3	−15.3
Imports	−17.5	14.5	4.6	−25.4	11.0
Merchandise	−30.1	10.6	19.6	−24.9	19.7
Petroleum	−44.2	−32.7	115.3	−17.8	−69.6
Nonpetroleum	−28.9	14.3	15.0	−25.3	30.2
Other	17.6	22.5	−20.7	−26.6	−6.3
Government purchases of goods and services	−2.9	−5.3	8.4	12.0	−8.9
Federal	−5.5	−13.5	23.1	32.8	−21.1
National defense	−7.9	21.4	13.0	2.0	.4
Nondefense	−.9	−58.1	50.7	128.1	−51.7
Commodity Credit Corporation [3]					
Other	−4.8	−13.9	−1.7	5.6	2.7
State and local	1.1	.4	−.2	−.4	.7
Change in business inventories					

1. Gasoline and oil, and fuel oil and coal.
2. Electricity and gas.
3. Estimates, in billions of 1972 dollars for the fourth quarter of 1981 through the first quarter of 1983, were: 5.7, 6.1, −0.5, 3.1, 10.8, and 3.3.

NOTE.—Most dollar levels are found in the National Income and Product Accounts Tables, table 1.2.

CHART 1

Real Product: Change From Preceding Quarter

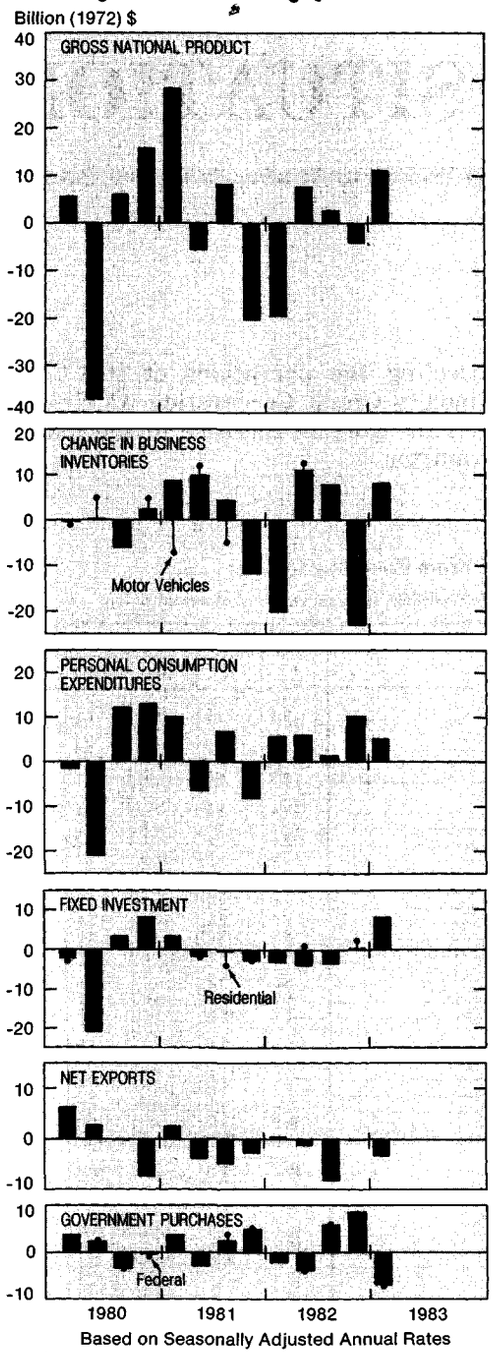


Table 2 sheds light on the extent to which the various sectors of the economy were showing recovery. Business product (line 5)—that is, GNP less product originating in the rest of the world, households and institutions, and government—increased 4½ percent at an annual rate in the first quarter after a 2-percent decline. Nonfarm business product (line 8) showed an even larger first-quarter increase as well as a larger fourth-quarter decline, as farm product declined in the first quarter after having increased in the fourth. After removing the changes in farm product and also those in the residual (the constant-dollar equivalent of the statistical discrepancy), the first-quarter increase was 6 percent and the fourth-quarter decline was 4½ percent. Housing product—that is, the product originating in owner-occupied and tenant-occupied residences—is removed from nonfarm business product to derive an aggregate that can be associated with labor variables to measure productivity and unit labor cost. That aggregate, nonfarm business product less housing (line 10), increased 6½ percent in the first quarter after a 5-percent decline.

Much of the 11½-percentage-point swing in this aggregate can be traced to two relatively small but volatile items: motor vehicle output and residential investment. The former, shown in the addendum to table 2, increased sharply in the first quarter and had declined sharply in the fourth. The latter, shown in table 1 as a component of final sales, increased much more in the first quarter than in the fourth. (Although residential investment is a component of final sales, it is a measure of production because it is on a put-in-place basis.) Nonfarm business product less housing excluding these volatile items shows a much smaller swing—5 percentage points, to an increase of only 1 percent (annual rate) in the first quarter from a 4-percent decline in the fourth.

Prices.—GNP prices as measured by the fixed-weighted price index increased at an annual rate of 3 percent, the lowest rate in over a decade. The slowing from the fourth-quarter increase of 5 percent was attributable to energy prices; as shown in the addenda to table 3, GNP prices exclusive of the energy components increased 4½ percent in both quarters. The prices of these components increased substantially (14 percent) in the fourth quarter and declined substantially (15½ percent) in the first. The substantial price decline that occurred in the part of energy purchased by consumers is also quantified in table 3. In the first quarter, PCE energy prices fell 15½ percent at an annual rate, due to declines in gasoline prices and, to a lesser extent, in fuel oil prices. These declines reflected the glut and accompanying price weakness in the crude oil market. In contrast, prices of natural gas and electricity continued to increase.

The low rate of increase in food prices—1 percent at an annual rate for PCE food and 2 percent for the various food components of GNP—also helped hold down the first-quarter increase in prices. In recent quarters, major factors in the relatively low rates of increase in food prices have been record or near-record U.S. harvests of several crops, in combination with weak domestic and export demand. In addition, increases in marketing costs—largely labor, packaging, and transportation—have moderated in line with prices in general.

The prices of GNP less food and energy increased 5 percent at an annual rate, the same as in the fourth quarter. In the first quarter, increases in most major categories of these prices—prices of "other PCE" and prices of goods and services purchased by investors and by government—were close to the 5 percent average. The increase in the price of nonresidential structures was an exception. This price increased ½ percent after increasing 2½ percent in the second half of 1982 and about 4½ percent in the first half. The very low rate of increase in the first quarter reflected declines in the construction costs for the oil well drilling and public utility components; construction costs for the buildings component continued to increase.

From the fourth quarter to the first, the increase in the GNP implicit price deflator, which is often used to track prices even though it is not a measure of pure price change, accelerated from 3½ percent at an annual rate to 6 percent, in contrast to the deceleration in the fixed-weighted price index. The two measures may move differently when there are sharp quarter-to-quarter changes in

Table 2.—Alternative Measures of Production

[Billions of 1972 dollars, seasonally adjusted at annual rates]

Line		Dollars							Percent change from preceding quarter at annual rate		
		Level				Change from preceding quarter					
		1982			1983	1982		1983	1982		1983
		II	III	IV	I	III	IV	I	III	IV	I
1	Gross national product	1,478.4	1,481.1	1,477.2	1,488.5	2.7	−3.9	11.3	0.7	−1.1	3.1
2	Less: Rest-of-the-world	24.2	22.5	23.4	21.1	−1.7	.9	−2.3	−25.6	17.6	−33.8
3	Gross domestic product	1,454.1	1,458.6	1,453.7	1,467.4	4.5	−4.9	13.7	1.2	−1.3	3.8
4	Less: Households and institutions, and government	203.6	203.2	203.8	204.2	−.4	.6	.4	−.9	1.3	.8
5	Business product	1,250.5	1,255.4	1,249.9	1,263.2	4.9	−5.5	13.3	1.6	−1.8	4.3
6	Less: Farm	38.0	39.3	44.8	41.1	1.3	5.5	−3.7	15.2	68.5	−29.2
7	Residual [1]	.4	1.7	3.3	3.3	1.3	2.9	0			
8	Nonfarm business product	1,212.2	1,214.4	1,200.5	1,217.5	2.2	−13.9	17.0	.7	−4.5	5.8
9	Less: Housing	132.6	133.1	133.5	134.0	.5	.4	.5	1.4	1.4	1.5
10	Nonfarm business product less housing	1,079.5	1,081.3	1,066.9	1,083.4	1.8	−14.4	16.5	.7	−5.2	6.3
	Addendum: Motor vehicle output	55.3	56.2	48.7	55.6	.9	−7.5	6.9	6.7	−43.8	70.2

1. The residual is the constant dollar equivalent of the statistical discrepancy. For the first quarter of 1983, it is not yet available; it is assumed in this table to be the same as in the fourth quarter of 1982.

NOTE.—Most dollar levels are found in the National Income and Product Accounts Tables, table 1.6, and most percent changes are found in table 8.1.

quantities—that is, in weights—because the implicit price deflator, unlike the fixed-weighted price index, reflects quarter-to-quarter shifts in weights. More specifically, differences occur when there are weight shifts for components whose prices have increased more or less than the average of GNP prices since 1972 (the valuation period). Several components—but especially the change in inventories, imports of merchandise (particularly petroleum), and purchases of the CCC—contributed to the difference in movement of the two measures from the fourth quarter to the first.

Table 3.—Fixed-Weighted Price Indexes: Change From Preceding Quarter

[Percent change at annual rates; based on index numbers (1972=100), seasonally adjusted]

	1982				1983
	I	II	III	IV	I
GNP	**4.8**	**4.1**	**5.9**	**4.9**	**3.2**
Less: Change in business inventories					
Equals: Final sales	4.8	4.1	6.0	4.9	3.2
Less: Exports	5.1	1.2	−1.7	.4	2.5
Plus: Imports	6.7	−6.7	0	.9	−3.0
Equals: Final sales to domestic purchasers	**4.9**	**3.2**	**6.0**	**4.9**	**2.6**
Personal consumption expenditures	4.8	3.2	7.3	5.6	1.9
Food	7.0	3.8	2.0	.3	.9
Energy	−4.6	−13.5	18.5	11.1	−15.4
Other personal consumption expenditures	5.9	6.1	7.3	6.5	5.3
Other [1]	4.9	3.2	3.9	3.6	3.9
Nonresidential structures	4.4	4.8	2.3	2.3	.7
Producers' durable equipment	5.5	6.1	5.7	2.3	3.3
Residential	2.6	−3.4	.1	−5.0	6.1
Government purchases	5.8	4.0	4.7	6.6	4.1
Addenda: Food and energy components of GNP [2]—					
Food components [3]	6.6	3.8	1.2	−.8	2.0
Energy components [4]	−5.6	−9.6	19.1	13.9	−15.5
GNP less food components	4.5	4.1	6.7	5.8	3.5
GNP less energy components	5.5	5.0	5.1	4.3	4.3
GNP less food and energy components	5.3	5.2	5.8	5.2	4.8

1. Index number levels for the fourth quarter of 1981 through the first quarter of 1983 were: 222.5, 225.2, 227.0, 229.2, 231.2 and 233.5.
2. Inasmuch as GNP is the sum of final products, the food and energy estimates in this table do not take into account the effect on the prices of final products of changes in the prices of the food and energy that are costs of production.
3. Consists of all components for which separate estimates are prepared. The major component that is not included is purchases of food by the Federal Government other than transactions by the Commodity Credit Corporation that are treated like purchases.
4. Consists of all components for which separate estimates are prepared. The major components that are not included are (1) exports of energy; (2) the gasoline and motor oil portions of inventories of gasoline service stations, and (3) the energy portions of inventories of businesses that do not produce energy for sale.
5. The Federal pay raise accounted for 0.4 percentage points of the increase in the index for GNP in the fourth quarter of 1982.

NOTE.—Index number levels are found in the National Income and Product Accounts Tables, table 7.2.

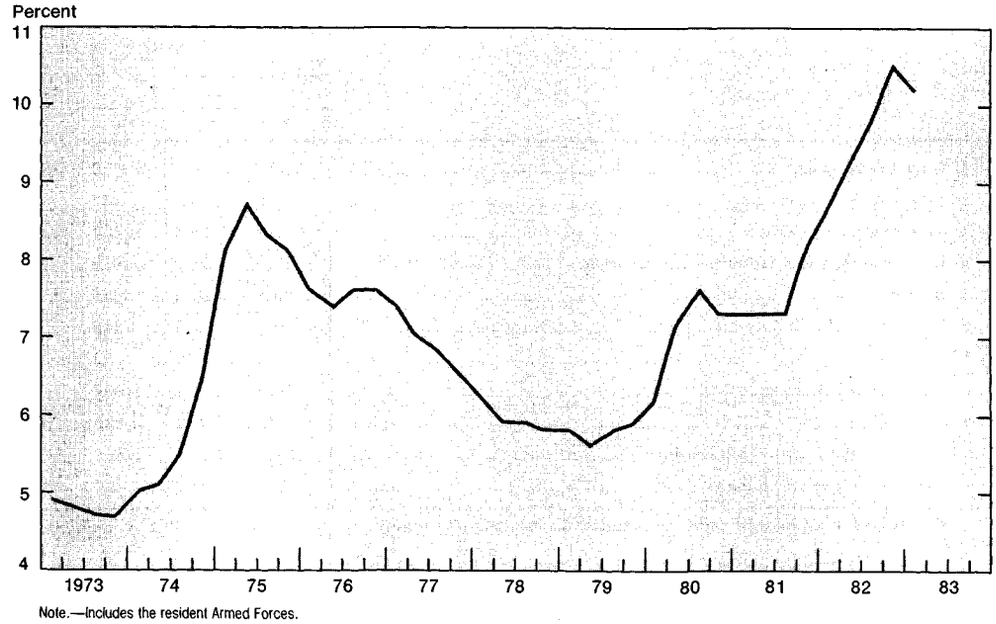
Labor market conditions.—Labor markets improved in the first quarter. The payroll measure of employment, based on payroll records for wage and salary workers in nonagricultural establishments, increased 105,000 in the first quarter after declining 640,000 in the fourth (table 4). The increase was more than accounted for by the service-producing industries, in which employment increased 139,000 after a fourth-quarter decline of 66,000. Within that group, employment increased in services; retail trade; and finance, insurance, and real estate. Manufacturing employment, which had declined 474,000 in the fourth quarter and had accounted for three-fourths of the total decline, increased 20,000 in the first quarter. The increase was centered in transportation equipment and in electric and electronic equipment. Average weekly hours for the private nonfarm economy increased 0.1 hour to 34.8; except for a similar increase in the second quarter of 1982, average hours

have not increased, on a quarterly basis, since late 1980.

The household measure of employment—which includes not only paid nonagricultural workers but also unpaid, agricultural, and self-employed workers, as well as the resident Armed Forces—declined 44,000 in the first quarter, after declining 483,000 in the fourth. The unemployment rate declined 0.3 percentage point to 10.2 percent (chart 2). The unemployment rates for adult men and adult women declined 0.3 and 0.1 percentage points, respectively, to 9.7 and 8.9 percent, and the rate for teenagers dropped 1.5 percentage points to 22.8 percent. The number of "discouraged workers"—those not seeking employment because they do not believe they could find any—dropped 85,000 in the first quarter after increasing 211,000 in the fourth.

CHART 2

Unemployment Rate



Note.—Includes the resident Armed Forces.

Data: BLS.

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

83-4-2

Costs and productivity.—Table 5 shows changes in real gross product, aggregate hours, and compensation in the business economy other than farm and housing. The first-quarter increase of 6½ percent (annual rate) in real product was mentioned earlier, and an increase in aggregate hours was suggested by the improvement in employment and average weekly hours just mentioned. The strong increase in product in combination with a smaller increase in hours (1 percent) yields a 5½-percent increase in productivity as measured by real product per hour. Such a large increase had not been registered since the first quarter of 1981, during the recovery from the 1980 recession.

The increase in compensation included the effect of an increase in employer contributions for social security due to an increase in the taxable wage base from $32,400 to $35,700 and an increase in employer contributions for State unemployment insurance. Even though the increase in compensation was relatively large (7½ percent at an annual rate), with the 6½-percent increase in product, the increase in unit labor cost was quite small—only 1 percent.

Table 4.—Employment by Industry

[Seasonally adjusted; thousands]

	Change		1983: I
	1982: III–IV	1982: IV–1983: I	
Total, nonagricultural establishments	**−640**	**105**	**88,836**
Goods-producing	−574	−34	23,068
Mining	−40	−38	1,009
Construction	−60	−15	3,828
Manufacturing	−474	20	18,232
Durable goods	−431	28	10,606
Primary metal products	−71	−4	812
Fabricated metal products	−61	2	1,370
Machinery, except electrical	−125	−46	2,066
Electric and electronic equipment	−49	12	1,971
Transportation equipment	−79	44	1,694
Other	−46	20	2,693
Nondurable goods	−43	−8	7,626
Food and kindred products	8	−10	1,631
Apparel and other textile products	−3	4	1,139
Printing and publishing	−2	5	1,271
Chemicals and allied products	−10	−6	1,052
Other	−37	0	2,533
Service-producing	−66	139	65,768
Transportation and public utilities	−39	−54	4,940
Wholesale trade	−54	−35	5,194
Retail trade	−104	107	15,272
Finance, insurance, and real estate	4	33	5,399
Services	61	114	19,233
Government	67	−25	15,731

Source: Bureau of Labor Statistics.

Table 5.—Real Gross Product, Hours, and Compensation in the Business Economy Other Than Farm and Housing: Change From Preceding Quarter

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

	1982				1983
	I	II	III	IV	I
Real gross product	−4.3	0.6	0.7	−5.2	6.3
Hours	−4.7	−.7	−2.9	−5.0	1.0
Compensation	2.6	5.9	3.7	−.2	7.5
Real gross product per hour	.4	1.3	3.6	−.3	5.3
Compensation per hour	[1] 7.7	6.7	6.8	5.0	[1] 6.5
Unit labor cost	7.3	5.3	3.0	5.3	1.1

1. Increases in employer contributions for social security accounted for 0.6 percentage points of the increase in compensation per hour in the first quarter of 1982. Increases in employer contributions for social security and for unemployment insurance accounted for 1.1 percentage points of the increase in the first quarter of 1983.

Personal income and its disposition

The increase in personal income decelerated to $24½ billion from $31½ billion in the fourth quarter (table 6).[2] Wage and salary disbursements were up sharply, and personal interest income increased following a decline, but proprietors' income and transfer payments both declined after strong increases.

Wage and salary disbursements increased $23 billion, after an increase of only $4½ billion in the fourth

2. Quarterly estimates in the national income and product accounts are expressed at seasonally adjusted annual rates, and quarterly changes in them are differences between these rates.

Table 6.—Personal Income and Its Disposition: Change From Preceding Quarter

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

	1982			1983
	II	III	IV	I
Wage and salary disbursements	15.0	13.4	4.5	23.2
Manufacturing	.5	−1.9	−8.0	7.3
Other commodity-producing	−1.2	−1.6	−.6	1.0
Distributive	4.0	3.0	.4	2.9
Services	8.1	10.2	7.1	8.1
Government and government enterprises	3.5	3.5	5.6	4.0
Proprietors' income	.9	1.0	10.6	−.5
Farm	−.5	−.7	7.5	−5.7
Nonfarm	1.4	1.8	3.1	5.2
Personal interest income	12.3	6.2	−3.6	3.0
Transfer payments	10.7	15.8	16.8	−2.6
Other income	4.0	4.5	3.3	5.1
Less: Personal contributions for social insurance	.7	1.1	.1	3.9
Personal income	**42.1**	**39.8**	**31.5**	**24.3**
Less: Personal tax and nontax payments	7.7	−6.7	5.3	1.7
Impacts of legislation	−4.8	−18.4	−2.8	−11.0
Other	12.5	11.7	8.1	12.7
Equals: Disposable personal income	**34.4**	**46.6**	**26.2**	**22.7**
Less: Personal outlays	29.2	38.9	44.8	24.2
Equals: Personal saving	**5.2**	**7.6**	**−18.6**	**−1.5**
Addenda: Special factors in personal income—				
Cost-of-living increases in Federal transfer payments	2.4	12.0	1.2	.....
Social security base change (in personal contributions for social insurance)	.....	.....	.....	1.9
Subsidies to farmers	−1.1	−1.1	6.4	−3.3
Federal pay raise	.....	.....	2.7	.1
Federal employee contributions to Medicare under social security	.....	.....	.....	.8
Property damage (see text)	.....	.....	−1.4	.....

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

quarter. A turnaround in manufacturing—from an $8 billion decline to a $7½ billion increase—largely accounted for the pickup. The turnaround was centered in durables and reflected improvements in both employment and hours. As noted earlier, after a sharp drop in the fourth quarter, employment in manufacturing was up in the first. Average weekly hours, which had declined slightly in the fourth quarter, increased strongly in the first. Average hourly earnings continued their uptrend. Wages and salaries in the other commodity-producing industries, principally mining and construction, were up slightly as declines in employment slowed. Pickups in wages and salaries in the distributive industries and in the service industries were mainly accounted for by larger increases in employment. The increase in government wages and salaries, which had been boosted in the fourth quarter by a $2½ billion pay raise for Federal employees, returned to about the rate of recent quarters in which there had been no pay raise.

Personal interest income increased $3 billion, after declining $3½ billion in the fourth quarter. A flattening of short-term interest rates after two quarters of sharp deceleration contributed to the turnaround. The rate on large-denomination, negotiable 6-month certificates of deposit had fallen from 14 percent in the middle of the second quarter of 1982 to 9 percent in the middle of the fourth. Short-term rates steadied in the first quarter of 1983; the mid-quarter rate on large-denomination certificates remained at 9 percent. The fact that personal interest income increased in the first quarter, rather than flattening as did interest rates, is traceable to one of its components—property income of private noninsured pension funds and life insurance carriers—that is not interest sensitive; this component increased in the first quarter in line with its trend.

Farm proprietors' income fell $5½ billion, after a $7½ billion increase in the fourth quarter. Most of the swing was accounted for by the timing of subsidy payments by the CCC. A $6½ billion step-up in payments in the fourth quarter reflected not only regularly scheduled payments but also a speed-up in payments that ordinarily would have been made in the first quarter. First-quarter payments to farmers declined $3½ billion. Other farm income continued to slide; receipts from marketings fell in the first quarter, as a decrease in farm production more than offset an upturn in farm prices. The step-up in nonfarm proprietors' income was mainly in construction and retail trade.

Transfer payments declined $2½ billion, after increasing $17 billion in the fourth quarter. The fourth-quarter increase in social security payments had been unusually large, partly reflecting retroactive payments and a resumption of payments to college students. Unemployment insurance benefits, which had increased $6½ billion in the fourth quarter, declined $4 billion in the first. The drop-off was both in regular benefits and in supplemental extended benefits authorized under the Tax Equity and Fiscal Responsibility Act of 1982 (TEFRA). Increases in other Federal benefit programs, primarily food stamps, slowed in the first quarter.

Personal contributions for social insurance, which are subtracted in deriving the personal income total, were stepped up $4 billion after changing little in the fourth quarter. The increase in the social security taxable wage base, effective January 1, accounted for $2 billion of the step-up. (The social security tax rate for employees, at 6.70 percent, was not changed.) Also on January 1, Federal employees began to contribute to Medicare under social security; these contributions accounted for $1 billion of the step-up.

Personal income in the fourth quarter was reduced $1½ billion as a result of hurricane damage in Hawaii and of extensive flooding in the Mississippi River Basin. This property

damage is reflected in the proprietors' and rental income components. If allowance is made for this and for the other special factors listed as addenda to table 6, the first-quarter increase in personal income would have exceeded that in the fourth quarter.

The increase in personal tax and nontax payments slowed to $1½ billion from $5½ billion in the fourth quarter. In the fourth quarter, legislative reductions under the Economic Recovery Tax Act of 1981 (ERTA) amounted to $3 billion. In the first quarter, reductions under ERTA—primarily the effect of earlier rate reductions, the married couples deduction, and the all savers' exclusion—amounted to $14½ billion. These reductions were partly offset by increases amounting to $2½ billion under TEFRA. Reflecting the step-up in wages and salaries, the increase in taxes due to increases in the tax base accelerated to $12½ billion from $8 billion in the fourth quarter.

Disposable personal income increased $22½ billion, or 4 percent at an annual rate, in the first quarter, only a little less than in the fourth quarter, but considerably less than in the third. In real terms, however, the first-quarter increase in disposable income was 2 percent—up from increases of ½ percent in the fourth quarter and 1½ percent in the third. The relatively better performance of real disposable income in the first quarter reflected the slowing in prices paid by consumers. In the first quarter, the PCE deflator, which is used to calculate the real measure, increased only 2½ percent, compared with increases of 4½ and 7½ percent in the two previous quarters.

The increase in personal outlays decelerated sharply in the first quarter, but still exceeded the increase in disposable personal income. As a result, personal savings continued to decline, but considerably less than in the fourth quarter. The personal saving rate was down slightly to 5.9 percent from 6.0 percent.

Real PCE.—PCE increased at an annual rate of 2½ percent compared with 4½ percent in the fourth quarter. The deceleration was due to motor vehicles, as new car sales showed little change after a large increase in the fourth quarter. As described in last month's "Business Situation," fourth-quarter sales had been boosted by below-market installment loan rates—under 11 percent—offered by major automakers through their financial subsidiaries. In the first quarter, rates about 1 percentage point higher were offered.

Other real PCE continued to show moderate increases. Improvement in expenditures on household furniture and equipment in the fourth and first quarters appears to be related to recovery in housing markets. Gasoline and oil increased substantially in the first quarter. In 1982, gasoline purchases registered both quarterly increases and declines, but relative to 1981, an uptrend appears to have gotten under way. The absence of a sharp runup in gasoline prices probably was a major factor. Services again registered only a small increase. A smaller increase than in the fourth quarter was largely due to electricity and gas. Expenditures on home heating declined in the first quarter, due to unusually mild winter weather in some parts of the country.

Real investment

Residential investment increased even more strongly than in the fourth quarter—over 80 percent at an annual rate, compared with about 40 percent. Construction of single-family units continued to strengthen, construction of multifamily units picked up, and the "other" component—consisting of additions and alterations, brokers' commissions on the sale of new and existing residences, and mobile home sales—increased substantially although less than in fourth quarter. As discussed in last month's "Business Situation," housing starts and sales of both new and existing residences have responded to the continuing improvement in the financial conditions affecting housing.

Nonresidential investment increased 2½ percent at an annual rate after several quarters of decline. If the increase is the beginning of a recovery in investment, it is somewhat earlier than suggested by most interpretations of major factors that influence investment, such as capacity utilization and corporate profits, or by the BEA plant and equipment expenditure survey. The survey of plans taken in late January and February, as reported in last month's SURVEY OF CURRENT BUSINESS, indicated declines in both the first and second quarters of 1983 (although smaller ones than in the third and fourth quarters of 1982) before an upturn in the second half.

Nonresidential construction increased 5½ percent at an annual rate after two quarters of decline. The increase was largely due to construction of commercial buildings other than offices. This category, which includes stores and warehouses, had declined steadily over the past year. Weakness persisted in industrial construction and in oil well drilling, although in the latter the decline was smaller than earlier. Public utility construction was down again.

Producers' durable equipment increased 1½ percent at an annual rate. The increase was in motor vehicles, where both autos and trucks increased after fourth-quarter declines. Other producers' durable equipment changed little after sliding since the first quarter of 1982. Declines were less widespread among the major categories than in the fourth quarter, and those in metalworking machinery and communications equipment were smaller; computers again increased substantially.

The liquidation of business inventories continued in the first quarter, but at a slower rate than in the fourth (table 7). The slowdown from $20½ billion to $12½ billion accounted for $8 billion of the increase in first-quarter GNP. Most of the slowdown was in motor vehicle inventories; they decline $1 billion after a $7½ billion declined in the fourth quarter, when excess stocks of 1982 model cars and trucks were liquidated. Other inventories were runoff sharply in both quarters. The liquidation was concentrated in manufacturing durables—especially in primary and fabricated metals and in electrical and nonelectrical machinery—and in wholesale durables; most other categories declined slightly or changed little.

The reductions in inventories, in combination with improvements in sales, have brought inventory-sales ratios down sharply. The ratio of constant-dollar business inventories to total business final sales declined 0.14 points over the last two quarters to 3.15; in the first three quarters of 1982 it had averaged 3.28. The ratio of nonfarm business inventories to final sales of goods and structures declined 0.24 points to 4.41; in the first three quarters of 1982 it had averaged 4.61.

Real net exports

Net exports continued their 3-year slide, over which they were halved. (See "Net Exports of Goods and Services, 1980-82" in the March issue of the SURVEY.) In the first quarter, they declined $3 billion, as imports increased and exports changed little. In the fourth quarter, net exports had changed little, as both exports and imports declined by large amounts.

The balance on goods changed by relatively small amounts—declines of $1 billion and $½ billion in the first and fourth quarters, respectively—as exports and imports registered largely offsetting swings from declines to increases. Part of the swing in exports was in agricultural exports, which increased substantially in the first quarter, partly due to increased shipments of wheat. Nonagricultural exports had registered a decline of $5½ billion—widely spread among end-use categories—in the fourth quarter, and increased $½ billion in the first. Improvement was particularly sharp in motor vehicles shipped to Canada and in aircraft. The swing in imports was more than accounted for by nonpetroleum imports. In the first quarter, most categories increased—with especially strong increases in automotive products, capital goods, and consumer goods—after declines in the fourth quarter.

The balance on services declined $2 billion after no change in the fourth quarter. Receipts of investment income declined more than in the fourth quarter, and payments declined less.

Government purchases

Real government purchases declined 9 percent at an annual rate after a 12-percent increase in the fourth quarter. The first-quarter decline and the swing from the fourth quarter were due to the operations of the CCC. Defense purchases, Federal nondefense purchases other than CCC, and State and local purchases each showed little or no change in both quarters.

Real CCC purchases declined $7½ billion after a fourth-quarter increase of $7½ billion. In the fourth quarter, farmers had responded to low market prices for crops by placing substantial amounts—mainly of soybeans, corn, cotton, and wheat—under loan. In the first quarter, they placed much less of these crops under loan.

The Federal sector.—Changes in current-dollar Federal receipts and expenditures on a national income and product accounts basis are shown in table 8. Among expenditures, the sources of the large first-quarter changes have already been referred to. In current dollars, purchases declined $7 billion, transfer payments declined $6 billion, and subsidies less the current surplus of government enterprises declined $5 billion. These declines, together with smaller and partly offsetting changes in net interest paid and grants-in-aid, totaled $17 billion.

Among receipts, two of the sources of change were mentioned earlier. A $1 billion decline in personal tax and nontax payments reflected reductions under ERTA, and a $9½ billion increase in contributions for social insurance reflected the increase in the taxable wage base for social security, the beginning of Federal employee contributions to Medicare under

Table 7.—Change in Business Inventories

[Billions of 1972 dollars; seasonally adjusted at annual rates]

	Level				Change from preceding quarter		
	1982			1983	1982		1983
	II	III	IV	I	III	IV	I
Change in business inventories	−4.4	3.4	−20.3	−12.4	7.8	−23.7	7.9
Motor vehicles	4.3	6.3	−7.7	−.8	2.0	−14.0	6.9
Other	−8.7	−2.9	−12.6	−11.6	5.8	−9.7	1.0

Table 8.—Federal Government Receipts and Expenditures, NIPA Basis: Change From Preceding Quarter

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

	1982				1983
	I	II	III	IV	I
Receipts	−15.8	7.1	−3.3	1.3	n.a.
Personal tax and nontax receipts	−1.0	5.9	−10.2	3.6	−1.0
Corporate profits tax accruals	−12.6	−1.3	4.6	−2.5	n.a.
Indirect business tax and nontax accruals	−8.6	1.2	1.0	−.1	.7
Contributions for social insurance	6.4	1.3	1.4	.2	9.5
Expenditures	1.0	8.2	33.1	49.5	−17.0
Purchases of goods and services	−.9	−5.4	14.7	19.7	−6.8
National defense	−.8	10.0	6.5	6.7	2.3
Nondefense	−.1	−15.4	8.2	13.1	−9.1
Transfer payments	2.5	9.6	14.6	17.9	−5.8
Grants-in-aid to state and local governments	−.6	2.0	−3.0	2.6	1.2
Net interest paid	.7	3.1	5.9	.3	−.4
Subsidies less current surplus of government enterprises	−.9	−1.0	.9	8.9	−5.2
Less: Wage accruals less disbursements	−.1	.2	0	0	0
Surplus or deficit (−), national income and product accounts	−16.7	−1.2	−36.4	−48.1	n.a.

n.a. Not available.

NOTE.—Dollar levels are found in the National Income and Product Accounts Table, table 3.2.

social security, and the increase in the tax base for State unemployment insurance. Indirect business taxes were up $½ billion, partly due to increases in telephone and cigarette excise taxes under TEFRA. Estimates of corporate profits, and thus of corporate profits tax accruals, are not yet available. It is quite likely that there was a turnaround in profits and that accruals increased. If this is assumed, total receipts were up substantially.

With the decline in expenditures and an increase in receipts, the deficit on a national income and product accounts basis was reduced substantially from the $204 billion recorded in the fourth quarter.

Corporate Profits, Fourth Quarter and Year 1982

In the fourth quarter of 1982, corporate profits from current production—profits with inventory valuation and capital adjustments—decreased $1½ billion to $164½ billion. (The fourth-quarter estimate is $3 billion lower than the one published a month ago. Downward revisions in the profits of most domestic nonfinancial industries more than accounted for the revision.) Although the change in the total was relatively small, changes in profits of major groupings of corporations were large.

Domestic profits of nonfinancial corporations decreased $11 billion to $114½ billion in the fourth quarter. The decrease was centered in manufacturing, where nearly all industries registered decreases in profits or increases in losses; the largest decrease was in motor vehicle manufacturing.

Domestic profits of financial corporations increased $4½ billion to $29½ billion. The increase resulted from sharp reductions in the losses registered by savings and loan associations and by mutual savings banks and from a modest increase in the profits of commercial banks. These changes more than offset a decrease in the profits of Federal Reserve banks.

Profits from the rest of the world increased $4½ billion to $21 billion. This measure is calculated as earnings on U.S. corporations' foreign assets (receipts) less earnings on foreign corporations' U.S. assets (payments). The fourth-quarter increase was the result of both an increase in receipts and a decrease in payments.

Developments during 1982

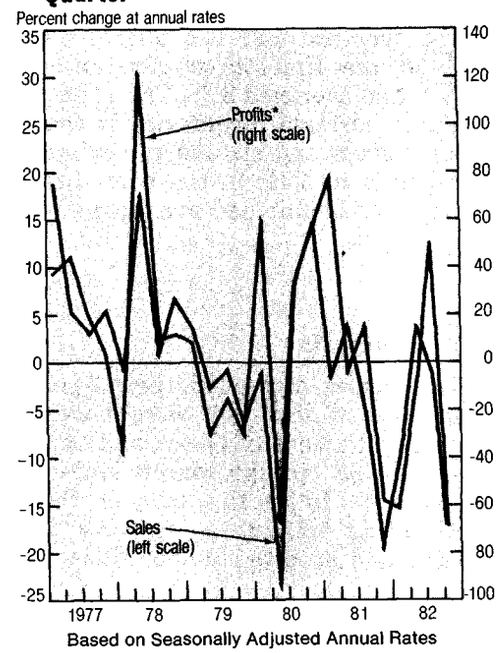
Profits decreased very sharply in the first quarter of 1982 and fluctuated moderately thereafter, remaining at levels well below their 1981 level of $190½ billion. For the year 1982, profits totaled $161 billion, the lowest level since 1976. Decreases in domestic profits of nonfinancial corporations and in profits from the rest of the world accounted for nearly all of the decrease in the first quarter of 1982 and more than accounted for the decrease from 1981 to 1982.

Decreases in manufacturing profits accounted for most of the decrease in the first quarter of 1982 in domestic nonfinancial profits, as well as for most of the year-to-year decrease. Quarter-to-quarter fluctuations in profits of manufacturing corporations were closely related to fluctuations in constant-dollar manufacturing sales. This relationship is shown for total manufacturing in chart 3 and can be seen for individual industries by comparison of tables 9 and 10.

In addition to reflecting the pattern of constant-dollar sales, the pattern of profits also reflected a variety of other factors. Widening losses of primary metals manufacturers in the first and second quarters reflected decreasing prices for nonferrous metals, while smaller losses in the third quarter reflected increased prices. Large losses registered by motor vehicle manufacturers in the first and fourth quarters reflected the costs of consumer incentive programs, which were designed to reduce excessive dealer inventories. Petroleum manufacturers' profits were more closely linked to swings in the prices of crude oil and refined petroleum product prices than to the small changes in their constant-dollar sales. The impact of prices on their profits is the major reason why the third quarter appears as an exception to the close

CHART 3

Corporate Profits and Constant-Dollar Sales for Manufacturing: Percent Change From Preceding Quarter



*Corporate profits with IVA and without CCAdj.

U.S. Department of Commerce, Bureau of Economic Analysis 83-4-3

relationship between total manufacturing profits and constant-dollar sales. In that quarter, as seen in chart 3, a small decrease in sales was paired with a large increase in manufacturing profits. Most of the increase in profits was due to an increase in the profits of petroleum manufacturing corporations. Refineries' margins increased, as wholesale prices for petroleum products increased sharply while their costs for crude oil increased slightly. Profits of food manufacturers were affected by their tendency to pass on changes in crude food prices to processed food prices less than fully and with a lag. In the first half of 1982, crude food prices rose more rapidly than processed food prices; in the second half, crude food prices fell more rapidly.

Domestic profits of financial corporations decreased slightly in the first quarter, then increased steadily for the rest of the year. By the fourth quarter, they were nearly half again as high as they had been a year earlier. The fourth-to-fourth-quarter in-

crease resulted from steady reductions in the losses registered by savings and loan associations and by mutual savings banks. These thrift institutions benefited from falling interest rates, which lowered the interest costs of attracting deposits more rapidly than interest rates were reduced on their assets, most of which are long-term instruments with fixed interest rates. Profits of Federal Reserve banks increased in the first quarter then decreased steadily as average interest rates received on their holdings of short-term Federal debt instruments fell rapidly.

Profits from the rest of the world decreased sharply in the first quarter and fluctuated moderately thereafter. The pattern reflected continuing recessions in most major industrial countries. The first-quarter decrease was due to decreases on both the petroleum and nonpetroleum foreign activities of U.S. corporations. Thereafter, profits fluctuations related to petroleum and nonpetroleum activities were partly offsetting.

Other profits measures.—Profits before tax also decreased very sharply in the first quarter of 1982 and fluctuated moderately thereafter. They totaled $175 billion for the year, the lowest level since 1976; in 1981 these profits were $232 billion. These profits exclude the inventory valuation adjustment (IVA) and capital consumption adjustment (CCAdj). Inventory profits—the IVA with sign reversed—decreased sharply in the first quarter and increased moderately thereafter. Inventory profits in 1982 were $9 billion, well below their $24½ billion level in 1981.

The profits component attributable to the misdepreciation of capital—the CCAdj with sign reversed—decreased each quarter of 1982, and became negative in the fourth quarter.[3] These profits were $5 billion in 1982, well below their $17 billion level in 1981. The decreases reflected the effects of provisions of ERTA permitting the use of shorter service lives for measuring the depreciation on new capital (as reported to the Internal Revenue Service), which is a deduction from receipts in the calculation of corporate profits. As corporations depreciate increasing amounts of capital using the shorter service lives, the component of the CCAdj that adjusts tax return depreciation to consistent service lives becomes increasingly positive. The effects of ERTA have progressively reduced profits attributable to the misdepreciation of capital by somewhat more than $2 billion per quarter, beginning with the first quarter of 1981. The decreases were also consistent with rates of inflation in prices for fixed nonresidential investment that were lower than those experienced over the service lives of the assets. Such lower rates of inflation lead to less negative values for the portion of the CCAdj that revalues fixed capital used up in production from historical cost to replacement cost.

Disposition of profits.—Corporate profits taxes, which are levied on profits including inventory profits and profits attributable to misdepreciation, were $57½ billion in 1982, well

Table 9.—Manufacturing Corporate Profits With Inventory Valuation Adjustment and Without Capital Consumption Adjustment

[Billions of dollars; seasonally adjusted at annual rates]

	1981: IV	Change from preceding quarter				1982: IV
		1982				
		I	II	III	IV	
Manufacturing	73.7	−16.0	−1.1	6.0	−16.0	46.7
Durable goods	18.9	−9.8	3.6	−.5	−12.1	0
Primary metal industries	.7	−3.8	−3.4	1.0	−.4	−5.9
Fabricated metal products	3.4	1.0	−.6	.9	−1.7	3.1
Machinery, except electrical	9.9	−1.6	−3.5	−1.0	−1.9	1.8
Electrical machinery	4.3	−.7	.1	.5	−1.5	1.7
Motor vehicles	−1.8	−2.3	7.4	−.1	−4.6	−1.4
Other	2.4	−2.4	3.5	−.8	−2.1	.7
Nondurable goods	54.7	−6.1	−4.7	6.6	−3.8	46.7
Food and kindred products	8.1	−1.4	−.4	.7	−.2	6.7
Chemicals and allied products	7.8	−1.3	−.7	−.7	−1.0	4.1
Petroleum and coal products	24.7	.7	−5.0	5.4	−3.4	22.5
Other	14.1	−4.1	1.4	1.1	.8	13.3

Table 10.—Constant-Dollar Manufacturing Sales

[Billions of 1972 dollars; seasonally adjusted at annual rates]

	1981:IV	Change from preceding quarter				1982:IV
		1982				
		I	II	III	IV	
Manufacturing	854.4	−19.5	7.9	−3.8	−38.8	800.0
Durable goods	464.5	−16.9	4.9	−7.2	−30.0	415.1
Primary metal industries	49.7	−3.4	−2.7	−1.7	−4.2	37.8
Fabricated metal products	49.0	−.6	1.6	−.7	−4.9	44.3
Machinery, except electrical	106.3	−3.8	−5.9	−4.1	−3.6	88.9
Electrical machinery	82.5	−1.5	1.9	−.9	−3.5	78.5
Motor vehicles	47.4	−2.6	9.7	1.6	−12.6	43.5
Other	129.6	−5.0	.3	−1.5	−1.2	122.2
Nondurable goods	389.9	−2.6	3.0	3.4	−8.8	384.8
Food and kindred products	132.4	2.5	−.5	.5	−1.0	133.9
Chemicals and allied products	67.7	−1.2	2.1	.8	−2.2	67.2
Petroleum and coal products	31.7	−1.7	3.2	−.8	−1.8	30.6
Other	158.1	−2.2	−1.8	2.9	−3.8	153.2

3. The capital consumption adjustment places the using up in production of fixed capital on a consistent basis with respect to service lives (85 percent of Internal Revenue Service Bulletin F for equipment and nonresidential structures) and depreciation formulas (straight line). It also values fixed capital used up in production at replacement cost, the valuation concept underlying national income and product accounting, rather than at historical cost, the concept generally underlying business accounting.

below the $81 billion registered in 1981. The decrease reflected lower profits and a decrease in the share of domestic profits taken by the Federal Government. Excluding the profits of the Federal Reserve banks (almost all of which are returned to the Treasury and are treated as corporate profits taxes in the national income and product accounts) from taxes and profits, the share decreased from 27 percent in 1981 to 22 percent in 1982. Dividends continued their 7-year uptrend, increasing in each quarter of 1982. Dividends were $70½ billion in 1982, up from $65 billion in 1981. Undistributed profits were $47 billion in 1982, down from $86 billion in 1981.

Summary of BEA Working Paper

"Measuring Nonmarket Economic Activity: BEA Working Papers"

THE six papers in this volume are part of the literature that recognizes that national economic well-being is derived from more than the marketed goods and services included in the national income and product accounts. They were written in 1979–81 to present preliminary research done at BEA on: (1) measuring the use of time in market and nonmarket activities, (2) valuing household work, (3) valuing services of consumer durables, (4) valuing services of government capital, (5) measuring investment in education and training, and (6) valuing the stock of natural resources.

"The Use of Time: A Classification Scheme and Estimates for 1975–76" *By John H. Gates and Martin Murphy*

This paper presents data on time use in 1975–76, classified as time devoted to market work, household work, human capital investment (e.g., education), travel, leisure, and maintenance (e.g., eating and sleeping). The classification scheme is discussed and variation in time use by age, sex, marital status, education, family income, and other socioeconomic characteristics is examined.

"The Value of Household Work in the United States, 1976" *By Martin Murphy*

This paper presents aggregate and per-person estimates of the value of household work by all persons 6 years of age and older in 1976. The estimates are derived using several valuation methods, and estimates vary widely by method.

"The Value of Services Provided by the Stock of Consumer Durables, 1947–79: Alternative User Cost Measures" *By Arnold J. Katz*

This paper presents user cost estimates of the service value, net return, and depreciation on the stock of consumer durables for 1947–79. Estimates are derived using alternative assumptions about the relative value of the services of old and new durables and the expected rate of inflation. These estimates are compared with each other and revised opportunity cost estimates.

"The Value of Services Provided by the Stock of Government-Owned Fixed Capital, 1948–79" *By Frank Martin, J. Steven Landefeld, and Janice Peskin*

This paper discusses alternative approaches to the measurement of the service value of government capital and presents alternative estimates for 1948–79. The focus of the paper is on the evaluation of conceptual and empirical difficulties associated with alternative approaches.

"Education and Training Costs: A Measurement Framework and Estimates for 1965–79" *By John H. Gates*

This paper presents estimates of education and training costs for 1965–79 by "institution," i.e., schools, businesses, government-sponsored training programs, and households. These costs consist of expenditures, cost of capital services (e.g., depreciation), and time costs. The view taken is that these costs represent investment, and their magnitude is compared with that of gross private domestic investment.

"Valuing Non-Renewable Natural Resources: The Mining Industries" *By J. Steven Landefeld and James R. Hines*

This paper compares three approaches to valuing the discovery and use (i.e., depletion) of non-renewable natural resources in the mining industries. The focus is on the evaluation of conceptual difficulties associated with alternative approaches.

This volume of 168 pages is BEA Working Paper 2. Copies may be ordered from the National Technical Information Service, 5285 Port Royal Road, Springfield, Virginia 22161. The price is $16.00, and the order accession number is PB 83-167-395.

National Income and Product Accounts Tables

New estimates in this issue: Fourth quarter and annual 1982, revised.

The abbreviations used in the tables are:

CCAdj	Capital consumption adjustment
IVA	Inventory valuation adjustment
NIPA's	National income and product accounts
p	Preliminary
r	Revised

The NIPA estimates for 1929-76 are in *The National Income and Product Accounts of the United States, 1929-76: Statistical Tables* (Stock No. 003-010-00101-1, price $10.00). Estimates for 1977-81 and corrections for earlier years are in the July 1982 SURVEY. These publications are available from the Superintendent of Documents and Commerce Department District Offices; see addresses inside front cover.

Table 1.1-1.2.—Gross National Product in Current and Constant Dollars

	Billions of dollars								Billions of 1972 dollars							
			Seasonally adjusted at annual rates								Seasonally adjusted at annual rates					
	1981	1982	1981	1982				1983	1981	1982	1981	1982				1983
			IV	I	II	III	IV	I p			IV	I	II	III	IV	I p
Gross national product	**2,937.7**	**3,059.3**	**3,003.2**	**2,995.5**	**3,045.2**	**3,088.2**	**3,108.2**	**3,176.7**	**1,502.6**	**1,476.9**	**1,490.1**	**1,470.7**	**1,478.4**	**1,481.1**	**1,477.2**	**1,488.5**
Personal consumption expenditures	**1,843.2**	**1,971.1**	**1,884.5**	**1,919.4**	**1,947.8**	**1,986.3**	**2,030.8**	**2,054.0**	**947.6**	**956.9**	**943.4**	**949.1**	**955.0**	**956.3**	**967.0**	**972.4**
Durable goods	234.6	242.7	229.6	237.9	240.7	240.3	251.8	256.4	140.0	138.8	134.1	137.5	138.3	136.4	142.8	144.5
Nondurable goods	734.5	762.1	746.5	749.1	755.0	768.4	775.7	776.4	362.4	365.0	363.1	362.2	364.5	365.9	367.6	369.8
Services	874.1	966.3	908.3	932.4	952.1	977.6	1,003.3	1,021.2	445.2	453.1	446.2	449.5	452.2	454.0	456.6	458.1
Gross private domestic investment	**471.5**	**420.3**	**468.9**	**414.8**	**431.5**	**443.3**	**391.5**	**430.6**	**225.8**	**196.9**	**218.9**	**195.4**	**202.3**	**206.3**	**183.5**	**199.5**
Fixed investment	451.1	444.1	455.7	450.4	447.7	438.6	439.9	459.1	216.9	206.1	214.1	210.8	206.7	202.9	203.8	211.9
Nonresidential	346.1	348.0	360.2	357.0	352.2	344.2	338.4	339.3	172.0	165.7	174.2	172.0	166.7	163.4	160.9	162.0
Structures	129.7	141.5	139.6	141.4	143.6	141.3	139.6	140.4	51.6	53.1	53.3	53.5	53.7	53.0	52.3	53.0
Producers' durable equipment	216.4	206.5	220.6	215.6	208.6	203.0	198.8	198.9	120.4	121.4	120.9	118.5	113.0	110.4	108.6	109.0
Residential	104.9	96.2	95.5	93.4	95.5	94.3	101.4	119.9	44.9	40.3	39.9	38.9	40.1	39.5	42.9	49.9
Nonfarm structures	99.7	90.5	89.4	87.9	89.6	88.7	95.7	114.0	42.1	37.4	36.7	36.0	37.0	36.6	40.0	47.0
Farm structures	2.1	2.5	2.9	2.4	2.8	2.4	2.5	2.5	.9	1.0	1.2	1.0	1.1	1.0	1.0	1.0
Producers' durable equipment	3.2	3.2	3.2	3.1	3.2	3.2	3.2	3.3	2.0	1.9	2.0	1.9	1.9	1.9	1.9	2.0
Change in business inventories	20.5	−23.8	13.2	−35.6	−16.2	4.7	−48.3	−28.5	9.0	−9.2	4.8	−15.4	−4.4	3.4	−20.3	−12.4
Nonfarm	15.0	−24.3	6.0	−36.0	−15.0	3.7	−50.0	−26.6	6.8	−9.4	1.6	−15.6	−3.8	2.9	−21.1	−11.4
Farm	5.5	.5	7.2	.4	−1.2	1.0	1.7	−1.9	2.1	.2	3.2	.2	−.6	.5	.8	−1.0
Net exports of goods and services	**26.1**	**20.5**	**23.5**	**31.3**	**34.9**	**6.9**	**9.1**	**16.6**	**42.0**	**31.8**	**36.5**	**36.9**	**35.7**	**27.5**	**27.2**	**24.0**
Exports	367.3	350.8	367.9	359.9	365.8	349.5	328.1	330.2	158.5	148.1	156.9	151.7	154.4	147.5	138.8	138.5
Imports	341.3	330.3	344.4	328.6	330.9	342.5	319.1	313.6	116.4	116.3	120.4	114.7	118.7	120.0	111.6	114.5
Government purchases of goods and services	**596.9**	**647.4**	**626.3**	**630.1**	**630.9**	**651.7**	**676.8**	**675.5**	**287.1**	**291.3**	**291.3**	**289.2**	**285.3**	**291.1**	**299.5**	**292.6**
Federal	228.9	257.9	250.5	249.7	244.3	259.0	278.7	271.9	110.4	116.4	116.0	114.4	110.3	116.2	124.7	117.5
National defense	153.7	178.6	166.9	166.2	176.2	182.7	189.3	191.6	73.5	78.6	76.1	74.5	78.2	80.6	81.0	81.1
Nondefense	75.2	79.3	83.6	83.5	68.2	76.3	89.4	80.3	36.8	37.8	39.9	39.8	32.1	35.5	43.7	36.4
State and local	368.0	389.4	375.7	380.4	386.6	392.7	398.0	403.6	176.7	174.9	175.3	174.9	175.0	174.9	174.8	175.1

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

	Billions of dollars								Billions of 1972 dollars							
			Seasonally adjusted at annual rates								Seasonally adjusted at annual rates					
	1981	1982	1981	1982				1983	1981	1982	1981	1982				1983
			IV	I	II	III	IV	I p			IV	I	II	III	IV	I p
Gross national product	**2,937.7**	**3,059.3**	**3,003.2**	**2,995.5**	**3,045.2**	**3,088.2**	**3,108.2**	**3,176.7**	**1,502.6**	**1,476.9**	**1,490.1**	**1,470.7**	**1,478.4**	**1,481.1**	**1,477.2**	**1,488.5**
Final sales	2,917.3	3,083.1	2,989.9	3,031.1	3,061.4	3,083.5	3,156.5	3,205.2	1,493.7	1,486.0	1,485.3	1,486.1	1,482.7	1,477.8	1,497.5	1,500.9
Change in business inventories	20.5	−23.8	13.2	−35.6	−16.2	4.7	−48.3	−28.5	9.0	−9.2	4.8	−15.4	−4.4	3.4	−20.3	−12.4
Goods	**1,289.2**	**1,280.4**	**1,298.4**	**1,269.4**	**1,283.1**	**1,295.5**	**1,273.5**	**1,302.3**	**689.5**	**661.3**	**678.0**	**661.8**	**663.2**	**665.1**	**655.3**	**660.2**
Final sales	1,268.7	1,304.2	1,285.2	1,305.0	1,299.3	1,290.7	1,321.8	1,330.8	680.5	670.5	673.2	677.2	667.5	661.7	675.6	672.6
Change in business inventories	20.5	−23.8	13.2	−35.6	−16.2	4.7	−48.3	−28.5	9.0	−9.2	4.8	−15.4	−4.4	3.4	−20.3	−12.4
Durable goods	528.1	493.3	504.9	482.4	505.9	516.9	467.9	486.2	293.1	266.1	275.1	265.0	272.3	274.0	253.0	261.0
Final sales	519.4	512.2	510.5	513.2	512.6	506.8	516.2	515.3	289.3	274.0	277.6	278.7	274.9	269.2	273.1	272.9
Change in business inventories	8.7	−18.9	−5.6	−30.9	−6.6	10.1	−48.3	−29.1	3.8	−7.9	−2.5	−13.7	−2.6	4.8	−20.1	−11.9
Nondurable goods	761.1	787.1	793.6	787.0	777.2	778.6	805.7	816.1	391.2	395.3	402.9	396.8	390.9	391.1	402.3	399.2
Final sales	749.4	792.0	774.7	791.8	786.7	783.9	805.6	815.5	391.2	396.5	395.6	398.5	392.6	392.5	402.5	399.7
Change in business inventories	11.7	−4.9	18.9	−4.8	−9.6	−5.4	0	.6	5.1	−1.3	7.3	−1.7	−1.7	−1.5	−.2	−.5
Services	**1,364.3**	**1,494.4**	**1,421.5**	**1,444.4**	**1,476.7**	**1,509.5**	**1,547.0**	**1,567.3**	**695.6**	**702.4**	**698.6**	**697.0**	**702.2**	**703.6**	**707.0**	**705.7**
Structures	**284.2**	**284.5**	**283.3**	**281.7**	**285.3**	**283.2**	**287.7**	**307.1**	**117.6**	**113.1**	**113.4**	**111.9**	**113.0**	**112.5**	**114.9**	**122.7**
Addenda:																
Gross domestic purchases [1]	2,911.7	3,038.8	2,979.7	2,964.2	3,010.3	3,081.3	3,099.2	3,160.1	1,460.6	1,445.0	1,453.6	1,433.8	1,442.6	1,453.7	1,449.9	1,464.5
Final sales to domestic purchasers [1]	2,891.2	3,062.6	2,966.5	2,999.8	3,026.5	3,076.6	3,147.5	3,188.6	1,451.6	1,454.2	1,448.8	1,449.2	1,447.0	1,450.3	1,470.2	1,476.9

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

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

	Billions of dollars								Billions of 1972 dollars							
			Seasonally adjusted at annual rates								Seasonally adjusted at annual rates					
	1981	1982	1981	1982				1983	1981	1982	1981	1982				1983
			IV	I	II	III	IV	I p			IV	I	II	III	IV	I p
Gross national product	**2,937.7**	**3,059.3**	**3,003.2**	**2,995.5**	**3,045.2**	**3,088.2**	**3,108.2**	**3,176.7**	**1,502.6**	**1,476.9**	**1,490.1**	**1,470.7**	**1,478.4**	**1,481.1**	**1,477.2**	**1,488.5**
Gross domestic product	**2,888.5**	**3,011.6**	**2,949.8**	**2,949.6**	**2,995.7**	**3,041.6**	**3,059.2**	**3,131.8**	**1,447.2**	**1,453.6**	**1,463.3**	**1,448.0**	**1,454.1**	**1,458.6**	**1,453.7**	**1,467.4**
Business	2,492.4	2,582.1	2,538.6	2,530.6	2,570.1	2,610.0	2,617.8	2,683.9	1,274.3	1,250.1	1,260.2	1,244.4	1,250.5	1,255.4	1,249.9	1,263.2
Nonfarm	2,418.5	2,504.9	2,467.4	2,465.1	2,494.4	2,530.2	2,529.7	2,598.7	1,236.8	1,209.3	1,221.5	1,210.0	1,212.2	1,214.4	1,200.4	1,217.5
Nonfarm less housing	2,188.9	2,255.2	2,229.9	2,222.8	2,247.9	2,278.0	2,272.0	2,336.6	1,105.5	1,076.4	1,089.9	1,077.9	1,079.5	1,081.3	1,066.9	1,083.4
Housing	229.6	249.7	237.4	242.3	246.5	252.3	257.7	262.2	131.4	132.8	131.6	132.0	132.6	133.1	133.5	134.0
Farm	75.8	75.6	78.4	72.9	74.8	76.1	78.4	75.4	38.4	40.1	42.3	38.1	38.0	39.3	44.8	41.1
Statistical discrepancy	−1.9	1.7	−7.2	−7.5	.8	3.6	9.7	9.7	−.9	.8	−3.6	−3.7	.4	1.7	4.6	4.6
Households and institutions	96.4	106.8	100.3	103.3	105.3	107.9	110.6	112.0	46.9	48.1	47.4	47.8	47.9	48.0	48.6	48.9
Private households	7.0	7.1	7.1	7.1	7.1	7.1	7.2	7.2	3.3	3.1	3.2	3.1	3.1	3.1	3.1	3.1
Nonprofit institutions	89.4	99.6	93.3	96.2	98.2	100.8	103.4	104.8	43.6	45.0	44.1	44.7	44.8	44.9	45.5	45.8
Government	299.7	322.7	310.9	315.8	320.3	323.8	330.9	335.9	156.0	155.4	155.8	155.7	155.7	155.2	155.2	155.3
Federal	92.3	99.8	97.9	98.6	98.9	99.1	102.4	103.6	49.7	49.8	49.8	49.8	49.8	49.8	49.9	50.0
State and local	207.4	222.9	213.0	217.1	221.4	224.7	228.4	232.3	106.3	105.6	106.0	106.0	105.9	105.4	105.3	105.3
Rest of the world	**49.2**	**47.7**	**53.3**	**45.8**	**49.5**	**46.6**	**49.0**	**44.9**	**25.4**	**23.2**	**26.7**	**22.7**	**24.2**	**22.5**	**23.4**	**21.1**
Addendum:																
Gross domestic business product less housing	2,253.5								1,141.4							

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

	Billions of dollars							
			Seasonally adjusted at annual rates					
	1981	1982	1981	1982				1983
			IV	I	II	III	IV	I p
Gross national product	**2,937.7**	**3,059.3**	**3,003.2**	**2,995.5**	**3,045.2**	**3,088.2**	**3,108.2**	**3,176.7**
Less:								
Capital consumption allowances with CCAdj	330.1	356.4	344.8	348.7	353.9	359.4	363.5	366.4
Capital consumption allowances	267.5	309.8	282.6	293.4	304.4	314.6	326.7	337.7
Less: CCAdj	−62.6	−46.6	−62.2	−55.3	−49.6	−44.8	−36.7	−28.6
Equals: Net national product	**2,607.9**	**2,702.9**	**2,658.4**	**2,646.7**	**2,691.2**	**2,728.9**	**2,744.7**	**2,810.3**
Less:								
Indirect business tax and nontax liability	251.3	258.8	255.3	250.2	256.7	261.7	266.4	272.1
Business transfer payments	12.4	13.7	12.8	13.1	13.5	13.8	14.3	14.5
Statistical discrepancy	−1.9	1.7	−7.2	−7.5	.8	3.6	9.7	.....
Plus: Subsidies less current surplus of government enterprises	6.6	7.8	7.0	6.0	4.9	5.8	14.5	9.2
Equals: National income	**2,352.5**	**2,436.6**	**2,404.5**	**2,396.9**	**2,425.2**	**2,455.6**	**2,468.8**	.....
Less:								
Corporate profits with IVA and CCAdj	190.6	160.8	183.9	157.1	155.4	166.2	164.6	.....
Net interest	235.7	264.9	249.5	258.7	267.5	268.1	265.3	266.9
Contributions for social insurance	238.1	253.8	243.5	250.8	253.0	255.2	256.2	266.5
Wage accruals less disbursements	0	0	−.1	−.2	0	0	0	0
Plus:								
Government transfer payments to persons	323.9	361.0	337.9	341.4	351.7	367.2	383.6	380.8
Personal interest income	329.0	371.2	351.0	359.7	372.0	378.2	374.6	377.6
Personal dividend income	62.5	67.0	65.2	65.8	66.1	67.2	68.8	69.8
Business transfer payments	12.4	13.7	12.8	13.1	13.5	13.8	14.3	14.5
Equals: Personal income	**2,415.8**	**2,569.9**	**2,494.6**	**2,510.5**	**2,552.7**	**2,592.5**	**2,624.0**	**2,648.3**

Table 1.8.—Relation of Gross National Product, Net National Product, and National Income in Constant Dollars

[Billions of 1972 dollars]

Gross national product	**1,502.6**	**1,476.9**	**1,490.1**	**1,470.7**	**1,478.4**	**1,481.1**	**1,477.2**	**1,488.5**
Less: Capital consumption allowances with CCAdj	155.6	161.6	157.8	159.3	160.8	162.2	164.2	164.8
Equals: Net national product	**1,347.0**	**1,315.2**	**1,332.2**	**1,311.4**	**1,317.6**	**1,318.9**	**1,312.9**	**1,323.7**
Less: Indirect business tax and nontax liability plus business transfer payments less subsidies plus current surplus of government enterprises	147.2	147.0	146.6	146.5	147.1	146.8	147.4	147.4
Statistical discrepancy	−.9	.8	−3.6	−3.7	.4	1.7	4.6	.....
Equals: National income	**1,200.8**	**1,167.5**	**1,189.2**	**1,168.5**	**1,170.1**	**1,170.4**	**1,160.9**	.....

Table 1.11.—National Income by Type of Income

	Billions of dollars							
			Seasonally adjusted at annual rates					
	1981	1982	1981	1982				1983
			IV	I	II	III	IV	I p
National income	**2,352.5**	**2,436.6**	**2,404.5**	**2,396.9**	**2,425.2**	**2,455.6**	**2,468.8**	.....
Compensation of employees	**1,767.6**	**1,856.5**	**1,813.4**	**1,830.8**	**1,850.7**	**1,868.3**	**1,876.1**	**1,908.5**
Wages and salaries	1,494.0	1,560.6	1,531.1	1,541.5	1,556.6	1,570.0	1,574.5	1,597.8
Government and government enterprises	283.1	302.3	292.3	296.3	300.0	303.5	309.2	313.2
Other	1,210.9	1,258.4	1,238.8	1,245.2	1,256.6	1,266.4	1,265.4	1,284.6
Supplements to wages and salaries	273.6	295.8	282.3	289.3	294.1	298.3	301.6	310.7
Employer contributions for social insurance	133.2	142.1	136.5	140.2	141.7	142.8	143.7	150.1
Other labor income	140.4	153.8	145.8	149.1	152.5	155.5	157.9	160.6
Proprietors' income with IVA and CCAdj	**124.7**	**120.3**	**124.1**	**116.4**	**117.3**	**118.4**	**128.9**	**128.5**
Farm	24.0	19.0	24.6	17.8	17.4	16.6	24.1	18.4
Proprietors' income with IVA	31.8	27.1	32.8	26.0	25.5	24.7	32.2	26.5
CCAdj	−7.9	−8.1	−8.2	−8.2	−8.1	−8.1	−8.0	−8.1
Nonfarm	100.7	101.3	99.5	98.6	99.9	101.7	104.8	110.1
Proprietors' income	100.3	94.5	97.7	93.8	94.5	94.4	95.2	97.6
IVA	−1.6	−.5	−1.2	0	−1.0	−.5	−.6	−.4
CCAdj	2.1	7.3	3.0	4.7	6.4	7.9	10.3	12.8
Rental income of persons with CCAdj	**33.9**	**34.1**	**33.6**	**33.9**	**34.2**	**34.6**	**33.9**	**35.3**
Rental income of persons	69.4	70.5	70.5	71.0	70.7	70.9	69.4	71.0
CCAdj	−35.5	−36.3	−36.9	−37.1	−36.4	−36.3	−35.6	−35.7
Corporate profits with IVA and CCAdj	**190.6**	**160.8**	**183.9**	**157.1**	**155.4**	**166.2**	**164.6**	.....
Corporate profits with IVA	207.5	165.7	199.4	167.2	162.2	170.0	163.3	.....
Profits before tax	232.1	174.9	216.5	171.6	171.7	180.3	175.9	.....
Profits tax liability	81.2	57.7	71.6	56.7	55.3	60.9	58.0	.....
Profits after tax	150.9	117.1	144.9	115.0	116.3	119.4	117.9	.....
Dividends	65.1	70.3	68.1	68.8	69.3	70.5	72.4	73.5
Undistributed profits	85.8	46.9	76.9	46.1	47.0	48.8	45.5	.....
IVA	−24.6	−9.2	−17.1	−4.4	−9.4	−10.3	−12.6	−.7
CCAdj	−16.8	−4.9	−15.5	−10.1	−6.9	−3.8	1.3	7.1
Net interest	**235.7**	**264.9**	**249.5**	**258.7**	**267.5**	**268.1**	**265.3**	**266.9**
Addenda:								
Corporate profits after tax with IVA and CCAdj	109.5	103.1	112.3	100.4	100.0	105.3	106.6	.....
Dividends	65.1	70.3	68.1	68.8	69.3	70.5	72.4	73.5
Undistributed profits with IVA and CCAdj	44.4	32.8	44.3	31.6	30.7	34.8	34.2	.....

Table 1.13.—Gross Domestic Product of Corporate Business in Current Dollars and Gross Domestic Product of Nonfinancial Corporate Business in Current and Constant Dollars

	Billions of dollars							
			Seasonally adjusted at annual rates					
	1981	1982	1981	1982				1983
			IV	I	II	III	IV	I p
Gross domestic product of corporate business	**1,837.1**	**1,891.2**	**1,873.1**	**1,863.1**	**1,882.7**	**1,911.2**	**1,907.9**	.....
Capital consumption allowances with CCAdj	206.2	225.1	216.0	218.9	223.4	227.5	230.6	232.7
Net domestic product	1,630.9	1,666.1	1,657.1	1,644.2	1,659.3	1,683.7	1,677.3	.....
Indirect business tax and nontax liability plus business transfer payments less subsidies	186.1	190.0	189.1	184.0	189.1	192.2	194.8	198.6
Domestic income	1,444.8	1,476.1	1,468.0	1,460.2	1,470.3	1,491.4	1,482.5	.....
Compensation of employees	1,224.5	1,271.3	1,251.5	1,259.5	1,270.7	1,278.7	1,276.2	1,298.6
Wages and salaries	1,024.8	1,057.6	1,046.6	1,049.7	1,057.8	1,063.4	1,059.6	1,075.5
Supplements to wages and salaries	199.7	213.6	204.9	209.8	212.9	215.3	216.6	223.0
Corporate profits with IVA and CCAdj	167.8	142.8	158.3	140.2	137.2	149.9	143.7	.....
Profits before tax	209.3	156.8	190.9	154.7	153.5	164.0	155.0	.....
Profits tax liability	81.2	57.7	71.6	56.7	55.3	60.9	58.0	.....
Profits after tax	128.1	99.1	119.3	98.1	98.2	103.1	97.0	.....
Dividends	50.8	60.2	54.6	56.0	58.0	60.6	66.1	61.7
Undistributed profits	77.3	38.9	64.7	42.0	40.2	42.4	30.8	.....
IVA	−24.6	−9.2	−17.1	−4.4	−9.4	−10.3	−12.6	−.7
CCAdj	−16.8	−4.9	−15.5	−10.1	−6.9	−3.8	1.3	7.1
Net interest	52.5	62.1	58.3	60.5	62.4	62.8	62.7	62.7
Gross domestic product of financial corporate business	**104.8**	**114.9**	**106.0**	**106.6**	**111.7**	**116.8**	**124.5**	.....
Gross domestic product of nonfinancial corporate business	**1,732.3**	**1,776.4**	**1,767.2**	**1,756.6**	**1,771.0**	**1,794.4**	**1,783.4**	.....
Capital consumption allowances with CCAdj	195.8	213.7	205.1	207.8	212.1	216.0	218.8	220.8
Net domestic product	1,536.5	1,562.7	1,562.0	1,548.8	1,559.0	1,578.4	1,564.6	.....
Indirect business tax and nontax liability plus business transfer payments less subsidies	178.3	182.1	181.3	176.3	181.2	184.2	186.6	190.3
Domestic income	1,358.2	1,380.6	1,380.8	1,372.4	1,377.8	1,394.2	1,378.0	.....
Compensation of employees	1,150.1	1,189.6	1,174.5	1,181.6	1,190.4	1,195.8	1,190.7	1,209.7
Wages and salaries	962.9	990.2	982.7	985.3	991.4	995.0	989.2	1,002.5
Supplements to wages and salaries	187.1	199.4	191.9	196.4	198.9	200.8	201.5	207.2
Corporate profits with IVA and CCAdj	145.6	118.7	138.2	120.3	114.8	125.3	114.3	.....
Profits before tax	186.6	133.0	170.5	134.8	131.3	139.8	126.3	.....
Profits tax liability	63.3	39.3	54.8	38.9	37.1	42.1	39.1	.....
Profits after tax	123.3	93.7	115.7	95.8	94.2	97.6	87.1	.....
Dividends	52.9	62.1	56.7	58.0	59.7	62.6	68.2	63.9
Undistributed profits	70.3	31.6	58.9	37.8	34.5	35.0	18.9	.....
IVA	−24.6	−9.2	−17.1	−4.4	−9.4	−10.3	−12.6	−.7
CCAdj	−16.3	−5.2	−15.1	−10.0	−7.1	−4.2	.6	6.2
Net interest	62.5	72.3	68.1	70.5	72.6	73.1	72.9	73.0
	Billions of 1972 dollars							
Gross domestic product of nonfinancial corporate business	**881.3**	**855.3**	**870.4**	**858.8**	**857.9**	**859.3**	**845.3**	.....
Capital consumption allowances with CCAdj	94.3	98.6	96.0	97.0	98.1	99.2	100.2	101.0
Net domestic product	787.0	756.7	774.5	761.8	759.8	760.1	745.1	.....
Indirect business tax and nontax liability plus business transfer payments less subsidies	94.7	94.8	94.7	94.6	95.0	94.6	95.0	95.3
Domestic income	692.2	661.9	679.8	667.2	664.8	665.5	650.1	.....

Table 1.14–1.15.—Auto Output in Current and Constant Dollars

	Billions of dollars								Billions of 1972 dollars							
			Seasonally adjusted at annual rates								Seasonally adjusted at annual rates					
	1981	1982	1981	1982				1983	1981	1982	1981	1982				1983
			IV	I	II	III	IV	I p			IV	I	II	III	IV	I p
Auto output	**69.2**	**65.9**	**58.3**	**53.5**	**69.9**	**75.2**	**65.1**	**75.4**	**41.5**	**37.6**	**34.4**	**31.3**	**39.7**	**42.3**	**37.2**	**42.5**
Final sales	**68.0**	**68.2**	**60.2**	**65.9**	**64.5**	**66.6**	**75.6**	**75.8**	**40.8**	**38.9**	**35.2**	**38.3**	**37.0**	**37.4**	**42.9**	**42.4**
Personal consumption expenditures	67.2	70.9	62.8	68.0	67.8	69.5	78.3	78.2	36.0	35.7	32.2	34.9	34.4	34.2	39.3	38.7
New autos	49.2	51.7	45.0	48.8	50.0	48.8	58.3	56.6	28.8	29.1	25.6	28.3	28.2	27.2	32.6	31.4
Net purchases of used autos	18.0	19.2	17.8	18.3	17.8	20.7	19.9	21.6	7.2	6.6	6.6	6.6	6.2	7.1	6.7	7.3
Producers' durable equipment	13.6	13.8	12.5	13.1	13.4	15.2	13.5	13.9	9.5	9.8	8.8	9.3	9.3	10.6	10.0	10.2
New autos	24.1	24.7	22.0	23.3	22.9	26.7	25.8	26.4	14.1	13.9	12.5	13.3	12.9	14.9	14.4	14.6
Net purchases of used autos	−10.5	−10.9	−9.4	−10.2	−9.5	−11.6	−12.3	−12.5	−4.6	−4.1	−3.7	−4.0	−3.6	−4.3	−4.4	−4.4
Net exports	−13.8	−17.5	−16.0	−16.1	−17.6	−19.1	−17.1	−17.2	−5.3	−7.3	−6.5	−6.6	−7.3	−8.1	−7.0	−7.1
Exports	4.0	2.9	2.8	2.6	3.4	3.4	2.4	3.4	2.3	1.6	1.6	1.5	1.9	1.8	1.3	1.8
Imports	17.8	20.4	18.9	18.7	21.0	22.5	19.5	20.6	7.7	8.9	8.0	8.0	9.2	9.9	8.4	9.0
Government purchases	1.0	.9	.9	.9	.9	1.0	.9	.9	.7	.6	.6	.6	.6	.7	.6	.6
Change in business inventories	**1.2**	**−2.2**	**−1.9**	**−12.4**	**5.4**	**−8.7**	**−10.6**	**−.4**	**−1.3**	**−1.3**	**−.8**	**−7.0**	**2.7**	**4.8**	**−5.8**	**.2**
New	.9	−2.4	−1.6	−12.7	5.8	9.1	−11.8	.2	.6	−1.4	−.7	−7.1	2.8	5.0	−6.2	.4
Used	.3	.2	−.3	.3	−.4	−.4	1.2	−.5	.1	.1	−.1	.1	−.1	−.1	.4	−.2
Addenda:																
Domestic output of new autos [1]	54.6	49.4	44.8	37.8	53.3	59.7	46.6	58.6	31.9	27.7	25.5	21.6	30.1	33.1	26.1	32.4
Sales of imported new autos [2]	24.5	28.5	25.2	27.6	26.6	28.1	31.5	30.1	14.3	16.0	14.4	15.7	15.0	15.7	17.6	16.7

Table 1.16–1.17.—Truck Output in Current and Constant Dollars

Truck output [1]	**27.8**	**29.4**	**27.7**	**29.4**	**32.9**	**30.3**	**25.0**	**28.6**	**13.3**	**13.8**	**12.9**	**13.9**	**15.6**	**14.0**	**11.5**	**13.1**
Final sales	**27.6**	**29.4**	**25.8**	**32.0**	**29.7**	**26.9**	**29.1**	**30.8**	**13.2**	**13.8**	**11.8**	**15.1**	**14.0**	**12.4**	**13.5**	**14.0**
Personal consumption expenditures	7.7	11.3	7.4	11.8	11.6	10.7	11.0	12.1	4.5	6.3	4.2	6.7	6.5	6.0	6.1	6.7
Producers' durable equipment	17.3	16.4	16.6	18.6	17.0	15.2	15.0	16.3	7.8	7.0	7.2	8.0	7.3	6.3	6.2	6.6
Net exports	−1.6	−2.8	−2.2	−2.6	−3.3	−3.7	−1.7	−2.7	−1.0	−1.5	−1.3	−1.5	−1.7	−1.8	−.9	−1.4
Exports	3.3	2.5	3.1	2.9	2.7	2.0	2.3	1.9	1.5	1.0	1.3	1.2	1.1	.8	.9	.8
Imports	4.9	5.3	5.3	5.5	6.0	5.7	4.0	4.6	2.5	2.5	2.6	2.7	2.8	2.7	1.9	2.1
Government purchases	4.3	4.6	4.0	4.3	4.5	4.7	4.9	5.1	1.9	1.9	1.7	1.8	1.9	2.0	2.0	2.1
Change in business inventories	**.2**	**0**	**1.9**	**−2.5**	**3.2**	**3.4**	**−4.1**	**−2.2**	**.1**	**0**	**1.0**	**−1.2**	**1.6**	**1.5**	**−1.9**	**−1.0**

Table 1.14–1.15:

1. Consists of final sales and change in business inventories of new autos produced in the United States.

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

Table 1.16–1.17:

1. Includes new trucks only.

Table 2.1.—Personal Income and Its Disposition

	Billions of dollars							
			Seasonally adjusted at annual rates					
	1981	1982	1981	1982				1983
			IV	I	II	III	IV	I p
Personal income	**2,415.8**	**2,569.9**	**2,494.6**	**2,510.5**	**2,552.7**	**2,592.5**	**2,624.0**	**2,648.3**
Wage and salary disbursements	**1,493.9**	**1,560.7**	**1,531.2**	**1,541.6**	**1,556.6**	**1,570.0**	**1,574.5**	**1,597.8**
Commodity-producing industries	510.8	509.9	517.7	514.3	513.6	510.2	501.6	509.8
Manufacturing	386.4	382.6	388.7	385.1	385.6	383.8	375.8	383.1
Distributive industries	361.4	376.0	368.3	371.4	375.4	378.4	378.8	381.7
Service industries	338.6	372.5	352.8	359.5	367.6	377.8	385.0	393.0
Government and government enterprises	283.1	302.3	292.4	296.5	300.0	303.5	309.2	313.2
Other labor income	**140.4**	**153.8**	**145.8**	**149.1**	**152.5**	**155.5**	**157.9**	**160.6**
Proprietors' income with IVA and CCAdj	**124.7**	**120.3**	**124.1**	**116.4**	**117.3**	**118.4**	**128.9**	**128.5**
Farm	24.0	19.0	24.6	17.8	17.4	16.6	24.1	18.4
Nonfarm	100.7	101.3	99.5	98.6	99.9	101.7	104.8	110.1
Rental income of persons with CCAdj	**33.9**	**34.1**	**33.6**	**33.9**	**34.2**	**34.6**	**33.9**	**35.3**
Personal dividend income	**62.5**	**67.0**	**65.2**	**65.8**	**66.1**	**67.2**	**68.8**	**69.8**
Personal interest income	**329.0**	**371.2**	**351.0**	**359.7**	**372.0**	**378.2**	**374.6**	**377.6**
Transfer payments	**336.3**	**374.7**	**350.7**	**354.6**	**365.2**	**381.0**	**397.8**	**395.3**
Old-age, survivors, disability, and health insurance benefits	182.0	204.5	192.8	194.7	197.5	209.2	216.6	216.8
Government unemployment insurance benefits	15.4	24.9	16.7	18.7	23.5	25.5	31.8	27.8
Veterans benefits	16.1	16.4	16.4	16.3	16.1	16.3	16.7	16.8
Government employees retirement benefits	49.2	54.0	50.8	51.5	54.4	54.9	55.4	56.0
Other transfer payments	73.6	74.9	74.0	73.3	73.8	75.2	77.4	77.8
Aid to families with dependent children	13.4	13.2	13.4	13.2	13.2	13.0	13.3	13.8
Other	60.3	61.7	60.6	60.1	60.6	62.1	64.1	64.0
Less: Personal contributions for social insurance	**104.9**	**111.7**	**107.0**	**110.6**	**111.4**	**112.4**	**112.5**	**116.4**
Less: Personal tax and nontax payments	**386.7**	**397.2**	**393.2**	**393.4**	**401.2**	**394.4**	**399.7**	**401.4**
Equals: Disposable personal income	**2,029.1**	**2,172.7**	**2,101.4**	**2,117.1**	**2,151.5**	**2,198.1**	**2,224.3**	**2,247.0**
Less: Personal outlays	**1,898.9**	**2,030.5**	**1,942.7**	**1,977.9**	**2,007.2**	**2,046.1**	**2,090.9**	**2,115.1**
Personal consumption expenditures	1,843.2	1,971.1	1,884.5	1,919.4	1,947.8	1,986.3	2,030.8	2,054.0
Interest paid by consumers to business	55.1	58.6	57.5	57.8	58.4	59.0	59.2	60.1
Personal transfer payments to foreigners (net)	.6	.8	.7	.8	.9	.8	.8	1.0
Equals: Personal saving	**130.2**	**142.2**	**158.6**	**139.1**	**144.3**	**152.0**	**133.4**	**131.9**
Addenda:								
Disposable personal income:								
Total, billions of 1972 dollars	1,043.1	1,054.8	1,051.9	1,046.9	1,054.8	1,058.3	1,059.1	1,063.8
Per capita:								
Current dollars	8,827	9,363	9,107	9,155	9,285	9,461	9,549	9,623
1972 dollars	4,538	4,545	4,559	4,527	4,552	4,555	4,547	4,556
Population (millions)	229.9	232.1	230.8	231.2	231.7	232.3	232.9	233.5
Personal saving as percentage of disposable personal income	**6.4**	**6.5**	**7.5**	**6.6**	**6.7**	**6.9**	**6.0**	**5.9**

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

	Billions of dollars							
			Seasonally adjusted at annual rates					
	1981	1982	1981	1982				1983
			IV	I	II	III	IV	I p
Personal consumption expenditures	**1,843.2**	**1,971.1**	**1,884.5**	**1,919.4**	**1,947.8**	**1,986.3**	**2,030.8**	**2,054.0**
Durable goods	**234.6**	**242.7**	**229.6**	**237.9**	**240.7**	**240.3**	**251.8**	**256.4**
Motor vehicles and parts	98.6	106.2	93.9	103.2	103.3	104.3	113.8	114.7
Furniture and household equipment	93.4	92.8	93.3	91.0	93.2	92.7	94.3	95.5
Other	42.6	43.7	42.4	43.7	44.2	43.3	43.7	46.1
Nondurable goods	**734.5**	**762.1**	**746.5**	**749.1**	**755.0**	**768.4**	**775.5**	**776.4**
Food	375.3	397.3	382.3	387.9	395.0	401.3	405.1	409.5
Clothing and shoes	114.6	118.6	116.0	117.5	118.4	119.1	119.4	120.0
Gasoline and oil	96.8	93.7	97.5	95.3	91.3	94.2	94.0	89.7
Other nondurable goods	147.9	152.4	150.7	148.4	150.4	153.8	157.2	157.3
Fuel oil and coal	19.7	17.7	19.2	17.3	17.3	18.4	17.6	15.2
Other	128.2	134.8	131.5	131.1	133.1	135.4	139.6	142.2
Services	**874.1**	**966.3**	**908.3**	**932.4**	**952.1**	**977.6**	**1,003.3**	**1,021.2**
Housing	295.3	324.6	307.0	314.5	320.4	328.2	335.4	341.3
Household operation	128.9	144.3	136.9	141.4	140.7	145.0	150.3	151.1
Electricity and gas	66.8	75.5	71.2	75.1	72.6	75.2	79.0	77.9
Other	62.1	68.9	65.7	66.3	68.1	69.9	71.3	73.2
Transportation	65.4	70.0	65.7	66.9	69.5	71.5	72.1	73.5
Other	384.4	427.4	398.7	409.6	421.5	432.9	445.5	455.2
	Billions of 1972 dollars							
Personal consumption expenditures	**947.6**	**956.9**	**943.4**	**949.1**	**955.0**	**956.3**	**967.0**	**972.4**
Durable goods	**140.0**	**138.8**	**134.1**	**137.5**	**138.3**	**136.4**	**142.8**	**144.5**
Motor vehicles and parts	54.2	55.6	50.0	54.9	54.4	53.8	59.4	59.2
Furniture and household equipment	61.6	59.1	60.4	58.5	59.4	58.9	59.7	60.4
Other	24.3	24.0	23.7	24.1	24.4	23.7	23.8	24.9
Nondurable goods	**362.4**	**365.0**	**363.1**	**362.2**	**364.5**	**365.9**	**367.6**	**369.8**
Food	181.4	184.0	182.0	181.7	183.0	184.9	186.4	187.9
Clothing and shoes	82.7	84.1	83.0	83.8	84.0	84.0	84.4	84.7
Gasoline and oil	25.7	26.5	25.8	26.2	27.2	26.5	26.2	27.0
Other nondurable goods	72.6	70.4	72.3	70.4	70.2	70.5	70.5	70.2
Fuel oil and coal	3.5	3.1	3.3	3.0	3.2	3.3	3.0	2.8
Other	69.1	67.3	69.0	67.4	67.1	67.2	67.5	67.4
Services	**445.2**	**453.1**	**446.2**	**449.5**	**452.2**	**454.0**	**456.6**	**458.1**
Housing	162.6	165.4	163.5	164.5	165.2	165.7	166.3	166.9
Household operation	63.5	64.0	64.4	64.5	63.4	63.7	64.5	64.2
Electricity and gas	24.6	24.7	25.2	25.6	24.1	24.3	24.9	24.4
Other	38.8	39.3	39.2	38.9	39.3	39.4	39.6	39.8
Transportation	32.4	32.4	31.7	31.9	32.5	32.7	32.4	32.6
Other	186.8	191.2	186.6	188.5	191.0	191.8	193.3	194.4

Table 3.14.—State and Local Government Social Insurance Funds Receipts and Expenditures

[Billions of dollars]

Receipts	**52.6**	**59.3**	**55.1**	**56.8**	**58.5**	**60.1**	**61.8**	**63.5**
Contributions for social insurance	33.8	37.2	35.1	36.0	36.9	37.7	38.4	39.2
Personal contribution	8.5	9.2	8.7	8.9	9.1	9.2	9.4	9.5
Employer contributions	25.3	28.1	26.3	27.1	27.8	28.4	29.1	29.7
Government and government enterprises	22.7	25.4	23.7	24.4	25.1	25.7	26.3	26.8
Other	2.5	2.7	2.6	2.6	2.7	2.7	2.8	2.9
Interest and dividends received	18.8	22.1	20.0	20.8	21.6	22.5	23.3	24.3
Expenditures	**20.8**	**23.0**	**21.7**	**22.3**	**22.8**	**23.3**	**23.7**	**24.2**
Administrative expenses (purchases of goods and services)	.6	.7	.6	.7	.7	.7	.7	.7
Transfer payments to persons	20.2	22.3	21.1	21.6	22.1	22.6	23.0	23.4
Surplus or deficit (−)	**31.8**	**36.3**	**33.3**	**34.5**	**35.7**	**36.9**	**38.0**	**39.3**

Table 3.14:

NOTE.—In this table, interest and dividends received are included in receipts; in tables 3.2 and 3.3, interest received and dividends received are netted against expenditures.

Table 3.2.—Federal Government Receipts and Expenditures

	Billions of dollars							
			Seasonally adjusted at annual rates					
	1981	1982	1981	1982				1983
			IV	I	II	III	IV	I p
Receipts	**628.2**	**613.9**	**625.7**	**609.9**	**617.0**	**613.7**	**615.0**	.....
Personal tax and nontax receipts	298.1	300.1	300.9	299.9	305.8	295.6	299.2	298.2
Income taxes	290.8	292.4	293.2	291.1	297.5	288.1	292.8	291.7
Estate and gift taxes	7.0	7.5	7.5	8.5	8.0	7.2	6.1	6.1
Nontaxes	.3	.3	.3	.3	.3	.3	.3	.4
Corporate profits tax accruals	67.3	47.2	59.1	46.5	45.2	49.8	47.3	.....
Indirect business tax and nontax accruals	58.5	50.0	57.2	48.7	49.8	50.8	50.7	51.4
Excise taxes	44.1	34.7	41.9	33.6	34.6	35.5	35.1	35.8
Customs duties	8.6	8.5	9.3	8.7	8.6	8.5	8.3	8.1
Nontaxes	5.8	6.8	6.1	6.3	6.6	6.8	7.3	7.6
Contributions for social insurance	204.3	216.6	208.4	214.9	216.2	217.5	217.8	227.3
Expenditures	**688.2**	**763.4**	**727.4**	**728.3**	**736.6**	**769.7**	**819.2**	**802.2**
Purchases of goods and services	228.9	257.9	250.5	249.7	244.3	259.0	278.7	271.9
National defense	153.7	178.6	166.9	166.2	176.2	182.7	189.3	191.6
Nondefense	75.2	79.3	83.6	83.5	68.2	76.3	89.4	80.3
Transfer payments	286.6	322.2	300.7	303.2	312.8	327.4	345.3	339.6
To persons	280.9	315.8	294.0	297.2	307.0	321.8	337.4	334.0
To foreigners	5.7	6.3	6.6	6.0	5.8	5.6	8.0	5.6
Grants-in-aid to State and local governments	87.7	83.7	83.6	83.0	85.0	82.0	84.6	85.8
Net interest paid	71.9	85.0	79.0	79.6	82.8	88.7	89.1	88.6
Interest paid	91.4	107.8	99.5	101.8	105.1	111.9	112.5	112.6
To persons and business	74.6	89.9	82.4	83.9	87.6	94.2	93.7	95.0
To foreigners	16.7	18.0	17.1	17.9	17.4	17.8	18.8	17.6
Less: Interest received	19.5	22.8	20.6	22.1	22.3	23.2	23.4	24.0
Subsidies less current surplus of government enterprises	13.1	14.6	13.6	12.7	11.6	12.6	21.4	16.2
Subsidies	12.2	14.1	13.8	13.7	12.6	11.8	18.1	15.0
Less: Current surplus of government enterprises	−.9	−.5	.3	1.1	1.0	−.8	−3.3	−1.2
Less: Wage accruals less disbursements	0	0	−.1	−.2	0	0	0	0
Surplus or deficit (−), NIPA's	**−60.0**	**−149.5**	**−101.7**	**−118.4**	**−119.6**	**−156.0**	**−204.2**	.....
Social insurance funds	−11.0	−30.6	−19.3	−16.4	−24.1	−36.5	−45.5	−32.3
Other	−49.0	−118.9	−82.4	−102.0	−95.5	−119.6	158.6	.....

Table 3.3.—State and Local Government Receipts and Expenditures

	Billions of dollars							
			Seasonally adjusted at annual rates					
	1981	1982	1981	1982				1983
			IV	I	II	III	IV	I p
Receipts	**416.8**	**437.2**	**421.5**	**424.2**	**434.3**	**440.5**	**450.0**	.....
Personal tax and nontax receipts	88.6	97.1	92.3	93.6	95.4	98.8	100.5	103.2
Income taxes	48.3	51.9	50.1	50.2	50.8	53.0	53.5	55.0
Nontaxes	32.0	36.4	33.7	34.8	35.9	37.0	38.0	39.0
Other	8.3	8.8	8.5	8.6	8.7	8.9	9.0	9.2
Corporate profits tax accruals	13.9	10.6	12.5	10.1	10.2	11.2	10.8	.....
Indirect business tax and nontax accruals	192.8	208.7	198.0	201.5	206.9	210.9	215.7	220.7
Sales taxes	90.4	95.3	91.8	92.6	95.0	96.1	97.7	99.3
Property taxes	75.1	83.6	77.8	79.8	81.8	84.7	88.0	91.4
Other	27.2	29.9	28.4	29.2	30.0	30.2	30.1	30.0
Contributions for social insurance	33.8	37.2	35.1	36.0	36.9	37.7	38.4	39.2
Federal grants-in-aid	87.7	83.7	83.6	83.0	85.0	82.0	84.6	85.8
Expenditures	**385.0**	**405.1**	**392.4**	**396.5**	**402.2**	**408.2**	**413.5**	**419.0**
Purchases of goods and services	368.0	389.4	375.7	380.4	386.6	392.7	398.0	403.6
Compensation of employees	207.4	222.9	213.0	217.1	221.4	224.7	228.4	232.3
Other	160.6	166.5	162.7	163.2	165.2	168.0	169.6	171.2
Transfer payments to persons	43.0	45.1	43.9	44.3	44.7	45.4	46.2	46.7
Net interest paid	−16.9	−19.5	−17.8	−18.5	−19.2	−19.8	−20.2	−20.5
Interest paid	23.7	28.0	25.3	26.4	27.4	28.5	29.7	30.9
Less: Interest received	40.6	47.5	43.1	44.9	46.7	48.3	49.9	51.5
Less: Dividends received	2.6	3.3	2.8	3.0	3.2	3.3	3.5	3.7
Subsidies less current surplus of government enterprises	−6.5	−6.8	−6.6	−6.6	−6.7	−6.8	−6.9	−7.0
Subsidies	.4	.5	.4	.4	.4	.5	.5	.5
Less: Current surplus of government enterprises	6.9	7.2	7.0	7.1	7.2	7.3	7.4	7.5
Less: Wage accruals less disbursements	0	0	0	0	0	0	0	0
Surplus or deficit (−), NIPA's	**31.7**	**32.1**	**29.1**	**27.7**	**32.1**	**32.3**	**36.4**	.....
Social insurance funds	31.8	36.3	33.3	34.5	35.7	36.9	38.0	39.3
Other	−.1	−4.1	−4.2	−6.8	−3.6	−4.5	−1.6	.....

Table 3.7B–3.8B.—Government Purchases of Goods and Services by Type in Current and Constant Dollars

	Billions of dollars								Billions of 1972 dollars							
			Seasonally adjusted at annual rates								Seasonally adjusted at annual rates					
	1981	1982	1981	1982				1983	1981	1982	1981	1982				1983
			IV	I	II	III	IV	I p			IV	I	II	III	IV	I p
Government purchases of goods and services	**596.9**	**647.4**	**626.3**	**630.1**	**630.9**	**651.7**	**676.8**	**675.5**	**287.1**	**291.3**	**291.3**	**289.2**	**285.3**	**291.1**	**299.5**	**292.6**
Federal	**228.9**	**257.9**	**250.5**	**249.7**	**244.3**	**259.0**	**278.7**	**271.9**	**110.4**	**116.4**	**116.0**	**114.4**	**110.3**	**116.2**	**124.7**	**117.5**
National defense	153.7	178.6	166.9	166.2	176.2	182.7	189.3	191.6	73.5	78.6	76.1	74.5	78.2	80.6	81.0	81.1
Durable goods	40.1	49.0	42.7	43.1	48.9	51.7	52.2	55.2	19.7	21.7	20.1	19.9	21.7	22.8	22.3	23.4
Nondurable goods	12.6	13.9	13.2	13.6	13.4	13.2	15.5	15.4	2.6	2.9	2.6	2.8	2.8	2.7	3.0	3.0
Services	98.0	112.1	107.6	106.0	110.7	113.8	118.0	117.2	49.9	52.5	51.8	50.3	52.3	53.4	54.1	53.1
Compensation of employees	60.8	67.2	65.6	66.3	66.5	66.8	69.2	70.0	32.8	33.3	33.1	33.2	33.3	33.3	33.5	33.6
Military	35.6	40.2	39.4	39.7	39.8	39.9	41.4	41.6	19.3	19.6	19.4	19.5	19.5	19.6	19.6	19.6
Civilian	25.2	27.0	26.2	26.5	26.7	26.9	27.9	28.4	13.5	13.8	13.6	13.7	13.7	13.8	13.9	13.9
Other services	37.2	44.9	42.0	39.8	44.1	47.0	48.7	47.3	17.1	19.2	18.8	17.1	19.1	20.1	20.6	19.6
Structures	3.0	3.6	3.4	3.5	3.3	4.0	3.7	3.8	1.4	1.6	1.5	1.5	1.4	1.7	1.6	1.6
Nondefense	75.2	79.3	83.6	83.5	68.2	76.3	89.4	80.3	36.8	37.8	39.9	39.8	32.1	35.5	43.7	36.4
Durable goods	2.5	2.7	2.5	2.8	2.6	2.5	2.8	2.9	1.3	1.3	1.2	1.3	1.3	1.2	1.3	1.4
Nondurable goods	11.0	15.0	18.9	18.4	4.8	12.8	23.9	13.6	4.1	6.8	7.9	8.1	1.4	5.0	12.7	5.3
Services	55.0	55.7	55.7	56.1	54.7	55.1	56.8	57.7	28.4	27.1	27.9	27.7	26.8	26.8	27.1	27.1
Compensation of employees	31.5	32.6	32.2	32.4	32.4	32.3	33.2	33.6	16.9	16.5	16.7	16.6	16.5	16.5	16.4	16.4
Other services	23.5	23.1	23.5	23.7	22.3	22.7	23.7	24.1	11.5	10.6	11.2	11.1	10.3	10.3	10.6	10.7
Structures	6.8	6.0	6.4	6.3	6.0	6.0	5.9	6.1	3.1	2.6	2.8	2.7	2.6	2.6	2.5	2.6
State	**368.0**	**389.4**	**375.7**	**380.4**	**386.6**	**392.7**	**398.0**	**403.6**	**176.7**	**174.9**	**175.3**	**174.9**	**175.0**	**174.9**	**174.8**	**175.1**
Durable goods	12.0	12.5	12.2	12.3	12.4	12.5	12.8	13.0	6.0	6.0	5.9	5.9	5.9	5.9	6.0	6.1
Nondurable goods	30.3	32.2	31.3	31.7	31.8	32.4	32.8	32.3	11.4	11.9	11.6	11.7	11.8	11.9	12.0	12.1
Services	282.8	304.4	290.6	296.1	302.3	306.9	312.1	317.9	140.7	139.7	139.9	140.0	140.0	139.5	139.3	139.4
Compensation of employees	207.4	222.9	213.0	217.1	221.4	224.7	228.4	232.3	106.3	105.6	106.0	106.0	105.9	105.4	105.3	105.3
Other services	75.4	81.4	77.6	79.0	80.8	82.3	83.7	85.6	34.4	34.1	33.9	34.0	34.1	34.1	34.0	34.1
Structures	42.9	40.4	41.6	40.3	40.1	40.8	40.3	40.4	18.6	17.4	17.9	17.2	17.2	17.6	17.4	17.5

Table 4.1–4.2.—Foreign Transactions in the National Income and Product Accounts in Current and Constant Dollars

	Millions of dollars								Billions of 1972 dollars							
			Seasonally adjusted at annual rates								Seasonally adjusted at annual rates					
	1981	1982	1981	1982				1983	1981	1982	1981	1982				1983
			IV	I	II	III	IV	I p			IV	I	II	III	IV	I p
Receipts from foreigners	**368.4**	**350.8**	**369.0**	**359.9**	**365.8**	**349.5**	**328.1**	**330.2**								
Exports of goods and services	367.3	350.8	367.9	359.9	365.8	349.5	328.1	330.2	158.5	148.1	156.9	151.7	154.4	147.5	138.8	138.5
Merchandise	231.9	209.4	227.8	221.4	218.9	207.3	190.0	195.8	89.8	80.3	87.6	84.0	83.5	79.8	73.8	76.2
Durable goods	134.4	119.4	130.1	123.9	123.9	121.0	108.8	110.7	51.8	43.2	48.6	45.2	44.8	43.7	39.1	39.5
Nondurable goods	97.4	90.0	97.8	97.5	95.0	86.3	81.2	85.2	38.0	37.1	39.0	38.8	38.7	36.1	34.7	36.7
Services	135.5	141.4	140.1	138.5	146.8	142.2	138.1	134.4	68.7	67.8	69.3	67.7	70.9	67.7	64.9	62.3
Factor income [1]	86.1	88.3	89.5	85.9	93.8	88.4	85.1	80.1	44.5	43.0	44.8	42.5	45.9	42.7	40.7	37.7
Other	49.4	53.1	50.6	52.6	53.0	53.8	53.0	54.3	24.2	24.8	24.5	25.1	25.0	24.9	24.2	24.6
Capital grants received by the United States (net)	1.1	0	1.1	0	0	0	0	0								
Payments to foreigners	**368.4**	**350.8**	**369.0**	**359.9**	**365.8**	**349.5**	**328.1**	**330.2**								
Imports of goods and services	341.3	330.3	344.4	328.6	330.9	342.5	319.1	313.6	116.4	116.3	120.4	114.7	118.7	120.0	111.6	114.5
Merchandise	260.1	244.8	263.5	243.9	241.1	256.5	237.7	232.4	79.1	78.5	83.8	76.7	78.6	82.2	76.6	80.1
Durable goods	123.7	123.7	130.5	125.4	127.7	127.4	114.2	125.0	51.9	51.4	55.2	51.6	52.0	53.2	49.0	52.9
Nondurable goods	136.4	121.1	133.1	118.5	113.4	129.1	123.5	107.4	27.2	27.1	28.6	25.1	26.6	29.1	27.5	27.2
Services	81.1	85.5	80.9	84.7	89.8	86.0	81.3	81.2	37.4	37.7	36.6	38.1	40.1	37.8	35.0	34.4
Factor income [1]	36.9	40.6	36.1	40.0	44.3	41.8	36.1	35.2	19.1	19.8	18.1	19.8	21.7	20.2	17.3	16.6
Other	44.2	44.9	44.8	44.7	45.5	44.2	45.2	46.0	18.3	18.0	18.5	18.2	18.4	17.6	17.7	17.9
Transfer payments (net)	6.3	7.2	7.3	6.9	6.7	6.4	8.8	6.5								
From persons (net)	.6	.8	.7	.8	.9	.8	.8	1.0								
From government (net)	5.7	6.3	6.6	6.0	5.8	5.6	8.0	5.6								
Interest paid by government to foreigners	16.7	18.0	17.1	17.9	17.4	17.8	18.8	17.6								
Net foreign investment	4.1	−4.6	.1	6.5	10.8	−17.3	−18.5	−7.5								

Table 4.1–4.2:
1. Equals rest-of-the-world production as shown in tables 1.5–1.6.

Table 4.3–4.4.—Merchandise Exports and Imports by Type of Product and by End-Use Category in Current and Constant Dollars

	Billions of dollars								Billions of 1972 dollars							
			Seasonally adjusted at annual rates								Seasonally adjusted at annual rates					
	1981	1982	1981	1982				1983	1981	1982	1981	1982				1983
			IV	I	II	III	IV	I p			IV	I	II	III	IV	I p
Merchandise exports	**231.9**	**209.4**	**227.8**	**221.4**	**218.9**	**207.3**	**190.0**	**195.8**	**89.8**	**80.3**	**87.6**	**84.0**	**83.5**	**79.8**	**73.8**	**76.2**
Foods, feeds, and beverages	38.3	32.1	35.7	36.0	36.6	29.0	26.9	31.8	15.5	14.7	15.7	15.7	16.4	13.7	13.1	15.3
Industrial supplies and materials	65.4	61.6	67.1	66.5	63.1	59.4	57.4	56.8	22.3	21.7	22.9	22.9	21.9	21.2	20.7	20.8
Durable goods	20.4	17.0	19.4	17.9	17.6	16.5	16.1	15.8	7.0	6.0	6.6	6.1	6.1	5.9	5.8	5.8
Nondurable goods	45.0	44.6	47.7	48.6	45.4	42.9	41.3	41.0	15.4	15.7	16.7	16.7	15.8	15.3	14.9	15.0
Capital goods, except autos	81.7	74.2	80.8	77.4	77.1	74.2	67.9	67.5	32.9	27.4	31.2	29.0	28.6	27.3	24.6	24.2
Autos	19.1	16.7	16.8	17.3	17.9	17.7	13.9	17.0	6.7	5.3	5.5	5.6	5.7	5.6	4.5	5.4
Consumer goods	16.3	14.7	15.5	14.7	15.3	14.7	14.2	14.2	8.1	7.3	7.6	7.2	7.6	7.3	7.2	7.2
Durable goods	7.7	6.5	7.1	6.6	6.8	6.4	6.1	6.1	3.2	2.6	2.9	2.6	2.7	2.5	2.4	2.4
Nondurable goods	8.6	8.2	8.4	8.1	8.5	8.2	8.1	8.1	5.0	4.7	4.7	4.5	4.8	4.8	4.8	4.8
Other	11.1	10.1	11.9	9.5	8.9	12.4	9.8	8.5	4.3	3.9	4.6	3.6	3.4	4.8	3.8	3.3
Durable goods	5.5	5.1	5.9	4.8	4.4	6.2	4.9	4.3	2.1	1.9	2.3	1.8	1.7	2.4	1.9	1.7
Nondurable goods	5.5	5.1	5.9	4.8	4.4	6.2	4.9	4.3	2.1	1.9	2.3	1.8	1.7	2.4	1.9	1.7
Merchandise imports	**260.1**	**244.8**	**263.5**	**243.9**	**241.1**	**256.5**	**237.7**	**232.4**	**79.1**	**78.5**	**83.8**	**76.7**	**78.6**	**82.2**	**76.6**	**80.1**
Foods, feeds, and beverages	18.1	17.2	17.2	14.9	17.2	19.1	17.7	18.4	7.0	7.2	7.2	6.1	7.2	8.1	7.4	7.6
Industrial supplies and materials, excluding petroleum	56.3	50.7	56.8	54.1	51.2	50.6	46.8	48.3	19.0	17.7	19.4	18.3	17.7	17.9	16.8	17.7
Durable goods	33.3	27.9	33.2	31.7	29.1	27.0	23.9	24.8	11.2	9.7	11.3	10.7	10.0	9.5	8.6	9.0
Nondurable goods	23.0	22.8	23.6	22.4	22.2	23.6	22.8	23.5	7.8	8.0	8.1	7.6	7.7	8.4	8.3	8.6
Petroleum and products	77.6	61.2	72.4	62.6	53.7	65.8	62.9	44.0	6.0	5.1	5.8	5.0	4.5	5.5	5.2	3.9
Capital goods, except autos	34.6	35.5	37.3	35.1	36.4	36.6	33.7	36.5	18.0	18.2	20.1	17.9	18.2	19.1	17.7	18.9
Autos	29.7	33.5	31.4	30.6	35.7	37.3	30.4	36.2	10.3	10.7	10.4	9.8	11.6	11.8	9.7	11.2
Consumer goods	38.7	39.6	41.9	40.5	38.2	40.6	39.2	42.0	16.7	16.8	18.3	17.1	16.0	17.1	16.9	18.0
Durable goods	23.5	23.3	25.3	24.9	22.2	23.3	22.6	24.0	11.3	11.4	12.1	11.9	10.5	11.4	11.7	12.4
Nondurable goods	15.1	16.4	16.7	15.6	16.0	17.3	16.6	18.0	5.4	5.4	6.2	5.1	5.5	5.7	5.2	5.7
Other	5.2	7.1	6.5	6.0	8.8	6.5	7.1	7.0	2.1	2.8	2.7	2.4	3.5	2.6	2.9	2.8
Durable goods	2.6	3.6	3.3	3.0	4.4	3.3	3.5	3.5	1.0	1.4	1.3	1.2	1.7	1.3	1.4	1.4
Nondurable goods	2.6	3.5	3.3	3.0	4.4	3.2	3.5	3.5	1.0	1.4	1.3	1.2	1.7	1.3	1.4	1.4
Addenda:																
Exports:																
Agricultural products	44.3	37.8	42.4	42.0	42.6	33.9	32.7	36.4	18.0	17.3	18.5	18.4	19.2	15.9	15.7	17.3
Nonagricultural products	187.6	171.6	185.5	179.4	176.3	173.3	157.3	159.5	71.8	63.0	69.1	65.5	64.3	63.9	58.2	58.9
Imports of nonpetroleum products	182.6	183.6	191.2	181.3	187.5	190.7	174.9	188.4	73.1	73.4	78.0	71.6	74.1	76.7	71.3	76.2

Table 5.1.—Gross Saving and Investment

	Billions of dollars							
			Seasonally adjusted at annual rates					
	1981	1982	1981	1982				1983
			IV	I	II	III	IV	I [p]
Gross saving	**477.5**	**414.0**	**476.3**	**428.8**	**441.5**	**422.4**	**363.3**	.....
Gross private saving	**504.7**	**531.4**	**547.7**	**519.4**	**529.0**	**546.1**	**531.1**	.....
Personal saving	130.2	142.2	158.6	139.1	144.3	152.0	133.4	131.9
Undistributed corporate profits with IVA and CCAdj	44.4	32.8	44.3	31.6	30.7	34.8	34.2	.....
Undistributed profits	85.8	46.9	76.9	46.1	47.0	48.8	45.5	.....
IVA	−24.6	−9.2	−17.1	−4.4	−9.4	−10.3	−12.6	−.7
CCAdj	−16.8	−4.9	−15.5	−10.1	−6.9	−3.8	1.3	7.1
Capital consumption allowances with CCAdj:								
Corporate	206.2	225.1	216.0	218.9	223.4	227.5	230.6	232.7
Noncorporate	123.9	131.3	128.7	129.8	130.5	131.9	132.9	133.6
Wage accruals less disbursements	0	0	0	0	0	0	0	0
Government surplus or deficit (−), NIPA's	**−28.2**	**−117.4**	**−72.5**	**−90.7**	**−87.5**	**−123.7**	**−167.7**	.....
Federal	−60.0	−149.5	−101.7	−118.4	−119.6	−156.0	−204.2	.....
State and local	31.7	32.1	29.1	27.7	32.1	32.3	36.4	.....
Capital grants received by the United States (net)	**1.1**	**0**	**1.1**	**0**	**0**	**0**	**0**	**0**
Gross investment	**475.6**	**415.7**	**469.0**	**421.3**	**422.3**	**426.0**	**373.1**	**423.1**
Gross private domestic investment	471.5	420.3	468.9	414.8	431.5	443.3	391.5	430.6
Net foreign investment	4.1	−4.6	.1	6.5	10.8	−17.3	−18.5	−7.5
Statistical discrepancy	**−1.9**	**1.7**	**−7.2**	**−7.5**	**.8**	**3.6**	**9.7**	.....

Table 5.8–5.9.—Change in Business Inventories by Industry in Current and Constant Dollars

Change in business inventories	**20.5**	**−23.8**	**13.2**	**−35.6**	**−16.2**	**4.7**	**−48.3**	**−28.5**
Farm	5.5	.5	7.2	.4	−1.2	1.0	1.7	−1.9
Nonfarm	15.0	−24.3	6.0	−36.0	−15.0	3.7	−50.0	−26.6
Change in book value	43.5	−14.0	26.6	−30.5	−4.6	14.8	−35.9	−25.5
IVA [1]	−28.6	−10.3	−20.5	−5.6	−10.4	−11.1	−14.1	−1.2
Manufacturing	6.0	−21.5	−8.7	−17.8	−21.0	−12.6	−34.6	−14.1
Durable goods	4.4	−15.1	−7.2	−14.8	−9.1	−8.5	−28.0	−14.0
Nondurable goods	1.7	−6.4	−1.4	−3.0	−11.9	−4.2	−6.6	−.1
Wholesale trade	2.8	−2.7	10.4	−12.5	2.4	2.1	−2.7	−15.8
Durable goods	2.7	−2.9	5.3	−6.6	−.7	3.8	−8.2	−14.4
Nondurable goods	.1	.3	5.1	−5.8	3.1	−1.7	5.5	−1.4
Merchant wholesalers	3.0	−.5	10.9	−8.1	7.6	1.7	−2.9	−15.0
Durable goods	2.8	−1.6	6.3	−5.1	0	4.6	−6.2	−13.7
Nondurable goods	.3	1.2	4.6	−3.1	7.5	−3.0	3.3	−1.3
Nonmerchant wholesalers	−.2	−2.2	−.5	−4.3	−5.1	.4	.2	−.9
Durable goods	0	−1.3	−1.0	−1.5	−.7	−.8	−2.1	−.8
Nondurable goods	−.2	−.9	.5	−2.8	−4.4	1.3	2.2	−.1
Retail trade	6.5	−.6	1.7	−8.7	2.9	15.5	−12.1	1.6
Durable goods	2.6	−.7	−1.0	−8.6	3.2	14.8	−12.2	−.8
Nondurable goods	3.8	.1	2.7	0	−.3	.7	.1	2.3
Other	−.3	.4	2.7	2.9	.7	−1.3	−.6	1.8
Durable goods	−1.0	−.2	−2.7	−.8	0	−.1	.1	0
Nondurable goods	.7	.6	5.4	3.7	.7	−1.2	−.6	1.7
	Billions of 1972 dollars							
Change in business inventories	**9.0**	**−9.2**	**4.8**	**−15.4**	**−4.4**	**3.4**	**−20.3**	**−12.4**
Farm	2.1	.2	3.2	.2	−.6	.5	.8	−1.0
Nonfarm	6.8	−9.4	1.6	−15.6	−3.8	2.9	−21.1	−11.4
Change in book value	.....	.....	.....	.....	.....	.....	.....	.....
IVA [1]	.....	.....	.....	.....	.....	.....	.....	.....
Manufacturing	2.6	−8.7	−3.6	−8.1	−7.3	−5.0	−14.4	−6.4
Durable goods	1.9	−6.3	−3.1	−6.5	−3.7	−3.6	−11.5	−5.9
Nondurable goods	.7	−2.4	−.5	−1.6	−3.7	−1.4	−2.9	−.4
Wholesale trade	1.5	−.7	4.5	−4.5	1.8	1.1	−1.4	−6.3
Durable goods	1.2	−1.1	2.3	−2.7	−.4	1.7	−3.2	−5.7
Nondurable goods	.3	.4	2.2	−1.9	2.2	−.6	1.9	−.6
Merchant wholesalers	1.5	0	4.8	−3.4	2.8	1.3	−.6	−5.8
Durable goods	1.2	−.6	2.7	−2.0	−.1	2.0	−2.4	−5.4
Nondurable goods	.3	.6	2.1	−1.4	2.9	−.7	1.8	−.4
Nonmerchant wholesalers	0	−.8	−.3	−1.1	−1.0	−.3	−.8	−.5
Durable goods	0	−.5	−.4	−.7	−.3	−.4	−.9	−.3
Nondurable goods	0	−.2	.1	−.5	−.7	.1	.1	−.2
Retail trade	3.1	−.2	.6	−4.0	1.3	7.1	−5.2	.8
Durable goods	1.2	−.3	−.4	−4.2	1.4	6.8	−5.4	−.2
Nondurable goods	1.8	.1	1.0	.2	−.1	.3	.2	1.1
Other	−.2	.3	.2	1.0	.4	−.3	−.1	.4
Durable goods	−.5	−.1	−1.2	−.3	0	0	0	0
Nondurable goods	.2	.3	1.4	1.4	.4	−.2	−.2	.4

Table 5.10–5.11.—Inventories and Final Sales of Business in Current and Constant Dollars

	Billions of dollars					
	Seasonally adjusted quarterly totals					
	1981	1982				1983
	IV	I	II	III	IV	I [p]
Inventories [1]	**822.4**	**809.7**	**812.5**	**816.0**	**803.6**	**801.6**
Farm	81.8	84.5	86.4	83.5	80.9	84.1
Nonfarm	740.5	725.2	726.1	732.5	722.8	717.5
Durable goods	421.8	412.3	413.0	419.2	409.5	405.0
Nondurable goods	318.8	312.9	313.1	313.4	313.3	312.5
Manufacturing	366.4	358.1	352.7	351.3	343.4	340.9
Durable goods	236.8	231.4	229.9	229.5	223.5	220.8
Nondurable goods	129.6	126.7	122.7	121.8	119.9	120.0
Wholesale trade	163.0	158.4	160.8	161.9	161.9	158.0
Durable goods	103.0	101.5	102.0	104.0	102.6	99.8
Nondurable goods	60.0	56.9	58.8	57.9	59.4	58.2
Merchant wholesalers	130.8	128.5	131.7	132.5	132.4	129.3
Durable goods	86.9	85.9	86.5	88.6	87.6	84.8
Nondurable goods	43.9	42.6	45.2	43.9	44.8	44.5
Nonmerchant wholesalers	32.2	29.9	29.1	29.4	29.5	28.7
Durable goods	16.1	15.6	15.5	15.4	15.0	15.0
Nondurable goods	16.1	14.3	13.6	14.0	14.5	13.7
Retail trade	140.7	137.6	140.2	145.6	143.2	144.0
Durable goods	64.1	61.8	63.3	67.8	65.5	66.2
Nondurable goods	76.6	75.8	77.0	77.7	77.7	77.8
Other	70.5	71.1	72.4	73.7	74.2	74.6
Final sales [2]	**210.4**	**213.8**	**215.5**	**217.1**	**222.2**	**226.0**
Final sales of goods and structures	**130.7**	**132.2**	**132.1**	**131.2**	**134.1**	**136.5**
Ratio: Inventories to final sales	3.91	3.79	3.77	3.76	3.62	3.55
Nonfarm inventories to final sales	3.52	3.39	3.37	3.37	3.25	3.17
Nonfarm inventories to final sales of goods and structures	5.67	5.48	5.50	5.58	5.39	5.26
	Billions of 1972 dollars					
Inventories [1]	**347.6**	**343.7**	**342.6**	**343.5**	**338.4**	**335.3**
Farm	43.2	43.3	43.1	43.3	43.4	43.2
Nonfarm	304.4	300.5	299.5	300.2	295.0	292.1
Durable goods	184.5	181.0	180.4	181.6	176.6	173.6
Nondurable goods	119.9	119.4	119.1	118.6	118.4	118.5
Manufacturing	148.4	146.4	144.6	143.3	139.7	138.1
Durable goods	101.8	100.1	99.2	98.3	95.4	94.0
Nondurable goods	46.7	46.3	45.4	45.0	44.3	44.2
Wholesale trade	66.5	65.3	65.8	66.1	65.7	64.1
Durable goods	44.5	43.8	43.7	44.1	43.3	41.9
Nondurable goods	22.0	21.5	22.1	21.9	22.4	22.3
Merchant wholesalers	55.3	54.5	55.2	55.5	55.4	53.9
Durable goods	37.4	36.9	36.9	37.4	36.8	35.5
Nondurable goods	17.9	17.6	18.3	18.1	18.6	18.5
Nonmerchant wholesalers	11.1	10.9	10.6	10.5	10.3	10.2
Durable goods	7.1	6.9	6.8	6.7	6.5	6.4
Nondurable goods	4.1	4.0	3.8	3.8	3.8	3.8
Retail trade	66.1	65.1	65.4	67.2	65.9	66.1
Durable goods	30.3	29.3	29.7	31.3	30.0	29.9
Nondurable goods	35.7	35.8	35.7	35.8	35.9	36.1
Other	23.4	23.6	23.7	23.7	23.6	23.7
Final sales [2]	**104.6**	**105.0**	**104.6**	**104.3**	**105.8**	**106.3**
Final sales of goods and structures	**65.6**	**65.8**	**65.0**	**64.5**	**65.9**	**66.3**
Ratio: Inventories to final sales	3.32	3.27	3.28	3.29	3.20	3.15
Nonfarm inventories to final sales	2.91	2.86	2.86	2.88	2.79	2.75
Nonfarm inventories to final sales of goods and structures	4.64	4.57	4.60	4.65	4.48	4.41

Table 5.10–5.11:

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 quarter rates, whereas CBI is stated at annual rates. Quarter-to-quarter changes calculated from the constant-dollar inventories shown in 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 5.8–5.9:

1. The IVA shown in this table differs from that which adjusts business income. 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. The mix differs from that underlying business income derived primarily from Internal Revenue Service statistics.

Table 6.4.—National Income Without Capital Consumption Adjustment by Industry

	Billions of dollars							
			Seasonally adjusted at annual rates					
	1981	1982	1981	1982				1983
			IV	I	II	III	IV	I p
National income without CCAdj	**2,410.6**	**2,478.6**	**2,462.1**	**2,447.6**	**2,470.1**	**2,495.8**	**2,500.9**	.....
Domestic industries	**2,361.4**	**2,430.9**	**2,408.8**	**2,401.7**	**2,420.6**	**2,449.3**	**2,451.9**	.....
Private industries	**2,025.4**	**2,070.0**	**2,060.9**	**2,048.6**	**2,062.6**	**2,086.6**	**2,082.1**	.....
Agriculture, forestry, and fisheries	68.7	68.5	71.6	66.1	66.6	66.5	74.8	.....
Mining	44.9	44.7	49.0	49.3	45.5	42.9	41.0	.....
Construction	113.4	113.2	113.4	112.9	112.8	112.9	114.2	.....
Manufacturing	580.8	551.7	573.1	555.2	556.0	560.4	535.3	.....
Durable goods	344.8	318.9	336.7	323.1	326.8	324.1	301.4	.....
Nondurable goods	236.0	232.8	236.4	232.1	229.1	236.3	233.9	.....
Transportation and public utilities	190.9	199.9	197.7	198.5	200.2	201.0	199.8	.....
Transportation	87.0	86.1	86.5	85.3	87.1	86.9	84.9	.....
Communication	55.3	59.5	58.3	59.3	59.2	60.1	59.5	.....
Electric, gas, and sanitary services	48.6	54.3	52.8	53.8	53.9	54.0	55.4	.....
Wholesale trade	155.8	155.3	162.9	157.3	154.6	155.4	153.9	.....
Retail trade	197.5	207.5	199.1	203.6	205.7	209.1	211.7	.....
Finance, insurance, and real estate	324.2	348.4	331.5	336.4	345.0	352.7	359.3	.....
Services	349.4	380.8	362.7	369.3	376.1	385.6	392.2	.....
Government and government enterprises	**336.0**	**360.9**	**347.9**	**353.2**	**358.0**	**362.7**	**369.8**	.....
Rest of the world	**49.2**	**47.7**	**53.3**	**45.8**	**49.5**	**46.6**	**49.0**	**44.9**

Table 6.20.—Corporate Profits by Industry

	Billions of dollars							
			Seasonally adjusted at annual rates					
	1981	1982	1981	1982				1983
			IV	I	II	III	IV	I p
Corporate profits with IVA and CCAdj	**190.6**	**160.8**	**183.9**	**157.1**	**155.4**	**166.2**	**164.6**	.....
Domestic industries	**167.8**	**142.8**	**158.3**	**140.2**	**137.2**	**149.9**	**143.7**	.....
Financial	22.2	24.1	20.1	19.9	22.4	24.7	29.4	.....
Nonfinancial	145.6	118.7	138.2	120.3	114.8	125.3	114.3	.....
Rest of the world	**22.8**	**18.1**	**25.7**	**16.9**	**18.2**	**16.3**	**20.9**	.....
Corporate profits with IVA	**207.5**	**165.7**	**199.4**	**167.2**	**162.2**	**170.0**	**163.3**	.....
Domestic industries	**184.6**	**147.6**	**173.7**	**150.3**	**144.1**	**153.7**	**142.4**	.....
Financial	22.7	23.8	20.4	20.0	22.2	24.2	28.7	.....
Federal Reserve Banks	14.5	15.7	15.6	16.1	16.0	15.8	14.9	.....
Other	8.1	8.1	4.8	3.9	6.2	8.4	13.9	.....
Nonfinancial	162.0	123.9	153.3	130.4	121.9	129.5	113.7	.....
Manufacturing	86.3	55.9	73.7	57.7	56.6	62.7	46.7	.....
Durable goods	28.4	8.5	18.9	9.1	12.7	12.2	0	.....
Primary metal industries	4.1	−5.2	.7	−3.1	−6.5	−5.4	−5.9	.....
Fabricated metal products	4.9	4.0	3.4	4.4	3.8	4.7	3.1	.....
Machinery, except electrical	9.3	4.6	9.9	8.3	4.8	3.7	1.8	.....
Electric and electronic equipment	5.1	3.1	4.3	3.6	3.7	3.2	1.7	.....
Motor vehicles and equipment	−1.1	.2	−1.8	−4.1	3.3	3.2	−1.4	.....
Other	6.2	1.7	2.4	0	3.5	2.7	.7	.....
Nondurable goods	57.9	47.4	54.7	48.6	43.9	50.5	46.7	.....
Food and kindred products	8.7	6.7	8.1	6.7	6.3	7.0	6.7	.....
Chemicals and allied products	8.2	5.4	7.8	6.5	5.8	5.1	4.1	.....
Petroleum and coal products	26.6	23.6	24.7	25.4	20.4	25.9	22.5	.....
Other	14.4	11.8	14.1	10.0	11.4	12.5	13.3	.....
Transportation and public utilities	19.1	18.6	21.2	18.8	18.5	19.2	17.8	.....
Wholesale and retail trade	33.4	28.7	35.7	31.9	26.8	27.4	28.6	.....
Other	23.1	20.7	22.7	21.9	20.0	20.3	20.6	.....
Rest of the world	**22.8**	**18.1**	**25.7**	**16.9**	**18.2**	**16.3**	**20.9**	.....

Table 7.1.—Implicit Price Deflators for Gross National Product

	Index numbers, 1972=100							
			Seasonally adjusted					
	1981	1982	1981	1982				1983
			IV	I	II	III	IV	I p
Gross national product	**195.51**	**207.15**	**201.55**	**203.68**	**205.98**	**208.51**	**210.42**	**213.41**
Personal consumption expenditures	**194.5**	**206.0**	**199.8**	**202.2**	**204.0**	**207.7**	**210.0**	**211.2**
Durable goods	167.5	174.9	171.3	173.0	174.0	176.1	176.3	177.4
Nondurable goods	202.7	208.8	205.6	206.8	207.1	210.0	211.0	210.0
Services	196.3	213.3	203.6	207.4	210.6	215.3	219.7	222.9
Gross private domestic investment								
Fixed investment	208.0	215.5	212.9	213.6	216.6	216.2	215.8	216.7
Nonresidential	201.3	210.0	206.8	207.6	211.3	210.7	210.4	209.5
Structures	251.5	266.4	261.9	264.5	267.6	266.7	266.8	264.9
Producers' durable equipment	179.8	183.4	182.5	181.9	184.6	183.8	183.1	182.5
Residential	233.6	238.5	239.2	240.5	238.6	238.8	236.3	240.0
Nonfarm structures	237.1	241.9	243.3	244.3	242.1	242.3	239.2	242.8
Farm structures	236.9	242.7	242.7	243.8	242.0	241.9	243.3	246.1
Producers' durable equipment	159.4	168.4	162.8	165.7	168.1	169.4	170.3	170.5
Change in business inventories	.....	.....	.....	.....	.....	.....	.....	.....
Net exports of goods and services								
Exports	231.8	236.9	234.5	237.3	236.8	236.9	236.5	238.4
Imports	293.1	284.1	286.1	286.4	278.8	285.4	286.0	273.9
Government purchases of goods and services	**207.9**	**222.3**	**215.0**	**217.8**	**221.1**	**223.9**	**226.0**	**230.9**
Federal	207.4	221.6	216.0	218.3	221.6	223.0	223.5	231.4
National defense	209.0	227.2	219.5	223.0	225.2	226.5	233.6	236.2
Nondefense	204.2	210.1	209.4	209.6	212.6	214.9	204.8	220.6
State and local	208.2	222.7	214.3	217.5	220.9	224.5	227.8	230.5

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

	Fixed-weighted price indexes, 1972=100							
			Seasonally adjusted					
	1981	1982	1981	1982				1983
			IV	I	II	III	IV	I p
Gross national product	**202.0**	**214.6**	**208.4**	**210.8**	**213.0**	**216.0**	**218.6**	**220.4**
Personal consumption expenditures	**202.1**	**213.8**	**207.5**	**209.9**	**211.6**	**215.4**	**218.4**	**219.4**
Durable goods	172.9	181.4	177.4	179.0	181.0	182.6	183.0	183.7
Nondurable goods	212.8	218.7	215.9	217.2	216.4	219.7	221.6	219.9
Services	202.1	220.4	209.9	213.8	217.6	222.6	227.4	231.0
Gross private domestic investment								
Fixed investment	220.9	230.8	226.8	229.2	230.4	232.0	231.8	233.9
Nonresidential	213.5	225.7	219.3	222.0	225.0	227.4	228.7	230.0
Structures	237.3	248.9	243.0	245.7	248.6	250.0	251.4	251.8
Producers' durable equipment	199.8	212.3	205.6	208.4	211.5	214.5	215.7	217.5
Residential	235.0	240.4	241.2	242.7	240.7	240.7	237.7	241.3
Change in business inventories	.....	.....	.....	.....	.....	.....	.....	.....
Net exports of goods and services								
Exports	239.3	245.7	242.5	245.6	246.3	245.2	245.5	247.0
Imports	319.0	315.2	314.0	319.1	313.6	313.6	314.3	311.9
Government purchases of goods and services	**212.2**	**226.2**	**219.3**	**222.4**	**224.5**	**227.2**	**230.8**	**233.1**
Federal	214.7	230.2	223.9	227.1	228.4	230.1	235.0	237.1
National defense	219.7	236.5	230.1	233.4	234.6	236.3	241.6	244.0
Nondefense	201.7	214.0	207.9	211.0	212.6	214.2	218.1	219.7
State and local	210.6	223.5	216.1	219.2	221.9	225.2	228.0	230.5
Addenda:								
Gross domestic purchases [1]	207.2	219.1	213.0	215.6	217.3	220.4	223.1	224.5
Final sales	202.0	214.6	208.4	210.9	213.0	216.1	218.7	220.4
Final sales to domestic purchasers [1]	207.2	219.2	213.0	215.6	217.4	220.5	223.2	224.6
Personal consumption expenditures, food	208.8	217.4	211.7	215.3	217.3	218.4	218.5	219.0
Personal consumption expenditures, energy	359.6	362.2	366.1	361.9	348.9	364.1	373.7	358.4
Other personal consumption expenditures	185.5	199.1	191.6	194.3	197.3	200.8	204.0	206.6
Gross domestic product	202.1	214.7	208.5	210.9	213.0	216.1	218.7	220.4
Business	203.4	215.4	209.4	211.8	213.8	216.8	219.2	220.7
Nonfarm	203.3	.....	.....	.....	.....	.....	.....	.....

Table 7.1–7.2:

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

Table 7.3.—Implicit Price Deflators for Gross National Product by Major Type of Product

	Index numbers, 1972=100							
			Seasonally adjusted					
	1981	1982	1981	1982				1983
			IV	I	II	III	IV	I [p]
Gross national product	**195.51**	**207.15**	**201.55**	**203.68**	**205.98**	**208.51**	**210.42**	**213.41**
Final sales	195.3	207.5	201.3	204.0	206.5	208.7	210.8	213.5
Change in business inventories								
Goods	**187.0**	**193.6**	**191.5**	**191.8**	**193.5**	**194.8**	**194.4**	**197.3**
Final sales	186.4	194.5	190.9	192.7	194.6	195.1	195.7	197.9
Change in business inventories								
Durable goods	180.2	185.4	183.5	182.0	185.8	188.6	184.9	186.3
Final sales	179.5	187.0	183.9	184.2	186.5	188.3	189.0	188.9
Change in business inventories								
Nondurable goods	192.0	199.1	197.0	198.3	198.8	199.1	200.3	204.4
Final sales	191.5	199.7	195.8	198.7	200.4	199.7	200.2	204.0
Change in business inventories								
Services	**196.1**	**212.7**	**203.5**	**207.2**	**210.3**	**214.5**	**218.8**	**222.1**
Structures	**241.8**	**251.6**	**249.7**	**251.8**	**252.5**	**251.9**	**250.4**	**250.4**
Addenda:								
Gross domestic purchases [1]	199.3	210.3	205.0	206.7	208.7	212.0	213.7	215.8
Final sales to domestic purchasers [1]	199.2	210.6	204.8	207.0	209.2	212.1	214.1	215.9

Table 7.4.—Implicit Price Deflators for Gross National Product by Sector

Gross national product	**195.51**	**207.15**	**201.55**	**203.68**	**205.98**	**208.51**	**210.42**	**213.41**
Gross domestic product	**195.5**	**207.2**	**201.6**	**203.7**	**206.0**	**208.5**	**210.4**	**213.4**
Business	195.6	206.6	201.4	203.3	205.5	207.9	209.4	212.5
Nonfarm	195.5	207.1	202.0	203.7	205.8	208.4	210.7	213.4
Nonfarm less housing	198.0	209.5	204.6	206.2	208.2	210.7	213.0	215.7
Housing	174.8	188.0	180.4	183.5	185.9	189.6	193.0	195.6
Farm	197.4	188.6	185.5	191.1	197.1	193.5	174.9	183.6
Statistical discrepancy	195.6	206.6	201.4	203.3	205.5	207.9	209.4	212.5
Households and institutions	205.5	222.0	211.9	216.1	219.8	224.8	227.3	228.9
Private households	212.1	231.2	218.4	232.7	229.4	231.8	230.9	230.1
Nonprofit institutions	205.0	221.4	211.4	215.0	219.1	224.3	227.0	228.8
Government	192.1	207.6	199.6	202.8	205.7	208.7	213.2	216.3
Federal	185.7	200.3	196.7	198.2	198.6	199.0	205.3	207.4
State and local	195.0	211.0	200.9	204.9	209.0	213.2	217.0	220.6
Rest of the world	**193.6**	**205.5**	**199.5**	**201.8**	**204.3**	**206.9**	**209.1**	**212.3**
Addendum:								
Gross domestic business product less housing	198.0							

Table 7.5.—Implicit Price Deflators for the Relation of Gross National Product, Net National Product, and National Income

Gross national product	**195.51**	**207.15**	**201.55**	**203.68**	**205.98**	**208.51**	**210.42**	**213.41**
Less: Capital consumption allowances with CCAdj	212.1	220.5	218.5	218.9	220.1	221.6	221.3	222.3
Equals: Net national product	**193.6**	**205.5**	**199.5**	**201.8**	**204.3**	**206.9**	**209.1**	**212.3**
Less:								
Indirect business tax and nontax liability plus business transfer payments less subsidies plus current surplus of government enterprises	174.7	180.1	178.0	175.6	180.4	183.7	180.6	188.2
Statistical discrepancy	195.6	206.6	201.4	203.3	205.5	207.9	209.4	
Equals: National income	**195.9**	**208.7**	**202.2**	**205.1**	**207.3**	**209.8**	**212.7**	

Table 7.3:
1. Gross domestic purchases equals GNP less exports plus imports; final sales to domestic purchasers equals final sales less exports plus imports.

Table 7.7:
1. Equals the deflator for gross domestic product of nonfinancial corporate business with the decimal point shifted two places to the left.

Table 7.8:
1. Consists of final sales and change in business inventories of new autos produced in the United States.
2. Consists of personal consumption expenditures, producers' durable equipment, and government purchases.

Table 7.9:
1. Includes new trucks only.

Table 7.7.—Current-Dollar Cost and Profit Per Unit of Constant-Dollar Gross Domestic Product of Nonfinancial Corporate Business

	Dollars							
			Seasonally adjusted					
	1981	1982	1981	1982				1983
			IV	I	II	III	IV	I [p]
Current-dollar cost and profit per unit of constant-dollar gross domestic product [1]	**1.966**	**2.077**	**2.030**	**2.045**	**2.064**	**2.088**	**2.110**	
Capital consumption allowances with CCAdj	.222	.250	.236	.242	.247	.251	.259	
Net domestic product	**1.743**	**1.827**	**1.795**	**1.803**	**1.817**	**1.837**	**1.851**	
Indirect business tax and nontax liability plus business transfer payments less subsidies	.202	.213	.208	.205	.211	.214	.221	
Domestic income	1.541	1.614	1.586	1.598	1.606	1.623	1.630	
Compensation of employees	1.305	1.391	1.349	1.376	1.388	1.392	1.409	
Corporate profits with IVA and CCAdj	.165	.139	.159	.140	.134	.146	.135	
Profits tax liability	.072	.046	.063	.045	.043	.049	.046	
Profits after tax with IVA and CCAdj	.093	.093	.096	.095	.091	.097	.089	
Net interest	.071	.085	.078	.082	.085	.085	.086	

Table 7.8.—Implicit Price Deflators for Auto Output

	Index numbers, 1972=100							
			Seasonally adjusted					
	1981	1982	1981	1982				1983
			IV	I	II	III	IV	I [p]
Auto output	**166.8**	**175.3**	**169.7**	**171.0**	**176.0**	**178.0**	**175.2**	**177.4**
Final sales	**166.5**	**175.2**	**171.3**	**172.2**	**174.3**	**177.9**	**176.3**	**179.0**
Personal consumption expenditures	186.8	198.5	195.0	194.9	196.9	203.0	199.2	202.4
New autos	170.9	177.8	175.4	175.5	177.0	179.5	179.0	180.5
Net purchases of used autos								
Producers' durable equipment	142.8	140.9	142.6	140.7	144.4	143.6	135.0	135.6
New autos	171.4	178.1	175.6	175.8	177.2	179.8	179.2	180.8
Net purchases of used autos								
Net exports								
Exports	172.8	181.0	180.2	178.8	180.0	182.8	182.2	183.4
Imports	232.1	229.8	234.6	232.9	227.5	226.9	232.9	229.1
Government purchases	144.1	144.2	143.2	143.0	144.6	146.2	142.9	143.6
Change in business inventories								
Addenda:								
Domestic output of new autos [1]	171.3	178.0	175.7	175.2	177.2	180.2	178.4	180.9
Sales of imported new autos [2]	171.1	177.9	175.5	175.6	177.1	179.5	179.1	180.5

Table 7.9.—Implicit Price Deflators for Truck Output

Truck output [1]	**208.6**	**213.8**	**215.3**	**211.5**	**210.9**	**217.0**	**216.7**	**218.9**
Final sales	**209.4**	**214.0**	**217.8**	**211.7**	**212.1**	**216.2**	**216.3**	**219.1**
Personal consumption expenditures	171.2	177.7	175.4	175.6	177.0	179.6	179.1	180.6
Producers' durable equipment	221.7	236.0	231.4	231.1	234.0	240.0	240.7	245.9
Net exports								
Exports	219.7	235.7	228.9	231.1	233.4	239.9	240.7	246.1
Imports	195.5	210.3	201.6	201.9	210.4	215.8	214.3	216.7
Government purchases	221.8	236.6	231.4	231.0	234.0	240.0	240.7	245.9
Change in business inventories								

Table 7.11.—Implicit Price Deflators for Personal Consumption Expenditures by Major Type of Product

Personal consumption expenditures	**194.5**	**206.0**	**199.8**	**202.2**	**204.0**	**207.7**	**210.0**	**211.2**
Durable goods	**167.5**	**174.9**	**171.3**	**173.0**	**174.0**	**176.1**	**176.3**	**177.4**
Motor vehicles and parts	181.8	190.8	188.0	188.0	189.8	193.8	191.6	193.7
Furniture and household equipment	151.7	157.0	154.4	155.7	156.8	157.4	158.0	158.2
Other	175.6	182.1	179.0	181.2	180.7	182.6	184.0	185.0
Nondurable goods	**202.7**	**208.8**	**205.6**	**206.8**	**207.1**	**210.0**	**211.0**	**210.0**
Food	206.9	215.9	210.1	213.4	215.8	217.1	217.3	217.9
Clothing and shoes	138.5	141.0	139.7	140.2	140.8	141.7	141.4	141.6
Gasoline and oil	376.7	353.4	378.5	363.9	335.9	355.6	359.0	332.7
Other nondurable goods	203.8	216.5	208.5	210.7	214.1	218.2	223.0	224.2
Fuel oil and coal	571.6	565.4	580.7	568.5	544.1	562.4	588.3	547.7
Other	185.4	200.3	190.7	194.6	198.5	201.4	206.8	210.9
Services	**196.3**	**213.3**	**203.6**	**207.4**	**210.6**	**215.3**	**219.7**	**222.9**
Housing	181.6	196.2	187.8	191.1	193.9	198.1	201.7	204.5
Household operation	203.2	225.4	212.6	219.1	221.9	227.6	232.9	235.2
Electricity and gas	270.9	305.1	282.9	293.4	300.9	309.0	317.3	319.3
Other	160.1	175.2	167.5	170.3	173.4	177.3	179.9	183.7
Transportation	201.9	216.1	207.3	209.7	213.7	218.4	222.5	225.9
Other	205.8	223.5	213.7	217.2	220.6	225.6	230.4	234.1

Table 7.14B.—Implicit Price Deflators for Government Purchases of Goods and Services by Type

	Index numbers, 1972=100							
			Seasonally adjusted at annual rates					
	1981	1982	1981	1982				1983
			IV	I	II	III	IV	I p
Government purchases of goods and services	**207.9**	**222.3**	**215.0**	**217.8**	**221.1**	**223.9**	**226.0**	**230.9**
Federal	**207.4**	**221.6**	**216.0**	**218.3**	**221.6**	**223.0**	**223.5**	**231.4**
National defense	209.0	227.2	219.5	223.0	225.2	226.5	233.6	236.2
Durable goods	203.5	225.9	212.6	216.4	225.4	227.0	233.6	236.0
Nondurable goods	486.9	488.1	503.0	479.5	472.2	484.4	514.5	514.3
Services	196.5	213.4	207.5	210.8	211.5	213.0	218.1	220.7
Compensation of employees	185.3	201.7	198.5	199.6	200.0	200.4	207.0	208.5
Military	184.8	205.6	203.1	203.5	203.6	203.8	211.3	211.6
Civilian	186.0	196.3	192.0	194.0	194.8	195.5	200.9	204.1
Other services	217.9	233.7	223.4	232.7	231.7	233.9	236.1	241.6
Structures	221.5	232.6	227.5	231.4	235.4	233.8	230.0	232.5
Nondefense	204.2	210.1	209.4	209.6	212.6	214.9	204.8	220.6
Durable goods	194.0	211.0	202.9	206.3	209.8	213.7	214.8	213.6
Nondurable goods								
Services	193.3	205.5	199.5	202.6	203.9	205.4	210.0	212.9
Compensation of employees	186.5	197.4	193.1	195.3	196.0	196.4	201.9	205.0
Other services	203.4	218.1	209.0	213.4	216.7	219.9	222.5	225.1
Structures	222.6	231.8	227.8	230.5	231.8	232.6	232.5	233.1
State and local	**208.2**	**222.7**	**214.3**	**217.5**	**220.9**	**224.5**	**227.8**	**230.5**
Durable goods	200.5	209.6	206.0	206.5	208.4	210.9	212.6	214.3
Nondurable goods	265.3	271.6	269.5	270.5	269.6	272.3	273.9	267.2
Services	183.8	217.9	207.7	211.6	215.8	220.0	224.0	228.0
Compensation of employees	195.0	211.0	200.9	204.9	209.0	213.2	217.0	220.6
Other services	219.5	239.0	229.0	232.3	236.9	241.1	245.8	250.9
Structures	230.3	232.5	232.3	233.6	232.8	232.1	231.3	231.3

Table 7.16.—Implicit Price Deflators for Exports and Imports of Goods and Services

	Index numbers, 1972=100							
			Seasonally adjusted at annual rates					
	1981	1982	1981	1982				1983
			IV	I	II	III	IV	I p
Exports of goods and services	**231.8**	**236.9**	**234.5**	**237.3**	**236.8**	**236.9**	**236.5**	**238.4**
Merchandise	258.3	260.8	260.2	263.6	262.0	259.7	257.3	256.9
Durable goods	259.5	276.2	267.8	274.0	276.4	276.8	278.0	280.2
Nondurable goods	256.6	242.7	250.7	251.4	245.5	238.9	234.0	231.9
Services	197.3	208.6	202.1	204.7	207.2	210.1	212.7	215.8
Factor income	193.7	205.4	199.5	201.8	204.3	206.9	209.1	212.3
Other	203.8	214.1	206.6	209.5	212.5	215.7	218.9	221.1
Imports of goods and services	**293.1**	**284.1**	**286.1**	**286.4**	**278.8**	**285.4**	**286.0**	**273.9**
Merchandise	329.0	311.8	314.3	318.1	306.7	312.0	310.6	290.3
Durable goods	238.4	240.4	236.4	242.9	245.5	239.7	233.1	236.4
Nondurable goods	501.9	447.5	464.6	473.0	426.4	444.1	448.4	395.1
Services	217.1	226.5	221.3	222.5	224.1	227.5	232.3	235.8
Factor income	193.6	205.4	199.5	201.8	204.2	206.9	209.0	212.3
Other	241.7	249.6	242.5	245.0	247.5	251.2	255.0	257.6

Table 7.17.—Implicit Price Deflators for Merchandise Exports and Imports by Type of Product and by End-Use Category

	Index numbers, 1972=100							
			Seasonally adjusted at annual rates					
	1981	1982	1981	1982				1983
			IV	I	II	III	IV	I p
Merchandise exports	**258.3**	**260.8**	**260.2**	**263.6**	**262.0**	**259.7**	**257.3**	**256.9**
Foods, feeds, and beverages	246.9	218.2	228.0	228.6	223.3	212.2	205.4	208.2
Industrial supplies and materials	293.2	284.3	292.6	291.0	287.8	280.7	277.1	273.3
Durable goods	293.2	284.3	292.5	291.0	287.8	280.8	277.2	273.4
Nondurable goods	293.2	284.4	292.6	291.0	287.8	280.7	277.1	273.3
Capital goods, except autos	248.4	270.9	258.6	266.6	269.7	271.9	276.4	278.6
Autos	286.4	312.0	303.4	308.7	315.0	313.6	310.5	314.8
Consumer goods	200.7	201.5	204.2	205.6	202.9	200.3	197.0	197.0
Durable goods	244.1	251.6	248.3	249.8	249.3	254.2	253.2	252.5
Nondurable goods	173.1	174.1	177.4	179.8	176.5	171.8	168.7	169.0
Other	258.3	260.5	260.0	263.4	262.1	259.8	257.1	256.7
Durable goods	258.3	260.5	260.0	263.4	262.3	259.8	257.1	256.7
Nondurable goods	258.3	260.5	260.0	263.4	262.0	259.8	257.1	256.7
Merchandise imports	**329.0**	**311.8**	**314.3**	**318.1**	**306.7**	**312.0**	**310.6**	**290.3**
Foods, feeds, and beverages	259.3	239.3	238.2	243.4	239.4	235.2	240.3	243.4
Industrial supplies and materials, excluding petroleum	296.8	286.9	293.5	296.1	290.1	282.7	277.9	273.6
Durable goods	296.9	288.2	293.7	296.6	290.4	284.4	279.4	274.6
Nondurable goods	296.7	285.3	293.2	295.5	289.7	280.9	276.3	272.5
Petroleum and products	1,297.1	1,206.4	1,246.8	1,248.2	1,181.0	1,195.7	1,199.8	1,130.5
Capital goods except autos	191.9	194.5	185.4	195.5	200.0	191.5	191.0	193.3
Autos	288.0	312.1	303.3	311.0	307.7	315.5	314.1	323.6
Consumer goods	231.3	236.3	228.8	237.4	239.0	236.9	232.1	232.7
Durable goods	208.3	204.6	209.1	209.0	211.5	204.1	194.2	194.2
Nondurable goods	279.3	303.2	266.9	303.2	291.6	302.2	316.6	316.5
Other	249.2	249.7	244.8	252.5	252.9	248.1	244.9	247.1
Durable goods	249.2	249.6	244.9	252.5	252.8	247.9	245.0	247.2
Nondurable goods	249.2	249.8	244.6	252.5	253.1	248.3	244.8	246.9
Addenda:								
Exports:								
Agricultural products	246.3	218.4	229.1	227.8	222.0	212.8	208.5	210.0
Nonagricultural products	261.3	272.4	268.5	273.7	274.0	271.4	270.5	270.7
Imports of nonpetroleum products	249.8	250.0	245.0	253.0	253.1	248.6	245.2	247.3

Table 7.21.—Implicit Price Deflators for Inventories and Final Sales of Business

	Index numbers, 1972=100							
			Seasonally adjusted at annual rates					
	1981	1982	1981	1982				1983
			IV	I	II	III	IV	I p
Inventories [1]			**236.6**	**235.6**	**237.1**	**237.6**	**237.5**	**239.1**
Farm			189.3	195.3	200.4	193.1	186.1	194.7
Nonfarm			243.3	241.4	242.4	244.0	245.0	245.6
Durable goods			228.6	227.7	229.0	230.8	231.9	233.3
Nondurable goods			265.9	262.0	262.8	264.1	264.6	263.7
Manufacturing			246.8	244.6	243.9	245.1	245.8	246.8
Durable goods			232.6	231.1	231.7	233.5	234.2	235.1
Nondurable goods			277.7	273.8	270.6	270.6	270.7	271.6
Wholesale trade			245.2	242.4	244.4	245.1	246.4	246.3
Durable goods			231.6	231.7	233.3	235.7	236.8	238.3
Nondurable goods			272.6	264.3	266.2	264.1	265.0	261.4
Merchant wholesalers			236.4	235.9	238.6	238.7	239.1	239.8
Durable goods			232.4	232.8	234.4	236.9	237.8	239.2
Nondurable goods			244.9	242.4	247.1	242.4	241.5	240.8
Nonmerchant wholesalers			288.7	275.3	274.2	278.9	285.5	280.7
Durable goods			227.8	225.9	227.3	229.0	230.7	233.0
Nondurable goods			394.1	361.1	358.4	366.9	378.5	361.6
Retail trade			212.9	211.5	214.4	216.7	217.4	217.9
Durable goods			211.3	210.9	213.4	216.5	218.5	221.1
Nondurable goods			214.2	211.9	215.3	216.9	216.5	215.3
Other			301.7	300.9	305.2	311.6	314.2	314.4
Final sales [2]			**201.2**	**203.7**	**206.1**	**208.1**	**209.9**	**212.6**
Final sales of goods and structures			**199.4**	**201.1**	**203.0**	**203.3**	**203.6**	**206.0**

Table 8.1.—Percent Change From Preceding Period in Gross National Product in Current and Constant Dollars, Implicit Price Deflator, and Price Indexes

	Percent		Percent at annual rates					
			Seasonally adjusted					
	1981	1982	1981	1982				1983
			IV	I	II	III	IV	I p
Gross national product:								
Current dollars	11.6	4.1	3.0	−1.0	6.8	5.8	2.6	9.1
1972 dollars	1.9	−1.7	−5.3	−5.1	2.1	.7	−1.1	3.1
Implicit price deflator	9.4	6.0	8.8	4.3	4.6	5.0	3.7	5.8
Chain price index	9.4	6.4	8.4	5.0	4.6	6.0	5.1	3.5
Fixed-weighted price index	9.6	6.2	8.5	4.8	4.1	5.9	4.9	3.2
Personal consumption expenditures:								
Current dollars	10.6	6.9	3.4	7.6	6.1	8.1	9.3	4.6
1972 dollars	1.8	1.0	−3.3	2.5	2.5	.6	4.5	2.3
Implicit price deflator	8.6	5.9	7.0	5.0	3.5	7.5	4.5	2.3
Chain price index	9.1	6.0	7.2	5.2	3.6	7.1	5.5	2.5
Fixed-weighted price index	11.2	5.8	7.6	7.1	4.8	3.2	5.6	1.9
Durable goods:								
Current dollars	9.4	3.5	−17.9	15.1	4.9	−.7	20.6	7.4
1972 dollars	2.2	−.9	−20.9	10.4	2.5	−5.4	20.2	4.8
Implicit price deflators	7.1	4.4	3.8	4.2	2.3	5.0	.3	2.5
Chain price index	7.5	4.6	5.6	3.8	3.7	3.1	1.3	1.6
Fixed-weighted price index	7.8	4.9	5.3	3.7	4.5	3.6	.8	1.6
Nondurable goods:								
Current dollars	9.6	3.7	2.9	1.4	3.2	7.3	3.9	.4
1972 dollars	1.8	.7	0	−1.0	2.6	1.5	1.9	2.5
Implicit price deflator	7.6	3.0	2.8	2.4	.6	5.6	2.0	−2.0
Chain price index	8.4	3.1	3.5	2.9	−.4	5.9	3.1	−2.0
Fixed-weighted price index	8.7	2.8	3.6	2.4	−1.4	6.2	3.5	−3.1
Services:								
Current dollars	11.7	10.6	10.3	11.0	8.7	11.2	11.0	7.3
1972 dollars	1.7	1.8	0	3.0	2.4	1.7	2.3	1.4
Implicit price deflator	9.8	8.6	10.3	7.8	6.2	9.3	8.5	5.9
Chain price index	10.1	8.8	10.7	7.6	6.9	9.1	8.6	6.4
Fixed-weighted price index	10.4	9.0	11.0	7.6	7.3	9.4	9.0	6.5
Gross private domestic investment:								
Current dollars	17.2	−10.9	−13.3	−38.8	17.2	11.4	−39.1	46.3
1972 dollars	8.4	−12.8	−22.6	−36.5	15.0	7.9	−37.3	39.7
Implicit price deflator								
Chain price index								
Fixed-weighted price index								
Fixed investment:								
Current dollars	9.4	−1.5	1.3	−4.6	−2.4	−7.9	1.2	18.7
1972 dollars	1.7	−5.0	−5.0	−6.0	−7.6	−7.2	1.8	16.9
Implicit price deflator	7.6	3.6	6.7	1.5	5.6	−.8	−.7	1.6
Chain price index	8.2	5.0	7.1	4.9	3.7	3.0	.4	2.2
Fixed-weighted price index	8.2	4.5	6.7	4.2	2.2	2.8	−.3	3.6
Nonresidential:								
Current dollars	12.0	.5	8.4	−3.5	−5.3	−8.7	−6.6	1.0
1972 dollars	3.5	−3.6	.6	−5.0	−11.8	−7.6	−6.0	2.7
Implicit price deflator	8.1	4.3	7.8	1.5	7.4	−1.2	−.7	−1.7
Chain price index	8.6	5.7	7.3	5.5	5.6	3.8	1.9	1.0
Fixed-weighted price index	8.9	5.7	7.0	5.1	5.6	4.3	2.3	2.3
Structures:								
Current dollars	17.4	9.0	22.3	5.3	6.4	−6.4	−4.7	2.2
1972 dollars	6.3	2.9	5.9	1.3	1.6	−5.2	−4.8	5.3
Implicit price deflator	10.4	5.9	15.5	4.0	4.7	−1.2	.1	−2.9
Chain price index	9.1	5.8	8.6	5.2	5.5	2.6	1.7	−1.2
Fixed-weighted price index	8.2	4.9	6.1	4.4	4.8	2.3	2.3	.7
Producers' durable equipment:								
Current dollars	8.9	−4.6	.7	−8.8	−12.4	−10.3	−7.9	.1
1972 dollars	2.4	−6.4	−1.7	−7.6	−17.4	−8.8	−6.5	1.5
Implicit price deflator	6.4	2.0	2.4	−1.3	6.0	−1.7	−1.5	−1.4
Chain price index	8.3	5.7	6.6	5.7	5.7	4.6	2.0	2.6
Fixed-weighted price index	9.4	6.3	7.5	5.5	6.1	5.7	2.3	3.3
Residential:								
Current dollars	1.7	−8.3	−20.8	−8.4	9.4	−4.9	33.6	95.0
1972 dollars	−4.8	−10.2	−25.3	−10.2	12.9	−5.3	39.3	83.1
Implicit price deflator	6.9	2.1	6.0	2.0	−3.1	.3	−4.1	6.5
Chain price index	7.1	2.3	6.3	2.7	−3.1	.2	−4.8	6.1
Fixed-weighted price index	7.1	2.3	6.3	2.6	−3.4	.1	−5.0	6.1
Exports:								
Current dollars	8.3	−4.5	.8	−8.4	6.7	−16.7	−22.3	2.6
1972 dollars	−.4	−6.5	−2.4	−12.7	7.5	−16.8	−21.6	−.7
Implicit price deflator	8.8	2.2	3.2	4.9	−.8	.2	−.8	3.4
Chain price deflator	9.5	2.8	2.8	5.1	1.2	−1.2	.9	2.9
Fixed-weighted price index	9.5	2.7	2.4	5.1	1.2	−1.7	.4	2.5
Imports:								
Current dollars	8.7	−3.2	3.7	−17.1	2.8	14.8	−24.7	−6.6
1972 dollars	7.2	−.2	6.0	−17.5	14.5	4.6	−25.4	11.0
Implicit price deflator	1.3	−3.1	−2.2	.5	−10.2	9.8	.9	−15.9
Chain price index	6.1	−.4	−1.8	8.4	−4.3	−1.1	.4	−2.0
Fixed-weighted price index	5.0	−1.2	−3.0	6.7	−6.7	0	.9	−3.0

	Percent		Percent at annual rates					
			Seasonally adjusted					
	1981	1982	1981	1982				1983
			IV	I	II	III	IV	I p
Government purchases of goods and services:								
Current dollars	10.9	8.4	18.6	2.4	.6	13.8	16.3	−.8
1972 dollars	.9	1.4	7.0	−2.9	−5.3	8.4	12.0	−8.9
Implicit price deflator	9.9	6.9	10.8	5.5	6.2	5.0	3.8	8.9
Chain price index	9.5	7.1	11.3	6.3	5.1	5.3	6.8	4.7
Fixed-weighted price index	9.5	6.6	11.1	5.8	4.0	4.7	6.6	4.1
Federal:								
Current dollars	16.1	12.7	40.7	−1.4	−8.3	26.3	34.2	−9.4
1972 dollars	3.7	5.4	20.4	−5.5	−13.5	23.1	32.8	−21.1
Implicit price deflator	12.0	6.9	16.8	4.4	6.1	2.5	1.0	14.8
Chain price index	10.6	7.4	18.3	6.4	3.3	3.3	8.0	4.4
Fixed-weighted price index	11.4	7.2	18.6	5.9	2.3	3.1	8.7	3.7
National defense:								
Current dollars	17.0	16.2	36.7	−1.8	26.4	15.6	15.4	4.9
1972 dollars	4.9	6.9	10.1	−7.9	21.4	13.0	2.0	.4
Implicit price deflator	11.5	8.7	24.2	6.5	4.1	2.3	13.1	4.5
Chain price index	11.5	8.3	20.5	7.5	3.3	3.5	8.9	4.8
Fixed-weighted price index	11.8	7.6	20.6	5.8	2.0	3.0	9.2	4.0
Nondefense:								
Current dollars	14.3	5.5	49.0	−.4	−55.7	57.3	88.2	−34.9
1972 dollars	1.3	2.5	43.6	−.9	−58.1	50.7	128.1	−51.7
Implicit price deflator	12.8	2.9	3.8	.5	5.8	4.3	−17.5	34.8
Chain price index	8.8	5.6	14.0	4.3	3.3	3.0	5.9	3.7
Fixed-weighted price index	10.3	6.1	13.1	6.2	3.1	3.1	7.5	2.9
State and local:								
Current dollars	7.9	5.8	6.2	5.0	6.7	6.5	5.5	5.7
1972 dollars	−.8	−1.0	−.8	−1.1	.4	−.2	−.4	.7
Implicit price deflator	8.7	6.9	7.0	6.2	6.3	6.7	6.0	5.0
Chain price index	8.8	6.9	7.0	6.2	6.2	6.6	5.9	5.0
Fixed-weighted price index	8.2	6.1	6.2	5.7	5.2	5.9	5.2	4.3
Addenda:								
Gross domestic purchases:								
Current dollars	11.6	4.4	3.4	−2.1	6.4	9.8	2.3	8.1
1972 dollars	2.6	−1.1	−4.7	−5.3	2.5	3.1	−1.0	4.1
Implicit price deflator	8.8	5.5	8.5	3.5	3.8	6.5	3.4	3.9
Chain price index	9.0	6.0	7.9	5.4	4.0	6.1	5.0	3.0
Fixed-weighted price index	9.1	5.7	7.8	4.9	3.2	5.9	4.8	2.7
Final sales:								
Current dollars	10.4	5.7	5.7	5.6	4.1	2.9	9.8	6.3
1972 dollars	1.0	−.5	−2.3	.2	−.9	−1.3	5.4	.9
Implicit price deflator	9.3	6.2	8.1	5.4	5.0	4.3	4.2	5.3
Chain price index	9.4	6.4	8.5	5.0	4.5	6.0	5.1	3.5
Fixed-weighted price index	9.6	6.2	8.6	4.8	4.1	6.0	4.9	3.2
Final sales to domestic purchasers:								
Current dollars	10.4	5.9	6.1	4.6	3.6	6.8	9.5	5.3
1972 dollars	1.6	.2	−1.6	.1	−.6	.9	5.6	1.8
Implicit price deflator	8.7	5.7	7.8	4.5	4.2	5.8	3.7	3.4
Chain price index	9.0	6.1	8.0	5.4	3.9	6.1	5.0	2.9
Fixed-weighted price index	9.2	5.8	7.9	4.9	3.2	6.0	4.9	2.6
Gross domestic product:								
Current dollars	11.7	4.3	2.6	0	6.4	6.3	2.3	9.8
1972 dollars	2.0	−1.6	−5.7	−4.1	1.7	1.2	−1.3	3.8
Implicit price deflator	9.4	6.0	8.8	4.3	4.6	5.0	3.7	5.8
Chain price index	9.4	6.4	8.4	5.0	4.6	6.0	5.1	3.5
Fixed-weighted price index	9.6	6.2	8.5	4.8	4.1	5.9	4.9	3.2
Business:								
Current dollars	11.8	3.6	.7	−1.3	6.4	6.4	1.2	10.5
1972 dollars	2.2	−1.9	−6.7	−4.9	2.0	1.6	−1.8	4.3
Implicit price deflator	9.4	5.6	8.0	3.8	4.3	4.7	3.0	5.9
Chain price index	9.4	6.1	7.6	4.7	4.3	5.9	4.7	3.2
Fixed-weighted price index	9.6	5.9	7.4	4.4	3.8	5.9	4.3	2.8
Nonfarm:								
Current dollars	12.0	3.6	2.1	−.4	4.8	5.9	.4	11.4
1972 dollars	2.2	−2.2	−6.4	−3.7	.7	.7	−4.1	5.8
Implicit price deflator	9.6	5.9	9.1	3.5	4.1	5.1	4.6	5.3
Chain price index	9.6							
Fixed-weighted price index	9.7							
Disposable personal income:								
Current dollars	11.2	7.1	8.3	3.0	6.7	8.9	4.9	4.1
1972 dollars	2.5	1.1	1.2	−1.9	3.1	1.3	.3	1.8

NOTE.—The implicit price deflator for GNP is a weighted average of the detailed price indexes used in the deflation of GNP. In each period, the weights are based on the composition of constant-dollar output in that period. In other words, the price index for each item (1972=100) is weighted by the ratio of the quantity of the item valued in 1972 prices to the total output in 1972 prices. Changes in the implicit price deflator reflect both changes in prices and changes in the composition of output. The chain price index uses as weights the composition of output in the prior period, and therefore reflects only the change in prices between the two periods. However, comparisons of percent changes in the chain index also reflect changes in the composition of output. The fixed-weighted price index uses as weights the composition of output in 1972. Accordingly, comparisons over any time span reflect only changes in prices.

By NATIONAL INCOME AND WEALTH DIVISION

Gross Product by Industry, 1982

REAL GNP in 1982 decreased by 1.7 percent, following an increase of 1.9 percent in 1981 (table 1). The turnaround in terms of industry real gross product was widespread, as every industry either declined following an increase, declined more, or increased less.

The largest percentage declines in real gross product in 1982 were in mining and durable goods manufacturing. Construction, nondurable goods manufacturing, transportation, electric, gas, and sanitary services, and wholesale trade also had large declines. Farms, finance and insurance, and services increased.

Prices as measured by the GNP implicit price deflator increased by 6.0 percent in 1982, following an increase of 9.4 percent in 1981. There were substantial decelerations in the increases in mining, durable goods manufacturing, and wholesale trade, and the deflator for farms decreased following an increase.

The industry estimates for 1982 as well as those for 1980–81 will be revised as part of the annual revision of the national income and product accounts. The revised estimates will appear in the July 1983 SURVEY OF CURRENT BUSINESS in tables 6.1 (current dollars), 6.2 (constant dollars), and 7.22 (implicit price deflators).

Table 1.—Gross Product in Current and Constant Dollars and Implicit Price Deflators by Industry

	Billions of current dollars			Billions of constant (1972) dollars			Implicit price deflators (1972=100)			Percent change from preceding year			
										Constant (1972) dollars		Implicit price deflators	
	1980	1981	1982	1980	1981	1982	1980	1981	1982	1981	1982	1981	1982
Gross national product	**2,633.1**	**2,937.7**	**3,059.3**	**1,474.0**	**1,502.6**	**1,476.9**	**178.6**	**195.5**	**207.1**	**1.9**	**−1.7**	**9.4**	**6.0**
Domestic industries (gross domestic product)	**2,587.0**	**2,888.5**	**3,011.6**	**1,447.9**	**1,477.2**	**1,453.6**	**178.7**	**195.5**	**207.2**	**2.0**	**−1.6**	**9.4**	**6.0**
Private industries	**2,276.3**	**2,553.8**	**2,648.0**	**1,276.0**	**1,309.8**	**1,281.9**	**178.4**	**195.0**	**206.6**	**2.6**	**−2.1**	**9.3**	**5.9**
Agriculture, forestry, and fisheries	74.1	85.6	86.2	39.1	43.4	45.1	189.7	197.2	191.3	11.1	3.8	4.0	−3.0
Farms	65.4	75.8	75.6	34.2	38.4	40.1	191.0	197.4	188.6	12.2	4.3	3.3	−4.5
Agricultural services, forestry, and fisheries	8.7	9.8	10.7	4.8	5.0	5.0	180.3	195.8	212.8	3.3	.1	8.6	8.7
Mining	94.1	127.2	121.1	21.6	22.3	20.1	436.0	570.1	603.2	3.4	−10.0	30.7	5.8
Construction	121.2	127.2	129.6	53.3	52.0	49.4	227.5	244.6	262.2	−2.4	−4.9	7.5	7.2
Manufacturing	581.2	644.0	633.5	351.2	359.2	338.4	165.5	179.3	187.2	2.3	−5.8	8.4	4.4
Durable goods	347.8	388.4	370.9	210.0	215.3	198.1	165.6	180.4	187.2	2.5	−8.0	8.9	3.8
Nondurable goods	233.4	255.6	262.6	141.2	143.9	140.3	165.2	177.7	187.2	1.9	−2.5	7.5	5.3
Transportation and public utilities	232.4	261.9	281.3	140.8	142.1	138.1	165.1	184.3	203.8	.9	−2.8	11.6	10.6
Transportation	99.2	107.6	110.1	52.3	50.5	47.6	189.6	213.0	231.3	−3.5	−5.7	12.4	8.6
Communication	68.0	77.9	84.9	53.4	56.3	56.6	127.4	138.3	150.1	5.5	.4	8.6	8.5
Electric, gas, and sanitary services	65.2	76.4	86.3	35.1	35.3	33.9	186.0	216.7	254.7	.6	−3.9	16.5	17.5
Wholesale trade	189.2	212.2	212.8	102.9	108.4	105.7	183.8	195.8	201.2	5.3	−2.4	6.5	2.8
Retail trade	236.5	260.5	276.8	140.3	142.1	140.4	168.5	183.4	197.1	1.2	−1.2	8.8	7.5
Finance, insurance, and real estate	405.2	448.2	481.6	237.9	243.6	244.6	170.3	184.0	196.9	2.4	.4	8.0	7.0
Finance and insurance	116.1	124.3	135.4	63.6	65.4	66.6	182.7	189.9	203.2	3.0	1.8	3.9	7.0
Real estate	289.1	324.0	346.3	174.3	178.2	178.0	165.8	181.8	194.5	2.2	−.1	9.6	7.0
Services	342.5	386.9	425.0	189.0	196.7	200.0	181.2	196.7	212.5	4.1	1.7	8.5	8.0
Government and government enterprises	**306.8**	**336.7**	**361.9**	**177.3**	**178.1**	**177.4**	**173.0**	**189.1**	**204.0**	**.4**	**−.4**	**9.3**	**7.9**
Government	272.8	299.7	322.7	155.4	156.0	155.4	175.6	192.1	207.6	.4	−.4	9.4	8.1
Government enterprises	34.0	37.0	39.2	22.0	22.0	22.0	155.0	167.8	178.7	.3	−.3	8.2	6.5
Statistical discrepancy	**3.9**	**−1.9**	**1.7**	**2.2**	**−.9**	**.8**							
Residual [1]				**−7.7**	**−9.7**	**−6.5**							
Rest of the world	**46.1**	**49.2**	**47.7**	**26.1**	**25.4**	**23.2**				**−2.8**	**−8.5**		

NOTE.—The industry classification is on an establishment basis and is based on the 1972 Standard Industrial Classification.

1. Equals GNP in constant dollars measured as the sum of incomes less GNP in constant dollars measured as the sum of gross product by industry.

By JOSEPH C. WAKEFIELD

Federal Budget Developments

REVISED estimates of Federal unified budget receipts and outlays for fiscal years 1983 and 1984 were submitted to Congress by the Office of Management and Budget in mid-April. These estimates reflect revised economic assumptions, reestimates of agency spending and tax collections based on more recent experience, administration policy changes, and legislation passed by Congress since January. Major legislation consists of the Social Security Act Amendments of 1983 and the Emergency Supplemental Appropriations, Fiscal 1983 ("jobs bill"), which, among other things, provided $4.6 billion in budget authority for jobs and recession relief. The "jobs bill" will provide jobs mainly through public works projects, general construction (such as highways), and water projects. The largest item in the bill is $1.0 billion for community development grants; up to one-half of that amount can be used for public service jobs.

On the basis of the revised economic assumptions, real GNP is expected to increase substantially more in calendar year 1983 than expected earlier this year (table 1). From the fourth quarter of 1982 to the fourth quarter of 1983, real GNP is estimated to increase 4.7 percent, 1.6 percentage points more than estimated in January. This higher growth is the result of a stonger-than-expected first quarter of 1983. Real GNP is expected to increase about 5 percent (annual rate) through the rest of 1983 and to slow somewhat in 1984. From the fourth quarter of 1983, real GNP is estimated to increase 4.0 percent, the same as estimated earlier this year. Consumer prices rise considerably less in 1983 than assumed in January—2.5 percent compared with 5.0 percent—but are unrevised in 1984. The unemployment rate is also expected to be lower, 9.7 percent in the fourth quarter of 1983 and 8.8 percent in the fourth quarter of 1984, compared with 10.4 percent and 9.5 percent, respectively. Interest rates on 91-day Treasury bills are the same as assumed earlier.

For fiscal year 1983, a $210.2 billion deficit is estimated, compared with $207.7 billion in January (table 2). Receipts are $0.8 billion higher; a $1.3 billion upward revision due to the revised economic assumptions and reestimates is partly offset by a $0.5 billion downward revision from a policy change. The policy change is a shift in the timing of the 10-percent withholding of interest and dividend income provided for by the Tax Equity and Fiscal Responsibility Act of 1982. Under this act, the 10-percent withholding—effective July 1, 1983—was to occur when interest and divi-

Table 1.—Economic Assumption Underlying the April Update of the Fiscal Year 1984 Budget

	Calendar year					
	Actual		Estimates		Differences from January	
	1981	1982	1983	1984	1983	1984
	Billions of dollars					
GNP:						
Current dollars	2,938	3,059	3,285	3,592	23	26
1972 dollars	1,503	1,477	1,519	1,585	23	30
Incomes:						
Personal income	2,416	2,570	2,740	2,955	13	60
Wages and salaries	1,494	1,561	1,650	1,786	10	6
Corporate profits before taxes	232	172	178	219	1	13
	Percent change from preceding year					
GNP in current dollars:						
Annual average	11.6	4.1	7.4	9.4	.7	.1
Fourth quarter	9.6	3.5	9.3	9.2	.5	.....
GNP in 1972 dollars:						
Annual average	1.9	−1.7	2.9	4.3	1.5	.4
Fourth quarter	.7	−.9	4.7	4.0	1.6	.....
GNP deflator:						
Annual average	9.4	5.9	4.4	4.8	−.8	−.4
Fourth quarter	8.9	4.4	4.5	5.0	−1.1	.....
Consumer price index:						
Annual average	10.3	6.0	2.9	4.1	−2.0	−.5
Fourth quarter	9.4	4.5	2.5	4.4	−2.5	.....
	Percent					
Unemployment rate:						
Annual average	7.5	9.5	10.0	9.1	−.7	−.8
Fourth quarter	8.1	10.5	9.7	8.8	−.7	−.7
Insured unemployment rate: [1]						
Annual average	3.5	4.7	4.4	4.1	−.9	−.6
Fourth quarter	3.7	5.2	4.3	4.0	−.9	−.5
Interest rate, 91-day Treasury bills [2]	14.1	10.7	8.0	7.9	.....	.....

1. Insured unemployment under the State regular unemployment insurance program, excluding recipients of extend benefits, as percentage of covered employment under that program.
2. Average rate on new issues within the year. The estimates assume, by convention, that interest rates vary with the rate of inflation. They do not represent a forecast of interest rates.

Source: "April Update of the 1984 Budget."

dends were paid or credited. While the withholding provision will remain in effect, regulations have been issued allowing end-of-year withholding (instead of when paid or credited) on selected interest income, such as that earned on money market deposit accounts.

Outlays in 1983 are $3.3 billion higher; a $7.0 billion upward revision due to policy changes and reestimates is partly offset by a $3.6 billion downward revision due to the revised economic assumptions. The major upward revisions are for agriculture price support and related programs ($3.0 billion), jobs ($1.9 billion), and supplemental unemployment compensation ($1.0 billion). Lower prices for oil and natural gas reduce offsetting receipts from Outer Continental Shelf leases, resulting in a $1.3 billion upward revision in outlays. The major downward revisions are for regular unemployment compensation ($5.4 billion), reflecting the lower rate of unemployment mentioned earlier, and for net interest ($0.9 billion), reflecting lower borrowing. On balance, outlays for all other programs are revised up $2.6 billion.

For fiscal year 1984, a deficit of $190.2 billion is estimated, compared with $188.8 billion in January. Receipts are $6.0 billion lower as a result of policy changes. The major policy changes reducing receipts are the shift to end-of-year withholding of interest and dividends ($3.0 billion) and the recently enacted social security amendments ($2.5 billion). The social security amendments differ in three major ways from those recommended by the National Commission on Social Security Reform and reflected in the January estimates (see the February 1983 SURVEY OF CURRENT BUSINESS for a discussion of the recommendations). First, the legislation increased the adjusted gross income threshold for the taxation of social security benefits to $25,000 from $20,000 for single taxpayers and to $32,000 from $25,000 for married couples filing a joint return. Second, the legislation provides for a 0.3 percentage point reduction in the employee share of the rate increase in 1984, instead of providing a credit against individual income taxes. Third, the legislation provides for a 2.7 percentage point reduction 1984 for the new combined rate for self-employed, instead of providing for a deduction of one-half of the combined rate in calculating taxable income. In 1985, the reduction is 2.3 percentage points, and from 1986–89, 2.0 percentage points.

Outlays in 1984 are $4.6 billion lower; a $7.5 billion downward revision due to the revised economic assumptions and reestimates is partly offset by a $2.9 billion upward revision due to policy changes. The major downward revisions are for regular unemployment compensation ($4.4 billion), agriculture price support and related programs ($2.5 billion), social security ($1.4 billion), and net interest

Table 2.—Federal Government Receipts and Expenditures

[Billions of dollars]

	Fiscal year						
	Actual 1982	Estimates					
		1983			1984		
		January	April	Revision	January	April	Revision
Unified budget							
Receipts	617.8	597.5	598.3	0.8	659.7	653.7	−6.0
Outlays	728.4	805.2	805.5	3.3	848.5	843.9	−4.6
Surplus or deficit (−)	−110.6	−207.7	−210.2	−2.5	−188.8	−190.2	−1.5
National income and product accounts							
Receipts	**619.0**	**628.5**	**631.2**	**2.7**	**686.2**	**682.3**	**−3.9**
Personal tax and nontax receipts	303.1	293.0	298.8	5.8	304.2	304.8	.6
Corporate profits tax accruals	50.1	50.5	49.3	−1.2	59.4	62.8	3.4
Indirect business tax and nontax accruals	50.7	55.2	52.2	−3.0	59.3	54.6	−4.7
Contributions for social insurance	215.1	229.8	230.9	1.1	263.3	260.1	−3.2
Expenditures	**739.7**	**829.0**	**829.1**	**.1**	**877.3**	**869.6**	**−7.7**
Purchases of goods and services	250.1	279.0	280.6	1.6	302.5	297.0	−5.5
National defense	173.0	199.4	199.3	−.1	229.0	229.2	.2
Nondefense	77.1	79.6	81.3	1.7	73.5	67.8	−5.7
Transfer payments	310.8	348.6	345.0	−3.6	357.4	351.3	−6.1
To persons	304.8	342.2	338.5	−3.7	350.9	344.8	−6.1
To foreigners	6.0	6.4	6.5	.1	6.5	6.5	.....
Grants-in-aid to State and local governments	83.4	86.9	87.7	.8	90.1	90.9	.8
Net interest paid	82.5	92.4	91.8	−.6	106.6	105.8	−.8
Subsidies less current surplus of government enterprises	12.8	22.1	23.6	1.5	20.7	24.6	3.9
Less: Wage accruals less disbursements	−.1	.....	−.4	−.4	.....	.....	.....
Surplus or deficit (−)	−120.7	−200.5	−197.9	2.6	−191.1	−187.3	3.8

Sources: "April Update of the 1984 Budget" and Bureau of Economic Analysis.

Table 3.—Federal Government Receipts and Expenditures, NIPA Basis

[Billions of dollars, seasonally adjusted at annual rates]

	Calendar year							
	Actual		Estimates					
	1982	1983	1983			1984		
	IV	I	II	III	IV	I	II	III
Receipts	**615.0**	**626.4**	**641.9**	**647.9**	**663.0**	**673.8**	**691.6**	**711.7**
Personal tax and nontax receipts	299.2	298.2	304.2	304.3	310.1	300.9	306.4	315.8
Corporate profits tax accruals	47.3	49.5	48.1	51.1	53.7	58.7	66.3	72.6
Indirect business tax and nontax accruals	50.7	51.4	53.9	52.7	54.0	54.4	54.9	55.1
Contributions for social insurance	217.8	227.3	235.7	239.8	245.2	259.8	264.0	268.2
Expenditures	**819.2**	**802.2**	**829.1**	**866.2**	**855.1**	**865.4**	**872.1**	**885.7**
Purchases of goods and services	278.7	271.9	278.4	293.9	283.4	297.6	303.1	303.6
National defense	189.3	191.6	202.3	214.0	220.7	225.9	231.4	238.5
Nondefense	89.4	80.3	76.1	79.9	62.7	71.7	71.7	65.1
Transfer payments	345.5	339.6	345.8	349.0	344.9	352.3	353.9	354.3
To persons	337.4	334.0	339.8	342.6	338.4	345.8	347.4	347.8
To foreigners	8.0	5.6	6.0	6.4	6.5	6.5	6.5	6.5
Grants-in-aid to State and local governments	84.6	85.8	89.6	90.8	90.6	90.9	91.1	91.0
Net interest paid	89.1	88.6	92.8	96.7	100.4	104.1	107.5	111.2
Subsidies less current surplus of government enterprises	21.4	16.2	20.9	35.8	35.8	20.5	16.5	25.6
Less: Wage accruals less disbursements	.....	.....	−1.6	.....	.....	.....	.....	.....
Surplus or deficit (−)	−204.2	−175.8	−187.2	−218.3	−192.1	−191.6	−180.5	−174.0

($0.9 billion). The downward revision in agriculture price support programs reflects a larger than expected participation in the payment-in-kind program, and that in social security reflects a lower cost-of-living adjustment due to the downward revision in the rate of increase in consumer prices. Major upward revisions are for jobs ($2.4 billion), and for lower offsetting receipts from Outer Continental Shelf leases ($1.9 billion). On balance, outlays for all other programs are revised up $0.3 billion.

Table 4.—Relation of Federal Government Receipts in the National Income and Product Accounts to the Unified Budget

[Billions of dollars]

	Fiscal year		
	1982	1983	1984
Unified budget receipts	**617.8**	**598.3**	**653.7**
Less: Coverage differences	1.3	1.4	1.6
Financial transactions	.....	.....	.....
Plus: Netting differences:			
Contributions to government employees retirement funds	10.7	12.2	14.0
Other	9.3	11.0	13.6
Timing differences:			
Corporate income tax	−13.1	3.0	−3.6
Federal and State unemployment insurance taxes	.2	.9	.9
Withheld personal income tax and social security contributions	−4.3	5.8	4.5
Excise taxes	−.5	1.3	.8
Other	.....	.....	.....
Miscellaneous	.2	.1	.....
Equals: Federal Government receipts, NIPA	**619.0**	**631.2**	**682.3**

Table 5.—Relation of Federal Government Expenditures in the National Income and Product Accounts to the Unified Budget

[Billions of dollars]

	Fiscal year		
	1982	1983	1984
Unified budget outlays	**728.4**	**808.5**	**843.9**
Less: Coverage differences:			
Geographic	4.6	4.8	4.8
Off-budget Federal entities: Federal Financing Bank	−14.1	−14.1	−10.9
Strategic Petroleum Reserve	−3.7	−1.7	−1.5
Other	.5	−1.0	−2.0
Other	.5	.6	.6
Financial transactions:			
Net lending	19.0	19.1	15.1
Other	.5	.3	−.5
Net purchases of land:			
Outer Continental Shelf	−2.7	−7.0	−6.3
Other	.2	−.1	−.4
Plus: Netting differences:			
Contributions to government employees retirement funds	10.7	12.2	14.0
Other	9.3	11.0	13.6
Timing differences:			
National defense purchases	−1.2	−1.9	−2.4
Other	−3.0	0	−.8
Miscellaneous	.3	.2	.2
Equals: Federal Government expenditures, NIPA	**739.7**	**829.1**	**869.6**

Revised NIPA estimates.—BEA has prepared estimates of the Federal sector on the national income and product accounting (NIPA) basis consistent with the revised unified budget estimates (table 2, and table 3 for the quarterly pattern). On this basis, fiscal year 1983 receipts are $2.7 billion higher, expenditures are $0.1 billion higher, and the deficit is $2.6 billion lower than estimated in January. (Details of the January estimates are discussed in the February SURVEY.)

The upward revision in receipts is more than accounted for by personal tax and nontax receipts ($5.8 billion) and contributions for social insurance ($1.1 billion). The revision in personal taxes is due to higher incomes and reestimates of tax law changes, such as the delay in the withholding of interest and dividends. The revision in contributions is due to higher incomes. Partly offsetting these increases are downward revisions in indirect business tax and nontax accruals ($3.0 billion)—largely due to lower windfall profit taxes—and in corporate profits tax accruals ($1.2 billion).

Although expenditures in total are revised only slightly, there are significant revisions in most categories. Upward revisions are in nondefense purchases of goods and services ($1.7 billion), subsidies less current surplus of government enterprises ($1.5 billion), and in grants-in-aid to State and local governments ($0.8 billion). In nondefense purchases, the upward revision is due to higher agricultural purchases by the Commodity Credit Corporation (CCC) and higher purchases due to the jobs bill. The increase in agricultural purchases by the CCC is the net result of higher regular purchases ($2.1 billion) and higher payments in kind ($1.4 billion), which will lower CCC purchases in the NIPA's. (See the February SURVEY for a discussion of the treatment of the payments-in-kind program in the NIPA's.) In subsidies less current surplus of government enterprises, the revision is due to the higher payments-in-kind, and that in grants is largely due to increases in education and community development, the latter reflecting the jobs bill. Downward revisions are in transfer payments to persons ($3.7 billion) and net interest paid ($0.6 billion). In transfer payments, the revision is more than accounted for by unemployment benefits ($4.2 billion); on balance, all other transfer payments are revised up slightly. In net interest, the revision is due to the lower borrowing mentioned earlier.

For fiscal year 1984, receipts are $3.9 billion lower, expenditures are $7.7 billion lower, and the deficit is $3.8 billion lower. Downward revisions in indirect business tax and nontax accruals ($4.7 billion) and in contributions for social insurance ($3.2 billion) more than account for the revision in total receipts. The revision in indirect business taxes is due to lower windfall profit taxes; that in contributions is due to the social security amendments mentioned earlier. Partly offsetting these decreases are upward revisions in corporate profits tax accruals ($3.4 billion), reflecting higher profits, and in

Table 6.—High-Employment Surplus or Deficit (−), NIPA Basis

[Billions of dollars]

	Level [1]	Change	Addendum: High-employment surplus or deficit (-) with a 6-percent unemployment rate	
			Level	Change
Calendar year:				
1981	4.5	21.6	−16.8	17.8
1982	−29.8	−34.3	−55.0	−38.2
1983	−55.7	−25.9	−84.2	−29.2
Quarters:				
1981:				
I	10.4	21.0	−9.3	20.2
II	22.0	11.6	.9	10.2
III	5.9	−16.1	−16.0	−16.9
IV	−20.3	−26.2	−42.7	−26.7
1982:				
I	−15.6	4.7	−39.6	3.1
II	−6.2	9.4	−31.0	8.6
III	−33.1	−26.9	−58.5	−27.5
IV	−64.3	−31.2	−90.9	−32.4
1983:				
I	−35.2	29.1	−62.0	28.9
II	−45.3	−10.1	−74.0	−12.0
III	−82.1	−36.8	−111.0	−37.0
IV	−60.1	22.0	−89.7	21.3
1984:				
I	−63.3	−3.2	−93.6	−3.9
II	−54.2	9.1	−85.7	7.9
III	−49.9	4.3	−82.4	3.3

1. Based on a high-employment unemployment rate of 5.1 percent for 1981:1–1981:4, 5.0 percent for 1982:1–1983:1, and 4.9 percent for 1983:2–1984:3.

personal tax and nontax receipts ($0.6 billion).

The downward revision in expenditures is more than accounted for by transfer payments to persons ($6.1 billion) and nondefense purchases of goods and services ($5.7 billion). The revision in transfer payments is due to lower unemployment benefits and social security benefits, the latter reflecting a lower cost-of-living adjustment—3.5 percent compared with 5.1 percent. Nondefense purchases are revised down due to the higher payments in kind, $8.7 billion compared with $3.8 billion estimated earlier. Partly offsetting these decreases are upward revisions in subsidies less current surplus of government enterprises ($3.9 billion) due to the higher payments in kind, and in grants ($0.8 billion), largely due to the jobs bill.

Table 4 shows the relation between unified budget and NIPA receipts and table 5 shows the relation between unified budget outlays and NIPA expenditures.

High-employment surplus or deficit.—As measured on a high-employment basis, the Federal sector of the NIPA was in deficit in calendar year 1982; the deficit will widen in 1983 by $26 billion (table 6). On a quarterly basis, the deficit increases significantly in the third quarter of 1983 when the final withholding rate cut under the Economic Recovery Tax Act of 1981 becomes effective; thereafter it declines.

The high-employment deficit discussed above is based on a high-employment unemployment rate that is 5.1 percent in 1981, declines to 4.9 percent by mid-1983, and remains flat thereafter. Table 6 also shows what the high-employment surplus or deficit would be assuming a high-employment unemployment rate of 6 percent throughout the 1981–84 period. On this basis, the high-employment deficit is $20 billion to $30 billion higher, but follows the same quarterly pattern.

By THAE S. PARK

Personal Income and Adjusted Gross Income, 1977-81

A RECONCILIATION of the Bureau of Economic Analysis (BEA) measure of personal income and the Internal Revenue Service (IRS) measure of adjusted gross income (AGI) by type of income for 1971-81 is provided in this article. An earlier article, in the November 1981 SURVEY OF CURRENT BUSINESS, had provided reconciliation estimates for 1947-78. The present article provides revised estimates for 1977-78 that reflect the revisions of personal income released in July 1982, extends the estimates to 1981, and is based on an improved reconciliation. (The estimates for 1980 and 1981 will be revised later this year when BEA revises personal income for 1980 and 1981 and when IRS revises AGI for 1981.)

The improved reconciliation table—which proceeds from personal income to AGI derived from personal income (BEA-derived AGI) and then to AGI of IRS, and shows, as well, the gap between the two measures of AGI—is described in the first section of the article. Tables 1-5 show the reconciliation estimates by type of income for 1977-81, respectively. The second section discusses the nature of the AGI gap, changes in its composition by type of income in 1977-81, and developments that affected the individual AGI gaps. Table 6, which shows the AGI gap by type of income for 1947-81, provides perspective.

The reconciliation table

The two measures to be reconciled, personal income and AGI of IRS, are shown in lines 1 and 22, respectively, of tables 1-5. Personal income is the income received by persons from all sources—that is, from participation in production, from transfer payments

Table 1.—Reconciliation of Personal Income and Adjusted Gross Income, by Type of Income, 1977

[Billions of dollars]

Line		Personal Income										Income not included in personal income
		Total	Wages and salaries	Proprietors' income [1]		Personal dividend income	Rental income of persons [2]	Personal interest income	Taxable pensions	Taxable unemployment compensation	Other personal income	
				Farm	Nonfarm							
1	Personal income	1,540.4	983.2	19.1	84.8	39.6	24.8	152.8	[3] 20.8	0	[4] 215.5	0
2	Less: Portion of personal income not included in adjusted gross income, total	396.5	7.6	8.3	3.6	5.8	10.6	65.6	0	0	275.7	[5] 19.3
3	Transfer payments except taxable military retirement and taxable government pensions	187.1	0	0	0	0	0	0	0	0	187.1	0
4	Other labor income except fees	88.3	0	0	0	0	0	0	0	0	88.3	0
5	Imputed income in personal income	41.4	4.1	3.1	1.4	0	8.1	24.7	0	0	0	0
6	Investment income retained by life insurance carriers and noninsured pensions funds	26.3	0	0	0	0	0	26.3	0	0	0	0
7	Investment income received by nonprofit institutions or retained by fiduciaries	12.5	0	0	.2	4.2	.6	7.3	0	0	.3	0
8	Differences in accounting treatment between NIPA's and tax regulations, net	12.1	0	5.2	2.0	.1	1.9	2.9	0	0	0	0
9	Other personal income exempt or excluded from adjusted gross income	28.8	3.5	0	0	1.5	0	4.5	0	0	0	19.3
10	Plus: Portion of adjusted gross income not included in personal income, total	109.0	1.3	0	.3	0	.7	0	19.1	0	61.1	[6] 26.3
11	Personal contributions for social insurance	61.1	0	0	0	0	0	0	0	0	61.1	0
12	Net gain from sale of assets	21.4	0	0	0	0	0	0	0	0	0	21.4
13	Taxable private pensions	19.1	0	0	0	0	0	0	19.1	0	0	0
14	Small business corporation income	2.0	0	0	0	0	0	0	0	0	0	2.0
15	Other type of income	5.4	1.3	0	.3	0	.7	0	(*)	0	0	3.0
16	Plus: Intercomponent reallocation, total	0	1.1	(*)	1.2	.1	0	−1.5	0	0	−.8	0
17	Fees in other labor income	0	1.1	0	0	0	0	0	0	0	−1.1	0
18	Fiduciary's share of partnership income	0	0	(*)	−.2	0	0	0	0	0	.3	0
19	Interest received by nonfarm proprietors	0	0	0	1.4	0	0	−1.4	0	0	0	0
20	Money market mutual funds	0	0	0	0	.1	0	−.1	0	0	0	0
21	**Equals: BEA-derived adjusted gross income**	**1,252.9**	**978.0**	**10.8**	**82.7**	**33.9**	**14.9**	**85.7**	**39.9**	**0**	**0**	**7.0**
22	**Adjusted gross income of IRS (reallocated)**	**1,158.5**	**969.4**	**1.1**	**62.5**	**27.0**	**5.7**	**56.6**	**29.2**	**0**	**0**	**7.0**
23	**Adjusted gross income (AGI) gap**	**94.4**	**8.6**	**9.7**	**20.3**	**6.9**	**9.3**	**29.1**	**10.7**	**0**	**0**	**0**
24	Percent distribution of AGI gap	100.0	9.1	10.2	21.4	7.3	9.8	30.8	11.3			
25	AGI gap as a percentage of BEA-derived AGI	7.5	.9	89.7	24.5	20.3	62.0	33.9	26.8			
26	AGI of IRS as a percentage of BEA-derived AGI	92.5	99.1	10.3	75.5	79.7	38.0	66.1	73.2			

See footnotes at end of table 5.

from government and business, and from government interest, which is treated like a transfer payment. Persons in this context consist of individuals, nonprofit institutions, private noninsured welfare funds, and private trust funds. AGI of IRS is the total income from all sources that is subject to individual income tax less certain deductions.

Personal income and AGI each include items that the other omits by definition. Line 2 is the sum of seven groups of items (lines 3-9) that are included in personal income but not in AGI because they are not taxable under individual income tax. Line 10 is the sum of five groups of items (lines 11-15) that are included in AGI but not in personal income. Further, because income components of AGI are different from those of personal income, a reallocation of certain items is needed to achieve comparability. Line 16 is the sum of four of these intercomponent adjustments (lines 17-20).

The adjustment of personal income and its components by the exclusion of line 2 and the inclusion of lines 10 and 16 provides measures comparable to the IRS definition of AGI and its components. The difference between the BEA-derived AGI (line 21) and AGI reported by the IRS in *Statistics of Income* (Line 22)—the AGI gap—is shown in line 23.

The reconciliation tables include information not previously published. First, the detailed intercomponent reallocations are shown. In line 17, the fees component of other labor income is reallocated to wages and salaries. The fees component, which consists of fees received by directors, jurors, and justices of peace, is probably reported as wages and salaries on tax returns. In line 18, fiduciary's share of partnership income is allocated between farm and nonfarm proprietors' income. The allocation makes the income classification of AGI comparable to that of personal income. In line 19, the interest component of partnership receipts is reallocated to nonfarm proprietors' income. In the national income and product accounts (NIPA's), the interest received by proprietors and partners in nonfinancial industries is treated as personal interest income, not as monetary interest received by business. Such interest receipts, however, are reported as partnership income on tax returns and thus as nonfarm proprietors' income in AGI of IRS. Line 20 is a new item. In it payments from money market mutual funds are reallocated from interest to dividends. IRS requires that payments from these funds be reported as dividends, whereas in the NIPA's they are classified as personal interest income.

Second, a new type of income, taxable unemployment compensation, is shown. (In the November 1982 SURVEY, this item was included in other personal income.) It is introduced as a type of income in 1979 as a result of the Revenue Act of 1978. Under this act, all or a portion of un-

Table 2.—Reconciliation of Personal Income and Adjusted Gross Income, by Type of Income, 1978

[Billions of dollars]

Line		Personal Income										Income not included in personal income
		Total	Wages and Salaries	Proprietors' income		Personal dividend income	Rental income of persons [2]	Personal interest income	Taxable pensions	Taxable unemployment compensation	Other personal income	
				Farm	Nonfarm							
1	Personal income	1,732.7	1,106.3	26.3	92.2	45.3	26.6	179.4	[3] 23.9	0	[4] 232.7	0
2	Less: Portion of personal income not included in adjusted gross income, total	440.6	8.7	7.8	4.3	6.3	11.4	78.4	0	0	301.4	[5] 22.4
3	Transfer payments except taxable military retirement and taxable government pensions	199.9	0	0	0	0	0	0	0	0	199.9	0
4	Other labor income except fees	101.2	0	0	0	0	0	0	0	0	101.2	0
5	Imputed income in personal income	48.6	4.6	3.4	1.6	0	8.0	31.0	0	0	0	0
6	Investment income retained by life insurance carriers and noninsured pensions funds	31.5	0	0	0	0	0	31.5	0	0	0	0
7	Investment income received by nonprofit institutions or retained by fiduciaries	14.3	0	0	.2	4.7	.7	8.5	0	0	.3	0
8	Differences in accounting treatment between NIPA's and tax regulations, net	13.1	0	4.4	2.5	.1	2.7	3.4	0	0	0	0
9	Other personal income exempt or excluded from adjusted gross income	32.0	4.1	0	0	1.5	0	4.1	0	0	0	22.4
10	Plus: Portion of adjusted gross income not included in personal income, total	125.8	2.9	0	.6	0	.8	0	22.4	0	69.8	[6] 29.4
11	Personal contributions for social insurance	69.8	0	0	0	0	0	0	0	0	69.8	0
12	Net gain from sale of assets	24.5	0	0	0	0	0	0	0	0	0	24.5
13	Taxable private pensions	22.2	0	0	0	0	0	0	22.2	0	0	0
14	Small business corporation income	2.3	0	0	0	0	0	0	0	0	0	2.3
15	Other type of income	7.0	2.9	0	.6	0	.8	0	.1	0	0	2.6
16	Plus: Intercomponent reallocation, total	0	1.4	(*)	1.4	.3	0	−2.0	0	0	−1.1	0
17	Fees in other labor income	0	1.4	0	0	0	0	0	0	0	−1.4	0
18	Fiduciary's share of partnership income	0	0	(*)	−.3	0	0	0	0	0	.3	0
19	Interest received by nonfarm proprietors	0	0	0	1.7	0	0	−1.7	0	0	0	0
20	Money market mutual funds	0	0	0	0	.3	0	−.3	0	0	0	0
21	**Equals: BEA-derived adjusted gross income**	**1,417.9**	**1,101.8**	**18.5**	**90.0**	**39.3**	**16.1**	**98.9**	**46.3**	**0**	**0**	**7.0**
22	**Adjusted gross income of IRS (reallocated)**	**1,302.4**	**1,090.3**	**4.7**	**67.8**	**30.2**	**6.2**	**63.5**	**32.7**	**0**	**0**	**7.0**
23	**Adjusted gross income (AGI) gap**	**115.4**	**11.5**	**13.8**	**22.2**	**9.1**	**9.9**	**35.4**	**13.5**	**0**	**0**	**0**
24	Percent distribution of AGI gap	100.0	10.0	12.0	19.2	7.9	8.6	30.6	11.7			
25	AGI gap as a percentage of BEA-derived AGI	8.1	1.0	74.6	24.7	23.2	61.6	35.8	29.2			
26	AGI of IRS as a percentage of BEA-derived AGI	91.9	99.0	25.4	75.3	77.8	38.4	64.2	70.8			

See footnotes at end of table 5.

employment compensation paid under a Federal or State program is taxable beginning in 1979. Such payments are included in AGI if the sum of the taxpayer's AGI, disability payments, and the unemployment compensation payments exceeds $25,000 for joint returns and $20,000 for single persons. One-half of the excess, up to the amount of the unemployment compensation payments, is included in AGI. The Tax Equity and Fiscal Responsibility Act of 1982 lowered the thresholds to $18,000 for joint returns and $12,000 for single persons.

The reconciliation table incorporates several new adjustments. A new adjustment is made in the reconciliation of wages and salaries for 1977–81. U.S. citizens living abroad are required to file U.S. income tax returns even if all of their income was earned from personal services performed in a foreign country. Thus, AGI of IRS includes income earned abroad; personal income excludes such income. This adjustment, which is included in line 15, was not made for wages and salaries prior to 1977 because data were not available at the time the estimates were made. For this reason, the pre-1977 series for the wages and salaries gap is not strictly comparable with the revised series presented in this article. However, the amount of foreign earned income that was included in AGI of IRS prior to 1977 was relatively small—about $0.5 billion in 1972 and about $1.3 billion in 1976, of which wages and salaries usually account for about 84 percent.

Two new adjustments are made in the reconciliation of personal interest income for 1977–81. Interest accrued in individual retirement arrangements (IRA's) and Keogh plans is included as interest in personal income when it is accrued, while in AGI of IRS such interest is included as pensions and annuities in the year the funds are withdrawn. This adjustment, which is included in line 8, was not made prior to 1977 because data were not available. The second adjustment, which is also included in line 8, is to account for the exclusion from AGI of IRS of interest accrued on All Savers Certificates, which were issued after September 30, 1981.

The AGI gap

The AGI gap can be taken as evidence of noncompliance with the tax code, but with the following caveats: The AGI gap includes (1) income earned by low-income individuals who are not required to file income tax returns, unreported income identified by IRS audit programs that is included in personal income, and gross errors and omissions in the estimate of reconciliation items (lines 3–9, 11–15, and 17–20); (2) the net effect of errors in AGI of IRS (line 22) and personal income (line 1). However, for two reasons, an AGI gap cannot be taken as evidence of an understatement in GNP. First, data from the individual income tax returns are used

Table 3.—Reconciliation of Personal Income and Adjusted Gross Income, by Type of Income, 1979

[Billions of dollars]

Line		Personal Income										Income not included in personal income
		Total	Wages and salaries	Proprietors' income [1]		Personal dividend income	Rental income of persons [2]	Personal interest income	Taxable pensions	Taxable unemployment compensation	Other personal income	
				Farm	Nonfarm							
1	Personal income	1,951.2	1,237.6	31.9	100.2	50.8	27.9	218.7	[3] 27.0	1.3	[4] 255.7	0
2	Less: Portion of personal income not included in adjusted gross income, total	499.6	9.5	15.1	5.3	6.8	11.1	91.5	0	0	335.5	[5] 24.8
3	Transfer payments except taxable military retirement and taxable government pensions	221.9	0	0	0	0	0	0	0	0	221.9	0
4	Other labor income except fees	113.3	0	0	0	0	0	0	0	0	113.3	0
5	Imputed income in personal income	54.5	5.3	4.1	1.7	0	7.3	36.2	0	0	0	0
6	Investment income retained by life insurance carriers and noninsured pensions funds	37.1	0	0	0	0	0	37.1	0	0	0	0
7	Investment income received by nonprofit institutions or retained by fiduciaries	16.4	0	0	.2	5.0	.7	10.2	0	0	.3	0
8	Differences in accounting treatment between NIPA's and tax regulations, net	21.1	0	11.0	3.5	.2	3.2	3.3	0	0	0	0
9	Other personal income exempt or excluded from adjusted gross income	35.2	4.2	0	0	1.5	0	4.7	0	0	0	24.8
10	Plus: Portion of adjusted gross income not included in personal income, total	146.5	2.8	0	.6	0	.9	0	25.5	0	81.1	[6] 35.5
11	Personal contributions for social insurance	81.1	0	0	0	0	0	0	0	0	81.1	0
12	Net gain from sale of assets	29.4	0	0	0	0	0	0	0	0	0	29.4
13	Taxable private pensions	25.4	0	0	0	0	0	0	25.4	0	0	0
14	Small business corporation income	2.2	0	0	0	0	0	0	0	0	0	2.2
15	Other type of income	8.4	2.8	0	.6	0	.9	0	.1	0	0	3.9
16	Plus: Intercomponent reallocation, total	0	1.6	(*)	2.5	1.7	0	−4.4	0	0	−1.3	0
17	Fees in other labor income	0	1.6	0	0	0	0	0	0	0	−1.6	0
18	Fiduciary's share of partnership income	0	0	(*)	−.2	0	0	0	0	0	.3	0
19	Interest received by nonfarm proprietors	0	0	0	2.7	0	0	−2.7	0	0	0	0
20	Money market mutual funds	0	0	0	0	1.7	0	−1.7	0	0	0	0
21	**Equals: BEA-derived adjusted gross income**	**1,598.0**	**1,232.6**	**16.8**	**97.9**	**45.7**	**17.8**	**122.7**	**52.5**	**1.3**	**0**	**10.7**
22	**Adjusted gross income of IRS (reallocated)**	**1,465.4**	**1,229.3**	**2.9**	**68.6**	**33.5**	**5.4**	**76.8**	**37.3**	**1.0**	**0**	**10.7**
23	**Adjusted gross income (AGI) gap**	**132.6**	**3.3**	**13.9**	**29.3**	**12.2**	**12.4**	**46.0**	**15.2**	**.3**	**0**	**0**
24	Percent distribution of AGI gap	100.0	2.5	10.5	22.1	9.2	9.3	34.7	11.4	.3	.....	.....
25	AGI gap as a percentage of BEA-derived AGI	8.3	.3	82.8	29.9	26.7	69.8	37.5	28.9	26.0	.....	.....
26	AGI of IRS as a percentage of BEA-derived AGI	91.7	99.7	17.2	70.1	73.3	30.2	62.5	71.1	74.0	.....	.....

See footnotes at end of table 5.

only to a limited extent in the estimation of GNP. Second, where these data are used, BEA adjusts them for underreporting on the basis of IRS audit programs.

A generally downward trend in the AGI gap as a percentage of the BEA-derived AGI was reversed in 1977 (table 6). This reversal occurred largely because of the rapidly rising gaps for farm and nonfarm proprietors' income and for rental income of persons. During 1977-81, the gaps for these types of income as percentages of their respective BEA-derived AGI component increased substantially, for farm proprietors' income, from 89.7 percent to 186.2 percent; for nonfarm proprietors' income, from 24.5 percent to 40.8 percent; and for rental income of persons, from 62.0 percent to 80.3 percent (line 25 of tables 1-5). In contrast, the gap for wages and salaries virtually disappeared during the period.

In dollars, the personal interest income gap was the largest, but its share of the total declined after 1979. However, the share of the personal dividend income gap increased, and the share of the combined gaps for the two types of income was up, to 43.1 percent in 1981 from 38.1 percent in 1977.

Wages and salaries gap.—The wages and salaries component of AGI of IRS is known to include some pensions, annuities, and proprietors' income, but the evidence is insufficient to make a reallocation. Such misreporting might have contributed to the narrowing of the wages and salaries gap. In 1981, this gap turned negative (although a small revision could turn it positive again), indicating that wages and salaries in the BEA-derived AGI fell short of what was reported to IRS.

Farm proprietors' income gap.—In 1980 and 1981, lower prices for farm products and higher costs led to sharp declines in both net farm income reported to IRS and the BEA measure of farm proprietors' income. The decline was sharper in the IRS measure; as a result there was an increase in the farm proprietors' income gap in both dollars and as a percent of the total AGI gap.

Nonfarm proprietors' income gap.—IRS audit programs disclosed an understatement of nonfarm proprietors' income on tax returns. Because the results of these programs are taken into account in estimating nonfarm proprietors' income in personal income but not in AGI of IRS, such understatement contributes to the nonfarm proprietors' income gap.

The nonfarm proprietors' income gap may also be affected by the growth of corporate partners in partnerships. Partnerships are not taxable as such; instead, partners—who can be individuals, estates, trusts, partnerships, or corporations—report their share of the partnership's taxable income on their own income tax

Table 4.—Reconciliation of Personal Income and Adjusted Gross Income, by Type of Income, 1980

[Billions of dollars]

Line		Personal Income										Income not included in personal income
		Total	Wages and salaries	Proprietors' income [1]		Personal dividend income	Rental income of persons [2]	Personal interest income	Taxable pensions	Taxable unemployment compensation	Other personal income	
				Farm	Nonfarm							
1	Personal income	2,160.4	1,356.1	19.4	96.9	55.9	32.9	263.4	[3] 31.7	2.7	[4] 301.4	0
2	Less: Portion of personal income not included in adjusted gross income, total	563.8	10.5	5.4	6.4	7.2	14.3	102.9	0	0	388.5	[5] 28.6
3	Transfer payments except taxable military retirement and taxable government pensions	262.8	0	0	0	0	0	0	0	0	262.8	0
4	Other labor income except fees	125.4	0	0	0	0	0	0	0	0	125.4	0
5	Imputed income in personal income	59.3	5.9	4.7	1.2	0	9.5	38.1	0	0	0	0
6	Investment income retained by life insurance carriers and noninsured pensions funds	45.0	0	0	0	0	0	45.0	0	0	0	0
7	Investment income received by nonprofit institutions or retained by fidicuaries	18.8	0	0	.2	5.3	.6	12.5	0	0	.2	0
8	Differences in accounting treatment between NIPA's and tax regulations, net	12.1	0	.7	5.1	.3	4.2	1.9	0	0	0	0
9	Other personal income exempt or excluded from adjusted gross income	40.3	4.6	0	0	1.6	0	5.5	0	0	0	28.6
10	Plus: Portion of adjusted gross income not included in personal income, total	159.1	4.0	0	.8	0	1.1	0	29.6	0	88.7	[6] 34.9
11	Personal contributions for social insurance	88.7	0	0	0	0	0	0	0	0	88.7	0
12	Net gain from sale of assets	29.7	0	0	0	0	0	0	0	0	0	29.7
13	Taxable private pensions	29.4	0	0	0	0	0	0	29.4	0	0	0
14	Small business corporation income	.7	0	0	0	0	0	0	0	0	0	.7
15	Other type of income	10.5	4.0	0	.8	0	1.1	0	.2	0	0	4.4
16	Plus: Intercomponent reallocation, total	0	1.8	(*)	2.9	5.0	0	−8.1	0	0	−1.6	0
17	Fees in other labor income	0	1.8	0	0	0	0	0	0	0	−1.8	0
18	Fiduciary's share of partnership income	0	0	(*)	−.2	0	0	0	0	0	.2	0
19	Interest received by nonfarm proprietors	0	0	0	3.1	0	0	−3.1	0	0	0	0
20	Money market mutual funds	0	0	0	0	5.0	0	−5.0	0	0	0	0
21	**Equals: BEA-derived adjusted gross income**	**1,755.7**	**1,351.4**	**14.0**	**94.1**	**53.7**	**19.7**	**152.5**	**61.3**	**2.7**	**0**	**6.3**
22	**Adjusted gross income of IRS (reallocated)**	**1,613.7**	**1,349.8**	**−1.3**	**64.4**	**38.8**	**4.6**	**105.7**	**43.3**	**2.1**	**0**	**6.3**
23	**Adjusted gross income (AGI) gap**	**142.0**	**1.6**	**15.3**	**29.7**	**14.9**	**15.1**	**46.7**	**18.0**	**.7**	**0**	**0**
24	Percent distribution of AGI gap	100.0	1.1	10.8	20.9	10.5	10.6	32.9	12.6	.5	.....	.....
25	AGI gap as a percentage of BEA-derived AGI	8.1	.1	109.2	31.6	27.8	76.7	30.7	29.3	24.3	.....	.....
26	AGI of IRS as a percentage of BEA-derived AGI	91.9	99.9	−9.2	68.4	72.2	23.3	69.3	70.7	75.7	.....	.....

See footnotes at end of table 5.

return. Because tabulations of information returns, which cover the entire income of the partnership, are used to estimate nonfarm proprietors' income in personal income, the net income of corporate partnerships is included. A comparison of IRS estimates of partnership income on the individual income tax returns and partnership income on business income tax returns, which tabulate income received by all partners, shows that the difference between the two estimates widened in recent years. The difference may be due to the growth in corporate partners' share in partnership income, but no adjustment is made because the data needed to estimate the corporate partners' share are insufficient.

Personal dividend income gap.—A sharp increase in dividends in AGI of IRS in recent years is due to the significant increase in payments from money market mutual funds. Although IRS instructs taxpayers to report payments from money market mutual funds as dividends, some may have reported the payments as interest. To the extent that individuals report payments from money market mutual funds as interest rather than as dividends on their tax return, the dividend income gap is overstated.

Personal interest income gap.—The sizable amount of "other personal income exempt or excluded from adjusted gross income" in 1981 (line 9, table 5) is a result of the Windfall Profit Tax Act of 1980. This act provided for an extension of the dividend exclusion to interest and an increase in the combined (that is, dividend plus interest) maximum exclusion to $200 for a single person ($400 for a joint return). This act's extension was for tax years 1981 and 1982, but the Economic Recovery Tax Act of 1981 limited the extension to the 1981 tax year. The combined exclusion of dividend and interest reported on 1981 individual income tax returns is allocated between personal dividend income and personal interest income.

Table 5.—Reconciliation of Personal Income and Adjusted Gross Income, by Type of Income, 1981

[Billions of dollars]

Line		Personal income										Income not included in personal income
		Total	Wages and Salaries	Proprietors' income [1]		Personal dividend income	Rental income of persons [2]	Personal interest income	Taxable pensions	Taxable unemployment compensation	Other personal income	
				Farm	Nonfarm							
1	Personal income	2,415.8	1,493.9	24.0	100.7	62.5	33.9	329.0	[3] 36.2	3.0	[4] 332.7	0
2	Less: Portion of personal income not included in adjusted gross income, total	659.2	12.2	15.4	10.7	8.8	15.3	129.5	0	0	435.8	[5] 31.5
3	Transfer payments except taxable military retirement and taxable government pensions	297.1	0	0	0	0	0	0	0	0	297.1	0
4	Other labor income except fees	138.4	0	0	0	0	0	0	0	0	138.4	0
5	Imputed income in personal income	59.7	6.5	5.3	1.0	0	9.9	37.0	0	0	0	0
6	Investment income retained by life insurance carriers and noninsured pensions funds	55.1	0	0	0	0	0	55.1	0	0	0	0
7	Investment income received by nonprofit institutions or retained by fidicuaries	23.7	0	0	.1	6.3	.7	16.4	0	0	.2	0
8	Differences in accounting treatment between NIPA's and tax regulations, net	30.8	0	10.1	9.6	.6	4.7	5.8	0	0	0	0
9	Other personal income exempt or excluded from adjusted gross income	54.4	5.8	0	0	2.0	0	15.2	0	0	0	31.5
10	Plus: Portion of adjusted gross income not included in personal income, total	182.3	4.8	0	.9	0	1.2	0	36.6	0	104.9	[6] 33.8
11	Personal contributions for social insurance	104.9	0	0	0	0	0	0	0	0	104.9	0
12	Net gain from sale of assets	29.6	0	0	0	0	0	0	0	0	0	29.6
13	Taxable private pensions	36.3	0	0	0	0	0	0	36.3	0	0	0
14	Small business corporation income	−.4	0	0	0	0	0	0	0	0	0	−.4
15	Other type of income	11.8	4.8	0	.9	0	1.2	0	.2	0	0	4.6
16	Plus: Intercomponent reallocation, total	0	2.1	(*)	3.3	12.6	0	−16.1	0	0	−1.8	0
17	Fees in other labor income	0	2.1	0	0	0	0	0	0	0	−2.1	0
18	Fiduciary's share of partnership income	0	0	(*)	−.2	0	0	0	0	0	.3	0
19	Interest received by nonfarm proprietors	0	0	0	3.5	0	0	−3.5	0	0	0	0
20	Money market mutual funds	0	0	0	0	12.6	0	−12.6	0	0	0	0
21	**Equals: BEA-derived adjusted gross income**	**1,938.9**	**1,488.5**	**8.5**	**94.2**	**66.3**	**19.8**	**183.4**	**72.8**	**3.0**	**0**	**2.4**
22	**Adjusted gross income of IRS (reallocated)**	**1,779.4**	**1,489.2**	**−7.3**	**55.8**	**46.5**	**3.9**	**134.5**	**52.1**	**2.3**	**0**	**2.4**
23	**Adjusted gross income (AGI) gap**	**159.6**	**−.7**	**15.8**	**38.5**	**19.8**	**15.9**	**48.9**	**20.7**	**.7**	**0**	**0**
24	Percent distribution of AGI gap	100.0	−.4	9.9	24.1	12.4	10.0	30.7	13.0	.4	.....	.....
25	AGI gap as a percentage of BEA-derived AGI	8.2	0	186.2	40.8	29.8	80.3	26.7	28.4	22.2	.....	.....
26	AGI of IRS as a percentage of BEA-derived AGI	91.8	100.0	−86.2	59.2	70.2	19.7	73.3	71.6	77.8	.....	.....

* Less than $0.1 billion.

1. With inventory valuation and capital consumption adjustments.

2. With capital consumption adjustment.

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

4. Consists of other labor income, nontaxable portion of government transfer payments to persons, business transfer payments, less personal contribution for social insurance.

5. Statutory adjustments.

6. Taxable private pensions represent the portion of nongovernment pernsion benefits received by individuals from annuity and pension plans in excess of the "investment in the contract."

7. Net gain from sale of assets, which is the sum of sales of capital assets (net gain less loss) and sales of property other than capital assets (net gain less loss), and all other sources (net).

Table 6.—Adjusted Gross Income Gap, Total and by Type of Income, 1947–81

[Billions of dollars]

Year	Total	Wages and salaries	Proprietors' income		Personal dividend income	Rental income of persons	Personal interest income	Taxable pensions	Taxable unemployment compensation	Addenda		
			Farm	Nonfarm						BEA-derived AGI	AGI gap as a percentage of BEA-derived AGI	AGI of IRS
1947	23.0	4.2	10.6	1.9	1.4	2.7	1.8	0.3	0	172.7	13.3	149.7
1948	23.1	5.5	9.1	2.1	1.4	2.9	1.9	.3	0	186.7	12.4	163.5
1949	23.4	6.5	7.8	3.0	1.4	2.4	2.1	.2	0	184.0	12.7	160.6
1950	23.6	5.5	6.6	4.3	2.0	2.6	2.4	.3	0	202.7	11.6	179.1
1951	26.9	6.6	7.9	4.6	1.8	2.9	2.7	.4	0	229.2	11.7	202.3
1952	26.6	6.0	7.2	5.1	1.9	3.1	2.8	.4	0	241.9	11.0	215.3
1953	28.0	6.3	6.8	5.7	2.1	3.2	3.4	.5	0	256.7	10.9	228.7
1954	25.7	6.4	5.3	5.0	.8	3.2	4.4	.5	0	254.9	10.1	229.2
1955	26.5	6.7	4.1	5.8	.9	3.1	5.1	.7	0	275.0	9.6	248.5
1956	27.7	8.4	4.4	4.6	.8	2.9	5.7	.9	0	295.5	9.4	267.7
1957	27.7	6.8	3.5	6.1	.6	3.1	6.7	1.0	0	308.1	9.0	280.3
1958	31.6	8.4	4.7	6.3	.7	3.3	7.2	1.1	0	312.8	10.1	281.2
1959	31.1	6.9	4.4	6.3	.9	3.6	7.6	1.4	0	336.2	9.2	305.1
1960	32.7	8.1	5.0	5.8	1.3	2.9	8.0	1.6	0	348.1	9.4	315.5
1961	30.8	6.6	4.6	6.3	1.1	2.8	7.6	1.8	0	360.4	8.5	329.9
1962	32.0	8.0	4.3	5.5	1.4	2.6	8.4	1.9	0	380.7	8.4	348.7
1963	32.0	6.9	4.6	5.6	1.5	3.0	8.3	2.0	0	400.8	8.0	368.8
1964	37.3	8.7	4.9	6.2	2.2	3.5	9.6	2.4	0	434.0	8.6	396.7
1965	38.1	7.0	4.5	6.2	2.6	4.1	11.1	2.7	0	467.3	8.2	429.2
1966	44.4	11.6	5.9	6.8	1.8	3.5	11.8	3.0	0	512.9	8.7	468.5
1967	41.1	9.0	3.9	6.9	2.1	3.7	12.3	3.5	0	546.2	7.6	504.8
1968	45.5	11.1	4.9	6.4	2.5	3.9	13.2	3.4	0	599.9	7.6	554.4
1969	49.2	9.8	6.3	7.8	2.3	4.2	14.8	4.0	0	652.7	7.5	603.5
1970	54.4	10.2	6.5	8.6	1.9	4.4	17.8	5.0	0	686.1	7.9	631.7
1971	56.9	10.2	6.6	9.4	2.5	4.5	17.8	5.9	0	730.5	7.8	673.6
1972	59.4	7.2	8.5	10.6	2.7	5.7	17.8	6.9	0	805.3	7.4	746.0
1973	74.3	10.5	14.5	11.6	2.9	5.7	21.8	7.3	0	901.4	8.2	827.1
1974	73.1	1.7	15.3	13.8	3.0	6.3	25.1	7.9	0	978.6	7.5	905.5
1975	71.8	5.2	9.7	14.9	2.7	5.6	24.9	8.9	0	1,019.6	7.0	947.8
1976	78.2	2.8	10.1	18.2	6.0	5.0	25.7	10.4	0	1,132.1	6.9	1,053.9
1977	94.4	8.6	9.7	20.3	6.9	9.3	29.1	10.7	0	1,252.9	7.5	1,158.5
1978	115.4	11.5	13.8	22.2	9.1	9.9	35.4	13.5	0	1,417.9	8.1	1,302.4
1979	132.6	3.3	13.9	29.3	12.2	12.4	46.0	15.2	.3	1,598.0	8.3	1,465.4
1980	142.0	1.6	15.3	29.7	14.9	15.1	46.7	18.0	.7	1,755.7	8.1	1,613.7
1981	159.6	−.7	15.8	38.5	19.8	15.9	48.9	20.7	.7	1,938.9	8.2	1,779.4

State Personal

Table 1.—Total Personal

[Millions of dollars, seasonally

State and region	1977[r]				1978[r]				1979[r]			
	I	II	III	IV	I	II	III	IV	I	II	III	IV
United States	**1,471,331**	**1,508,990**	**1,555,422**	**1,603,089**	**1,639,113**	**1,697,088**	**1,756,421**	**1,815,506**	**1,865,078**	**1,909,144**	**1,974,649**	**2,027,061**
New England	**85,292**	**87,162**	**89,593**	**92,001**	**93,836**	**96,662**	**99,899**	**102,545**	**105,789**	**107,846**	**111,720**	**114,802**
Connecticut	24,402	24,902	25,461	26,300	26,815	27,708	28,665	29,545	30,543	31,078	32,261	33,261
Maine	6,165	6,288	6,453	6,596	6,738	6,935	7,100	7,293	7,468	7,655	7,915	8,108
Massachusetts	40,384	41,301	42,546	43,456	44,278	45,425	46,980	48,018	49,557	50,524	52,309	53,741
New Hampshire	5,417	5,582	5,781	6,023	6,196	6,398	6,657	6,877	7,099	7,318	7,565	7,749
Rhode Island	6,213	6,307	6,481	6,667	6,741	7,020	7,224	7,439	7,653	7,734	8,027	8,192
Vermont	2,712	2,783	2,871	2,959	3,069	3,177	3,274	3,373	3,469	3,537	3,643	3,751
Mideast	**308,454**	**314,264**	**322,076**	**329,731**	**335,862**	**345,728**	**355,480**	**365,091**	**373,157**	**380,522**	**394,125**	**403,716**
Delaware	4,290	4,406	4,513	4,635	4,718	4,849	4,989	5,094	5,228	5,334	5,505	5,645
District of Columbia	5,837	5,952	6,055	6,227	6,222	6,320	6,469	6,688	6,761	6,914	7,151	7,402
Maryland	30,486	31,188	31,947	32,983	33,792	34,900	35,969	37,157	37,905	38,558	39,941	41,032
New Jersey	56,927	58,090	59,515	60,982	62,337	64,249	66,119	67,844	69,523	70,855	73,210	75,194
New York	130,945	132,881	136,158	139,276	142,034	145,773	149,518	153,503	156,252	159,424	165,356	168,867
Pennsylvania	79,969	81,746	83,888	85,628	86,758	89,637	92,416	94,805	97,488	99,436	102,962	105,575
Great Lakes	**291,997**	**301,196**	**311,250**	**318,369**	**324,426**	**334,897**	**345,897**	**356,939**	**367,364**	**373,793**	**384,182**	**390,500**
Illinois	88,081	89,961	92,338	94,631	96,631	99,231	102,272	105,008	107,563	110,149	114,244	116,118
Indiana	35,153	36,486	37,657	38,595	39,106	40,776	42,149	43,686	44,970	45,667	46,602	47,326
Michigan	65,847	68,169	70,858	72,286	74,159	76,266	78,963	81,719	84,471	85,195	86,657	87,607
Ohio	72,551	75,279	78,025	79,794	80,474	83,613	86,273	89,177	91,660	92,828	95,498	97,351
Wisconsin	30,365	31,301	32,372	33,062	34,056	35,010	36,240	37,350	38,700	39,953	41,180	42,097
Plains	**111,501**	**113,257**	**116,939**	**121,866**	**124,147**	**128,405**	**132,095**	**139,094**	**141,119**	**145,897**	**149,504**	**152,551**
Iowa	19,714	19,966	20,470	21,111	22,301	23,072	23,851	24,667	25,030	25,600	26,015	26,172
Kansas	15,760	16,087	16,622	17,817	17,512	18,213	18,800	20,200	20,487	21,603	22,193	22,845
Minnesota	27,650	28,059	28,886	29,654	30,431	31,301	32,245	33,671	34,356	35,549	36,446	37,389
Missouri	30,626	31,315	32,441	33,419	33,950	35,041	36,030	37,255	38,486	39,365	40,577	41,257
Nebraska	10,130	10,227	10,547	11,050	11,115	11,694	11,884	12,730	12,823	13,558	13,745	13,897
North Dakota	3,709	3,773	3,918	4,531	4,495	4,652	4,731	5,569	5,041	5,125	5,304	5,594
South Dakota	3,913	3,831	4,055	4,285	4,344	4,431	4,553	5,001	4,897	5,098	5,225	5,397
Southeast	**286,074**	**294,499**	**304,348**	**314,019**	**321,072**	**334,376**	**346,755**	**357,804**	**367,890**	**375,898**	**389,061**	**401,515**
Alabama	20,072	20,712	21,371	22,095	22,448	23,478	24,348	24,944	25,635	26,012	26,521	27,666
Arkansas	11,459	11,640	12,133	12,478	12,949	13,363	14,010	14,346	14,894	15,036	15,436	15,853
Florida	54,982	56,679	59,039	61,108	63,118	65,252	68,456	70,925	73,384	75,683	79,312	82,312
Georgia	29,467	30,442	31,525	32,680	33,549	34,680	35,933	37,109	38,121	38,973	40,337	41,498
Kentucky	19,825	20,500	20,987	21,582	21,487	22,935	23,585	24,289	25,082	25,494	26,315	26,872
Louisiana	22,720	23,375	24,067	24,789	25,591	26,672	27,711	28,532	29,269	29,988	31,416	32,492
Mississippi	11,704	11,934	12,445	12,744	13,062	13,590	13,977	14,367	14,810	15,006	15,487	16,127
North Carolina	31,349	32,198	33,224	34,222	35,326	36,525	37,739	39,051	40,028	40,814	41,674	42,828
South Carolina	15,514	15,996	16,478	17,014	17,473	17,919	18,532	19,172	19,619	20,204	20,860	21,507
Tennessee	23,952	24,706	25,523	26,444	26,929	28,132	29,078	30,029	30,865	31,401	32,415	33,236
Virginia	34,293	35,231	36,344	37,405	38,204	39,545	40,701	42,043	42,944	43,866	45,337	46,860
West Virginia	10,736	11,086	11,211	11,456	10,935	12,286	12,685	12,995	13,238	13,420	13,952	14,262
Southwest	**122,693**	**126,210**	**130,565**	**135,493**	**139,145**	**145,829**	**151,672**	**157,888**	**163,706**	**169,321**	**176,370**	**183,283**
Arizona	14,294	14,789	15,264	15,903	16,536	17,276	18,200	18,980	19,914	20,539	21,664	22,365
New Mexico	6,708	6,897	7,131	7,421	7,640	7,986	8,316	8,582	8,789	9,061	9,358	9,635
Oklahoma	17,207	17,638	18,311	19,141	19,368	20,483	21,242	22,272	22,847	23,690	24,629	25,551
Texas	84,484	86,885	89,860	93,027	95,602	100,084	103,914	108,054	112,156	116,031	120,719	125,731
Rocky Mountain	**37,966**	**39,080**	**40,490**	**42,574**	**43,702**	**45,635**	**47,144**	**49,421**	**50,438**	**51,944**	**54,074**	**55,535**
Colorado	18,137	18,720	19,359	20,317	20,835	21,712	22,549	23,526	24,367	25,142	26,279	26,959
Idaho	5,133	5,229	5,434	5,721	5,895	6,135	6,299	6,607	6,601	6,761	6,966	7,141
Montana	4,504	4,588	4,793	5,125	5,229	5,446	5,520	5,999	5,800	5,937	6,097	6,261
Utah	7,299	7,517	7,736	8,095	8,317	8,672	8,966	9,290	9,530	9,778	10,230	10,492
Wyoming	2,892	3,026	3,168	3,317	3,427	3,671	3,811	3,999	4,140	4,327	4,503	4,682
Far West	**216,044**	**222,036**	**228,984**	**237,476**	**245,093**	**253,572**	**265,181**	**274,077**	**282,823**	**290,855**	**302,124**	**311,325**
California	167,979	172,800	177,916	184,252	189,578	195,958	205,320	211,774	218,747	224,687	233,135	240,512
Nevada	5,005	5,177	5,376	5,624	5,918	6,222	6,558	6,847	7,103	7,304	7,648	7,904
Oregon	16,279	16,687	17,279	18,039	18,710	19,352	19,964	20,722	21,253	21,961	22,800	23,338
Washington	26,781	27,373	28,413	29,561	30,886	32,040	33,340	34,734	35,721	36,903	38,540	39,570
Alaska	4,552	4,442	4,182	4,257	4,399	4,375	4,377	4,477	4,440	4,501	4,630	4,739
Hawaii	6,758	6,844	6,995	7,303	7,430	7,609	7,920	8,171	8,351	8,568	8,858	9,098
												Census
New England	85,292	87,162	89,593	92,001	93,836	96,662	99,899	102,545	105,789	107,846	111,720	114,802
Middle Atlantic	267,841	272,717	279,561	285,886	291,129	299,660	308,053	316,152	323,263	329,716	341,528	349,637
East North Central	291,997	301,196	311,250	318,369	324,426	334,897	345,897	356,939	367,364	373,793	384,182	390,500
West North Central	111,501	113,257	116,939	121,866	124,147	128,405	132,095	139,094	141,119	145,897	149,504	152,551
South Atlantic	216,955	223,178	230,337	237,731	243,338	252,276	261,474	270,235	277,230	283,766	294,069	303,347
East South Central	75,553	77,852	80,326	82,865	83,927	88,134	90,987	93,630	96,391	97,914	100,737	103,902
West South Central	135,870	139,539	144,370	149,436	153,510	160,602	166,877	173,203	179,167	184,745	192,200	199,627
Mountain	63,973	65,944	68,260	71,523	73,796	77,119	80,219	83,830	86,243	88,848	92,745	95,440
Pacific	222,349	228,145	234,786	243,412	251,003	259,333	270,920	279,877	288,512	296,620	307,964	317,257

[r] Revised.

[p] Preliminary.

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

NOTE.—The quarterly estimates of State personal income were prepared by Francis G. McFaul with the aid of Thelma E. Harding, under the supervision of Robert L. Brown. Tables were prepared by Eunice P. James and Kathy A. Albetski.

Quarterly estimates for the years 1948–82 are available from the Regional Economic Information System, BE-55, Bureau of Economic Analysis, U.S. Department of Commerce, Washington, DC 20230.

Income, 1977–82

Income, States and Regions[1]

adjusted at annual rates]

1980[r]				1981[r]				1982				Percent change	
I	II	III	IV	I	II	III	IV	I[r]	II[r]	III[r]	IV[p]	1982:IV–1981:IV	1982:IV–1982:III
2,080,342	**2,103,863**	**2,179,220**	**2,252,772**	**2,321,982**	**2,371,842**	**2,448,624**	**2,483,732**	**2,499,775**	**2,541,891**	**2,581,838**	**2,616,112**	**5.3**	**1.3**
118,704	120,350	124,837	129,386	132,349	135,326	140,126	142,524	143,749	146,322	149,099	151,439	6.3	1.6
34,618	34,951	36,300	37,707	38,845	39,467	40,845	41,366	42,173	42,742	43,620	44,096	6.6	1.1
8,318	8,445	8,748	9,078	9,342	9,578	9,813	9,917	10,007	10,111	10,313	10,520	6.1	2.0
55,455	56,406	58,546	60,506	61,558	63,202	65,492	66,725	66,927	68,354	69,571	70,801	6.1	1.8
8,024	8,115	8,396	8,816	8,945	9,140	9,543	9,840	9,875	10,101	10,301	10,458	6.3	1.5
8,436	8,548	8,808	9,104	9,341	9,525	9,852	9,993	10,050	10,209	10,354	10,523	5.3	1.6
3,853	3,885	4,040	4,175	4,318	4,414	4,580	4,683	4,717	4,805	4,939	5,040	7.6	2.0
415,861	**421,512**	**435,214**	**449,875**	**462,226**	**471,801**	**486,977**	**494,006**	**501,573**	**508,824**	**516,721**	**523,319**	**5.9**	**1.3**
5,865	5,857	6,062	6,287	6,452	6,540	6,746	6,836	6,924	7,059	7,207	7,226	5.7	.3
7,574	7,677	7,949	8,193	8,338	8,382	8,628	8,743	8,809	8,948	9,176	9,297	6.3	1.3
42,404	42,934	44,403	45,980	47,229	48,008	49,639	50,412	50,561	51,512	52,527	53,441	6.0	1.7
77,816	78,970	81,506	84,541	86,945	88,685	91,466	92,909	94,566	96,223	97,727	99,075	6.6	1.4
173,658	176,764	182,804	188,839	194,360	198,884	205,344	208,238	213,445	215,734	219,474	222,130	6.7	1.2
108,544	109,310	112,489	116,035	118,903	121,303	125,153	126,868	127,267	129,349	130,610	132,150	4.2	1.2
397,503	**397,471**	**408,483**	**420,371**	**430,815**	**439,231**	**451,019**	**453,508**	**452,390**	**459,855**	**465,796**	**468,314**	**3.3**	**.5**
117,249	117,496	120,502	122,690	128,564	130,724	134,340	136,924	136,183	138,547	140,635	141,560	3.4	.7
47,735	47,539	48,961	50,794	51,906	52,519	54,176	54,140	54,773	55,108	55,372	55,960	3.4	1.1
89,882	89,251	91,962	95,518	96,567	98,849	100,649	100,002	98,790	100,987	101,504	101,393	1.4	−.1
99,551	100,258	102,678	106,043	107,958	110,057	113,016	113,714	113,543	115,847	117,811	118,255	4.0	.4
43,086	42,928	44,380	45,325	45,821	47,082	48,837	48,728	49,102	49,367	50,473	51,146	5.0	1.3
153,727	**153,644**	**159,522**	**163,948**	**171,308**	**174,692**	**180,178**	**182,075**	**180,954**	**183,135**	**185,965**	**188,873**	**3.7**	**1.6**
26,529	26,408	27,223	27,993	29,422	30,033	30,903	31,133	29,782	30,458	30,885	31,257	.4	1.2
22,693	22,841	23,671	24,442	24,978	25,501	26,123	26,557	27,311	27,262	27,643	28,038	5.6	1.4
38,577	38,449	40,185	41,151	42,482	43,441	44,991	45,325	45,135	45,331	45,851	46,891	3.5	2.3
41,710	41,717	43,394	44,570	46,433	47,017	48,377	48,961	49,160	50,093	50,977	51,267	4.7	.6
13,712	13,742	14,216	14,619	15,796	16,111	16,681	16,789	16,267	16,508	16,739	17,014	1.3	1.6
5,285	5,308	5,439	5,629	6,365	6,608	6,912	7,079	6,969	7,013	7,288	7,530	6.4	3.3
5,221	5,179	5,394	5,544	5,832	5,981	6,191	6,231	6,329	6,469	6,582	6,876	10.4	4.5
411,975	**418,224**	**435,070**	**450,404**	**465,846**	**475,106**	**492,166**	**499,229**	**501,705**	**512,470**	**520,667**	**531,189**	**6.4**	**2.0**
28,292	28,439	29,369	30,372	31,384	31,698	32,746	32,927	33,008	33,756	33,895	34,675	5.3	2.3
15,932	15,832	16,534	16,952	17,895	18,188	18,800	18,956	18,552	19,021	19,214	19,584	3.3	1.9
85,524	87,747	92,017	95,786	98,572	102,043	105,430	107,964	108,938	111,911	114,795	117,448	8.8	2.3
42,282	43,081	44,679	46,305	48,128	49,199	50,660	51,225	51,990	53,301	54,041	55,259	7.9	2.3
27,124	27,019	27,937	28,762	29,949	29,941	31,521	31,884	31,919	31,996	32,672	33,388	4.7	2.2
33,894	34,761	36,521	37,885	39,250	40,380	41,814	42,536	43,093	43,779	44,400	44,668	5.0	.6
16,259	16,345	17,064	17,561	18,153	18,542	18,997	19,315	19,304	19,842	19,908	20,450	5.9	2.7
44,248	44,776	46,399	47,814	49,687	50,846	52,700	52,904	52,572	54,065	54,621	56,168	6.2	2.8
21,893	22,228	22,982	23,785	24,554	25,150	25,835	26,286	26,387	26,819	27,313	27,975	6.4	2.4
33,818	34,274	35,491	36,528	37,728	38,574	39,647	39,927	40,119	40,932	41,545	42,028	5.3	1.2
48,024	49,013	50,956	53,023	54,466	55,294	57,106	58,203	58,657	59,962	60,988	62,079	6.7	1.8
14,685	14,708	15,121	15,631	16,080	15,252	16,909	17,103	17,167	17,085	17,276	17,467	2.1	1.1
188,876	**192,896**	**201,644**	**209,521**	**217,983**	**224,320**	**233,228**	**239,660**	**243,978**	**247,779**	**251,070**	**253,578**	**5.8**	**1.0**
23,049	23,518	24,256	25,407	26,015	26,855	27,836	28,437	28,428	28,956	29,446	29,889	5.1	1.5
9,906	10,003	10,376	10,788	10,841	11,129	11,485	11,737	11,923	12,119	12,303	12,573	7.1	2.2
26,320	26,765	28,286	29,154	30,258	31,110	32,406	33,238	33,649	34,082	34,502	34,700	4.4	.6
129,601	132,611	138,727	144,171	150,869	155,226	161,500	166,249	169,979	172,622	174,819	176,416	6.1	.9
57,469	**58,084**	**60,422**	**62,891**	**65,073**	**66,334**	**69,125**	**70,243**	**70,750**	**71,667**	**72,392**	**73,877**	**5.2**	**2.1**
27,915	28,268	29,388	30,660	31,778	32,533	33,913	34,806	35,245	35,546	35,992	36,628	5.2	1.8
7,505	7,407	7,791	7,992	8,330	8,480	8,777	8,707	8,657	8,830	8,982	9,282	6.6	3.3
6,432	6,439	6,689	6,988	7,210	7,341	7,635	7,653	7,711	7,836	7,758	7,933	3.7	2.3
10,799	10,983	11,336	11,788	12,211	12,319	12,917	13,082	13,185	13,461	13,684	13,935	6.5	1.8
4,817	4,987	5,217	5,463	5,545	5,662	5,884	5,994	5,952	5,994	5,976	6,099	1.7	2.1
321,854	**327,056**	**338,888**	**350,741**	**360,533**	**368,754**	**379,133**	**385,368**	**387,303**	**394,111**	**401,446**	**406,570**	**5.5**	**1.3**
248,789	253,447	262,158	271,564	279,149	285,552	293,970	299,667	301,802	307,929	313,534	317,125	5.8	1.1
8,268	8,347	8,741	9,096	9,440	9,695	9,956	10,060	10,188	10,260	10,387	10,555	4.9	1.6
23,864	23,889	24,727	25,375	26,014	26,363	26,885	26,854	26,986	27,332	27,697	28,075	4.5	1.4
40,933	41,374	43,262	44,706	45,931	47,145	48,322	48,788	48,326	48,589	49,828	50,815	4.2	2.0
4,853	4,989	5,155	5,331	5,369	5,576	5,744	5,954	6,137	6,260	6,976	7,246	21.7	3.9
9,520	9,638	9,985	10,304	10,479	10,702	10,928	11,165	11,235	11,468	11,707	11,708	4.9	0
regions													
118,704	120,350	124,837	129,386	132,349	135,326	140,126	142,524	143,749	146,322	149,099	151,439	6.3	1.6
360,018	365,044	376,799	389,415	400,207	408,871	421,964	428,015	435,277	441,305	447,811	453,355	5.9	1.2
397,503	397,471	408,483	420,371	430,815	439,231	451,019	453,508	452,390	459,855	465,796	468,314	3.3	.5
153,727	153,644	159,522	163,948	171,308	174,692	180,178	182,075	180,954	183,135	185,965	188,873	3.7	1.6
312,499	318,023	330,568	342,805	353,506	360,713	373,653	379,676	382,006	390,662	397,944	406,360	7.0	2.1
105,493	106,077	109,861	113,222	117,214	118,755	122,911	124,052	124,350	126,527	128,019	130,541	5.2	2.0
205,748	209,968	220,069	228,162	238,271	244,904	254,521	260,979	265,272	269,504	272,934	275,368	5.5	.9
98,692	99,951	103,794	108,183	111,369	114,013	118,402	120,476	121,289	123,002	124,529	126,894	5.3	1.9
327,958	333,336	345,286	357,280	366,941	375,336	385,849	392,427	394,487	401,579	409,741	414,969	5.7	1.3

Table 2.—Total and Per Capita Personal Income

State and region	Total							Per capita							
	Millions of dollars						Percent change 1981–1982	Dollars						Rank in United States	
	1977	1978[r]	1979[r]	1980[r]	1981[r]	1982[p]		1977	1978[r]	1979[r]	1980[r]	1981[r]	1982[p]	1977	1982
United States	**1,534,708**	**1,727,032**	**1,943,983**	**2,154,049**	**2,406,545**	**2,559,904**	**6.4**	**6,984**	**7,776**	**8,657**	**9,483**	**10,495**	**11,056**		
New England	**88,512**	**98,236**	**110,039**	**123,319**	**137,582**	**147,652**	**7.3**	**7,221**	**7,985**	**8,913**	**9,971**	**11;056**	**11,819**		
Connecticut	25,266	28,183	31,786	35,894	40,131	43,158	7.5	8,180	9,107	10,254	11,527	12,806	13,687	3	3
Maine	6,375	7,016	7,787	8,647	9,663	10,238	6.0	5,768	6,290	6,922	7,677	8,530	9,033	44	41
Massachusetts	41,921	46,175	51,532	57,729	64,244	68,913	7.3	7,298	8,040	8,968	10,052	11,127	11,921	15	10
New Hampshire	5,701	6,532	7,433	8,338	9,367	10,184	8.7	6,539	7,307	8,151	9,028	10,013	10,710	30	27
Rhode Island	6,417	7,106	7,902	8,724	9,678	10,284	6.3	6,718	7,423	8,260	9,197	10,156	10,730	27	26
Vermont	2,831	3,223	3,600	3,988	4,499	4,875	8.4	5,752	6,468	7,118	7,789	8,726	9,446	45	39
Mideast	**318,632**	**350,541**	**387,880**	**430,616**	**478,753**	**512,609**	**7.1**	**7,489**	**8,263**	**9,157**	**10,183**	**11,300**	**12,072**		
Delaware	4,461	4,913	5,428	6,018	6,643	7,104	6.9	7,500	8,212	9,064	10,097	11,102	11,796	13	11
District of Columbia	6,018	6,425	7,057	7,848	8,523	9,058	6.3	8,827	9,589	10,764	12,329	13,509	14,347	2	2
Maryland	31,651	35,455	39,359	43,930	48,822	52,011	6.5	7,546	8,418	9,319	10,397	11,452	12,194	11	7
New Jersey	58,878	65,137	72,196	80,708	90,001	96,898	7.7	8,019	8,855	9,792	10,941	12,156	13,027	4	4
New York	134,815	147,707	162,474	180,517	201,707	217,695	7.9	7,552	8,335	9,214	10,271	11,460	12,328	10	6
Pennsylvania	82,808	90,904	101,366	111,594	123,057	129,844	5.5	6,969	7,662	8,537	9,394	10,366	10,943	22	21
Great Lakes	**305,704**	**340,539**	**378,960**	**405,956**	**443,643**	**461,589**	**4.0**	**7,393**	**8,204**	**9,107**	**9,734**	**10,650**	**11,100**		
Illinois	91,253	100,785	112,019	119,484	132,638	139,231	5.0	8,000	8,814	9,807	10,451	11,572	12,162	5	8
Indiana	36,973	41,429	46,141	48,757	53,185	55,303	4.0	6,840	7,607	8,428	8,883	9,727	10,109	25	34
Michigan	69,291	77,777	85,982	91,653	99,017	100,668	1.7	7,567	8,452	9,297	9,903	10,758	11,052	9	19
Ohio	76,412	84,884	94,334	102,133	111,186	116,364	4.7	7,094	7,863	8,736	9,456	10,314	10,783	19	23
Wisconsin	31,775	35,664	40,483	43,929	47,617	50,022	5.1	6,888	7,701	8,676	9,291	10,042	10,497	23	29
Plains	**115,891**	**130,935**	**147,267**	**157,711**	**177,063**	**184,731**	**4.3**	**6,837**	**7,689**	**8,614**	**9,168**	**10,272**	**10,652**		
Iowa	20,315	23,473	25,704	27,038	30,373	30,595	.7	6,971	8,041	8,812	9,283	10,478	10,532	21	28
Kansas	16,571	18,681	21,782	23,412	25,790	27,564	6.9	7,149	8,008	9,279	9,889	10,824	11,448	17	16
Minnesota	28,562	31,912	35,935	39,590	44,060	45,802	4.0	7,177	7,969	8,899	9,697	10,762	11,082	16	18
Missouri	31,951	35,569	39,921	42,848	47,697	50,374	5.6	6,594	7,302	8,165	8,702	9,654	10,175	29	33
Nebraska	10,488	11,856	13,506	14,072	16,344	16,632	1.8	6,747	7,596	8,633	8,954	10,366	10,489	26	30
North Dakota	3,982	4,862	5,266	5,415	6,741	7,200	6.8	6,135	7,472	8,074	8,281	10,237	10,746	35	25
South Dakota	4,021	4,582	5,154	5,335	6,059	6,564	8.3	5,837	6,648	7,480	7,734	8,837	9,506	39	38
Southeast	**299,735**	**340,002**	**383,591**	**428,917**	**483,087**	**516,508**	**6.9**	**5,958**	**6,652**	**7,380**	**8,111**	**9,015**	**9,533**		
Alabama	21,063	23,804	26,458	29,118	32,189	33,833	5.1	5,568	6,209	6,838	7,476	8,217	8,581	48	48
Arkansas	11,928	13,667	15,305	16,313	18,460	19,093	3.4	5,404	6,098	6,745	7,097	8,041	8,332	50	50
Florida	57,952	66,938	77,673	90,269	103,502	113,273	9.4	6,520	7,330	8,202	9,142	10,165	10,875	31	22
Georgia	31,028	35,318	39,732	44,087	49,803	53,648	7.7	5,954	6,681	7,370	8,042	8,935	9,514	37	37
Kentucky	20,723	23,074	25,941	27,710	30,824	32,494	5.4	5,797	6,389	7,119	7,567	8,416	8,861	42	44
Louisiana	23,738	27,126	30,791	35,765	40,995	43,985	7.3	5,911	6,660	7,439	8,472	9,517	10,083	38	35
Mississippi	12,207	13,749	15,358	16,807	18,752	19,876	6.0	4,962	5,526	6,124	6,663	7,409	7,792	51	51
North Carolina	32,749	37,160	41,336	45,809	51,534	54,357	5.5	5,777	6,475	7,125	7,780	8,656	9,032	43	42
South Carolina	16,251	18,274	20,548	22,722	25,456	27,123	6.5	5,437	6,009	6.657	7,266	8,039	8,468	49	49
Tennessee	25,156	28,542	31,979	35,027	38,969	41,156	5.6	5,715	6,397	7.054	7,622	8,450	8,849	47	46
Virginia	35,818	40,123	44,752	50,254	56,267	60,422	7.4	6,881	7,593	8,405	9,373	10,363	11,003	24	20
West Virginia	11,123	12,225	13,718	15,036	16,336	17,249	5.6	5,837	6,366	7,075	7,709	8,369	8,856	40	45
Southwest	**128,739**	**148,634**	**173,169**	**198,234**	**228,798**	**249,101**	**8.9**	**6,532**	**7,365**	**8,335**	**9,266**	**10,405**	**10,985**		
Arizona	15,062	17,748	21,120	24,057	27,286	29,180	6.9	6,205	7,049	8,004	8,810	9,765	10,201	33	32
New Mexico	7,040	8,131	9,211	10,268	11,298	12,230	8.2	5,745	6,495	7,193	7,867	8,509	8,997	46	43
Oklahoma	18,074	20,841	24,179	27,631	31,753	34,233	7.8	6,306	7,154	8,141	9,097	10,241	10,776	32	24
Texas	88,564	101,914	118,658	136,278	158,462	173,459	9.5	6,714	7,550	8,544	9,516	10,731	11,352	28	17
Rocky Mountain	**40,028**	**46,475**	**52,998**	**59,717**	**67,694**	**72,172**	**6.6**	**6,585**	**7,428**	**8,231**	**9,068**	**10,063**	**10,511**		
Colorado	19,133	22,155	25,687	29,058	33,257	35,853	7.8	7,097	8,008	9,016	10,009	11,216	11,776	18	12
Idaho	5,379	6,234	6,867	7,674	8,573	8,938	4.2	6,089	6,843	7,363	8,102	8,937	9,259	36	40
Montana	4,752	5,548	6,024	6,637	7,460	7,810	4.7	6,161	7,076	7,633	8,420	9,412	9,750	34	36
Utah	7,662	8,811	10,007	11,226	12,632	13,566	7.4	5,820	6,459	7,067	7,626	8,322	8,733	41	47
Wyoming	3,101	3,727	4,413	5,121	5,771	6,005	4.1	7,535	8,649	9,767	10,791	11,733	11,970	12	9
Far West	**226,134**	**259,481**	**296,783**	**334,635**	**373,446**	**397,357**	**6.4**	**7,734**	**8,663**	**9,695**	**10,670**	**11,704**	**12,227**		
California	175,737	200,658	229,272	258,990	289,584	310,097	7.1	7,863	8,786	9,859	10,895	11,968	12,543	6	5
Nevada	5,295	6,386	7,490	8,613	9,787	10,348	5.7	7,808	8,878	9,789	10,674	11,582	11,748	7	13
Oregon	17,070	19,687	22,338	24,464	26,529	27,523	3.7	6,998	7,844	8,664	9,275	10,009	10,392	20	31
Washington	28,032	32,750	37,683	42,568	47,546	49,390	3.9	7,431	8,427	9,391	10,262	11,274	11,635	14	14
Alaska	4,358	4,407	4,577	5,082	5,661	6,655	17.6	10,968	10,957	11,344	12,618	13,749	15,200	1	1
Hawaii	6,975	7,782	8,719	9,861	10,818	11,530	6.6	7,617	8,378	9,177	10,182	11,032	11,602	8	15
	Census regions														
New England	88,512	98,236	110,039	123,319	137,582	147,652	7.3	7,221	7,985	8,913	9,971	11,056	11,819		
Middle Atlantic	276,501	303,749	336,036	372,819	414,765	444,437	7.2	7,458	8,222	9,112	10,122	11,248	12,024		
East North Central	305,704	340,539	378,960	405,956	443,643	461,589	4.0	7,393	8,204	9,107	9,734	10,650	11,100		
West North Central	115,891	130,935	147,267	157,711	177,063	184,731	4.3	6,837	7,689	8,614	9,168	10,272	10,652		
South Atlantic	227,052	256,831	289,603	325,974	366,887	394,243	7.5	6,425	7,158	7,936	8,776	9,719	10,317		
East South Central	79,148	89,170	99,736	108,662	120,733	127,359	5.5	5,566	6,194	6,853	7,405	8,200	8,599		
West South Central	142,303	163,549	188,934	215,987	249,669	270,769	8.5	6,387	7,197	8,121	9,045	10,203	10,783		
Mountain	67,425	78,740	90,819	102,655	116,065	123,929	6.8	6,477	7,327	8,165	8,983	9,925	10,356		
Pacific	232,172	265,283	302,589	340,965	380,138	405,194	6.6	7,771	8,679	9,698	10,679	11,713	12,261		

[r] Revised.
[p] Preliminary.

Table 3.—Percent Changes in Selected Shares of Personal Income, 1981–82

State and region	Total personal income	Labor and proprietors' income of persons engaged in production [1]										Government		
		Total	Nonfarm	Mining	Contracting construction	Manufacturing	Wholesale and retail trade	Finance, insurance and real estate	Transportation communication public utilities	Services	Other	Federal civilian	Federal military	State and local
United States	**6.4**	**4.2**	**4.5**	**5.0**	**−0.8**	**−0.2**	**4.2**	**8.9**	**4.6**	**9.6**	**5.0**	**4.3**	**12.3**	**7.0**
New England	**7.3**	**5.9**	**6.0**	**−13.0**	**7.9**	**2.9**	**4.6**	**11.9**	**7.4**	**10.7**	**4.2**	**4.0**	**11.1**	**3.5**
Connecticut	7.5	6.1	6.1	−24.3	7.3	2.2	5.6	14.2	10.0	11.4	1.2	5.9	8.2	3.3
Maine	6.0	3.9	5.1	2.3	−.1	5.6	2.3	9.0	5.1	5.2	6.2	6.5	12.5	6.4
Massachusetts	7.3	6.1	6.1	8.9	7.7	3.7	4.5	11.3	6.3	11.0	4.7	1.8	12.7	1.4
New Hampshire	8.7	7.9	7.9	−1.8	25.0	4.0	3.8	9.4	8.4	11.3	3.2	4.1	8.2	10.7
Rhode Island	6.3	3.6	3.6	33.8	4.7	−3.5	3.0	8.3	7.3	9.7	4.6	5.7	12.7	7.2
Vermont	8.4	6.9	6.9	9.7	−6.5	5.8	6.5	11.5	7.6	9.8	3.5	10.4	6.7	9.3
Mideast	**7.1**	**5.4**	**5.5**	**3.5**	**4.8**	**−.4**	**5.0**	**10.6**	**5.5**	**10.3**	**3.8**	**3.7**	**14.1**	**8.1**
Delaware	6.9	6.1	6.3	(D)	(D)	1.6	4.0	15.7	3.8	9.6	(D)	7.3	12.2	5.6
District of Columbia	6.3	5.1	5.1	(D)	(D)	−1.6	.8	5.1	10.3	10.2	(D)	.9	12.9	8.5
Maryland	6.5	4.7	4.9	7.6	−3.6	−2.8	5.5	6.8	7.7	8.4	4.6	4.4	14.0	9.5
New Jersey	7.7	6.6	6.6	1.7	2.4	2.1	7.0	10.8	7.9	11.7	3.1	7.7	15.9	7.3
New York	7.9	7.2	7.3	4.8	12.3	3.3	5.7	12.3	6.2	9.2	3.9	3.7	10.8	8.6
Pennsylvania	5.5	2.0	2.2	3.0	−.1	−5.7	2.4	6.9	1.2	12.4	3.5	5.8	18.7	7.1
Great Lakes	**4.0**	**.6**	**.8**	**2.9**	**−3.7**	**−4.4**	**1.4**	**7.1**	**.9**	**6.9**	**3.6**	**3.8**	**9.7**	**6.1**
Illinois	5.0	2.0	2.8	6.3	2.4	−4.1	1.4	12.2	2.2	8.2	1.4	5.0	7.9	8.9
Indiana	4.0	.9	.4	6.7	−5.5	−2.5	1.4	.7	1.7	5.7	4.8	−.2	12.7	4.4
Michigan	1.7	−2.5	−2.3	−17.5	−8.7	−6.7	−2.1	0	−1.1	4.3	4.0	4.6	11.4	3.5
Ohio	4.7	1.1	.9	8.0	−4.5	−5.1	3.7	7.8	0	8.6	3.8	3.9	11.1	5.3
Wisconsin	5.1	1.8	2.3	−5.9	−8.2	−.1	2.5	4.3	1.4	5.9	5.7	3.0	8.9	7.9
Plains	**4.3**	**1.3**	**2.8**	**−8.9**	**−5.4**	**−1.0**	**2.7**	**6.5**	**2.2**	**8.1**	**4.0**	**4.7**	**8.9**	**6.0**
Iowa	.7	−4.9	−.3	−8.8	−16.7	−7.4	1.3	6.4	.8	7.1	2.9	8.1	8.4	6.7
Kansas	6.9	4.3	2.0	6.1	−5.6	−7.7	2.7	7.8	6.7	6.5	3.8	6.9	7.7	8.4
Minnesota	4.0	.8	2.3	−34.3	−5.2	4.1	1.8	5.7	−2.3	6.1	4.7	3.5	−.4	2.8
Missouri	5.6	3.8	4.5	11.1	.5	1.6	3.6	5.9	3.8	9.4	4.2	4.2	7.6	6.1
Nebraska	1.8	−2.1	3.8	1.9	−10.8	−3.5	3.8	7.4	1.9	12.4	6.0	3.7	11.7	7.1
North Dakota	6.8	5.5	8.2	−9.2	18.6	6.0	6.5	8.3	5.3	12.0	3.8	3.4	13.4	12.0
South Dakota	8.3	6.9	2.6	−14.2	−22.1	2.3	.6	9.8	1.2	8.7	−1.3	2.5	12.3	7.5
Southeast	**6.9**	**5.0**	**5.3**	**8.5**	**−1.5**	**.4**	**4.8**	**8.2**	**6.4**	**11.3**	**5.6**	**4.4**	**13.2**	**7.2**
Alabama	5.1	2.5	2.8	11.6	−2.3	−4.0	3.3	6.6	5.9	10.6	8.1	4.9	10.1	4.4
Arkansas	3.4	0	2.9	10.1	−11.5	−.9	2.8	9.7	3.8	8.7	4.5	3.6	13.3	6.5
Florida	9.4	8.1	7.9	−4.0	−2.7	6.6	6.0	8.6	8.3	13.2	6.1	4.4	14.8	9.1
Georgia	7.7	6.7	6.9	2.0	8.6	2.1	6.0	9.4	8.7	10.8	5.2	7.9	11.4	8.1
Kentucky	5.4	3.2	3.2	5.1	−1.9	−2.6	3.5	5.5	3.7	7.8	5.4	11.7	14.2	5.3
Louisiana	7.3	5.9	6.0	9.0	−5.1	.4	4.2	10.3	4.4	14.3	5.2	8.2	12.2	11.1
Mississippi	6.0	3.8	3.9	6.1	7.2	−.2	3.0	6.5	4.7	8.7	3.3	−3.5	13.2	5.3
North Carolina	5.5	3.2	4.2	−4.0	−3.4	.6	6.2	6.9	7.1	8.8	4.8	7.7	10.7	4.4
South Carolina	6.5	4.5	4.7	−.8	−.2	−1.0	3.2	8.1	8.0	12.4	3.9	5.6	14.4	10.0
Tennessee	5.6	3.2	3.2	2.2	5.4	−.3	3.8	7.5	1.4	9.5	5.1	−6.9	8.9	5.7
Virginia	7.4	6.3	6.9	7.2	−2.8	2.8	5.9	8.7	8.7	12.0	6.6	5.3	14.6	6.6
West Virginia	5.6	2.4	2.5	14.5	−12.1	−7.2	.3	6.2	2.5	9.4	2.5	5.6	7.8	5.3
Southwest	**8.9**	**8.0**	**8.2**	**6.8**	**5.5**	**3.3**	**8.7**	**13.7**	**5.9**	**12.6**	**5.7**	**5.2**	**11.2**	**12.1**
Arizona	6.9	4.2	4.2	−21.2	−6.4	2.4	5.8	8.7	−3.1	10.4	6.4	5.4	12.7	10.9
New Mexico	8.2	6.8	6.8	−6.5	5.8	8.2	8.9	7.9	7.3	11.7	5.9	2.5	15.9	7.6
Oklahoma	7.8	6.4	7.1	7.1	5.5	.5	7.5	9.4	5.2	10.7	5.1	5.6	17.2	12.9
Texas	9.5	8.9	9.1	10.2	7.4	3.8	9.3	15.5	7.2	13.4	5.6	5.6	9.1	12.8
Rocky Mountain	**6.6**	**4.6**	**4.8**	**−2.4**	**5.1**	**2.4**	**4.5**	**6.2**	**5.9**	**8.7**	**5.3**	**4.0**	**6.6**	**6.0**
Colorado	7.8	6.5	6.7	−.6	12.9	5.1	6.2	6.1	8.6	8.6	5.2	4.2	4.9	6.3
Idaho	4.2	1.0	.6	−23.3	−10.9	−3.2	.9	4.0	1.2	6.8	5.1	−1.6	7.2	7.0
Montana	4.7	.8	1.3	−8.7	−5.0	−10.0	2.4	6.4	2.6	6.0	5.0	6.2	8.9	4.6
Utah	7.4	5.6	5.7	−1.8	3.2	2.9	3.7	7.7	7.9	12.0	6.2	5.0	10.7	7.4
Wyoming	4.1	1.1	1.7	−.8	.6	1.0	2.7	7.2	−1.5	7.1	5.8	3.2	10.0	2.0
Far West	**6.4**	**4.2**	**4.4**	**5.3**	**−9.2**	**3.7**	**3.1**	**6.5**	**4.0**	**8.6**	**5.8**	**5.1**	**13.5**	**4.9**
California	7.1	5.3	5.5	7.5	−6.4	5.3	4.1	7.2	4.6	10.0	5.3	5.2	13.6	4.1
Nevada	5.7	2.9	3.1	−9.2	−20.2	.5	.5	3.9	2.1	7.9	1.6	7.5	13.0	10.5
Oregon	3.7	−.3	−.1	−11.0	−21.4	−2.9	−.6	1.5	.6	6.1	5.7	5.6	10.7	4.7
Washington	3.9	.4	.5	4.5	−13.7	−2.1	−.1	5.0	2.4	−.1	8.6	3.9	12.9	8.6
Alaska	17.6	12.1	12.1	19.2	28.9	−9.1	12.1	12.9	7.7	10.7	−2.4	4.6	12.5	15.0
Hawaii	6.6	5.5	5.5	40.2	−12.6	.4	5.0	3.4	4.2	8.9	6.3	7.1	11.4	8.5
	Census regions													
New England	7.3	5.9	6.0	−13.0	7.9	2.9	4.6	11.9	7.4	10.7	4.2	4.0	11.1	3.5
Middle Atlantic	7.2	5.5	5.6	3.2	5.6	−.3	5.0	11.0	5.2	10.5	3.6	5.3	14.6	8.0
East North Central	4.0	.6	.8	2.9	−3.7	−4.4	1.4	7.1	.9	6.9	3.6	3.8	9.7	6.1
West North Central	4.3	1.3	2.8	−8.9	−5.4	−1.0	2.7	6.5	2.2	8.1	4.0	4.7	8.9	6.0
South Atlantic	7.5	5.8	6.0	10.0	−1.0	1.3	5.4	8.1	7.9	11.1	5.4	4.1	13.5	7.7
East South Central	5.5	3.1	3.2	6.1	1.9	−1.8	3.5	6.7	3.7	9.2	5.7	.5	11.9	5.2
West South Central	8.5	7.5	7.9	9.4	3.6	2.5	7.9	13.8	6.2	13.0	5.4	5.8	10.9	12.0
Mountain	6.8	4.6	4.7	−5.9	−.1	2.6	4.9	6.8	4.0	9.2	5.5	4.2	9.9	7.7
Pacific	6.6	4.4	4.7	9.1	−7.6	3.6	3.4	6.5	4.1	8.7	5.7	5.1	13.1	5.2

D Not shown to avoid disclosure of confidential information; data are included in totals.
1. Consists of wage and salary disbursements, other labor income, and proprietors' income.

Table 4.—Total and Per Capita Disposable Personal Income

State and region	Total: Millions of dollars 1977	1978r	1979r	1980r	1981r	1982p	Percent change 1981-82	Per capita: Dollars 1977	1978r	1979r	1980r	1981r	1982p	Rank in United States 1977	1982
United States	**1,309,219**	**1,469,222**	**1,643,846**	**1,818,158**	**2,020,877**	**2,163,746**	**7.1**	**5,957**	**6,615**	**7,320**	**8,004**	**8,813**	**9,345**		
New England	**75,811**	**83,795**	**93,111**	**103,827**	**115,078**	**124,440**	**8.1**	**6,185**	**6,811**	**7,542**	**8,395**	**9,248**	**9,961**		
Connecticut	21,664	24,037	26,930	30,190	33,561	36,416	8.5	7,014	7,767	8,687	9,695	10,709	11,549	3	3
Maine	5,649	6,165	6,812	7,517	8,338	8,875	6.4	5,111	5,527	6,055	6,673	7,360	7,830	39	41
Massachusetts	35,553	39,107	43,188	48,141	53,173	57,460	8.1	6,189	6,810	7,516	8,383	9,210	9,940	14	13
New Hampshire	4,948	5,617	6,396	7,174	8,026	8,780	9.4	5,675	6,283	7,014	7,769	8,579	9,234	29	22
Rhode Island	5,553	6,085	6,699	7,406	8,164	8,746	7.1	5,814	6,357	7,003	7,808	8,567	9,125	25	25
Vermont	2,443	2,785	3,086	3,399	3,817	4,162	9.1	4,964	5,589	6,102	6,638	7,403	8,065	47	38
Mideast	**269,269**	**295,867**	**325,227**	**360,527**	**397,749**	**428,699**	**7.8**	**6,329**	**6,974**	**7,678**	**8,525**	**9,388**	**10,096**		
Delaware	3,650	4,021	4,408	4,869	5,334	5,744	7.7	6,137	6,722	7,361	8,169	8,914	9,539	16	17
District of Columbia	5,046	5,345	5,821	6,494	6,953	7,456	7.2	7,401	7,977	8,878	10,201	11,021	11,809	2	2
Maryland	26,032	29,176	32,238	36,205	39,882	42,715	7.1	6,206	6,928	7,633	8,568	9,355	10,015	13	9
New Jersey	50,466	55,758	61,216	68,176	75,536	81,850	8.4	6,874	7,579	8,303	9,242	10,202	11,004	4	4
New York	113,288	124,182	135,603	150,086	166,324	180,423	8.5	6,346	7,008	7,690	8,540	9,449	10,217	11	7
Pennsylvania	70,786	77,386	85,942	94,698	103,719	110,512	6.5	5,958	6,522	7,238	7,971	8,737	9,314	20	21
Great Lakes	**258,866**	**287,467**	**318,672**	**342,588**	**370,790**	**389,647**	**5.1**	**6,260**	**6,925**	**7,658**	**8,215**	**8,901**	**9,370**		
Illinois	77,467	85,338	94,316	100,385	110,938	117,402	5.8	6,792	7,463	8,257	8,781	9,679	10,255	5	6
Indiana	31,507	35,181	39,052	41,381	44,608	46,897	5.1	5,829	6,459	7,133	7,539	8,158	8,572	24	35
Michigan	58,058	64,965	71,681	77,474	82,803	85,137	2.8	6,340	7,060	7,750	8,371	8,996	9,347	12	19
Ohio	65,120	72,223	79,654	86,522	93,167	98,361	5.6	6,046	6,690	7,376	8,011	8,642	9,115	17	26
Wisconsin	26,715	29,761	33,969	36,826	39,274	41,850	6.6	5,791	6,426	7,280	7,788	8,283	8,782	26	31
Plains	**99,063**	**111,808**	**124,928**	**133,267**	**148,909**	**156,190**	**4.9**	**5,845**	**6,566**	**7,307**	**7,747**	**8,639**	**9,006**		
Iowa	17,273	20,071	21,770	22,771	25,441	25,710	1.1	5,927	6,876	7,464	7,818	8,776	8,850	21	29
Kansas	14,239	16,052	18,588	19,832	21,641	23,403	8.1	6,143	6,881	7,919	8,377	9,083	9,720	15	15
Minnesota	24,022	26,754	29,835	32,979	36,459	38,013	4.3	6,036	6,681	7,388	8,078	8,905	9,198	18	24
Missouri	27,470	30,412	33,977	36,378	40,314	42,743	6.0	5,670	6,243	6,949	7,388	8,159	8,634	30	33
Nebraska	8,944	10,165	11,535	11,902	13,962	14,163	1.4	5,754	6,513	7,374	7,573	8,855	8,932	28	28
North Dakota	3,487	4,239	4,607	4,688	5,739	6,303	9.8	5,371	6,515	7,065	7,168	8,715	9,407	34	18
South Dakota	3,629	4,114	4,615	4,717	5,353	5,856	9.4	5,267	5,969	6,698	6,839	7,808	8,480	37	36
Southeast	**259,083**	**292,475**	**327,997**	**364,998**	**409,456**	**440,059**	**7.5**	**5,150**	**5,722**	**6,310**	**6,903**	**7,641**	**8,122**		
Alabama	18,126	20,440	22,544	24,662	26,969	28,609	6.1	4,792	5,331	5,826	6,332	6,884	7,256	48	48
Arkansas	10,500	11,994	13,361	14,083	15,951	16,527	3.6	4,757	5,352	5,888	6,127	6,948	7,212	49	49
Florida	50,331	57,879	66,748	77,017	88,265	97,180	10.1	5,662	6,338	7,048	7,800	8,668	9,330	31	20
Georgia	26,617	30,139	33,499	37,162	41,762	45,129	8.1	5,107	5,701	6,214	6,779	7,493	8,003	40	40
Kentucky	17,810	19,779	22,234	23,667	26,161	27,754	6.1	4,982	5,477	6,102	6,463	7,143	7,568	46	45
Louisiana	20,606	23,427	26,401	30,517	34,955	37,646	7.7	5,131	5,751	6,378	7,229	8,114	8,630	38	34
Mississippi	10,719	11,916	13,232	14,396	16,008	17,066	6.6	4,358	4,789	5,276	5,707	6,324	6,690	51	51
North Carolina	28,268	31,977	35,281	38,883	43,599	46,226	6.0	4,987	5,572	6,081	6,604	7,323	7,681	44	43
South Carolina	14,114	15,776	17,498	19,320	21,522	23,044	7.1	4,722	5,188	5,668	6,178	6,796	7,195	50	50
Tennessee	21,988	24,754	27,743	30,227	33,438	35,545	6.3	4,995	5,548	6,120	6,578	7,250	7,643	43	44
Virginia	30,370	33,822	37,719	42,226	47,019	50,632	7.7	5,834	6,401	7,084	7,876	8,660	9,221	22	23
West Virginia	9,634	10,573	11,740	12,838	13,808	14,701	6.5	5,056	5,506	6,054	6,582	7,074	7,548	41	46
Southwest	**110,926**	**128,108**	**147,840**	**168,283**	**194,132**	**212,397**	**9.4**	**5,628**	**6,348**	**7,116**	**7,866**	**8,829**	**9,366**		
Arizona	13,086	15,320	18,153	20,658	23,426	25,233	7.7	5,391	6,085	6,880	7,565	8,383	8,821	33	30
New Mexico	6,162	7,080	8,016	8,908	9,715	10,638	9.5	5,029	5,656	6,260	6,825	7,317	7,826	42	42
Oklahoma	15,575	17,819	20,684	23,422	26,772	28,919	8.0	5,435	6,117	6,964	7,711	8,635	9,103	32	27
Texas	76,103	87,889	100,987	115,295	134,219	147,608	10.0	5,769	6,511	7,272	8,051	9,090	9,660	27	16
Rocky Mountain	**34,108**	**39,617**	**44,881**	**50,506**	**57,173**	**61,238**	**7.1**	**5,611**	**6,332**	**6,970**	**7,669**	**8,499**	**8,919**		
Colorado	16,145	18,683	21,535	24,298	27,859	30,070	7.9	5,988	6,753	7,558	8,370	9,395	9,877	19	14
Idaho	4,683	5,405	5,939	6,636	7,366	7,733	5.0	5,301	5,934	6,368	7,005	7,678	8,011	35	39
Montana	4,076	4,805	5,161	5,687	6,372	6,754	6.0	5,284	6,129	6,540	7,215	8,040	8,432	36	37
Utah	6,559	7,549	8,536	9,595	10,758	11,629	8.1	4,982	5,534	6,028	6,518	7,087	7,486	45	47
Wyoming	2,645	3,174	3,710	4,290	4,817	5,052	4.9	6,428	7,367	8,211	9,040	9,793	10,070	10	8
Far West	**192,595**	**219,812**	**250,100**	**281,591**	**313,788**	**335,631**	**7.0**	**6,587**	**7,338**	**8,170**	**8,978**	**9,834**	**10,328**		
California	149,632	169,842	193,140	217,657	243,305	261,563	7.5	6,695	7,437	8,305	9,157	10,056	10,580	6	5
Nevada	4,483	5,369	6,274	7,207	8,215	8,766	6.7	6,611	7,464	8,199	8,932	9,722	9,952	7	12
Oregon	14,224	16,441	18,558	20,409	21,892	22,931	4.7	5,821	6,551	7,198	7,738	8,259	8,658	23	32
Washington	24,256	28,159	32,130	36,318	40,376	42,371	4.9	6,430	7,246	8,007	8,756	9,574	9,981	9	10
Alaska	3,538	3,635	3,686	4,185	4,655	5,551	19.2	8,904	9,039	9,136	10,393	11,307	12,680	1	1
Hawaii	5,961	6,638	7,402	8,385	9,148	9,894	8.2	6,509	7,146	7,791	8,658	9,328	9,956	8	11
	Census regions														
New England	75,811	83,795	93,111	103,827	115,078	124,440	8.1	6,185	6,811	7,542	8,395	9,248	9,961		
Middle Atlantic	234,541	257,325	282,760	312,959	345,579	372,784	7.9	6,326	6,966	7,667	8,497	9,371	10,085		
East North Central	258,866	287,467	318,672	342,588	370,790	389,647	5.1	6,260	6,925	7,658	8,215	8,901	9,370		
West North Central	99,063	111,808	124,928	133,267	148,909	156,190	4.9	5,845	6,566	7,307	7,747	8,639	9,006		
South Atlantic	194,062	218,707	244,950	275,013	308,144	332,827	8.0	5,491	6,095	6,712	7,404	8,163	8,710		
East South Central	68,643	76,888	85,752	92,952	102,575	108,974	6.2	4,827	5,341	5,892	6,334	6,967	7,357		
West South Central	122,784	141,129	161,432	183,317	211,897	230,700	8.9	5,511	6,210	6,939	7,677	8,659	9,187		
Mountain	57,840	67,387	77,325	87,279	98,529	105,874	7.5	5,556	6,271	6,952	7,637	8,425	8,848		
Pacific	197,610	224,716	254,915	286,955	319,376	342,310	7.2	6,615	7,352	8,170	8,988	9,840	10,358		

r Revised.
p Preliminary.

By REGIONAL ECONOMIC MEASUREMENT DIVISION

County and Metropolitan Area Personal Income, 1979-81

The State and local area estimates of personal income released each April are consistent with each other. The State estimates in the April issues of the SURVEY OF CURRENT BUSINESS *include preliminary annual and quarterly estimates for the most recent year and revised annual and quarterly estimates for previous years. The State estimates supersede those published in the* SURVEY usually in the issue of the previous August.

The local area estimates are routinely revised in at least each of the 2 years following their initial release. These revisions incorporate more complete information for local areas as well as revised State and national totals.

Comprehensive revisions are initiated periodically—approximately every 5 years—at the national level and extended, where appropriate, to the State and local area levels. At the local area level they include changes made possible by the availability of more current subnational data as well as changes based on definitional, classificational, and statistical changes at the national level.

SUMMARY estimates of total and per capita personal income for 1979-81 for the 305 Standard Metropolitan Statistical Areas (SMSA's) are shown in table 1; table 2 contains the same data for the 3,140 counties and countly equivalents. The 1981 estimates are presented for the first time. The 1979 and 1980 estimates reflect routine annual revisions and supersede those presented in the April 1982 SURVEY OF CURRENT BUSINESS. The 1977 and 1978 estimates, which are not presented here, have also been routinely revised. Estimates of personal income by type, including earnings by major industrial source, for 1976-81 for SMSA's and counties (as shown in table A) will be published in the nine-volume set *Local Area Personal Income, 1976-81,* scheduled for release by July 1983 (see notice on page S-36). Volume 1 of that set will include a detailed description of the sources and methods used to derive the estimates.

Estimates for the years 1959, 1962, and 1965-68 that incorporate the 1980 national comprehensive revisions are also available for the first time. Previously, SMSA and county estimates that incorporated the national comprehensive revisions were available only back to 1969. (Discussions of the SMSA and county comprehensive revisions appear in the April 1982 SURVEY and in *Local Area Personal Income, 1975-80.*) The revised personal income estimates for 1959, 1962, and 1965-68 will not be published but can be purchased, in summary or detailed form, through the Regional Economic Information System.

Definition of total and per capita personal income

The personal income of an area is the income received by, or on behalf of, the residents of the area. It is the income received by persons from all sources, that is, from participation in production, from transfer payments from government and business, and from government interest, which is treated like a transfer payment. Persons consist of individuals, nonprofit institutions, private noninsured welfare funds, and private trust funds. Proprietors' income is treated in its entirety as received by individuals. Life insurance carriers and private noninsured pension funds are not counted as persons, but their saving is credited to persons. Personal income is the sum of wage and salary disbursements, other labor income, proprietors' income with inventory valuation and capital consumption adjustments, rental income of persons with capital consumption adjustment, personal dividend income, personal interest income, and transfer payments, less personal contributions for social insurance.

The definitions underlying the local area estimates are, for the most part,

Acknowledgments

The personal income estimates were prepared under the direction of Edwin J. Coleman, Chief, and Linnea Hazen, Assistant Chief, Regional Economic Measurement Division. Tables were prepared by Eunice P. James, and secretarial support was provided by Valeria A. Hamilton, Regional Economic Information System Branch.

Estimates of civilian nonfarm wages and salaries and other labor income were prepared under the supervision of Elizabeth H. Queen, Chief, and Carol E. Evans, Assistant Chief, Regional Wage Branch. Major responsibilities were assumed by: Sharon C. Carnevale, Michael G. Pilot, Chen T. Pomsouvan, William E. Reid, Jr., Victor Sahadachny, James M. Scott, and Philip F. Simon.

Estimates of farm income were prepared under the supervision of Kenneth P. Berkman; major responsibilities were assumed by James M. Zavrel. Estimates of nonfarm proprietors' income and property income were prepared under the supervision of Linnea Hazen. Major responsibilities were assumed by Arthur L. Sensenig, Gary V. Kennedy, and Charles E. Jolley.

Estimates of Federal military income, transfer payments, and personal contributions for social insurance were prepared under the supervision of Robert L. Brown, Acting Chief, Quarterly Income Branch. Major responsibilities were assumed by John M. Reed and Isabelle B. Whiston.

Residence adjustments, disclosure avoidance, and final preparation of the local area personal income accounts were performed under the supervision of David W. Cartwright, Chief and Vivian G. Conklin, Assistant Chief, Regional Economic Information System Branch. Major responsibilities were assumed by Wallace K. Bailey and Paul M. Levit.

the same as those underlying the personal income estimates in the national income and product accounts. The major difference is the treatment of U.S. citizens temporarily working on assignment abroad. The national estimates include Federal civilian and military personnel stationed abroad and U.S. residents employed by private U.S. firms on temporary foreign assignment. The local area estimates include only persons residing in the 50 States and the District of Columbia. Another difference between the national and local area estimates relates to the classification of personal income into farm and nonfarm categories. In the national estimates, farm income consists of farm earnings and agricultural net interest; in the local area estimates, it is limited to farm earnings.

Per capita income is computed by dividing the total personal income by midyear (July 1) population estimates. The college student population, however, is measured as of April 1.

The local area per capita personal income estimates should be used with caution for several reasons. In many instances, an unusually high (or low) per capita personal income is the temporary result of unusual conditions, such as a bumper crop, a major construction project (e.g., a defense facility, nuclear plant, or dam), or a catastrophe (e.g., a tornado or drought). In some cases, a high per capita personal income is not representative of the standard of living in an area. For example, a construction project may attract a large number of high-paid workers who are included in the population but who send a substantial portion of their wages to dependents living in other areas. Conversely, a county with a large institutional population (e.g., residents of a college, prison, or State mental hospital) may show an unusually low per capita personal income, which is not indicative of the economic well-being of the noninstitutional population. Moreover, population is measured at midyear whereas income is measured as a flow over the year. Therefore, a significant change in population during the year can cause a distortion in the per capita personal income estimates, particularly if the change occurs around midyear.

PERSONAL income by type of payment and earnings by major industry groups, as shown in table A, are available for SMSA's and for counties for 1959, 1962, and 1965–81. The local area table format has been revised to include estimates of nonfarm personal income, to provide a clearer distinction between income flows by place of residence and place of work, and to provide a more straightforward presentation of total and per capita income.

This information can be obtained for one or more counties or SMSA's from the Regional Economic Information System of the Regional Economic Measurement Division, Bureau of Economic Analysis. For computer printouts, there is a charge of $2 for each State, SMSA, or county table. However, charges will not exceed: $500 for a complete set of SMSA tables, and $1,500 for an entire set of State and county tables for the United States. The tables are also available (at lower cost) in microfiche and magnetic tape form. The minimum charge for each request is $5. Requests should be addressed to Regional Economic Information System, BE-55, Bureau of Economic Analysis, U.S. Department of Commerce, Washington, D.C. 20230.

Table A.—Example of Available Data for Local Areas—Personal Income by Major Sources, 1976–81

[Thousands of dollars]

New London County, Connecticut	1976 [2]	1977 [2]	1978 [2]	1979 [2]	1980 [2]	1981 [2]
Income by Place of Residence						
Total personal income	1,523,656	1,708,813	1,856,174	2,089,172	2,361,482	2,681,741
Nonfarm personal income [3]	1,513,140	1,698,350	1,842,988	2,076,949	2,346,761	2,666,072
Farm income	10,516	10,463	13,186	12,223	14,721	15,669
Population (thousands)	242.0	241.3	242.7	240.8	238.1	239.5
Per capita personal income (dollars)	6,297	7,083	7,647	8,676	9,917	11,199
Derivation of total personal income:						
Total earnings by place of work [4]	1,239,006	1,414,515	1,491,647	1,650,672	1,842,545	2,083,952
Less: Personal contributions for social insurance	60,216	68,168	72,666	84,514	94,558	115,523
Plus: Residence adjustment	−61,636	−84,107	−62,831	−40,429	−47,555	−69,931
Equals: Net earnings by place of residence	1,117,154	1,262,240	1,356,150	1,525,729	1,700,432	1,898,498
Plus: Dividends, interest, and rent [6]	203,636	229,749	267,314	311,172	370,660	450,390
Plus: Transfer payments	202,866	216,824	232,710	252,271	290,390	332,853
Earnings by Place of Work						
Components of earnings:						
Wages and salaries	1,069,576	1,217,054	1,277,342	1,415,324	1,578,429	1,795,255
Other labor income	102,800	123,585	126,921	138,708	162,817	182,369
Proprietors' income [7]	66,630	73,876	87,384	96,640	101,299	106,328
Farm	6,132	5,372	7,825	6,245	7,905	8,436
Nonfarm	60,498	68,504	79,559	90,395	93,394	97,892
Earnings by industry:						
Farm	10,516	10,463	13,186	12,223	14,721	15,669
Nonfarm	1,228,490	1,404,052	1,478,461	1,638,449	1,827,824	2,068,283
Private	936,375	1,064,700	1,105,913	1,245,870	1,407,004	1,608,684
Ag. serv., for., fish., and other [8]	2,407	3,267	3,614	4,026	4,179	3,612
Mining	802	955	986	1,145	1,132	1,087
Construction	41,135	40,893	43,997	73,255	80,180	120,742
Manufacturing	521,734	608,825	599,924	662,060	760,195	850,875
Nondurable goods	106,617	117,291	131,040	148,917	169,974	178,154
Durable goods	415,117	491,534	468,884	513,143	590,221	672,721
Transportation and public utilities	53,009	60,867	67,024	73,207	81,823	88,482
Wholesale trade	34,693	35,588	36,098	40,406	45,755	58,640
Retail trade	106,799	116,587	130,060	140,467	151,136	165,309
Finance, insurance, and real estate	23,242	26,407	31,319	35,283	38,219	40,248
Services	152,554	171,311	192,891	216,021	244,385	279,689
Government and Government enterprises	292,115	339,352	372,548	392,579	420,820	459,599
Federal, civilian	65,216	67,707	76,762	81,729	85,705	93,001
Federal, military [9]	111,375	148,433	161,942	166,043	179,187	198,209
State and local	115,524	123,212	133,844	144,807	155,928	168,389

2. Estimates based on 1972 SIC.
3. Total personal income less farm earnings (labor and proprietors' income) equals nonfarm personal income.
4. Consists of wage and salary disbursements, other labor income, and proprietors' income. Primary source for private nonfarm wages: ES-202 covered wages—Connecticut employment security division.
6. Includes the capital consumption adjustment for rental income of persons.
7. Includes the capital consumption adjustment for nonfarm proprietors.
8. Includes wages and salaries of U.S. residents working for international organizations in the U.S.
9. The estimates for Federal military earnings have been revised for the years 1977–81.
[D] Not shown to avoid disclosure of confidential information, data are included in totals.
[L] Less than $50,000. Data are included in totals.

Table 1.—Total Personal Income and Per Capita Personal Income by SMSA for Selected Years

Area title	Total personal income: Millions of dollars 1979	1980	1981	Percent change[1] 1980–81	Per capita personal income: Dollars 1979	1980	1981	Rank in United States 1981
United States[2]	**1,943,983**	**2,154,049**	**2,406,545**	**11.72**	**8,657**	**9,483**	**10,495**	
Sum of SMSA counties	**1,553,629**	**1,731,835**	**1,932,024**	**11.56**	**9,192**	**10,129**	**11,188**	
Sum of non-SMSA counties	**390,354**	**422,214**	**474,521**	**12.39**	**7,027**	**7,516**	**8,382**	
Abilene, TX	1,172	1,311	1,539	17.36	8,582	9,383	10,737	89
Akron, OH	5,665	6,141	6,702	9.14	8,579	9,293	10,235	128
Albany, GA	745	827	934	12.95	6,730	7,315	8,088	275
Albany-Schenectady-Troy, NY	6,750	7,461	8,222	10.21	8,438	9,377	10,338	116
Albuquerque, NM	3,524	3,930	4,369	11.15	7,918	8,596	9,478	198
Alexandria, LA	878	1,010	1,140	12.92	5,858	6,620	7,411	297
Allentown-Bethlehem-Easton, PA-NJ	5,624	6,269	6,878	9.71	8,884	9,821	10,767	85
Altoona, PA	950	1,024	1,115	8.90	6,887	7,495	8,243	268
Amarillo, TX	1,556	1,684	1,918	13.93	9,138	9,634	10,706	91
Anaheim-Santa Ana-Garden Grove, CA	20,054	22,923	25,850	12.77	10,599	11,808	13,027	13
Anchorage, AK	2,233	2,461	2,768	12.48	12,485	14,134	15,563	3
Anderson, IN	1,138	1,195	1,275	6.75	8,175	8,587	9,293	209
Anderson, SC	876	967	1,059	9.59	6,744	7,218	7,738	291
Ann Arbor, MI	2,549	2,792	3,031	8.56	9,698	10,532	11,462	50
Anniston, AL	737	837	921	10.03	6,314	7,163	7,614	295
Appleton-Oshkosh, WI	2,553	2,782	2,998	7.75	8,876	9,498	10,214	130
Asheville, NC	1,232	1,381	1,524	10.41	6,984	7,755	8,507	259
Athens, GA	825	907	1,023	12.81	6,579	6,940	7,847	286
Atlanta, GA	17,867	20,354	22,928	12.65	8,968	9,976	10,972	74
Atlantic City, NJ	1,673	2,010	2,396	19.20	8,666	10,324	12,272	26
Augusta, GA-SC	2,255	2,502	2,772	10.76	7,000	7,608	8,346	262
Austin, TX	4,272	4,955	5,798	17.03	8,145	9,139	10,442	110
Bakersfield, CA	3,266	3,691	4,069	10.24	8,306	9,084	9,742	174
Baltimore, MD	19,404	21,640	23,923	10.55	8,885	9,939	10,912	79
Bangor, ME	934	1,028	1,137	10.58	6,812	7,503	8,219	269
Baton Rouge, LA	3,943	4,701	5,257	11.83	8,189	9,445	10,323	120
Battle Creek, MI	1,590	1,695	1,833	8.11	8,473	9,064	9,853	161
Bay City, MI	999	1,076	1,190	10.60	8,255	9,007	10,048	142
Beaumont-Port Arthur-Orange, TX	3,381	3,781	4,330	14.51	9,114	10,038	11,294	59
Bellingham, WA	858	931	1,031	10.72	8,224	8,701	9,451	199
Benton Harbor, MI	1,379	1,458	1,594	9.33	7,942	8,536	9,501	192
Billings, MT	963	1,065	1,198	12.47	8,920	9,827	10,946	77
Biloxi-Gulfport, MS	1,173	1,349	1,536	13.86	6,175	7,013	7,885	283
Binghamton, NY-PA	2,359	2,577	2,872	11.46	7,742	8,550	9,526	190
Birmingham, AL	6,894	7,555	8,179	8.26	8,152	8,910	9,714	176
Bismarck, ND	700	766	866	13.00	8,968	9,485	10,580	100
Bloomington, IN	602	666	751	12.77	6,194	6,762	7,541	296
Bloomington-Normal, IL	1,046	1,086	1,266	16.55	8,848	9,084	10,604	97
Boise City, ID	1,504	1,670	1,867	11.76	8,913	9,582	10,402	112
Boston-Lowell-Brockton-Lawrence-Haverhill, MA	34,958	39,408	44,027	11.72	9,524	10,752	11,930	39
Bradenton, FL	1,176	1,363	1,578	15.74	8,189	9,112	10,052	141
Bremerton, WA	1,325	1,502	1,679	11.79	9,414	10,149	10,880	80
Bridgeport-Stamford-Norwalk-Danbury, CT	9,950	11,298	12,770	13.03	12,397	13,965	15,697	2
Brownsville-Harlingen-San Benito, TX	1,021	1,163	1,341	15.27	4,966	5,512	6,172	303
Bryan-College Station, TX	542	649	790	21.75	5,981	6,862	8,013	277
Buffalo, NY	10,878	11,725	12,827	9.40	8,609	9,454	10,376	114
Burlington, NC	734	802	903	12.61	7,414	8,093	9,084	221
Burlington, VT	889	998	1,143	14.55	7,850	8,612	9,704	178
Canton, OH	3,443	3,723	4,114	10.51	8,545	9,202	10,168	133
Casper, WY	870	1,006	1,137	12.99	12,732	13,882	14,979	4
Cedar Rapids, IA	1,657	1,807	1,950	7.95	9,871	10,620	11,484	49
Champaign-Urbana-Rantoul, IL	1,318	1,384	1,579	14.08	7,841	8,232	9,235	211
Charleston-N. Charleston, SC	2,828	3,186	3,614	13.41	6,652	7,381	8,288	266
Charleston, WV	2,395	2,590	2,804	8.27	8,951	9,603	10,412	111
Charlotte-Gastonia, NC	5,419	6,023	6,753	12.12	8,688	9,411	10,379	113
Charlottesville, VA	851	974	1,086	11.58	7,555	8,537	9,485	195
Chattanooga, TN-GA	3,178	3,424	3,761	9.87	7,501	8,019	8,625	251
Chicago, IL	74,742	80,842	88,880	9.94	10,520	11,370	12,510	20
Chico, CA	1,083	1,240	1,382	11.45	7,821	8,527	9,342	207
Cincinnati, OH-KY-IN	12,628	13,852	15,098	8.99	9,022	9,882	10,809	83
Clarksville-Hopkinsville, TN-KY	981	1,020	1,144	12.16	6,527	6,788	7,716	293
Cleveland, OH	19,692	21,338	23,301	9.20	10,301	11,262	12,534	19
Colorado Springs, CO	2,387	2,704	3,119	15.34	7,528	8,507	9,866	160
Columbia, MO	732	812	894	10.09	7,491	8,049	8,750	246
Columbia, SC	3,029	3,372	3,732	10.66	7,475	8,238	8,995	231
Columbus, GA-AL	1,602	1,756	1,937	10.29	6,687	7,353	7,939	281
Columbus, OH	9,466	10,432	11,401	9.29	8,612	9,541	10,289	123
Corpus Christi, TX	2,548	2,878	3,359	16.71	7,942	8,783	10,078	139
Cumberland, MD-WV	705	782	851	8.78	6,534	7,243	7,857	284
Dallas-Fort Worth, TX	28,271	32,963	37,820	14.74	9,794	10,999	12,144	31
Danville, VA	718	783	897	14.54	6,395	6,997	7,992	279
Davenport-Rock Island-Moline, IA-IL	3,674	3,958	4,411	11.44	9,568	10,298	11,385	52
Dayton, OH	7,460	7,992	8,772	9.75	8,997	9,619	10,601	98
Daytona Beach, FL	1,822	2,124	2,448	15.24	7,277	8,139	9,057	224
Decatur, IL	1,177	1,251	1,399	11.80	8,891	9,522	10,554	101
Denver-Boulder, CO	16,121	18,326	21,112	15.20	10,066	11,263	12,605	17
Des Moines, IA	3,421	3,722	4,070	9.34	10,162	11,002	12,136	32
Detroit, MI	45,707	48,338	51,399	6.33	10,491	11,120	11,941	38
Dubuque, IA	829	885	945	6.74	8,877	9,441	10,163	134
Duluth-Superior, MN-WI	2,160	2,315	2,543	9.87	8,126	8,678	9,615	186
Eau Claire, WI	924	1,025	1,132	10.53	7,143	7,817	8,615	252
El Paso, TX	2,863	3,197	3,659	14.42	6,061	6,631	7,360	299
Elkhart, IN	1,217	1,233	1,336	8.37	8,901	8,971	9,787	168
Elmira, NY	741	822	907	10.38	7,463	8,411	9,342	208
Enid, OK	558	647	758	17.29	8,965	10,287	12,049	34
Erie, PA	2,267	2,440	2,662	9.10	8,131	8,705	9,485	196
Eugene-Springfield, OR	2,161	2,320	2,489	7.30	8,069	8,404	9,026	228
Evansville, IN-KY	2,670	2,886	3,197	10.78	8,729	9,313	10,319	121
Fargo-Moorhead, ND-MN	1,216	1,229	1,386	12.76	8,872	8,918	9,936	154
Fayetteville, NC	1,497	1,668	1,859	11.44	6,129	6,752	7,404	298
Fayetteville-Springdale, AR	1,192	1,316	1,497	13.75	6,820	7,330	8,207	270
Flint, MI	4,949	5,188	5,735	10.55	9,473	9,954	11,061	68
Florence, AL	959	1,061	1,175	10.83	7,124	7,835	8,609	253
Florence, SC	676	749	850	13.56	6,200	6,780	7,669	294
Fort Collins, CO	1,108	1,277	1,441	12.81	7,620	8,478	9,387	204
Fort Lauderdale-Hollywood, FL	9,565	11,266	13,028	15.64	9,696	11,020	12,330	25
Fort Myers-Cape Coral, FL	1,634	1,922	2,243	16.66	8,482	9,252	10,000	147
Fort Smith, AR-OK	1,306	1,430	1,627	13.79	6,473	6,996	7,917	282
Fort Walton Beach, FL	731	822	953	15.84	6,564	7,486	8,636	250
Fort Wayne, IN	3,450	3,551	3,872	9.03	9,019	9,277	10,156	136
Fresno, CA	4,520	5,033	5,380	6.89	8,926	9,735	10,243	127
Gadsden, AL	696	765	844	10.39	6,757	7,412	8,174	271
Gainesville, FL	942	1,073	1,215	13.20	6,449	7,056	7,737	292
Galveston-Texas City, TX	1,810	2,055	2,362	14.93	9,292	10,465	11,592	43
Gary-Hammond-East Chicago, IN	6,020	6,184	6,632	7.25	9,308	9,636	10,328	117
Glen Falls, NY	763	828	922	11.35	6,907	7,540	8,337	263
Grand Forks, ND-MN	723	808	940	16.26	7,134	8,008	9,343	206
Grand Rapids, MI	5,307	5,694	6,297	10.60	8,956	9,431	10,342	115
Great Falls, MT	674	716	780	9.00	7,977	8,951	9,779	169
Greeley, CO	974	1,082	1,147	6.07	8,100	8,687	9,189	214
Green Bay, WI	1,478	1,631	1,787	9.59	8,536	9,263	10,048	143
Greensboro-Winston-Salem-High Point, NC	6,855	7,582	8,484	11.90	8,377	9,140	10,111	138
Greenville-Spartanburg, SC	4,146	4,641	5,136	10.68	7,387	8,134	8,921	237
Hagerstown, MD	878	934	1,024	9.61	7,734	8,243	9,074	222
Hamilton-Middletown, OH	2,115	2,316	2,564	10.69	8,245	8,912	9,678	182
Harrisburg, PA	3,948	4,383	4,861	10.91	8,937	9,783	10,734	90
Hartford-New Britain-Bristol, CT	10,451	11,869	13,206	11.27	9,970	11,263	12,472	22
Hickory, NC	977	1,058	1,183	11.73	7,635	8,098	9,020	229
Honolulu, HI	7,184	8,107	8,877	9.50	9,535	10,601	11,553	48
Houston, TX	29,375	34,614	40,912	18.20	10,480	11,798	13,303	10
Huntington-Ashland, WV-KY-OH	2,327	2,510	2,712	8.03	7,501	8,056	8,715	247
Huntsville, AL	2,273	2,531	2,828	11.75	7,454	8,188	9,159	216
Indianapolis, IN	10,820	11,720	12,894	10.02	9,309	10,045	11,052	69
Iowa City, IA	663	720	806	12.02	8,146	8,775	9,689	181
Jackson, MI	1,265	1,336	1,459	9.24	8,332	8,830	9,758	172
Jackson, MS	2,628	2,921	3,240	10.92	8,314	9,083	10,047	144
Jacksonville, FL	5,690	6,427	7,204	12.09	7,884	8,705	9,396	203
Jacksonville, NC	611	670	805	20.13	5,401	5,989	7,089	301
Janesville-Beloit, WI	1,204	1,266	1,404	10.89	8,613	9,048	10,026	145
Jersey City, NJ	5,007	5,559	6,132	10.30	8,961	9,935	11,034	71
Johnson City-Kingsport-Bristol, TN-VA	2,829	3,100	3,494	12.71	6,602	7,138	7,981	280
Johnstown, PA	2,019	2,124	2,283	7.49	7,553	8,041	8,689	248
Joplin, MO	831	909	1,029	13.28	6,557	7,105	8,008	278
Kalamazoo-Portage, MI	2,396	2,621	2,885	10.10	8,674	9,375	10,284	124
Kankakee, IL	875	933	1,009	8.11	8,394	9,057	9,743	173
Kansas City, MO-KS	12,821	13,882	15,172	9.29	9,695	10,449	11,378	53
Kenosha, WI	1,151	1,250	1,267	1.37	9,351	10,128	10,003	146
Killeen-Temple, TX	1,409	1,572	1,767	12.40	6,404	7,377	8,134	273
Knoxville, TN	3,583	4,010	4,444	10.83	7,633	8,401	9,228	212
Kokomo, IN	974	1,031	1,096	6.35	9,348	9,957	10,787	84
La Crosse, WI	734	828	911	10.02	7,976	9,054	9,930	156
Lafayette, LA	1,358	1,657	2,057	24.11	9,292	10,972	13,284	11
Lafayette-West Lafayette, IN	929	1,003	1,107	10.34	7,640	8,237	9,105	219
Lake Charles, LA	1,324	1,561	1,820	16.56	8,121	9,287	10,549	102
Lakeland-Winter Haven, FL	2,296	2,665	2,977	11.71	7,341	8,235	8,878	239
Lancaster, PA	3,087	3,393	3,768	11.05	8,590	9,324	10,324	119
Lansing-East Lansing, MI	4,046	4,368	4,853	11.09	8,697	9,314	10,294	122
Laredo, TX	465	541	634	17.18	4,798	5,417	6,148	304
Las Cruces, NM	551	619	686	10.81	5,878	6,394	7,237	300
Las Vegas, NV	4,138	4,807	5,505	14.52	9,376	10,298	11,228	61
Lawrence, KS	476	510	565	10.83	7,141	7,511	8,284	267

See footnotes at end of table.

Table 1.—Total Personal Income and Per Capita Personal Income by SMSA for Selected Years—Continued

Area title	Total personal income: Millions of dollars 1979	1980	1981	Percent change[1] 1980–81	Per capita personal income: Dollars 1979	1980	1981	Rank in United States 1981
Lawton, OK	721	787	889	12.93	6,272	7,050	7,857	285
Lewiston-Auburn, ME	694	771	833	8.04	6,968	7,722	8,324	264
Lexington-Fayette, KY	2,614	2,879	3,254	13.02	8,250	9,040	10,227	129
Lima, OH	1,852	1,981	2,066	4.28	8,478	9,060	9,417	202
Lincoln, NE	1,703	1,844	2,054	11.39	9,030	9,521	10,327	118
Little Rock-North Little Rock, AR	3,265	3,579	3,939	10.07	8,467	9,030	9,932	155
Long Branch-Asbury Park, NJ	4,930	5,527	6,217	12.49	9,863	10,956	12,199	29
Longview-Marshall, TX	1,190	1,376	1,601	16.38	8,044	8,993	10,206	131
Lorain-Elyria, OH	2,330	2,499	2,727	9.12	8,537	9,091	9,895	157
Los Angeles-Long Beach, CA	75,549	84,715	94,680	11.76	10,208	11,307	12,544	18
Louisville, KY-IN	7,767	8,340	9,181	10.09	8,533	9,222	10,192	132
Lubbock, TX	1,658	1,874	2,072	10.57	7,899	8,838	9,655	185
Lynchburg, VA	1,124	1,228	1,356	10.43	7,316	7,993	8,794	242
Macon, GA	1,813	2,021	2,272	12.39	7,154	7,936	8,816	240
Madison, WI	3,035	3,357	3,715	10.65	9,544	10,312	11,299	58
Manchester-Nashua, NH	2,362	2,683	3,007	12.10	8,584	9,668	10,766	86
Mansfield, OH	1,060	1,133	1,262	11.31	8,140	8,634	9,669	183
McAllen-Pharr-Edinburg, TX	1,202	1,391	1,648	18.48	4,364	4,873	5,606	305
Medford, OR	974	1,072	1,155	7.76	7,495	8,081	8,676	249
Melbourne-Titusville-Cocoa, FL	2,112	2,494	2,879	15.45	8,030	9,061	9,948	153
Memphis, TN-AR-MS	7,206	7,977	8,772	9.97	7,971	8,730	9,554	189
Miami, FL	14,424	16,642	18,841	13.21	9,103	9,754	11,047	70
Midland, TX	936	1,162	1,455	25.18	11,865	13,921	16,467	1
Milwaukee, WI	13,952	15,119	16,347	8.12	10,000	10,783	11,586	44
Minneapolis-St. Paul, MN-WI	21,266	23,822	26,337	10.56	10,199	11,241	12,334	24
Mobile, AL	3,066	3,441	3,872	12.52	6,994	7,757	8,609	254
Modesto, CA	2,215	2,492	2,767	11.07	8,489	9,285	10,055	140
Monroe, LA	917	1,021	1,147	12.35	6,692	7,305	8,120	274
Montgomery, AL	2,059	2,302	2,505	8.85	7,668	8,405	9,363	205
Muncie, IN	961	1,031	1,131	9.64	7,470	8,043	8,923	236
Muskegon-Norton Shores-Muskegon Heights, MI	1,367	1,466	1,591	8.58	7,584	8,169	8,885	238
Nashville-Davidson, TN	6,714	7,391	8,324	12.62	8,017	8,671	9,817	164
Nassau-Suffolk, NY	28,492	31,993	35,757	11.77	10,954	12,249	13,676	7
New Bedford-Fall River, MA	3,579	3,912	4,314	10.27	7,561	8,219	9,047	226
New Brunswick-Perth Amboy-Sayreville, NJ	5,955	6,664	7,474	12.15	10,016	11,158	12,465	23
New Haven-Waterbury-Meriden, CT	7,080	7,879	8,707	10.52	9,313	10,326	11,332	55
New London-Norwich, CT	2,089	2,361	2,682	13.56	8,676	9,917	11,199	62
New Orleans, LA	10,057	11,661	13,329	14.31	8,591	9,791	10,954	75
New York, NY-NJ	91,102	101,473	114,007	12.35	9,948	11,118	12,474	21
Newark, NJ	20,521	23,005	25,535	11.00	10,384	11,702	13,001	14
Newark, OH	939	1,019	1,122	10.04	7,831	8,402	8,986	232
Newburgh-Middleton, NY	2,057	2,263	2,512	11.00	7,914	8,682	9,517	191
Newport News-Hampton, VA	2,819	3,196	3,574	11.86	7,679	8,771	9,667	184
Norfolk-Virgina Beach-Portsmouth, VA-NC	6,184	6,993	7,936	13.49	7,696	8,654	9,699	180
Northeast Pennsylvania, PA	4,810	5,262	5,779	9.84	7,478	8,212	9,053	225
Ocala, FL	751	881	1,023	16.03	6,373	7,137	7,789	288
Odessa, TX	1,001	1,194	1,514	26.75	8,983	10,269	12,268	27
Oklahoma City, OK	7,480	8,762	10,177	16.15	9,172	10,462	11,873	40
Olympia, WA	1,123	1,264	1,414	11.92	9,425	10,078	10,923	78
Omaha, NE-IA	5,176	5,673	6,259	10.33	9,029	9,951	11,137	66
Orlando, FL	5,319	6,232	7,138	14.53	7,829	8,829	9,760	171
Owensboro, KY	697	747	841	12.53	8,150	8,682	9,713	177
Oxnard-Simi Valley-Ventura, CA	4,603	5,272	5,895	11.81	8,987	9,863	10,864	81
Panama City, FL	634	726	832	14.54	6,499	7,421	8,297	265
Parkersburg-Marietta, WV-OH	1,236	1,361	1,502	10.39	7,668	8,339	9,178	215
Pascagoula-Moss Point, MS	776	818	922	12.66	6,558	6,948	7,755	290
Paterson-Clifton-Passaic, NJ	4,107	4,571	5,068	10.89	9,129	10,205	11,330	56
Pensacola, FL	1,962	2,196	2,505	14.08	6,785	7,589	8,441	261
Peoria, IL	3,631	4,003	4,418	10.37	10,007	10,913	12,001	35
Petersburg-Colonial Heights-Hopewell, VA	968	1,085	1,200	10.67	7,400	8,403	9,191	213
Philadelphia, PA-NJ	43,143	47,833	52,926	10.65	9,138	10,132	11,158	64
Phoenix, AZ	12,731	14,597	16,593	13.67	8,738	9,627	10,610	94
Pine Bluff, AR	620	681	731	7.39	6,922	7,451	8,078	276
Pittsburgh, PA	21,008	23,121	25,459	10.12	9,251	10,218	11,304	57
Pittsfield, MA	1,180	1,295	1,436	10.84	8,111	8,929	9,981	149
Portland, ME	1,975	2,205	2,456	11.37	8,108	8,997	9,997	148
Portland, OR-WA	11,894	13,241	14,445	9.09	9,781	10,636	11,565	46
Portsmouth-Dover-Rochester, NH-ME	3,185	3,579	4,042	12.93	7,732	8,583	9,486	194
Poughkeepsie, NY	2,137	2,393	2,719	13.61	8,824	9,719	11,013	72
Providence-Warwick-Pawtucket, RI	7,257	7,992	8,839	10.61	8,298	9,217	10,150	137
Provo-Orem, UT	1,174	1,273	1,426	11.98	5,583	5,776	6,317	302
Pueblo, CO	974	1,046	1,163	11.20	7,736	8,290	9,292	210
Racine, WI	1,639	1,749	1,851	5.87	9,517	10,064	10,549	103
Raleigh-Durham, NC	4,437	4,965	5,557	11.92	8,520	9,313	10,277	125
Reading, PA	2,782	3,084	3,426	11.07	8,915	9,843	10,856	82
Redding, CA	889	987	1,061	7.49	7,924	8,414	8,765	245
Reno, NV	2,143	2,400	2,673	11.36	11,450	12,311	13,255	12
Richland-Kennewick-Pasco, WA	1,337	1,481	1,744	17.76	9,690	10,138	11,675	42
Richmond, VA	5,945	6,690	7,466	11.61	9,496	10,536	11,569	45
Riverside-San Bernardino-Ontario, CA	12,295	14,037	16,084	14.58	8,214	8,923	9,803	166
Roanoke, VA	1,815	2,028	2,237	10.28	8,032	9,024	9,871	159
Rochester, MN	885	992	1,102	11.10	9,652	10,776	11,976	37
Rochester, NY	8,947	10,050	11,187	11.31	9,176	10,323	11,420	51
Rockford, IL	2,623	2,786	3,047	9.38	9,473	9,937	10,740	88
Rock Hill, SC	740	822	939	14.22	7,106	7,651	8,592	255
Sacramento, CA	9,134	10,372	11,246	8.42	9,219	10,170	10,741	87
Saginaw, MI	2,064	2,179	2,368	8.68	9,101	9,561	10,485	107
St. Cloud, MN	1,089	1,197	1,346	12.37	6,752	7,314	8,140	272
St. Joseph, MO	767	826	924	11.96	7,502	8,113	9,093	220
St. Louis, MO-IL	21,955	23,927	26,509	10.79	9,313	10,155	11,181	63
Salem, OR	1,928	2,108	2,302	9.23	7,915	8,414	9,006	230
Salinas-Seaside-Monterey, CA	2,962	3,261	3,618	10.94	10,324	11,203	11,981	36
Salisbury-Concord, NC	1,308	1,452	1,620	11.57	7,184	7,813	8,573	256
Salt Lake City-Ogden, UT	6,962	7,818	8,802	12.57	7,655	8,295	9,062	223
San Angelo, TX	675	774	921	19.02	8,141	9,070	10,522	104
San Antonio, TX	7,921	9,119	10,423	14.30	7,484	8,485	9,427	201
San Diego, CA	16,379	18,582	21,043	13.24	8,962	9,922	10,951	76
San Francisco-Oakland, CA	37,491	42,224	47,403	12.27	11,620	12,969	14,416	5
San Jose, CA	13,790	15,932	17,881	12.23	10,847	12,265	13,529	8
Santa Barbara-Santa Maria-Lompoc, CA	2,920	3,281	3,705	12.93	9,883	10,977	12,218	28
Santa Cruz, CA	1,640	1,861	2,110	13.41	8,911	9,800	11,004	73
Santa Rosa, CA	2,542	2,879	3,261	13.25	8,708	9,528	10,610	95
Sarasota, FL	2,008	2,366	2,757	16.52	10,298	11,595	12,709	16
Savannah, GA	1,672	1,874	2,120	13.08	7,289	8,113	9,040	227
Seattle-Everrett, WA	16,691	19,025	21,237	11.63	10,707	11,787	12,841	15
Sharon, PA	993	1,101	1,226	11.43	7,768	8,559	9,609	187
Sheboygan, WI	909	975	1,061	8.87	9,024	9,626	10,484	108
Sherman-Denison, TX	702	790	891	12.72	8,025	8,739	9,558	188
Shreveport, LA	2,895	3,328	3,818	14.75	7,770	8,813	9,978	150
Sioux City, IA-NE	1,019	1,093	1,239	13.38	8,580	9,334	10,494	106
Sioux Falls, SD	980	1,047	1,171	11.83	9,174	9,521	10,614	92
South Bend, IN	2,384	2,511	2,724	8.49	8,494	8,954	9,807	165
Spokane, WA	2,735	3,051	3,397	11.34	8,166	8,915	9,835	162
Springfield, IL	1,757	1,862	2,101	12.82	9,375	9,902	11,156	65
Springfield, MO	1,524	1,697	1,890	11.34	7,416	8,143	8,971	233
Springfield, OH	1,420	1,512	1,620	7.10	7,692	8,224	8,807	241
Springfield-Chicopee-Holyoke, MA	4,672	5,166	5,662	9.60	8,020	8,873	9,704	179
State College, PA	716	807	888	10.04	6,366	7,133	7,765	289
Steubenville-Weirton, OH-WV	1,427	1,512	1,618	7.01	8,833	9,268	9,962	152
Stockton, CA	2,979	3,430	3,800	10.80	8,802	9,825	10,507	105
Syracuse, NY	5,171	5,669	6,282	10.81	8,021	8,817	9,768	170
Tacoma, WA	4,017	4,502	5,027	11.66	8,490	9,243	10,163	135
Tallahassee, FL	1,094	1,259	1,427	13.40	7,167	7,841	8,549	258
Tampa-St. Petersburg, FL	12,024	14,015	16,149	15.23	7,845	8,880	9,965	151
Terre Haute, IN	1,354	1,459	1,577	8.13	7,764	8,260	9,123	218
Texarkana, TX-Texarkana, AR	890	955	1,082	13.35	7,025	7,484	8,485	260
Toledo, OH-MI	6,952	7,544	8,225	9.02	8,798	9,518	10,458	109
Topeka, KS	1,663	1,801	1,991	10.55	9,070	9,687	10,597	99
Trenton, NJ	2,999	3,349	3,724	11.20	9,675	10,887	12,087	33
Tucson, AZ	4,023	4,624	5,322	15.09	7,687	8,675	9,818	163
Tulsa, OK	6,135	7,184	8,328	15.92	9,189	10,328	11,737	41
Tuscaloosa, AL	881	973	1,082	11.26	6,496	7,057	7,821	287
Tyler, TX	1,066	1,204	1,401	16.39	8,465	9,305	10,605	96
Utica-Rome, NY	2,365	2,595	2,862	10.29	7,306	8,107	8,961	234
Vallejo-Fairfield-Napa, CA	2,841	3,264	3,644	11.64	8,789	9,669	10,612	93
Victoria, TX	567	663	808	21.93	8,490	9,548	11,359	54
Vineland-Millville-Bridgeton, NJ	1,006	1,107	1,219	10.12	7,507	8,342	9,145	217
Visalia-Tulare-Porterville, CA	1,874	2,077	2,236	7.62	7,808	8,399	8,773	244
Waco, TX	1,281	1,446	1,641	13.52	7,569	8,444	9,494	193
Washington, DC-MD-VA	35,101	39,568	43,991	11.18	11,471	12,900	14,177	6
Waterloo-Cedar Falls, IA	1,283	1,407	1,545	9.86	9,420	10,177	11,113	67
Wausau, WI	848	911	979	7.40	7,665	8,141	8,780	243
West Palm Beach-Boca Raton, FL	5,829	6,938	8,082	16.50	10,580	11,947	13,337	9
Wheeling, WV-OH	1,500	1,600	1,741	8.78	8,042	8,629	9,447	200
Wichita, KS	4,031	4,557	5,090	11.69	9,897	11,037	12,176	30
Wichita Falls, TX	1,156	1,308	1,521	16.31	8,868	10,017	11,564	47
Williamsport, PA	887	954	1,046	9.71	7,416	8,045	8,949	235
Wilmington, DE-NJ-MD	4,884	5,419	5,960	9.99	9,268	10,331	11,271	60
Wilmington, NC	961	1,080	1,208	11.90	7,024	7,733	8,561	257
Worcester-Fitchburg-Leominster, MA	5,210	5,769	6,329	9.72	8,026	8,919	9,740	175
Yakima, WA	1,338	1,494	1,641	9.84	7,915	8,651	9,482	197
York, PA	3,094	3,420	3,780	10.51	8,192	8,930	9,790	167
Youngstown-Warren, OH	4,707	5,008	5,423	8.29	8,875	9,439	10,273	126
Yuba City, CA	838	934	1,018	8.99	8,331	9,122	9,886	158

1. Percent change was calculated from unrounded data.
2. The personal income level shown for the United States differs from that in the national income and product accounts, primarily because it omits income received by Federal Government employees overseas.

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years

Area title	Total personal income: Millions of dollars 1979	1980	1981	Percent change[1] 1980–81	Per capita personal income: Dollars 1979	1980	1981	Rank in State 1981
United States	**1,943,983**	**2,154,049**	**2,406,545**	**11.72**	**8,657**	**9,483**	**10,495**	
Sum of SMSA counties	**1,553,629**	**1,731,835**	**1,932,024**	**11.56**	**9,192**	**10,129**	**11,188**	
Sum of non-SMSA counties	**390,354**	**422,214**	**474,521**	**12.39**	**7,027**	**7,516**	**8,382**	
Alabama	**26,458**	**29,118**	**32,189**	**10.55**	**6,838**	**7,476**	**8,217**	
Sum of SMSA counties	**17,837**	**19,763**	**21,743**	**10.02**	**7,447**	**8,183**	**9,006**	
Sum of non-SMSA counties	**8,621**	**9,355**	**10,446**	**11.66**	**5,848**	**6,321**	**6,949**	
Autauga	209	229	231	.85	6,523	7,069	7,274	25
Baldwin	524	584	676	15.76	6,841	7,399	8,298	10
Barbour	143	150	174	16.13	5,849	6,053	7,255	27
Bibb	87	95	105	10.57	5,615	6,051	6,373	51
Blount	172	189	206	9.36	4,796	5,143	5,475	66
Bullock	72	66	75	12.85	6,645	6,282	7,096	33
Butler	116	133	151	13.55	5,449	6,103	6,653	45
Calhoun	737	837	921	10.03	6,314	7,163	7,614	16
Chambers	237	259	275	5.84	6,030	6,616	6,922	37
Cherokee	102	105	122	16.27	5,458	5,611	6,374	50
Chilton	170	186	211	13.24	5,581	6,060	6,657	44
Choctaw	92	101	112	10.47	5,443	6,030	6,611	47
Clarke	160	177	193	9.19	5,802	6,413	6,837	42
Clay	72	83	96	16.02	5,202	6,042	6,870	40
Cleburne	62	69	77	11.14	4,965	5,469	5,811	62
Coffee	259	262	299	14.12	6,832	6,773	7,593	17
Colbert	383	423	466	10.21	7,074	7,733	8,553	7
Conecuh	84	87	97	10.97	5,274	5,509	6,132	54
Coosa	60	66	72	9.03	5,173	5,823	6,102	55
Covington	222	242	270	11.80	5,973	6,553	7,332	24
Crenshaw	69	76	88	14.66	4,866	5,402	6,025	56
Cullman	370	404	452	11.85	6,020	6,549	7,120	30
Dale	258	297	339	13.96	5,554	6,203	6,995	34
Dallas	318	350	404	15.49	5,842	6,498	7,135	29
De Kalb	281	305	351	14.93	5,247	5,686	6,388	49
Elmore	275	312	333	6.75	6,388	7,154	7,648	15
Escambia	236	257	287	11.79	6,212	6,666	7,378	22
Etowah	696	765	844	10.39	6,757	7,412	8,174	11
Fayette	114	125	134	7.54	6,209	6,575	6,887	38
Franklin	168	188	211	12.07	5,832	6,638	7,368	23
Geneva	156	158	181	14.96	6,531	6,474	7,270	26
Greene	53	57	65	13.78	4,916	5,191	5,894	59
Hale	79	80	91	13.53	4,967	5,149	5,694	64
Henry	90	94	115	22.84	6,019	6,109	7,457	19
Houston	532	588	647	10.08	7,121	7,878	8,605	6
Jackson	333	356	400	12.12	6,449	6,933	7,698	14
Jefferson	5,757	6,310	6,824	8.14	8,570	9,400	10,303	1
Lamar	102	109	124	13.09	6,291	6,629	7,440	20
Lauderdale	576	638	710	11.23	7,158	7,904	8,646	5
Lawrence	152	169	185	9.94	5,034	5,591	5,941	58
Lee	438	497	548	10.30	5,770	6,489	7,098	32
Limestone	274	303	344	13.70	6,097	6,563	7,437	21
Lowndes	74	71	79	11.39	5,572	5,409	5,993	57
Macon	128	141	153	8.36	4,821	5,259	5,693	65
Madison	1,579	1,758	1,972	12.21	8,100	8,906	10,056	3
Marengo	137	146	164	12.87	5,432	5,832	6,734	43
Marion	167	179	201	12.51	5,613	5,941	6,641	46
Marshall	420	471	512	8.75	6,458	7,172	7,711	13
Mobile	2,542	2,857	3,196	11.86	7,027	7,834	8,678	4
Monroe	141	144	160	11.22	6,246	6,347	6,923	36
Montgomery	1,575	1,760	1,941	10.26	8,143	8,900	10,097	2
Morgan	618	677	747	10.41	6,824	7,496	8,323	8
Perry	71	66	79	20.03	4,760	4,390	5,249	67
Pickens	117	128	136	6.68	5,336	5,973	6,183	53
Pike	163	175	203	15.81	5,947	6,208	7,106	31
Randolph	103	114	132	16.54	5,194	5,653	6,467	48
Russell	273	299	335	12.16	5,709	6,322	7,140	28
St. Clair	232	253	271	7.17	5,727	6,109	6,349	52
Shelby	410	453	506	11.83	6,364	6,793	7,494	18
Sumter	91	93	102	10.34	5,421	5,497	5,894	60
Talladega	424	465	513	10.36	5,772	6,286	6,842	41
Tallapoosa	229	256	276	7.65	5,838	6,631	6,969	35
Tuscaloosa	881	973	1,082	11.26	6,496	7,057	7,821	12
Walker	495	539	578	7.14	7,171	7,866	8,321	9
Washington	94	106	105	−.76	5,590	6,339	5,808	63
Wilcox	73	76	87	14.06	5,066	5,136	5,852	61
Winston	132	138	151	9.22	5,937	6,303	6,883	39
Alaska	**4,577**	**5,082**	**5,661**	**11.39**	**11,344**	**12,618**	**13,749**	
Sum of SMSA counties	**2,233**	**2,461**	**2,768**	**12.48**	**12,485**	**14,134**	**15,563**	
Sum of non-SMSA counties	**2,345**	**2,621**	**2,893**	**10.37**	**10,437**	**11,464**	**12,369**	
CENSUS DIVISIONS:								
Aleutian Islands	73	80	93	16.47	9,325	9,587	11,193	16
Anchorage	2,233	2,461	2,768	12.48	12,485	14,134	15,563	3
Angoon	4	5	6	18.39	6,179	6,605	9,444	22
Barrow-North Slope	53	63	74	16.86	14,044	16,606	17,732	1
Bethel	59	68	75	10.89	6,041	6,939	7,749	27
Bristol Bay Borough	11	12	13	8.63	9,712	10,840	11,262	15
Bristol Bay	28	32	33	4.06	6,757	7,809	8,004	26
Cordova McCarthy	23	25	28	15.20	9,910	10,951	12,199	11
Fairbanks	675	716	771	7.60	12,292	13,284	14,079	5
Haines	15	17	20	17.52	8,919	10,261	10,572	19
Juneau	271	306	344	12.56	13,618	15,619	17,081	2
Kenai-Cook Inlet	199	228	260	13.80	9,585	9,955	10,729	18
Ketchikan	138	169	180	6.27	12,422	14,921	15,181	4
Kobuk	30	35	39	9.70	6,191	7,277	8,111	25
Kodiak	112	120	128	6.26	11,880	11,952	12,651	9
Kuskokwim	12	15	18	20.77	4,513	5,634	6,619	28
Matanuska-Susitna	164	191	225	17.95	10,114	10,415	12,068	13
Nome	47	53	59	10.73	7,081	8,104	9,066	23
Outer Ketchikan	15	16	16	2.78	10,976	11,889	12,101	12
Price of Wales	22	31	31	−.78	8,563	12,687	10,870	17
Seward	30	33	36	10.62	10,833	11,630	12,860	8
Sitka	88	94	100	5.81	11,524	12,047	12,435	10
Skagway-Yakutat	23	25	26	.88	8,285	9,186	9,725	21
Southeast Fairbanks	41	41	48	15.46	7,548	7,335	8,613	24
Upper Yukon	17	18	20	11.30	9,188	9,767	9,755	20
Valdez-Chitina-Whittier	62	77	85	11.16	9,724	12,747	12,965	7
Wade Hampton	17	20	24	16.18	3,628	4,364	5,114	29
Yukon-Koyukuk	54	67	73	9.84	8,749	10,821	11,528	14
Yukon-Koyukuk Division	62	64	69	8.84	11,787	12,211	13,511	6
Arizona	**21,120**	**24,057**	**27,286**	**13.42**	**8,004**	**8,810**	**9,765**	
Sum of SMSA counties	**16,754**	**19,221**	**21,914**	**14.01**	**8,461**	**9,379**	**10,406**	
Sum of non-SMSA counties	**4,367**	**4,836**	**5,372**	**11.07**	**6,632**	**7,098**	**7,802**	
Apache	262	275	291	5.60	5,019	5,298	5,496	14
Cochise	548	596	660	10.69	6,348	6,874	7,596	10
Coconino	469	520	569	9.58	6,399	6,918	7,538	11
Gila	279	297	347	16.81	7,644	8,021	9,283	4
Graham	107	132	143	8.44	5,049	5,739	6,185	13
Greenlee	97	99	110	11.40	7,936	8,804	9,952	2
Maricopa	12,731	14,597	16,593	13.67	8,738	9,627	10,610	1
Mohave	378	419	471	12.27	7,295	7,387	7,905	8
Navajo	393	431	459	6.56	5,921	6,341	6,645	12
Pima	4,023	4,624	5,322	15.09	7,687	8,675	9,818	3
Pinal	590	665	758	13.98	6,594	7,321	8,095	7
Santa Cruz	131	144	161	11.83	6,639	7,001	7,862	9
Yavapai	506	577	662	14.63	7,681	8,419	9,143	5
Yuma	608	679	739	8.82	7,275	7,429	8,572	6
Arkansas	**15,305**	**16,313**	**18,460**	**13.16**	**6,745**	**7,097**	**8,041**	
Sum of SMSA counties	**6,687**	**7,281**	**8,102**	**11.27**	**7,583**	**8,078**	**8,958**	
Sum of non-SMSA counties	**8,618**	**9,031**	**10,358**	**14.69**	**6,212**	**6,464**	**7,446**	
Arkansas	197	191	235	23.35	8,159	7,886	9,805	2
Ashley	165	171	202	18.07	6,174	6,447	7,389	28
Baxter	180	208	236	13.31	6,644	7,529	8,353	10
Benton	553	619	718	16.09	7,223	7,834	8,952	5
Boone	178	191	213	11.88	7,003	7,225	7,943	18
Bradley	85	88	98	11.40	6,032	6,394	7,221	37
Calhoun	31	33	40	19.30	5,155	5,426	6,520	59
Carroll	101	107	122	13.72	6,489	6,541	7,534	25
Chicot	90	82	105	28.88	5,006	4,578	6,128	66
Clark	140	152	166	9.04	5,918	6,490	7,116	43
Clay	130	126	151	19.72	6,128	6,101	7,335	31
Cleburne	96	106	121	14.51	5,753	6,202	7,066	46
Cleveland	41	45	49	8.85	5,289	5,680	6,307	63
Columbia	172	188	215	14.46	6,535	7,019	7,973	16
Conway	115	124	137	10.42	5,930	6,330	7,185	38
Craighead	435	453	509	12.48	6,867	7,137	8,021	14
Crawford	205	221	251	13.28	5,638	5,953	6,656	54
Crittenden	310	312	362	16.10	6,304	6,317	7,355	30
Cross	140	131	162	23.87	6,710	6,414	8,002	15
Dallas	62	67	73	9.03	5,874	6,341	7,005	48
Desha	116	114	135	19.15	5,834	5,751	6,853	50
Drew	101	102	117	13.95	5,550	5,692	6,443	61
Faulkner	277	304	338	10.94	6,136	6,518	7,267	35
Franklin	83	89	100	12.15	5,687	6,029	6,710	51
Fulton	45	49	53	8.77	4,569	4,846	5,194	72
Garland	509	565	633	12.15	7,268	8,029	8,948	6
Grant	81	89	98	9.78	6,303	6,800	7,513	26
Greene	186	195	224	14.93	5,960	6,332	7,284	33
Hempstead	145	150	167	11.85	6,264	6,277	7,128	42
Hot Spring	174	194	208	7.32	6,533	7,181	7,803	19
Howard	100	107	118	10.74	7,498	7,895	8,930	7
Independence	190	208	240	15.36	6,551	6,841	7,738	22
Izard	59	69	76	10.46	5,695	6,342	7,129	41
Jackson	138	135	160	18.42	6,305	6,243	7,469	27
Jefferson	620	681	731	7.39	6,922	7,451	8,078	12
Johnson	97	106	122	15.21	5,570	6,053	6,865	49
Lafayette	58	59	67	13.07	5,655	5,794	6,527	58
Lawrence	120	122	143	17.19	6,558	6,582	7,762	21
Lee	78	72	90	25.66	4,938	4,631	5,916	69
Lincoln	66	66	77	17.12	4,975	4,893	5,762	71
Little River	94	93	102	9.83	6,482	6,585	7,385	29
Logan	109	120	133	10.86	5,417	5,939	6,661	53
Lonoke	242	245	285	16.35	7,077	7,040	8,354	9
Madison	60	65	72	10.18	5,470	5,672	6,184	64
Marion	60	65	76	17.22	5,235	5,696	6,169	65
Miller	250	256	292	13.99	6,688	6,736	7,721	23
Mississippi	396	386	453	17.21	6,546	6,499	7,768	20
Monroe	86	81	99	22.47	6,033	5,755	7,180	39
Montgomery	38	42	48	13.72	5,046	5,325	6,014	67
Nevada	64	69	76	10.73	5,636	6,158	7,107	44
Newton	26	29	32	9.38	3,407	3,688	4,147	75
Ouachita	200	219	244	11.39	6,563	7,151	7,960	17
Perry	39	42	46	9.06	5,133	5,789	6,479	60
Phillips	194	184	218	18.42	5,449	5,303	6,418	62
Pike	58	61	68	10.87	5,614	5,821	6,570	57
Poinsett	183	177	214	21.04	6,660	6,539	8,153	11
Polk	93	102	114	10.80	5,423	6,027	6,633	55

See footnotes at end of table.

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years—Continued

Area title	Total personal income: Millions of dollars 1979	1980	1981	Percent change[1] 1980–81	Per capita personal income: Dollars 1979	1980	1981	Rank in State 1981
Pope	230	252	291	15.53	6,069	6,402	7,303	32
Prairie	69	59	80	36.06	6,873	5,811	8,059	13
Pulaski	2,948	3,228	3,551	10.01	8,830	9,414	10,368	1
Randolph	94	95	108	14.05	5,615	5,603	6,680	52
St. Francis	185	189	223	17.77	5,958	6,128	7,271	34
Saline	317	351	388	10.67	6,127	6,562	7,171	40
Scott	50	54	59	8.50	5,215	5,525	6,002	68
Searcy	36	39	43	9.74	4,073	4,423	4,965	74
Sebastian	751	823	928	12.70	7,956	8,629	9,626	3
Sevier	83	84	91	8.99	6,008	5,897	6,601	56
Sharp	79	91	103	13.10	5,531	6,151	7,084	45
Stone	39	42	46	9.26	4,389	4,650	5,126	73
Union	382	415	470	13.09	7,629	8,266	9,469	4
Van Buren	61	69	80	15.26	4,639	5,151	5,842	70
Washington	640	697	779	11.68	6,507	6,935	7,622	24
White	305	324	374	15.69	6,109	6,318	7,235	36
Woodruff	79	70	92	30.37	7,073	6,244	8,470	8
Yell	98	104	121	15.66	5,623	6,150	7,025	47
California	**229,272**	**258,990**	**289,584**	**11.81**	**9,859**	**10,895**	**11,968**	.....
Sum of SMSA counties	**219,863**	**248,489**	**278,135**	**11.93**	**9,953**	**11,014**	**12,120**	.....
Sum of non-SMSA counties	**9,409**	**10,501**	**11,449**	**9.03**	**8,076**	**8,686**	**9,182**	.....
Alameda	11,269	12,680	14,256	12.42	10,251	11,478	12,677	8
Alpine	7	8	9	11.37	6,111	6,888	7,126	58
Amador	161	179	193	7.72	8,633	9,157	9,483	32
Butte	1,083	1,240	1,382	11.45	7,821	8,527	9,342	36
Calaveras	140	165	184	11.09	7,094	7,863	8,336	53
Colusa	169	181	218	20.40	13,064	14,124	16,728	2
Contra Costa	7,118	8,090	9,103	12.52	11,073	12,236	13,611	5
Del Norte	142	155	168	8.30	7,934	8,484	8,907	43
El Dorado	669	750	834	11.21	8,298	8,571	9,145	41
Fresno	4,520	5,033	5,380	6.89	8,926	9,735	10,243	24
Glenn	207	224	252	12.31	9,875	10,408	11,664	13
Humboldt	880	970	1,054	8.68	8,168	8,981	9,603	29
Imperial	745	839	855	1.86	8,266	9,070	8,970	42
Inyo	147	167	186	11.36	8,292	9,261	10,555	21
Kern	3,266	3,691	4,069	10.24	8,306	9,084	9,742	28
Kings	550	610	661	8.43	7,474	8,276	8,770	46
Lake	254	291	336	15.69	7,316	7,871	8,583	50
Lassen	157	177	185	4.53	7,417	8,068	8,266	54
Los Angeles	75,549	84,715	94,680	11.76	10,208	11,307	12,544	9
Madera	497	557	586	5.33	8,259	8,684	8,745	48
Marin	3,089	3,475	3,920	12.83	13,858	15,604	17,428	1
Mariposa	86	100	110	10.66	8,083	8,820	9,481	33
Mendocino	533	574	627	9.11	8,205	8,546	9,250	38
Merced	1,131	1,252	1,337	6.76	8,582	9,255	9,585	30
Modoc	70	81	86	5.94	8,322	9,335	9,526	31
Mono	62	72	82	13.79	7,601	8,187	9,199	40
Monterey	2,962	3,261	3,618	10.94	10,324	11,203	11,981	11
Napa	931	1,035	1,166	12.59	9,424	10,406	11,778	12
Nevada	357	408	462	13.19	7,374	7,756	8,189	56
Orange	20,054	22,923	25,850	12.77	10,599	11,808	13,027	7
Placer	980	1,114	1,253	12.51	8,689	9,397	10,144	25
Plumas	128	138	152	9.71	7,664	7,873	8,568	51
Riverside	5,445	6,203	7,138	15.08	8,507	9,246	10,262	23
Sacramento	7,152	8,145	8,746	7.39	9,307	10,339	10,849	17
San Benito	191	217	236	8.88	7,854	8,604	9,213	39
San Bernardino	6,850	7,834	8,946	14.19	7,994	8,682	9,465	34
San Diego	16,379	18,582	21,043	13.24	8,962	9,922	10,951	15
San Francisco	8,301	9,371	10,557	12.66	12,282	13,806	15,533	4
San Joaquin	2,979	3,430	3,800	10.80	8,802	9,825	10,507	22
San Luis Obispo	1,204	1,368	1,526	11.52	7,980	8,739	9,387	35
San Mateo	7,714	8,608	9,567	11.13	13,173	14,628	16,206	3
Santa Barbara	2,920	3,281	3,705	12.93	9,883	10,977	12,218	10
Santa Clara	13,790	15,932	17,881	12.23	10,847	12,265	13,529	6
Santa Cruz	1,640	1,861	2,110	13.41	8,911	9,800	11,004	14
Shasta	889	987	1,061	7.49	7,924	8,414	8,765	47
Sierra	25	27	29	6.58	8,227	8,674	9,295	37
Siskiyou	310	335	360	7.36	7,999	8,380	8,662	49
Solano	1,910	2,229	2,478	11.20	8,509	9,361	10,140	26
Sonoma	2,542	2,879	3,261	13.25	8,708	9,528	10,610	20
Stanislaus	2,215	2,492	2,767	11.07	8,489	9,285	10,055	27
Sutter	473	526	578	9.73	9,148	10,025	10,797	18
Tehama	274	304	332	9.18	7,340	7,731	8,192	55
Trinity	74	81	89	10.40	6,419	6,775	7,194	57
Tulare	1,874	2,077	2,236	7.62	7,808	8,399	8,773	45
Tuolumne	238	271	303	11.58	7,243	7,899	8,549	52
Ventura	4,603	5,272	5,895	11.81	8,987	9,863	10,864	16
Yolo	1,002	1,114	1,246	11.88	9,148	9,805	10,633	19
Yuba	365	408	441	8.03	7,468	8,172	8,901	44
Colorado	**25,687**	**29,058**	**33,257**	**14.45**	**9,016**	**10,009**	**11,216**	.....
Sum of SMSA counties	**21,564**	**24,434**	**27,981**	**14.52**	**9,335**	**10,414**	**11,686**	.....
Sum of non-SMSA counties	**4,123**	**4,624**	**5,276**	**14.11**	**7,648**	**8,303**	**9,244**	.....
Adams	2,226	2,552	2,883	12.96	9,052	10,352	11,624	10
Alamosa	88	93	116	25.19	7,611	7,845	9,071	31
Arapahoe	2,968	3,446	4,075	18.23	10,662	11,566	13,052	4
Archuletta	26	27	32	18.26	7,317	7,251	7,323	49
Baca	45	48	48	−1.15	8,148	8,921	8,894	32
Bent	39	41	42	2.74	6,531	6,869	7,123	53
Boulder	1,697	1,932	2,227	15.26	9,067	10,153	11,448	12
Chaffee	102	116	130	11.76	7,824	8,747	9,592	24
Cheyenne	17	17	16	−4.96	8,007	8,031	7,154	51
Clear Creek	52	66	73	11.58	7,450	8,852	9,569	25
Conejos	31	33	36	9.61	3,968	4,215	4,782	63
Costilla	18	18	26	43.04	5,579	6,043	8,690	34
Crowley	22	24	22	−4.52	7,852	7,869	7,139	52
Custer	11	12	13	7.46	6,808	7,646	8,303	39
Delta	131	152	177	15.77	6,328	7,122	7,916	45
Denver	5,289	5,930	6,713	13.21	10,680	12,093	13,249	2
Dolores	10	12	14	20.38	6,528	7,103	7,909	46
Douglas	254	290	349	20.17	11,014	11,272	12,847	5
Eagle	126	148	170	15.06	9,502	11,102	12,548	7
Elbert	42	47	50	6.23	6,747	6,663	6,727	57
El Paso	2,335	2,644	3,051	15.38	7,549	8,538	9,905	20
Fremont	189	213	239	12.49	6,610	7,366	8,266	41
Garfield	191	229	303	32.29	8,726	10,055	12,209	9
Gilpin	12	15	20	29.42	5,428	6,220	8,064	44
Grand	58	69	80	15.75	7,988	9,101	10,472	17
Gunnison	59	69	78	12.60	5,966	6,364	7,091	54
Hinsdale	2	2	3	10.88	4,387	6,184	6,466	61
Huerfano	35	40	44	9.97	5,401	6,200	6,570	58
Jackson	14	16	16	1.43	7,986	8,471	8,346	38
Jefferson	3,675	4,160	4,845	16.48	9,945	11,132	12,622	6
Kiowa	16	18	14	−18.70	8,532	8,956	6,805	56
Kit Carson	67	68	65	−3.27	8,874	8,882	8,493	36
Lake	70	80	88	10.78	7,949	9,042	9,926	19
La Plata	182	204	234	14.47	6,671	7,435	8,266	40
Larimer	1,108	1,277	1,441	12.81	7,620	8,478	9,387	27
Las Animas	92	103	110	6.75	6,291	6,955	7,250	50
Lincoln	33	36	38	6.06	7,261	7,674	8,234	42
Logan	168	178	192	7.71	8,727	8,980	9,789	22
Mesa	603	705	851	20.81	7,840	8,512	9,821	21
Mineral	7	8	10	25.12	8,992	10,323	11,121	13
Moffat	115	128	133	4.04	9,369	9,484	9,488	26
Montezuma	104	116	139	19.76	6,390	6,953	8,105	43
Montrose	148	165	181	9.44	6,317	6,720	7,049	55
Morgan	185	202	215	6.39	8,446	8,902	9,649	23
Otero	171	175	196	11.62	7,581	7,796	8,832	33
Ouray	12	15	17	15.06	5,856	7,804	8,547	35
Park	26	32	38	16.82	5,656	5,870	6,526	60
Phillips	52	53	61	16.50	11,762	11,506	13,240	3
Pitkin	133	146	168	14.73	12,465	14,338	16,524	1
Prowers	86	95	101	6.11	6,414	7,327	7,820	47
Pueblo	974	1,046	1,163	11.20	7,736	8,290	9,292	28
Rio Blanco	55	66	80	20.51	9,293	10,409	10,853	15
Rio Grande	79	93	113	21.02	7,513	8,863	10,483	16
Routt	128	149	164	9.84	9,907	10,964	12,341	8
Saguache	20	22	27	22.73	5,139	5,618	6,557	59
San Juan	4	5	6	19.49	5,105	6,506	7,357	48
San Miguel	17	18	19	6.60	5,784	5,675	6,192	62
Sedgwick	32	32	35	9.04	9,257	9,922	10,940	14
Summit	74	89	107	19.70	8,590	9,976	11,518	11
Teller	53	60	68	13.40	6,705	7,321	8,389	37
Washington	44	48	45	−4.63	9,017	8,888	9,095	30
Weld	974	1,082	1,147	6.07	8,100	8,687	9,189	29
Yuma	91	83	100	21.73	9,489	8,467	10,465	18
Connecticut	**31,786**	**35,894**	**40,131**	**11.81**	**10,254**	**11,527**	**12,806**	.....
Sum of SMSA counties	**29,571**	**33,407**	**37,365**	**11.85**	**10,368**	**11,665**	**12,973**	.....
Sum of non-SMSA counties	**2,216**	**2,486**	**2,766**	**11.25**	**8,938**	**9,948**	**10,905**	.....
Fairfield	9,950	11,298	12,770	13.03	12,397	13,965	15,697	1
Hartford	8,290	9,421	10,485	11.30	10,292	11,642	12,902	2
Litchfield	1,514	1,707	1,891	10.76	9,726	10,845	11,789	3
Midlesex	1,217	1,373	1,525	11.08	9,480	10,600	11,590	4
New Haven	7,080	7,879	8,707	10.52	9,313	10,326	11,332	5
New London	2.089	2,361	2,682	13.56	8,676	9,917	11,199	6
Tolland	944	1,075	1,196	11.22	8,251	9,345	10,433	7
Windham	702	779	875	12.31	7,609	8,420	9,383	8
Delaware	**5,428**	**6,018**	**6,643**	**10.40**	**9,064**	**10,097**	**11,102**	.....
Sum of SMSA counties	**3,957**	**4,425**	**4,845**	**9.50**	**9,840**	**11,089**	**12,055**	.....
Sum of non-SMSA counties	**1,470**	**1,593**	**1,798**	**12.91**	**7,477**	**8,088**	**9,153**	.....
Kent	716	775	862	11.23	7,222	7,873	8,675	3
New Castle	3,957	4,425	4,845	9.50	9,840	11.089	12,055	1
Sussex	754	818	937	14.50	7,736	8,302	9,643	2
District of Columbia	**7,057**	**7,848**	**8,523**	**8.59**	**10,764**	**12,329**	**13,509**	.....
Florida	**77,673**	**90,269**	**103,502**	**14.66**	**8,202**	**9,142**	**10,165**	.....
Sum of SMSA counties	**70,012**	**81,413**	**93,278**	**14.57**	**8,407**	**9,373**	**10,431**	.....
Sum of non-SMSA counties	**7,661**	**8,856**	**10,225**	**15.46**	**6,704**	**7,453**	**8,245**	.....
Alachua	942	1,073	1,215	13.20	6,449	7,056	7,737	33
Baker	73	81	91	12.54	4,825	5,249	5,694	56
Bay	634	726	832	14.54	6,499	7,421	8,297	26
Bradford	87	98	113	14.58	4,503	4,882	5,486	59
Brevard	2,112	2,494	2,879	15.45	8,030	9,061	9,948	12
Broward	9,565	11,266	13,028	15.64	9,696	11,020	12,330	3
Calhoun	43	47	53	11.15	4,722	5,083	5,323	63
Charoltte	438	524	621	18.50	7,925	8,722	9,674	14
Citrus	288	353	427	20.84	5,586	6,368	7,230	38
Clay	442	507	588	16.01	6,864	7,480	8,106	29
Collier	800	934	1,099	17.62	9,773	10,711	12,058	4
Columbia	205	231	258	11.50	5,933	6,496	7,115	40
Dade	14,424	16,642	18,841	13.21	9,103	9,754	11,047	8
De Soto	117	130	141	8.24	6,311	6,791	6,814	43
Dixie	32	37	42	14.52	4,366	4,747	5,360	61

See footnotes at end of table.

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years—Continued

Area title	Total personal income: Millions of dollars 1979	1980	1981	Percent change 1980–81	Per capita personal income: Dollars 1979	1980	1981	Rank in State 1981
Duval	4,653	5,238	5,847	11.64	8,292	9,181	9,927	13
Escambia	1,615	1,802	2,055	14.01	6,913	7,728	8,555	24
Flagler	70	84	97	16.16	6,727	7,537	8,117	28
Franklin	32	37	42	14.77	4,278	4,792	5,228	64
Gadsden	184	206	236	14.56	4,491	4,947	5,595	57
Gilchrist	36	37	42	13.32	6,406	6,398	6,904	42
Glades	24	26	29	9.67	4,104	4,359	4,940	66
Gulf	69	69	76	11.39	6,524	6,444	6,973	41
Hamilton	48	52	58	11.65	5,470	5,949	6,406	50
Hardee	129	140	147	5.04	6,687	7,309	7,309	37
Hendry	149	165	185	12.05	8,328	8,790	9,463	15
Hernando	251	304	358	17.68	6,177	6,693	7,212	39
Highlands	315	362	409	13.03	6,874	7,544	8,129	27
Hillsborough	4,780	5,505	6,277	14.01	7,487	8,470	9,398	16
Holmes	68	73	80	9.55	4,476	4,960	5,551	58
Indian River	530	612	727	18.75	9,160	10,096	11,466	5
Jackson	206	223	251	12.29	5,214	5,731	6,371	51
Jefferson	55	61	65	7.39	5,255	5,682	6,147	52
Lafayette	18	19	22	19.84	4,444	4,600	5,392	60
Lake	783	899	1,018	13.16	7,718	8,524	9,176	17
Lee	1,634	1,922	2,243	16.66	8,482	9,252	10,000	11
Leon	1,046	1,203	1,367	13.58	7,354	8,049	8,783	22
Levy	101	112	123	9.82	5,245	5,595	5,883	54
Liberty	18	20	22	11.74	4,221	4,696	5,045	65
Madison	85	91	103	13.74	5,716	6,116	6,692	45
Manatee	1,176	1,363	1,578	15.74	8,189	9,112	10,052	10
Marion	751	881	1,023	16.03	6,373	7,137	7,789	32
Martin	532	649	761	17.24	8,708	10,012	11,224	6
Monroe	448	512	588	14.77	6,938	8,082	8,859	21
Nassau	178	202	224	11.33	5,472	6,127	6,456	47
Okaloosa	731	822	953	15.84	6,564	7,486	8,636	23
Okeechobee	107	126	143	13.23	5,362	6,191	6,655	46
Orange	3,949	4,578	5,211	13.83	8,542	9,660	10,742	9
Osceola	276	331	387	17.07	5,940	6,611	7,333	36
Palm Beach	5,829	6,938	8,082	16.50	10,580	11,947	13,337	1
Pasco	1,075	1,295	1,515	17.04	5,830	6,571	7,445	34
Pinellas	6,168	7,215	8,357	15.83	8,689	9,865	11,155	7
Polk	2,296	2,665	2,977	11.71	7,341	8,235	8,878	20
Putnam	263	299	354	18.38	5,328	5,893	6,755	44
St. Johns	345	401	454	13.29	7,085	7,731	8,328	25
St. Lucie	578	708	827	16.84	7,045	8,012	9,059	18
Santa Rosa	347	394	450	14.39	6,244	7,012	7,958	31
Sarasota	2,008	2,366	2,757	16.52	10,298	11,595	12,709	2
Seminole	1,094	1,324	1,540	16.33	6,410	7,275	7,959	30
Sumter	128	145	164	12.93	5,480	5,940	6,438	49
Suwannee	117	127	146	14.57	5,228	5,717	6,451	48
Taylor	97	110	129	17.35	5,780	6,686	7,348	35
Union	40	43	51	17.52	3,828	4,318	4,831	67
Volusia	1,822	2,124	2,448	15.24	7,277	8,139	9,057	19
Wakulla	48	55	60	9.35	4,617	5,015	5,332	62
Walton	97	110	129	17.28	4,742	5,127	5,734	55
Washington	72	79	90	13.25	4,974	5,461	5,905	53
Georgia	**39,732**	**44,087**	**49,803**	**12.96**	**7,370**	**8,042**	**8,935**	.....
Sum of SMSA counties	**26,346**	**29,731**	**33,390**	**12.31**	**8,168**	**9,035**	**9,949**	.....
Sum of non-SMSA counties	**13,386**	**14,356**	**16,412**	**14.33**	**6,181**	**6,551**	**7,402**	.....
Appling	87	91	113	24.05	5,737	5,862	7,345	63
Atkinson	31	30	39	30.23	5,094	4,923	6,307	117
Bacon	54	53	62	16.32	5,817	5,656	6,727	98
Baker	22	17	25	50.45	5,749	4,413	6,723	99
Baldwin	210	234	273	16.63	6,087	6,722	7,673	49
Banks	42	45	47	5.86	4,989	5,121	5,336	152
Barrow	137	155	175	12.78	6,585	7,231	7,830	39
Bartow	271	298	337	13.32	6,766	7,276	8,284	26
Ben Hill	96	100	117	16.33	6,176	6,235	7,154	72
Berrien	81	81	94	15.20	5,957	6,034	6,781	96
Bibb	1,156	1,304	1,459	11.88	7,652	8,644	9,642	6
Bleckley	64	64	73	14.09	5,863	5,988	6,821	93
Brantley	38	40	44	10.77	4,879	4,463	5,004	154
Brooks	81	76	97	28.11	5,391	4,915	6,375	113
Bryan	47	54	57	5.81	4,795	5,195	5,516	150
Bulloch	216	224	267	19.37	6,093	6,224	7,153	73
Burke	103	107	140	30.28	5,369	5,562	7,095	76
Butts	74	83	92	9.84	5,421	6,093	6,570	104
Calhoun	38	36	48	35.43	6,406	6,269	8,535	17
Camden	88	113	130	14.66	7,103	8,276	8,984	10
Candler	45	44	53	20.38	6,119	5,815	6,888	87
Carroll	353	391	440	12.40	6,310	6,932	7,724	46
Catoosa	194	203	224	10.34	5,444	5,434	5,863	139
Charlton	35	39	43	10.94	4,768	5,292	5,926	136
Chatham	1,517	1,703	1,921	12.80	7,520	8,417	9,334	8
Chattahoochee	143	160	164	2.68	6,506	7,404	6,819	94
Chattooga	125	132	138	4.50	5,683	6,055	6,237	121
Cherokee	268	305	342	12.09	5,448	5,820	6,307	118
Clarke	512	566	641	13.17	7,052	7,573	8,883	12
Clay	17	15	19	29.59	4,673	4,105	6,067	130
Clayton	1,231	1,408	1,593	13.15	8,289	9,318	10,461	3
Clinch	36	39	44	11.94	5,505	5,888	6,645	102
Cobb	2,401	2,768	3,184	15.03	8,360	9,216	10,057	4
Coffee	141	146	173	18.18	5,346	5,415	6,364	115
Colquitt	200	218	251	15.45	5,736	6,134	7,014	79
Columbia	225	260	289	10.98	5,812	6,385	6,930	85
Cook	74	73	85	15.74	5,548	5,428	6,267	119
Coweta	273	310	352	13.44	7,163	7,859	8,648	16
Crawford	29	33	37	9.71	3,918	4,316	4,607	157
Crisp	117	120	139	16.14	5,947	6,149	7,107	75
Dade	65	69	78	13.58	5,318	5,537	6,135	125
Dawson	31	33	37	12.91	6,523	6,851	6,971	84
Decatur	159	159	192	21.12	6,328	6,215	7,421	56
De Kalb	5,019	5,718	6,390	11.76	10,450	11,872	13,128	1
Dodge	92	98	115	17.90	5,501	5,775	6,827	91
Dooly	69	67	83	23.61	6,269	6,245	7,911	37
Dougherty	692	777	867	11.65	6,959	7,669	8,384	20
Douglas	359	405	463	14.30	6,723	7,368	8,121	31
Early	74	74	91	23.94	5,673	5,602	6,783	95
Echols	11	12	14	12.60	4,569	5,197	6,019	132
Effingham	109	118	142	20.41	6,046	6,408	7,727	45
Elbert	121	135	149	10.47	6,553	7,172	7,727	44
Emanuel	111	113	136	20.47	5,336	5,448	6,416	111
Evans	50	50	59	17.94	5,789	5,983	7,027	78
Fannin	73	83	88	5.58	4,905	5,658	5,980	133
Fayette	211	250	292	16.77	7,939	8,387	9,339	7
Floyd	586	642	704	9.61	7,365	8,063	8,700	15
Forsyth	159	181	211	17.06	5,984	6,371	7,227	68
Franklin	86	93	106	13.68	5,694	6,135	6,978	82
Fulton	5,945	6,692	7,435	11.12	10,072	11,302	12,357	2
Gilmer	66	70	82	17.42	5,984	6,259	7,410	59
Glascock	16	16	19	17.79	7,406	6,691	7,355	62
Glynn	433	489	543	11.06	7,938	8,858	9,644	5
Gordon	193	205	237	15.32	6,408	6,811	7,778	42
Grady	111	112	131	16.34	5,583	5,660	6,384	112
Greene	60	67	72	7.71	5,160	5,908	6,373	114
Gwinett	1,154	1,348	1,569	16.40	7,382	7,939	8,960	11
Habersham	144	159	175	10.41	5,779	6,356	6,731	97
Hall	554	621	704	13.30	7,461	8,178	9,087	9
Hancock	43	47	53	13.34	4,532	4,934	5,604	146
Haralson	120	132	146	10.69	6,681	7,173	7,713	47
Harris	82	89	97	9.16	5,407	5,701	6,251	120
Hart	106	114	128	12.21	5,789	6,143	6,824	92
Heard	41	45	51	13.94	6,522	6,855	7,791	41
Henry	237	274	309	13.08	6,877	7,425	8,244	28
Houston	539	588	665	13.15	7,042	7,548	8,488	19
Irwin	52	43	58	34.44	5,758	4,813	6,712	100
Jackson	149	164	182	10.55	5,902	6,467	7,135	74
Jasper	50	53	59	11.71	6,073	7,022	6,839	90
Jeff Davis	74	78	93	18.11	6,514	6,847	8,097	32
Jefferson	102	106	124	17.17	5,607	5,719	6,530	105
Jenkins	44	46	55	18.79	5,146	5,204	6,452	109
Johnson	46	47	52	11.65	5,310	5,401	6,101	126
Jones	78	88	101	14.78	4,910	5,272	5,702	145
Lamar	66	72	76	5.90	5,433	5,863	6,228	122
Lanier	28	28	34	20.66	4,942	4,998	5,927	135
Laurens	235	245	280	14.19	6,276	6,630	7,500	54
Lee	54	50	67	33.08	4,717	4,274	5,554	148
Liberty	239	268	282	5.27	6,826	7,033	7,289	66
Lincoln	35	39	42	7.66	5,008	5,562	6,077	129
Long	23	25	29	13.99	5,327	5,547	5,595	147
Lowndes	420	453	511	12.80	6,224	6,657	7,439	55
Lumpkin	52	57	68	18.69	4,965	5,302	6,150	124
McDuffie	113	123	141	14.46	6,158	6,586	7,549	53
McIntosh	36	41	45	10.76	4,553	5,100	6,034	131
Macon	73	84	85	.70	5,278	5,986	6,626	103
Madison	97	104	118	13.38	6,203	5,820	6,350	116
Marion	29	28	33	17.79	5,370	5,248	4,853	156
Meriwether	112	122	138	13.80	5,321	5,717	6,456	108
Miller	42	34	48	42.79	6,113	4,797	6,984	81
Mitchell	120	117	145	23.99	5,768	5,501	6,863	88
Monroe	89	102	117	14.51	6,216	6,953	7,704	48
Montgomery	38	38	44	13.86	5,260	5,504	6,217	123
Morgan	74	84	99	17.10	6,584	7,250	8,342	23
Murray	119	126	141	12.06	6,198	6,355	7,027	77
Muscogee	1,187	1,298	1,438	10.79	6,985	7,634	8,312	25
Newton	224	258	292	13.01	6,566	7,476	8,321	24
Oconee	67	72	82	14.38	5,634	5,720	5,804	142
Oglethorpe	45	46	53	13.63	4,982	5,177	5,900	138
Paulding	147	164	189	15.43	5,852	6,246	6,843	89
Peach	128	148	166	11.92	6,743	7,736	8,519	18
Pickens	68	77	88	14.06	5,957	6,608	7,314	64
Pierce	60	60	71	18.48	5,141	5,040	5,800	143
Pike	51	55	64	16.66	6,001	6,096	6,972	83
Polk	204	221	241	9.20	6,315	6,820	7,274	67
Pulaski	55	52	63	22.06	6,293	5,788	7,187	69
Putnam	67	78	87	11.67	6,538	7,562	8,168	29
Quitman	9	9	10	16.78	3,664	3,769	4,586	158
Rabun	52	58	64	9.87	5,124	5,502	5,856	140
Randolph	48	44	56	27.12	4,943	4,635	5,846	141
Richmond	1,235	1,363	1,496	9.73	6,880	7,479	8,168	30
Rockdale	245	287	329	14.70	6,911	7,726	8,353	21
Schley	20	20	25	22.89	5,805	5,857	8,015	33
Screven	81	77	93	20.14	5,833	5,472	6,468	107
Seminole	57	52	66	26.10	6,400	5,764	7,419	58
Spalding	333	373	418	11.95	7,073	7,769	8,718	14
Stephens	144	148	163	9.53	6,626	6,829	7,291	65
Stewart	28	29	34	18.30	4,760	4,951	5,922	137
Sumter	183	192	227	18.23	6,298	6,514	7,736	43

See footnotes at end of table.

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years—Continued

Area title	Total personal income: Millions of dollars 1979	1980	1981	Percent change 1980–81	Per capita personal income: Dollars 1979	1980	1981	Rank in State 1981
Talbot	28	31	34	10.62	4,188	4,735	5,330	153
Taliaferro	12	13	14	6.66	5,677	6,644	7,186	70
Tattnall	92	95	114	19.64	5,013	5,264	6,089	127
Taylor	46	48	56	15.68	5,661	6,143	7,002	80
Telfair	73	75	88	17.68	6,151	6,541	7,919	36
Terrell	64	62	77	25.27	5,314	5,132	6,433	110
Thomas	248	263	305	15.69	6,456	6,913	7,993	34
Tift	209	217	248	14.51	6,419	6,590	7,358	61
Toombs	124	133	155	16.50	5,496	5,903	6,893	86
Towns	26	29	33	14.91	4,776	5,116	5,529	149
Treutlen	28	30	35	13.78	4,577	5,005	5,742	144
Troup	336	374	420	12.20	6,827	7,453	8,257	27
Turner	61	58	74	27.85	6,533	6,057	7,886	38
Twiggs	38	42	47	12.54	3,972	4,482	4,553	159
Union	35	40	48	18.01	3,981	4,255	4,954	155
Upson	157	170	191	12.12	6,062	6,541	7,167	71
Walker	376	395	426	7.69	6,657	6,998	7,625	51
Walton	193	214	237	10.74	6,201	6,836	7,421	57
Ware	244	266	297	11.40	6,487	7,177	7,959	35
Warren	36	39	44	13.86	5,544	5,872	6,660	101
Washington	115	126	141	12.04	6,125	6,660	7,402	60
Wayne	125	138	165	19.55	6,113	6,628	7,803	40
Webster	14	11	15	36.80	6,070	4,692	8,353	22
Wheeler	25	24	29	21.12	4,938	4,649	5,376	151
White	50	55	63	13.06	5,083	5,440	6,081	128
Whitfield	491	533	585	9.73	7,463	8,095	8,727	13
Wilcox	43	38	48	25.39	5,617	4,987	5,973	134
Wilkes	67	74	85	14.93	6,255	6,736	7,620	52
Wilkinson	62	70	79	13.48	5,979	6,711	7,667	50
Worth	98	94	118	25.59	5,478	5,182	6,495	106
Hawaii	**8,719**	**9,861**	**10,818**	**9.70**	**9,177**	**10,182**	**11,032**	.....
Sum of SMSA counties	**7,184**	**8,107**	**8,877**	**9.50**	**9,535**	**10,601**	**11,553**	.....
Sum of non-SMSA counties	**1,535**	**1,755**	**1,942**	**10.67**	**7,808**	**8,611**	**9,146**	.....
Hawaii	673	771	851	10.29	7,559	8,312	8,728	4
Honolulu	7,184	8,107	8,877	9.50	9,535	10,601	11,553	1
Kauai	294	335	372	10.98	7,723	8,522	9,132	3
Maui and Kalawao	568	648	719	10.97	8,173	9,048	9,702	2
Idaho	**6,867**	**7,674**	**8,573**	**11.72**	**7,363**	**8,102**	**8,937**	.....
Sum of SMSA counties	**1,504**	**1,670**	**1,867**	**11.76**	**8,913**	**9,582**	**10,402**	.....
Sum of non-SMSA counties	**5,363**	**6,004**	**6,707**	**11.71**	**7,020**	**7,768**	**8,600**	.....
Ada	1,504	1,670	1,867	11.76	8,913	9,582	10,402	5
Adams	26	25	28	9.94	7,645	7,551	8,872	19
Bannock	495	542	598	10.29	7,634	8,268	8,970	16
Bear Lake	45	54	61	11.52	6,580	7,816	8,399	23
Benewah	58	63	76	20.09	7,406	7,582	9,145	13
Bingham	211	243	270	11.18	5,799	6,642	7,320	37
Blaine	86	94	112	18.54	8,704	9,441	11,041	3
Boise	19	21	22	3.84	6,668	6,957	6,985	42
Bonner	150	166	188	13.20	6,390	6,808	7,544	34
Bonneville	499	559	619	10.67	7,606	8,470	9,264	10
Boundary	46	48	53	11.10	6,481	6,517	7,292	38
Butte	22	25	28	10.13	6,605	7,544	8,293	25
Camas	7	9	9	7.91	9,470	10,210	11,618	2
Canyon	573	625	699	11.85	6,807	7,461	8,339	24
Caribou	62	73	80	9.20	7,158	8,432	9,066	14
Cassia	149	174	200	15.09	7,652	8,958	10,285	6
Clark	8	9	10	11.50	10,106	11,559	12,937	1
Clearwater	71	77	79	2.84	6,997	7,376	7,656	31
Custer	20	24	32	31.27	6,272	7,182	8,448	22
Elmore	141	157	178	13.30	6,321	7,322	8,137	28
Franklin	52	61	68	11.83	5,852	6,793	7,292	39
Fremont Co & Yellowstone	60	68	78	15.84	5,404	6,280	7,174	40
Gem	76	81	89	9.89	6,477	6,711	7,465	36
Gooding	74	87	100	14.94	6,306	7,310	8,165	26
Idaho	98	108	111	3.59	6,892	7,245	7,605	33
Jefferson	83	98	110	12.64	5,424	6,357	7,053	41
Jerome	105	122	137	11.74	7,042	8,207	9,162	12
Kootenai	431	478	533	11.43	7,331	7,928	8,853	20
Latah	198	224	252	12.27	7,024	7,790	8,623	21
Lemhi	48	55	59	6.55	6,646	7,351	7,632	32
Lewis	33	40	43	7.04	7,692	9,822	10,767	4
Lincoln	24	29	33	12.11	7,136	8,493	9,046	15
Madison	87	106	119	11.72	4,515	5,424	5,985	44
Minidoka	130	152	175	15.37	6,534	7,731	8,932	17
Nez Perce	281	308	338	9.51	8,636	9,260	10,188	7
Oneida	20	23	25	7.43	6,156	7,064	7,519	35
Owyhee	39	49	55	12.51	4,713	5,941	6,184	43
Payette	111	117	129	10.31	7,196	7,417	8,142	27
Power	42	48	60	25.63	6,198	7,022	8,928	18
Shoshone	157	174	194	11.99	8,247	9,011	10,148	8
Teton	17	22	24	12.58	6,245	7,420	7,994	29
Twin Falls	401	455	511	12.47	7,828	8,547	9,472	9
Valley	44	47	54	13.43	8,070	8,367	9,238	11
Washington	61	63	69	8.83	6,903	7,222	7,846	30
Illinois	**112,019**	**119,484**	**132,638**	**11.01**	**9,807**	**10,451**	**11,572**	.....
Sum of SMSA counties	**94,163**	**101,602**	**111,913**	**10.15**	**10,175**	**10,976**	**12,070**	.....
Sum of non-SMSA counties	**17,856**	**17,882**	**20,725**	**15.90**	**8,234**	**8,219**	**9,466**	.....
Adams	623	649	726	11.80	8,740	9,053	10,189	41
Alexander	64	68	75	9.74	5,191	5,547	6,149	100
Bond	116	116	133	14.24	7,119	7,124	8,037	88
Boone	259	266	292	9.53	8,860	9,290	10,137	43
Brown	41	37	47	25.77	7,470	6,836	8,636	77
Bureau	347	324	403	24.35	9,016	8,252	10,224	37
Calhoun	42	43	47	10.09	7,167	7,211	8,025	89
Carroll	143	140	175	25.04	7,484	7,454	9,397	60
Cass	129	130	153	17.26	8,878	8,610	10,141	42
Champaign	1,318	1,384	1,579	14.08	7,841	8,232	9,235	65
Christian	326	325	379	16.62	8,946	8,926	10,332	30
Clark	136	137	160	17.23	8,197	8,061	9,574	55
Clay	106	103	129	25.32	6,862	6,702	8,344	81
Clinton	246	258	286	11.05	7,659	7,857	8,654	76
Coles	393	389	447	14.83	7,440	7,317	8,427	78
Cook	55,172	59,670	65,443	9.68	10,435	11,368	12,570	3
Crawford	183	187	222	18.72	8,704	8,962	10,506	25
Cumberland	72	67	81	20.93	6,595	6,040	7,388	94
De Kalb	591	621	710	14.40	7,986	8,281	9,420	58
De Witt	156	144	173	19.72	8,624	7,959	9,496	57
Douglas	183	171	204	19.26	9,265	8,626	10,239	34
Du Page	7,553	8,187	9,101	11.17	11,866	12,323	13,488	1
Edgar	196	177	215	21.60	8,999	8,121	9,806	49
Edwards	69	72	89	23.43	8,787	9,020	11,116	15
Effingham	248	243	276	13.48	8,136	7,806	8,711	75
Fayette	145	137	162	18.30	6,583	6,180	7,280	95
Ford	162	138	171	24.06	10,626	9,023	10,980	17
Franklin	333	361	382	5.94	7,796	8,327	8,744	73
Fulton	361	370	423	14.34	8,293	8,471	9,718	52
Gallatin	54	54	63	17.34	6,897	7,100	8,010	90
Greene	112	95	118	24.75	6,669	5,691	7,048	96
Grundy	305	300	346	15.52	10,000	9,771	11,198	13
Hamilton	61	62	75	20.62	6,526	6,807	7,996	91
Hancock	194	179	221	23.41	8,141	7,466	9,288	62
Hardin	26	27	34	22.80	4,680	5,074	6,265	98
Henderson	73	66	86	29.71	8,091	7,202	9,407	59
Henry	521	515	577	11.99	8,964	8,858	9,901	47
Iroquois	313	272	342	25.60	9,375	8,269	10,212	38
Jackson	417	450	495	9.94	6,813	7,293	7,880	93
Jasper	92	80	100	24.29	8,111	7,087	8,816	71
Jefferson	278	288	335	16.25	7,744	7,883	9,039	69
Jersey	150	149	171	14.44	7,347	7,229	8,234	82
Jo Daviess	156	161	191	18.54	6,628	6,838	8,072	86
Johnson	49	50	58	14.57	4,906	5,216	5,915	101
Kane	2,796	2,997	3,279	9.40	10,092	10,740	11,360	10
Kankakee	875	933	1,009	8.11	8,394	9,057	9,743	51
Kendall	341	367	410	11.77	9,330	9,757	10,778	21
Knox	527	534	603	12.86	8,532	8,667	9,797	50
Lake	4,911	5,368	5,948	10.82	11,144	12,148	13,102	2
La Salle	1,012	1,021	1,149	12.50	9,300	9,352	10,241	32
Lawrence	145	149	177	18.70	8,146	8,362	9,832	48
Lee	321	323	388	20.35	8,783	8,893	10,667	22
Livingston	395	386	465	20.46	9,510	9,334	11,381	9
Logan	288	272	330	21.63	9,098	8,561	10,316	31
McDonough	255	255	307	20.38	6,857	6,873	8,068	87
McHenry	1,411	1,525	1,725	13.16	9,826	10,213	11,437	8
McLean	1,046	1,086	1,266	16.55	8,848	9,084	10,604	23
Macon	1,177	1,251	1,399	11.80	8,891	9,522	10,554	24
Macoupin	413	414	471	13.84	8,516	8,354	9,566	56
Madison	2,229	2,355	2,590	9.99	8,863	9,510	10,368	29
Marion	348	356	402	12.95	7,905	8,150	9,101	68
Marshall	117	119	148	24.16	8,449	8,173	10,231	36
Mason	163	155	178	14.96	8,361	7,950	9,111	67
Massac	100	101	106	5.15	6,559	6,719	6,915	97
Menard	108	106	126	19.40	9,628	9,004	10,962	18
Mercer	145	139	180	29.14	7,408	7,194	9,154	66
Monroe	183	200	219	9.72	9,224	9,899	10,803	20
Montgomery	287	296	324	9.15	9,018	9,365	10,077	45
Morgan	337	358	412	15.10	9,031	9,545	11,235	11
Moultrie	130	119	140	16.97	8,919	8,141	9,682	53
Ogle	376	379	447	17.93	8,121	8,155	9,599	54
Peoria	2,067	2,292	2,515	9.71	10,313	11,420	12,513	4
Perry	187	196	201	2.90	8,631	8,997	9,257	64
Piatt	161	147	175	19.11	9,798	8,868	10,504	26
Pike	139	121	151	24.44	7,335	6,406	7,986	92
Pope	19	18	22	21.55	4,262	4,128	5,068	102
Pulaski	49	49	54	10.93	5,236	5,577	6,193	99
Putnam	44	42	53	25.88	7,348	6,861	8,761	72
Randolph	255	269	296	10.30	7,235	7,527	8,387	80
Richland	137	139	182	30.34	7,596	7,917	10,127	44
Rock Island	1,654	1,798	2,018	12.23	9,948	10,831	11,897	6
St. Clair	2,162	2,329	2,524	8.37	7,958	8,793	9,353	61
Saline	210	225	253	12.59	7,644	8,204	8,836	70
Sangamon	1,649	1,756	1,974	12.43	9,358	9,962	11,169	14
Schuyler	60	53	67	25.15	7,411	6,323	8,148	84
Scott	56	55	66	20.30	9,143	8,923	11,090	16
Shelby	183	166	205	23.77	7,729	6,906	8,716	74
Stark	70	73	90	22.91	9,651	9,811	12,391	5
Stephenson	435	458	528	15.39	8,818	9,209	10,386	28
Tazewell	1,268	1,406	1,553	10.48	9,712	10,608	11,638	7
Union	125	131	147	11.97	7,411	7,749	8,227	83
Vermilion	854	862	974	12.97	8,816	9,075	10,238	35
Wabash	121	134	156	16.08	9,001	9,775	11,208	12
Warren	196	183	223	21.62	8,920	8,367	10,074	46
Washington	126	123	144	17.52	8,354	7,849	9,261	63
Wayne	142	132	156	17.61	7,779	7,302	8,410	79
White	148	155	185	19.09	8,380	8,660	10,212	39

See footnotes at end of table.

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years—Continued

Area title	Total personal income: Millions of dollars 1979	1980	1981	Percent change 1980–81	Per capita personal income: Dollars 1979	1980	1981	Rank in State 1981
Whiteside	598	594	680	14.40	9,028	8,977	10,191	40
Will	2,899	3,096	3,384	9.29	9,071	9,483	10,240	33
Williamson	395	431	468	8.65	6,959	7,585	8,107	85
Winnebago	2,364	2,520	2,756	9.36	9,545	10,011	10,808	19
Woodford	296	305	350	14.78	9,290	9,081	10,387	27
Indiana	**46,141**	**48,757**	**53,185**	**9.08**	**8,428**	**8,883**	**9,727**	.....
Sum of SMSA counties	**33,564**	**35,606**	**38,837**	**9.07**	**8,780**	**9,296**	**10,170**	.....
Sum of non-SMSA counties	**12,577**	**13,151**	**14,348**	**9.10**	**7,613**	**7,929**	**8,700**	.....
Adams	249	245	268	9.25	8,415	8,287	8,999	47
Allen	2,696	2,799	3,046	8.83	9,163	9,513	10,403	6
Bartholomew	592	601	651	8.27	9,229	9,212	10,211	10
Benton	106	109	113	3.90	10,185	10,742	11,050	4
Blackford	117	117	127	8.04	7,467	7,555	8,151	68
Boone	327	349	381	9.10	9,147	9,533	10,342	8
Brown	71	77	85	10.77	5,893	6,140	7,013	82
Carroll	166	167	181	8.25	8,425	8,490	9,238	34
Cass	353	365	400	9.50	8,643	8,909	9,517	22
Clark	671	722	803	11.11	7,569	8,136	8,957	48
Clay	195	205	216	5.61	7,906	8,237	8,815	53
Clinton	274	285	314	9.99	8,784	9,059	10,098	14
Crawford	52	55	61	10.64	5,384	5,620	6,215	92
Daviess	187	196	227	16.03	6,874	7,006	8,274	63
Dearborn	238	258	280	8.28	7,073	7,498	8,120	70
Decatur	190	198	219	10.48	7,924	8,335	9,239	33
De Kalb	275	272	298	9.50	8,291	8,102	9,154	40
Delaware	961	1,031	1,131	9.64	7,470	8,043	8,923	49
Dubois	271	286	317	11.08	8,024	8,324	9,248	32
Elkhart	1,217	1,233	1,336	8.37	8,901	8,971	9,787	20
Fayette	215	226	249	10.21	7,717	7,990	8,805	54
Floyd	474	514	576	12.19	7,830	8,370	9,299	28
Fountain	145	154	168	9.19	7,413	8,115	8,635	58
Franklin	114	120	131	9.96	5,932	6,065	6,685	88
Fulton	146	150	165	9.60	7,551	7,776	8,347	62
Gibson	274	295	331	12.09	8,272	8,901	9,858	18
Grant	654	672	736	9.47	8,057	8,335	9,338	27
Greene	192	208	229	10.01	6,318	6,846	7,494	79
Hamilton	796	853	930	8.97	9,870	10,277	11,371	2
Hancock	391	418	451	7.93	9,066	9,478	10,141	12
Harrison	177	188	207	10.19	6,593	6,858	7,560	77
Hendricks	604	649	706	8.88	8,879	9,244	10,023	15
Henry	420	449	459	2.13	7,831	8,442	8,838	52
Howard	829	883	942	6.64	9,498	10,181	11,068	3
Huntington	304	308	332	7.82	8,490	8,676	9,365	24
Jackson	289	297	325	9.50	8,023	8,108	8,905	50
Jasper	199	213	240	12.43	7,821	8,108	9,158	39
Jay	178	180	193	7.01	7,530	7,787	8,363	61
Jefferson	201	225	250	11.14	6,625	7,365	8,108	71
Jennings	131	137	150	10.16	5,748	5,970	6,707	87
Johnson	621	668	743	11.23	8,250	8,605	9,611	21
Knox	319	344	383	11.26	7,675	8,208	9,164	38
Kosciusko	461	490	551	12.38	7,866	8,201	9,260	31
Lagrange	156	157	175	11.83	6,107	6,124	6,965	83
Lake	4,923	5,037	5,390	7.00	9,279	9,670	10,359	7
La Porte	918	990	1,071	8.19	8,410	9,124	9,804	19
Lawrence	312	334	365	9.41	7,372	7,856	8,603	59
Madison	1,138	1,195	1,275	6.75	8,175	8,587	9,293	29
Marion	7,349	8,005	8,835	10.38	9,564	10,490	11,573	1
Marshall	316	321	348	8.37	8,202	8,195	9,037	45
Martin	70	75	85	13.52	6,245	6,853	7,561	76
Miami	286	294	322	9.53	7,111	7,413	8,240	64
Monroe	602	666	751	12.77	6,194	6,762	7,541	78
Montgomery	292	306	326	6.58	8,207	8,634	9,219	36
Morgan	409	436	476	9.18	7,995	8,357	9,094	43
Newton	104	111	114	3.29	7,258	7,413	7,688	75
Noble	269	275	303	10.17	7,608	7,737	8,662	57
Ohio	29	32	35	9.80	5,589	6,207	6,573	89
Orange	108	115	127	10.34	5,909	6,130	6,772	85
Owen	86	89	99	11.20	5,369	5,622	6,219	91
Parke	108	116	125	7.09	6,666	7,108	7,768	74
Perry	121	125	136	8.43	6,222	6,477	7,134	81
Pike	115	119	132	11.43	8,593	8,797	10,141	13
Porter	1,096	1,147	1,242	8.32	9,443	9,490	10,196	11
Posey	203	213	231	8.43	7,900	8,029	8,699	56
Pulaski	114	116	121	3.99	8,677	8,785	9,221	35
Putnam	207	216	232	7.49	7,206	7,373	8,051	72
Randolph	234	236	257	8.53	7,774	7,882	8,707	55
Ripley	175	185	199	7.86	7,123	7,563	8,136	69
Rush	154	161	175	9.01	7,823	8,264	9,057	44
St. Joseph	2,068	2,190	2,376	8.51	8,540	9,077	9,931	17
Scott	128	137	148	8.41	6,247	6,697	7,353	80
Shelby	322	342	371	8.59	8,076	8,572	9,278	30
Spencer	142	148	160	8.49	7,317	7,592	8,228	66
Starke	138	142	150	5.78	6,262	6,444	6,909	84
Steuben	179	188	211	12.15	7,209	7,620	8,440	60
Sullivan	163	176	189	7.71	7,742	8,324	8,874	51
Switzerland	39	43	48	10.43	5,593	6,064	6,768	86
Tippecanoe	929	1,003	1,107	10.34	7,640	8,237	9,105	42
Tipton	145	148	155	4.65	8,570	8,797	9,342	26
Union	52	52	56	9.49	7,455	7,533	8,153	67
Vanderburgh	1,525	1,661	1,833	10.37	9,186	9,920	10,970	5
Vermillion	123	132	146	10.50	6,848	7,246	8,239	65
Vigo	873	946	1,026	8.43	7,885	8,417	9,384	23
Wabash	293	299	325	8.91	8,098	8,144	9,025	46
Warren	71	70	72	2.66	7,822	7,782	7,938	73
Warrick	332	359	388	7.96	8,075	8,625	9,353	25
Washington	126	131	140	7.41	5,828	5,937	6,416	90
Wayne	594	627	692	10.39	7,775	8,264	9,212	37
Wells	230	234	259	10.57	8,996	9,251	9,957	16
White	218	227	245	7.81	9,343	9,495	10,273	9
Whitley	217	221	240	8.57	8,409	8,409	9,152	41
Iowa	**25,704**	**27,038**	**30,373**	**12.33**	**8,812**	**9,283**	**10,478**	.....
Sum of SMSA counties	**10,956**	**11,906**	**13,063**	**9.71**	**9,413**	**10,180**	**11,194**	.....
Sum of non-SMSA counties	**14,748**	**15,132**	**17,310**	**14.40**	**8,414**	**8,681**	**9,995**	.....
Adair	75	70	84	18.94	7,874	7,404	9,174	76
Adams	45	41	48	18.31	7,693	7,141	8,732	83
Allamakee	102	102	114	11.39	6,658	6,817	7,570	98
Appanoose	105	112	126	13.08	6,749	7,201	8,433	90
Audubon	71	67	79	18.69	8,046	7,874	9,424	70
Benton	197	198	223	12.66	8,311	8,356	9,497	66
Black Hawk	1,283	1,407	1,545	9.86	9,420	10,177	11,113	16
Boone	237	245	279	13.49	8,994	9,382	10,752	24
Bremer	207	219	248	12.97	8,518	8,800	9,974	51
Buchanan	180	180	211	16.98	7,759	7,883	9,346	73
Buena Vista	189	197	225	14.25	9,177	9,501	10,720	25
Butler	143	143	168	17.27	8,033	8,102	9,628	59
Calhoun	130	134	158	18.04	9,656	9,914	12,041	3
Carroll	201	206	240	16.33	8,790	9,003	10,489	33
Cass	148	151	176	16.29	8,610	8,957	10,528	31
Cedar	158	154	184	19.37	8,410	8,284	9,991	49
Cerro Gordo	432	462	523	13.16	8,916	9,548	10,769	23
Cherokee	142	143	163	13.79	8,629	8,849	10,253	42
Chickasaw	123	121	139	14.58	7,933	7,849	9,178	75
Clarke	61	65	73	12.68	7,185	7,479	8,446	89
Clay	181	187	207	10.76	9,201	9,543	10,680	27
Clayton	161	157	181	14.84	7,466	7,489	8,700	84
Clinton	498	527	581	10.32	8,542	9,250	10,305	36
Crawford	158	163	188	15.23	8,195	8,620	9,912	53
Dallas	249	261	297	13.45	8,583	8,828	10,131	45
Davis	63	65	74	14.81	6,833	7,099	8,149	94
Decatur	54	60	67	10.43	5,550	6,159	6,960	99
Delaware	142	129	157	21.88	7,605	6,815	8,409	91
Des Moines	406	435	478	9.82	8,850	9,418	10,353	35
Dickinson	137	143	164	14.64	8,694	9,133	10,545	30
Dubuque	829	885	945	6.74	8,877	9,441	10,163	43
Emmet	117	124	140	12.96	8,667	9,367	10,605	28
Fayette	193	191	224	17.13	7,660	7,502	8,880	82
Floyd	163	159	181	14.31	8,284	8,111	9,433	68
Franklin	113	108	130	20.97	8,660	8,243	10,291	37
Fremont	82	80	96	19.70	8,433	8,551	10,260	39
Greene	129	131	152	15.98	10,554	10,799	12,700	1
Grundy	135	139	164	17.77	9,335	9,690	11,535	8
Guthrie	92	93	108	16.49	7,709	7,736	9,052	80
Hamilton	170	173	203	17.66	9,467	9,682	11,516	9
Hancock	127	120	142	18.62	9,246	8,664	10,563	29
Hardin	198	208	239	15.05	9,002	9,524	10,906	19
Harrison	132	133	154	15.55	7,910	8,170	9,398	71
Henry	153	155	177	14.02	8,073	8,230	9,425	69
Howard	84	82	98	19.83	7,526	7,409	9,093	79
Humboldt	119	121	141	17.09	9,640	9,882	11,648	6
Ida	78	77	89	16.01	8,639	8,607	9,992	48
Iowa	133	135	154	14.64	8,485	8,747	9,978	50
Jackson	160	166	189	14.05	7,149	7,346	8,387	93
Jasper	313	332	371	11.69	8,518	9,131	10,255	41
Jefferson	131	134	150	12.40	8,038	8,185	9,163	77
Johnson	663	720	806	12.02	8,146	8,775	9,689	58
Jones	151	148	170	14.93	7,437	7,248	8,473	88
Keokuk	113	107	127	18.94	8,588	8,281	9,570	62
Kossuth	199	191	226	18.54	9,089	8,727	10,280	38
Lee	361	381	423	11.02	8,334	8,852	9,791	55
Linn	1,657	1,807	1,950	7.95	9,871	10,620	11,484	10
Louisa	87	91	110	21.04	7,229	7,573	9,147	78
Lucas	80	86	97	13.25	7,690	8,331	9,555	64
Lyon	112	109	126	16.51	8,740	8,435	10,066	47
Madison	94	95	107	12.92	7,291	7,531	8,679	85
Mahaska	192	194	223	14.80	8,332	8,644	9,713	57
Marion	257	271	310	14.51	8,788	9,104	10,432	34
Marshall	393	421	474	12.40	9,426	10,145	11,349	12
Mills	107	112	129	15.10	7,857	8,342	9,626	60
Mitchell	100	96	115	19.36	8,102	7,814	9,461	67
Monona	99	100	115	14.24	8,077	8,643	9,970	52
Monroe	72	74	83	11.78	7,493	8,111	8,954	81
Montgomery	126	129	144	11.91	9,378	9,626	11,148	15
Muscatine	373	411	471	14.73	9,208	10,163	11,612	7
O'Brien	154	159	187	17.56	9,040	9,418	11,221	14
Osceola	74	75	89	18.99	8,719	8,963	10,832	20
Page	167	171	195	13.61	8,647	9,010	10,157	44
Palo Alto	117	120	143	18.64	9,033	9,490	11,276	13
Plymouth	200	201	233	15.68	8,029	8,139	9,389	72
Pocahontas	111	112	134	19.48	9,517	9,892	11,997	4
Polk	3,132	3,415	3,733	9.30	10,360	11,262	12,430	2
Pottawattamie	708	758	849	11.98	8,188	8,772	9,863	54
Poweshiek	179	180	205	14.10	9,369	9,282	10,825	21
Ringgold	43	43	50	16.65	7,154	7,040	8,392	92
Sac	132	133	153	15.59	9,240	9,434	11,035	17

See footnotes at end of table.

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years—Continued

Area title	Total personal income: Millions of dollars 1979	1980	1981	Percent change[1] 1980–81	Per capita personal income: Dollars 1979	1980	1981	Rank in State 1981
Scott	1,499	1,645	1,816	10.40	9,391	10,269	11,382	11
Shelby	128	128	150	17.18	8,663	8,472	10,075	46
Sioux	225	227	260	14.73	7,358	7,337	8,612	86
Story	577	613	685	11.81	8,078	8,454	9,518	65
Tama	167	170	198	16.92	8,400	8,720	10,260	40
Taylor	57	55	66	20.23	6,857	6,622	7,979	95
Union	108	115	129	12.45	7,648	8,315	9,301	74
Van Buren	60	59	68	14.39	7,004	6,836	7,881	97
Wapello	333	368	388	5.57	8,180	9,144	9,750	56
Warren	288	307	337	9.79	8,414	8,753	9,619	61
Washington	180	179	210	17.56	8,862	8,879	10,511	32
Wayne	61	60	71	17.06	7,469	7,367	8,556	87
Webster	427	453	502	10.91	9,301	9,867	10,951	18
Winnebago	123	111	134	21.49	9,094	8,576	10,807	22
Winneshiek	148	151	173	14.31	6,651	6,902	7,887	96
Woodbury	896	962	1,080	12.26	8,756	9,582	10,711	26
Worth	78	73	87	18.28	8,380	8,098	9,563	63
Wright	164	163	192	17.85	10,002	9,988	11,958	5
Kansas	**21,782**	**23,412**	**25,790**	**10.16**	**9,279**	**9,889**	**10,824**	.....
Sum of SMSA counties	**11,096**	**12,247**	**13,601**	**11.05**	**10,137**	**11,027**	**12,125**	.....
Sum of non-SMSA counties	**10,686**	**11,165**	**12,189**	**9.18**	**8,530**	**8,884**	**9,667**	.....
Allen	125	130	146	12.24	7,926	8,292	9,300	60
Anderson	71	71	82	16.27	8,111	8,045	9,704	47
Atchison	144	142	153	7.48	7,798	7,707	8,312	91
Barber	63	68	74	8.20	9,542	10,440	11,019	17
Barton	295	334	381	14.04	9,406	10,654	11,865	10
Bourbon	132	140	153	9.10	8,454	8,732	9,487	54
Brown	100	87	102	16.98	8,419	7,274	8,411	86
Butler	406	453	512	13.02	9,378	10,006	10,924	19
Chase	26	26	27	3.01	7,822	7,855	8,033	97
Chautauqua	33	36	39	8.57	6,450	7,173	7,588	105
Cherokee	149	152	169	11.28	6,727	6,810	7,590	104
Cheyenne	30	29	31	9.17	7,921	7,859	8,673	80
Clark	33	34	31	−8.68	12,744	13,119	11,767	11
Clay	73	70	80	13.79	7,396	7,193	8,328	90
Cloud	112	116	120	3.41	8,971	9,257	9,727	45
Coffey	75	77	85	10.61	8,353	8,114	9,258	62
Comanche	26	28	28	−.83	10,423	10,875	11,390	14
Cowley	293	326	360	10.44	8,286	8,793	9,682	48
Crawford	284	307	336	9.43	7,490	8,101	8,874	75
Decatur	45	46	48	3.61	9,971	10,242	10,581	23
Dickinson	155	171	178	4.11	7,437	8,520	9,087	68
Doniphan	72	60	75	24.91	7,935	6,483	8,065	95
Douglas	476	510	565	10.83	7,141	7,511	8,284	92
Edwards	41	38	42	10.70	9,324	8,954	9,675	49
Elk	29	29	30	3.99	6,995	7,459	7,723	102
Ellis	196	219	249	13.56	7,651	8,357	9,244	63
Ellsworth	60	63	65	2.45	8,997	9,567	9,980	40
Finney	283	285	338	18.41	12,158	11,927	13,851	3
Ford	265	281	307	9.22	11,034	11,537	12,036	9
Franklin	182	191	212	10.99	8,285	8,730	9,705	46
Geary	241	264	294	11.31	7,861	8,914	9,856	41
Gove	38	31	32	2.30	10 301	8,442	8,837	76
Graham	37	36	36	.67	9,145	9,083	9,028	70
Grant	71	66	68	3.24	10,387	9,475	10,045	36
Gray	60	48	51	7.28	11,755	9,245	10,834	20
Greeley	31	30	23	−24.40	16,328	16,513	12,811	6
Greenwood	75	78	90	15.06	8,553	8,959	10,115	35
Hamilton	26	26	21	−18.60	10,040	10,268	8,502	84
Harper	72	77	70	−8.65	9,358	9,817	9,109	66
Harvey	257	276	293	6.04	8,440	9,005	9,584	51
Haskell	64	43	39	−10.05	15,967	11,420	10,374	26
Hodgeman	28	30	21	−29.81	12,259	13,085	9,225	64
Jackson	86	87	95	9.32	7,461	7,479	7,943	100
Jefferson	115	114	135	18.37	7,697	7,439	8,344	89
Jewell	42	39	41	5.12	7,873	7,482	7,759	101
Johnson	3,426	3,759	4,187	11.38	12,967	13,824	15,151	1
Kearny	30	30	32	5.65	8,850	8,751	9,299	61
Kingman	76	83	77	−7.09	8,517	9,224	8,653	81
Kiowa	41	41	42	4.24	10,140	10,081	10,362	27
Labette	180	191	205	7.53	7,080	7,420	8,024	98
Lane	31	28	26	−5.90	11,749	11,414	10,667	22
Leavenworth	422	454	519	14.19	7,777	8,265	9,387	57
Lincoln	36	36	35	−3.25	8,411	8,876	8,953	71
Linn	67	65	73	12.43	8,060	7,845	8,782	78
Logan	30	30	32	6.02	8,217	8,781	9,376	58
Lyon	278	310	344	11.14	8,018	8,801	9,660	50
McPherson	236	253	279	10.58	8,877	9,390	10,202	32
Marion	94	102	114	11.72	6,882	7,581	8,430	85
Marshall	110	99	115	16.24	8,446	7,833	9,313	59
Meade	65	59	66	12.61	13,633	12,248	13,827	4
Miami	169	174	193	10.86	7,888	8,068	8,928	72
Mitchell	78	81	79	−1.93	9,647	9,906	9,766	44
Montgomery	342	378	425	12.43	8,173	8,910	9,983	39
Morris	46	46	48	4.12	7,220	7,184	7,612	103
Morton	37	32	36	15.20	10,951	9,136	10,302	30
Nemaha	80	78	92	18.05	7,136	6,980	8,179	93
Neosho	152	165	192	16.53	7,929	8,705	9,997	38
Ness	40	43	47	8.49	9,049	9,642	10,227	31
Norton	52	58	64	10.80	7,609	8,615	9,393	56
Osage	117	122	136	12.26	7,734	7,885	8,902	73
Osborne	56	55	53	−2.26	9,204	9,213	9,101	67
Ottawa	53	54	52	−4.30	8,602	9,148	8,751	79
Pawnee	74	73	77	5.12	8,803	9,177	9,841	42
Phillips	63	68	73	7.53	8,116	9,231	10,004	37
Pottawatomie	109	108	124	15.03	7,493	7,269	8,381	87
Pratt	111	116	122	5.17	10,891	11,223	11,720	12
Rawlins	32	33	36	8.71	8,149	7,922	8,825	77
Reno	559	602	662	9.88	8,715	9,249	10,173	34
Republic	61	57	64	11.58	7,948	7,627	8,886	74
Rice	107	114	117	2.66	8,883	9,602	9,807	43
Riley	416	459	517	12.51	6,630	7,218	8,077	94
Rooks	59	65	68	5.11	8,429	9,222	9,558	52
Rush	45	48	49	1.65	9,603	10,623	11,513	13
Russell	92	101	111	9.45	10,462	11,375	12,222	8
Saline	442	496	539	8.57	9,010	10,158	10,693	21
Scott	76	68	66	−3.03	13,094	11,860	11,286	15
Sedgwick	3,625	4,105	4,579	11.55	9,959	11,164	12,334	7
Seward	188	206	228	10.33	10,854	12,092	13,418	5
Shawnee	1,431	1,565	1,720	9.85	9,335	10,087	10,995	18
Sheridan	40	31	31	−.52	11,132	8,838	8,623	82
Sherman	68	70	77	10.26	8,606	9,091	10,487	24
Smith	49	44	49	10.99	8,138	7,483	8,368	88
Stafford	57	55	57	2.60	10,121	9,990	10,481	25
Stanton	30	22	23	8.42	12,362	9,309	9,531	53
Stevens	62	50	54	7.77	13,572	10,481	11,150	16
Sumner	192	224	236	5.58	7,828	8,947	9,468	55
Thomas	79	78	89	14.80	9,437	9,174	10,353	28
Trego	34	35	39	10.05	8,206	8,388	9,130	65
Wabaunsee	54	53	59	11.07	8,064	7,687	8,536	83
Wallace	25	19	22	10.78	12,066	9,497	10,196	33
Washington	62	59	67	13.93	7,078	6,891	7,980	99
Wichita	61	55	41	−25.88	18,796	18,460	13,976	2
Wilson	86	85	97	14.18	7,162	7,027	8,048	96
Woodson	36	39	43	9.11	7,807	8,466	9,032	69
Wyandotte	1,500	1,620	1,768	9.09	8,667	9,416	10,325	29
Kentucky	**25,941**	**27,710**	**30,824**	**11.24**	**7,119**	**7,567**	**8,416**	.....
Sum of SMSA counties	**13,633**	**14,670**	**16,187**	**10.34**	**8,371**	**9,014**	**9,987**	.....
Sum of non-SMSA counties	**12,308**	**13,040**	**14,637**	**12.25**	**6,108**	**6,409**	**7,170**	.....
Adair	69	76	88	16.08	4,535	4,977	5,745	95
Allen	83	88	101	14.99	6,042	6,197	7,187	60
Anderson	87	96	111	15.84	7,295	7,543	8,467	25
Ballard	62	58	70	20.58	7,106	6,620	8,234	30
Barren	213	227	258	13.74	6,284	6,663	7,586	46
Bath	51	57	64	12.77	5,150	5,663	6,334	81
Bell	204	222	248	11.86	5,971	6,476	7,274	56
Boone	355	381	408	7.26	7,925	8,249	8,722	18
Bourbon	169	199	233	17.04	8,934	10,259	12,056	1
Boyd	499	523	564	7.78	8,964	9,432	10,248	6
Boyle	175	192	216	12.15	7,057	7,682	8,736	17
Bracken	42	44	51	15.02	5,393	5,761	6,846	68
Breathitt	72	88	98	11.14	4,192	5,203	5,796	92
Breckinridge	94	96	111	15.79	5,620	5,699	6,603	77
Bullitt	254	275	302	9.83	5,953	6,312	6,837	69
Butler	59	58	67	16.46	5,244	5,215	6,172	84
Caldwell	98	101	115	13.32	7,264	7,526	8,520	21
Calloway	191	197	219	11.03	6,418	6,552	7,295	55
Campbell	694	744	790	6.21	8,297	8,958	9,743	9
Carlisle	37	35	41	19.71	6,679	6,333	7,489	51
Carroll	64	67	80	19.21	6,708	7,279	8,391	26
Carter	111	118	134	13.52	4,521	4,692	5,330	103
Casey	59	63	73	15.94	3,944	4,253	4,839	114
Christian	445	451	506	12.25	6,594	6,771	7,648	44
Clark	218	226	253	12.19	7,663	7,980	8,977	16
Clay	107	116	135	16.63	4,764	5,092	6,050	90
Clinton	34	36	43	17.85	3,649	3,887	4,448	120
Crittenden	65	66	73	10.92	6,990	7,153	7,876	39
Cumberland	34	35	41	17.01	4,625	4,843	5,411	100
Daviess	697	747	841	12.53	8,150	8,682	9,713	10
Edmonson	41	44	51	14.35	4,161	4,472	5,140	108
Elliott	30	31	34	9.94	4,335	4,460	4,745	115
Estill	79	85	97	13.53	5,445	5,887	6,689	74
Fayette	1,760	1,935	2,176	12.46	8,665	9,467	10,677	4
Fleming	62	67	75	12.90	5,144	5,385	6,110	87
Floyd	279	299	322	7.70	5,761	6,127	6,603	78
Franklin	366	397	433	9.12	8,795	9,486	10,287	5
Fulton	65	62	74	20.52	7,362	6,905	8,545	20
Gallatin	25	29	32	10.62	5,260	5,916	6,495	80
Garrard	68	74	83	12.47	6,167	6,801	7,225	58
Grant	82	91	101	10.12	6,605	6,804	7,432	52
Graves	247	239	279	16.84	7,294	7,007	8,359	27
Grayson	108	114	140	21.94	5,320	5,475	6,622	76
Green	59	64	75	18.31	5,395	5,759	6,743	72
Greenup	264	286	313	9.35	6,831	7,290	7,979	34
Hancock	54	58	65	12.57	7,257	7,420	8,689	19
Hardin	552	583	640	9.80	6,469	6,511	7,234	57
Harlan	265	280	315	12.45	6,267	6,719	7,492	49
Harrison	103	112	128	14.60	6,774	7,372	8,321	28
Hart	76	81	91	13.13	5,133	5,237	6,037	91
Henderson	337	357	413	15.85	8,411	8,703	10,069	7
Henry	82	89	102	13.96	6,544	6,958	7,891	38
Hickman	40	33	44	32.60	6,659	5,469	7,062	65
Hopkins	408	424	466	9.75	8,785	9,215	10,042	8
Jackson	45	49	57	15.04	3,835	4,101	4,560	117

See footnotes at end of table.

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years—Continued

Area title	Total personal income: Millions of dollars 1979	1980	1981	Percent change[1] 1980–81	Per capita personal income: Dollars 1979	1980	1981	Rank in State 1981
Jefferson	6,192	6,632	7,276	9.70	8,946	9,724	10,760	3
Jessamine	157	178	200	12.58	5,855	6,647	7,404	53
Johnson	148	160	174	8.51	6,160	6,553	7,040	66
Kenton	1,107	1,199	1,295	8.04	8,202	8,733	9,420	13
Knott	89	93	111	18.64	5,038	5,199	6,051	89
Knox	138	149	163	9.57	4,570	4,925	5,298	104
Larue	71	73	85	16.24	6,088	6,070	7,160	62
Laurel	204	222	251	12.75	5,395	5,669	6,289	82
Lawrence	75	81	87	8.18	5,428	5,709	6,145	86
Lee	32	34	39	13.44	3,997	4,440	5,151	107
Lislie	67	70	77	11.32	4,497	4,677	5,260	105
Letcher	176	183	190	3.93	5,710	5,971	6,170	85
Lewis	63	68	78	15.36	4,372	4,652	5,212	106
Lincoln	94	101	115	13.51	4,919	5,317	6,055	88
Livingston	67	66	70	6.92	7,119	7,137	7,677	43
Logan	167	161	197	22.35	6,996	6,679	8,262	29
Lyon	40	41	46	12.89	6,292	6,285	6,805	70
McCracken	511	538	587	9.24	8,345	8,785	9,479	12
McCreary	56	63	72	14.07	3,624	4,016	4,540	118
McLean	72	67	81	20.94	7,012	6,704	7,943	37
Madison	305	331	363	9.57	5,853	6,184	6,639	75
Magoffin	58	66	78	18.48	4,368	4,885	5,670	97
Marion	86	91	103	12.83	4,734	5,106	5,730	96
Marshall	173	180	204	13.22	6,931	6,984	8,029	33
Martin	89	96	105	9.27	6,472	6,885	7,362	54
Mason	124	129	142	10.48	6,902	7,280	7,965	36
Meade	106	112	124	11.17	4,817	4,853	5,330	102
Menifee	19	20	24	19.35	3,763	3,853	4,504	119
Mercer	126	135	151	12.15	6,705	7,092	7,967	35
Metcalfe	38	41	48	16.57	4,239	4,327	5,002	110
Monroe	59	63	71	12.83	4,652	5,110	5,746	93
Montgomery	120	130	151	16.19	6,151	6,444	7,496	48
Morgan	51	55	61	11.75	4,244	4,500	4,965	112
Muhlenberg	252	262	274	4.37	7,849	8,148	8,487	24
Nelson	173	187	209	11.43	6,413	6,776	7,505	47
Nicholas	40	45	48	7.32	5,500	6,349	6,700	73
Ohio	151	154	162	5.64	6,798	7,083	7,611	45
Oldham	177	197	225	14.18	6,728	6,879	7,788	41
Owen	45	52	59	13.88	5,075	5,776	6,553	79
Owsley	20	22	26	21.43	3,457	3,827	4,694	116
Pendleton	65	72	78	9.26	6,010	6,529	7,170	61
Perry	207	213	247	15.79	6,101	6,326	7,491	50
Pike	532	585	624	6.81	6,625	7,196	7,699	42
Powell	51	55	63	14.68	4,693	4,934	5,643	98
Pulaski	268	282	322	14.17	5,784	6,141	7,069	64
Robertson	10	11	13	16.73	4,577	5,024	5,745	94
Rockcastle	57	61	70	13.23	4,034	4,404	4,948	113
Rowan	94	103	111	7.48	4,802	5,440	5,542	99
Russell	61	64	75	16.31	4,533	4,694	5,367	101
Scott	151	166	187	12.63	7,008	7,580	8,512	23
Shelby	162	177	201	13.16	7,087	7,579	8,519	22
Simpson	114	116	134	15.42	7,636	7,911	9,213	15
Spencer	38	40	47	19.03	6,206	6,747	7,817	40
Taylor	125	135	153	13.25	5,965	6,364	7,221	59
Todd	74	69	83	20.82	6,013	5,815	7,121	63
Trigg	64	65	76	16.44	6,716	6,961	8,172	31
Trimble	32	33	39	18.56	5,109	5,281	6,183	83
Union	136	141	163	16.28	7,567	7,876	9,366	14
Warren	485	518	601	16.01	6,848	7,188	8,141	32
Washington	58	63	72	13.81	5,435	5,881	6,774	71
Wayne	72	78	88	12.62	4,281	4,598	5,131	109
Webster	128	130	143	9.86	8,642	8,808	9,685	11
Whitley	201	214	228	6.55	6,057	6,414	6,863	67
Wolfe	27	30	33	11.86	3,966	4,426	4,970	111
Woodford	159	176	205	16.52	8,828	9,893	11,465	2
Louisiana	**30,791**	**35,765**	**40,995**	**14.62**	**7,439**	**8,472**	**9,517**	.....
Sum of SMSA counties	**21,372**	**24,938**	**28,568**	**14.55**	**8,155**	**9,313**	**10,460**	.....
Sum of non-SMSA counties	**9,420**	**10,827**	**12,427**	**14.78**	**6,203**	**7,013**	**7,882**	.....
Acadia	354	402	464	15.39	6,383	7,095	8,031	25
Allen	110	124	136	9.72	5,183	5,794	6,331	49
Ascension	328	381	440	15.35	6,800	7,534	8,535	20
Assumption	140	169	177	5.14	6,452	7,597	7,759	29
Avoyelles	190	210	239	13.69	4,585	5,076	5,755	58
Beauregard	175	199	218	9.69	5,982	6,671	7,033	40
Bienville	89	100	117	17.11	5,469	6,104	6,917	42
Bossier	521	597	687	15.04	6,555	7,367	8,270	22
Caddo	2,101	2,413	2,772	14.87	8,418	9,541	10,849	6
Calcasieu	1,324	1,561	1,820	16.56	8,121	9,287	10,549	8
Caldwell	52	59	67	13.43	5,030	5,451	6,188	50
Cameron	74	84	95	13.28	8,285	8,935	9,899	13
Catahoula	51	60	74	22.91	4,218	4,870	5,985	55
Claiborne	102	116	138	19.52	5,895	6,776	7,994	27
Concordia	145	159	175	10.23	6,366	6,888	7,396	34
De Soto	136	161	201	24.87	5,348	6,234	7,539	33
East Baton Rouge	3,127	3,734	4,145	11.03	8,716	10,136	11,020	5
East Carroll	54	63	68	7.31	4,655	5,359	5,869	56
East Feliciana	94	110	126	14.44	5,025	5,759	6,531	47
Evangeline	169	192	223	16.05	5,103	5,756	6,540	46
Franklin	111	116	128	10.69	4,652	4,791	5,198	62
Grant	74	83	92	10.52	4,522	4,967	5,317	60
Iberia	506	607	741	22.23	7,986	9,497	11,303	2
Iberville	224	258	292	13.22	6,991	7,994	8,902	19
Jackson	102	114	129	12.30	5,933	6,591	7,285	36
Jefferson	3,956	4,576	5,258	14.90	8,849	10,017	11,213	3
Jefferson Davis	193	215	252	17.67	6,091	6,647	7,681	30
Lafayette	1,358	1,657	2,057	24.11	9,292	10,972	13,284	1
Lafourche	580	689	806	17.00	7,175	8,308	9,413	15
La Salle	85	94	108	14.73	5,194	5,497	6,126	52
Lincoln	240	279	315	12.68	6,127	7,004	7,771	28
Livingston	360	435	499	14.75	6,455	7,300	8,027	26
Madison	64	67	77	15.21	4,269	4,525	4,679	64
Morehouse	205	228	249	9.39	5,918	6,526	6,987	41
Natchitoches	202	226	257	14.03	5,085	5,651	6,383	48
Orleans	4,821	5,552	6,291	13.32	8,658	9,964	11,155	4
Ouachita	917	1,021	1,147	12.35	6,692	7,305	8,120	24
Plaquemines	204	241	280	16.25	7,863	9,258	10,531	9
Pointe Coupee	148	162	186	14.85	6,165	6,719	7,601	32
Rapides	804	926	1,048	13.14	6,022	6,824	7,677	31
Red River	60	64	72	13.10	5,790	6,068	6,681	44
Richland	129	145	155	6.61	5,795	6,556	6,911	43
Sabine	101	111	126	13.78	4,021	4,351	4,892	63
St. Bernard	522	610	687	12.71	8,296	9,473	10,338	11
St. Charles	285	334	389	16.39	7,754	8,936	10,189	12
St. Helena	49	52	54	4.16	4,958	5,242	5,560	59
St. James	161	188	206	9.20	7,558	8,730	9,443	14
St. John the Baptist	213	254	285	12.22	6,846	7,880	8,523	21
St. Landry	450	533	621	16.53	5,394	6,323	7,204	38
St. Martin	215	251	303	20.93	5,502	6,185	7,259	37
St. Mary	530	608	703	15.77	8,250	9,421	10,735	7
St. Tammany	758	923	1,092	18.39	7,296	8,202	9,306	16
Tangipahoa	442	514	583	13.36	5,541	6,341	7,037	39
Tensas	48	47	52	10.57	5,709	5,502	6,126	53
Terrebonne	751	888	1,023	15.29	8,064	9,358	10,513	10
Union	118	128	144	12.43	5,734	6,010	6,668	45
Vermilion	343	390	460	17.98	7,190	8,018	9,189	17
Vernon	269	299	332	11.13	5,226	5,555	6,044	54
Washington	261	300	328	9.42	5,992	6,759	7,321	35
Webster	273	318	360	13.23	6,280	7,280	8,149	23
West Baton Rouge	129	151	172	14.29	6,842	7,877	8,914	18
West Carroll	56	62	68	9.93	4,323	4,806	5,224	61
West Feliciana	53	61	73	19.77	4,631	4,924	5,839	57
Winn	90	96	110	13.90	5,235	5,565	6,171	51
Maine	**7,787**	**8,647**	**9,663**	**11.75**	**6,922**	**7,677**	**8,530**	.....
Sum of SMSA counties	**4,567**	**5,100**	**5,658**	**10.93**	**7,367**	**8,197**	**9,026**	.....
Sum of non-SMSA counties	**3,219**	**3,547**	**4,005**	**12.91**	**6,375**	**7,034**	**7,914**	.....
Androscoggin	694	771	833	8.04	6,968	7,722	8,324	6
Aroostook	534	567	711	25.45	5,745	6,231	7,816	10
Cumberland	1,783	1,988	2,219	11.65	8,301	9,195	10,230	1
Franklin	163	183	199	8.62	6,101	6,753	7,150	14
Hancock	280	309	343	11.06	6,644	7,386	8,156	9
Kennebec	795	877	966	10.16	7,307	7,964	8,722	3
Knox	234	254	280	10.35	7,042	7,713	8,417	5
Lincoln	186	209	239	14.35	7,164	8,102	9,230	2
Oxford	306	345	367	6.62	6,331	7,010	7,521	11
Penobscot	934	1,028	1,137	10.58	6,812	7,503	8,219	8
Piscataquis	105	117	131	11.86	5,932	6,608	7,376	13
Sagadahoc	192	217	236	8.81	6,663	7,510	8,237	7
Somerset	259	289	338	17.16	5,721	6,404	7,389	12
Waldo	162	177	191	7.91	5,663	6,213	6,716	16
Washington	196	220	239	8.27	5,547	6,300	6,949	15
York	964	1,096	1,232	12.42	6,905	7,816	8,629	4
Maryland	**39,359**	**43,930**	**48,822**	**11.13**	**9,319**	**10,397**	**11,452**	.....
Sum of SMSA counties	**35,982**	**40,205**	**44,569**	**10.86**	**9,578**	**10,719**	**11,790**	.....
Sum of non-SMSA counties	**3,377**	**3,726**	**4,253**	**14.14**	**7,233**	**7,851**	**8,806**	.....
Allegany	551	610	663	8.80	6,798	7,559	8,230	19
Anne Arundel	3,376	3,775	4,202	11.32	9,150	10,141	11,092	6
Baltimore	6,446	7,269	8,027	10.41	9,907	11,056	12,156	4
Calvert	264	298	339	13.86	7,846	8,478	9,280	13
Caroline	155	166	190	14.45	6,715	7,167	7,930	21
Carroll	790	880	968	10.00	8,345	9,043	9,782	9
Cecil	401	448	521	16.31	6,751	7,356	8,463	18
Charles	556	630	719	14.10	7,801	8,576	9,319	12
Dorchester	219	236	263	11.20	7,033	7,726	8,730	16
Frederick	897	1,002	1,137	13.53	7,998	8,680	9,412	11
Garrett	151	169	189	12.17	5,774	6,330	7,077	23
Harford	1,154	1,318	1,469	11.48	7,926	8,991	10,029	7
Howard	1,219	1,373	1,534	11.70	10,488	11,482	12,470	3
Kent	124	133	151	13.61	7,347	7,935	9,182	14
Montgomery	7,923	8,943	9,955	11.32	13,619	15,430	16,966	1
Prince Georges	6,269	6,998	7,763	10.92	9,418	10,516	11,602	5
Queen Annes	176	184	213	15.50	6,980	7,170	8,011	20
St. Marys	346	393	453	15.11	5,913	6,505	7,429	22
Somerset	106	112	130	15.36	5,551	5,857	6,924	24
Talbot	247	279	325	16.65	9,656	10,858	12,611	2
Washington	878	934	1,024	9.61	7,734	8,243	9,074	15
Wicomico	458	499	566	13.50	7,138	7,695	8,707	17
Worcester	233	255	297	16.54	7,497	8,218	9,490	10
Baltimore-Independent city	6,419	7,026	7,724	9.93	7,946	8,960	9,842	8
Massachusetts	**51,532**	**57,729**	**64,244**	**11.29**	**8,968**	**10,052**	**11,127**	.....
Sum of SMSA counties	**49,599**	**55,551**	**61,768**	**11.19**	**8,984**	**10,072**	**11,141**	.....
Sum of non-SMSA counties	**1,933**	**2,178**	**2,476**	**13.67**	**8,580**	**9,571**	**10,811**	.....
Barnstable	1,337	1,516	1,739	14.71	9,144	10,171	11,493	5
Berkshire	1,180	1,295	1,436	10.84	8,111	8,929	9,981	9
Bristol	3,579	3,912	4,314	10.27	7,561	8,219	9,047	13

See footnotes at end of table.

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years—Continued

Area title	Total personal income: Millions of dollars 1979	1980	1981	Percent change 1980–81	Per capita personal income: Dollars 1979	1980	1981	Rank in State 1981
Dukes	72	81	92	13.22	7,842	9,057	10,124	7
Essex	5,855	6,619	7,400	11.79	9,248	10,429	11,554	4
Franklin	475	523	579	10.59	7,351	8,119	9,122	12
Hampden	3,705	4,098	4,473	9.15	8,344	9,251	10,078	8
Hampshire	967	1,068	1,189	11.36	6,980	7,670	8,514	14
Middlesex	13,924	15,747	17,726	12.57	10,157	11,517	12,936	2
Nantucket	49	57	66	14.98	9,318	11,330	12,767	3
Norfolk	6,500	7,324	8,209	12.08	10,679	12,079	13,437	1
Plymouth	3,268	3,661	4,011	9.55	8,076	8,993	9,778	10
Suffolk	5,412	6,057	6,682	10.31	8,286	9,321	10,145	6
Worcester	5,210	5,769	6,329	9.72	8,026	8,919	9,740	11
Michigan	**85,982**	**91,653**	**99,017**	**8.03**	**9,297**	**9,903**	**10,758**	.....
Sum of SMSA counties	**74,758**	**79,427**	**85,599**	**7.77**	**9,770**	**10,374**	**11,250**	.....
Sum of non-SMSA counties	**11,224**	**12,226**	**13,418**	**9.75**	**7,028**	**7,648**	**8,411**	.....
Alcona	55	61	69	13.29	5,719	6,236	7,025	74
Alger	53	57	63	10.59	5,598	6,174	6,934	76
Allegan	566	606	672	10.86	6,996	7,407	8,205	50
Alpena	238	257	274	6.99	7,354	7,940	8,450	44
Antrim	111	123	134	8.95	6,773	7,620	8,232	48
Arenac	90	97	107	10.16	6,187	6,547	7,226	69
Baraga	55	59	64	8.25	6,304	7,000	7,568	62
Barry	317	343	367	7.06	6,991	7,458	7,913	54
Bay	999	1,076	1,190	10.60	8,255	9,007	10,048	14
Benzie	73	78	87	11.82	6,536	6,940	7,740	57
Berrien	1,379	1,458	1,594	9.33	7,942	8,536	9,501	23
Branch	321	328	355	8.14	7,826	8,178	8,844	34
Calhoun	1,273	1,353	1,466	8.38	8,946	9,587	10,497	10
Cass	391	419	449	7.25	7,887	8,449	9,174	27
Charlevoix	144	156	170	8.94	7,298	7,810	8,636	39
Cheboygan	134	148	159	7.36	6,618	7,143	7,717	58
Chippewa	169	186	212	13.60	5,608	6,494	7,562	63
Clare	143	153	170	11.26	6,131	6,380	6,998	75
Clinton	452	511	554	8.43	8,033	9,142	9,850	15
Crawford	51	58	65	12.11	5,390	6,071	6,798	78
Delta	262	289	322	11.63	6,680	7,424	8,357	46
Dickinson	216	232	247	6.48	8,392	9,175	9,763	16
Eaton	720	774	854	10.27	8,182	8,733	9,638	20
Emmet	174	193	211	9.27	7,597	8,399	9,099	30
Genesee	4,352	4,559	5,059	10.97	9,647	10,132	11,296	5
Gladwin	116	129	140	8.69	5,815	6,423	7,037	73
Gogebic	127	142	157	10.04	6,280	7,283	8,022	52
Grand Traverse	458	513	569	10.92	8,554	9,265	10,160	13
Gratiot	314	350	369	5.50	7,786	8,660	9,147	28
Hillsdale	306	313	351	12.38	7,405	7,426	8,479	42
Houghton	218	247	275	11.15	5,728	6,542	7,301	68
Huron	279	314	338	7.76	7,587	8,624	9,356	26
Ingham	2,532	2,709	3,038	12.13	9,397	9,940	11,062	6
Ionia	342	374	407	8.89	6,638	7,210	7,837	55
Iosco	188	203	225	10.65	6,499	7,186	7,968	53
Iron	95	105	119	12.81	6,765	7,748	8,601	40
Isabella	319	354	410	15.84	5,831	6,541	7,687	59
Jackson	1,265	1,336	1,459	9.24	8,332	8,830	9,758	17
Kalamazoo	1,927	2,108	2,321	10.09	9,163	9,917	10,852	7
Kalkaska	64	70	83	18.61	5,960	6,239	7,369	67
Kent	3,974	4,293	4,755	10.77	9,069	9,631	10,586	9
Keweenaw	12	13	15	14.25	6,043	6,840	7,657	60
Lake	39	45	50	11.88	4,964	5,773	6,529	80
Lapeer	544	572	626	9.46	7,882	8,123	8,892	32
Leelanau	101	111	125	11.79	7,111	7,931	8,660	38
Lenawee	742	788	845	7.27	8,188	8,771	9,525	22
Livingston	815	887	968	9.13	8,435	8,742	9,464	25
Luce	51	57	62	7.73	7,344	8,696	9,698	18
Mackinac	68	75	86	15.04	6,654	7,404	8,507	41
Macomb	7,308	7,613	7,994	5.00	10,596	10,944	11,430	4
Manistee	158	173	190	9.57	6,858	7,522	8,369	45
Marquette	550	583	636	9.10	7,273	7,887	8,752	35
Mason	171	185	202	9.23	6,675	6,983	7,505	65
Mecosta	174	210	218	4.00	4,790	5,661	5,929	82
Menominee	178	191	212	10.92	6,709	7,310	8,060	51
Midland	681	718	787	9.57	9,306	9,744	10,750	8
Missaukee	53	59	65	10.73	5,350	5,834	6,309	81
Monroe	1,139	1,217	1,363	12.01	8,480	9,025	10,163	12
Moncalm	313	377	423	12.02	6,648	7,913	8,686	37
Montmorency	46	51	56	9.37	6,031	6,835	7,500	66
Muskegon	1,231	1,320	1,435	8.73	7,789	8,383	9,123	29
Newaygo	212	228	254	11.32	6,132	6,508	7,206	70
Oakland	12,383	13,155	14,250	8.33	12,268	12,992	14,126	1
Oceana	136	146	156	7.22	6,130	6,638	7,170	71
Ogemaw	90	99	109	10.18	5,573	6,012	6,756	79
Ontonagon	57	62	71	13.22	5,581	6,400	7,131	72
Osceola	103	118	130	10.34	5,526	6,227	6,873	77
Oscoda	31	33	37	11.02	4,623	4,815	5,183	83
Otsego	110	120	132	9.90	7,503	7,968	8,723	36
Ottawa	1,333	1,401	1,542	10.08	8,632	8,868	9,655	19
Presque Isle	85	95	108	13.65	5,912	6,667	7,646	61
Roscommon	98	112	128	13.74	5,983	6,815	7,514	64
Saginaw	2,064	2,179	2,368	8.68	9,101	9,561	10,485	11
St. Clair	1,097	1,175	1,308	11.35	7,896	8,462	9,481	24
St. Joseph	431	464	505	8.93	7,788	8,247	8,869	33
Sanilac	283	303	333	9.90	6,984	7,423	8,237	47
Schoolcraft	55	61	68	11.56	6,321	7,188	8,230	49
Shiawassee	598	629	676	7.49	8,373	8,835	9,574	21
Tuscola	441	477	510	6.99	7,837	8,354	9,007	31
Van Buren	469	513	565	10.15	7,114	7,657	8,462	43
Washtenaw	2,549	2,792	3,031	8.56	9,698	10,532	11,462	3
Wayne	23,560	24,935	26,252	5.28	10,012	10,712	11,486	2
Wexford	163	179	198	10.71	6,553	7,087	7,768	56
Minnesota	**35,935**	**39,590**	**44,060**	**11.29**	**8,899**	**9,697**	**10,762**	.....
Sum of SMSA counties	**25,353**	**28,307**	**31,322**	**10.65**	**9,749**	**10,735**	**11,805**	.....
Sum of non-SMSA counties	**10,582**	**11,284**	**12,738**	**12.89**	**7,361**	**7,805**	**8,840**	.....
Aitkin	71	77	87	12.95	5,440	5,713	6,516	82
Anoka	1,828	2,025	2,205	8.87	9,536	10,276	10,765	15
Becker	163	180	203	13.16	5,559	6,118	6,739	81
Beltrami	156	174	197	12.94	5,159	5,607	6,063	86
Benton	172	187	214	14.02	6,943	7,411	8,202	60
Big Stone	54	57	67	18.20	7,034	7,417	8,686	52
Blue Earth	423	450	501	11.49	8,176	8,591	9,676	29
Brown	236	249	281	12.94	8,203	8,700	9,966	25
Carlton	199	214	235	9.85	6,522	7,141	7,710	73
Carver	283	316	356	12.63	7,676	8,513	9,546	32
Cass	120	132	147	11.32	5,792	6,226	6,953	79
Chippewa	110	113	130	14.78	7,277	7,613	8,857	48
Chisago	164	184	210	13.94	6,505	7,104	7,868	68
Clay	347	395	433	9.50	7,068	8,013	8,752	50
Clearwater	39	42	48	14.28	4,526	4,827	5,421	87
Cook	29	30	34	11.74	7,117	7,306	7,871	67
Cottonwood	132	134	153	13.77	8,702	9,079	10,503	19
Crow Wing	267	292	327	12.19	6,545	6,967	7,834	69
Dakota	1,874	2,080	2,303	10.71	9,832	10,656	11,586	9
Dodge	113	116	132	13.22	7,773	7,831	9,009	45
Douglas	179	195	220	12.83	6,527	6,985	7,890	66
Faribault	155	152	177	16.26	7,952	7,752	9,268	37
Fillmore	167	176	202	14.30	7,562	8,050	9,082	40
Freeborn	315	328	370	12.62	8,586	9,070	10,267	22
Goodhue	306	337	375	11.29	7,934	8,695	9,793	27
Grant	48	51	63	24.25	6,608	7,070	8,731	51
Hennepin	10,434	11,797	13,033	10.48	11,198	12,523	13,801	1
Houston	132	142	158	11.38	6,845	7,191	8,431	57
Hubbard	71	78	88	12.43	5,232	5,519	6,112	85
Isanti	146	162	176	8.54	6,357	6,833	7,258	77
Itasca	280	302	333	10.22	6,659	6,998	7,658	74
Jackson	126	125	144	15.73	9,024	9,145	10,671	16
Kanabec	75	81	90	11.84	6,326	6,604	7,318	76
Kandiyohi	263	280	314	12.31	7,307	7,575	8,452	56
Kittson	55	78	86	10.56	7,966	11,700	13,074	2
Koochiching	113	123	135	10.52	6,437	6,983	7,782	70
Lac Qui Parle	93	95	110	15.55	8,668	8,977	10,540	18
Lake	99	98	102	3.69	7,695	7,532	8,203	59
Lake of the Woods	23	25	29	16.24	5,823	6,737	7,743	71
Le Sueur	188	200	216	8.12	8,058	8,536	9,320	35
Lincoln	54	56	65	17.37	6,629	6,806	8,109	63
Lyon	201	212	244	15.15	8,008	8,401	9,587	31
McLeod	262	278	314	12.89	8,960	9,379	10,629	17
Mahnomen	38	42	49	17.39	6,831	7,625	8,815	49
Marshall	103	139	152	9.73	7,806	10,727	12,136	4
Martin	234	246	288	16.97	9,494	9,970	11,609	8
Meeker	155	163	182	11.60	7,483	7,933	8,949	46
Mille Lacs	124	135	152	11.97	6,744	7,336	8,106	64
Morrison	157	169	188	11.44	5,434	5,755	6,469	83
Mower	340	357	399	11.80	8,236	8,908	10,144	24
Murray	109	111	128	15.68	9,436	9,658	11,644	7
Nicollet	205	216	242	12.29	7,679	8,006	9,045	43
Nobles	194	205	232	13.06	8,813	9,428	10,841	14
Norman	77	90	108	19.26	8,226	9,666	11,800	6
Olmsted	885	992	1,102	11.10	9,652	10,776	11,976	5
Otter Tail	316	345	400	16.15	6,164	6,616	7,730	72
Pennington	123	130	137	5.29	8,019	8,558	9,044	44
Pine	116	125	144	15.03	5,938	6,289	7,096	78
Pipestone	89	90	101	12.85	7,543	7,707	8,657	53
Polk	263	303	352	16.20	7,514	8,718	10,195	23
Pope	78	82	93	13.09	6,713	7,078	8,114	62
Ramsey	4,639	5,168	5,718	10.64	10,180	11,239	12,493	3
Red Lake	40	44	50	14.26	7,152	8,132	9,313	36
Redwood	173	173	203	17.21	8,951	8,970	10,905	12
Renville	183	187	219	17.00	8,984	9,207	11,085	11
Rice	333	365	410	12.35	7,261	7,904	8,884	47
Rock	105	106	121	14.00	9,919	9,966	11,100	10
Roseau	99	105	116	9.65	7,915	8,386	9,404	33
St. Louis	1,825	1,946	2,139	9.95	8,263	8,756	9,737	28
Scott	342	377	419	11.22	7,920	8,571	9,053	42
Sherburne	212	236	268	13.91	7,344	7,790	8,454	55
Sibley	131	132	149	12.77	8,530	8,557	9,627	30
Stearns	705	775	864	11.50	6,550	7,158	8,033	65
Steele	283	303	331	9.18	9,396	9,999	10,878	13
Stevens	81	87	103	18.65	7,354	7,665	9,265	38
Swift	82	82	96	16.98	6,341	6,375	7,433	75
Todd	127	138	157	13.98	5,109	5,512	6,256	84
Traverse	33	36	45	26.43	5,815	6,532	8,420	58
Wabasha	146	159	177	11.25	7,499	8,210	9,064	41
Wadena	80	86	97	12.39	5,657	6,084	6,845	80
Waseca	149	157	180	14.63	8,183	8,468	9,932	26
Washington	998	1,099	1,224	11.35	8,977	9,626	10,433	20
Watonwan	112	111	127	14.55	9,281	8,971	10,417	21

See footnotes at end of table.

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years—Continued

Area title	Total personal income: Millions of dollars 1979	1980	1981	Percent change[1] 1980–81	Per capita personal income: Dollars 1979	1980	1981	Rank in State 1981
Wilkin	56	62	77	24.06	6,872	7,399	9,186	39
Winona	338	360	398	10.71	7,289	7,788	8,600	54
Wright	382	427	483	13.18	6,757	7,172	8,179	61
Yellow Medicine	109	108	128	18.01	8,038	7,951	9,393	34
Mississippi	**15,358**	**16,807**	**18,752**	**11.57**	**6,124**	**6,663**	**7,409**	.....
Sum of SMSA counties	**4,920**	**5,460**	**6,111**	**11.91**	**7,263**	**7,961**	**8,857**	.....
Sum of non-SMSA counties	**10,438**	**11,347**	**12,641**	**11.41**	**5,702**	**6,178**	**6,866**	.....
Adams	266	296	334	13.16	7,058	7,774	8,488	4
Alcorn	205	225	251	11.20	6,322	6,792	7,664	12
Amite	66	71	79	11.36	5,035	5,293	5,755	68
Attala	97	103	112	8.81	4,900	5,207	5,666	71
Benton	37	39	43	10.87	4,561	4,747	5,475	74
Bolivar	235	252	272	7.98	5,086	5,490	6,007	60
Calhoun	81	84	92	9.36	5,239	5,390	5,791	65
Carrol	38	37	44	16.91	3,779	3,835	4,298	81
Chickasaw	105	107	120	12.87	5,844	5,987	6,797	31
Choctaw	44	47	52	11.55	4,881	5,242	5,711	70
Claiborne	69	66	79	18.74	5,602	5,440	6,377	44
Clarke	96	106	118	11.17	5,688	6,275	6,989	24
Clay	128	137	151	10.64	6,082	6,490	7,051	22
Coahoma	204	223	247	10.57	5,498	6,074	6,847	30
Copiah	139	152	167	9.28	5,298	5,752	6,425	40
Covington	87	94	105	10.94	5,610	5,904	6,471	39
De Soto	343	373	414	11.02	6,463	6,879	7,675	11
Forrest	438	491	544	10.96	6,718	7,425	8,264	7
Franklin	41	44	49	10.90	5,093	5,372	5,975	61
George	79	84	90	7.66	5,231	5,465	5,785	66
Greene	40	43	45	4.64	4,128	4,356	4,649	80
Grenada	127	135	149	10.77	6,035	6,411	7,166	21
Hancock	119	138	156	12.85	5,034	5,569	6,070	55
Harrison	989	1,145	1,305	14.02	6,308	7,254	8,206	8
Hinds	2,203	2,448	2,696	10.13	8,847	9,734	10,721	1
Holmes	100	104	116	11.91	4,289	4,532	5,104	77
Humphreys	71	74	81	9.28	5,056	5,309	5,757	67
Issaquena	15	9	11	23.08	5,985	3,583	4,271	82
Itawamba	109	119	134	12.78	5,435	5,758	6,509	37
Jackson	776	818	922	12.66	6,558	6,943	7,755	10
Jasper	94	105	121	14.60	5,397	6,103	6,960	26
Jefferson	52	52	60	16.04	5,640	5,665	6,602	35
Jefferson Davis	64	70	77	9.92	4,663	5,076	5,616	72
Jones	406	458	519	13.45	6,556	7,393	8,367	5
Kemper	44	47	52	11.05	4,265	4,595	5,040	78
Lafayette	157	174	192	10.17	5,047	5,608	6,159	51
Lamar	115	128	145	13.64	4,954	5,306	6,057	56
Lauderdale	523	581	641	10.25	6,798	7,515	8,367	6
Lawrence	60	67	74	10.65	4,863	5,298	5,867	63
Leake	98	105	121	14.70	5,188	5,591	6,387	43
Lee	412	450	493	9.74	7,372	7,857	8,621	3
Leflore	247	265	296	11.62	5,959	6,388	6,971	25
Lincoln	173	187	205	9.70	5,800	6,187	6,739	33
Lowndes	363	407	449	10.48	6,272	7,105	7,831	9
Madison	207	223	255	14.07	5,049	5,340	5,954	62
Marion	133	152	169	11.57	5,148	5,893	6,336	46
Marshall	122	130	143	10.03	4,200	4,441	4,860	79
Monroe	212	231	263	13.73	5,782	6,345	7,228	20
Montgomery	64	68	75	10.32	4,863	5,081	5,486	73
Neshoba	130	141	157	11.46	5,467	5,921	6,502	38
Newton	116	126	142	12.97	5,803	6,335	7,345	17
Noxubee	65	61	69	13.95	4,825	4,626	5,256	76
Oktibbeha	196	220	248	12.64	5,536	6,111	6,861	29
Panola	147	155	171	10.41	5,272	5,480	6,008	59
Pearl River	188	210	237	13.22	5,649	6,174	6,919	28
Perry	53	55	60	8.26	5,306	5,603	6,288	47
Pike	196	216	239	10.87	5,441	5,961	6,577	36
Pontotoc	115	119	133	11.95	5,497	5,656	6,287	49
Prentiss	126	135	150	11.62	5,225	5,594	6,287	48
Quitman	63	65	75	15.93	4,941	5,154	6,125	52
Rankin	425	473	544	14.99	6,334	6,749	7,658	13
Scott	130	139	158	13.57	5,308	5,668	6,411	41
Sharkey	44	41	50	22.00	5,369	5,216	6,396	42
Simpson	138	145	161	11.07	5,898	6,174	6,747	32
Smith	76	81	91	12.52	5,051	5,371	6,105	54
Stone	65	66	75	13.18	6,821	6,762	7,424	16
Sunflower	178	191	209	9.43	5,127	5,486	6,009	58
Tallahatchie	79	80	89	11.66	4,539	4,658	5,308	75
Tate	115	123	135	9.57	5,637	6,141	6,674	34
Tippah	101	112	129	14.98	5,350	5,993	6,959	27
Tishomingo	103	119	137	14.94	5,680	6,405	7,345	18
Tunica	48	49	55	13.81	4,987	5,052	5,731	69
Union	126	139	158	13.83	5,829	6,395	7,270	19
Walthall	68	72	80	11.92	4,954	5,206	5,807	64
Warren	384	425	465	9.36	7,535	8,211	9,056	2
Washington	448	502	549	9.39	6,117	6,955	7,505	14
Wayne	91	102	115	12.61	4,803	5,310	6,048	57
Webster	59	63	71	11.93	5,597	6,166	7,024	23
Wilkinson	52	58	66	13.88	5,151	5,784	6,338	45
Winston	103	110	124	12.52	5,260	5,688	6,117	53
Yalobusha	64	72	80	10.50	4,912	5,482	6,217	50
Yazoo	174	182	202	11.12	6,329	6,666	7,454	15
Missouri	**39,921**	**42,848**	**47,697**	**11.32**	**8,165**	**8,702**	**9,654**	.....
Sum of SMSA counties	**28,884**	**31,531**	**34,844**	**10.51**	**9,027**	**9,811**	**10,799**	.....
Sum of non-SMSA counties	**11,037**	**11,317**	**12,853**	**13.57**	**6,532**	**6,619**	**7,498**	.....
Adair	163	171	192	12.64	6,656	6,849	7,598	58
Andrew	99	93	110	17.50	7,161	6,671	7,599	57
Atchison	92	64	105	62.81	10,413	7,533	11,920	2
Audrain	227	225	254	12.58	8,830	8,492	9,600	13
Barry	145	161	181	12.31	5,989	6,573	7,368	63
Barton	76	76	84	10.00	6,760	6,716	7,447	62
Bates	117	119	129	8.99	7,448	7,473	8,305	37
Benton	67	69	77	11.50	6,013	5,587	7,056	74
Bollinger	43	43	47	10.22	4,191	4,118	4,574	113
Boone	732	812	894	10.09	7,491	8,049	8,750	26
Buchanan	668	732	815	11.26	7,555	8,343	9,340	14
Butler	208	228	252	10.62	5,501	6,045	6,356	92
Caldwell	60	56	67	20.13	6,832	6,437	7,911	47
Callaway	237	254	283	11.57	7,535	7,814	8,865	22
Camden	119	132	153	15.83	6,086	6,581	7,645	54
Cape Girardeau	438	465	520	11.93	7,621	7,858	8,712	28
Carroll	113	98	119	20.99	9,344	8,067	9,950	10
Carter	21	23	25	10.60	3,721	4,163	4,416	114
Cass	384	417	468	12.21	7,734	8,141	9,181	18
Cedar	60	65	73	13.62	5,199	5,380	6,113	97
Chariton	105	90	109	20.66	9,674	8,621	10,427	5
Christian	130	143	163	13.83	5,880	6,357	7,188	72
Clark	63	48	66	35.84	7,667	5,667	7,823	51
Clay	1,235	1,324	1,484	12.11	9,039	9,696	10,760	3
Clinton	113	109	126	15.96	7,231	6,798	8,006	45
Cole	461	516	577	11.92	8,455	9,044	9,918	11
Cooper	120	121	132	8.50	8,301	8,263	8,925	20
Crawford	98	108	123	13.38	5,520	5,869	6,816	84
Dade	44	46	50	8.88	5,966	6,247	6,871	82
Dallas	55	63	73	15.93	4,620	5,187	6,078	100
Daviess	64	54	65	20.39	7,200	6,055	7,291	65
De Kalb	57	50	58	15.99	6,789	6,112	6,973	80
Dent	71	80	89	10.80	4,865	5,486	6,080	99
Douglas	45	50	56	12.92	4,029	4,245	4,802	111
Dunklin	197	216	234	8.48	5,323	5,977	6,435	90
Franklin	522	558	625	12.08	7,335	7,798	8,788	24
Gasconade	84	91	103	13.17	6,441	6,876	7,738	53
Gentry	62	57	69	22.24	7,749	7,186	8,849	23
Greene	1,394	1,554	1,726	11.11	7,600	8,360	9,187	17
Grundy	95	89	100	11.53	7,760	7,481	8,477	34
Harrison	73	62	77	24.42	7,320	6,297	7,859	50
Henry	152	153	167	9.35	7,765	7,757	8,546	32
Hickory	28	31	35	13.52	4,586	4,823	5,567	103
Holt	67	49	69	41.85	9,563	7,071	10,116	9
Howard	72	71	80	11.75	7,304	7,105	8,039	42
Howell	148	165	181	10.04	5,153	5,711	6,133	96
Iron	69	77	80	3.89	6,110	6,964	7,032	75
Jackson	5,721	6,180	6,605	6.87	9,055	9,830	10,514	4
Jasper	615	670	745	11.11	7,105	7,690	8,480	33
Jefferson	959	1,049	1,169	11.49	6,647	7,090	8,009	44
Johnson	240	243	274	12.90	6,207	6,201	7,129	73
Knox	49	35	48	34.77	8,783	6,456	8,885	21
Laclede	136	154	172	11.99	5,609	6,311	7,006	76
Lafayette	248	246	277	12.68	8,490	8,195	9,284	15
Lawrence	169	183	200	9.54	5,863	6,286	6,991	77
Lewis	78	72	91	26.55	7,276	6,615	8,211	41
Lincoln	159	156	182	16.67	7,426	6,963	8,334	36
Linn	118	115	131	14.59	7,406	7,391	8,367	35
Livingston	143	139	159	14.87	8,970	8,845	10,188	8
McDonald	68	72	81	12.81	4,500	4,856	5,553	104
Macon	118	109	124	14.01	7,351	6,645	7,236	68
Madison	51	57	65	13.95	4,705	5,293	5,990	101
Maries	38	39	41	5.15	4,852	5,140	5,304	108
Marion	211	218	247	13.17	7,477	7,593	8,606	31
Mercer	35	26	36	38.55	7,717	5,580	7,199	71
Miller	116	128	140	9.78	6,324	6,875	7,491	60
Mississippi	96	90	105	17.20	6,075	5,739	6,766	85
Moniteau	78	86	94	8.94	6,645	7,098	7,624	55
Monroe	81	74	88	18.46	8,342	7,639	9,210	16
Montgomery	87	82	99	20.93	7,593	7,070	8,626	30
Morgan	72	78	85	9.08	5,282	5,638	6,107	98
New Madrid	124	122	143	16.80	5,414	5,363	6,162	94
Newton	216	238	285	19.38	5,378	5,855	6,990	78
Nodaway	166	148	185	24.89	7,534	6,753	8,285	38
Oregon	46	49	53	8.69	4,449	4,782	5,176	110
Osage	69	72	79	9.51	5,727	5,971	6,587	88
Ozark	35	40	45	11.04	4,405	5,082	5,370	107
Pemiscot	138	145	160	10.54	5,550	5,800	6,363	91
Perry	113	119	132	11.29	6,762	7,067	7,801	52
Pettis	261	268	298	11.08	7,140	7,364	8,280	39
Phelps	201	221	247	11.88	6,019	6,565	7,254	66
Pike	137	126	150	18.40	7,781	7,196	8,633	29
Platte	408	430	487	13.26	8,834	9,239	10,218	7
Polk	101	108	120	11.21	5,361	5,738	6,335	93
Pulaski	202	231	245	5.99	4,779	5,545	5,761	102
Putnam	38	32	41	27.33	6,063	5,286	6,589	87
Ralls	60	53	64	20.33	6,971	5,952	7,213	70
Randolph	178	182	205	12.46	7,190	7,129	7,874	48
Ray	148	152	174	14.60	7,071	7,054	8,222	40
Reynolds	36	43	46	6.37	5,130	5,902	6,161	95
Ripley	47	52	58	12.83	3,839	4,142	4,642	112

See footnotes at the end of table.

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years—Continued

Area title	Total personal income: Millions of dollars 1979	1980	1981	Percent change 1980–81	Per capita personal income: Dollars 1979	1980	1981	Rank in State 1981
St. Charles	1,070	1,182	1,362	15.18	7,748	8,155	9,104	19
St. Clair	51	51	56	9.63	6,168	5,915	6,671	86
St. Genevieve	102	103	111	7.96	6,741	6,773	7,223	69
St. Francois	265	296	329	11.20	6,427	6,889	7,608	56
St. Louis	10,791	11,794	13,135	11.37	11,108	12,088	13,319	1
Saline	218	215	251	16.36	8,765	8,609	9,838	12
Schuyler	32	29	36	22.46	6,503	5,875	7,466	61
Scotland	46	34	47	39.69	8,138	6,296	8,725	27
Scott	248	260	285	9.47	6,362	6,536	7,242	67
Shannon	32	37	41	12.45	4,149	4,635	5,177	109
Shelby	66	56	68	20.21	8,274	7,206	8,765	25
Stoddard	170	163	200	22.46	5,946	5,616	6,986	79
Stone	85	98	110	12.19	5,669	6,200	6,868	83
Sullivan	53	46	56	21.15	7,056	6,239	7,868	49
Taney	128	145	166	14.19	6,286	7,051	7,953	46
Texas	98	110	118	7.43	4,709	5,201	5,548	105
Vernon	128	136	150	10.33	6,564	6,836	7,536	59
Warren	109	114	125	9.34	7,425	7,637	8,018	43
Washington	79	89	100	11.57	4,480	4,959	5,451	106
Wayne	42	45	51	12.03	3,752	4,033	4,351	115
Webster	107	122	138	13.03	5,390	5,924	6,928	81
Worth	21	17	23	32.64	6,571	5,764	7,294	64
Wright	87	94	104	10.60	5,491	5,814	6,466	89
St. Louis-Independent City	3,794	4,203	4,598	9.42	8,294	9,329	10,336	6
Montana	**6,024**	**6,637**	**7,460**	**12.39**	**7,633**	**8,420**	**9,412**	.....
Sum of SMSA counties	**1,637**	**1,781**	**1,978**	**11.07**	**8,506**	**9,455**	**10,454**	.....
Sum of non-SMSA counties	**4,386**	**4,857**	**5,482**	**12.87**	**7,351**	**8,095**	**9,085**	.....
Beaverhead	69	72	74	3.36	8,662	8,732	9,101	25
Big Horn	75	85	88	3.33	6,821	7,713	7,742	45
Blaine	40	45	54	19.48	5,580	6,442	7,608	48
Broadwater	21	21	25	17.48	6,330	6,425	7,756	44
Carbon	56	62	70	13.22	6,688	7,681	8,413	36
Carter	12	13	14	3.62	6,598	7,446	8,148	41
Cascade	674	716	780	9.00	7,977	8,951	9,779	21
Chouteau	40	51	67	31.53	6,584	8,347	11,121	4
Custer	111	125	133	6.58	8,403	9,481	9,928	18
Daniels	19	24	28	16.65	6,650	8,399	10,307	13
Dawson	88	104	123	18.65	7,402	8,763	10,009	15
Deer Lodge	87	86	90	3.79	6,690	6,958	7,516	49
Fallon	27	34	38	13.82	6,902	8,991	10,614	9
Fergus	95	103	117	13.95	7,259	7,812	9,001	28
Flathead	400	421	466	10.62	7,770	8,045	8,982	29
Gallatin	289	318	364	14.16	6,884	7,368	8,390	37
Garfield	11	13	14	3.28	6,558	8,246	8,429	35
Glacier	89	103	113	10.37	8,569	9,639	10,422	11
Golden Valley	8	8	8	−2.01	7,959	7,800	7,413	52
Granite	20	21	21	2.54	7,358	7,738	7,726	46
Hill	133	148	175	18.51	7,345	8,225	9,707	22
Jefferson	45	50	56	12.14	6,196	7,152	7,857	43
Judith Basin	17	18	20	10.25	6,290	6,741	6,901	54
Lake	105	113	132	17.40	5,634	5,878	6,843	55
Lewis and Clark	370	416	465	11.80	8,718	9,597	10,570	10
Liberty	21	26	33	23.53	8,958	11,341	13,680	2
Lincoln	117	121	135	11.82	6,521	6,775	7,654	47
McCone	18	23	27	18.84	6,512	8,331	10,401	12
Madison	37	39	47	20.46	6,730	7,205	8,092	42
Meagher	19	18	18	−.87	8,349	8,625	8,301	39
Mineral	26	27	29	8.31	6,964	7,274	8,432	34
Missoula	583	637	681	7.04	7,873	8,302	8,865	31
Musselshell	36	40	45	13.85	7,798	8,987	9,991	16
Petroleum	6	5	5	−5.46	8,487	7,792	7,021	53
Phillips	35	41	49	19.01	6,740	7,689	9,087	26
Pondera	46	54	66	23.21	6,748	8,028	9,970	17
Powder River	20	22	26	17.25	8,040	8,758	10,671	8
Powell	54	57	63	9.73	7,501	8,267	9,283	24
Prairie	11	14	16	15.89	5,620	7,632	8,675	33
Ravalli	142	154	175	13.81	6,518	6,749	7,500	50
Richland	93	118	148	25.33	7,905	9,494	10,957	5
Roosevelt	66	75	90	19.00	6,497	7,173	8,388	38
Rosebud	61	79	96	22.25	6,314	7,823	9,025	27
Sanders	57	60	64	7.35	6,374	6,851	7,478	51
Sheridan	40	51	66	27.48	7,204	9,498	11,720	3
Silver Bow	306	333	366	9.97	7,775	8,798	9,908	19
Stillwater	37	42	48	14.64	6,409	7,534	8,752	32
Sweet Grass	25	25	30	17.75	7,619	7,874	8,910	30
Teton	47	54	65	20.19	6,971	8,342	9,883	20
Toole	57	66	83	24.50	10,332	11,957	15,269	1
Treasure	7	8	10	14.42	6,689	8,768	9,561	23
Valley	74	82	100	21.55	6,858	8,108	10,175	14
Wheatland	20	21	22	4.61	8,646	8,829	10,682	7
Wibaux	7	10	11	8.82	4,656	6,710	6,825	56
Yellowstone	963	1,065	1,198	12.47	8,920	9,827	10,946	6
Park (incl. Yellowstone National Park)	92	101	115	13.43	7,114	7,806	8,273	40
Nebraska	**13,506**	**14,072**	**16,344**	**16.15**	**8,633**	**8,954**	**10,366**	.....
Sum of SMSA counties	**6,294**	**6,890**	**7,623**	**10.65**	**9,097**	**9,927**	**11,015**	.....
Sum of non-SMSA counties	**7,212**	**7,183**	**8,721**	**21.42**	**8,266**	**8,184**	**9,858**	.....
Adams	270	282	337	19.71	8,801	9,173	10,794	15
Antelope	78	60	91	50.81	8,805	6,930	10,105	31
Arthur	4	4	4	6.00	6,872	7,495	6,592	88
Banner	5	13	11	−15.39	5,800	13,810	11,724	9
Blaine	5	5	5	6.38	6,894	5,669	6,243	90
Boone	63	53	70	32.71	8,301	7,117	9,309	50
Box Butte	95	113	123	8.23	7,396	8,128	8,537	70
Boyd	23	23	26	13.46	6,959	6,893	7,689	83
Brown	32	29	37	26.36	7,540	6,688	8,411	75
Buffalo	273	278	340	22.42	7,936	7,959	9,578	46
Burt	79	70	89	26.80	9,151	7,972	9,971	37
Butler	75	65	90	39.09	8,379	6,958	9,559	47
Cass	168	173	197	13.98	8,090	8,541	9,592	44
Cedar	85	75	96	28.08	7,866	6,879	8,233	80
Chase	46	40	53	33.08	9,850	8,379	11,161	10
Cherry	50	56	61	9.06	7,439	8,259	8,727	64
Cheyenne	82	111	112	1.22	8,113	11,005	12,170	7
Clay	74	63	90	41.92	9,042	7,789	10,746	16
Colfax	81	79	100	27.04	8,106	7,978	9,923	38
Cuming	105	98	124	25.50	9,015	8,433	10,447	24
Custer	102	98	130	32.51	7,261	7,082	9,362	49
Dakota	122	131	159	21.57	7,477	7,844	9,223	53
Dawes	61	70	75	7.56	6,409	7,238	7,630	84
Dawson	182	183	225	22.73	8,338	8,239	9,812	41
Deuel	23	31	32	1.71	9,370	12,611	12,571	5
Dixon	55	47	62	31.85	7,542	6,657	8,685	65
Dodge	326	342	393	14.80	9,308	9,518	10,901	12
Douglas	3,881	4,257	4,678	9.90	9,689	10,709	11,983	8
Dundy	29	24	36	46.46	10,505	8,454	10,811	14
Fillmore	80	69	97	40.80	9,973	8,727	12,867	3
Franklin	36	32	44	35.80	7,887	7,435	10,073	33
Frontier	29	26	34	30.15	7,646	7,206	10,022	36
Furnas	46	50	59	17.90	7,129	7,766	9,111	57
Gage	202	213	243	14.56	7,823	8,749	10,086	32
Garden	21	25	26	6.10	7,554	8,779	9,288	51
Garfield	17	16	20	23.40	7,059	6,836	8,494	73
Gosper	18	13	23	73.11	8,479	6,138	10,625	21
Grant	7	8	8	2.10	7,798	9,508	10,266	26
Greeley	26	21	31	46.92	7,280	6,125	9,215	54
Hall	402	430	506	17.70	8,459	8,983	10,242	27
Hamilton	81	65	99	52.30	8,804	6,960	10,715	17
Harlan	33	33	43	31.28	7,668	7,654	9,586	45
Hayes	6	7	9	26.90	4,899	5,500	7,043	86
Hitchcock	30	37	41	12.39	7,293	8,983	10,120	30
Holt	97	83	113	36.09	7,285	6,104	8,147	81
Hooker	7	8	9	10.27	6,945	8,066	8,515	72
Howard	52	44	60	38.18	7,628	6,445	9,192	56
Jefferson	77	80	96	19.80	7,978	8,174	10,031	35
Johnson	39	38	44	17.44	7,121	7,206	8,543	69
Kearney	70	55	88	59.12	10,299	7,763	12,222	6
Keith	81	89	97	9.06	8,729	9,500	10,658	19
Keya Paha	6	5	6	13.86	4,245	4,160	4,561	93
Kimball	46	62	64	3.81	9,707	12,638	13,114	2
Knox	79	70	86	22.62	6,965	6,138	7,208	85
Lancaster	1,703	1,844	2,054	11.39	9,030	9,521	10,327	25
Lincoln	316	321	352	9.64	8,694	8,799	9,828	40
Logan	7	7	9	22.01	7,153	7,159	9,286	52
Loup	5	4	4	20.95	5,963	4,117	5,308	92
McPherson	4	4	4	1.60	6,740	6,923	6,882	87
Madison	291	299	340	13.83	9,456	9,462	10,648	20
Merrick	65	57	85	49.71	7,260	6,383	8,995	59
Morrill	42	47	55	17.23	7,090	7,715	8,956	60
Nance	34	26	39	49.40	7,283	5,460	7,880	82
Nemaha	66	65	79	22.42	7,853	7,769	9,426	48
Nuckolls	50	48	59	22.84	7,300	7,223	8,670	66
Otoe	124	126	146	15.21	8,142	8,337	9,864	39
Pawnee	31	29	34	16.35	7,664	7,457	8,768	63
Perkins	36	45	55	20.91	9,904	12,453	15,169	1
Phelps	93	80	124	55.83	9,466	8,170	12,788	4
Pierce	70	59	81	37.49	8,463	6,947	9,624	43
Platte	270	261	312	19.34	9,297	9,044	10,616	22
Polk	57	47	67	41.30	9,384	7,453	10,572	23
Red Willow	104	114	131	15.19	8,371	9,001	10,184	28
Richardson	88	87	101	16.88	7,772	7,685	8,881	62
Rock	20	17	22	35.10	8,374	6,960	9,199	55
Saline	113	118	141	19.56	8,763	8,952	10,821	13
Sarpy	587	658	732	11.23	6,804	7,636	8,555	68
Saunders	154	149	184	23.35	8,572	7,939	9,793	42
Scotts Bluff	300	335	381	13.97	7,868	8,707	10,040	34
Seward	113	106	134	25.77	7,155	6,719	8,278	78
Sheridan	52	60	64	6.50	6,951	7,997	8,467	74
Sherman	32	28	36	28.35	7,969	6,605	8,316	77
Sioux	10	11	11	.42	4,712	5,984	5,860	91
Stanton	49	44	57	30.04	7,544	6,599	8,528	71
Thayer	63	62	81	31.06	8,567	8,193	10,675	18
Thomas	7	8	8	5.98	7,352	7,919	8,247	79
Thurston	54	50	60	19.26	7,425	7,036	8,602	67
Valley	44	39	50	28.45	8,136	6,903	9,077	58
Washington	133	133	159	19.22	8,631	8,567	10,165	29
Wayne	75	69	84	22.15	7,804	6,913	8,372	76
Webster	35	36	43	18.37	7,343	7,392	8,928	61
Wheeler	7	4	8	121.39	7,014	3,382	6,460	89
York	135	126	166	32.06	9,217	8,459	10,965	11
Nevada	**7,490**	**8,613**	**9,787**	**13.63**	**9,789**	**10,674**	**11,582**	.....
Sum of SMSA counties	**6,281**	**7,207**	**8,178**	**13.47**	**9,993**	**10,891**	**11,819**	.....
Sum of non-SMSA counties	**1,209**	**1,406**	**1,610**	**14.48**	**8,850**	**9,686**	**10,514**	.....
Churchill	108	120	128	6.20	7,953	8,595	9,133	12
Clark	4,138	4,807	5,505	14.52	9,376	10,298	11,228	

See footnotes at end of table.

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years—Continued

Area title	Total personal income: Millions of dollars 1979	1980	1981	Percent change 1980–81	Per capita personal income: Dollars 1979	1980	1981	Rank in State 1981
Douglas	203	231	255	10.38	11,035	11,665	12,424	2
Elko	152	180	211	16.73	9,467	10,377	11,558	4
Esmerelda	6	7	8	16.59	7,465	8,360	9,528	10
Eureka	10	13	14	12.07	9,897	10,356	10,390	6
Humbolt	70	85	98	15.95	8,055	8,832	9,362	12
Lander	32	41	48	18.98	8,896	9,786	10,099	7
Lincoln	22	28	34	21.62	6,090	7,420	8,292	17
Lyon	102	121	137	13.47	8,223	8,721	9,441	11
Mineral	46	53	59	12.42	7,487	8,495	9,633	9
Nye	61	74	94	26.96	7,487	8,036	8,650	15
Pershing	24	29	30	4.45	7,884	8,461	8,530	16
Storey	10	12	13	13.91	7,457	7,777	9,077	14
Washoe	2,143	2,400	2,673	11.36	11,450	12,311	13,255	1
White Pine	61	75	86	15.20	7,624	9,314	9,831	8
Carson City-Independent City	302	338	393	16.26	9,499	10,522	11,762	3
New Hampshire	**7,433**	**8,338**	**9,367**	**12.35**	**8,151**	**9,028**	**10,013**	.....
Sum of SMSA counties	**4,583**	**5,165**	**5,816**	**12.60**	**8,371**	**9,320**	**10,339**	.....
Sum of non-SMSA counties	**2,849**	**3,172**	**3,551**	**11.94**	**7,820**	**8,591**	**9,521**	.....
Belnap	339	379	416	9.87	7,912	8,798	9,567	6
Carroll	210	235	273	16.12	7,658	8,359	9,639	5
Cheshire	491	549	616	12.31	7,899	8,826	9,700	4
Coos	242	266	294	10.75	6,912	7,576	8,287	10
Grafton	506	557	628	12.75	7,780	8,434	9,439	7
Hillsborough	2,362	2,683	3,007	12.10	8,584	9,668	10,766	1
Merrimack	789	886	991	11.85	8,174	8,978	10,015	3
Rockingham	1,627	1,827	2,078	13.77	8,678	9,552	10,609	2
Strafford	594	656	731	11.43	7,001	7,672	8,368	9
Sullivan	273	302	333	10.40	7,697	8,333	9,074	8
New Jersey	**72,196**	**80,708**	**90,001**	**11.51**	**9,792**	**10,941**	**12,156**	.....
Sum of SMSA counties	**66,956**	**74,805**	**83,323**	**11.39**	**9,924**	**11,097**	**12,330**	.....
Sum of non-SMSA counties	**5,240**	**5,903**	**6,678**	**13.13**	**8,369**	**9,284**	**10,338**	.....
Atlantic	1,673	2,010	2,396	19.20	8,666	10,324	12,272	7
Bergen	10,816	12,047	13,402	11.24	12,705	14,261	15,857	1
Burlington	3,067	3,368	3,752	11.42	8,474	9,269	10,201	17
Camden	4,067	4,522	4,987	10.28	8,596	9,577	10,498	15
Cape May	673	763	875	14.66	8,230	9,226	10,380	16
Cumberland	1,006	1,107	1,219	10.12	7,507	8,342	9,145	20
Essex	7,964	8,929	9,832	10.12	9,273	10,513	11,664	10
Gloucester	1,558	1,711	1,916	12.02	7,921	8,506	9,318	19
Hudson	5,007	5,559	6,132	10.30	8,961	9,935	11,034	12
Hunterdon	880	976	1,093	12.05	10,066	11,121	12,297	6
Mercer	2,999	3,349	3,724	11.20	9,675	10,887	12,087	9
Middlesex	5,955	6,664	7,474	12.15	10,016	11,158	12,465	5
Monmouth	4,930	5,527	6,217	12.49	9,863	10,956	12,199	8
Morris	4,604	5,203	5,857	12.58	11,335	12,736	14,169	3
Ocean	2,699	3,041	3,438	13.06	7,894	8,727	9,696	18
Passaic	4,107	4,571	5,068	10.89	9,129	10,205	11,330	11
Salem	525	546	594	8.77	8,036	8,452	9,097	21
Somerset	2,521	2,798	3,125	11.67	12,429	13,744	15,235	2
Sussex	989	1,123	1,272	13.23	8,592	9,607	10,762	13
Union	5,432	6,074	6,720	10.63	10,686	12,041	13,368	4
Warren	723	820	907	10.61	8,795	9,660	10,582	14
New Mexico	**9,211**	**10,268**	**11,298**	**10.03**	**7,193**	**7,867**	**8,509**	.....
Sum of SMSA counties	**4,075**	**4,549**	**5,054**	**11.11**	**7,563**	**8,211**	**9,096**	.....
Sum of non-SMSA counties	**5,136**	**5,719**	**6,243**	**9.17**	**6,924**	**7,613**	**8,086**	.....
Bernalillo	3,369	3,760	4,183	11.25	8,198	8,906	9,823	3
Catron	15	15	13	−14.14	5,313	5,384	4,484	30
Chaves	358	415	417	.41	7,242	8,074	7,984	12
Colfax	94	106	104	−1.91	6,964	7,670	7,296	17
Curry	309	339	339	.10	7,203	8,116	8,002	11
De Baca	20	20	17	−15.43	8,259	8,163	7,364	16
Dona Ana	551	619	686	10.81	5,878	6,394	7,237	19
Eddy	344	390	449	15.15	7,267	8,128	9,000	5
Grant	177	194	234	20.44	6,997	7,390	8,772	7
Guadalupe	25	26	24	−9.93	5,453	5,851	5,161	29
Harding	8	8	8	.95	7,227	7,028	7,452	15
Hidalgo	42	47	50	6.88	6,860	7,785	8,456	8
Lea	458	542	645	19.09	8,278	9,711	10,713	2
Lincoln	78	84	91	8.36	7,390	7,529	8,140	9
Los Alamos	222	248	282	13.88	12,560	13,998	15,536	1
Luna	103	109	114	4.78	6,639	6,989	7,241	18
McKinley	317	330	349	5.47	5,640	6,006	6,170	24
Mora	17	20	17	−13.39	3,945	4,716	3,824	32
Otero	285	309	348	12.74	6,273	6,948	7,881	13
Quay	71	76	67	−11.70	6,690	7,257	6,427	22
Rio Arriba	150	166	184	10.95	5,036	5,694	6,275	23
Roosevelt	111	121	117	−3.56	7,104	7,758	7,472	14
Sandoval	155	171	186	9.02	4,545	4,861	5,295	28
San Juan	601	668	772	15.62	7,620	8,195	8,832	6
San Miguel	104	111	120	7.84	4,588	4,900	5,321	27
Santa Fe	556	628	703	11.95	7,380	8,305	9,130	4
Sierra	51	62	70	11.64	6,060	7,406	8,046	10
Socorro	64	70	75	6.47	4,886	5,418	5,474	26
Taos	102	116	134	15.58	5,481	6,130	6,779	21
Torrance	41	45	46	3.40	5,663	5,890	6,011	25
Union	34	41	21	−49.80	7,089	8,759	4,411	31
Valencia	380	414	436	5.17	6,753	6,709	6,932	20
New York	**162,474**	**180,517**	**201.707**	**11.74**	**9,214**	**10,271**	**11,460**	.....
Sum of SMSA counties	**150,721**	**167,562**	**187,402**	**11.84**	**9,483**	**10,576**	**11,812**	.....
Sum of non-SMSA counties	**11,753**	**12,955**	**14,305**	**10.42**	**6,754**	**7,482**	**8,242**	.....
Albany	2,647	2,947	3,244	10.07	9,223	10,294	11,398	8
Allegany	303	334	365	9.42	5,792	6,442	7,033	60
Bronx	8,697	9,616	10,757	11.86	7,318	8,256	9,248	25
Broome	1,770	1,944	2,162	11.19	8,155	9,109	10,113	15
Cattaraugus	555	602	659	9.49	6,490	7,011	7,576	55
Cayuga	566	625	692	10.84	7,005	7,818	8,579	36
Chautauqua	1,086	1,202	1,312	9.17	7,390	8,172	8,856	34
Chemung	741	822	907	10.38	7,463	8,411	9,342	23
Chenango	322	360	395	9.69	6,516	7,287	7,823	53
Clinton	497	543	592	8.98	6,139	6,717	7,359	57
Columbia	412	453	499	10.15	6,962	7,583	8,305	42
Cortland	324	355	398	11.96	6,762	7,250	8,102	47
Delaware	301	332	373	12.32	6,359	7,079	7,959	49
Dutchess	2,137	2,393	2,719	13.61	8,824	9,719	11,013	11
Erie	8,974	9,679	10,607	9.60	8,687	9,550	10,508	12
Essex	227	251	279	11.22	6,308	6,918	7,842	52
Franklin	255	285	309	8.14	5,710	6,338	6,754	61
Fulton	362	397	443	11.82	6,435	7,197	8,032	48
Genesee	451	493	552	11.95	7,595	8,291	9,287	24
Greene	277	305	335	10.01	6,765	7,463	8,214	45
Hamilton	30	34	38	12.46	5,767	6,769	7,569	56
Herkimer	473	521	566	8.64	7,062	7,795	8,526	38
Jefferson	616	672	737	9.66	6,904	7,628	8,438	40
Kings	17,227	19,066	21,329	11.87	7,682	8,548	9,563	17
Lewis	145	159	177	10.81	5,592	6,376	7,155	59
Livingston	397	443	486	9.76	6,843	7,757	8,540	37
Madison	437	480	535	11.53	6,596	7,367	8,132	46
Monroe	6,900	7,783	8,698	11.77	9,831	11,065	12,248	5
Montgomery	389	425	469	10.42	7,259	7,969	8,983	30
Nassau	16,963	18,926	21,191	11.97	12,906	14,289	16,012	3
New York	18,615	20,771	23,388	12.60	13,034	14,512	16,368	1
Niagara	1,904	2,047	2,220	8.45	8,260	9,025	9,787	16
Oneida	1,892	2,074	2,296	10.71	7,370	8,189	9,075	26
Onondaga	3,938	4,327	4,789	10.67	8,499	9,328	10,328	14
Ontario	687	762	843	10.65	7,672	8,560	9,400	21
Orange	2,057	2,263	2,512	11.00	7,914	8,682	9,517	18
Orleans	299	325	361	11.05	7,726	8,446	9,396	22
Oswego	796	862	958	11.09	6,916	7,566	8,448	39
Otsego	383	423	471	11.34	6,420	7,157	7,860	51
Putnam	638	718	818	13.86	8,324	9,234	10,410	13
Queens	18,208	20,274	22,904	12.97	9,604	10,703	12,012	6
Rensselaer	1,137	1,255	1,373	9.36	7,442	8,251	8,983	29
Richmond	3,097	3,483	3,957	13.60	8,927	9,823	11,107	10
Rockland	2,692	2,991	3,366	12.54	10,472	11,473	12,907	4
St. Lawrence	677	747	825	10.44	5,864	6,541	7,219	58
Saratoga	1,144	1,255	1,383	10.24	7,365	8,145	8,986	28
Schenectady	1,434	1,578	1,753	11.06	9,470	10,538	11,555	7
Schoharie	168	179	197	9.96	5,656	6,024	6,702	62
Schuyler	113	126	138	9.68	6,230	7,118	7,958	50
Seneca	244	276	305	10.85	7,025	8,178	8,924	32
Steuben	740	818	897	9.67	7,397	8,247	9,045	27
Suffolk	11,529	13,067	14,566	11.47	8,961	10,151	11,282	9
Sullivan	458	509	575	12.95	6,914	7,813	8,922	33
Tioga	364	394	438	11.14	7,285	7,903	8,616	35
Tompkins	590	660	733	11.10	6,770	7,553	8,282	43
Ulster	1,228	1,362	1,499	10.00	7,695	8,601	9,453	20
Warren	408	446	494	10.82	7,411	8,116	8,976	31
Washington	355	381	427	11.97	6,405	6,961	7,702	54
Wayne	664	737	798	8.25	7,647	8,611	9,460	19
Westchester	11,112	12,505	14,087	12.65	12,762	14,410	16,190	2
Wyoming	274	291	325	11.59	6,747	7,288	8,261	44
Yates	150	162	184	14.04	7,088	7,500	8,434	41
North Carolina	**41,336**	**45,809**	**51,534**	**12.50**	**7,125**	**7,780**	**8,656**	.....
Sum of SMSA counties	**24,091**	**26,750**	**29,979**	**12.07**	**7,890**	**8,613**	**9,529**	.....
Sum of non-SMSA counties	**17,245**	**19,059**	**21,555**	**13.10**	**6,275**	**6,851**	**7,678**	.....
Alamance	734	802	903	12.61	7,414	8,093	9,084	14
Alexander	152	162	182	12.09	6,139	6,452	7,161	68
Alleghany	53	59	65	11.49	5,535	6,094	6,726	81
Anson	159	169	189	12.40	6,297	6,577	7,378	61
Ashe	120	128	141	10.72	5,510	5,693	6,171	92
Avery	67	74	82	12.11	4,664	5,100	5,743	96
Beaufort	252	288	333	15.68	6,271	7,149	8,204	34
Bertie	117	123	143	16.32	5,593	5,860	6,777	79
Bladen	155	173	200	15.81	5,146	5,675	6,522	87
Brunswick	189	215	247	15.29	5,383	5,981	6,830	78
Buncombe	1,152	1,290	1,422	10.24	7,204	8,002	8,780	18
Burke	467	519	584	12.62	6,546	7,129	7,983	44
Cabarrus	620	686	770	12.29	7,365	7,946	8,787	17
Caldwell	428	458	516	12.57	6,440	6,741	7,626	52
Camden	34	36	46	29.33	5,888	6,157	8,115	37
Carteret	255	277	315	13.50	6,227	6,742	7,596	54
Caswell	101	107	121	13.49	4,940	5,165	5,844	95
Catawba	825	896	1,001	11.66	7,993	8,490	9,466	7
Chatham	225	241	271	12.73	6,748	7,185	7,978	46
Cherokee	87	99	112	12.54	4,666	5,228	5,844	94
Chowan	74	79	92	17.74	5,872	6,259	7,486	58
Clay	30	34	38	11.87	4,674	5,034	5,356	100
Cleveland	556	607	670	10.34	6,757	7,260	7,996	41
Columbus	265	309	355	14.90	5,202	6,057	6,879	74
Craven	452	526	577	9.72	6,371	7,416	7,989	42
Cumberland	1,497	1,668	1,859	11.44	6,129	6,752	7,404	60

See footnotes at end of table.

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years—Continued

Area title	Total personal income: Millions of dollars 1979	1980	1981	Percent change 1980–81	Per capita personal income: Dollars 1979	1980	1981	Rank in State 1981
Currituck	61	69	83	20.16	5,430	6,226	7,431	59
Dare	76	86	99	15.41	6,003	6,324	7,079	71
Davidson	796	871	976	12.09	7,154	7,661	8,469	24
Davie	161	178	198	11.26	6,620	7,220	7,974	47
Duplin	225	261	310	18.97	5,539	6,368	7,606	53
Durham	1,261	1,403	1,574	12.20	8,333	9,158	10,095	5
Edgecombe	386	427	487	14.11	6,864	7,618	8,584	20
Forsyth	2,167	2,421	2,714	12.13	8,958	9,912	11,014	2
Franklin	161	177	201	13.45	5,413	5,860	6,527	86
Gaston	1,146	1,274	1,405	10.30	7,168	7,815	8,493	23
Gates	58	62	73	18.49	6,703	6,940	8,249	31
Graham	39	44	46	3.82	5,489	6,136	6,440	89
Granville	197	204	235	14.85	5,813	6,011	6,870	75
Greene	104	119	144	20.97	6,696	7,374	8,855	15
Guilford	2,848	3,148	3,508	11.44	9,045	9,913	10,943	3
Halifax	295	318	358	12.63	5,308	5,767	6,422	90
Harnett	319	357	401	12.27	5,379	5,979	6,681	82
Haywood	299	338	378	11.80	6,476	7,255	8,034	40
Henderson	432	492	560	13.68	7,578	8,346	9,294	9
Hertford	138	147	167	13.77	5,920	6,275	7,129	69
Hoke	87	100	113	12.70	4,417	4,865	5,520	99
Hyde	29	33	44	31.87	4,852	5,664	7,313	63
Iredell	569	627	698	11.29	6,953	7,577	8,288	30
Jackson	140	156	176	12.63	5,574	6,024	6,634	84
Johnston	448	505	571	13.15	6,378	7,143	7,982	45
Jones	48	58	73	25.72	5,005	5,989	7,524	57
Lee	268	293	341	16.46	7,474	7,955	9,224	11
Lenoir	395	440	496	12.66	6,668	7,354	8,223	32
Lincoln	281	309	346	11.96	6,848	7,254	8,184	35
McDowell	229	255	276	8.19	6,680	7,221	7,783	51
Macon	116	133	152	14.08	5,758	6,588	7,228	66
Madison	80	91	102	12.76	4,852	5,391	5,946	93
Martin	159	177	208	17.53	6,145	6,834	7,904	49
Mecklenburg	3,768	4,198	4,728	12.64	9,523	10,335	11,460	1
Mitchell	81	90	102	12.28	5,631	6,284	6,843	77
Montgomery	136	150	165	9.42	6,279	6,648	7,247	65
Moore	351	397	445	12.05	7,107	7,817	8,729	19
Nash	470	518	593	14.53	7,008	7,714	8,801	16
New Hanover	771	865	961	11.06	7,591	8,339	9,158	13
Northampton	109	108	125	15.32	4,774	4,816	5,577	98
Onslow	611	670	805	20.13	5,401	5,989	7,089	70
Orange	578	648	733	13.07	7,615	8,370	9,297	8
Pamlico	61	70	77	9.74	6,001	6,699	7,260	64
Pasquotank	191	205	231	12.88	6,781	7,188	8,090	39
Pender	119	135	155	14.78	5,485	6,054	6,892	73
Perquimans	53	54	65	20.43	5,535	5,687	6,730	80
Person	171	182	203	11.35	5,939	6,219	6,867	76
Pitt	560	638	739	15.90	6,768	7,609	8,152	36
Polk	101	113	128	13.66	7,983	8,648	9,555	6
Randolph	654	712	796	11.79	7,282	7,716	8,465	25
Richmond	276	290	320	10.26	6,158	6,364	6,992	72
Robeson	508	561	633	12.72	5,054	5,518	6,268	91
Rockingham	576	630	696	10.45	6,988	7,537	8,212	33
Rowan	688	766	849	10.93	7,028	7,698	8,387	27
Rutherford	340	371	414	11.70	6,398	6,879	7,582	55
Sampson	308	341	401	17.79	6,293	6,836	7,954	48
Scotland	194	213	239	12.01	6,051	6,591	7,372	62
Stanly	334	364	408	12.12	7,025	7,475	8,388	26
Stokes	189	210	243	15.77	5,888	6,287	7,193	67
Surry	392	431	481	11.66	6,697	7,226	8,114	38
Swain	55	60	65	8.96	5,287	5,814	6,485	88
Transylvania	153	175	200	14.35	6,584	7,461	8,341	28
Tyrrell	23	27	34	28.98	5,759	6,691	8,304	29
Union	504	551	620	12.38	7,407	7,782	8,538	21
Vance	243	252	278	10.68	6,674	6,833	7,554	56
Wake	2,598	2,915	3,251	11.52	8,851	9,633	10,623	4
Warren	78	92	103	12.04	4,772	5,706	6,608	85
Washington	104	116	133	14.89	6,980	7,807	9,160	12
Watauga	170	191	216	13.26	5,483	6,000	6,680	83
Wayne	615	677	761	12.45	6,335	6,979	7,790	50
Wilkes	383	422	473	12.16	6,519	7,193	7,985	43
Wilson	463	510	584	14.65	7,435	8,051	9,239	10
Yadkin	200	221	248	11.97	7,087	7,765	8,514	22
Yancey	69	77	84	8.75	4,635	5,153	5,610	97
North Dakota	**5,266**	**5,415**	**6,741**	**24.47**	**8,074**	**8,281**	**10,237**	.....
Sum of SMSA counties	**2,029**	**2,106**	**2,407**	**14.31**	**8,732**	**8,941**	**10,115**	.....
Sum of non-SMSA counties	**3,236**	**3,310**	**4,334**	**30.94**	**7,710**	**7,909**	**10,305**	.....
Adams	27	31	35	14.19	7,586	8,600	9,974	30
Barnes	99	95	121	27.63	6,945	6,789	8,578	45
Benson	61	55	78	41.08	7,423	7,010	10,239	27
Billings	10	11	14	31.38	9,656	9,420	11,877	9
Bottineau	83	80	116	45.28	8,764	8,529	12,709	4
Bowman	32	33	41	25.95	7,442	7,772	9,637	33
Burke	34	32	47	46.66	8,600	8,344	12,551	5
Burleigh	512	564	633	12.06	9,547	10,189	11,292	15
Cass	869	834	953	14.30	9,880	9,421	10,586	24
Cavalier	53	44	79	79.50	6,575	5,882	11,111	19
Dickey	52	47	56	18.93	7,202	6,480	7,995	46
Divide	32	28	46	65.36	8,752	8,160	13,676	2
Dunn	39	45	56	25.74	8,758	9,603	11,722	10
Eddy	27	23	32	40.02	7,316	6,567	9,074	38
Emmons	39	40	51	28.46	6,366	6,860	8,743	44
Foster	35	36	43	20.16	7,578	7,773	10,384	26
Golden Valley	21	24	29	20.55	8,644	10,000	11,154	18
Grand Forks	461	505	588	16.29	6,935	7,635	8,897	43
Grant	28	26	33	28.71	6,393	6,021	7,901	47
Griggs	24	22	32	45.12	6,254	5,910	9,072	39
Hettinger	29	28	38	36.71	6,620	6,541	9,068	40
Kidder	28	24	34	42.50	7,316	6,260	8,956	42
La Moure	40	33	48	44.86	6,119	5,158	7,524	49
Logan	23	20	30	54.31	6,377	5,653	9,085	37
McHenry	65	58	85	47.28	8,002	7,431	10,936	20
McIntosh	36	36	50	37.84	7,399	7,567	10,717	23
McKenzie	59	68	94	38.30	8,728	9,360	11,941	8
McLean	111	113	146	29.83	9,064	9,098	11,671	11
Mercer	74	84	96	14.81	8,665	8,636	9,428	34
Morton	188	202	233	15.64	7,695	7,949	9,035	41
Mountrail	59	57	83	44.96	7,571	7,478	10,404	25
Nelson	42	38	56	46.90	7,960	7,277	11,182	17
Oliver	17	18	24	34.71	6,797	7,125	9,269	35
Pembina	77	81	118	46.10	7,228	7,830	11,554	12
Pierce	45	43	61	40.46	7,090	7,043	10,049	29
Ramsey	109	112	142	26.98	8,378	8,587	10,894	22
Ransom	51	44	44	.30	7,663	6,540	6,927	52
Renville	29	27	42	53.71	7,920	7,598	11,469	13
Richland	125	119	115	−2.93	6,490	6,181	5,948	53
Rolette	66	67	86	28.82	5,383	5,502	7,319	50
Sargent	37	36	42	16.73	6,629	6,631	7,802	48
Sheridan	23	19	30	58.19	7,442	6,858	11,200	16
Sioux	22	23	27	18.11	5,878	6,342	7,272	51
Slope	10	11	14	28.37	8,542	9,576	12,082	6
Stark	175	206	255	23.53	7,833	8,581	9,921	31
Steele	21	17	27	61.45	6,626	5,506	9,162	36
Stutsman	187	194	238	22.46	7,771	8,026	9,844	32
Towner	31	28	49	73.13	7,497	7,023	11,977	7
Traill	76	76	109	43.65	7,770	7,834	11,420	14
Walsh	106	106	154	44.99	6,636	6,945	10,223	28
Ward	492	537	641	19.43	8,307	9,222	10,921	21
Wells	71	69	91	33.03	9,973	9,867	13,189	3
Williams	206	249	354	41.95	9,783	11,049	14,748	1
Ohio	**94,334**	**102,133**	**111,186**	**8.86**	**8,736**	**9,456**	**10,314**	.....
Sum of SMSA counties	**78,542**	**85,218**	**92,959**	**9.08**	**9,053**	**9,834**	**10,770**	.....
Sum of non-SMSA counties	**15,793**	**16,914**	**18,228**	**7.77**	**7,440**	**7,925**	**8,482**	.....
Adams	116	131	161	22.66	4,853	5,376	6,286	85
Allen	966	1,034	1,079	4.35	8,680	9,181	9,635	26
Ashland	365	394	436	10.59	7,978	8,513	9,344	36
Ashtabula	789	851	921	8.13	7,602	8,149	8,950	44
Athens	296	327	355	8.55	5,364	5,785	6,145	87
Auglaize	346	369	396	7.46	8,139	8,643	9,113	40
Belmont	677	726	775	6.65	8,122	8,790	9,438	33
Brown	198	226	239	5.70	6,279	7,063	7,226	76
Butler	2,115	2,316	2,564	10.69	8,245	8,912	9,678	23
Carroll	165	181	192	6.19	6,437	7,061	7,382	73
Champaign	249	260	272	4.63	7,347	7,722	7,853	66
Clark	1,172	1,252	1,348	7.62	7,770	8,337	9,029	42
Clermont	975	1,092	1,230	12.69	7,811	8,421	9,159	39
Clinton	274	287	314	9.40	7,923	8,298	8,900	48
Columbiana	832	893	975	9.19	7,306	7,876	8,637	53
Coshocton	282	298	328	9.94	7,872	8,261	8,947	45
Crawford	411	429	450	4.91	8,083	8,596	8,855	49
Cuyahoga	16,047	17,382	18,999	9.31	10,597	11,642	13,077	1
Darke	413	441	461	4.52	7,424	7,997	8,424	58
Defiance	350	362	390	7.81	8,776	9,029	9,796	16
Delaware	439	474	504	6.34	8,191	8,762	9,642	25
Erie	709	750	778	3.62	9,064	9,402	9,762	17
Fairfield	768	839	922	9.86	8,389	8,889	9,592	28
Fayette	205	208	213	2.24	7,462	7,550	7,732	69
Franklin	7,679	8,510	9,338	9.73	8,753	9,803	10,602	9
Fulton	317	331	362	9.49	8,404	8,760	9,452	31
Gallia	209	220	231	5.19	7,088	7,293	7,536	71
Geauga	680	732	803	9.79	9,232	9,800	10,622	8
Greene	1,058	1,142	1,251	9.53	8,152	8,796	9,630	27
Guernsey	280	303	328	8.11	6,825	7,176	7,708	70
Hamilton	8,496	9,342	10,174	8.90	9,660	10,721	11,836	2
Hancock	564	620	675	9.01	8,711	9,599	10,441	10
Hardin	241	249	257	3.39	7,459	7,604	7,779	68
Harrison	134	133	147	10.74	7,541	7,285	8,297	60
Henry	247	267	272	2.01	8,635	9,427	9,710	22
Highland	221	233	244	4.56	6,615	6,958	6,933	80
Hocking	151	162	179	10.42	6,286	6,634	7,270	75
Holmes	155	168	186	10.69	5,226	5,719	6,223	86
Huron	435	448	472	5.47	7,970	8,196	8,468	56
Jackson	174	190	204	7.28	5,749	6,201	6,589	83
Jefferson	789	841	878	4.36	8,663	9,199	9,719	21
Knox	322	349	386	10.42	6,888	7,540	8,188	64
Lake	1,965	2,137	2,320	8.55	9,245	10,031	10,813	6
Lawrence	418	445	481	7.94	6,619	6,953	7,514	72
Licking	939	1,019	1,122	10.04	7,831	8,402	8,986	43
Logan	323	344	371	7.70	8,312	8,777	9,536	29
Lorain	2,330	2,499	2,727	9.12	8,537	9,091	9,895	15
Lucas	4,290	4,668	5,095	9.15	9,098	9,887	10,932	4
Madison	248	260	270	3.85	7,618	7,860	7,843	67
Mahoning	2,464	2,605	2,777	6.59	8,523	9,011	9,732	20
Marion	563	604	648	7.26	8,392	8,861	9,751	19

See footnotes at end of table.

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years—Continued

Area title	Total personal income: Millions of dollars 1979	1980	1981	Percent change[1] 1980–81	Per capita personal income: Dollars 1979	1980	1981	Rank in State 1981
Medina	1,002	1,087	1,179	8.47	8,997	9,538	10,161	12
Meigs	144	159	167	4.93	6,295	6,687	7,201	77
Mercer	329	338	351	4.10	8,597	8,804	9,058	41
Miami	778	839	896	6.90	8,606	9,268	9,758	18
Monroe	109	121	129	6.80	6,384	6,887	7,342	74
Montgomery	5,345	5,723	6,316	10.36	9,359	10,001	11,126	3
Morgan	96	107	117	9.19	6,909	7,487	8,246	63
Morrow	164	169	174	3.31	6,086	6,379	6,549	84
Muskingum	609	668	732	9.57	7,316	8,006	8,709	52
Noble	67	71	82	15.95	5,968	6,241	7,147	78
Ottawa	337	378	397	5.21	8,313	9,435	10,004	14
Paulding	174	181	181	.38	8,172	8,464	8,579	54
Perry	184	199	221	10.88	5,937	6,415	6,822	81
Pickaway	332	348	367	5.27	7,511	7,991	8,248	62
Pike	121	135	156	15.64	5,408	5,884	6,653	82
Portage	977	1,064	1,165	9.49	7,279	7,818	8,393	59
Preble	279	289	309	6.91	7,370	7,531	8,129	65
Putnam	258	282	283	.37	7,512	8,554	8,464	57
Richland	1,060	1,133	1,262	11.31	8,140	8,634	9,669	24
Ross	463	501	552	10.00	7,149	7,704	8,276	61
Sandusky	512	552	590	6.78	8,043	8,743	9,388	35
Scioto	516	559	600	7.44	6,104	6,598	6,961	79
Seneca	516	549	585	6.45	8,231	8,887	9,457	30
Shelby	330	358	376	5.07	7,652	8,303	8,532	55
Stark	3,278	3,542	3,922	10.73	8,688	9,347	10,360	11
Summit	4,688	5,077	5,537	9.06	8,911	9,676	10,730	7
Trumbull	2,243	2,403	2,646	10.14	9,296	9,951	10,909	5
Tuscarawas	628	674	759	12.52	7,477	7,951	8,911	47
Union	241	258	283	9.96	8,182	8,719	9,434	34
Van Wert	283	297	308	3.79	9,304	9,739	10,093	13
Vinton	60	66	70	6.62	5,338	5,638	6,076	88
Warren	762	837	921	10.06	7,753	8,390	8,929	46
Washington	462	512	565	10.34	7,251	7,937	8,715	51
Wayne	772	836	926	10.79	7,933	8,555	9,448	32
Williams	314	327	349	6.61	8,706	8,977	9,341	37
Wood	869	951	1,007	5.96	8,196	8,813	9,306	38
Wyandot	188	196	205	4.39	8,231	8,653	8,778	50
Oklahoma	**24,179**	**27,631**	**31,753**	**14.92**	**8,141**	**9,097**	**10,241**	.....
Sum of SMSA counties	**15,245**	**17,765**	**20,600**	**15.96**	**8,805**	**9,984**	**11,355**	.....
Sum of non-SMSA counties	**8,935**	**9,867**	**11,152**	**13.03**	**7,213**	**7,842**	**8,670**	.....
Adair	71	81	95	18.18	3,793	4,329	5,188	75
Alfalfa	63	63	66	4.58	8,769	8,931	9,058	29
Atoka	51	55	63	15.39	4,041	4,275	4,985	76
Beaver	73	71	70	−2.37	11,247	10,359	9,670	17
Beckham	142	158	196	24.27	7,792	8,086	9,594	20
Blaine	101	106	118	11.26	7,546	7,843	8,257	40
Bryan	182	197	217	10.17	6,041	6,423	6,924	61
Caddo	227	236	258	9.54	7,348	7,669	8,088	42
Canadian	452	525	611	16.47	8,256	9,165	10,281	16
Carter	339	399	464	16.26	7,917	9,153	10,719	13
Cherokee	154	178	194	9.29	5,126	5,756	6,250	68
Choctaw	89	97	102	5.71	5,151	5,677	5,774	72
Cimarron	68	63	44	−30.17	18,939	17,207	11,493	7
Cleveland	898	1,075	1,280	19.06	7,044	7,972	9,143	25
Coal	32	34	37	9.03	5,112	5,709	6,270	67
Comanche	721	787	889	12.93	6,272	7,050	7,857	49
Cotton	57	55	54	−.96	7,873	7,451	7,448	54
Craig	122	134	145	7.72	8,003	8,987	9,611	19
Creek	389	450	534	18.84	6,663	7,570	8,725	34
Custer	195	221	259	17.29	7,567	8,462	9,636	18
Delaware	111	120	139	15.88	4,635	4,968	5,773	73
Dewey	55	58	64	9.62	9,048	9,818	10,472	15
Ellis	48	54	66	23.01	8,312	9,620	10,793	12
Garfield	558	647	758	17.29	8,965	10,287	12,049	5
Garvin	207	228	268	17.59	7,558	8,157	9,120	26
Grady	278	300	352	17.21	7,201	7,561	8,688	35
Grant	83	78	83	6.01	12,644	12,113	11,523	6
Greer	49	48	51	6.49	7,069	7,006	7,245	56
Harmon	38	36	36	−.46	7,806	8,126	7,049	59
Harper	50	55	56	2.85	10,561	11,627	11,064	9
Haskell	62	68	75	11.18	5,701	6,142	6,663	62
Hughes	83	90	105	16.24	5,787	6,271	7,172	58
Jackson	203	215	234	8.94	6,753	7,128	7,882	46
Jefferson	56	61	71	15.92	6,835	7,528	8,742	33
Johnston	47	53	58	8.74	4,533	5,127	5,431	74
Kay	486	549	630	14.70	9,861	11,025	12,228	4
Kingfisher	117	138	165	19.74	8,465	9,752	10,983	10
Kiowa	87	90	97	7.47	6,847	7,120	7,573	53
Latimer	49	54	61	13.46	5,122	5,468	6,155	70
Le Flore	197	217	253	16.43	4,899	5,317	6,277	65
Lincoln	161	185	216	16.80	6,270	6,876	8,002	44
Logan	155	175	205	16.67	5,995	6,478	7,403	55
Love	46	51	56	9.19	6,098	6,817	7,735	50
McClain	134	152	180	18.35	6,733	7,464	8,529	36
McCurtain	186	197	224	13.94	5,086	5,466	6,247	69
McIntosh	81	89	102	14.12	5,312	5,700	6,305	64
Major	72	74	84	13.33	8,088	8,427	9,224	24
Marshall	62	68	80	17.22	5,885	6,372	7,008	60
Mayes	207	235	258	9.79	6,555	7,241	7,875	48
Murray	67	83	99	19.45	5,603	6,740	7,888	45
Muskogee	484	543	608	11.97	7,350	8,105	9,042	30
Noble	101	97	105	7.68	8,811	8,367	9,076	28
Nowata	79	91	109	19.23	7,070	7,873	9,263	22
Okfuskee	59	66	75	14.57	5,199	5,946	6,634	63
Oklahoma	5,602	6,557	7,580	15.61	10,010	11,511	13,093	3
Okmulgee	252	287	332	15.70	6,512	7,316	8,275	38
Osage	236	273	320	17.07	6,199	6,883	8,252	41
Ottawa	240	257	287	11.54	7,322	7,819	8,773	32
Pawnee	101	110	126	14.34	6,584	7,137	8,009	43
Payne	380	427	492	15.43	6,192	6,813	7,674	52
Pittsburg	234	255	290	13.79	5,717	6,307	7,193	57
Pontotoc	226	259	297	14.61	7,015	7,927	8,970	31
Pottawatomie	395	453	526	15.95	7,339	8,172	9,115	27
Pushmataha	46	49	57	15.61	4,015	4,147	4,658	77
Roger Mills	40	40	53	32.15	9,298	8,194	7,698	51
Rogers	309	354	408	14.96	6,848	7,537	8,528	37
Seminole	180	209	256	22.26	6,692	7,606	9,241	23
Sequoyah	153	168	195	16.40	4,968	5,425	6,271	66
Stephens	365	423	491	16.21	8,628	9,669	10,886	11
Texas	245	263	206	−21.70	13,844	14,893	11,403	8
Tillman	111	104	102	−1.32	9,083	8,335	8,257	39
Tulsa	4,793	5,646	6,548	15.97	10,544	11,898	13,511	2
Wagoner	200	226	261	15.46	5,023	5,316	5,875	71
Washington	523	620	739	19.13	11,288	12,746	14,538	1
Washita	109	109	121	10.60	8,222	7,842	7,877	47
Woods	92	100	105	4.96	8,651	9,154	9,504	21
Woodward	164	191	240	25.95	8,047	8,923	10,519	14
Oregon	**22,338**	**24,464**	**26,529**	**8.44**	**8,664**	**9,275**	**10,009**	.....
Sum of SMSA counties	**15,324**	**16,901**	**18,364**	**8.66**	**9,172**	**9,879**	**10,678**	.....
Sum of Non-SMSA counties	**7,014**	**7,563**	**8,164**	**7.96**	**7,729**	**8,159**	**8,773**	.....
Baker	121	127	136	6.97	7,490	7,876	8,315	32
Benton	485	540	610	12.90	7,116	7,939	8,776	19
Clackamas	2,176	2,416	2,643	9.43	9,188	9,961	10,811	5
Clatsop	265	286	310	8.28	8,229	8,811	9,559	9
Columbia	292	315	339	7.52	8,226	8,830	9,355	11
Coos	509	511	541	5.71	8,017	7,999	8,561	26
Crook	104	107	116	8.50	8,102	8,145	8,763	20
Curry	129	139	153	10.19	7,753	8,127	8,798	17
Deschutes	477	505	543	7.67	8,155	7,996	8,475	28
Douglas	703	767	793	3.31	7,638	8,179	8,644	25
Gilliam	17	18	21	12.17	8,208	9,061	10,219	7
Grant	61	64	69	7.48	7,597	7,845	8,447	30
Harney	65	68	69	.55	8,176	8,191	8,560	27
Hood River	144	156	169	7.90	8,804	9,926	10,851	4
Jackson	974	1,072	1,155	7.76	7,495	8,081	8,676	24
Jefferson	83	89	100	12.53	7,283	7,687	8,473	29
Josephine	375	410	449	9.55	6,485	6,956	7,441	36
Klamath	456	483	515	6.62	7,742	8,196	8,784	18
Lake	57	61	66	8.96	7,994	7,998	8,713	22
Lane	2,161	2,320	2,489	7.30	8,069	8,404	9,026	14
Lincoln	272	302	336	11.26	8,090	8,504	9,462	10
Linn	666	732	789	7.82	7,488	8,177	8,744	21
Malheur	177	198	211	6.59	6,754	7,346	7,774	35
Marion	1,610	1,766	1,930	9.28	8,106	8,595	9,277	12
Morrow	73	81	80	−1.56	10,209	10,600	10,917	3
Multnomah	5,795	6,422	6,996	8.94	10,408	11,436	12,548	1
Polk	318	342	373	9.00	7,068	7,588	7,826	34
Sherman	18	17	19	8.50	8,546	7,916	8,282	33
Tillamook	165	176	193	9.73	8,001	8,293	9,193	13
Umatilla	446	473	520	9.87	7,771	8,013	8,707	23
Union	173	185	203	10.20	7,406	7,711	8,353	31
Wallowa	55	59	66	11.66	7,900	8,120	8,972	15
Wasco	197	215	236	9.82	9,312	9,879	10,568	6
Washington	2,290	2,563	2,778	·8.36	9,711	10,360	10,970	2
Wheeler	12	13	14	10.28	7,492	8,879	9,982	8
Yamhill	418	464	499	7.62	7,831	8,343	8,956	16
Pennsylvania	**101,366**	**111,594**	**123,057**	**10.27**	**8,537**	**9,394**	**10,366**	.....
Sum of SMSA counties	**86,138**	**95,032**	**104,806**	**10.29**	**8,855**	**9,768**	**10,769**	.....
Sum of Non-SMSA counties	**15,228**	**16,562**	**18,250**	**10.19**	**7,095**	**7,700**	**8,534**	.....
Adams	484	535	597	11.66	7,180	7,790	8,519	41
Allegheny	14,314	15,828	17,461	10.32	9,842	10,928	12,109	3
Armstrong	561	602	651	8.16	7,188	7,735	8,432	43
Beaver	1,718	1,854	2,071	11.72	8,394	9,067	10,232	12
Bedford	278	299	338	12.88	5,938	6,372	7,287	62
Berks	2,782	3,084	3,426	11.07	8,915	9,843	10,856	9
Blair	950	1,024	1,115	8.90	6,887	7,495	8,243	46
Bradford	419	457	513	12.29	6,705	7,251	8,132	50
Bucks	4,393	4,903	5,436	10.87	9,263	10,193	11,137	6
Butler	1,125	1,225	1,340	9.41	7,615	8,254	8,972	28
Cambria	1,419	1,489	1,587	6.63	7,616	8,146	8,750	35
Cameron	51	56	60	8.04	7,540	8,359	8,867	31
Carbon	407	446	478	7.20	7,595	8,364	8,952	29
Centre	716	807	888	10.04	6,366	7,133	7,765	57
Chester	3,088	3,423	3,802	11.10	10,003	10,738	11,809	4
Clarion	319	338	370	9.44	7,415	7,781	8,455	42
Clearfield	599	651	725	11.22	7,166	7,781	8,779	33
Clinton	271	287	314	9.61	7,098	7,335	8,160	48
Columbia	416	455	490	7.68	6,756	7,324	7,881	54
Crawford	613	663	739	11.46	6,954	7,445	8,270	45
Cumberland	1,680	1,866	2,073	11.10	9,623	10,431	11,453	5
Dauphin	2,030	2,260	2,506	10.90	8,768	9,689	10,617	10
Delaware	5,584	6,289	6,930	10.19	10,041	11,338	12,532	2
Elk	297	320	358	11.85	7,792	8,321	9,261	24
Erie	2,267	2,440	2,662	9.10	8,131	8,705	9,485	22

See footnotes at end of table.

Table 2.—Total Personal Income and Per Capita Personal by County for Selected Years—Continued

Area title	Total personal income: Millions of dollars 1979	1980	1981	Percent change[1] 1980–81	Per capita personal income: Dollars 1979	1980	1981	Rank in State 1981
Fayette	1,067	1,169	1,244	6.37	6,555	7,288	7,956	52
Forest	33	37	41	12.58	6,619	7,297	8,048	51
Franklin	892	996	1,108	11.29	7,953	8,729	9,958	14
Fulton	71	81	90	10.33	5,629	6,309	7,010	66
Greene	252	277	305	10.09	6,157	6,869	7,662	58
Huntingdon	254	275	304	10.46	6,151	6,479	7,277	63
Indiana	667	719	790	9.85	7,266	7,762	8,632	37
Jefferson	349	372	413	10.85	7,176	7,695	8,614	38
Juniata	138	147	160	8.97	7,171	7,660	8,314	44
Lackawanna	1,698	1,871	2,051	9.61	7,392	8,219	8,988	27
Lancaster	3,087	3,393	3,768	11.05	8,590	9,324	10,324	11
Lawrence	778	833	929	11.62	7,306	7,756	8,764	34
Lebanon	863	940	1,029	9.48	7,838	8,539	9,396	23
Lehigh	2,455	2,733	3,022	10.59	9,000	9,959	11,015	7
Luzerne	2,603	2,814	3,083	9.55	7,531	8,203	9,081	26
Lycoming	887	954	1,046	9.71	7,416	8,045	8,949	30
McKean	396	426	480	12.59	7,794	8,432	9,508	21
Mercer	993	1,101	1,226	11.43	7,768	8,559	9,609	18
Mifflin	306	334	367	9.85	6,569	7,101	7,780	56
Monroe	509	577	646	11.99	7,501	8,232	9,123	25
Montgomery	7,626	8,495	9,467	11.43	11,927	13,168	14,530	1
Montour	115	129	145	12.77	6,846	7,718	8,794	32
Northampton	2,040	2,271	2,471	8.81	9,084	10,057	10,967	8
Northumberland	715	794	865	9.01	7,013	7,915	8,555	39
Perry	238	257	282	9.54	6,681	7,165	7,868	55
Philadelphia	13,759	15,123	16,635	10.00	8,041	8,976	9,901	15
Pike	116	126	142	12.33	6,556	6,842	7,351	61
Potter	106	113	127	12.32	6,043	6,373	7,071	65
Schuylkill	1,141	1,247	1,377	10.45	7,055	7,762	8,689	36
Snyder	222	239	269	12.60	6,647	7,087	7,925	53
Somerset	600	635	695	9.53	7,410	7,803	8,554	40
Sullivan	36	39	44	12.77	5,458	6,106	7,004	67
Susquehanna	225	238	272	14.19	5,971	6,263	7,379	60
Tioga	265	287	311	8.37	6,493	7,006	7,419	59
Union	225	248	272	9.92	6,760	7,519	8,218	47
Venango	510	551	611	10.81	7,894	8,571	9,540	19
Warren	373	408	456	11.76	7,913	8,594	9,523	20
Washington	1,782	1,922	2,089	8.68	8,123	8,863	9,739	17
Wayne	229	248	282	13.88	6,417	7,017	8,140	49
Westmoreland	3,194	3,517	3,839	9.15	8,135	8,947	9,756	16
Wyoming	161	173	189	9.17	6,096	6,532	7,196	64
York	2,610	2,885	3,182	10.29	8,412	9,179	10,073	13
Rhode Island	**7,902**	**8,724**	**9,678**	**10.94**	**8,260**	**9,197**	**10,156**	.....
Sum of SMSA counties	**7,257**	**7,992**	**8,839**	**10.61**	**8,298**	**9,217**	**10,150**	.....
Sum of Non-SMSA counties	**645**	**732**	**839**	**14.50**	**7,849**	**8,988**	**10,213**	.....
Bristol	417	452	512	13.10	8,903	9,632	10,954	1
Kent	1,343	1,480	1,649	11.36	8,702	9,575	10,637	2
Newport	645	732	839	14.50	7,849	8,988	10,213	3
Providence	4,770	5,235	5,756	9.96	8,215	9,158	10,019	4
Washington	728	824	923	12.02	7,840	8,776	9,756	5
South Carolina	**20,548**	**22,722**	**25,456**	**12.03**	**6,657**	**7,266**	**8,039**	.....
Sum of SMSA counties	**13,091**	**14,615**	**16,316**	**11.64**	**7,120**	**7,819**	**8,629**	.....
Sum of Non-SMSA counties	**7,457**	**8,107**	**9,140**	**12.74**	**5,974**	**6,444**	**7,164**	.....
Abbeville	130	141	158	12.37	5,691	6,236	6,958	25
Aiken	796	879	987	12.30	7,648	8,300	9,202	5
Allendale	49	47	61	30.57	4,554	4,343	5,566	40
Anderson	876	967	1,059	9.59	6,744	7,218	7,738	17
Bamberg	93	94	106	12.73	5,130	5,208	5,875	37
Barnwell	128	134	149	11.23	6,246	6,764	7,548	21
Beaufort	520	553	664	20.07	7,934	8,454	9,708	1
Berkeley	437	505	562	11.30	4,802	5,275	5,680	39
Calhoun	76	79	95	19.80	6,334	6,479	7,836	14
Charleston	2,027	2,269	2,567	13.14	7,275	8,191	9,287	4
Cherokee	275	297	322	8.33	6,681	7,250	7,709	18
Chester	199	217	242	11.51	6,584	7,222	7,955	13
Chesterfield	217	236	265	11.91	5,769	6,191	6,854	30
Clarendon	121	123	147	20.11	4,319	4,469	5,338	46
Colleton	161	175	196	11.70	5,115	5,513	6,142	36
Darlington	362	389	434	11.52	5,767	6,191	6,918	26
Dillon	143	152	173	14.08	4,637	4,878	5,553	41
Dorchester	364	412	484	17.46	6,561	6,995	7,991	12
Edgefield	99	112	124	10.64	5,931	6,366	6,836	31
Fairfield	128	139	154	10.40	6,209	6,723	7,423	22
Florence	676	749	850	13.56	6,200	6,780	7,669	19
Georgetown	243	274	299	9.37	5,740	6,434	6,869	29
Greenville	2,222	2,495	2,774	11.21	7,836	8,631	9,558	2
Greenwood	387	435	480	10.39	6,800	7,502	8,159	11
Hampton	108	109	126	15.73	5,950	5,980	6,757	32
Horry	639	715	820	14.79	6,434	7,015	7,806	16
Jasper	66	73	80	10.06	4,666	5,024	5,498	42
Kershaw	282	307	341	11.27	7,365	7,847	8,530	8
Lancaster	315	354	399	12.80	6,014	6,589	7,293	24
Laurens	343	378	419	10.78	6,642	7,236	7,814	15
Lee	84	87	101	15.95	4,428	4,615	5,398	44
Lexington	977	1,080	1,202	11.27	7,104	7,656	8,326	10
McCormick	38	42	45	6.68	4,797	5,402	5,815	38
Marion	180	194	215	10.58	5,255	5,679	6,290	35
Marlboro	145	154	173	12.76	4,631	4,842	5,491	43
Newberry	222	243	266	9.36	7,137	7,818	8,497	9
Oconee	296	336	377	12.24	6,230	6,887	7,656	20
Orangeburg	460	493	562	13.91	5,647	5,998	6,718	33
Pickens	475	533	590	10.78	6,085	6,693	7,338	23
Richland	2,052	2,291	2,529	10.38	7,665	8,545	9,352	3
Saluda	88	96	108	13.32	5,651	5,888	6,694	34
Spartanburg	1,449	1,613	1,772	9.82	7,260	7,989	8,640	6
Sumter	500	546	611	11.89	5,710	6,184	6,871	28
Union	181	197	217	9.93	5,825	6,430	6,888	27
Williamsburg	176	185	208	12.55	4,566	4,839	5,386	45
York	740	822	939	14.22	7,106	7,651	8,592	7
South Dakota	**5,154**	**5,335**	**6,059**	**13.57**	**7,480**	**7,734**	**8,837**	.....
Sum of SMSA counties	**980**	**1,047**	**1,171**	**11.83**	**9,174**	**9,521**	**10,614**	.....
Sum of Non-SMSA counties	**4,174**	**4,288**	**4,888**	**13.99**	**7,169**	**7,395**	**8,497**	.....
Aurora	22	22	22	.67	5,967	6,071	5,940	59
Beadle	156	166	183	10.13	8,070	8,665	9,630	9
Bennett	18	18	19	6.76	5,647	5,489	6,235	57
Bon Homme	55	53	64	19.78	6,709	6,629	8,152	32
Brookings	167	169	199	17.65	6,981	6,923	8,241	30
Brown	299	320	368	14.95	8,201	8,680	10,108	6
Brule	42	43	46	4.89	7,861	8,354	8,854	19
Buffalo	10	10	10	−3.04	5,616	5,609	5,603	61
Butte	55	59	66	10.95	6,491	7,060	8,103	34
Campbell	17	19	19	.72	7,602	8,384	8,591	25
Charles Mix	59	60	69	14.89	5,979	6,261	7,153	51
Clark	35	31	39	28.72	7,028	6,292	8,106	33
Clay	90	89	110	23.01	6,748	6,791	7,982	37
Codington	152	161	184	14.30	7,250	7,729	8,698	20
Corson	25	28	29	3.30	4,446	5,391	5,419	64
Custer	35	37	41	11.16	6,215	6,117	6,689	56
Davison	133	143	159	10.69	7,497	8,065	8,958	17
Day	52	54	62	15.94	6,412	6,652	7,832	43
Deuel	34	28	42	52.06	6,338	5,241	7,887	41
Dewey	31	34	35	2.73	6,268	6,261	7,044	53
Douglas	26	25	28	14.71	6,125	5,915	6,853	55
Edmunds	32	34	35	2.30	6,027	6,730	7,045	52
Fall River	70	76	81	7.43	8,559	8,973	10,251	3
Faulk	26	27	28	3.81	7,688	8,174	8,653	23
Grant	67	65	79	21.07	7,495	7,259	8,933	18
Gregory	41	41	46	10.74	6,913	6,825	7,659	46
Haakon	23	24	25	3.04	8,635	8,644	9,069	16
Hamlin	34	29	41	41.17	6,383	5,477	7,800	44
Hand	38	38	40	3.22	7,745	7,786	7,875	42
Hanson	20	15	20	31.99	5,803	4,544	5,980	58
Harding	13	15	16	5.97	7,957	8,770	9,898	7
Hughes	116	130	141	8.44	8,144	9,190	10,191	4
Hutchinson	67	58	70	22.07	7,274	6,169	7,703	45
Hyde	16	17	16	−3.13	7,200	8,203	8,227	31
Jackson	18	19	19	3.75	5,434	5,418	5,529	62
Jerauld	18	19	20	5.28	5,973	6,375	6,950	54
Jones	12	11	12	4.78	8,021	7,899	8,530	26
Kingsbury	51	48	59	22.10	7,601	7,246	8,681	21
Lake	77	68	86	26.26	7,286	6,368	8,016	36
Lawrence	131	144	163	13.52	7,347	7,783	9,258	13
Lincoln	103	90	117	31.25	7,839	6,357	8,658	22
Lyman	27	28	29	3.39	7,256	7,332	7,658	47
McCook	45	36	48	32.79	6,930	5,614	7,600	48
McPherson	28	32	32	.01	6,825	7,983	8,091	35
Marshall	37	37	45	19.92	6,719	6,986	8,490	28
Meade	134	146	157	7.75	6,357	7,022	7,971	38
Mellette	13	13	12	−7.81	5,855	5,859	5,474	63
Miner	27	23	28	22.15	7,234	6,067	7,942	39
Minnehaha	980	1,047	1,171	11.83	9,174	9,521	10,614	2
Moody	52	43	65	50.46	7,867	6,464	9,550	11
Pennington	570	618	682	10.36	7,775	8,865	9,496	12
Perkins	34	37	40	6.63	7,123	7,930	8,622	24
Potter	32	35	36	2.83	8,560	9,475	9,693	8
Roberts	65	66	79	20.28	5,832	6,070	7,492	49
Sanborn	22	21	23	10.43	6,579	6,456	7,220	50
Shannon	31	33	36	6.29	2,745	2,935	3,132	66
Spink	66	66	76	14.52	7,116	7,226	8,470	29
Stanley	17	19	20	1.66	7,131	7,594	7,891	40
Sully	23	28	28	−.28	12,099	14,292	14,867	1
Todd	35	35	37	6.69	4,575	4,758	5,172	65
Tripp	56	56	61	7.68	7,532	7,814	8,527	27
Turner	82	71	90	26.85	9,232	7,624	9,569	10
Union	89	84	109	30.75	8,315	7,625	10,156	5
Walworth	52	57	61	6.59	7,040	8,255	9,130	15
Yankton	141	153	175	14.28	7,502	8,079	9,134	14
Ziebach	12	13	13	.27	5,251	5,473	5,609	60
Tennessee	**31,979**	**35,027**	**38,969**	**11.25**	**7,054**	**7,622**	**8,450**	.....
Sum of SMSA counties	**22,207**	**24,530**	**27,264**	**11.15**	**7,794**	**8,495**	**9,395**	.....
Sum of Non-SMSA counties	**9,772**	**10,497**	**11,705**	**11.50**	**5,803**	**6,147**	**6,846**	.....
Anderson	585	652	712	9.30	8,857	9,659	10,439	2
Bedford	186	203	229	12.74	6,774	7,265	8,339	10
Benton	92	96	108	12.24	6,169	6,454	7,283	33
Bledsoe	40	42	49	14.98	4,308	4,444	5,203	88
Blount	532	588	654	11.24	7,077	7,530	8,430	9
Bradley	430	482	539	11.80	6,477	7,114	8,007	17
Campbell	174	191	214	12.26	5,083	5,454	6,188	69
Cannon	58	63	70	12.63	5,754	6,111	6,780	49
Carroll	180	185	207	11.97	6,296	6,561	7,479	29
Carter	248	276	309	11.79	4,994	5,503	6,061	72
Cheatham	120	133	151	13.58	5,687	6,145	7,101	40
Chester	58	63	69	8.90	4,618	4,985	5,483	82

See footnotes at end of table.

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years—Continued

Area title	Total personal income: Millions of dollars 1979	1980	1981	Percent change[1] 1980–81	Per capita personal income: Dollars 1979	1980	1981	Rank in State 1981
Claiborne	119	130	143	10.42	4,972	5,264	5,774	75
Clay	33	36	41	12.88	4,537	4,691	5,335	85
Cocke	140	152	168	10.87	4,929	5,280	5,888	74
Coffee	253	290	317	9.30	6,671	7,574	8,069	16
Crockett	82	90	99	10.30	5,456	6,050	7,127	39
Cumberland	137	153	173	13.04	4,900	5,325	6,000	73
Davidson	4,282	4,709	5,255	11.61	9,038	9,854	11,170	1
Decatur	58	61	68	12.74	5,390	5,573	6,354	62
Dekalb	76	83	92	11.35	5,733	6,074	6,746	51
Dickson	182	197	223	13.33	6,099	6,551	7,292	32
Dyer	227	233	264	13.22	6,681	6,736	7,681	27
Fayette	103	110	128	15.48	4,071	4,380	5,083	89
Fentress	56	60	67	10.85	3,875	4,065	4,546	94
Franklin	175	190	214	12.71	5,580	5,916	6,736	54
Gibson	293	306	350	14.47	5,978	6,194	7,180	36
Giles	166	177	194	9.61	6,855	7,193	7,901	21
Grainger	76	84	93	11.60	4,513	5,006	5,618	78
Greene	308	336	375	11.33	5,726	6,175	6,740	53
Grundy	58	62	73	17.31	4,213	4,482	5,281	86
Hamblen	294	313	341	9.09	5,992	6,349	6,864	47
Hamilton	2,359	2,560	2,816	10.01	8,215	8,894	9,505	5
Hancock	25	27	33	20.30	3,712	3,968	4,603	93
Hardeman	120	129	149	15.66	5,025	5,428	6,304	64
Hardin	121	130	141	8.53	5,668	5,821	6,293	66
Hawkins	223	245	275	12.36	5,223	5,574	6,163	71
Haywood	104	114	128	12.49	5,120	5,634	6,473	58
Henderson	123	117	137	16.79	5,714	5,491	6,238	67
Henry	197	201	227	12.49	6,973	7,025	7,894	22
Hickman	85	90	98	9.42	5,680	5,907	6,548	57
Houston	39	45	51	15.08	5,978	6,487	7,426	30
Humphreys	105	111	124	11.21	6,712	6,964	7,719	26
Jackson	38	41	47	13.46	4,057	4,399	5,250	87
Jefferson	182	197	217	10.31	5,967	6,284	6,846	48
Johnson	69	79	87	9.92	4,984	5,740	6,297	65
Knox	2,416	2,712	3,012	11.07	7,628	8,476	9,306	6
Lake	38	39	46	18.48	5,115	5,245	6,187	70
Lauderdale	130	130	149	14.56	5,277	5,301	6,305	63
Lawrence	218	230	242	5.27	6,415	6,763	7,044	42
Lewis	41	44	49	11.31	4,308	4,495	4,783	90
Lincoln	152	163	177	8.51	5,742	6,183	6,744	52
Loudon	184	198	227	14.42	6,549	6,942	7,831	24
McMinn	245	270	303	12.43	5,945	6,437	7,156	38
McNairy	121	127	143	12.33	5,389	5,649	6,422	60
Macon	92	99	115	16.19	6,046	6,305	7,093	41
Madison	514	563	615	9.35	6,993	7,534	8,132	14
Marion	144	156	170	9.30	6,019	6,392	6,953	45
Marshall	134	135	138	2.50	6,909	6,842	7,018	43
Maury	360	369	408	10.42	7,095	7,235	7,972	18
Meigs	39	45	48	7.49	5,703	5,947	6,869	46
Monroe	130	144	160	11.66	4,612	4,998	5,563	79
Montgomery	536	569	637	12.08	6,472	6,803	7,772	25
Moore	26	28	34	19.40	6,009	6,209	7,162	37
Morgan	65	72	78	8.29	4,016	4,326	4,660	91
Obion	238	250	279	11.89	7,076	7,662	8,670	8
Overton	82	89	100	11.51	4,704	5,085	5,699	77
Perry	31	33	40	21.13	5,010	5,375	6,381	61
Pickett	16	17	21	22.59	3,564	3,897	4,659	92
Polk	75	83	93	13.13	5,639	6,065	6,699	55
Putnam	262	296	334	13.10	5,658	6,178	6,954	44
Rhea	183	177	196	10.78	7,797	7,271	7,967	19
Roane	259	273	303	11.12	5,441	5,622	6,199	68
Robertson	233	258	293	13.57	6,480	6,947	7,843	23
Rutherford	552	613	706	15.15	6,794	7,251	8,230	12
Scott	87	96	108	12.23	4,545	5,016	5,556	80
Sequatchie	40	42	48	15.36	4,804	4,851	5,526	81
Sevier	244	272	307	12.86	6,081	6,535	7,250	34
Shelby	6,366	7,095	7,770	9.51	8,282	9,125	9,942	3
Smith	76	89	99	10.51	5,209	5,982	6,556	56
Stewart	47	53	63	20.33	5,387	6,106	7,211	35
Sullivan	1,117	1,219	1,383	13.46	7,853	8,466	9,601	4
Sumner	550	601	680	13.26	6,498	6,987	7,906	20
Tipton	186	197	227	14.80	5,646	6,044	6,749	50
Trousdale	41	45	51	13.33	6,880	7,295	8,329	11
Unicoi	99	109	125	13.85	6,013	6,698	7,530	28
Union	51	57	65	13.00	4,402	4,905	5,393	83
Van Buren	17	18	19	6.06	3,602	3,766	3,913	95
Warren	199	217	233	7.73	6,219	6,621	7,314	31
Washington	591	662	737	11.35	6,766	7,437	8,195	13
Wayne	67	72	80	11.86	4,891	5,143	5,740	76
Weakley	180	188	211	12.19	5,557	5,710	6,424	59
White	100	101	107	6.21	5,084	5,191	5,360	84
Williamson	429	481	562	16.74	7,751	8,207	9,275	7
Wilson	365	398	452	13.49	6,589	7,067	8,131	15
Texas	**118,658**	**136,278**	**158,462**	**16.28**	**8,544**	**9,516**	**10,731**	.....
Sum of SMSA counties	**98,584**	**114,269**	**132,814**	**16.23**	**8,872**	**9,966**	**11,190**	.....
Sum of Non-SMSA counties	**20,074**	**22,008**	**25,647**	**16.53**	**7,233**	**7,709**	**8,851**	.....
Anderson	241	277	329	19.01	6,353	7,163	8,319	186
Andrews	106	125	159	27.37	8,291	9,305	11,292	36
Angelina	467	516	591	14.68	7,529	7,978	8,950	145
Aransas	100	109	129	17.63	7,152	7,589	8,579	170
Archer	60	63	79	25.28	8,590	8,585	10,384	70
Armstrong	30	20	20	.87	15,621	10,038	10,475	66
Atascosa	137	162	193	18.87	5,607	6,426	7,602	211
Austin	132	153	183	19.48	7,756	8,534	9,744	100
Bailey	69	66	79	20.67	8,462	8,028	9,514	117
Bandera	50	58	67	16.51	7,547	8,032	9,518	116
Bastrop	143	164	191	16.21	5,931	6,582	7,351	225
Baylor	52	48	56	17.19	10,912	9,641	11,101	43
Bee	151	185	216	17.06	5,889	7,064	8,259	187
Bell	1,125	1,262	1,400	10.93	6,923	8,060	8,767	154
Bexar	7,338	8,446	9,636	14.09	7,509	8,523	9,452	121
Blanco	29	35	41	16.24	6,203	7,416	8,637	165
Borden	10	8	9	19.38	10,986	9,217	9,904	94
Bosque	114	115	138	20.00	8,438	8,570	10,323	74
Bowie	546	606	688	13.62	7,299	8,028	9,065	139
Brazoria	1,422	1,645	1,799	9.37	8,820	9,571	10,127	85
Brazos	542	649	790	21.75	5,981	6,862	8,013	197
Brewster	49	58	65	11.66	6,510	7,697	8,497	177
Briscoe	29	19	26	35.47	11,486	7,473	10,524	64
Brooks	41	47	54	16.48	4,945	5,502	6,325	239
Brown	224	249	293	17.69	6,862	7,496	8,713	160
Burleson	69	86	113	31.43	5,891	6,925	8,771	153
Burnet	134	156	186	18.95	7,814	8,689	10,139	83
Caldwell	135	158	189	19.41	5,863	6,669	7,765	206
Calhoun	156	178	199	12.06	8,054	9,050	9,799	99
Callahan	79	85	100	18.33	7,373	7,664	8,985	143
Cameron	1,021	1,163	1,341	15.27	4,966	5,512	6,172	242
Camp	70	80	95	18.60	7,756	8,557	10,105	87
Carson	83	75	80	5.88	12,449	11,273	11,611	28
Cass	175	198	223	12.82	6,054	6,696	7,457	218
Castro	94	77	67	−12.40	8,979	7,296	6,220	241
Chambers	132	154	191	24.69	7,431	8,172	9,707	103
Cherokee	280	320	368	14.81	7,606	8,335	9,621	107
Childress	59	57	62	8.72	8,889	8,115	8,948	146
Clay	78	83	100	20.48	8,589	8,565	10,251	79
Cochran	40	31	34	9.27	8,199	6,442	7,156	229
Coke	22	24	30	23.00	6,718	7,575	9,076	138
Coleman	70	79	90	13.82	6,595	7,618	8,507	174
Collin	1,149	1,350	1,622	20.17	8,453	9,175	10,607	57
Collingsworth	37	32	33	1.21	7,838	6,931	6,932	231
Colorado	147	168	195	15.97	8,052	8,868	10,119	86
Comal	289	337	396	17.44	8,188	9,168	10,376	71
Comanche	82	92	109	18.37	6,620	7,296	8,691	163
Concho	21	18	27	53.05	7,455	6,139	9,182	133
Cooke	223	251	290	15.88	8,358	8,982	10,324	73
Coryell	284	310	367	18.39	4,940	5,485	6,378	238
Cottle	40	24	28	17.63	13,731	8,001	9,522	114
Crane	39	48	57	20.54	8,644	10,296	11,821	21
Crockett	36	43	52	20.45	7,935	9,284	10,542	60
Crosby	73	64	89	39.20	8,364	7,201	10,156	81
Culberson	21	23	29	25.89	6,038	6,966	8,407	182
Dallam	99	88	74	−16.19	15,050	13,500	11,059	45
Dallas	16,367	19,165	21,875	14.14	10,753	12,256	13,530	7
Dawson	121	119	145	22.37	7,445	7,369	9,026	140
Deaf Smith	184	193	184	−4.62	8,686	9,127	8,716	158
Delta	31	33	38	15.23	6,534	6,791	7,965	201
Denton	1,030	1,228	1,421	15.79	7,640	8,435	9,426	123
De Witt	122	147	170	15.55	6,580	7,771	8,753	155
Dickens	27	24	26	10.05	7,847	6,779	7,511	213
Dimmit	48	54	68	25.79	4,150	4,781	6,027	247
Donley	44	40	36	−11.03	11,190	9,767	8,847	152
Duval	69	82	94	15.13	5,663	6,494	7,382	221
Eastland	129	145	169	16.69	6,773	7,395	8,406	183
Ector	1,001	1,194	1,514	26.75	8,983	10,269	12,268	14
Edwards	19	19	22	13.55	9,377	9,484	10,325	72
Ellis	436	494	593	19.97	7,592	8,200	9,708	102
El Paso	2,863	3,197	3,659	14.42	6,061	6,631	7,360	223
Erath	154	177	209	18.03	7,091	7,776	8,976	144
Falls	137	130	145	11.20	7,939	7,207	8,106	193
Fannin	157	164	193	17.73	6,640	6,701	8,067	196
Fayette	139	164	196	19.34	7,581	8,642	9,809	98
Fisher	50	43	58	34.44	8,362	7,344	9,897	96
Floyd	97	84	99	17.78	10,109	8,548	10,079	88
Foard	27	21	23	7.21	12,863	9,882	10,876	50
Fort Bend	976	1,176	1,414	20.19	8,231	8,768	9,897	95
Franklin	40	47	56	19.30	5,923	6,734	8,110	191
Freestone	100	112	129	14.74	6,923	7,491	8,431	181
Frio	71	70	83	18.33	5,110	5,094	5,965	248
Gaines	109	97	138	41.98	8,555	7,338	10,205	80
Galveston	1,810	2,055	2,362	14.93	9,292	10,465	11,592	30
Garza	42	44	53	21.15	7,814	8,200	9,741	101
Gillespie	107	124	144	16.35	8,144	9,087	10,466	67
Glasscock	26	25	31	22.07	22,436	18,973	23,004	2
Goliad	44	51	60	17.04	8,939	9,793	11,294	35
Gonzales	118	138	163	18.53	7,083	8,142	9,320	129
Gray	267	286	331	15.61	10,450	10,788	12,382	13
Grayson	702	790	891	12.72	8,025	8,739	9,558	113
Gregg	847	978	1,148	17.46	8,764	9,740	11,164	41
Grimes	90	112	136	20.81	6,807	8,216	9,586	109
Guadalupe	295	336	391	16.49	6,409	7,154	8,143	190
Hale	291	303	328	8.31	7,794	8,057	8,662	164
Hall	39	45	54	20.17	6,789	8,045	10,065	89
Hamilton	53	56	65	16.51	6,518	6,687	8,151	188
Hansford	76	75	74	−.70	12,298	12,036	12,076	17

See footnotes at end of table.

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years—Continued

Area title	Total personal income: Millions of dollars 1979	1980	1981	Percent change 1980–81	Per capita personal income: Dollars 1979	1980	1981	Rank in State 1981
Hardeman	51	51	55	9.71	8,148	7,914	8,458	180
Hardin	285	322	366	13.82	7,203	7,833	8,714	159
Harris	25,414	29,946	35,445	18.36	10,872	12,326	13,911	6
Harrison	343	398	452	13.73	6,688	7,567	8,381	185
Hartley	35	33	30	−7.75	9,059	8,156	7,352	224
Haskell	74	60	73	22.98	9,714	7,697	9,492	119
Hays	229	270	317	17.30	5,852	6,601	7,459	217
Hemphill	57	60	68	13.91	11,202	11,175	11,901	20
Henderson	244	281	326	15.86	5,920	6,523	7,370	222
Hidalgo	1,202	1,391	1,648	18.48	4,364	4,873	5,606	251
Hill	174	181	209	15.78	7,068	7,185	8,400	184
Hockley	158	181	210	16.51	6,941	7,727	8,920	147
Hood	119	141	178	26.52	7,218	7,771	9,451	122
Hopkins	159	183	209	13.84	6,412	7,230	8,109	192
Houston	136	159	191	20.16	6,351	7,068	8,552	172
Howard	275	304	365	20.21	8,230	9,198	10,859	52
Hudspeth	26	22	30	39.62	9,971	7,864	10,758	56
Hunt	389	446	517	15.87	7,179	8,036	9,015	142
Hutchinson	255	288	353	22.76	9,955	10,875	12,815	8
Irion	10	12	15	28.74	7,770	8,375	9,680	104
Jack	60	65	78	19.48	8,379	8,718	10,144	82
Jackson	99	115	132	14.85	7,491	8,566	9,596	108
Jasper	206	244	273	11.74	6,908	7,882	8,564	171
Jeff Davis	10	12	13	10.41	6,059	7,321	7,996	198
Jefferson	2,395	2,677	3,061	14.36	9,631	10,645	12,061	18
Jim Hogg	33	39	46	17.71	6,731	7,551	8,889	149
Jim Wells	245	288	344	19.53	6,879	7,851	9,286	131
Johnson	507	591	676	14.41	7,729	8,658	9,585	110
Jones	138	136	161	17.72	8,036	7,887	9,208	132
Karnes	85	103	116	12.67	6,434	7,523	8,464	179
Kaufman	293	338	387	14.59	7,800	8,580	9,571	112
Kendall	99	114	135	18.11	9,549	10,607	12,105	16
Kennedy	7	7	8	6.67	12,105	14,013	15,680	5
Kent	8	7	9	15.65	6,302	6,676	7,467	216
Kerr	241	278	323	16.11	8,717	9,567	11,095	44
Kimble	28	30	34	13.37	6,951	7,310	8,148	189
King	2	6	7	20.12	6,529	14,102	15,978	4
Kinney	16	15	17	13.32	7,106	6,537	7,402	220
Kleberg	224	240	286	19.27	6,773	7,185	8,504	175
Knox	56	48	60	22.88	10,540	9,132	11,238	38
Lamar	270	310	343	10.61	6,535	7,322	8,090	194
Lamb	135	160	171	6.96	7,312	8,568	9,296	130
Lampasas	76	87	98	12.90	5,939	7,351	8,486	178
La Salle	25	28	33	16.92	4,496	5,151	5,948	249
Lavaca	123	147	165	12.39	6,449	7,716	9,115	135
Lee	75	87	113	29.62	7,545	7,833	9,023	141
Leon	65	71	87	23.17	6,964	7,322	8,742	157
Liberty	377	443	528	19.29	8,237	9,318	10,879	49
Limestone	118	136	162	19.16	5,921	6,706	7,922	204
Lipscomb	49	42	41	−2.17	14,650	10,999	9,125	134
Live Oak	58	70	87	23.21	6,710	7,179	8,691	162
Llano	82	93	108	15.24	8,054	9,152	10,524	63
Loving	2	2	2	14.17	24,874	23,813	26,042	1
Lubbock	1,658	1,874	2,072	10.57	7,899	8,838	9,655	105
Lynn	61	53	66	23.92	7,146	6,163	7,722	208
McCulloch	64	68	79	16.68	7,324	7,756	8,911	148
McLennan	1,281	1,446	1,641	13.52	7,569	8,444	9,494	118
McMullen	12	10	10	−3.66	15,151	13,295	12,395	12
Madison	64	72	78	8.56	6,372	6,694	7,028	230
Marion	50	57	64	12.22	4,962	5,432	6,054	245
Martin	49	41	58	42.82	10,440	8,695	11,634	27
Mason	23	29	31	9.72	6,719	7,736	8,695	161
Matagorda	285	326	374	14.81	7,842	8,492	9,472	120
Maverick	95	115	124	8.23	3,203	3,605	3,741	254
Medina	146	155	182	17.06	6,357	6,681	7,758	207
Menard	22	22	23	5.02	9,215	9,302	9,947	93
Midland	936	1,162	1,455	25.18	11,865	13,921	16,467	3
Milam	170	195	215	10.52	7,709	8,497	9,424	124
Mills	41	41	47	13.92	9,540	9,116	10,129	84
Mitchell	76	74	80	7.92	8,325	8,201	8,851	151
Montague	125	142	170	19.16	7,208	8,150	9,642	106
Montgomery	1,065	1,268	1,561	23.09	8,719	9,688	11,342	34
Moore	138	150	176	17.36	8,615	9,001	10,420	68
Morris	129	147	174	17.93	8,901	10,044	11,602	29
Motley	18	16	16	5.01	9,833	7,948	8,543	173
Nacogdoches	281	322	378	17.18	6,156	6,844	7,901	205
Navarro	254	295	343	16.48	7,387	8,301	9,406	125
Newton	66	75	82	9.53	5,107	5,636	6,032	246
Nolan	138	156	176	13.09	7,987	8,970	10,061	90
Nueces	2,145	2,436	2,851	17.06	8,108	9,051	10,400	69
Ochiltree	98	102	123	20.14	10,680	10,563	11,782	22
Oldham	31	16	18	12.49	14,089	7,235	8,499	176
Orange	701	783	903	15.32	8,475	9,300	10,307	76
Palo Pinto	179	197	228	15.82	7,588	8,155	9,083	137
Panola	140	156	181	15.95	7,001	7,465	8,635	166
Parker	309	347	405	16.77	7,315	7,652	8,614	167
Parmer	77	75	88	17.65	7,133	6,779	7,925	203
Pecos	107	117	149	26.56	7,575	7,989	9,575	111
Polk	149	168	194	15.38	6,313	6,812	7,676	209
Potter	915	999	1,127	12.83	9,380	10,088	11,218	40
Presidio	37	35	44	27.70	7,336	6,671	8,590	168
Rains	28	33	39	18.89	5,698	6,793	7,954	202
Randall	641	685	792	15.54	8,813	9,040	10,052	91
Reagan	40	41	52	27.54	10,528	9,789	11,588	31
Real	14	14	17	20.09	5,856	5,754	6,509	237
Red River	84	91	108	17.80	5,292	5,666	6,759	233
Reeves	99	111	120	8.11	6,270	7,003	7,550	212
Refugio	72	87	101	16.48	8,156	9,251	10,313	75
Roberts	23	14	12	−9.49	21,128	11,521	10,542	61
Robertson	88	104	117	12.12	5,993	7,093	7,996	199
Rockwall	124	149	179	20.06	9,169	10,002	11,265	37
Runnels	87	98	111	13.30	7,369	8,229	9,375	126
Rusk	299	341	401	17.42	7,276	8,227	9,519	115
Sabine	52	57	63	10.86	6,055	6,524	7,311	226
San Augustine	49	52	59	14.35	5,624	5,894	6,624	235
San Jacinto	52	63	72	15.23	4,903	5,397	6,089	244
San Patricio	403	442	508	14.82	7,160	7,555	8,586	169
San Saba	39	41	46	13.44	7,132	7,085	7,662	210
Schleicher	23	24	34	41.01	8,330	8,496	11,756	24
Scurry	152	166	199	19.96	8,421	9,125	10,876	51
Shackelford	36	38	48	27.49	9,616	9,624	12,158	15
Shelby	132	150	174	16.34	5,822	6,457	7,508	214
Sherman	39	40	41	4.46	12,175	12,602	12,779	9
Smith	1,066	1,204	1,401	16.39	8,465	9,305	10,605	58
Somervell	35	39	44	13.62	8,980	9,170	10,272	78
Starr	85	97	111	14.42	3,283	3,533	3,884	253
Stephens	79	84	102	20.42	8,215	8,447	9,836	97
Sterling	10	11	13	17.41	8,444	9,215	10,303	77
Stonewall	20	19	25	37.62	8,482	7,645	10,534	62
Sutton	44	52	60	14.46	8,653	10,041	10,988	47
Swisher	134	99	118	19.05	13,477	10,246	12,516	11
Tarrant	7,765	8,961	10,239	14.26	9,298	10,329	11,219	39
Taylor	955	1,090	1,278	17.24	8,788	9,786	11,140	42
Terrell	16	16	16	−.3	10,153	9,769	9,371	127
Terry	125	116	155	34.29	8,584	7,936	10,843	54
Throckmorton	26	20	26	27.10	12,980	9,891	11,961	19
Titus	177	203	237	16.44	8,417	9,427	10,857	53
Tom Green	675	774	921	19.02	8,141	9,070	10,522	65
Travis	3,539	4,085	4,771	16.78	8,541	9,657	11,055	46
Trinity	51	60	70	15.84	5,659	6,320	7,286	227
Tyler	94	108	120	10.46	5,993	6,637	7,278	228
Upshur	166	189	220	15.97	5,956	6,567	7,423	219
Upton	41	44	59	33.50	9,092	9,572	12,651	10
Uvalde	145	147	166	12.60	6,590	6,538	7,491	215
Val Verde	190	216	244	12.82	5,397	5,986	6,734	234
Van Zandt	200	223	260	16.53	6,454	7,063	8,075	195
Victoria	567	663	808	21.93	8,490	9,548	11,359	32
Walker	217	250	291	16.15	5,395	5,926	6,841	232
Waller	119	136	166	21.47	6,753	6,806	7,987	200
Ward	108	126	160	27.12	8,211	8,908	10,905	48
Washington	182	214	258	20.35	8,402	9,690	11,345	33
Webb	465	541	634	17.18	4,798	5,417	6,148	243
Wharton	286	320	384	20.28	7,246	7,903	9,365	128
Wheeler	77	74	79	6.40	11,144	10,258	10,767	55
Wichita	1,078	1,225	1,421	16.03	8,889	10,133	11,669	26
Wilbarger	132	135	163	20.87	8,245	8,448	10,013	92
Willacy	81	85	98	14.75	4,639	4,863	5,615	250
Williamson	503	599	710	18.62	7,096	7,664	8,749	156
Wilson	78	89	109	22.20	4,934	5,275	6,524	236
Winkler	79	90	111	23.33	8,192	9,042	10,597	59
Wise	173	199	245	22.82	6,728	7,439	8,883	150
Wood	179	197	227	15.68	7,515	7,900	9,091	136
Yoakum	76	75	99	31.95	9,489	8,953	11,712	25
Young	174	192	230	19.58	9,681	10,009	11,775	23
Zapata	28	32	37	17.34	4,362	4,713	5,263	252
Zavala	66	61	72	19.41	5,738	5,194	6,286	240
Utah	**10,007**	**11,226**	**12,632**	**12.52**	**7,067**	**7,626**	**8,322**	.....
Sum of SMSA counties	**8,136**	**9,091**	**10,227**	**12.49**	**7,266**	**7,818**	**8,545**	.....
Sum of non-SMSA counties	**1,871**	**2,135**	**2,405**	**12.66**	**6,314**	**6,903**	**7,490**	.....
Beaver	25	27	28	4.58	5,783	6,124	6,269	24
Box Elder	236	272	304	11.99	7,268	8,133	8,818	6
Cache	325	368	405	10.16	5,888	6,392	6,790	18
Carbon	177	200	230	14.58	8,009	8,992	10,262	1
Daggett	5	6	6	3.71	6,168	7,489	7,405	15
Davis	999	1,128	1,272	12.77	7,116	7,615	8,322	10
Duchesne	78	91	106	16.58	6,112	7,271	8,520	8
Emery	70	78	98	24.94	6,727	6,677	7,664	13
Garfield	21	26	28	7.74	5,884	7,047	6,923	17
Grand	59	72	75	5.36	7,362	8,607	8,711	7
Iron	99	110	117	6.71	5,901	6,283	6,459	21
Juab	29	33	39	16.99	5,292	5,961	6,727	19
Kane	23	26	29	10.01	5,571	6,528	7,008	16
Millard	48	54	57	6.52	5,370	5,965	6,063	26
Morgan	35	39	43	10.88	7,435	7,869	8,345	9
Piute	7	8	9	9.51	5,311	6,211	6,365	22
Rich	9	9	10	9.75	4,578	4,343	4,489	29
Salt Lake	4,718	5,294	5,968	12.73	7,862	8,492	9,267	2
San Juan	52	62	67	8.57	4,454	4,987	5,215	27
Sanpete	70	73	80	9.35	5,073	4,936	5,112	28
Sevier	94	104	116	11.11	6,528	7,034	7,621	14
Summit	68	81	95	17.37	7,246	7,820	8,836	5
Tooele	166	192	222	15.62	6,443	7,363	8,308	11
Uintah	141	165	196	18.95	7,148	7,947	9,058	4
Utah	1,174	1,273	1,426	11.98	5,583	5,776	6,317	23

See footnotes at end of table.

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years—Continued

Area title	Total personal income: Millions of dollars 1979	1980	1981	Percent change[1] 1980–81	Per capita personal income: Dollars 1979	1980	1981	Rank in State 1981
Wasatch	52	61	75	22.48	6,231	7,146	8,044	12
Washington	136	158	178	12.92	5,648	5,935	6,493	20
Wayne	11	12	13	8.11	6,140	6,454	6,128	25
Weber	1,079	1,204	1,339	11.22	7,535	8,312	9,074	3
Vermont	**3,600**	**3,988**	**4,499**	**12.80**	**7,118**	**7,789**	**8,726**	.....
Sum of SMSA counties	**889**	**998**	**1,143**	**14.55**	**7,850**	**8,612**	**9,704**	.....
Sum of non-SMSA counties	**2,711**	**2,991**	**3,356**	**12.21**	**6,907**	**7,548**	**8,437**	.....
Addision	186	207	231	11.70	6,526	6,986	7,839	10
Bennington	248	269	304	12.88	7,479	8,085	9,060	3
Caledonia	159	172	193	12.46	6,148	6,654	7,545	11
Chittenden	889	998	1,143	14.55	7,850	8,612	9,704	1
Essex	34	38	42	9.16	5,687	5,974	6,888	13
Franklin	225	247	280	13.34	6,609	7,082	7,937	9
Grand Isle	28	32	36	12.58	6,426	6,773	7,957	8
Lamoille	110	121	140	16.15	6,507	7,204	8,307	7
Orange	137	150	167	11.96	6,046	6,552	7,416	12
Orleans	132	141	156	10.43	5,571	6,027	6,823	14
Rutland	423	472	525	11.14	7,265	8,105	8,913	5
Washington	385	425	478	12.40	7,424	8,114	9,005	4
Windham	260	287	322	12.14	7,081	7,773	8,534	6
Windsor	385	431	483	12.15	7,598	8,438	9,386	2
Virginia	**44,752**	**50,254**	**56,267**	**11.96**	**8,405**	**9,373**	**10,363**	.....
Sum of SMSA counties	**34,212**	**38,643**	**43,365**	**12.22**	**9,254**	**10,353**	**11,439**	.....
Sum of non-SMSA counties	**10,540**	**11,612**	**12,902**	**11.11**	**6,476**	**7,128**	**7,873**	.....
Accomack	203	215	251	16.73	6,449	6,870	8,106	67
Albemarle	392	454	504	10.99	7,120	8,075	8,896	54
Alleghany	78	80	88	9.86	5,323	5,602	6,123	129
Amelia	50	53	59	12.11	5,983	6,295	7,443	87
Amherst	179	189	203	7.57	6,181	6,443	6,897	107
Appomattox	76	81	90	11.70	6,280	6,744	7,530	85
Arlington	2,394	2,705	3,000	10.94	15,533	17,731	19,519	1
Augusta	334	367	395	7.62	6,322	6,788	7,146	100
Bath	42	42	43	3.82	7,523	7,019	7,851	73
Bedford	224	248	261	5.18	6,525	7,049	7,302	92
Bland	31	33	38	13.66	4,843	5,229	5,891	131
Botetourt	144	163	182	11.50	6,242	6,975	7,495	86
Brunswick	82	86	101	17.98	5,098	5,512	6,336	126
Buchanan	278	311	348	12.03	7,277	8,185	9,070	50
Buckingham	58	61	68	10.61	4,944	5,208	5,674	133
Campbell	325	350	390	11.46	7,180	7,687	8,488	65
Caroline	113	124	137	10.94	6,119	6,904	7,599	83
Carroll	134	146	158	8.35	4,929	5,342	5,545	134
Charles City	33	36	41	12.75	4,936	5,422	6,184	128
Charlotte	67	71	82	15.74	5,393	5,786	6,735	111
Chesterfield	1,220	1,412	1,607	13.82	9,095	9,838	10,735	24
Clarke	71	85	90	5.69	7,124	8,492	8,966	52
Craig	22	24	27	12.90	5,716	5,947	7,190	96
Culpeper	160	181	200	10.40	6,978	7,982	8,849	56
Cumberland	36	40	43	9.88	4,765	4,989	5,523	135
Dickenson	115	129	142	9.87	5,717	6,507	7,054	103
Dinwiddie	141	158	179	13.37	6,375	6,959	7,757	78
Essex	49	54	63	15.80	5,396	6,110	7,117	101
Fairfax	7,042	8,047	9,096	13.03	12,123	13,366	14,731	5
Fauquier	282	321	356	11.01	8,034	8,867	9,820	38
Floyd	58	64	70	9.51	5,016	5,543	5,820	132
Fluvanna	57	64	72	13.06	5,680	6,203	7,006	104
Franklin	204	217	238	9.68	5,684	6,053	6,626	117
Frederick	225	252	276	9.62	6,689	7,307	8,043	68
Giles	111	123	136	10.81	6,139	6,917	7,714	80
Gloucester	143	158	179	12.83	7,239	7,801	8,503	63
Goochland	87	95	107	12.24	7,433	8,047	9,042	51
Grayson	80	89	97	8.94	4,974	5,373	6,316	127
Greene	39	44	49	11.87	5,238	5,707	6,498	121
Greensville	47	48	57	18.27	4,342	4,410	5,159	136
Halifax	153	164	201	22.56	4,953	5,406	6,535	120
Hanover	442	500	551	10.13	8,645	9,924	10,724	25
Henrico	1,875	2,089	2,330	11.57	10,443	11,526	12,481	10
Henry	372	408	449	9.91	6,428	7,069	7,781	76
Highland	20	20	20	3.38	7,503	6,573	6,829	109
Isle of Wight	138	156	174	12.01	6,310	7,201	7,924	71
James City	134	149	171	15.03	6,162	6,480	7,359	91
King and Queen	36	39	46	17.02	5,913	6,597	7,772	77
King George	84	92	107	16.89	8,196	8,617	9,955	34
King William	67	72	82	14.27	7,314	7,651	8,607	60
Lancaster	79	91	106	15.45	7,628	9,045	10,536	28
Lee	131	141	159	12.16	5,038	5,433	6,068	130
Loudoun	560	635	707	11.43	9,929	10,991	12,273	12
Louisa	102	112	129	15.01	5,578	6,313	7,232	94
Lunenberg	66	69	81	16.39	5,441	5,715	6,476	122
Madison	54	61	68	10.57	5,249	5,988	6,708	113
Mathews	53	59	67	14.75	6,544	7,356	8,305	66
Mecklenburg	175	191	221	15.86	5,799	6,505	7,710	81
Middlesex	48	54	62	15.55	6,460	6,930	7,827	75
Montgomery	341	383	425	10.89	5,449	6,001	6,588	118
Nelson	67	74	81	9.10	5,385	6,091	6,641	115
New Kent	55	61	68	11.71	6,561	6,823	7,690	82
Northampton	84	88	108	22.41	5,591	6,084	7,236	93
Northumberland	66	72	85	18.89	6,743	7,306	8,493	64
Nottoway	87	92	105	14.17	5,945	6,281	7,156	99
Orange	127	142	157	10.89	7,088	7,921	8,571	61
Page	113	124	134	8.28	5,857	6,393	6,865	108
Patrick	95	102	116	13.96	5,366	5,791	6,637	116
Pittsylvania	360	388	459	18.41	5,425	5,854	6,930	106
Powhatan	73	83	91	10.20	5,641	6,300	6,782	110
Prince Edward	94	101	112	10.57	5,725	6,156	6,730	112
Prince George	139	154	169	10.15	5,375	5,951	6,447	123
Prince William	1,216	1,382	1,561	12.93	8,511	9,502	10,234	31
Pulaski	218	232	254	9.52	6,073	6,580	7,184	97
Rappahannock	42	47	50	6.53	6,923	7,689	8,622	59
Richmond	41	45	54	19.88	6,022	6,419	7,753	79
Roanoke	577	634	693	9.18	7,926	8,661	9,283	47
Rockbridge	106	110	119	8.15	5,929	6,109	6,653	114
Rockingham	382	432	457	5.93	6,660	7,563	7,843	74
Russell	172	191	206	7.78	5,479	5,979	6,391	125
Scott	150	155	178	14.99	5,924	6,166	7,068	102
Shenandoah	181	200	218	9.43	6,624	7,216	7,880	72
Smyth	185	201	220	9.66	5,469	6,023	6,576	119
Southampton	109	116	137	18.05	5,845	6,226	7,431	88
Spotsylvania	195	223	251	12.48	5,849	6,382	6,973	105
Stafford	301	349	396	13.44	7,664	8,528	9,403	45
Surry	34	36	44	20.98	5,691	6,024	7,159	98
Sussex	67	72	86	18.87	6,128	6,650	7,942	70
Tazewell	367	406	444	9.29	7,240	8,023	8,778	58
Warren	138	159	170	6.90	6,531	7,489	7,962	69
Washington	252	272	309	13.68	5,515	5,821	6,441	124
Westmoreland	82	88	103	16.92	5,929	6,260	7,190	95
Wise	335	366	393	7.23	7,626	8,350	8,941	53
Wythe	155	170	189	11.15	6,117	6,637	7,404	89
York	269	307	349	13.71	7,757	8,582	9,181	49
Independent Cities:								
Alexandria	1,460	1,656	1,859	12.23	14,219	16,080	17,555	4
Bedford City	56	63	70	12.16	9,419	10,487	11,052	20
Bristol	150	162	178	10.02	7,793	8,498	9,628	41
Buena Vista	43	44	49	13.21	6,327	6,474	7,388	90
Charlottesville	363	412	462	11.97	9,058	10,335	11,517	16
Chesapeake	811	912	1,031	13.10	7,087	7,968	8,853	55
Clifton Forge	44	45	47	6.02	8,571	8,903	9,598	42
Colonial Heights	168	189	218	15.34	9,970	11,516	13,088	9
Covington	85	94	99	5.48	9,314	10,331	11,059	19
Danville	358	395	438	10.74	7,799	8,656	9,523	44
Emporia	44	49	56	14.18	8,995	10,113	10,826	23
Fairfax City	268	315	353	11.88	14,493	16,175	17,949	3
Falls Church	144	161	178	10.81	15,643	16,794	18,490	2
Franklin	70	79	88	11.66	9,467	10,829	11,672	14
Fredericksburg	165	185	205	10.52	10,308	12,174	13,504	7
Galax	57	63	71	13.22	8,778	9,586	10,478	29
Hampton	997	1,124	1,246	10.90	8,031	9,189	10,172	32
Harrisonburg	143	159	178	11.67	7,318	8,074	8,826	57
Hopewell	191	216	233	7.93	8,089	9,262	9,662	40
Lexington	56	60	67	12.04	7,628	8,188	9,230	48
Lynchburg	543	608	672	10.55	8,083	9,107	10,068	33
Manassas	160	190	215	13.15	11,031	12,116	13,223	8
Manassas Park	52	57	61	6.40	7,791	8,841	9,888	37
Martinsville	165	183	205	12.12	8,673	10,110	11,436	17
Newport News	1,102	1,254	1,389	10.70	7,458	8,684	9,570	43
Norfolk	2,074	2,346	2,636	12.35	7,703	8,825	9,899	36
Norton	45	48	51	7.10	9,574	10,015	11,289	18
Petersburg	330	368	401	8.94	7,763	9,011	9,904	35
Poquoson	59	74	93	25.33	7,045	8,390	9,735	39
Portsmouth	769	871	970	11.38	7,332	8,336	9,370	46
Radford	85	94	101	8.09	6,440	7,072	7,548	84
Richmond	2,160	2,414	2,671	10.66	9,750	11,009	12,315	11
Roanoke	861	970	1,071	10.46	8,438	9,681	10,710	26
Salem	212	237	264	11.39	8,707	9,901	11,019	22
South Boston	60	67	74	10.13	8,490	9,450	10,683	27
Staunton	193	218	242	11.01	8,732	10,005	11,032	21
Suffolk	329	363	406	12.07	6,682	7,695	8,557	62
Virginia Beach	2,139	2,432	2,809	15.51	8,411	9,175	10,280	30
Waynesboro	144	162	181	11.92	9,036	10,632	11,903	13
Williamsburg	115	130	149	14.43	10,794	13,239	14,294	6
Winchester	188	209	230	10.17	9,026	10,386	11,535	15
Washington	**37,683**	**42,568**	**47,546**	**11.69**	**9,391**	**10,262**	**11,274**	.....
Sum of SMSA counties	**31,057**	**35,089**	**39,198**	**11.71**	**9,631**	**10,518**	**11,519**	.....
Sum of Non-SMSA counties	**6,626**	**7,480**	**8,349**	**11.62**	**8,409**	**9,211**	**10,253**	.....
Adams	110	136	157	15.11	8,052	10,349	11,911	6
Asotin	125	139	157	12.96	7,597	8,239	9,527	27
Benton	1,046	1,156	1,369	18.48	10,061	10,429	12,169	5
Chelan	427	469	501	6.92	9,618	10,402	10,826	12
Clallam	434	490	529	8.00	8,694	9,419	10,376	18
Clark	1,633	1,840	2,028	10.19	8,754	9,511	10,467	17
Columbia	43	50	58	15.19	11,008	12,455	15,001	2
Cowlitz	707	788	859	9.06	9,050	9,873	10,778	13
Douglas	169	184	190	3.39	7,734	8,309	8,158	36
Ferry	35	38	45	17.88	6,090	6,457	7,650	38
Franklin	291	325	374	15.22	8,556	9,222	10,166	19
Garfield	25	31	36	14.49	9,542	13,012	15,389	1
Grant	348	408	463	13.44	7,284	8,433	9,512	28
Grays Harbor	595	666	766	14.95	9,039	10,050	11,529	7
Island	336	389	445	14.42	8,074	8,721	10,006	21
Jefferson	130	146	164	12.56	8,588	9,048	9,739	24
King	13,944	15,937	17,809	11.75	11,286	12,512	13,675	4
Kitsap	1,325	1,502	1,679	11.79	9,414	10,149	10,880	11
Kittitas	178	202	221	9.65	7,202	8,142	8,773	34
Klickitat	120	135	156	16.16	7,925	8,446	9,678	26

See footnotes at end of table.

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years—Continued

Area title	Total personal income: Millions of dollars 1979	1980	1981	Percent change[1] 1980–81	Per capita personal income: Dollars 1979	1980	1981	Rank in State 1981
Lewis	474	524	586	11.81	8,819	9,450	10,599	14
Lincoln	99	121	141	16.29	10,607	12.620	14,564	3
Mason	238	269	300	11.30	7,953	8,551	9,446	32
Okanogan	252	272	299	9.79	8,424	8,857	9,679	25
Pacific	152	163	185	13.70	8,954	9,442	10,514	15
Pend Oreille	49	53	61	15.07	5,829	6,114	6,959	39
Pierce	4,017	4,502	5,027	11.66	8,490	9,243	10,163	20
San Juan	70	81	94	16.13	9,167	10,151	11,294	9
Skagit	565	639	738	15.57	9,195	9,897	11,529	8
Skamania	53	63	66	4.97	7,054	7,843	8,392	35
Snohomish	2,747	3,088	3,428	11.02	8,494	9,071	9,750	23
Spokane	2,735	3,051	3,397	11.34	8,166	8,915	9,835	22
Stevens	192	204	227	11.44	7,160	6,930	7,913	37
Thurston	1,123	1,264	1,414	11.92	9,425	10,078	10,923	10
Wahkiakum	32	33	35	8.22	8,400	8,523	9,495	29
Walla Walla	399	459	501	8.97	8,612	9,661	10,494	16
Whatcom	858	931	1,031	10.72	8,224	8,701	9,451	31
Whitman	268	328	368	12.28	6,845	8,192	9,162	33
Yakima	1,338	1,494	1,641	9.84	7,915	8,651	9,482	30
West Virginia	**13,718**	**15,036**	**16,336**	**8.64**	**7,075**	**7,709**	**8,369**	.....
Sum of SMSA counties	**5,930**	**6,412**	**6,990**	**9.02**	**8,256**	**8,867**	**9,666**	.....
Sum of Non-SMSA counties	**7,788**	**8,625**	**9,346**	**8.37**	**6,379**	**7,027**	**7,606**	.....
Barbour	100	111	119	7.75	6,169	6,619	7,081	31
Berkeley	324	357	391	9.60	7,143	7,573	8,186	14
Boone	200	227	239	4.88	6,482	7,483	7,916	18
Braxton	66	75	88	17.32	4,781	5,407	6,148	44
Brooke	247	261	286	9.86	8,106	8,358	8,990	6
Cabell	872	954	1,025	7.46	8,107	8,940	9,627	4
Calhoun	41	45	49	8.30	5,070	5,498	5,976	49
Clay	51	57	63	10.94	4,709	5,055	5,573	52
Doddridge	35	39	42	8.14	4,705	5,281	5,513	53
Fayette	360	386	426	10.31	6,174	6,680	7,486	26
Gilmer	43	48	56	17.49	5,295	5,695	6,576	42
Grant	56	66	70	6.69	5,607	6,430	6,835	38
Greenbrier	227	247	265	7.28	6,143	6,541	7,027	32
Hampshire	79	84	91	8.24	5,371	5,627	5,943	50
Hancock	391	410	454	10.64	9,775	10,122	11,276	1
Hardy	55	59	61	3.52	5,551	5,923	6,144	45
Harrison	577	620	678	9.38	7,445	7,983	8,687	8
Jackson	187	210	231	10.33	7,504	8,068	8,664	9
Jefferson	198	221	243	9.89	6,821	7,229	7,758	20
Kanawha	2,135	2,296	2,479	7.99	9,243	9,933	10,749	2
Lewis	112	126	142	12.92	5,834	6,717	7,488	25
Lincoln	114	125	137	9.36	4,891	5,277	5,766	51
Logan	330	379	394	3.71	6,433	7,515	7,829	19
McDowell	329	359	365	1.61	6,439	7,254	7,592	24
Marion	482	533	576	8.23	7,305	8,111	8,853	7
Marshall	295	302	335	10.94	7,173	7,253	8,084	16
Mason	179	186	191	2.49	6,757	6,863	6,945	33
Mercer	495	563	613	8.95	6,633	7,618	8,294	13
Mineral	154	172	187	8.73	5,736	6,311	6,771	39
Mingo	225	259	283	9.27	6,071	6,940	7,607	23
Monongalia	492	560	615	9.80	6,614	7,462	8,139	15
Monroe	66	74	79	7.38	5,252	5,743	6,136	46
Morgan	59	65	74	13.46	5,608	6,046	6,740	40
Nicholas	177	202	218	7.69	6,320	7,172	7,727	21
Ohio	527	572	631	10.36	8,514	9,348	10,390	3
Pendleton	37	40	42	5.47	4,759	5,049	5,360	54
Pleasants	61	64	68	6.06	7,438	7,704	8,326	12
Pocahontas	54	57	61	8.51	5,504	5,691	6,306	43
Preston	182	198	222	12.18	6,081	6,483	7,219	29
Putnam	259	294	325	10.41	7,104	7,627	8,399	11
Raleigh	618	680	737	8.45	7,120	7,839	8,574	10
Randolph	173	194	213	9.38	6,048	6,747	7,396	28
Ritchie	63	69	80	16.11	5,505	6,018	6,853	36
Roane	87	95	112	17.32	5,428	5,958	6,939	34
Summers	81	89	96	7.54	5,195	5,619	6,101	47
Taylor	93	100	111	11.42	5,710	6,012	6,735	41
Tucker	44	49	52	6.56	5,057	5,668	5,985	48
Tyler	70	80	88	10.56	6,218	7,028	7,700	22
Upshur	141	162	178	10.09	6,112	6,888	7,427	27
Wayne	275	302	330	9.15	6,064	6,541	7,085	30
Webster	54	61	63	3.55	4,412	4,956	5,180	55
Wetzel	160	171	180	4.73	7,296	7,847	8,051	17
Wirt	30	32	35	11.07	6,112	6,423	6,875	35
Wood	744	817	902	10.40	8,037	8,717	9,623	5
Wyoming	211	232	243	4.46	5,763	6,479	6,850	37
Wisconsin	**40,483**	**43,929**	**47,617**	**8.39**	**8,676**	**9,291**	**10,042**	.....
Sum of SMSA counties	**29,083**	**31,610**	**34,243**	**8.33**	**9,295**	**10,008**	**10,778**	.....
Sum of Non-SMSA counties	**11,400**	**12,319**	**13,374**	**8.56**	**7,417**	**7,847**	**8,548**	.....
Adams	67	74	82	10.29	4,989	5,450	6,140	70
Ashland	118	124	136	9.93	7,269	7,347	8,005	46
Barron	278	294	326	10.87	7,300	7,531	8,336	40
Bayfield	77	83	90	8.47	5,668	5,938	6,640	68
Brown	1,478	1,631	1,787	9.59	8,536	9,263	10,048	11
Buffalo	108	114	123	7.56	7,422	7,964	8,684	33
Burnett	68	77	86	12.00	5,725	6,188	6,749	66
Calumet	254	264	276	4.42	8,400	8,509	8,806	31
Chippewa	351	393	432	9.86	6,835	7,568	8,232	43
Clark	218	234	249	6.31	6,743	7,083	7,550	56
Columbia	348	380	417	9.94	8,213	8,723	9,702	18
Crawford	104	110	119	8.31	6,452	6,610	7,091	64
Dane	3,035	3,357	3,715	10.65	9,544	10,312	11,299	4
Dodge	609	659	686	4.03	8,262	8,777	9,184	22
Door	208	222	247	10.93	8,515	8,822	9,845	15
Douglas	334	369	404	9.42	7,454	8,286	9,018	24
Dunn	220	230	249	7.93	6,567	6,648	7,134	63
Eau Claire	572	631	700	10.95	7,346	7,981	8,870	27
Florence	24	25	28	11.55	6,156	6,033	6,308	69
Fond du Lac	720	770	835	8.45	8,165	8,613	9,324	21
Forest	45	49	55	11.23	5,086	5,406	6,002	71
Grant	402	415	439	5.75	7,857	7,970	8,469	38
Green	275	293	317	8.41	9,351	9,689	10,512	6
Green Lake	155	164	179	8.93	8,415	8,891	9,842	16
Iowa	142	149	158	5.76	7,199	7,509	8,030	45
Iron	42	44	49	12.44	6,332	6,489	7,152	61
Jackson	114	121	127	5.03	6,869	7,178	7,791	50
Jefferson	541	594	643	8.39	8,265	8,929	9,706	17
Juneau	137	157	174	11.11	6,696	7,382	8,451	39
Kenosha	1,151	1,250	1,267	1.37	9,351	10,128	10,003	13
Kewaunee	146	157	169	8.28	7,546	7,983	8,664	34
La Crosse	734	828	911	10.02	7,976	9,054	9,930	14
Lafayette	145	144	151	4.76	8,280	8,259	8,827	29
Langlade	124	139	157	13.28	6,309	6,908	7,946	47
Lincoln	179	191	204	6.32	6,949	7,236	7,499	58
Manitowoc	675	723	782	8.17	8,186	8,681	9,368	20
Marathon	848	911	979	7.40	7,665	8,141	8,780	32
Marinette	283	310	343	10.85	7,467	7,814	8,588	35
Marquette	72	78	87	12.38	6,447	6,585	7,304	60
Milwaukee	9,400	10,221	11,038	7.99	9,670	10,576	11,402	3
Monroe	248	283	307	8.50	7,193	8,000	8,808	30
Oconto	191	205	223	8.54	6,725	7,046	7,645	54
Oneida	223	249	277	11.53	7,261	7,911	8,852	28
Outagamie	1,123	1,239	1,348	8.83	8,878	9,567	10,369	9
Ozaukee	751	812	867	6.74	11,333	12,080	12,816	1
Pepin	50	54	58	7.84	6,702	7,187	7,921	48
Pierce	230	244	258	5.82	7,468	7,792	8,330	41
Polk	221	237	264	11.29	7,010	7,264	8,248	42
Portage	407	451	490	8.58	7,259	7,801	8,558	37
Price	102	113	122	7.99	6,588	7,109	7,596	55
Racine	1,639	1,749	1,851	5.87	9,517	10,064	10,549	5
Richland	118	126	135	7.21	6,873	7,156	7,855	49
Rock	1,204	1,266	1,404	10.89	8,613	9,048	10,026	12
Rusk	90	96	104	8.46	5,960	6,105	6,669	67
St. Croix	322	348	386	10.83	7,594	7,862	8,962	26
Sauk	340	357	394	10.21	7,915	8,177	9,014	25
Sawyer	72	80	90	12.12	5,711	6,157	6,970	65
Sheboygan	909	975	1,061	8.87	9,024	9,626	10,484	7
Taylor	125	137	152	10.38	6,708	7,265	8,198	44
Trempealeau	176	187	200	7.08	6,788	7,115	7,698	53
Vernon	172	186	203	9.05	6,683	7,243	7,787	51
Vilas	99	108	121	11.58	6,036	6,512	7,435	59
Walworth	554	605	659	8.99	7,777	8,427	9,087	23
Washburn	82	91	101	11.21	6,310	6,828	7,543	57
Washington	755	804	869	8.04	9,093	9,393	10,057	10
Waukesha	3,046	3,281	3,573	8.89	11,123	11,601	12,375	2
Waupaca	299	332	362	9.24	7,059	7,690	8,563	36
Waushara	115	121	134	10.09	6,369	6,493	7,151	62
Winnebago	1,176	1,279	1,373	7.40	8,985	9,662	10,394	8
Wood	590	647	702	8.47	8,310	8,820	9,607	19
Shawano (Incl. Menominee)	254	284	308	8.57	6,454	7,195	7,746	52
Wyoming	**4,413**	**5,121**	**5,771**	**12.70**	**9,767**	**10,791**	**11,733**	.....
Sum of SMSA counties	**870**	**1,006**	**1,137**	**12.99**	**12,732**	**13,882**	**14,979**	.....
Sum of non-SMSA counties	**3,543**	**4,115**	**4,635**	**12.63**	**9,238**	**10,234**	**11,141**	.....
Albany	214	252	283	12.26	7,454	8,683	9,359	19
Big Horn	85	98	108	10.37	7,137	8,257	8,725	22
Campbell	236	285	356	25.02	10,651	11,445	12,544	5
Carbon	213	250	268	7.01	10,489	11,264	11,856	8
Converse	127	153	170	10.46	10,199	10,664	11,206	12
Crook	51	56	65	16.04	9,632	10,542	12,008	7
Fremont	318	362	385	6.34	8,332	8,908	9,513	18
Goshen	96	110	110	.05	8,283	9,136	8,991	21
Hot Springs	47	55	60	9.43	8,678	9,471	10,558	13
Johnson	56	62	69	11.27	8,675	9,226	10,022	14
Laramie	662	757	841	11.00	9,572	11,041	12,113	6
Lincoln	98	113	132	17.01	8,454	9,217	9,963	15
Natrona	870	1,006	1,137	12.99	12,732	13,882	14,979	1
Niobrara	27	29	29	1.74	9,057	9,876	9,359	20
Park	201	227	252	11.09	9,557	10,429	11,578	10
Platte	78	91	93	1.42	7,529	7,376	7,968	23
Sheridan	238	264	293	11.36	9,824	10,436	11,281	11
Sublette	47	52	58	11.77	10,875	11,234	11,616	9
Sweetwater	406	499	590	18.18	10,255	11,840	13,363	3
Teton	101	115	133	14.90	10,654	12,278	13,645	2
Uinta	90	116	148	27.20	7,585	8,759	9,765	17
Washakie	79	88	98	11.16	8,640	9,241	9,907	16
Weston	73	80	95	18.55	9,996	11,327	12,671	4

1. Percent change was calculated from unrounded data.

U.S. GOVERNMENT PRINTING OFFICE : 1983 O - 403-998

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

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

Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	1981	1982	1982											1983		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
GENERAL BUSINESS INDICATORS																
PERSONAL INCOME BY SOURCE †																
Seasonally adjusted, at annual rates: †																
Total personal income ... bil. $..	2,415.8	2,569.9	2,513.8	2,518.6	2,535.5	2,556.2	2,566.3	2,588.3	2,592.0	2,597.2	2,609.4	2,627.7	2,635.0	r2,641.7	r2,644.3	2,658.9
Wage and salary disbursements, total ... do....	1,493.9	1,560.7	1,546.6	1,542.6	1,546.6	1,560.4	1,562.9	1,569.5	1,570.3	1,570.1	1,571.5	1,572.2	1,579.9	r1,596.1	r1,594.1	1,603.1
Commodity-producing industries, total ... do....	510.8	509.9	517.1	512.2	511.6	515.1	514.1	513.0	510.3	507.3	503.0	500.9	500.7	r509.8	r509.5	510.2
Manufacturing ... do....	386.4	382.6	387.6	384.1	383.9	386.4	386.7	385.8	384.0	381.5	377.2	375.5	374.5	r380.7	r382.9	385.6
Distributive industries ... do....	361.4	376.0	373.0	371.4	372.5	376.9	376.8	378.1	378.9	378.2	378.3	377.6	380.6	r381.7	r379.2	384.3
Service industries ... do....	338.6	372.5	360.1	361.4	363.7	368.5	370.7	374.3	378.2	381.0	382.7	384.5	387.7	392.7	r392.1	394.3
Govt. and govt. enterprises ... do....	283.1	302.3	296.4	297.6	298.8	300.0	301.2	304.2	302.8	303.6	307.5	309.2	310.8	r312.0	313.2	314.4
Other labor income ... do....	140.4	153.8	149.1	150.2	151.3	152.5	153.6	154.6	155.5	156.5	157.2	157.9	158.7	159.6	160.6	161.6
Proprietors' income: ‡																
Farm ... do....	24.0	19.0	17.3	16.3	16.9	17.3	18.0	17.3	16.6	16.0	17.1	27.7	27.5	r19.1	r18.3	17.8
Nonfarm ... do....	100.7	101.3	98.4	98.8	99.3	100.3	100.2	100.9	101.7	102.5	104.2	105.3	104.9	r108.7	r110.0	111.4
Rental income of persons with capital consumption adjustment ... bil. $..	33.9	34.1	33.9	34.0	34.1	34.2	34.3	34.5	34.6	34.7	34.8	34.4	32.5	35.2	35.3	35.4
Dividends ... do....	62.5	67.0	65.9	65.9	66.1	66.2	66.1	66.6	67.3	67.7	68.4	68.9	69.3	69.7	69.8	69.8
Personal interest income ... do....	329.0	371.2	359.8	363.8	368.0	372.0	376.0	377.6	378.3	378.8	376.0	374.0	373.8	r375.3	r377.4	380.0
Transfer payments ... do....	336.3	374.7	353.8	357.5	363.9	364.8	366.9	379.7	380.2	383.3	392.7	399.6	401.3	r394.5	r394.9	396.4
Less: Personal contrib. for social insur. ... do....	104.9	111.7	110.9	110.6	110.8	111.6	111.7	112.4	112.5	112.4	112.4	112.4	112.8	116.4	r116.2	116.7
Total nonfarm income ... do....	2,364.1	2,518.8	2,465.5	2,470.8	2,486.8	2,506.9	2,516.0	2,538.5	2,542.8	2,548.5	2,559.4	2,567.0	2,574.4	r2,589.4	r2,592.6	2,607.6
DISPOSITION OF PERSONAL INCOME *																
Seasonally adjusted, at annual rates:																
Total personal income ... bil. $..	2,415.8	2,569.9	2,513.8	2,518.6	2,535.5	2,556.2	2,566.3	2,588.3	2,592.0	2,597.2	2,609.4	2,627.7	2,635.0	r2,641.7	r2,644.3	2,658.9
Less: Personal tax and nontax payments ... do....	386.7	397.2	396.3	394.2	389.1	403.7	410.7	393.5	395.3	394.6	397.5	399.0	402.6	r398.0	r402.2	404.0
Equals: Disposable personal income ... do....	2,029.1	2,172.7	2,117.5	2,124.4	2,146.3	2,152.5	2,155.6	2,194.8	2,196.7	2,202.7	2,211.9	2,228.7	2,232.3	r2,243.8	r2,242.2	2,254.9
Less: Personal outlays ... do....	1,898.9	2,030.5	1,986.9	1,981.1	1,993.9	2,013.1	2,014.4	2,033.8	2,041.3	2,063.1	2,075.3	2,095.8	2,101.5	r2,112.5	r2,112.5	2,120.3
Personal consumption expenditures ... do....	1,843.2	1,971.1	1,928.3	1,922.4	1,934.8	1,954.0	1,954.7	1,974.1	1,981.5	2,003.2	2,015.5	2,035.9	2,041.1	r2,051.5	r2,051.4	2,059.0
Durable goods ... do....	234.6	242.7	240.1	238.8	238.8	245.6	237.8	236.8	236.6	247.6	240.7	255.6	259.1	r259.8	r254.2	255.1
Nondurable goods ... do....	734.5	762.1	755.9	745.4	747.0	759.2	758.9	767.9	767.7	769.5	777.2	773.9	776.1	r777.3	r777.0	775.0
Services ... do....	874.1	966.3	932.3	938.2	949.1	949.1	958.0	969.4	977.3	986.0	997.6	1,006.4	1,006.0	r1,014.4	r1,020.2	1,028.9
Interest paid by consumers to business ... do....	55.1	58.6	57.7	57.9	58.2	58.3	58.8	58.9	58.9	59.1	59.0	59.2	59.6	r60.0	r60.1	60.3
Personal transfer payments to foreigners (net) ... do....	0.6	0.8	0.8	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	1.0	1.0	1.0
Equals: personal saving ... do....	130.2	142.2	130.6	143.3	152.4	139.4	141.2	161.0	155.4	139.5	136.6	132.9	130.8	r131.2	r129.7	134.6
Personal saving as percentage of disposable personal income § ... percent..	6.4	6.5	6.6	6.7	6.8	6.7	6.8	7.0	6.9	6.5	6.2	6.0	r5.9	r5.8	5.9	.....
Disposable personal income in constant (1972) dollars ... bil. $..	1,043.1	1,054.8	1,047.7	1,050.0	1,057.6	1,058.1	1,048.8	1,060.8	1,058.0	1,056.1	1,053.5	1,061.1	1,062.6	r1,063.8	1,062.2	.....
Personal consumption expenditures in constant (1972) dollars ... do....	947.7	956.9	954.1	950.1	953.4	960.5	951.0	954.1	954.4	960.4	960.0	969.3	971.6	r972.7	971.8	.....
Durable goods ... do....	140.0	138.8	139.0	138.0	137.7	141.5	135.8	134.9	134.5	140.0	136.3	145.5	146.7	r146.2	143.6	.....
Nondurable goods ... do....	362.4	365.0	365.5	361.4	362.7	367.8	362.9	366.1	366.0	365.5	367.4	366.4	368.9	r369.3	370.2	.....
Services ... do....	445.2	453.1	449.6	450.7	453.0	451.2	452.3	453.2	453.9	454.9	456.2	457.5	456.0	r457.1	458.0	.....
Implicit price deflator for personal consumption expenditures ... index, 1972=100..	194.5	206.0	202.1	202.3	202.9	203.4	205.5	206.9	207.6	208.6	210.0	210.0	210.1	r210.9	211.1	.....
INDUSTRIAL PRODUCTION																
Federal Reserve Board Index of Quantity Output																
Not Seasonally Adjusted																
Total index ... 1967=100..	151.0	138.6	142.7	142.0	139.4	138.5	141.8	136.2	140.5	141.2	138.5	134.8	r131.2	r133.3	p137.5	e139.5
By industry groupings:																
Mining and utilities ... do....	155.0	146.3	159.7	152.7	146.7	142.4	143.9	144.6	146.8	140.1	136.7	136.4	r140.7	r147.0	p142.9	e137.4
Manufacturing ... do....	150.4	137.6	140.7	140.7	138.4	138.0	141.6	135.1	139.3	141.2	138.8	134.5	r129.6	r131.6	p137.2	e140.0
Nondurable manufactures ... do....	164.8	156.2	156.6	156.6	154.7	154.5	159.9	152.9	161.9	164.1	162.4	155.7	r147.5	r149.8	p156.0	e158.8
Durable manufactures ... do....	140.5	124.7	129.7	129.7	127.1	126.6	128.9	122.7	123.7	125.4	122.5	119.9	r117.2	r119.0	p124.2	e127.1
Seasonally Adjusted																
Total index ... do....	151.0	138.6	142.9	141.7	140.2	139.2	138.7	138.8	138.4	137.3	135.7	134.9	135.2	r137.2	p137.6	e139.1
By market groupings:																
Products, total ... do....	150.6	141.8	144.6	143.7	142.9	142.3	142.1	142.6	142.0	140.8	139.3	139.0	r139.9	r140.7	p140.5	e141.7
Final products ... do....	149.5	141.5	144.1	143.3	142.6	142.2	142.1	142.5	141.2	140.0	138.7	138.3	139.5	r140.0	p139.6	e140.5
Consumer goods ... do....	147.9	142.6	141.8	141.5	142.1	143.6	144.8	145.8	144.1	143.4	142.2	141.3	r142.0	r143.6	p144.2	e145.3

See footnotes at end of tables.

GENERAL BUSINESS INDICATORS—Continued

Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	1981	1982	1982											1983		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
INDUSTRIAL PRODUCTION—Continued																
Seasonally Adjusted—Continued																
By market groupings—Continued																
Final products—Continued																
Durable consumer goods ..... 1967=100..	140.5	r129.2	125.9	128.1	130.7	132.6	134.6	137.3	132.9	131.3	126.5	124.6	r125.9	r131.6	p134.0	e134.3
Automotive products ..... do....	137.9	129.5	117.5	125.0	129.9	138.9	143.0	149.7	135.5	135.5	123.6	120.7	128.7	r136.2	p145.5	e142.4
Autos and utility vehicles ..... do....	111.2	99.0	82.0	93.6	100.5	111.8	117.1	127.7	107.1	105.8	89.6	86.9	99.0	107.0	p120.8	e116.4
Autos ..... do....	103.4	86.6	70.5	79.8	87.2	96.1	101.9	114.6	93.3	94.3	79.5	77.7	87.9	97.1	p107.3	e99.9
Home goods ..... do....	142.0	r129.1	130.6	129.9	131.1	129.1	129.9	130.4	131.4	128.9	128.1	126.8	r124.3	r129.1	p127.6	e129.7
Nondurable consumer goods ..... do....	150.9	148.0	148.1	146.8	146.6	147.9	148.8	149.1	148.6	148.2	148.5	147.9	r148.4	r148.3	p148.3	e149.6
Clothing ..... do....	119.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Consumer staples ..... do....	159.5	159.0	159.2	158.1	158.3	159.0	159.9	159.7	159.4	158.8	159.1	158.1	158.8	r158.5	p158.6	e160.0
Consumer foods and tobacco ..... do....	150.3	149.7	151.1	149.6	148.1	149.9	150.9	149.9	149.6	148.6	150.2	149.0	r149.5	r150.5	p151.2	.....
Nonfood staples ..... do....	170.0	169.7	168.7	168.0	170.0	169.5	170.4	171.2	170.8	170.7	169.5	168.7	r169.6	r167.7	p167.2	e169.4
Equipment ..... do....	151.8	139.8	147.3	145.9	143.4	140.4	138.4	138.0	137.3	135.2	134.0	134.2	r136.1	135.2	p133.3	e134.0
Business equipment ..... do....	181.1	157.9	171.6	169.0	164.9	159.9	156.7	154.9	153.9	150.5	147.1	146.4	r148.1	r146.5	p143.3	e143.9
Industrial equipment # ..... do....	166.4	r134.9	155.9	151.2	145.9	138.9	134.0	131.3	128.4	123.8	118.3	117.2	r117.9	r118.2	p114.4	e113.8
Building and mining equip. ..... do....	286.2	214.2	274.9	256.9	242.2	224.4	209.0	200.4	190.8	182.1	169.3	165.7	r171.9	r173.8	p153.6	e145.7
Manufacturing equipment ..... do....	127.9	107.2	116.8	116.3	114.0	109.7	107.5	106.0	104.4	101.6	98.0	97.5	97.0	r97.3	p97.8	e99.0
Commercial, transit, farm eq. # ..... do....	198.0	184.4	189.9	189.5	186.9	184.1	183.0	182.2	183.3	181.4	180.5	180.2	r183.0	r179.2	p176.7	e178.7
Commercial equipment ..... do....	258.7	253.5	256.4	257.8	253.1	247.7	247.5	248.8	253.5	254.0	253.5	254.8	258.6	r254.9	p251.6	e253.6
Transit equipment ..... do....	125.4	r103.9	110.4	110.5	110.9	110.9	108.3	106.3	102.0	95.5	93.2	92.3	r96.2	r90.8	p88.6	e91.1
Defense and space equipment ..... do....	102.7	109.4	106.5	107.0	107.2	107.7	107.6	109.5	109.5	109.5	111.9	113.6	r115.9	r116.1	p116.5	e117.4
Intermediate products ..... do....	154.4	143.3	146.3	145.2	143.7	142.6	141.9	142.8	144.7	143.7	141.6	141.8	r141.5	r143.3	p143.9	e146.2
Construction supplies ..... do....	141.9	124.3	127.5	125.6	123.6	122.2	123.1	124.1	127.1	125.5	122.5	123.4	r123.0	r127.0	p128.2	e131.5
Business supplies ..... do....	166.7	r162.1	165.1	164.6	163.7	162.8	160.6	161.4	162.1	161.8	160.5	160.1	r159.8	r159.6	p159.5	.....
Materials ..... do....	151.6	133.7	140.4	138.5	136.2	134.3	133.5	133.0	132.8	132.0	130.0	128.4	127.8	r131.7	p133.2	e135.0
Durable goods materials ..... do....	149.1	125.0	132.4	130.7	128.1	126.6	126.6	126.0	125.1	123.0	118.5	116.4	r116.5	r121.2	p123.7	e126.7
Nondurable goods materials ..... do....	174.6	157.5	164.2	162.0	160.3	156.6	153.5	152.3	154.5	158.5	158.2	157.3	r155.6	r159.0	p159.9	e161.7
Energy materials ..... do....	129.0	r125.1	130.3	128.2	125.8	125.4	125.4	126.0	124.5	121.0	122.6	121.4	r120.4	r123.4	p122.9	e122.1
By industry groupings:																
Mining and utilities ..... do....	155.0	146.3	155.6	153.1	151.6	148.8	145.2	142.6	141.3	139.7	140.4	140.4	r140.1	r141.1	p138.6	e138.3
Mining ..... do....	142.2	r126.1	142.4	138.1	134.1	128.9	123.5	120.1	116.9	114.7	115.9	116.8	r118.4	r121.4	p115.8	e113.6
Metal mining ..... do....	123.1	r82.4	120.8	109.9	108.8	90.0	71.8	58.1	53.4	55.4	63.1	70.4	r74.9	r81.0	p83.2	.....
Coal ..... do....	141.3	142.7	156.0	155.6	146.2	149.2	144.4	140.3	135.8	127.9	143.2	134.1	129.7	144.8	p136.5	e127.3
Oil and gas extraction # ..... do....	146.8	131.1	146.6	141.4	137.7	132.7	129.1	127.0	123.3	121.0	119.1	120.3	r122.9	124.0	p116.7	e114.3
Crude oil ..... do....	95.1	95.1	94.7	94.2	95.9	95.2	95.7	95.7	95.0	94.9	93.9	94.6	r95.1	r96.5	p95.1	.....
Natural gas ..... do....	111.8	104.1	108.8	107.8	107.2	102.8	102.3	102.8	99.5	101.3	104.2	103.5	96.8	.....	.....	.....
Stone and earth minerals ..... do....	129.4	112.1	120.5	121.6	119.6	114.6	106.6	103.8	105.7	106.3	108.5	111.9	r111.7	r112.8	p114.3	.....
Utilities ..... do....	169.1	r168.7	170.4	170.0	171.0	170.9	169.4	167.7	168.5	167.5	167.8	166.7	r164.2	r163.1	p164.1	e165.9
Electric ..... do....	190.9	190.5	192.5	191.7	193.1	193.4	191.6	189.2	189.9	188.2	188.4	188.3	185.6	r184.5	p186.0	e188.4
Manufacturing ..... do....	150.4	137.6	140.9	140.1	138.7	137.9	137.7	138.1	138.0	137.1	135.0	134.0	134.5	r136.6	p137.4	e139.2
Nondurable manufactures ..... do....	164.8	156.2	157.8	157.3	156.1	155.0	155.3	155.7	156.9	156.7	156.2	155.3	r155.6	r157.3	p157.5	e159.2
Foods ..... do....	152.1	151.1	151.7	150.8	149.7	150.5	151.0	151.0	150.7	149.0	151.5	152.0	r152.8	154.4	.....	.....
Tobacco products ..... do....	122.2	118.0	126.7	126.7	116.1	118.6	123.6	121.4	120.6	113.3	110.6	113.0	109.9	104.7	.....	.....
Textile mill products ..... do....	135.7	r124.5	125.8	126.0	126.3	123.5	123.7	124.3	125.9	126.1	125.9	123.1	r122.2	r125.8	p128.8	.....
Apparel products ..... do....	120.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Paper and products ..... do....	155.0	150.8	151.5	150.6	149.8	146.5	146.8	147.0	152.5	154.3	155.0	154.5	151.1	r158.8	p155.7	e155.4
Printing and publishing ..... do....	144.2	r144.1	146.4	145.9	144.2	143.8	142.6	143.9	145.3	144.3	142.0	141.7	r142.8	r141.4	p142.5	e145.3
Chemicals and products ..... do....	215.6	196.1	201.3	200.3	198.6	193.6	193.2	194.1	195.6	196.4	194.1	192.8	r195.9	r196.0	p196.6	.....
Petroleum products ..... do....	129.7	121.8	119.5	121.3	120.8	122.2	124.3	124.7	121.4	122.6	123.8	120.0	r118.7	r117.8	p115.7	e118.8
Rubber and plastics products ..... do....	274.0	254.7	251.8	253.4	255.1	257.0	258.9	256.8	261.1	262.0	256.3	250.2	249.7	r256.2	p258.9	.....
Leather and products ..... do....	69.3	60.9	64.0	61.2	60.6	61.1	62.3	62.9	60.8	60.9	59.5	57.7	56.0	59.5	p60.4	.....
Durable manufactures ..... do....	140.5	124.7	129.3	128.2	126.7	126.1	125.5	125.9	124.9	123.5	120.3	119.3	r119.9	r122.3	p123.5	e125.3
Ordnance, pvt. and govt ..... do....	81.1	86.9	83.8	83.8	85.2	86.3	86.5	87.1	86.5	86.9	89.5	91.9	92.5	r93.5	p93.0	e93.5
Lumber and products ..... do....	119.1	112.6	104.9	103.5	106.2	110.6	112.2	116.9	120.3	119.9	117.2	119.1	121.4	r130.0	p132.4	.....
Furniture and fixtures ..... do....	157.2	151.9	148.4	150.2	151.8	151.1	152.5	154.5	156.7	155.7	154.3	152.4	r153.7	r150.0	p151.0	.....
Clay, glass, and stone products ..... do....	147.9	128.2	135.0	131.5	127.0	125.0	126.1	126.9	128.8	130.4	128.1	127.3	125.4	r127.9	p131.3	.....
Primary metals ..... do....	107.9	r75.3	88.5	83.0	76.4	75.2	72.8	72.9	72.9	73.2	69.6	63.6	r63.5	r72.9	p76.6	e79.0
Iron and steel ..... do....	99.8	61.7	78.5	73.0	65.1	62.4	58.0	58.1	57.4	56.4	54.1	47.5	r46.6	r59.0	p64.8	.....
Nonferrous metals ..... do....	122.4	r99.7	106.7	100.7	95.9	97.0	98.9	102.9	100.3	106.2	95.5	92.2	r94.2	r99.2	p98.1	.....
Fabricated metal products ..... do....	136.4	114.8	121.4	121.1	119.1	115.8	115.0	115.5	114.3	112.3	107.6	107.0	107.3	r107.6	p109.6	e111.8
Nonelectrical machinery ..... do....	171.2	149.0	160.0	157.3	153.7	150.0	147.4	147.1	147.2	144.9	140.4	139.6	r139.2	r138.0	p135.7	e137.8
Electrical machinery ..... do....	178.4	169.3	172.9	172.6	172.2	170.9	170.8	170.3	169.7	167.0	165.4	165.5	r165.5	r169.5	p169.4	e171.6
Transportation equipment ..... do....	116.1	104.9	102.0	104.4	105.9	110.0	111.6	112.7	107.0	105.3	100.8	100.2	103.7	r105.8	p109.9	e110.2
Motor vehicles and parts ..... do....	122.3	109.8	98.6	105.6	110.7	119.8	124.0	127.2	116.7	113.5	103.0	101.7	108.8	r113.3	p123.0	e122.5
Instruments ..... do....	170.3	161.9	164.5	163.0	162.8	163.8	164.8	165.2	165.5	161.9	157.4	155.8	155.2	r154.5	p154.0	e155.8
BUSINESS SALES																
Mfg. and trade sales (unadj.), total ‡ ..... mil. $..	4,207,460	4,079,000	r325,665	355,915	343,372	347,636	356,134	329,795	336,983	345,243	340,220	338,448	353,587	r313,928	321,247	.....
Mfg. and trade sales (seas. adj.), total ‡ ..... do....	[1]4,207,460	[1]4,079,000	r343,090	342,121	339,835	349,096	346,126	344,603	339,464	339,470	332,537	335,804	r336,663	r343,677	339,132	.....
Manufacturing, total † ..... do....	[1]1,994,593	[1]1,885,967	158,142	157,517	156,114	160,828	161,519	161,382	158,619	159,278	152,473	152,343	152,815	r156,592	155,950	.....
Durable goods industries ..... do....	1,000,995	918,223	77,976	78,124	77,136	79,518	78,888	79,036	77,248	76,562	72,342	72,708	73,373	r77,251	77,393	.....
Nondurable goods industries ..... do....	993,593	967,741	80,167	79,394	78,978	81,310	82,631	82,346	81,371	82,716	80,131	79,635	79,442	r79,341	78,557	.....
Retail trade, total § ..... do....	r[1]1,047,573	r[1]1,075,679	r88,049	r87,701	r88,468	r90,813	r88,603	r89,469	r89,069	r89,897	r90,905	r92,492	r92,459	r92,295	91,197	.....
Durable goods stores ..... do....	r316,020	r320,868	r25,741	r25,973	r26,718	r28,127	r26,136	r26,124	r25,831	r26,619	r27,154	r28,721	r28,723	r28,307	27,279	.....
Nondurable goods stores ..... do....	r731,553	r754,811	r62,308	r61,728	r61,750	r62,686	r62,467	r63,345	r63,238	r63,278	r63,751	r63,771	r63,736	r63,988	63,918	.....
Merchant wholesalers, total @ ..... do....	r[1]1,208,070	r[1]1,144,352	r96,898	r99,198	r97,348	r99,290	r98,019	r95,790	r94,341	r92,527	r91,806	r91,912	r91,389	r94,790	91,985	.....
Durable goods establishments ..... do....	r509,743	r457,713	r39,675	r39,216	r38,551	r37,917	r37,674	r37,687	r37,065	r37,208	r37,645	r37,900	r37,756	r39,617	37,433	.....
Nondurable goods establishments ..... do....	r698,327	r686,639	r57,223	r59,982	r58,797	r61,373	r60,345	r58,103	r57,276	r55,319	r54,161	r54,012	r53,633	r55,173	54,552	.....
Mfg. and trade sales in constant (1972) dollars (seas. adj.), total * ..... bil. $..	.....	.....	155.2	155.4	153.5	157.3	155.5	155.0	153.3	153.5	149.7	151.8	151.9	r156.0	153.8	.....
Manufacturing * ..... do....	.....	.....	70.2	70.1	69.1	70.8	70.8	70.6	69.5	69.6	66.3	66.6	67.0	r69.5	69.2	.....
Retail trade * ..... do....	.....	.....	46.1	45.7	46.0	47.1	45.5	45.9	45.6	46.2	46.1	47.3	47.2	47.2	46.8	.....
Merchant wholesalers * ..... do....	.....	.....	39.0	39.6	38.5	39.5	39.1	38.5	38.2	37.8	37.2	37.9	37.7	r39.3	37.9	.....

See footnotes at end of tables.

GENERAL BUSINESS INDICATORS—Continued

Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	1981	1982	1982											1983		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
BUSINESS INVENTORIES																
Mfg. and trade inventories, book value, end of year or month (unadj.), total ‡ ..... mil. $..	513,530	498,682	r521,368	517,710	512,689	513,132	512,799	511,302	509,661	511,150	516,744	514,563	498,682	r504,096	507,129	.....
Mfg. and trade inventories, book value, end of year or month (seas. adj.), total ‡ ..... mil. $..	519,394	504,279	r522,038	513,054	515,074	510,517	512,981	513,387	514,554	515,399	514,224	508,630	r512,252	r507,557	508,076	.....
Manufacturing, total † ..... do....	283,152	265,212	281,688	280,065	278,985	276,449	275,115	274,914	274,302	272,474	271,710	269,297	265,212	r262,124	261,643	.....
Durable goods industries ..... do....	188,429	176,975	187,121	186,063	185,916	184,870	184,289	183,798	183,550	182,793	181,843	179,324	176,975	r174,005	173,537	.....
Nondurable goods industries ..... do....	94,723	88,237	94,567	94,002	93,070	91,579	90,826	91,116	90,752	89,681	89,867	89,973	88,237	r88,119	88,106	.....
Retail trade, total § ..... do....	r126,833	r128,250	r125,321	r125,242	r125,479	r124,631	r126,300	r126,662	r128,258	r129,788	r128,849	r127,619	r128,250	r128,131	130,221	.....
Durable goods stores ..... do....	r59,095	r59,597	r57,918	r57,698	r57,890	r57,039	r58,225	r58,888	r60,204	r61,668	r60,581	r59,417	r59,597	r59,521	61,489	.....
Nondurable goods stores ..... do....	r67,738	r68,653	r67,403	r67,544	r67,589	r67,592	r68,075	r67,774	r68,054	r68,120	r68,268	r68,202	r68,653	r68,610	68,732	.....
Merchant wholesalers, total @ ..... do....	r116,986	r118,790	r115,029	r115,861	r119,423	r118,132	r119,828	r119,854	r119,190	r119,537	r120,162	r118,349	r118,790	r117,564	116,212	.....
Durable goods establishments ..... do....	r76,674	r78,514	r76,227	r77,011	r79,167	r77,214	r78,481	r79,613	r79,240	r79,811	r80,567	r78,752	r78,514	r77,571	75,944	.....
Nondurable goods establishments ..... do....	r40,312	r40,276	r38,802	r38,850	r40,256	r40,918	r41,347	r40,241	r39,950	r39,726	r39,595	r39,597	r40,276	r39,993	40,268	.....
Mfg. and trade inventories in constant(1972)dollars, end of year or month(seas.adj.),total* ..... bil. $..	.....	.....	266.5	266.0	266.5	264.5	265.2	265.6	265.5	266.0	265.2	262.3	261.0	r258.5	258.2	.....
Manufacturing * ..... do....	.....	.....	146.9	146.4	146.0	145.3	144.6	144.4	144.0	143.3	142.6	141.0	139.7	r137.9	137.7	.....
Retail trade * ..... do....	.....	.....	65.0	65.1	65.2	64.7	65.4	65.5	66.4	67.2	66.9	65.9	65.9	r65.5	66.4	.....
Merchant wholesalers * ..... do....	.....	.....	54.5	54.5	55.4	54.5	55.2	55.6	55.0	55.5	55.8	55.3	55.4	r55.0	54.1	.....
BUSINESS INVENTORY-SALES RATIOS																
Manufacturing and trade, total ‡ ..... ratio..	1.43	1.51	r1.52	1.50	1.52	1.46	1.48	1.49	1.52	1.52	1.55	1.52	r1.52	r1.48	1.50	.....
Manufacturing, total † ..... do....	1.66	1.76	1.78	1.78	1.79	1.72	1.70	1.70	1.73	1.71	1.78	1.77	1.74	r1.67	1.68	.....
Durable goods industries ..... do....	2.19	2.41	2.40	2.38	2.41	2.32	2.34	2.33	2.38	2.39	2.51	2.47	2.41	r2.25	2.24	.....
Materials and supplies ..... do....	0.69	0.73	0.74	0.73	0.74	0.71	0.71	0.71	0.71	0.71	0.75	0.74	0.72	0.67	0.66	.....
Work in process ..... do....	0.97	1.06	1.05	1.05	1.06	1.02	1.03	1.01	1.04	1.05	1.11	1.10	1.08	r1.01	1.01	.....
Finished goods ..... do....	0.53	0.62	0.60	0.61	0.61	0.60	0.60	0.60	0.62	0.62	0.66	0.63	0.61	0.57	0.57	.....
Nondurable goods industries ..... do....	1.13	1.14	1.18	1.18	1.18	1.13	1.10	1.11	1.12	1.08	1.12	1.13	1.11	r1.11	1.12	.....
Materials and supplies ..... do....	0.45	0.46	0.47	0.47	0.47	0.46	0.44	0.45	0.45	0.43	0.44	0.45	0.45	0.45	0.45	.....
Work in process ..... do....	0.19	0.19	0.20	0.20	0.20	0.19	0.19	0.19	0.19	0.18	0.19	0.19	0.18	0.18	0.19	.....
Finished goods ..... do....	0.48	0.49	0.51	0.52	0.51	0.48	0.47	0.47	0.48	0.47	0.49	0.49	0.48	0.48	0.49	.....
Retail trade, total § ..... do....	r1.40	r1.42	r1.42	r1.43	r1.42	r1.37	r1.43	r1.42	1.44	1.44	1.42	r1.38	r1.39	1.39	1.43	.....
Durable goods stores ..... do....	r2.17	r2.20	r2.25	r2.22	r2.17	r2.03	r2.23	r2.25	r2.33	r2.32	r2.23	r2.07	r2.07	r2.11	2.25	.....
Nondurable goods stores ..... do....	r1.06	r1.08	r1.08	r1.09	r1.09	1.08	r1.09	1.07	1.08	r1.08	r1.07	r1.07	r1.08	r1.06	1.08	.....
Merchant wholesalers, total @ ..... do....	r1.13	r1.24	r1.19	r1.17	r1.23	r1.19	r1.22	r1.25	r1.26	r1.29	r1.31	r1.29	r1.30	r1.24	1.26	.....
Durable goods establishments ..... do....	r1.74	r2.06	r1.92	r1.96	r2.05	r2.04	r2.08	r2.11	r2.14	r2.14	r2.14	r2.08	r2.08	r1.96	2.03	.....
Nondurable goods establishments ..... do....	r0.69	r0.70	r0.68	r0.65	r0.68	r0.67	r0.69	r0.69	r0.70	r0.72	r0.73	r0.73	r0.75	0.72	0.74	.....
Manufacturing and trade in constant (1972) dollars, total * ..... do....	.....	.....	1.72	1.71	1.74	1.68	1.71	1.71	1.73	1.73	1.77	1.73	1.72	r1.66	1.68	.....
Manufacturing * ..... do....	.....	.....	2.09	2.09	2.11	2.05	2.04	2.05	2.07	2.06	2.15	2.12	2.08	r1.99	1.99	.....
Retail trade * ..... do....	.....	.....	1.41	1.42	1.42	1.37	1.44	1.43	1.46	1.46	1.45	1.39	1.40	1.39	1.42	.....
Merchant wholesalers * ..... do....	.....	.....	1.40	1.38	1.44	1.38	1.41	1.44	1.44	1.47	1.50	1.46	1.47	r1.40	1.43	.....
MANUFACTURERS' SALES, INVENTORIES, AND ORDERS																
Shipments (not seas. adj.), total † ..... mil. $..	1,994,593	1,885,967	160,220	165,832	158,058	161,541	169,159	147,553	155,187	165,584	157,882	151,967	148,554	r145,179	157,617	.....
Durable goods industries, total ..... do....	1,000,995	918,223	78,829	83,776	79,101	80,485	84,307	70,361	73,374	79,908	75,845	72,301	71,331	r69,843	78,000	.....
Stone, clay, and glass products ..... do....	49,141	45,324	3,543	3,871	3,801	3,923	4,166	3,708	3,957	4,107	4,021	3,685	3,307	r3,443	3,613	.....
Primary metals ..... do....	136,841	102,491	10,046	9,742	9,507	8,951	8,981	7,481	7,951	8,310	7,797	7,041	7,052	r7,643	8,399	.....
Blast furnaces, steel mills ..... do....	69,188	46,517	5,051	4,813	4,440	3,974	4,120	3,291	3,413	3,554	3,077	2,942	3,007	r3,164	3,339	.....
Fabricated metal products ..... do....	123,276	114,330	9,528	10,319	9,978	10,244	10,531	9,126	9,746	9,876	9,391	8,928	8,306	r8,516	9,501	.....
Machinery, except electrical ..... do....	203,732	184,379	16,964	18,032	15,602	15,810	16,815	13,619	13,925	15,845	14,204	14,015	15,095	r12,589	13,862	.....
Electrical machinery ..... do....	137,866	137,958	11,689	12,094	11,622	11,716	12,354	10,654	11,131	12,076	11,708	11,281	11,226	r10,839	11,943	.....
Transportation equipment ..... do....	202,990	192,783	15,524	17,362	16,889	18,004	18,983	14,767	14,616	16,825	16,183	15,548	15,445	r16,044	18,956	.....
Motor vehicles and parts ..... do....	114,872	109,813	8,521	9,905	10,297	10,682	11,361	8,412	8,483	9,799	9,223	8,535	7,616	r9,735	11,652	.....
Instruments and related products ..... do....	47,527	46,694	3,832	4,171	3,758	3,936	4,285	3,519	3,873	4,316	3,895	3,853	3,878	r3,513	3,752	.....
Nondurable goods industries, total ..... do....	993,593	967,741	81,391	82,055	78,957	81,056	84,852	77,192	81,813	85,676	82,037	79,666	77,223	r75,336	79,617	.....
Food and kindred products ..... do....	269,124	271,635	22,814	23,140	21,813	22,721	23,812	21,657	22,335	24,298	23,207	22,830	22,430	r21,212	22,988	.....
Tobacco products ..... do....	13,000	14,391	1,069	1,061	1,153	1,140	1,388	1,024	1,279	1,492	1,260	1,103	1,341	r1,041	1,116	.....
Textile mill products ..... do....	52,269	49,615	4,135	4,625	4,070	4,209	4,547	3,412	4,259	4,469	4,292	4,035	4,012	r3,621	4,100	.....
Paper and allied products ..... do....	79,489	78,162	6,782	6,915	6,538	6,447	6,727	6,080	6,721	6,684	6,598	6,278	5,976	r6,445	6,655	.....
Chemical and allied products ..... do....	175,123	169,094	14,369	15,176	14,542	14,629	15,360	12,960	13,977	14,840	13,164	13,163	13,556	r13,675	14,903	.....
Petroleum and coal products ..... do....	220,326	201,965	16,547	15,533	16,194	17,287	17,770	17,341	17,006	17,443	17,098	16,429	16,022	r14,909	14,176	.....
Rubber and plastics products ..... do....	46,504	42,687	3,669	3,607	3,648	3,592	3,898	3,469	3,682	3,778	3,699	3,264	3,007	r3,317	3,534	.....
Shipments (seas. adj.), total † ..... do....	.....	.....	158,142	157,517	156,114	160,828	161,519	161,382	158,619	159,278	152,473	152,343	152,815	r156,592	155,950	.....
By industry group:																
Durable goods industries, total # ..... do....	.....	.....	77,976	78,124	77,136	79,518	78,888	79,036	77,248	76,562	72,342	72,708	73,373	r77,251	77,393	.....
Stone, clay, and glass products ..... do....	.....	.....	3,795	3,821	3,728	3,863	3,834	3,764	3,730	3,800	3,720	3,709	3,697	r4,136	3,868	.....
Primary metals ..... do....	.....	.....	9,572	8,829	8,953	8,682	8,598	8,443	8,383	8,250	7,689	7,315	7,565	r7,961	7,996	.....
Blast furnaces, steel mills ..... do....	.....	.....	4,812	4,254	4,156	3,904	3,989	3,685	3,654	3,597	3,065	3,061	3,148	r3,276	3,180	.....
Fabricated metal products ..... do....	.....	.....	9,557	9,765	9,750	10,096	9,890	9,965	9,680	9,520	8,921	9,108	8,794	r9,414	9,559	.....
Machinery, except electrical ..... do....	.....	.....	16,587	16,570	15,432	15,899	15,488	14,879	14,847	15,402	14,044	14,535	14,352	r14,033	13,635	.....
Electrical machinery ..... do....	.....	.....	11,451	11,508	11,677	11,912	11,639	12,108	11,434	11,452	11,220	11,163	11,340	r11,689	11,711	.....
Transportation equipment ..... do....	.....	.....	15,152	15,805	15,945	17,314	17,573	17,806	17,589	16,292	15,053	15,088	16,051	r17,552	18,545	.....
Motor vehicles and parts ..... do....	.....	.....	8,241	8,829	9,509	10,109	10,420	10,918	11,018	9,568	7,923	8,082	8,601	r10,338	11,343	.....
Instruments and related products ..... do....	.....	.....	3,933	3,942	3,825	3,988	4,007	3,905	3,894	4,043	3,753	3,765	3,858	r3,902	3,849	.....
Nondurable goods industries, total # ..... do....	.....	.....	80,167	79,394	78,978	81,310	82,631	82,346	81,371	82,716	80,131	79,635	79,442	r79,341	78,557	.....
Food and kindred products ..... do....	.....	.....	22,709	22,404	22,302	23,018	23,315	23,277	22,275	23,268	22,392	22,339	22,277	r22,766	22,919	.....
Tobacco products ..... do....	.....	.....	1,136	1,103	1,157	1,128	1,351	1,021	1,243	1,511	1,207	1,081	1,310	r1,094	1,186	.....
Textile mill products ..... do....	.....	.....	4,150	4,254	5,058	4,148	4,217	4,074	4,198	4,195	4,084	3,988	4,295	r3,982	4,117	.....
Paper and allied products ..... do....	.....	.....	6,603	6,599	6,463	6,346	6,425	6,478	6,549	6,492	6,519	6,486	6,502	r6,743	6,478	.....
Chemicals and allied products ..... do....	.....	.....	14,071	13,847	13,751	14,136	14,595	14,259	14,551	14,397	13,548	14,003	14,189	r14,133	14,602	.....
Petroleum and coal products ..... do....	.....	.....	16,024	15,698	16,494	17,382	17,592	17,690	16,976	17,431	17,352	16,467	15,818	r14,700	13,763	.....
Rubber and plastics products ..... do....	.....	.....	3,520	3,414	3,500	3,569	3,762	3,807	3,590	3,654	3,483	3,423	3,337	r3,581	3,392	.....

See footnotes at end of tables.

GENERAL BUSINESS INDICATORS—Continued

Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	1981	1982	1982											1983		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
MANUFACTURERS' SALES, INVENTORIES, AND ORDERS †—Continued																
Shipments (seas. adj.) †—Continued																
By market category: †																
Home goods and apparel ... mil. $	[1]136,414	[1]130,872	11,176	11,208	10,708	10,803	10,858	11,328	11,242	11,149	10,909	10,636	10,313	[r]11,217	11,286	...
Consumer staples ... do	[1]349,263	[1]362,425	29,970	29,753	29,578	30,310	31,043	30,660	30,207	31,361	29,943	30,176	30,388	[r]30,701	30,966	...
Equipment and defense prod., exc. auto ... do	[1]306,926	[1]293,793	25,566	25,623	23,997	25,056	24,451	24,146	23,766	24,682	23,707	23,794	24,531	[r]23,576	23,283	...
Automotive equipment ... do	[1]134,995	[1]127,742	9,769	10,332	11,002	11,661	11,974	12,456	12,494	10,983	9,315	9,564	10,110	[r]12,048	13,134	...
Construction materials and supplies ... do	[1]152,654	[1]140,064	11,400	11,738	11,446	12,058	11,720	12,102	11,899	11,787	11,537	11,555	11,267	[r]12,817	12,385	...
Other materials and supplies ... do	[1]914,313	[1]831,061	70,261	68,862	69,383	70,940	71,473	70,690	69,011	69,316	67,062	66,618	66,206	[r]66,233	64,896	...
Supplementary series:																
Household durables ... do	[1]61,299	[1]58,005	4,876	4,982	4,897	4,808	4,904	5,133	4,799	5,008	4,835	4,676	4,419	[r]4,988	4,863	...
Capital goods industries ... do	[1]344,644	[1]327,694	28,417	28,549	26,869	28,140	27,727	27,283	26,423	27,130	26,297	26,392	27,053	[r]26,256	26,102	...
Nondefense ... do	[1]297,715	[1]271,715	24,043	24,060	22,599	23,471	22,906	22,483	21,776	22,271	21,372	21,441	21,953	[r]21,214	20,979	...
Defense ... do	[1]46,927	[1]55,975	4,374	4,490	4,271	4,669	4,821	4,800	4,647	4,859	4,925	4,951	5,100	5,042	5,123	...
Inventories, end of year or month: †																
Book value (unadjusted), total ... do	280,131	262,303	283,594	282,050	282,017	279,391	276,281	274,487	273,292	269,830	269,002	266,658	262,303	[r]262,741	263,340	...
Durable goods industries, total ... do	185,584	174,239	188,756	188,026	188,253	187,287	185,442	183,859	183,110	180,765	179,415	177,112	174,239	[r]173,886	174,996	...
Nondurable goods industries, total ... do	94,547	88,064	94,838	94,024	93,764	92,104	90,839	90,628	90,182	89,065	89,587	89,546	88,064	[r]88,855	88,344	...
Book value (seasonally adjusted), total † ... do	283,152	265,212	281,688	280,065	278,985	276,449	275,115	274,914	274,302	272,474	271,710	269,297	265,212	[r]262,124	261,643	...
By industry group:																
Durable goods industries, total # ... do	188,429	176,975	187,121	186,063	185,916	184,870	184,289	183,798	183,550	182,793	181,843	179,324	176,975	[r]174,005	173,537	...
Stone, clay, and glass products ... do	6,792	6,287	6,629	6,544	6,479	6,429	6,382	6,318	6,396	6,332	6,413	6,361	6,287	[r]5,983	6,051	...
Primary metals ... do	26,250	21,902	26,070	26,056	25,403	25,063	24,617	24,450	24,142	23,970	23,738	23,107	21,902	[r]21,289	21,172	...
Blast furnaces, steel mills ... do	13,347	10,706	13,128	13,441	13,075	12,867	12,566	12,485	12,154	11,985	11,847	11,465	10,706	[r]10,139	10,065	...
Fabricated metal products ... do	20,208	17,562	20,142	19,848	19,716	19,664	19,593	19,223	19,200	19,050	18,682	18,085	17,562	[r]17,292	17,199	...
Machinery, except electrical ... do	44,376	40,983	44,414	44,134	44,449	44,447	44,008	43,895	43,572	43,010	42,556	41,923	40,983	[r]40,418	40,311	...
Electrical machinery ... do	28,142	26,308	27,697	27,526	27,365	27,024	26,950	26,834	26,891	26,669	26,670	26,745	26,308	[r]26,024	25,876	...
Transportation equipment ... do	38,237	41,162	38,194	38,150	38,743	38,701	39,074	39,339	39,785	40,162	40,418	40,052	41,162	[r]40,514	40,402	...
Motor vehicles and parts ... do	9,226	8,578	8,795	8,673	8,640	8,495	8,649	8,849	8,600	8,468	8,381	8,096	8,578	[r]8,175	8,306	...
Instruments and related products ... do	9,610	9,148	9,513	9,399	9,516	9,303	9,393	9,422	9,387	9,398	9,388	9,289	9,148	[r]8,882	8,726	...
By stage of fabrication: †																
Materials and supplies ... do	58,461	52,886	57,999	56,897	56,947	55,996	55,643	55,781	55,191	54,703	54,279	53,491	52,886	[r]51,746	51,411	...
Work in process ... do	82,814	79,022	82,097	81,729	81,562	81,284	81,304	80,216	80,458	80,379	80,567	79,786	79,022	[r]78,320	78,051	...
Finished goods ... do	47,153	45,067	47,026	47,435	47,408	47,590	47,342	47,801	47,901	47,711	46,997	46,047	45,067	[r]43,939	44,075	...
Nondurable goods industries, total # ... do	94,723	88,237	94,567	94,002	93,070	91,579	90,826	91,116	90,752	89,681	89,867	89,973	88,237	[r]88,119	88,106	...
Food and kindred products ... do	20,400	19,631	20,486	20,405	20,377	20,140	19,830	20,178	20,212	19,972	19,911	19,944	19,631	19,849	19,739	...
Tobacco products ... do	4,401	4,433	4,514	4,572	4,812	4,812	4,697	4,893	4,696	4,492	4,417	4,456	4,433	[r]4,581	4,589	...
Textile mill products ... do	7,011	6,304	6,710	6,587	6,513	6,501	6,367	6,428	6,381	6,369	6,350	6,386	6,304	[r]6,246	6,270	...
Paper and allied products ... do	8,825	8,808	8,850	8,921	8,842	8,810	8,757	8,734	8,748	8,831	8,890	8,880	8,808	[r]8,731	8,683	...
Chemicals and allied products ... do	21,615	19,610	21,418	21,428	21,363	20,895	20,973	20,798	20,656	20,272	20,396	20,065	19,610	[r]19,261	19,211	...
Petroleum and coal products ... do	10,544	9,217	10,615	10,531	9,675	9,060	9,101	9,220	9,329	9,274	9,201	9,764	9,217	[r]9,470	9,788	...
Rubber and plastics products ... do	6,298	5,584	6,172	6,153	6,165	6,115	6,046	5,868	5,791	5,678	5,803	5,688	5,584	[r]5,456	5,402	...
By stage of fabrication:																
Materials and supplies ... do	38,015	35,433	37,899	37,317	37,486	37,172	36,714	36,789	36,448	35,800	35,637	35,814	35,433	[r]35,652	35,330	...
Work in process ... do	16,196	14,348	15,792	15,629	15,601	15,438	15,555	15,519	15,529	15,192	14,857	14,794	14,348	[r]14,414	14,674	...
Finished goods ... do	40,511	38,456	40,877	41,057	39,983	38,969	38,557	38,808	38,775	38,689	39,373	39,365	38,456	[r]38,053	38,102	...
By market category: †																
Home goods and apparel ... do	22,948	20,842	22,631	22,041	21,948	21,779	21,598	21,675	21,517	21,416	21,327	21,071	20,842	[r]20,556	20,677	...
Consumer staples ... do	33,100	32,129	33,644	33,631	33,673	33,355	32,832	33,351	33,262	32,632	32,692	32,638	32,129	[r]32,442	32,330	...
Equip. and defense prod., exc. auto ... do	76,445	76,315	76,744	76,716	77,708	77,506	77,622	77,423	77,618	77,464	77,083	76,653	76,315	[r]75,460	75,005	...
Automotive equipment ... do	11,873	11,038	11,366	11,220	11,191	11,102	11,226	11,332	11,054	10,807	10,806	10,500	11,038	[r]10,582	10,616	...
Construction materials and supplies ... do	22,172	19,568	21,338	21,078	20,723	20,639	20,533	20,415	20,490	20,261	20,125	19,909	19,568	[r]18,973	19,029	...
Other materials and supplies ... do	116,613	105,320	115,964	115,379	113,741	112,068	111,304	110,718	110,361	109,894	109,677	108,526	105,320	[r]104,111	103,986	...
Supplementary series:																
Household durables ... do	11,256	10,133	11,120	10,896	10,856	10,692	10,744	10,782	10,656	10,678	10,548	10,302	10,133	[r]10,100	10,168	...
Capital goods industries ... do	86,515	86,565	86,974	86,795	87,752	87,644	87,393	87,378	87,885	87,579	87,779	87,018	86,565	[r]85,775	85,577	...
Nondefense ... do	73,360	70,735	73,376	72,937	73,806	73,615	73,166	73,173	73,426	72,710	72,575	71,667	70,735	[r]69,355	69,154	...
Defense ... do	13,154	15,830	13,598	13,857	13,946	14,029	14,227	14,205	14,459	14,869	15,204	15,351	15,830	[r]16,420	16,423	...
New orders, net (not seas. adj.), total † ... do	1,992,174	1,862,569	159,497	166,453	156,759	155,250	162,730	143,375	149,397	161,757	157,190	148,975	153,211	[r]152,422	159,530	...
Durable goods industries, total ... do	999,262	895,585	78,548	84,383	77,867	74,504	78,199	66,393	67,545	75,921	75,222	69,430	75,718	[r]76,814	80,043	...
Nondurable goods industries, total ... do	992,906	966,982	80,949	82,069	78,892	80,746	84,531	76,982	81,852	85,836	81,968	79,545	77,493	[r]75,608	79,487	...
New orders, net (seas. adj.), total † ... do	[1]1,992,174	[1]1,862,569	155,984	157,198	154,995	156,791	157,058	158,588	154,380	156,166	149,696	150,362	156,263	[r]160,214	156,761	...
By industry group:																
Durable goods industries, total ... do	[1]999,262	[1]895,585	76,309	77,859	76,194	75,710	74,550	76,446	72,982	73,266	69,598	70,607	76,593	[r]80,921	78,357	...
Primary metals ... do	[1]133,894	[1]96,308	8,241	7,596	8,137	8,453	8,617	8,660	8,178	7,983	6,943	7,466	6,655	[r]8,246	9,757	...
Blast furnaces, steel mills ... do	[1]68,406	[1]42,571	3,741	3,432	3,583	3,928	3,789	3,999	3,749	3,351	2,795	3,056	2,485	[r]3,449	4,108	...
Nonferrous and other primary met ... do	[1]53,601	[1]44,970	3,767	3,440	3,828	3,741	3,939	3,797	3,765	4,010	3,534	3,729	3,546	[r]4,018	4,882	...
Fabricated metal products ... do	[1]122,023	[1]107,391	9,052	9,819	8,989	9,405	9,389	9,368	8,897	8,668	8,297	8,186	8,426	[r]9,215	9,640	...
Machinery, except electrical ... do	[1]202,444	[1]166,564	14,506	14,438	15,262	14,408	13,015	12,876	13,091	13,978	13,824	12,970	12,488	[r]13,321	12,517	...
Electrical machinery ... do	[1]141,836	[1]143,718	11,391	12,782	12,508	11,888	11,705	12,396	11,572	12,025	11,115	12,193	12,473	[r]11,986	12,195	...
Transportation equipment ... do	[1]202,464	[1]197,014	17,305	17,138	16,595	16,011	16,347	17,515	16,084	14,828	14,267	14,567	21,732	[r]21,510	18,082	...
Aircraft, missiles, and parts ... do	[1]66,145	[1]67,926	7,475	7,206	5,779	4,854	4,560	4,989	5,175	4,181	5,108	5,193	7,395	[r]8,472	5,644	...
Nondurable goods industries, total ... do	[1]992,906	[1]966,982	79,676	79,339	78,803	81,081	82,508	82,142	81,398	82,900	80,098	79,755	79,670	[r]79,293	78,404	...
Industries with unfilled orders ‡ ... do	[1]205,865	[1]204,680	16,866	17,607	16,653	16,756	16,867	16,742	17,181	17,314	16,822	17,287	17,619	[r]17,530	16,953	...
Industries without unfilled orders ¶ ... do	[1]787,035	[1]639,637	62,810	61,732	62,151	64,325	65,641	65,400	64,217	65,586	63,276	62,468	62,051	[r]61,763	61,451	...
By market category: †																
Home goods and apparel ... do	[1]136,193	[1]130,419	11,120	11,570	10,067	11,040	10,964	11,181	11,099	10,978	10,772	10,683	10,420	[r]11,330	11,451	...
Consumer staples ... do	[1]349,422	[1]362,425	29,996	29,822	29,477	30,340	31,070	30,590	30,181	31,389	29,967	30,147	30,456	[r]30,666	30,951	...
Equip. and defense prod., excl. auto ... do	[1]308,341	[1]289,180	26,161	25,349	25,890	22,074	23,179	22,390	21,542	22,310	22,325	22,888	27,776	[r]26,460	22,010	...
Automotive equipment ... do	[1]134,890	[1]126,585	9,438	10,285	10,625	11,398	11,887	12,647	11,928	11,267	9,346	9,419	10,335	[r]12,216	13,229	...
Construction materials and supplies ... do	[1]152,050	[1]136,393	11,108	12,006	11,003	11,592	11,384	12,008	11,429	11,691	11,205	10,894	10,995	[r]12,652	12,289	...
Other materials and supplies ... do	[1]911,244	[1]817,555	68,162	68,167	67,937	70,347	68,574	69,772	68,201	68,531	66,081	66,331	66,281	[r]66,890	66,831	...
Supplementary series:																
Household durables ... do	[1]61,120	[1]57,626	4,869	5,353	4,254	5,022	5,004	4,990	4,670	4,850	4,743	4,715	4,480	[r]5,078	4,991	...
Capital goods industries ... do	[1]347,076	[1]321,165	28,772	29,239	28,782	25,107	24,715	25,006	24,207	24,608	25,004	25,264	31,463	[r]29,348	25,147	...
Nondefense ... do	[1]288,725	[1]248,183	21,560	22,174	22,608	20,332	19,278	20,322	18,893	20,273	20,183	20,173	20,154	[r]20,466	19,001	...
Defense ... do	[1]58,350	[1]72,978	7,213	7,065	6,174	4,775	5,437	4,684	5,314	4,335	4,821	5,091	11,309	[r]8,882	6,146	...

See footnotes at end of tables.

GENERAL BUSINESS INDICATORS—Continued

Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	1981	1982	1982											1983		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
MANUFACTURERS' SALES, INVENTORIES, AND ORDERS †—Continued																
Unfilled orders, end of year or month (unadjusted), total † ..... mil. $..	316,375	292,978	319,197	319,817	318,518	312,234	305,804	301,624	295,827	292,004	291,312	288,323	292,978	r300,221	302,133	.....
Durable goods industries, total ..... do....	306,395	283,757	309,365	309,971	308,736	302,762	296,652	292,684	286,850	282,866	282,244	279,370	283,757	r290,726	292,769	.....
Nondur. goods ind. with unfilled orders ‡..... do....	9,979	9,221	9,832	9,847	9,782	9,472	9,152	8,940	8,977	9,138	9,068	8,953	9,221	r9,495	9,364	.....
Unfilled orders, end of year or month (seasonally adjusted) total † ..... mil. $..	318,621	294,572	315,957	315,639	314,521	310,482	306,032	303,235	299,001	295,883	293,107	291,128	294,572	r298,197	299,011	.....
By industry group:																
Durable goods industries, total # ..... do....	308,370	285,077	306,211	305,947	305,004	301,194	296,866	294,272	290,011	286,706	283,960	281,861	285,077	r288,750	289,715	.....
Primary metals ..... do....	26,623	20,408	24,427	23,195	22,378	22,147	22,168	22,385	22,181	21,913	21,167	21,318	20,408	r20,692	22,453	.....
Blast furnaces, steel mills ..... do....	16,113	12,155	14,502	13,679	13,106	13,129	12,930	13,244	13,369	13,093	12,823	12,818	12,155	r12,328	13,256	.....
Nonferrous and other primary met..... do....	7,302	6,053	6,921	6,697	6,572	6,419	6,586	6,499	6,391	6,493	6,106	6,273	6,053	r6,161	6,982	.....
Fabricated metal products ..... do....	29,240	22,238	28,281	28,334	27,574	26,883	26,384	25,788	25,004	24,150	23,528	22,605	22,238	r22,038	22,118	.....
Machinery, except electrical ..... do....	72,627	54,627	69,727	67,595	67,425	65,934	63,462	61,458	59,703	58,276	58,054	56,491	54,627	r53,913	52,795	.....
Electrical machinery ..... do....	51,939	57,710	52,510	53,784	54,613	54,588	54,655	54,942	55,082	55,654	55,548	56,577	57,710	r58,007	58,490	.....
Transportation equipment ..... do....	113,709	117,765	117,196	118,529	119,178	117,876	116,652	116,359	114,855	113,390	112,604	112,086	117,765	r121,727	121,266	.....
Aircraft, missiles, and parts ..... do....	87,207	90,419	90,514	92,483	93,349	92,613	91,494	91,178	91,151	90,025	89,355	89,021	90,419	r93,087	93,163	.....
Nondur. goods ind. with unfilled orders ‡.. do....	10,251	9,495	9,746	9,692	9,518	9,288	9,166	8,963	8,990	9,177	9,147	9,267	9,495	r9,447	9,296	.....
By market category: †																
Home goods, apparel, consumer staples..... do....	4,244	3,637	3,998	4,429	3,684	3,951	4,087	3,866	3,700	3,556	3,446	3,462	3,637	r3,716	3,866	.....
Equip. and defense prod., incl. auto ..... do....	187,724	181,533	190,323	190,002	191,517	188,274	186,916	185,350	182,561	180,468	179,112	178,065	181,533	r184,587	183,411	.....
Construction materials and supplies ..... do....	16,982	13,244	16,148	16,416	15,972	15,506	15,170	15,076	14,606	14,509	14,178	13,517	13,244	r13,079	12,984	.....
Other materials and supplies ..... do....	109,671	96,158	105,488	104,793	103,346	102,751	99,859	98,943	98,134	97,350	96,371	96,084	96,158	r96,815	98,750	.....
Supplementary series:																
Household durables ..... do....	3,069	2,536	2,916	3,288	2,643	2,858	2,961	2,815	2,689	2,528	2,438	2,475	2,536	r2,627	2,755	.....
Capital goods industries ..... do....	220,621	213,724	222,197	222,888	224,799	221,766	218,756	216,480	214,264	211,737	210,440	209,314	213,724	r216,818	215,863	.....
Nondefense ..... do....	146,701	122,924	142,868	140,982	140,991	137,852	134,226	132,067	129,183	127,180	125,988	124,721	122,924	r122,175	120,197	.....
Defense ..... do....	73,919	90,800	79,329	81,905	83,808	83,914	84,530	84,413	85,081	84,557	84,452	84,593	90,800	r94,643	95,666	.....
BUSINESS INCORPORATIONS @																
New incorporations (50 States and Dist. Col.):																
Unadjusted ..... number..	r581,242	566,942	42,511	52,574	48,845	46,008	48,876	45,282	45,572	45,461	45,029	44,354	59,750	.....	.....	.....
Seasonally adjusted ..... do....	.....	.....	47,234	46,899	46,876	46,995	45,936	44,525	46,981	45,552	45,530	48,474	57,507	.....	.....	.....
INDUSTRIAL AND COMMERCIAL FAILURES @																
Failures, total ..... number..	16,794	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Commercial service ..... do....	2,366	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Construction ..... do....	3,614	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Manufacturing and mining ..... do....	2,224	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Retail trade ..... do....	6,882	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wholesale trade ..... do....	1,708	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Liabilities (current), total ..... thous. $..	6,955,180	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Commercial service ..... do....	1,045,825	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Construction ..... do....	851,780	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Manufacturing and mining ..... do....	2,370,415	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Retail trade ..... do....	1,558,528	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wholesale trade ..... do....	1,128,632	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Failure annual rate (seasonally adjusted) No. per 10,000 concerns..	[1]61.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

COMMODITY PRICES

PRICES RECEIVED AND PAID BY FARMERS ¶																
Prices received, all farm products ..... 1910-14=100..	633	609	609	609	618	634	628	624	607	619	585	587	581	585	604	607
Crops # ..... do....	580	525	535	522	533	544	541	540	508	538	491	505	495	492	r509	519
Commercial vegetables ..... do....	677	633	800	664	641	605	640	604	528	501	518	617	578	526	r624	714
Cotton ..... do....	566	467	415	425	459	471	490	506	446	469	505	506	484	473	r476	491
Feed grains and hay ..... do....	446	378	390	391	404	417	404	385	363	345	328	345	363	375	r401	409
Food grains ..... do....	456	401	425	419	417	413	388	374	376	383	388	393	398	404	r405	414
Fruit ..... do....	483	654	553	535	549	596	612	761	689	1,088	721	671	546	499	r479	453
Tobacco ..... do....	1,363	1,496	1,474	1,469	1,469	1,469	1,474	1,400	1,526	1,565	1,535	1,548	1,548	1,530	1,521	1,517
Livestock and products # ..... do....	688	696	685	699	706	727	718	711	710	705	685	672	669	682	r705	699
Dairy products ..... do....	842	829	844	832	820	807	801	807	807	826	844	856	850	844	844	838
Meat animals ..... do....	848	876	841	870	898	950	936	912	922	894	850	823	828	857	r893	885
Poultry and eggs ..... do....	264	251	264	268	255	247	245	254	236	253	249	244	232	231	244	242
Prices paid:																
Production items ..... do....	855	864	855	864	863	868	873	873	871	865	859	860	859	869	875	880
All commodities and services, interest, taxes, and wage rates (parity index) ..... 1910-14=100..	1,035	1,071	1,059	1,066	1,065	1,070	1,076	1,079	1,079	1,077	1,073	1,075	1,073	1,083	r1,088	1,091
Parity ratio § ..... do....	61	57	58	57	58	59	58	58	56	57	55	55	54	54	56	56
CONSUMER PRICES *(U.S. Department of Labor Indexes)*																
Not Seasonally Adjusted																
ALL ITEMS, WAGE EARNERS AND CLERICAL WORKERS, REVISED (CPI-W) ..... 1967=100..	272.3	288.6	282.9	282.5	283.7	286.5	290.1	291.8	292.4	292.8	293.6	293.2	292.0	292.1	292.3	293.0
ALL ITEMS, ALL URBAN CONSUMERS (CPI-U) ..... 1967=100..	272.4	289.1	283.4	283.1	284.3	287.1	290.6	292.2	292.8	293.3	294.1	293.6	292.4	[2]293.1	293.2	293.4
Special group indexes:																
All items less shelter ..... do....	258.5	273.3	268.3	268.5	268.7	270.6	273.8	275.3	275.7	276.9	277.9	278.1	278.2	278.5	278.5	278.7
All items less food ..... do....	270.6	288.4	282.1	281.7	282.9	286.0	289.7	291.5	292.5	292.9	294.0	293.6	292.1	[2]292.6	292.6	292.4
All items less medical care ..... do....	270.9	286.8	281.5	280.9	282.1	284.9	288.4	289.9	290.5	290.8	291.5	290.8	289.5	[2]290.0	290.0	290.1

See footnotes at end of tables.

COMMODITY PRICES—Continued

Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	1981	1982	1982											1983		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
CONSUMER PRICES—Continued *(U.S. Department of Labor Indexes)—Continued*																
Not Seasonally Adjusted																
All items (CPI-U)—Continued																
Commodities ..... 1967=100..	253.6	263.8	259.5	258.8	258.9	261.5	265.1	266.5	266.4	266.6	267.5	267.8	267.7	[1]267.2	266.7	266.7
Nondurables ..... do....	266.3	273.6	271.7	270.7	269.3	270.7	274.4	275.7	275.5	276.2	276.5	276.4	275.8	275.2	274.6	274.4
Nondurables less food ..... do....	257.5	261.6	260.1	258.4	255.0	256.2	261.2	263.0	263.6	264.6	265.7	266.1	264.7	262.4	260.5	258.9
Durables ..... do....	227.1	241.1	233.7	233.5	235.8	239.8	243.2	244.7	244.6	244.1	246.0	246.6	247.3	[1]247.3	247.1	247.4
Commodities less food ..... do....	241.2	250.9	246.0	245.2	245.0	247.8	251.9	253.5	253.8	253.9	255.4	256.0	255.8	[1]254.4	253.2	252.4
Services ..... do....	305.7	333.3	325.3	325.5	328.4	331.8	334.9	337.0	338.9	339.7	340.3	338.6	335.6	[1]337.9	338.9	339.4
Services less rent ..... do....	324.3	354.2	345.7	345.7	349.1	352.8	356.5	358.5	360.5	361.3	361.6	359.3	355.5	(2)	.....	.....
Food # ..... do....	274.6	285.7	283.3	283.0	283.9	285.5	287.8	288.5	287.4	287.6	287.0	286.4	286.5	288.1	289.0	290.5
Food at home ..... do....	269.9	279.2	278.0	277.1	277.9	279.8	282.6	282.8	280.8	280.6	279.4	278.3	277.8	279.3	280.3	281.9
Housing ..... do....	293.5	314.7	307.3	306.7	309.4	313.8	317.5	319.2	320.1	319.7	320.7	319.0	316.3	[1]317.9	318.5	318.6
Shelter # ..... do....	314.7	337.0	329.5	327.6	331.4	336.7	340.9	342.8	344.2	342.6	342.8	340.7	335.9	[1]338.3	339.2	339.3
Rent, residential ..... do....	208.2	224.0	218.6	219.6	220.1	221.8	222.6	224.8	226.0	226.9	228.9	230.2	230.8	232.2	233.1	233.6
Homeownership ..... do....	352.7	376.8	368.7	365.7	370.6	377.4	382.8	384.5	385.9	383.0	382.8	379.5	372.9	(2)	.....	.....
Fuel and utilities # ..... do....	319.2	350.8	337.1	339.3	339.2	345.4	352.2	354.7	356.3	359.5	363.4	362.2	364.1	365.4	364.6	363.8
Fuel oil, coal, and bottled gas ..... do....	675.9	667.9	683.1	664.0	641.3	644.6	656.6	659.9	659.9	662.8	677.2	691.3	688.5	671.1	654.0	625.3
Gas (piped) and electricity ..... do....	345.9	393.8	368.7	375.9	377.8	389.0	398.9	402.1	404.4	409.2	413.4	407.6	410.6	413.5	414.5	418.0
Household furnishings and operation ..... do....	221.3	233.2	230.2	231.6	232.6	233.4	233.7	234.1	233.4	234.2	235.4	235.1	235.7	[1]235.8	236.7	237.6
Apparel and upkeep ..... do....	186.9	191.8	188.0	191.1	191.9	191.5	190.8	189.7	191.8	194.9	195.5	195.4	193.6	191.0	192.0	194.5
Transportation ..... do....	280.0	291.5	288.0	285.1	282.9	285.6	292.8	296.1	296.2	295.3	295.5	295.8	294.8	293.0	289.9	287.4
Private ..... do....	277.5	287.5	284.5	281.3	278.8	281.5	288.9	292.3	292.4	291.1	291.1	291.4	290.4	288.4	285.2	282.7
New cars ..... do....	190.2	197.6	195.5	194.4	196.0	197.5	198.1	198.6	198.7	197.7	197.7	199.0	200.1	201.0	201.3	201.2
Used cars ..... do....	256.9	296.4	279.7	280.9	285.1	291.4	298.2	302.4	304.4	304.6	306.7	310.5	312.6	311.0	309.1	309.3
Public ..... do....	312.0	346.0	336.8	336.7	339.3	342.1	345.6	347.2	348.1	353.3	356.3	356.0	355.6	357.7	355.2	354.5
Medical care ..... do....	294.5	328.7	316.2	318.8	321.7	323.8	326.4	330.0	333.3	336.0	338.7	342.2	344.3	347.8	351.3	352.3
Seasonally Adjusted @																
All items, percent change from previous month	.....	.....	0.1	0.0	0.2	1.0	1.1	0.6	0.3	0.1	0.4	0.0	–0.3	[1]0.2	–0.2	0.1
Commodities ..... 1967=100..	.....	.....	259.0	258.8	258.1	261.0	264.3	265.8	266.0	266.4	267.9	268.1	268.4	[1]268.1	266.3	266.8
Commodities less food ..... do....	.....	.....	245.7	245.3	244.2	247.3	251.2	253.0	253.6	253.8	255.6	255.9	256.3	[1]255.6	253.0	252.8
Food ..... do....	.....	.....	282.6	282.8	283.3	285.4	287.1	287.6	286.9	287.5	288.1	288.2	288.1	288.3	288.3	290.1
Food at home ..... do....	.....	.....	277.1	277.0	277.4	279.7	281.5	281.5	279.9	280.2	280.5	280.1	279.4	279.5	279.4	281.8
Apparel and upkeep ..... do....	.....	.....	190.2	190.6	190.8	191.1	191.5	192.2	192.7	192.8	193.3	193.2	192.7	193.2	194.2	194.1
Transportation ..... do....	.....	.....	287.0	286.6	282.5	285.1	291.5	294.1	295.3	295.6	296.4	296.0	295.8	293.9	289.1	289.0
Private ..... do....	.....	.....	283.5	283.0	278.6	281.2	287.7	290.4	291.6	291.6	292.3	291.8	291.7	289.4	284.4	284.4
New cars ..... do....	.....	.....	195.3	195.7	196.1	196.5	197.2	198.0	199.2	199.6	199.2	198.7	199.3	199.4	201.1	202.6
Services ..... do....	.....	.....	326.0	326.1	329.0	332.1	334.9	336.8	338.9	339.1	339.9	339.3	336.7	[1]338.3	339.3	339.8
PRODUCER PRICES § *(U.S. Department of Labor Indexes)*																
Not Seasonally Adjusted																
All commodities ..... 1967=100..	293.4	299.3	298.6	298.0	298.0	298.6	299.3	300.4	300.2	299.3	299.8	r300.3	300.6	300.0	301.2	300.5
By stage of processing: †																
Crude materials for further processing ..... do....	329.0	319.5	321.6	320.0	322.6	328.3	325.6	323.4	319.8	316.1	312.0	r313.2	312.6	313.7	321.0	322.1
Intermediate materials, supplies, etc ..... do....	306.0	310.4	311.1	310.6	309.9	309.8	309.9	311.1	310.8	310.5	309.9	r309.9	310.2	309.9	310.5	309.2
Finished goods # ..... do....	269.8	280.6	277.9	277.3	277.3	277.8	279.9	281.7	282.3	281.2	284.1	284.9	285.1	283.6	283.7	283.4
Finished consumer goods ..... do....	271.3	280.9	278.6	277.7	277.3	277.7	280.1	282.1	282.8	281.9	284.3	r285.3	285.1	283.0	283.0	282.5
Capital equipment ..... do....	264.3	279.6	275.0	275.8	277.2	278.1	279.2	280.2	280.7	278.7	283.2	r283.8	285.1	285.7	286.2	286.5
By durability of product:																
Durable goods ..... do....	269.8	279.0	277.4	277.4	278.1	278.5	278.3	278.9	278.8	278.6	281.2	281.2	282.0	282.8	285.2	285.1
Nondurable goods ..... do....	312.4	315.3	315.4	314.2	313.6	314.5	316.0	317.6	317.1	315.7	314.3	r315.3	315.1	313.4	313.5	312.4
Total manufactures ..... do....	286.0	292.7	292.0	291.4	291.1	291.3	292.4	293.7	293.8	292.9	293.8	r293.9	294.1	293.7	294.1	293.0
Durable manufactures ..... do....	269.6	279.9	277.8	277.8	278.7	279.2	279.3	279.9	279.8	279.6	282.3	282.4	283.2	283.9	286.1	285.8
Nondurable manufactures ..... do....	303.6	306.4	307.2	305.9	304.1	304.0	306.3	308.5	308.6	307.1	306.0	r306.1	305.6	303.9	302.3	300.5
Farm prod., processed foods and feeds ..... do....	251.5	248.9	248.4	247.5	251.6	255.8	255.3	252.4	249.6	247.4	243.8	r243.9	244.8	245.9	249.9	250.4
Farm products ..... do....	254.9	242.3	247.1	244.7	250.6	256.5	252.7	246.6	240.8	234.5	229.2	r230.7	232.5	233.1	240.8	241.4
Foods and feeds, processed ..... do....	248.7	251.5	248.1	248.1	251.1	254.4	255.8	254.6	253.5	253.5	250.8	r250.2	250.6	251.8	253.9	254.3
Industrial commodities ..... do....	304.1	312.3	311.6	311.0	309.9	309.6	310.6	312.8	313.2	312.7	314.3	r315.0	315.0	314.0	314.4	313.4
Chemicals and allied products ..... do....	287.8	292.4	293.6	294.6	294.3	295.0	293.3	291.6	291.6	290.7	289.9	290.5	289.3	289.2	290.6	290.1
Fuels and related prod., and power ..... do....	694.4	693.2	697.8	689.7	670.6	662.2	677.3	701.1	705.6	700.4	698.8	r706.1	702.6	686.3	673.5	662.3
Furniture and household durables ..... do....	198.4	206.8	204.6	205.5	206.0	206.5	207.0	206.8	208.1	208.3	208.9	r208.9	208.6	210.1	211.7	212.1
Hides, skins, and leather products ..... do....	261.5	263.0	261.6	260.6	263.4	263.2	261.8	263.1	262.0	263.5	263.2	r263.2	265.2	265.6	265.0	265.9
Lumber and wood products ..... do....	292.8	284.7	285.2	285.3	286.5	284.6	289.0	288.6	284.2	283.0	279.4	279.9	284.8	292.1	302.7	305.0
Machinery and equipment ..... do....	263.1	278.7	275.4	276.2	277.6	278.2	278.6	279.6	279.9	280.2	281.1	r281.8	281.8	282.7	283.6	284.0
Metals and metal products ..... do....	300.4	301.8	304.2	302.9	303.1	302.8	299.3	299.5	299.2	301.8	301.6	r300.5	300.9	301.7	306.1	305.4
Nonmetallic mineral products ..... do....	309.5	320.2	319.0	319.9	320.2	321.2	320.9	321.1	320.5	321.2	321.1	r321.2	320.9	321.5	321.9	321.9
Pulp, paper, and allied products ..... do....	273.7	288.6	286.3	287.4	288.5	289.6	289.5	289.1	289.3	289.4	289.8	r289.8	289.5	291.1	293.3	293.8
Rubber and plastics products ..... do....	232.8	241.6	239.3	240.8	241.1	242.1	242.5	242.0	242.6	242.5	242.2	r241.7	243.0	244.5	242.8	243.1
Textile products and apparel ..... do....	199.6	204.3	205.6	205.0	205.4	205.4	205.0	204.1	204.2	204.3	204.1	r203.9	202.4	202.6	202.4	203.2
Transportation equipment # ....Dec. 1968=100..	235.4	249.7	245.2	245.2	245.8	247.5	249.1	249.8	250.6	244.5	256.0	r256.3	257.5	257.1	257.3	257.1
Motor vehicles and equip ..... 1967=100..	237.5	251.3	246.8	246.8	247.2	249.2	251.1	252.0	252.8	244.6	257.8	r257.8	257.9	257.8	258.1	257.7
Seasonally Adjusted ‡																
Finished goods, percent change from previous month	.....	.....	0.1	–0.3	0.1	0.0	1.0	0.5	0.5	0.1	0.4	0.6	0.2	–1.0	0.1	–0.1
By stage of processing: †																
Crude materials for further processing 1967=100..	.....	.....	317.9	317.0	320.8	326.4	325.8	322.1	319.1	315.4	314.3	r317.3	316.5	315.6	317.6	319.4
Intermediate materials, supplies, etc ..... do....	.....	.....	311.0	309.6	308.4	308.7	309.7	310.3	310.3	310.8	310.9	r311.7	311.8	310.8	310.5	308.3
Finished goods # ..... do....	.....	.....	277.5	276.8	277.1	277.1	279.9	281.2	282.5	282.8	283.8	285.5	286.0	283.0	283.4	283.0
Finished consumer goods ..... do....	.....	.....	278.3	277.0	277.3	276.9	280.0	281.5	282.6	283.0	284.4	r286.2	286.5	282.6	282.8	282.0
Food ..... do....	.....	.....	257.8	257.4	261.6	262.3	263.5	259.2	259.4	258.3	258.2	r258.2	258.7	258.2	259.8	261.1
Finished goods, exc. foods ..... do....	.....	.....	284.6	282.9	281.6	280.7	284.6	288.5	290.1	291.2	293.2	r295.8	295.9	290.5	290.0	288.1
Durable ..... do....	.....	.....	223.3	224.6	224.3	225.0	226.8	227.4	228.6	227.8	228.5	r229.8	229.9	229.8	232.8	233.8
Nondurable ..... do....	.....	.....	330.3	326.5	324.4	322.4	327.7	334.3	336.2	338.6	341.7	r345.3	345.5	335.9	332.5	328.3
Capital equipment ..... do....	.....	.....	274.5	276.0	276.5	277.8	279.5	280.5	282.3	281.9	282.0	r283.1	284.6	284.3	285.6	286.7
PURCHASING POWER OF THE DOLLAR																
As measured by:																
Producer prices ..... 1967=$1.00..	0.371	0.356	0.360	0.361	0.361	0.360	0.357	0.355	0.354	0.356	0.352	0.351	0.351	0.353	0.352	0.353
Consumer prices ..... do....	0.367	0.346	0.353	0.353	0.352	0.348	0.344	0.342	0.342	0.341	0.340	0.341	0.342	[1]0.341	0.341	0.341

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	1981	1982	1982											1983		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
CONSTRUCTION AND REAL ESTATE																
CONSTRUCTION PUT IN PLACE																
New construction (unadjusted), total ... mil. $..	238,201	r229,564	14,726	16,705	17,943	19,323	20,932	20,490	21,021	21,402	r21,202	r20,946	r19,734	r17,178	16,551	...
Private, total # ... do....	185,222	r179,412	11,794	13,349	14,173	15,205	16,281	15,738	15,801	16,005	r16,302	r16,402	r16,193	r13,859	13,616	...
Residential ... do....	86,566	r75,004	4,417	5,175	5,915	6,609	6,899	6,680	6,628	6,602	r6,954	r7,298	r6,863	r6,280	6,060	...
New housing units ... do....	62,664	r51,991	3,166	3,789	3,856	4,175	4,406	4,676	4,846	5,006	4,971	5,068	r4,582	r4,440	4,414	...
Nonresidential buildings, except farm and public utilities, total # ... mil. $..	60,818	64,215	4,575	5,018	5,195	5,383	5,776	5,610	5,615	5,679	5,774	5,652	5,397	r4,823	4,795	...
Industrial ... do....	17,030	16,669	1,239	1,338	1,296	1,417	1,543	1,433	1,458	1,465	1,548	1,369	1,338	r1,112	1,079	...
Commercial ... do....	34,248	37,131	2,623	2,898	3,078	3,119	3,320	3,302	3,235	3,289	3,252	3,285	3,110	r2,818	2,843	...
Public utilities:																
Telephone and telegraph ... do....	7,074	7,140	531	639	584	588	654	626	652	652	604	599	545	438	...	...
Public, total # ... do....	52,979	r50,152	2,932	3,356	3,770	4,118	4,651	4,752	5,220	5,396	r4,900	r4,544	r3,541	r3,319	2,935	...
Buildings (excluding military) # ... do....	17,792	r16,830	1,227	1,290	1,377	1,377	1,468	1,458	1,527	1,599	r1,458	r1,513	r1,347	r1,352	1,278	...
Housing and redevelopment ... do....	1,722	r1,661	113	129	137	128	132	142	153	150	r152	162	r153	145	134	...
Industrial ... do....	1,655	1,632	121	138	150	131	146	141	144	167	136	r139	127	157	127	...
Military facilities ... do....	1,964	r2,191	114	179	137	186	168	201	215	244	r183	r216	r190	r203	212	...
Highways and streets ... do....	13,304	13,180	444	585	721	1,014	1,467	1,563	1,673	1,672	1,649	1,241	717	r558	478	...
New construction (seasonally adjusted at annual rates), total ... bil. $..	...	...	222.6	224.6	226.1	228.7	231.6	227.6	228.1	228.1	r230.8	r239.6	r239.0	r256.1	250.9	...
Private, total # ... do....	...	...	173.0	173.6	175.1	179.9	182.6	178.7	176.6	177.0	r179.8	r187.5	r191.4	200.2	201.3	...
Residential ... do....	...	...	69.2	70.0	72.3	75.5	75.3	73.4	72.1	71.5	r75.7	r81.7	r87.0	r93.5	95.4	...
New housing units ... do....	...	...	49.2	51.0	49.6	51.0	49.8	51.5	52.3	53.1	52.3	54.7	r57.3	r65.9	69.2	...
Nonresidential buildings, except farm and public utilities, total # ... bil. $..	...	...	64.1	64.9	64.2	64.4	67.1	64.0	63.3	64.2	63.5	64.7	64.2	r66.5	67.0	...
Industrial ... do....	...	...	17.2	16.6	15.9	17.1	18.4	16.4	16.7	16.6	17.1	15.8	15.3	r15.5	15.0	...
Commercial ... do....	...	...	36.8	38.4	38.4	36.8	38.0	37.5	36.1	37.1	35.7	37.8	37.5	r38.8	39.8	...
Public utilities:																
Telephone and telegraph ... do....	...	...	8.4	7.4	7.1	7.3	7.0	7.4	7.2	7.3	6.5	6.8	6.3	6.9	...	...
Public, total # ... do....	...	...	49.6	51.0	51.0	48.8	48.9	48.9	51.4	51.1	r51.0	r52.1	r47.6	r55.9	49.6	...
Buildings (excluding military) # ... do....	...	...	17.7	16.9	17.5	16.5	16.8	16.1	16.9	16.8	r17.0	17.8	16.3	19.0	18.3	...
Housing and redevelopment ... do....	...	...	1.5	1.6	1.6	1.5	1.6	1.6	1.8	1.6	r1.8	r1.9	r1.7	2.2	1.8	...
Industrial ... do....	...	...	1.8	1.6	1.8	1.5	1.6	1.7	1.8	1.6	1.9	r2.0	1.4	1.9	1.9	...
Military facilities ... do....	...	...	1.5	2.3	1.7	2.1	1.9	2.3	2.5	2.7	2.3	2.5	r2.3	2.7	2.7	...
Highways and streets ... do....	...	...	12.4	13.3	12.1	11.7	13.1	14.1	13.3	13.5	14.3	13.9	12.4	r14.8	13.4	...
CONSTRUCTION CONTRACTS																
Construction contracts in 50 States (F.W. Dodge Division, McGraw-Hill):																
Valuation, total ... mil. $..	153,480	154,619	11,082	13,036	11,713	11,821	15,444	12,528	13,896	14,180	12,549	12,909	13,977	11,376	11,310	...
Index (mo. data seas. adj.) ... 1977=100..	r110	r111	115	105	88	94	111	98	112	117	105	122	131	127	119	...
Public ownership ... mil. $..	38,956	41,347	3,050	4,280	3,394	3,773	4,360	3,745	3,411	3,849	3,272	3,137	2,835	2,958	2,538	...
Private ownership ... do....	114,524	113,273	8,032	8,756	8,319	8,048	11,084	8,783	10,485	10,330	9,276	9,772	11,142	8,418	8,772	...
By type of building:																
Nonresidential ... do....	60,088	59,208	5,793	5,273	4,400	4,233	6,113	5,011	5,250	5,226	5,027	4,520	3,975	4,459	4,214	...
Residential ... do....	60,164	58,076	3,045	4,600	4,656	4,984	5,602	5,144	5,414	5,525	5,629	5,628	5,184	4,970	4,775	...
Non-building construction ... do....	33,228	37,336	2,244	3,164	2,658	2,604	3,729	2,372	3,232	3,429	1,893	2,761	4,818	1,947	2,321	...
New construction planning (Engineering News-Record) § ... do....	166,366	149,206	12,102	10,844	14,043	9,119	8,278	11,992	10,385	11,936	13,373	15,530	17,683	12,665	11,802	12,737
HOUSING STARTS AND PERMITS																
New housing units started:																
Unadjusted:																
Total (private and public) ... thous..	1,100.3	1,072.0	52.0	78.7	85.1	99.2	91.9	107.2	97.2	108.4	111.5	109.9	83.4	r92.9	r96.4	135.7
Privately owned ... do....	1,084.2	1,062.2	51.3	78.2	84.1	98.8	91.1	106.8	96.0	106.4	110.5	108.9	82.9	r91.3	r96.0	134.4
One-family structures ... do....	705.4	662.6	32.5	51.8	55.8	58.9	63.5	61.4	62.0	63.3	66.3	66.0	51.8	r56.3	r59.7	84.9
Seasonally adjusted at annual rates:																
Total privately owned ... do....	...	...	911	920	911	1,028	910	1,185	1,046	1,134	1,142	1,361	1,280	r1,694	r1,775	1,611
One-family structures ... do....	...	...	561	607	583	622	617	625	651	683	716	868	842	r1,126	r1,087	991
New private housing units authorized by building permits (16,000 permit-issuing places): Monthly data are seas. adj. at annual rates:																
Total ... thous..	986	993	792	851	879	944	929	1,062	888	1,003	1,172	1,192	1,305	1,478	1,493	1,434
One-family structures ... do....	564	540	436	460	450	488	516	500	497	561	651	729	736	903	r833	833
Manufacturers' shipments of mobile homes																
Unadjusted ... thous..	240.9	238.9	17.3	22.1	22.3	21.8	23.6	19.4	22.2	21.2	20.4	18.8	15.9	18.1	19.7	...
Seasonally adjusted at annual rates ... do....	...	...	248	244	249	244	252	240	234	222	224	251	243	284	283	...
CONSTRUCTION COST INDEXES																
Dept. of Commerce composite ... 1977=100..	152.5	r155.1	156.0	156.3	156.5	154.9	154.3	155.1	154.8	155.1	r153.4	r154.3	r155.5	r158.4	158.9	...
American Appraisal Co., The:																
Average, 30 cities ... 1913=100..	2,643	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Atlanta ... do....	2,841	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
New York ... do....	2,645	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
San Francisco ... do....	2,873	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
St. Louis ... do....	2,453	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Boeckh indexes:																
Average, 20 cities:																
Apartments, hotels, office buildings 1977=100..	137.4	150.0	...	146.0	...	149.0	...	152.6	...	153.6	...	154.9	...	155.7	...	155.8
Commercial and factory buildings ... do....	140.1	151.9	...	148.5	...	151.1	...	154.3	...	155.2	...	156.0	...	159.2	...	159.7
Residences ... do....	136.0	147.5	...	143.1	...	146.1	...	149.9	...	151.2	...	152.5	...	153.1	...	153.5
Engineering News-Record:																
Building ... 1967=100..	310.3	r330.6	r325.4	r324.4	r325.1	r325.5	r329.4	r334.2	r334.3	r335.0	r334.8	r335.6	r340.0	342.0	347.5	r348.1
Construction ... do....	328.9	r356.1	r347.1	r346.5	r347.4	r347.6	r355.2	r363.0	r363.0	r363.3	r363.2	r364.8	r367.7	368.7	372.5	r372.9
Federal Highway Adm.—Highway construction:																
Composite (avg. for year or qtr.) ... 1977=100..	156.7	146.8	...	145.3	...	...	146.8	...	...	147.8	...	...	146.1	...	...	148.1

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	1981	1982	1982											1983		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
CONSTRUCTION AND REAL ESTATE—Continued																
REAL ESTATE ¶																
Mortgage applications for new home construction:																
FHA net applications ..... thous. units..	92.3	99.8	8.6	9.8	6.3	5.2	6.7	8.2	6.8	9.8	11.8	7.9	11.3	8.3	10.6	13.9
Seasonally adjusted annual rates ..... do....	.....	.....	110	101	74	65	90	100	102	180	106	143	168	178	167	.....
Requests for VA appraisals ..... do....	153.8	155.0	9.1	11.1	13.6	13.0	14.1	12.3	11.9	12.9	15.7	16.9	15.1	19.5	21.0	27.3
Seasonally adjusted annual rates ..... do....	.....	.....	120	119	143	149	157	137	128	154	186	227	238	274	278	292
Home mortgages insured or guaranteed by:																
Fed. Hous. Adm.: Face amount ..... mil. $..	10,278.14	8,087.07	606.52	585.12	547.57	589.61	716.28	653.80	592.51	772.41	724.61	771.21	1,083.56	914.79	1,100.29	2,026.13
Vet. Adm.: Face amount § ..... do....	7,905.93	5,428.27	393.60	421.78	374.45	327.85	443.89	438.90	552.50	743.54	385.69	454.78	563.89	630.80	961.02	1,243.48
Federal Home Loan Banks, outstanding advances to member institutions, end of period ..... mil. $..	65,194	66,004	65,089	66,162	67,941	67,801	69,398	69,325	68,399	67,642	67,077	66,308	66,004	62,365	61,004	60,024
New mortgage loans of all savings and loan associations, estimated total ..... mil. $..	53,283	54,298	2,849	3,966	3,807	3,797	5,006	4,101	4,543	5,112	4,724	5,314	8,451	r5,869	6,049	.....
By purpose of loan:																
Home construction ..... do....	11,599	11,765	592	966	832	796	1,052	859	981	1,154	1,125	1,194	1,719	r1,152	1,224	.....
Home purchase ..... do....	28,299	21,779	1,320	1,647	1,612	1,607	2,080	1,921	1,962	1,988	1,786	1,938	2,714	r2,173	2,194	.....
All other purposes ..... do....	13,385	20,754	937	1,353	1,363	1,394	1,874	1,321	1,600	1,970	1,813	2,182	4,018	r2,544	2,631	.....
DOMESTIC TRADE																
ADVERTISING																
Magazine advertising (Publishers Information Bureau):																
Cost, total ..... mil. $..	3,256.9	3,421.2	249.5	287.8	290.9	338.9	262.7	210.7	211.6	307.5	351.1	397.6	285.5	229.2	275.9	.....
Apparel and accessories ..... do....	143.4	154.4	8.4	15.1	15.9	11.8	5.5	7.6	13.0	23.2	17.2	16.7	11.9	8.8	10.3	.....
Automotive, incl. accessories ..... do....	291.7	330.0	23.5	29.6	25.5	36.5	17.0	21.2	20.1	17.9	36.8	46.2	26.9	19.3	32.0	.....
Building materials ..... do....	59.3	52.3	2.5	4.4	5.9	6.8	4.4	3.7	3.0	6.9	5.1	4.1	2.7	3.4	2.6	.....
Drugs and toiletries ..... do....	320.4	329.3	27.8	27.5	30.8	34.4	28.7	22.6	23.5	30.4	30.3	28.5	24.7	20.1	27.1	.....
Foods, soft drinks, confectionery ..... do....	234.4	261.3	21.1	18.5	26.2	21.2	22.8	20.9	15.8	22.3	26.9	34.3	20.8	14.2	23.7	.....
Beer, wine, liquors ..... do....	256.9	258.1	16.2	20.8	20.7	22.7	23.2	16.1	12.2	19.5	24.3	32.6	34.8	10.2	13.6	.....
Houshold equip., supplies, furnishings ..... do....	167.9	146.7	6.7	12.5	14.9	19.2	9.6	8.5	6.7	17.1	16.0	17.5	10.8	8.0	8.0	.....
Industrial materials ..... do....	67.7	50.9	4.2	5.5	5.2	8.0	3.5	3.2	3.2	3.9	3.7	4.4	2.4	2.3	2.3	.....
Soaps, cleansers, etc ..... do....	29.7	26.5	1.9	2.8	3.1	3.0	2.3	1.4	1.7	2.1	3.2	2.5	1.1	1.3	2.0	.....
Smoking materials ..... do....	316.6	358.0	24.5	27.1	28.9	32.3	28.2	27.2	31.0	32.0	34.2	38.7	32.7	31.4	31.4	.....
All other ..... do....	1,368.9	1,450.6	112.5	123.3	129.6	143.0	117.5	66.6	82.8	132.1	153.1	172.0	116.7	110.1	122.9	.....
Newspaper advertising expenditures (Media Records Inc.):																
Total ..... mil. $..	9,575.4	.....	729.6	824.3	814.7	904.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Automotive ..... do....	225.6	.....	22.5	25.8	24.1	25.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Classified ..... do....	2,514.9	.....	197.3	218.5	209.2	233.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Financial ..... do....	387.2	.....	26.0	31.3	30.6	29.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
General ..... do....	1,380.0	.....	119.1	128.8	122.8	137.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Retail ..... do....	5,067.8	.....	364.7	419.9	428.0	479.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
WHOLESALE TRADE ‡																
Merchant wholesalers sales (unadj.), total ..... mil. $..	r1,208,070	r1,144,352	r89,234	r106,276	r98,687	r97,707	r100,393	r93,273	r94,291	r93,626	r93,067	r94,181	r94,279	r87,420	84,732	.....
Durable goods establishments ..... do....	r509,743	r457,713	r36,303	r42,275	r39,361	r37,500	r39,143	r36,971	r38,103	r38,473	r38,473	r38,279	r37,643	r35,061	34,326	.....
Nondurable goods establishments ..... do....	r698,327	r686,639	r52,931	r64,001	r59,326	r60,207	r61,250	r56,302	r56,188	r55,153	r54,594	r55,902	r56,636	r52,359	50,406	.....
Merchant wholesalers inventories, book value, end of year or month (unadj.), total ..... mil. $..	r117,566	r119,302	r116,311	r117,529	r119,616	r117,563	r118,772	r118,676	r117,271	r118,424	r120,222	r119,620	r119,302	r118,010	117,586	.....
Durable goods establishments ..... do....	r75,601	r77,415	r76,151	r77,319	r79,642	r78,527	r79,658	r80,648	r79,398	r79,731	r79,439	r77,964	r77,415	r76,097	75,868	.....
Nondurable goods establishments ..... do....	r41,965	r41,887	r40,160	r40,210	r39,974	r39,036	r39,114	r38,028	r37,873	r38,693	r40,783	r41,656	r41,887	r41,913	41,718	.....
RETAIL TRADE																
All retail stores: †																
Estimated sales (unadj.), total † ..... mil. $..	r1,047,573	r1,075,679	r76,211	r86,569	r87,964	r90,812	r88,965	r91,213	r89,642	r88,159	r91,416	r94,196	r113,189	r81,329	r78,898	r91,963
Durable goods stores # ..... do....	r316,020	r320,868	r22,550	r27,030	r26,983	r28,488	r27,615	r27,204	r26,922	r26,776	r26,824	r28,423	r31,142	r23,808	r23,964	r29,346
Building materials, hardware, garden supply, and mobile home dealers ..... mil. $..	r51,968	r48,975	r2,966	r3,740	r4,187	r4,768	r4,704	r4,561	r4,395	r4,395	r4,404	r4,039	r3,864	r3,261	r3,150	r3,927
Automotive dealers ..... do....	r173,922	r182,390	r13,402	r16,468	r15,953	r16,742	r15,689	r15,459	r15,321	r15,261	r15,218	r16,233	r14,960	r13,776	r14,377	r18,161
Furniture, home furn., and equip ..... do....	r47,462	r46,513	r3,312	r3,741	r3,637	r3,664	r3,847	r3,926	r3,865	r3,765	r3,859	r4,193	r5,318	r3,639	r3,421	r3,903
Nondurable goods stores ..... do....	r731,553	r754,811	r53,661	r59,539	r60,981	r62,324	r61,350	r64,009	r62,720	r61,383	r64,592	r65,773	r82,047	r57,521	r54,934	r62,617
General merch. group stores ..... do....	r127,948	r131,282	r7,431	r9,421	r10,181	r10,707	r10,088	r10,061	r10,452	r10,066	r11,036	r13,197	r21,238	r7,896	r7,803	r10,303
Food stores ..... do....	r241,102	r252,802	r18,762	r20,283	r20,812	r21,404	r21,020	r22,674	r20,838	r20,957	r21,572	r20,680	r23,608	r20,354	r19,312	r21,393
Gasoline service stations ..... do....	r108,231	r104,633	r7,975	r8,465	r8,359	r8,619	r9,047	r9,463	r9,169	r8,706	r8,869	r8,585	r8,706	r8,059	r7,394	r7,872
Apparel and accessory stores ..... do....	r50,270	r51,991	r3,351	r3,937	r4,266	r4,150	r3,846	r4,020	r4,374	r4,151	r4,395	r4,762	r7,232	r3,496	r3,190	r4,102
Eating and drinking places ..... do....	r98,585	r107,357	r7,548	r8,449	r8,787	r9,214	r9,271	r9,786	r9,778	r9,145	r9,548	r8,878	r9,382	r8,673	r8,471	r9,656
Drug and proprietary stores ..... do....	r33,593	r35,849	r2,664	r2,899	r2,926	r2,930	r2,924	r2,924	r2,899	r2,859	r2,953	r3,021	r4,171	r2,975	r2,952	r3,227
Liquor stores ..... do....	17,461	19,031	r1,362	r1,475	r1,527	r1,591	r1,570	r1,690	r1,559	r1,505	r1,553	r1,559	r2,197	r1,386	1,348	.....
Estimated sales (seas. adj.), total † ..... do....	.....	.....	r88,049	r87,701	r88,468	r90,813	r88,603	r89,469	r89,069	r89,897	r90,905	r92,492	r92,459	r92,295	r91,197	r91,515
Durable goods stores # ..... do....	.....	.....	r25,741	r25,973	r26,718	r28,127	r26,136	r26,124	r25,831	r26,619	r27,154	r28,721	r28,723	r28,307	r27,279	r27,758
Building materials, hardware, garden supply, and mobile home dealers # ..... mil. $..	.....	.....	r3,970	r4,032	r4,119	r4,281	r4,139	r4,134	r4,014	r4,004	r4,024	r4,057	r4,143	r4,366	r4,212	r4,195
Building materials and supply stores .. do....	.....	.....	r2,709	r2,771	r2,857	r2,944	r2,903	r2,905	r2,821	r2,809	r2,848	r2,864	r3,018	r3,214	3,138	.....
Hardware stores ..... do....	.....	.....	r714	r715	r707	r735	r696	r684	r666	r663	r682	r682	r674	r710	684	.....
Automotive dealers ..... do....	.....	.....	r14,334	r14,609	r15,229	r16,430	r14,638	r14,650	r14,463	r15,200	r15,713	r17,104	r16,727	r15,979	r15,326	r15,869
Motor vehicle dealers ..... do....	.....	.....	r12,686	r12,955	r13,516	r14,664	r12,834	r12,865	r12,709	r13,424	r13,927	r15,298	r14,965	r14,227	r13,513	r14,064
Auto and home supply stores ..... do....	.....	.....	r1,648	r1,654	r1,713	r1,766	r1,804	r1,785	r1,754	r1,776	r1,786	r1,806	r1,762	r1,752	1,813	.....
Furniture, home furn., and equip. # ..... do....	.....	.....	r3,827	r3,858	r3,885	r3,917	r3,865	r3,889	r3,807	r3,807	r3,834	r3,868	r4,100	r4,100	r3,952	r3,962
Furniture, home furnishings stores ..... do....	.....	.....	2,161	2,182	2,233	2,239	2,187	2,204	2,187	2,180	2,242	2,258	2,326	r2,384	2,279	.....
Household appliance, radio, TV ..... do....	.....	.....	1,180	1,173	1,184	1,181	1,136	1,222	1,123	1,109	1,118	1,175	1,317	r1,414	1,382	.....

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	1981	1982	1982											1983		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
DOMESTIC TRADE—Continued																
RETAIL TRADE—Continued																
All retail stores †—Continued																
Estimated sales (seas. adj.)—Continued																
Nondurable goods stores ..... mil. $..	.....	.....	r62,308	r61,728	r61,750	r62,686	r62,467	r63,345	r63,238	r63,278	r63,751	r63,771	r63,736	r63,988	r63,918	r63,757
General merch. group stores ..... do....	.....	.....	r10,677	r10,726	r10,702	r11,032	r10,796	r10,925	r10,841	r10,847	r10,858	r11,043	r11,410	r11,313	r11,212	r11,320
Department stores ..... do....	.....	.....	r8,731	r8,778	r8,752	r9,009	r8,822	r8,929	r8,845	r8,821	r8,865	r8,928	r9,265	r9,309	r9,110	r9,318
Variety stores ..... do....	.....	.....	r703	r735	r713	r738	r712	r729	r738	r724	r726	r729	r744	r747	765	.....
Food stores ..... do....	.....	.....	r20,705	r20,590	r20,782	r21,113	r21,025	r21,247	r21,213	r21,253	r21,370	r21,333	r21,423	r21,115	r21,334	r21,396
Grocery stores ..... do....	.....	.....	r19,330	r19,264	r19,457	r19,733	r19,624	r19,839	r19,808	r19,870	r20,003	r19,964	r20,139	r19,868	r20,055	r20,092
Gasoline service stations ..... do....	.....	.....	r8,911	r8,629	r8,409	r8,559	r8,649	r8,803	r8,741	r8,750	r8,747	r8,733	r8,628	r8,583	r8,261	r7,976
Apparel and accessory stores # ..... do....	.....	.....	r4,535	r4,354	r4,278	r4,417	r4,226	r4,364	r4,321	r4,267	r4,279	r4,354	r4,341	r4,263	r4,314	r4,251
Men's and boys' clothing ..... do....	.....	.....	r656	r665	r678	r707	r681	r689	r667	r677	r671	r680	r682	r682	660	.....
Women's clothing, spec. stores, furriers do....	.....	.....	r1,680	r1,610	r1,592	r1,644	r1,560	r1,601	r1,575	r1,555	r1,592	r1,626	r1,638	r1,656	1,657	.....
Shoe stores ..... do....	.....	.....	r870	r837	r801	r834	r792	r830	r829	r827	r805	r818	r813	r822	860	.....
Eating and drinking places ..... do....	.....	.....	r8,726	r8,621	r8,674	r8,817	r8,863	r9,028	r9,113	r9,090	r9,324	r9,345	r9,345	r9,626	r9,782	r9,783
Drug and proprietary stores ..... do....	.....	.....	r2,918	r2,979	r2,950	r2,975	r2,999	r2,999	r3,001	r3,041	r3,041	r3,067	r3,016	r3,148	r3,233	r3,283
Liquor stores ..... do....	.....	.....	r1,584	r1,609	r1,635	r1,612	r1,583	r1,591	r1,573	r1,578	r1,577	r1,565	r1,548	r1,542	1,567	.....
Estimated inventories, end of year or month: †																
Book value (unadjusted), total ..... mil. $..	r123,591	r124,858	r121,463	r124,783	r124,998	r123,901	r125,496	r125,837	r126,850	r130,731	r135,378	r136,105	r124,858	123,583	.....	.....
Durable goods stores # ..... do....	r58,441	r58,902	r57,371	r58,340	r58,350	r57,932	r58,977	r59,014	r58,617	r59,866	r60,937	r60,812	r58,902	59,028	.....	.....
Building materials and supply stores .. do....	r9,737	r10,224	r10,020	r10,167	r10,351	r10,383	r10,338	r10,255	r10,192	r10,023	r10,142	r10,259	r10,224	10,350	.....	.....
Automotive dealers ..... do....	r26,638	r26,691	r25,890	r26,579	r26,149	r25,770	r26,994	r27,275	r26,245	r26,756	r27,083	r26,638	r26,691	26,620	.....	.....
Furniture, home furn., and equip ..... do....	r9,722	r9,878	r9,467	r9,499	r9,505	r9,574	r9,671	r9,639	r9,866	r10,111	r10,337	r10,324	r9,878	9,887	.....	.....
Nondurable goods stores # ..... do....	r65,150	r65,956	r64,092	r66,443	r66,648	r65,969	r66,519	r66,823	r68,233	r70,865	r74,441	r75,293	r65,956	64,555	.....	.....
General merch. group stores ..... do....	r21,808	r22,191	r21,868	r23,263	r23,646	r23,317	r23,566	r23,949	r24,646	r25,950	r27,992	r28,198	r22,191	21,805	.....	.....
Department stores ..... do....	r16,315	r16,462	r16,299	r17,401	r17,758	r17,442	r17,412	r17,497	r18,070	r19,071	r20,760	r21,130	r16,462	16,054	.....	.....
Food stores ..... do....	r14,300	r15,311	r14,200	r14,392	r14,394	r14,311	r14,504	r14,189	r14,071	r14,326	r14,982	r15,431	r15,311	14,983	.....	.....
Apparel and accessory stores ..... do....	r10,561	r10,477	r10,523	r11,048	r10,914	r10,830	r10,767	r10,891	r11,501	r11,970	r12,251	r12,167	r10,477	10,012	.....	.....
Book value (seas. adj.), total ..... do....	r126,833	r128,250	r125,321	r125,242	r125,479	r124,631	r126,300	r126,662	r128,258	r129,788	r128,849	r127,619	r128,250	128,131	.....	.....
Durable goods stores # ..... do....	r59,095	r59,597	r57,918	r57,698	r57,890	r57,039	r58,225	r58,888	r60,204	r61,668	r60,581	r59,417	r59,597	59,521	.....	.....
Building materials and supply stores .. do....	r10,164	r10,672	r10,040	r9,890	r10,001	r10,081	r10,145	r10,255	r10,223	r10,134	r10,234	r10,373	r10,672	10,725	.....	.....
Automotive dealers ..... do....	r26,296	r26,375	r25,864	r25,830	r25,813	r24,875	r26,132	r26,872	r27,831	r28,925	r27,892	r26,665	r26,375	26,047	.....	.....
Furniture, home furn., and equip ..... do....	r9,870	r10,028	r9,700	r9,624	r9,543	r9,603	r9,642	r9,736	r9,836	r9,962	r9,920	r9,956	r10,028	10,214	.....	.....
Nondurable goods stores # ..... do....	r67,738	r68,653	r67,403	r67,544	r67,589	r67,592	r68,075	r67,774	r68,054	r68,120	r68,268	r68,202	r68,653	68,610	.....	.....
General merch. group stores ..... do....	r24,020	r24,484	r23,978	r23,977	r23,983	r23,900	r24,118	r24,247	r24,333	r24,206	r24,357	r24,386	r24,484	24,408	.....	.....
Department stores ..... do....	r17,889	r18,090	r17,931	r17,921	r17,919	r17,780	r17,858	r17,872	r17,998	r17,924	r18,068	r18,075	r18,090	17,917	.....	.....
Food stores ..... do....	r14,158	r15,174	r14,402	r14,320	r14,394	r14,470	r14,606	r14,420	r14,373	r14,442	r14,546	r14,767	r15,174	15,211	.....	.....
Apparel and accessory stores ..... do....	r10,967	r10,891	r11,183	r11,273	r11,194	r11,188	r11,216	r11,079	r11,242	r11,218	r11,047	r10,912	r10,891	10,930	.....	.....
Firms with 11 or more stores:																
Estimated sales (unadjusted), total ..... mil. $..	372,443	r388,984	r25,997	r30,101	r31,179	r31,992	r31,076	r32,291	r31,725	r31,312	r33,067	r35,274	r47,915	28,286	.....	.....
Durable goods stores ..... do....	27,216	r28,212	1,718	2,115	2,205	2,370	2,368	2,387	2,305	2,320	2,347	2,575	r3,792	1,994	.....	.....
Auto and home supply stores ..... do....	3,846	r4,059	259	323	352	346	359	370	348	345	359	362	r361	289	.....	.....
Nondurable goods stores # ..... do....	345,227	r360,772	r24,279	r27,986	r28,974	r29,622	r28,708	r29,904	r29,420	r28,992	r30,720	r32,699	r44,123	26,292	.....	.....
General merchandise group stores ..... do....	116,115	r119,163	r6,688	r8,557	r9,237	r9,737	r9,160	r9,096	r9,497	r9,115	r9,991	r12,020	r19,437	7,168	.....	.....
Food stores ..... do....	127,517	r135,387	10,086	10,923	11,204	11,321	11,038	12,046	10,928	11,201	11,521	11,135	r13,050	11,042	.....	.....
Grocery stores ..... do....	125,629	r133,475	9,929	10,779	11,031	11,175	10,889	11,886	10,778	11,057	11,381	10,987	r12,786	10,909	.....	.....
Apparel and accessory stores ..... do....	18,798	r20,143	1,137	1,477	1,666	1,606	1,458	1,534	1,776	1,611	1,729	1,934	r3,055	1,244	.....	.....
Eating places ..... do....	20,125	r22,138	1,512	1,750	1,804	1,925	1,926	2,014	2,011	1,856	1,977	1,860	r1,924	1,807	.....	.....
Drug stores and proprietary stores ..... do....	17,769	19,095	1,374	1,524	1,535	1,550	1,518	1,554	1,521	1,507	1,551	1,625	2,442	1,581	.....	.....
Estimated sales (sea. adj.), total # ..... do....	.....	.....	r31,752	r31,746	r31,683	r32,390	r32,122	r32,537	r32,425	r32,606	r32,560	r32,817	r33,540	33,519	.....	.....
Auto and home supply stores ..... do....	.....	.....	r334	r335	r333	r338	332	r342	r337	r343	r344	r346	r339	348	.....	.....
Department stores ..... do....	.....	.....	r8,364	r8,428	r8,406	r8,667	r8,466	r8,572	r8,494	r8,498	r8,522	r8,547	r8,937	8,970	.....	.....
Variety stores ..... do....	.....	.....	r566	r593	r587	r609	r577	r600	r600	r590	r588	r588	r600	600	.....	.....
Grocery stores ..... do....	.....	.....	r10,923	10,910	r11,009	r11,108	r11,077	r11,129	r11,215	r11,237	r11,224	11,257	r11,416	11,189	.....	.....
Apparel and accessory stores ..... do....	.....	.....	r1,680	r1,635	r1,631	r1,697	r1,608	r1,722	r1,686	r1,656	r1,678	r1,725	r1,728	1,750	.....	.....
Women's clothing, spec. stores, furriers .. do....	.....	.....	r709	r689	r682	r705	r677	r708	r696	r683	r706	r723	r736	773	.....	.....
Shoe stores ..... do....	.....	.....	r357	r355	r347	r376	r354	r372	r361	r354	r356	r368	r371	369	.....	.....
Drug stores and proprietary stores ..... do....	.....	.....	r1,554	r1,609	r1,552	r1,572	r1,576	r1,594	r1,579	r1,627	r1,638	1,651	r1,616	1,700	.....	.....
LABOR FORCE, EMPLOYMENT, AND EARNINGS																
POPULATION OF THE UNITED STATES																
Total, incl. armed forces overseas ‡ ..... mil..	r3229.85	r3232.06	r231.23	r231.38	r231.54	r231.70	r231.88	r232.06	r232.28	r232.50	r232.70	r232.90	r233.08	233.27	233.43	p233.57
LABOR FORCE																
Not Seasonally Adjusted																
Labor force, total, persons 16 years of age and over ..... thous..	110,812	112,383	110,492	110,936	110,990	112,089	113,742	114,706	114,083	112,744	112,955	113,035	112,659	111,968	111,835	112,067
Armed forces ..... do....	2,142	2,179	2,168	2,175	2,176	2,175	2,173	2,180	2,196	2,198	2,188	2,180	2,182	2,189	2,188	2,194
Civilian labor force, total ..... do....	108,670	110,204	108,324	108,761	108,814	109,914	111,569	112,526	111,887	110,546	110,767	110,855	110,477	109,779	109,647	109,873
Employed ..... do....	100,397	99,526	97,946	98,471	98,858	99,957	100,683	101,490	101,177	99,851	99,825	99,379	98,849	97,262	97,265	97,994
Unemployed ..... do....	8,273	10,678	10,378	10,290	9,957	9,957	10,886	11,036	10,710	10,695	10,942	11,476	11,628	12,517	12,382	11,879
Seasonally Adjusted ¶																
Civilian labor force, total ..... do....	.....	.....	109,364	109,478	109,740	110,378	110,147	110,416	110,614	110,858	110,752	111,042	111,129	110,548	110,553	110,484
Participation rate * ..... percent..	63.9	64.0	63.8	63.8	63.9	64.2	64.0	64.1	64.1	64.2	64.1	64.2	64.2	63.8	63.7	63.6
Employed, total ..... thous..	.....	.....	99,695	99,597	99,484	99,994	99,681	99,588	99,683	99,543	99,176	99,136	99,093	99,103	99,063	99,103
Employment-population ratio * ..... percent..	58.3	57.1	57.4	r58.0	57.2	57.4	57.2	57.1	57.1	56.9	56.6	r57.3	r57.2	57.2	57.1	57.1
Agriculture ..... thous..	3,368	3,401	3,367	3,367	3,356	3,446	3,371	3,445	3,429	3,363	3,413	3,466	3,411	3,412	3,393	3,375
Nonagriculture ..... do....	97,030	96,125	96,328	96,230	96,128	96,548	96,310	96,143	96,254	96,180	95,763	95,670	95,682	95,691	95,670	95,729
Unemployed, total ..... do....	.....	.....	9,669	9,881	10,256	10,384	10,466	10,828	10,931	11,315	11,576	11,906	12,036	11,446	11,490	11,381
Long term, 15 weeks and over ..... do....	2,285	3,485	2,750	2,962	3,080	3,267	3,517	3,569	3,637	3,856	4,167	4,524	4,732	4,634	4,618	4,615

See footnotes at end of tables.

LABOR FORCE, EMPLOYMENT, AND EARNINGS—Continued

Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	1981	1982	1982											1983		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
LABOR FORCE—Continued																
Seasonally Adjusted ¶																
Civilian labor force—Continued																
Unemployed—Continued																
Rates (unemployed in each group as percent of civilian labor force in the group): §																
All civilian workers	7.6	9.7	8.8	9.0	9.3	9.4	9.5	9.8	9.9	10.2	10.5	10.7	10.8	10.4	10.4	10.3
Men, 20 years and over	6.3	8.8	7.7	8.0	8.3	8.3	8.7	8.9	9.0	9.6	9.8	10.0	10.1	9.6	r9.9	9.6
Women, 20 years and over	6.8	8.3	7.6	7.9	8.1	8.2	8.1	8.3	8.3	8.4	8.7	9.0	9.2	9.0	8.9	8.8
Both sexes, 16-19 years	19.6	23.2	22.3	21.9	22.8	22.9	22.5	23.9	23.8	23.8	24.1	24.2	24.5	22.7	22.2	23.5
White	6.7	8.6	7.7	7.9	8.3	8.4	8.4	8.7	8.7	9.1	9.3	9.6	9.7	9.1	9.2	9.0
Black and other	14.2	17.3	16.0	16.6	16.8	17.1	17.1	17.4	17.7	18.1	18.4	18.5	18.8	19.0	18.0	18.5
Married men, spouse present	4.3	6.5	5.4	5.6	6.0	6.1	6.4	6.6	6.8	7.2	7.5	7.6	7.8	7.1	7.2	7.1
Married women, spouse present	6.0	7.4	6.9	7.0	7.6	7.3	7.1	7.4	7.3	7.6	7.9	8.2	8.2	7.8	7.6	7.5
Women who maintain families	10.4	11.7	10.4	10.8	11.5	11.9	12.1	12.0	11.7	12.4	11.3	12.5	13.2	13.2	13.0	13.5
Occupation:																
White-collar workers	4.0	4.9	4.6	4.7	4.8	4.8	4.9	4.9	4.9	4.9	5.2	5.5	5.6	(1)	.....	.....
Blue-collar workers	10.3	14.3	12.5	13.0	13.5	13.6	14.0	14.4	14.4	15.5	15.8	16.2	16.3	(1)	.....	.....
Industry of last job (nonagricultural):																
Private wage and salary workers	7.7	10.1	9.0	9.4	9.8	9.8	10.0	10.2	10.2	10.7	11.0	11.4	11.6	r10.8	10.8	10.8
Construction	15.6	20.0	18.3	18.2	19.3	18.9	19.5	20.3	20.4	22.0	22.3	21.8	22.0	20.0	19.7	20.3
Manufacturing	8.3	12.3	10.6	10.7	11.3	11.5	12.2	12.1	12.4	13.6	14.1	14.8	14.8	13.0	13.3	12.8
Durable goods	8.2	13.3	11.2	10.8	11.9	12.2	13.1	12.8	13.3	14.9	16.0	17.0	17.1	14.7	14.7	14.1
EMPLOYMENT †																
Employees on payrolls of nonagricultural estab.:																
Total, not adjusted for seasonal variation ....thous..	91,105	89,630	89,413	89,679	89,984	90,455	90,570	89,238	89,058	89,520	89,533	89,487	89,358	r87,743	r87,718	p88,240
Private sector (excl. government) ..... do....	75,081	73,842	73,328	73,503	73,830	74,295	74,599	74,230	74,180	74,129	73,689	73,505	73,410	71,992	71,730	p72,210
Seasonally Adjusted †																
Total employees, nonagricultural payrolls..... do....	91,105	89,630	90,459	90,304	90,083	90,166	89,839	89,535	89,313	89,264	88,877	88,750	r88,565	r88,920	r88,735	p88,854
Private sector (excl. government) ..... do....	75,081	73,842	74,609	74,445	74,231	74,313	74,007	73,900	73,640	73,504	73,118	72,996	72,810	73,169	72,978	p73,137
Nonmanufacturing industries..... do....	54,908	54,994	55,155	55,126	55,062	55,198	55,077	55,087	54,968	54,932	54,793	54,815	54,679	54,972	54,757	p54,874
Goods-producing..... do....	25,481	23,882	24,631	24,450	24,289	24,255	23,994	23,840	23,657	23,530	23,239	23,081	22,986	r23,162	23,018	p23,025
Mining ..... do....	1,132	1,121	1,203	1,197	1,182	1,152	1,124	1,100	1,086	1,075	1,058	1,046	1,037	r1,027	r1,005	p994
Construction ..... do....	4,176	3,913	3,974	3,934	3,938	3,988	3,940	3,927	3,899	3,883	3,856	3,854	3,818	r3,927	r3,789	p3,768
Manufacturing ..... do....	20,173	18,848	19,454	19,319	19,169	19,115	18,930	18,813	18,672	18,572	18,325	18,181	18,131	r18,208	r18,224	p18,263
Durable goods..... do....	12,117	11,112	11,575	11,490	11,375	11,332	11,203	11,133	10,993	10,900	10,666	10,550	10,519	r10,576	r10,609	p10,632
Lumber and wood products..... do....	668	613	611	607	615	617	615	614	614	616	614	616	621	r633	r641	p646
Furniture and fixtures ..... do....	467	441	449	446	443	443	442	439	443	439	434	435	436	436	r435	p444
Stone, clay and glass products ..... do....	638	577	596	590	584	586	580	579	574	571	565	556	552	r554	r554	p555
Primary metal industries..... do....	1,121	918	1,024	1,007	976	945	926	906	889	865	831	813	803	r815	r806	p816
Fabricated metal products..... do....	1,592	1,442	1,505	1,496	1,481	1,472	1,452	1,446	1,427	1,414	1,381	1,365	1,358	1,368	r1,370	p1,373
Machinery, except electrical ..... do....	2,507	2,288	2,446	2,419	2,389	2,377	2,322	2,274	2,230	2,208	2,142	2,108	2,086	r2,067	r2,065	p2,066
Electric and electronic equipment ..... do....	2,092	2,011	2,048	2,038	2,034	2,034	2,026	2,018	2,011	1,995	1,969	1,963	1,946	r1,964	r1,971	p1,977
Transportation equipment ..... do....	1,892	1,726	1,778	1,774	1,748	1,755	1,745	1,759	1,719	1,709	1,658	1,631	1,662	r1,679	1,708	p1,694
Instruments and related products ..... do....	726	705	718	716	713	713	708	708	702	701	694	689	682	684	r682	p682
Miscellaneous manufacturing ..... do....	410	387	400	397	392	390	387	390	384	382	378	374	373	r376	377	p379
Nondurable goods ..... do....	8,056	7,736	7,879	7,829	7,794	7,783	7,727	7,680	7,679	7,672	7,659	7,631	7,612	r7,632	r7,615	p7,631
Food and kindred products ..... do....	1,674	1,644	1,663	1,658	1,643	1,652	1,637	1,643	1,628	1,629	1,644	1,644	1,636	r1,637	r1,626	p1,631
Tobacco manufactures ..... do....	69	65	68	68	67	67	67	65	65	63	63	61	66	67	r65	p65
Textile mill products ..... do....	822	748	777	760	773	759	741	741	737	735	735	726	725	r723	723	p724
Apparel and other textile products ..... do....	1,244	1,158	1,201	1,186	1,165	1,165	1,161	1,126	1,145	1,143	1,141	1,134	1,131	r1,145	r1,140	p1,131
Paper and allied products ..... do....	687	659	670	668	664	661	658	657	653	657	650	652	650	650	r649	p650
Printing and publishing ..... do....	1,265	1,270	1,276	1,278	1,274	1,274	1,269	1,267	1,269	1,269	1,268	1,266	1,265	r1,270	r1,269	p1,273
Chemicals and allied products ..... do....	1,107	1,074	1,093	1,088	1,082	1,079	1,073	1,068	1,070	1,066	1,061	1,059	1,054	r1,052	r1,052	p1,052
Petroleum and coal products..... do....	215	206	208	207	206	207	205	205	205	209	208	206	206	207	206	p207
Rubber and plastics products, nec ..... do....	736	697	708	703	706	708	704	700	699	694	684	678	678	680	r684	p695
Leather and leather products ..... do....	233	210	215	213	214	211	212	208	208	207	205	205	201	r201	201	p203
Service-producing ..... do....	65,625	65,748	65,828	65,854	65,794	65,911	65,845	65,695	65,656	65,734	65,638	65,669	r65,579	r65,758	r65,717	p65,829
Transportation and public utilities ..... do....	5,157	5,058	5,115	5,100	5,094	5,101	5,078	5,044	5,025	5,031	5,007	4,992	4,983	r4,949	r4,937	p4,933
Wholesale and retail trade ..... do....	20,551	20,551	20,670	20,655	20,584	20,652	20,595	20,615	20,550	20,492	20,441	20,425	20,316	r20,487	r20,435	p20,476
Wholesale trade ..... do....	5,359	5,294	5,343	5,336	5,323	5,331	5,307	5,299	5,278	5,272	5,254	5,228	5,205	r5,197	r5,187	p5,198
Retail trade ..... do....	15,192	15,258	15,327	15,319	15,261	15,321	15,288	15,316	15,272	15,220	15,187	15,197	15,111	r15,290	r15,248	p15,278
Finance, insurance, and real estate..... do....	5,301	5,350	5,326	5,336	5,335	5,342	5,352	5,359	5,360	5,367	5,357	5,363	5,377	r5,384	r5,403	p5,410
Services ..... do....	18,592	19,001	18,867	18,904	18,929	18,963	18,988	19,042	19,048	19,084	19,074	19,135	19,148	r19,200	r19,205	p19,293
Government ..... do....	16,024	15,788	15,850	15,859	15,852	15,853	15,832	15,635	15,673	15,760	15,759	15,754	r15,755	r15,738	15,737	p15,717
Federal ..... do....	2,772	2,739	2,737	2,736	2,730	2,728	2,739	2,737	2,740	2,731	2,740	2,745	r2,761	r2,749	2,751	p2,748
State and local ..... do....	13,253	13,050	13,113	13,123	13,122	13,125	13,093	12,898	12,933	13,029	13,019	13,009	12,994	r12,989	12,986	p12,969
Production or nonsupervisory workers on private nonagric. payrolls, **not seas. adjusted**.....thous..	60,881	59,587	59,094	59,257	59,562	60,027	60,284	59,931	59,868	59,868	59,478	59,305	59,235	r57,876	r57,647	p58,055
Manufacturing ..... do....	14,021	12,782	13,168	13,093	12,971	12,958	12,931	12,618	12,674	12,773	12,493	12,313	12,193	r12,104	r12,146	p12,227
Seasonally Adjusted †																
Production or nonsupervisory workers on private nonagricultural payrolls † .....thous..	60,881	59,587	60,282	60,132	59,923	60,025	59,759	59,670	59,388	59,303	58,929	58,788	58,635	r58,986	r58,813	p58,933
Goods-producing..... do....	18,245	16,589	17,225	17,073	16,922	16,917	16,686	16,564	16,414	16,308	16,037	15,895	15,814	r15,981	r15,840	p15,860
Mining ..... do....	832	804	876	871	863	835	805	782	770	763	746	739	727	r716	r694	p687
Construction ..... do....	3,250	3,004	3,059	3,023	3,017	3,074	3,029	3,022	2,997	2,979	2,956	2,953	2,915	r3,019	r2,878	p2,857
Manufacturing ..... do....	14,021	12,782	13,290	13,179	13,042	13,008	12,852	12,760	12,647	12,566	12,335	12,203	12,172	r12,246	r12,268	p12,316
Durable goods..... do....	8,301	7,364	7,759	7,685	7,576	7,553	7,443	7,388	7,272	7,191	6,979	6,874	6,853	r6,913	r6,943	p6,977
Lumber and wood products..... do....	556	504	502	497	507	507	506	505	506	507	505	508	512	r525	r532	p536
Furniture and fixtures ..... do....	376	349	356	353	350	350	349	346	350	346	342	342	343	r343	343	p351
Stone, clay, and glass products..... do....	491	436	452	446	441	444	438	438	435	433	427	420	416	r418	r418	p419
Primary metal industries..... do....	861	680	770	756	727	702	686	669	657	638	607	591	584	r596	r592	p603
Fabricated metal products..... do....	1,173	1,038	1,089	1,081	1,069	1,063	1,046	1,043	1,027	1,017	989	975	971	r982	986	p992
Machinery, except electrical ..... do....	1,585	1,378	1,514	1,490	1,460	1,454	1,408	1,366	1,328	1,309	1,250	1,221	1,206	r1,192	r1,189	p1,196
Electric and electronic equipment ..... do....	1,312	1,219	1,258	1,248	1,241	1,240	1,233	1,221	1,215	1,202	1,180	1,171	1,156	r1,175	r1,179	p1,182
Transportation equipment ..... do....	1,216	1,071	1,108	1,109	1,086	1,098	1,089	1,112	1,075	1,064	1,014	990	1,015	r1,030	1,055	p1,047
Instruments and related products ..... do....	428	404	418	415	411	412	407	406	402	399	392	387	383	r383	r380	p380
Miscellaneous manufacturing ..... do....	304	280	292	290	284	283	281	282	277	276	273	269	267	r269	r269	p271

See footnotes at end of tables.

LABOR FORCE, EMPLOYMENT, AND EARNINGS—Continued

Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	1981	1982	1982											1983		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
EMPLOYMENT †—Continued																
Seasonally Adjusted †																
Production or nonsupervisory workers—Continued																
Nondurable goods ....thous..	5,721	5,418	5,531	5,494	5,466	5,455	5,409	5,372	5,375	5,375	5,356	5,329	5,319	r5,333	r5,325	p5,339
Food and kindred products .... do....	1,151	1,127	1,142	1,138	1,125	1,133	1,121	1,129	1,115	1,116	1,128	1,128	1,124	r1,125	r1,119	p1,121
Tobacco manufactures .... do....	54	51	53	53	52	52	52	51	51	49	48	46	52	53	51	p50
Textile mill products .... do....	712	641	667	651	662	650	633	634	630	631	631	622	620	618	620	p620
Apparel and other textile products .... do....	1,059	979	1,018	1,006	987	985	982	949	967	966	963	956	954	r968	r963	p955
Paper and allied products .... do....	518	491	501	499	496	493	489	489	487	492	484	485	484	r484	484	p484
Printing and publishing .... do....	698	696	699	701	698	699	696	694	695	695	694	693	693	692	692	p695
Chemicals and allied products .... do....	627	597	609	609	602	600	595	591	593	592	588	588	586	r584	r582	p587
Petroleum and coal products .... do....	135	123	124	124	123	123	122	122	122	126	125	124	123	r124	r125	p125
Rubber and plastics products, nec .... do....	569	534	538	534	541	543	542	541	540	535	525	517	517	517	r522	p532
Leather and leather products .... do....	197	175	180	179	180	177	177	172	175	173	170	170	166	168	167	p170
Service-producing .... do....	42,778	42,998	43,057	43,059	43,001	43,108	43,073	43,106	42,974	42,995	42,892	42,893	42,821	r43,005	r42,973	p43,073
Transportation and public utilities .... do....	4,277	4,176	4,232	4,217	4,209	4,212	4,194	4,165	4,142	4,155	4,129	4,113	4,109	r4,080	r4,071	p4,064
Wholesale and retail trade .... do....	17,960	17,951	18,061	18,051	17,996	18,065	18,014	18,037	17,941	17,889	17,841	17,803	17,722	r17,884	r17,848	p17,873
Wholesale trade .... do....	4,360	4,276	4,327	4,317	4,301	4,309	4,287	4,282	4,260	4,253	4,237	4,209	4,192	r4,181	r4,171	p4,181
Retail trade .... do....	13,600	13,676	13,734	13,734	13,695	13,756	13,727	13,755	13,681	13,636	13,604	13,594	13,530	r13,703	r13,677	p13,692
Finance, insurance, and real estate .... do....	4,002	4,006	4,003	4,004	3,999	3,998	4,012	4,013	4,006	4,014	4,001	4,005	4,008	r4,010	r4,025	p4,026
Services .... do....	16,539	16,865	16,761	16,787	16,797	16,833	16,853	16,891	16,885	16,937	16,921	16,972	16,982	r17,031	r17,029	p17,110
AVERAGE HOURS PER WEEK †																
Seasonally Adjusted																
Avg. weekly hours per worker on private nonagric. payrolls: ¶ **Not seasonally adjusted** .... hours..	35.2	34.8	34.8	34.7	34.6	34.8	35.0	35.2	35.2	34.8	34.7	34.7	35.1	34.6	34.2	p34.8
Seasonally adjusted .... do....	....	....	35.0	34.9	34.9	35.0	34.9	34.9	34.8	34.8	34.7	34.7	34.8	35.1	34.4	p34.9
Mining ‡ .... do....	43.7	42.6	43.6	43.8	42.7	42.6	42.8	42.5	42.4	41.9	41.9	41.6	42.2	42.5	r41.3	p41.1
Construction ‡ .... do....	36.9	36.8	35.9	37.0	36.7	37.5	37.5	38.0	37.6	36.9	37.1	36.1	36.8	r36.8	35.4	p36.4
Manufacturing:																
Not seasonally adjusted .... do....	39.8	38.9	39.2	39.1	38.7	39.0	39.3	38.9	39.0	38.9	39.0	39.3	39.7	39.2	r38.8	p39.6
Seasonally adjusted .... do....	....	....	39.4	39.0	39.0	39.1	39.2	39.2	39.0	38.8	38.8	38.9	38.9	39.8	r39.1	p39.6
Overtime hours .... do....	2.8	2.3	2.4	2.3	2.4	2.3	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.3	r2.3	p2.6
Durable goods .... do....	40.2	39.3	39.8	39.5	39.5	39.6	39.7	39.7	39.4	38.9	39.0	39.2	39.2	r40.2	r39.5	p40.1
Overtime hours .... do....	2.8	2.2	2.2	2.2	2.2	2.2	2.3	2.2	2.2	2.1	2.0	2.1	2.1	2.1	r2.2	p2.5
Lumber and wood products .... do....	38.7	38.0	37.9	37.6	87.6	38.5	38.7	38.6	38.2	38.5	38.0	38.5	38.5	r40.8	r39.4	p39.8
Furniture and fixtures .... do....	38.4	37.3	37.7	37.3	37.4	37.5	37.8	37.6	37.9	37.4	37.5	37.6	37.7	r38.8	r37.7	p38.0
Stone, clay, and glass products .... do....	40.6	40.1	40.1	40.0	40.0	40.2	40.4	40.6	40.3	40.2	40.2	40.2	40.0	r41.6	r40.2	p40.6
Primary metal industries .... do....	40.5	38.6	39.4	38.8	38.5	38.5	38.9	38.9	38.8	37.8	38.0	38.2	38.9	r38.9	r38.9	p39.5
Fabricated metal products .... do....	40.3	39.2	39.7	39.5	39.4	39.5	39.4	39.5	39.2	38.8	38.9	39.0	39.1	39.8	r39.8	p40.2
Machinery, except electrical .... do....	40.9	39.6	40.7	40.2	40.1	39.8	39.6	39.8	39.5	39.0	39.2	39.2	39.3	39.7	39.3	p39.7
Electric and electronic equipment .... do....	39.9	39.3	39.8	39.4	39.3	39.4	39.5	39.8	39.3	38.8	39.0	39.2	39.3	r39.9	r39.3	p40.0
Transportation equipment .... do....	40.9	40.5	40.5	40.4	41.1	41.1	41.6	41.0	40.5	39.8	40.1	40.8	39.9	r41.7	r41.0	p41.5
Instruments and related products .... do....	40.4	39.8	39.9	39.9	39.9	40.2	40.2	40.1	40.1	39.8	39.4	39.2	39.6	40.6	39.4	p40.2
Miscellaneous manufacturing .... do....	38.8	38.5	38.6	38.6	38.5	38.7	38.6	38.7	38.6	38.3	38.6	38.6	38.4	r39.4	r37.9	p39.0
Nondurable goods .... do....	39.1	38.4	38.9	38.5	38.4	38.5	38.6	38.6	38.5	38.6	38.5	38.5	38.5	39.3	r38.5	p39.0
Overtime hours .... do....	2.8	2.5	2.6	2.5	2.6	2.5	2.5	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.5	p2.8
Food and kindred products .... do....	39.7	39.5	40.2	39.5	39.4	39.4	39.5	39.5	39.1	39.4	39.7	39.4	39.2	r39.4	r39.0	p38.9
Tobacco manufactures ‡ .... do....	38.8	37.8	38.3	37.3	36.6	37.2	38.4	36.8	38.1	39.7	39.0	38.0	37.9	r36.5	r34.2	p36.3
Textile mill products .... do....	39.6	37.5	38.3	37.6	37.7	37.9	37.8	37.7	38.2	38.1	38.2	38.6	38.4	40.3	r39.0	p39.4
Apparel and other textile products .... do....	35.7	34.7	35.5	35.0	34.7	34.8	35.1	35.2	35.0	35.2	35.0	35.1	35.0	36.9	34.9	p35.5
Paper and allied products .... do....	42.5	41.8	42.3	41.8	42.1	41.8	42.0	41.9	41.7	41.5	41.7	41.6	41.6	41.7	r41.3	p41.8
Printing and publishing .... do....	37.3	37.0	37.4	37.1	37.1	36.8	37.1	37.0	36.8	37.0	36.9	37.1	37.1	37.6	37.0	p37.6
Chemicals and allied products .... do....	41.6	40.9	41.2	40.7	40.7	41.0	41.0	40.9	40.9	41.2	40.8	40.6	40.9	r41.1	r41.0	p41.5
Petroleum and coal products .... do....	43.2	43.9	43.5	43.5	44.0	44.1	44.1	43.3	43.9	44.0	43.3	43.9	44.4	r44.6	r44.6	p44.8
Rubber and plastics products, nec .... do....	40.3	39.6	40.0	39.6	39.8	39.9	40.1	40.2	39.7	39.6	39.0	39.3	39.6	40.2	r39.7	p40.7
Leather and leather products .... do....	36.8	35.6	35.6	35.8	35.6	35.6	35.7	36.1	36.0	35.7	35.2	35.9	35.8	r36.7	r34.9	p36.4
Transportation and public utilities ‡ .... do....	39.4	39.0	39.2	39.0	38.8	38.8	39.2	39.2	39.3	38.8	38.8	39.0	39.1	r38.3	r38.3	p38.6
Wholesale and retail trade .... do....	32.2	31.9	32.0	31.9	31.8	32.0	31.9	31.9	31.9	32.1	31.9	31.8	32.1	32.0	r31.3	p32.1
Wholesale trade .... do....	38.6	38.4	38.5	38.4	38.3	38.5	38.6	38.5	38.5	38.4	38.3	38.4	38.4	r38.7	38.2	p38.4
Retail trade .... do....	30.1	29.9	29.9	29.8	29.8	30.0	29.8	29.9	29.9	30.1	29.9	29.8	30.2	30.0	r29.2	p30.2
Finance, insurance, and real estate ‡ .... do....	36.3	36.2	36.2	36.3	36.2	36.3	36.1	36.2	36.3	36.1	36.2	36.2	36.3	r36.5	r36.0	p35.9
Services .... do....	32.6	32.6	32.6	32.6	32.7	32.7	32.7	32.6	32.6	32.8	32.6	32.6	32.7	32.8	32.5	p32.7
AGGREGATE EMPLOYEE-HOURS †																
Seasonally Adjusted																
Employee-hours, wage & salary workers in nonagric. establish, for 1 week in the month, seas adj. at annual rate .... bil. hours..	r169.92	r165.95	r168.82	r167.81	r167.12	r167.88	r166.40	r166.04	r165.50	r165.48	r164.27	r163.32	r164.13	r165.80	r163.80	p164.84
Total private sector .... do....	r139.00	r135.33	r137.69	r136.49	r135.87	r136.68	r135.67	r135.64	r135.03	r134.76	r133.58	r133.19	r133.26	r134.77	r132.81	p134.04
Mining .... do....	2.58	2.49	2.73	2.73	2.65	2.58	2.51	2.45	2.38	2.34	2.29	2.26	2.26	r2.30	r2.17	p2.13
Construction .... do....	8.01	7.47	7.76	7.61	7.53	7.75	7.49	7.56	7.47	7.30	7.30	7.31	7.28	7.98	r7.30	p7.17
Manufacturing .... do....	r41.64	r38.33	r39.82	r39.20	r38.81	r38.94	r38.68	r38.47	r38.12	r37.71	r37.24	r36.95	r36.74	r37.26	r37.07	p37.39
Transportation and public utilities .... do....	10.57	r10.28	10.46	10.40	10.36	10.37	10.34	10.27	10.22	10.16	10.13	10.09	r10.08	r9.93	r9.86	p9.95
Wholesale and retail trade .... do....	34.54	34.32	34.64	34.36	34.26	34.60	34.32	34.48	34.38	34.45	34.13	33.95	34.04	r34.22	r33.56	p34.34
Finance, insurance, and real estate .... do....	10.01	10.09	10.01	10.06	10.05	10.14	10.09	10.09	10.12	10.13	10.08	10.10	10.16	r10.20	r10.12	p10.11
Services .... do....	31.65	32.35	32.27	32.14	32.21	32.29	32.24	32.33	32.33	32.66	32.41	32.53	32.69	r32.89	r32.73	p32.94
Government .... do....	30.91	r30.62	31.13	31.32	31.25	31.20	30.73	30.40	30.47	r30.72	r30.69	30.13	30.87	r31.03	30.98	p30.80
Indexes of employee-hours (aggregate weekly): ¶																
Private nonagric. payrolls, total .... 1977=100..	108.0	104.4	106.2	105.6	105.2	105.7	104.9	104.8	104.1	103.9	102.8	102.6	102.8	r104.3	r102.0	p103.4
Goods-producing .... do....	100.9	90.8	95.6	93.9	93.0	93.3	91.9	91.4	90.0	88.7	87.2	86.7	86.4	r89.8	r86.7	p87.6
Mining .... do....	134.5	127.7	143.7	142.6	138.4	133.6	128.2	125.1	121.4	118.6	115.2	113.8	112.8	r114.5	r107.9	p105.5
Construction .... do....	108.9	100.1	102.9	101.1	100.9	104.5	101.0	101.9	100.5	98.3	97.2	97.4	97.0	r106.4	r95.2	p94.0
Manufacturing .... do....	97.8	87.3	91.9	90.3	89.3	89.2	88.4	87.8	86.5	85.5	83.9	83.3	83.1	r85.5	r84.0	p85.5
Durable goods .... do....	98.0	85.0	90.6	89.1	87.8	87.8	86.7	86.1	84.1	82.2	80.0	79.2	78.9	r81.5	r80.6	p82.0
Nondurable goods .... do....	97.6	90.6	93.8	92.0	91.5	91.4	91.0	90.3	90.0	90.3	89.7	89.4	89.2	r91.3	89.2	p90.6
Service-producing .... do....	111.9	111.9	112.1	112.0	111.9	112.5	112.1	112.2	111.8	112.3	111.5	111.4	111.8	112.2	r110.4	p112.2
Transportation and public utilities .... do....	105.1	101.7	103.7	103.3	102.8	102.6	102.2	101.5	101.2	100.7	100.1	100.2	99.9	r98.4	r97.4	p98.5
Wholesale and retail trade .... do....	106.5	105.6	106.3	105.9	105.5	106.5	105.8	106.1	105.5	105.6	104.8	104.3	104.9	r105.5	r102.9	p105.7
Wholesale trade .... do....	111.7	109.1	110.7	110.2	109.5	110.3	110.0	109.6	109.0	108.6	107.9	107.4	107.0	r107.6	r105.9	p106.7
Retail trade .... do....	104.5	104.2	104.6	104.2	103.9	105.1	104.2	104.7	104.2	104.5	103.6	103.1	104.0	104.7	r101.7	p105.3
Finance, insurance, and real estate .... do....	117.4	117.2	116.8	117.1	117.0	117.9	117.4	117.4	117.2	117.4	117.0	117.2	117.6	r118.3	r116.8	p116.5
Services .... do....	119.3	121.7	120.9	121.1	121.5	121.8	121.9	121.8	121.8	122.9	122.0	122.4	122.8	r123.6	r122.4	p123.8

See footnotes at end of tables.

LABOR FORCE, EMPLOYMENT, AND EARNINGS—Continued

Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	1981	1982	1982											1983		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
HOURLY AND WEEKLY EARNINGS †																
Average hourly earnings per worker: ¶																
Not seasonally adjusted:																
Private nonagric. payrolls ... dollars..	7.25	7.67	7.54	7.55	7.58	7.63	7.64	7.67	7.70	7.76	7.79	7.81	7.82	r7.90	r7.91	p7.89
Mining ... do....	10.05	10.82	10.62	10.62	10.65	10.66	10.82	10.91	10.93	11.04	11.02	11.06	11.08	r11.27	r11.31	p11.18
Construction ... do....	10.80	11.56	11.32	11.33	11.32	11.46	11.41	11.53	11.60	11.68	11.82	11.66	11.90	r11.89	r11.94	p11.86
Manufacturing ... do....	7.99	8.50	8.34	8.37	8.42	8.45	8.50	8.55	8.51	8.59	8.56	8.61	8.69	r8.71	r8.74	p8.75
Excluding overtime ... do....	7.72	8.25	8.10	8.13	8.19	8.22	8.25	8.31	8.26	8.33	8.31	8.36	8.42	8.47	8.49	p8.48
Durable goods ... do....	8.53	9.05	8.89	8.91	8.94	9.01	9.06	9.11	9.09	9.16	9.13	9.17	9.23	9.26	9.30	p9.30
Excluding overtime ... do....	8.25	8.81	8.65	8.68	8.72	8.77	8.81	8.87	8.84	8.91	8.89	8.92	8.97	9.02	r9.05	p9.02
Lumber and wood products ... do....	7.00	7.50	7.27	7.28	7.24	7.41	7.59	7.64	7.61	7.70	7.61	7.63	7.59	r7.72	r7.76	p7.69
Furniture and fixtures ... do....	5.91	6.32	6.19	6.21	6.21	6.23	6.30	6.34	6.39	6.41	6.41	6.44	6.47	r6.50	r6.51	p6.52
Stone, clay, and glass products ... do....	8.27	8.87	8.62	8.65	8.72	8.80	8.86	8.93	8.93	9.03	9.04	9.04	9.08	r9.12	9.11	p9.13
Primary metal industries ... do....	10.81	11.33	11.20	11.15	11.24	11.23	11.31	11.37	11.49	11.54	11.42	11.49	11.49	11.57	r11.51	p11.51
Fabricated metal products ... do....	8.20	8.78	8.57	8.64	8.69	8.79	8.83	8.85	8.85	8.90	8.85	8.90	8.97	r8.98	r9.03	p9.02
Machinery, except electrical ... do....	8.81	9.28	9.20	9.18	9.24	9.26	9.27	9.30	9.33	9.40	9.34	9.36	9.41	r9.38	r9.41	p9.44
Electric and electronic equipment ... do....	7.62	8.17	7.96	8.01	8.03	8.05	8.09	8.18	8.24	8.31	8.34	8.38	8.45	r8.48	r8.52	p8.51
Transportation equipment ... do....	10.39	11.12	10.82	10.89	10.89	11.08	11.21	11.25	11.18	11.24	11.30	11.35	11.44	11.41	r11.48	p11.52
Instruments and related products ... do....	7.43	8.26	7.94	8.00	8.07	8.16	8.23	8.31	8.40	8.44	8.48	8.57	8.66	8.75	r8.77	p8.77
Miscellaneous manufacturing ... do....	5.96	6.42	6.29	6.32	6.35	6.38	6.41	6.40	6.39	6.49	6.50	6.56	6.66	r6.71	6.72	p6.73
Nondurable goods ... do....	7.18	7.73	7.54	7.57	7.65	7.66	7.70	7.77	7.74	7.84	7.81	7.88	7.96	r7.98	r7.99	p8.01
Excluding overtime ... do....	6.93	7.49	7.31	7.34	7.43	7.43	7.46	7.53	7.48	7.56	7.55	7.62	7.70	7.73	r7.75	p7.74
Food and kindred products ... do....	7.43	7.89	7.74	7.79	7.90	7.92	7.90	7.88	7.85	7.91	7.88	8.00	8.06	r8.08	r8.09	p8.12
Tobacco manufactures ... do....	8.88	9.78	9.56	9.72	10.05	9.93	10.35	10.42	9.53	9.57	9.50	10.16	9.63	9.87	r9.95	p10.27
Textile mill products ... do....	5.52	5.83	5.76	5.76	5.79	5.79	5.79	5.81	5.82	5.86	5.87	5.92	6.03	6.08	r6.10	p6.10
Apparel and other textile products .. do....	4.96	5.18	5.13	5.15	5.18	5.16	5.18	5.17	5.18	5.20	5.19	5.22	5.26	5.31	r5.32	p5.31
Paper and allied products ... do....	8.60	9.32	8.99	9.03	9.11	9.14	9.28	9.41	9.45	9.63	9.54	9.60	9.66	9.66	r9.65	p9.66
Printing and publishing ... do....	8.18	8.73	8.56	8.59	8.59	8.61	8.66	8.74	8.79	8.90	8.87	8.91	8.99	r8.96	r8.98	p9.04
Chemicals and allied products ... do....	9.12	9.98	9.68	9.71	9.81	9.83	9.95	10.02	10.03	10.20	10.24	10.28	10.34	10.35	r10.44	p10.44
Petroleum and coal products ... do....	11.38	12.46	12.29	12.32	12.50	12.52	12.53	12.42	12.42	12.62	12.57	12.69	12.72	r13.17	r13.24	p13.22
Rubber and plastics products, nec ... do....	7.16	7.63	7.49	7.45	7.52	7.56	7.64	7.65	7.64	7.76	7.72	7.79	7.89	r7.89	r7.89	p7.89
Leather and leather products ... do....	4.99	5.33	5.22	5.24	5.32	5.32	5.36	5.30	5.33	5.41	5.39	5.41	5.44	r5.51	r5.51	p5.54
Transportation and public utilities ... do....	9.70	10.31	10.13	10.07	10.14	10.17	10.20	10.29	10.43	10.46	10.48	10.59	10.62	r10.69	r10.67	p10.65
Wholesale and retail trade ... do....	5.93	6.22	6.16	6.16	6.18	6.20	6.20	6.21	6.22	6.26	6.30	6.32	6.29	r6.44	r6.47	p6.42
Wholesale trade ... do....	7.57	8.06	7.94	7.93	7.97	8.03	8.01	8.07	8.11	8.14	8.17	8.18	8.24	r8.34	r8.32	p8.29
Retail trade ... do....	5.25	5.49	5.42	5.43	5.44	5.47	5.47	5.48	5.48	5.52	5.54	5.58	5.56	r5.67	r5.71	p5.68
Finance, insurance, and real estate ... do....	6.31	6.78	6.62	6.59	6.64	6.77	6.71	6.78	6.87	6.90	6.97	7.01	7.01	r7.23	r7.24	p7.23
Services ... do....	6.41	6.91	6.79	6.77	6.81	•6.85	6.84	6.87	6.90	6.99	7.05	7.08	7.12	r7.19	r7.18	p7.17
Seasonally adjusted:																
Private nonagricultural payrolls ... dollars..	7.25	7.67	7.53	7.54	7.59	7.65	7.67	7.71	7.74	7.72	7.77	7.79	7.82	r7.87	r7.89	p7.88
Mining ... do....	10.05	10.82	10.62	10.62	10.65	10.66	10.82	10.91	10.93	11.04	11.02	11.07	11.09	r11.27	r11.31	p11.18
Construction ... do....	10.80	11.56	11.34	11.39	11.43	11.54	11.51	11.56	11.58	11.56	11.71	11.61	11.85	r11.81	r11.96	p11.92
Manufacturing ... do....	7.99	8.50	8.34	8.37	8.44	8.48	8.52	8.56	8.57	8.56	8.56	8.61	8.62	8.67	r8.75	p8.75
Transportation and public utilities ... do....	9.70	10.31	10.13	10.15	10.18	10.24	10.30	10.30	10.40	10.37	10.43	10.51	10.58	r10.68	r10.67	p10.75
Wholesale and retail trade ... do....	5.93	6.22	6.10	6.12	6.16	6.20	6.22	6.23	6.26	6.25	6.32	6.34	6.36	6.36	6.41	p6.38
Finance, insurance, and real estate ... do....	6.31	6.78	6.62	6.59	6.64	6.77	6.71	6.78	6.87	6.90	6.97	7.01	7.08	r7.23	r7.24	p7.23
Services ... do....	6.41	6.91	6.72	6.72	6.80	6.85	6.90	6.96	7.00	7.01	7.04	7.04	7.11	7.10	r7.11	p7.12
Indexes of avg. hourly earnings, **seas. adj.:** ¶																
Private nonfarm economy:																
Current dollars ... 1977=100..	138.9	148.4	145.0	145.4	146.3	147.7	148.1	148.9	149.9	150.1	150.8	151.2	152.1	r152.8	r153.2	p153.4
1977 dollars ‡ ... do....	92.6	.....	93.1	93.5	93.7	93.5	92.9	92.8	93.1	93.2	93.2	r93.5	r94.3	r94.8	r95.2	p95.0
Mining ... do....	148.3	159.4	156.0	156.0	156.5	156.8	159.6	161.3	161.5	163.2	162.5	163.3	r163.4	r165.2	r165.5	p164.2
Construction ... do....	131.9	140.4	137.9	138.1	138.7	139.9	139.7	140.6	140.7	140.4	142.3	141.0	143.8	r143.8	r145.4	p144.5
Manufacturing ... do....	141.9	152.5	149.1	149.9	150.8	151.8	152.5	153.3	154.2	154.7	154.6	155.3	155.6	r156.6	r157.3	p157.3
Transportation and public utilities ... do....	139.4	149.0	146.0	146.3	146.9	148.2	149.1	148.9	150.3	149.9	151.1	152.3	153.4	r155.1	155.0	p155.9
Wholesale and retail trade ... do....	138.2	145.4	142.5	142.8	143.7	145.1	145.2	145.7	146.5	146.8	147.6	148.1	148.6	148.9	r149.4	p149.7
Finance, insurance, and real estate ... do....	138.1	148.4	143.3	143.8	144.9	148.0	147.2	148.6	150.6	151.3	152.9	152.7	r153.6	r156.9	r156.2	p157.3
Services ... do....	137.3	147.6	143.7	143.9	145.1	146.5	147.3	148.7	149.7	149.7	150.8	150.9	152.4	152.2	r152.0	p152.4
Hourly wages, **not seasonally adjusted:**																
Construction wages, 20 cities (ENR): §																
Common labor ... $ per hr..	12.92	14.28	13.83	13.83	13.85	14.15	14.15	14.45	14.56	14.64	14.64	14.69	14.77	14.86	14.92	14.92
Skilled labor ... do....	16.78	18.56	17.99	18.00	18.07	18.39	18.40	18.70	18.98	18.99	19.01	19.10	19.26	19.34	19.46	19.46
Farm (U.S.) wage rates, hired workers, by method of pay:																
All workers, including piece-rate ... $ per hr..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
All workers, other than piece-rate ... do....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Workers receiving cash wages only ... do....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Workers paid per hour, cash wages only ... do....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Railroad wages (average, class I) ... do....	10.64	11.51	11.39	11.09	11.22	11.29	11.29	11.54	11.55	11.59	11.64	12.07	12.17	12.53	.....	.....
Avg. weekly earnings per worker, private nonfarm: ¶																
Current dollars, **seasonally adjusted** ...	254.74	266.92	263.55	263.15	264.89	267.75	267.68	269.08	269.35	268.66	269.62	270.31	r272.14	r276.24	271.42	p275.01
1977 dollars, **seasonally adjusted** ‡ ...	170.13	167.87	169.16	169.12	169.69	169.78	167.93	167.76	167.40	166.77	166.53	r167.17	r168.61	r171.26	r168.69	p170.28
Spendable earnings (worker with 3 dependents):																
Current dollars, **seasonally adjusted** ...	220.57	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1977 dollars, **seasonally adjusted** ‡ ...	147.05	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Current dollars, **not seasonally adjusted:**																
Private nonfarm, total ... dollars..	255.20	266.92	262.39	261.99	262.27	265.52	267.40	269.98	271.04	270.05	270.31	271.01	274.48	r273.34	r270.52	p274.57
Mining ... do....	439.19	460.93	463.03	465.16	454.76	454.12	463.10	463.68	463.43	462.58	461.74	460.10	467.58	r478.98	r467.10	p459.50
Construction ... do....	398.52	425.41	406.39	419.21	415.44	429.75	427.88	438.14	436.16	430.99	438.52	420.93	437.92	r437.55	r422.68	p431.70
Manufacturing ... do....	318.00	330.65	326.93	327.27	325.85	329.55	334.05	332.60	331.89	334.15	333.84	338.37	344.99	341.43	r339.11	p346.50
Durable goods ... do....	342.91	355.67	352.93	352.84	350.45	355.90	360.59	357.11	356.33	357.24	357.90	363.13	370.12	367.62	r366.42	p372.93
Nondurable goods ... do....	280.74	296.83	291.04	289.93	291.47	294.14	297.99	299.15	299.54	304.19	302.25	306.53	311.24	r308.03	r304.42	p311.59
Transportation and public utilities ... do....	382.18	402.09	397.10	392.73	393.43	394.60	399.84	403.37	409.90	405.85	406.62	413.01	415.24	r409.43	r408.66	p411.09
Wholesale and retail trade ... do....	190.95	198.42	194.66	194.66	195.91	197.78	199.02	202.45	202.77	200.95	200.97	200.34	203.80	r202.22	199.92	p204.16
Wholesale trade ... do....	294.08	309.50	303.31	303.72	304.45	308.35	309.19	312.31	313.05	312.58	314.55	314.93	318.89	r320.26	r315.33	p317.51
Retail trade ... do....	158.03	164.15	159.35	159.64	161.02	163.01	164.65	168.24	168.24	166.70	165.09	165.73	170.14	r166.13	r163.88	p169.26
Finance, insurance, and real estate ... do....	229.05	245.44	239.64	239.22	240.37	245.75	242.23	245.44	249.38	249.09	252.31	253.76	254.46	r263.90	r260.64	p259.56
Services ... do....	208.97	225.27	220.68	220.03	221.33	222.63	224.35	227.40	227.70	228.57	229.13	230.10	232.82	234.39	r232.63	p233.74
HELP-WANTED ADVERTISING																
Seasonally adjusted index ... 1967=100..	119	86	103	96	88	87	85	83	78	73	76	78	83	83	83	.....

See footnotes at end of tables.

LABOR FORCE, EMPLOYMENT, AND EARNINGS—Continued

Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	1981	1982	1982											1983		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
WORK STOPPAGES ¶																
Work stoppages involving 1,000 or more workers:																
Number of stoppages:																
Beginning in month or year ..... number..	145	90	2	3	9	14	17	11	14	14	3	1	0	1	4	.....
Workers involved in stoppages:																
Beginning in month or year .....thous..	729	646	3	8	36	44	41	36	40	390	40	2	0	1	13	.....
Days idle during month or year ..... do....	16,908	8,962	237	352	480	636	894	831	757	2,091	912	806	764	795	838	.....
UNEMPLOYMENT INSURANCE																
Unemployment insurance programs:																
Insured unemployment, all programs, average weekly # @ .....thous..	3,410	4,590	4,723	4,892	4,760	4,387	4,328	4,495	4,398	4,282	4,391	4,635	5,078	5,459	5,436	.....
State programs (excl. extended duration prov.):																
Initial claims .....thous..	[2]23,939	30,298	2,272	2,418	2,347	1,989	2,399	2,658	2,358	2,342	2,443	2,661	3,080	3,143	[p]2,142	.....
Insured unemployment, avg. weekly..... do....	3,048	4,057	4,376	4,282	4,067	3,729	3,707	3,912	3,831	3,712	3,828	4,156	4,581	4,923	4,759	.....
Percent of covered employment: @@																
Unadjusted.....	3.5	4.6	5.0	4.9	4.6	4.3	4.3	4.5	4.4	4.2	4.4	4.7	5.2	5.6	5.6	.....
Seasonally adjusted	.....	.....	4.0	4.3	4.6	4.6	4.7	4.5	4.7	5.0	5.3	5.3	5.0	4.5	4.5	.....
Beneficiaries, average weekly..... thous...	[2]2,614	3,558	3,908	[r]3,946	3,672	3,257	[r]3,329	[r]3,332	[r]3,414	3,306	3,282	[r]3,448	3,886	[r]4,071	4,004	.....
Benefits paid @ ..... mil. $..	[2]13,257.8	[r]21,482.8	[r]1,783.4	[r]2,075.5	1,849.9	1,573.4	1,692.2	1,682.1	[r]1,747.3	[r]1,711.3	[r]1,647.3	[r]1,820.0	2,135.3	[r]2,087.8	1,970.5	.....
Federal employees, insured unemployment, average weekly .....thous..	32	32	40	38	33	29	28	29	27	26	28	31	33	35	33	.....
Veterans' program (UCX):																
Initial claims ..... do....	193	136	8	10	9	8	10	10	11	11	10	17	24	21	16	.....
Insured unemployment, avg. weekly..... do....	41	11	13	11	10	9	8	7	7	8	9	14	26	37	37	.....
Beneficiaries, average weekly..... do....	41	9	12	10	8	7	7	6	5	6	7	8	20	[r]30	34	.....
Benefits paid ..... mil. $..	[2]280.7	55.3	5.3	5.1	4.0	3.4	3.3	2.8	2.8	2.9	3.4	4.0	11.2	[r]15.9	17.2	.....
Railroad program:																
Applications.....thous..	184	244	11	9	5	5	36	70	20	14	20	17	17	20	7	.....
Insured unemployment, avg. weekly..... do....	40	62	67	65	52	43	41	54	59	65	73	78	81	95	76	.....
Benefits paid ..... mil. $..	210.8	338.7	28.0	33.9	26.3	19.1	18.6	18.0	27.0	31.1	31.6	35.1	39.5	44.5	33.1	.....

FINANCE

BANKING																
Open market paper outstanding, end of period:																
Bankers' acceptances ..... mil. $..	69,226	79,543	70,468	71,619	71,128	71,601	71,765	72,559	72,709	73,818	75,811	77,125	79,543	.....	.....	.....
Commercial and financial co. paper, total ..... do....	161,114	[r]162,994	[r]167,616	[r]166,527	[r]172,697	176,937	180,015	180,878	174,094	171,627	170,365	166,941	[r]162,994	[r]167,745	169,252	.....
Financial companies ..... do....	111,908	[r]118,813	[r]110,812	[r]109,811	[r]113,943	117,918	121,083	122,885	117,202	115,216	115,530	115,650	[r]118,813	[r]120,532	122,257	.....
Dealer placed ..... do....	30,357	34,818	30,974	31,844	32,723	34,336	35,446	36,983	36,657	35,584	35,893	36,147	34,818	36,631	38,304	.....
Directly placed ..... do....	81,551	[r]83,995	[r]79,838	[r]77,967	[r]81,220	83,582	85,637	85,902	80,545	79,632	79,637	79,503	[r]83,995	[r]83,901	83,953	.....
Nonfinancial companies ..... do....	49,206	44,181	56,804	56,716	58,754	59,019	58,932	57,993	56,892	56,411	54,835	51,291	44,181	47,213	46,995	.....
Agricultural loans and discounts outstanding of agencies supervised by the Farm Credit Adm.:																
Total, end of period..... mil. $..	78,206	80,408	79,035	79,758	80,695	80,972	81,415	81,659	81,564	81,566	81,352	80,766	80,408	80,202	80,356	.....
Farm mortgage loans:																
Federal land banks ..... do....	46,463	50,375	47,324	47,966	48,425	48,838	49,289	49,582	49,845	50,006	50,160	50,292	50,375	50,364	50,429	.....
Loans to cooperatives ..... do....	9,124	8,423	9,760	9,581	9,758	9,260	8,670	8,355	8,034	8,078	8,288	8,477	8,423	8,882	9,102	.....
Other loans and discounts ..... do....	22,619	21,609	21,951	22,211	22,512	22,874	23,456	23,722	23,685	23,464	22,904	21,998	21,609	20,955	20,825	.....
Federal Reserve banks, condition, end of period:																
Assets, total # ..... mil. $..	176,778	190,128	170,321	172,249	182,959	173,574	173,810	177,673	180,258	180,647	186,454	187,494	190,128	176,424	183,117	182,445
Reserve bank credit outstanding, total # .. do....	143,906	153,769	138,575	139,700	148,335	141,249	140,244	143,812	144,502	146,838	142,629	149,394	153,769	142,656	142,975	148,860
Time loans ..... do....	1,601	717	1,180	2,646	1,799	1,058	1,638	458	449	1,123	438	374	717	354	1,155	2,808
U.S. Government securities ..... do....	130,954	139,312	125,410	125,589	134,257	129,407	127,005	132,640	132,858	134,393	132,080	137,676	139,312	132,368	135,561	136,651
Gold certificate account ..... do....	11,151	11,148	11,150	11,150	11,149	11,149	11,149	11,149	11,148	11,148	11,148	11,148	11,148	11,144	11,139	11,138
Liabilities, total # ..... do....	176,778	190,128	170,321	172,249	182,959	173,574	173,810	177,673	180,258	180,647	186,454	187,494	190,128	176,424	183,117	182,445
Deposits, total..... do....	30,816	34,334	29,630	30,073	38,357	26,834	25,325	29,893	29,076	32,095	36,638	29,884	34,334	26,275	29,160	28,100
Member-bank reserve balances ..... do....	25,228	26,489	24,964	26,357	24,702	23,463	20,198	24,974	24,993	20,318	24,678	26,533	26,489	22,683	22,468	23,419
Federal Reserve notes in circulation..... do....	131,906	141,990	126,869	128,855	130,189	132,619	134,228	134,115	135,374	135,197	136,048	139,989	141,990	137,667	139,060	141,497
All member banks of Federal Reserve System, averages of daily figures:																
Reserves held, total..... mil. $..	[1]41,918	[1]41,853	41,280	39,230	39,558	39,552	39,567	39,864	40,177	39,963	40,587	41,199	41,853	41,862	[r]39,787	37,870
Required ..... do....	[1]41,606	[1]41,353	40,981	38,873	39,284	39,192	39,257	39,573	39,866	39,579	40,183	40,797	41,353	41,316	[r]39,362	37,601
Excess..... do....	[1]312	[1]500	299	357	274	360	310	291	311	384	404	402	500	546	[r]425	269
Borrowings from Federal Reserve banks ..... do....	[1]642	[1]697	1,713	1,611	1,581	1,105	1,205	669	510	976	455	579	697	500	[r]557	854
Free reserves ..... do....	[1]-277	[1]-164	-1,282	-1,080	-1,140	-508	-656	-153	-80	-490	35	-130	-164	79	[r]-93	-532
Large commercial banks reporting to Federal Reserve System, Wed. nearest end of yr. or mo.:																
Deposits:																
Demand, adjusted §..... mil. $..	108,595	109,585	95,763	101,111	93,899	95,162	102,251	97,253	102,733	96,774	104,673	107,467	109,585	103,892	105,018	103,300
Demand, total # ..... do....	187,518	189,652	169,273	172,922	157,817	179,348	178,400	158,754	182,441	164,559	187,996	190,848	189,652	173,523	182,699	173,389
Individuals, partnerships, and corp..... do....	140,376	139,364	125,658	131,914	120,374	133,664	133,059	120,177	136,241	124,088	139,931	143,159	139,364	131,271	136,570	130,202
State and local governments ..... do....	5,235	5,487	4,492	5,135	4,633	4,514	5,706	4,586	4,843	4,488	5,391	5,238	5,487	5,722	5,533	4,439
U.S. Government ..... do....	2,148	1,767	3,331	1,113	2,958	1,148	2,327	1,575	899	1,874	3,014	1,064	1,767	1,213	2,580	2,095
Domestic commercial banks ..... do....	21,896	23,613	19,762	19,693	16,142	23,720	20,459	17,299	20,735	17,939	22,492	23,374	23,613	19,964	20,790	18,668
Time, total # ..... do....	362,502	406,773	370,510	372,466	373,295	380,789	384,708	392,964	401,138	401,322	403,346	400,640	406,773	416,773	415,929	415,145
Individuals, partnerships, and corp.:																
Savings ..... do....	76,971	110,640	79,314	80,452	78,782	80,675	79,522	78,780	80,857	79,876	85,214	85,764	110,640	147,742	159,156	164,469
Other time ..... do....	250,511	258,127	253,938	255,796	257,446	262,910	269,310	276,169	280,507	281,554	278,990	276,282	258,127	233,046	221,957	216,971
Loans (adjusted), total § ..... do....	470,988	505,603	472,077	476,386	479,074	485,664	490,410	487,857	495,076	499,214	503,444	503,395	505,603	507,196	507,802	503,066
Commercial and industrial ..... do....	195,499	216,860	198,918	202,806	204,727	209,013	212,198	210,394	212,637	217,148	216,754	216,892	216,860	218,565	218,288	216,608
For purchasing or carrying securities ..... do....	10,756	11,223	9,162	7,781	7,483	9,056	8,685	9,421	10,257	10,495	12,207	11,627	11,223	9,758	11,151	10,811
To nonbank financial institutions ..... do....	26,729	26,926	26,786	27,992	28,114	27,725	27,655	27,389	28,134	27,036	27,312	27,017	26,926	26,361	26,561	26,581
Real estate loans ..... do....	124,444	132,336	126,810	127,272	128,364	128,931	129,614	129,964	130,883	131,702	131,706	131,954	132,336	133,935	134,163	134,568
Other loans ..... do....	146,367	155,314	144,280	140,326	138,466	143,459	144,084	143,136	151,432	148,459	154,587	152,179	155,314	155,643	157,475	147,288
Investments, total ..... do....	116,905	125,863	117,601	117,995	115,561	117,335	115,205	115,192	115,619	116,464	122,277	122,219	125,863	131,837	131,316	129,975
U.S. Government securities, total ..... do....	36,819	44,586	38,374	38,568	36,882	36,821	36,941	37,542	36,996	37,798	42,270	44,152	44,586	48,816	49,391	49,098
Investment account * ..... do....	30,872	36,730	30,747	30,347	29,431	29,054	29,088	28,841	30,044	30,695	33,043	34,740	36,730	38,677	40,047	40,587
Other securities ..... do....	80,086	81,277	79,227	79,427	78,679	80,514	78,264	77,650	78,623	78,666	80,007	78,067	81,277	83,021	81,925	80,877

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	1981	1982	1982											1983		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
FINANCE—Continued																
BANKING—Continued																
Commercial bank credit, seas. adj.:																
Total loans and securities ¶ ... bil. $..	1,316.3	1,412.1	1,332.4	1,342.5	1,352.5	1,362.0	1,368.8	1,376.1	1,383.1	1,389.4	1,397.5	1,398.5	1,412.1	1,428.2	r1,436.5	1,450.2
U.S. Treasury securities ... do....	111.0	130.9	115.1	114.4	116.6	116.3	115.8	116.5	117.8	118.2	122.3	126.4	130.9	139.8	144.5	151.0
Other securities ... do....	231.4	239.1	232.0	233.1	234.0	234.9	235.9	235.9	237.1	237.6	237.2	235.8	239.1	243.3	r243.2	242.8
Total loans and leases ¶ ... do....	973.9	1,042.0	985.2	995.0	1,002.0	1,010.8	1,017.1	1,023.7	1,028.3	1,033.5	1,038.1	1,036.4	1,042.0	1,045.1	r1,048.8	1,056.3
Money and interest rates:																
Discount rate (N.Y.F.R. Bank) @@ ... percent..	13.41	11.02	12.00	12.00	12.00	12.00	12.00	11.81	10.68	10.00	9.68	9.35	8.73	8.50	8.50	8.50
Federal intermediate credit bank loans ... do....	[2]14.20	[2]13.56	14.45	14.11	14.14	13.93	13.73	13.63	13.43	13.21	12.90	12.48	12.14	11.58	11.11	[6]10.83
Home mortgage rates (conventional 1st mortgages):																
New home purchase (U.S. avg.) ... percent..	[2]14.13	[2]14.49	14.44	14.93	15.13	15.11	14.74	15.01	15.05	14.34	13.86	13.26	13.09	13.00	12.62	12.97
Existing home purchase (U.S. avg.) ... do....	[2]14.51	[2]14.78	15.22	15.07	15.39	15.57	15.01	14.96	15.03	14.71	14.37	13.74	13.44	13.04	12.88	12.61
Open market rates, New York City:																
Bankers' acceptances, 90 days ... do....	[4]15.32	[3]11.89	14.47	13.73	13.95	13.29	14.00	12.90	10.34	10.40	9.24	8.76	8.54	8.19	8.36	8.54
Commercial paper, 6-month ‡ ... do....	[3]14.76	[3]11.89	14.27	13.47	13.64	13.02	13.79	13.00	10.80	10.86	9.21	8.72	8.50	8.15	8.39	8.48
Finance co. paper placed directly, 6-mo @ do....	[3]13.73	[3]11.20	13.58	12.89	13.09	12.61	12.69	12.15	9.93	9.63	8.60	8.42	8.20	7.97	8.26	8.35
Yield on U.S. Government securities (taxable):																
3-month bills (rate on new issue) ... percent..	[3]14.077	[3]10.686	13.780	12.493	12.821	12.148	12.108	11.914	9.006	8.196	7.750	8.042	8.013	7.810	8.130	8.304
CONSUMER INSTALLMENT CREDIT																
Total extended and liquidated:																
Unadjusted:																
Extended ... mil. $..	r334,508	r344,901	r23,009	r28,250	r28,881	r28,871	r31,655	r27,881	r30,138	r29,554	r27,929	r31,423	r34,567	...	...	...
Liquidated ... do....	r316,291	r331,805	r25,467	r28,287	r27,213	r27,445	r28,711	r26,896	r28,453	r27,056	r28,926	r29,522	r28,143	...	...	...
Seasonally adjusted:																
Extended, total # ... do....	...	...	r27,182	r27,356	r28,765	r29,517	r30,034	r27,982	r28,024	r28,619	r28,650	r31,691	r30,777	...	...	...
By major holder:																
Commercial banks ... do....	...	...	r12,539	r12,764	r13,153	r13,206	r13,819	r12,958	r12,984	r13,219	r13,754	r14,806	r14,236	...	...	...
Finance companies ... do....	...	...	r4,703	r4,760	r5,350	r6,027	r5,781	r4,646	r4,580	r4,841	r4,533	r6,099	r5,861	...	...	...
Credit unions ... do....	...	...	r2,713	r2,651	r2,928	r2,828	r2,889	r2,737	r2,916	r3,047	r2,963	r3,434	r3,295	...	...	...
Retailers ... do....	...	...	r4,353	r4,489	r4,511	r4,593	r4,626	r4,740	r4,470	r4,621	r4,457	r4,444	r4,446	...	...	...
By major credit type:																
Automobile ... do....	...	...	r7,127	r7,072	r7,987	r8,471	r8,364	r7,376	r7,162	r7,488	r8,041	r10,177	r9,716	...	...	...
Revolving ... do....	...	...	r11,968	r12,329	r12,487	r12,775	r13,367	r12,658	r12,728	r12,705	r12,614	r12,778	r12,491	...	...	...
Mobile home ... do....	...	...	r441	r453	r533	r501	r498	r507	r615	r522	r543	r486	r473	...	...	...
Liquidated, total # ... do....	...	...	r27,015	r26,723	r27,142	r27,673	r28,011	r27,143	r27,768	r27,363	r28,781	r29,676	r28,359	...	...	...
By major holder:																
Commercial banks ... do....	...	...	r12,462	r12,344	r12,473	r12,708	r13,373	r12,671	r13,005	r12,531	r13,681	r14,349	r13,125	...	...	...
Finance companies ... do....	...	...	r4,601	r4,556	r4,719	r5,000	r4,714	r4,494	r4,772	r4,735	r4,905	r5,048	r4,837	...	...	...
Credit unions ... do....	...	...	r2,823	r2,774	r2,818	r2,877	r2,810	r2,784	r2,759	r2,792	r2,925	r3,022	r3,098	...	...	...
Retailers ... do....	...	...	r4,413	r4,368	r4,457	r4,406	r4,429	r4,494	r4,513	r4,552	r4,524	r4,495	r4,537	...	...	...
By major credit type:																
Automobile ... do....	...	...	r7,272	r7,353	r7,441	r7,378	r7,395	r7,339	r7,542	r7,139	r8,111	r8,643	r8,225	...	...	...
Revolving ... do....	...	...	r11,866	r11,806	r11,834	r12,024	r12,640	r12,100	r12,529	r12,394	r12,533	r12,739	r11,990	...	...	...
Mobile home ... do....	...	...	r457	r420	r465	r405	r403	r399	r438	r447	r578	r463	r510	...	...	...
Total outstanding, end of year or month # ... do....	r331,697	r344,798	r326,301	r326,265	r327,933	r329,358	r332,303	r333,285	r334,971	r337,469	r336,473	r338,372	r344,798	343,355	341,545	...
By major holder:																
Commercial banks ... do....	r147,622	r152,069	r145,788	r145,588	r146,186	r146,167	r147,227	r147,559	r148,438	r149,801	r149,528	r149,651	r152,069	150,906	150,257	...
Finance companies ... do....	89,818	94,322	89,009	89,591	90,674	91,958	93,009	93,353	93,207	93,357	92,541	93,462	94,322	95,080	93,859	...
Credit unions ... do....	45,954	47,253	45,586	45,632	45,450	45,472	45,882	45,698	46,154	46,846	46,645	46,832	47,253	47,150	47,833	...
Retailers ... do....	29,551	30,202	27,013	26,530	26,537	26,536	26,645	26,710	26,751	26,829	27,046	27,639	30,202	28,859	27,734	...
By major credit type:																
Automobile ... do....	r125,331	r130,227	r124,498	r124,917	r125,693	r126,838	r128,143	r128,110	r128,051	r128,865	r128,375	r129,299	r130,227	129,090	129,081	...
Revolving ... do....	r62,819	r67,184	r59,539	r58,646	r58,940	r59,111	r59,946	r60,556	r61,293	r61,845	r61,836	r62,362	r67,184	65,562	63,498	...
Mobile home ... do....	r18,373	r18,988	r18,239	r18,258	r18,352	r18,488	r18,603	r18,721	r18,918	r19,011	r19,043	r19,049	r18,988	19,315	19,408	...
FEDERAL GOVERNMENT FINANCE																
Budget receipts and outlays:																
Receipts (net) ... mil. $..	[1]599,272	[1]617,766	43,042	45,291	75,777	36,753	66,353	44,675	44,924	59,694	40,539	42,007	54,498	57,505	38,816	...
Outlays (net) ... do....	[1]657,204	[1]728,424	57,822	63,546	66,073	55,683	59,629	64,506	59,628	61,403	66,708	66,166	72,436	67,087	64,152	...
Budget surplus or deficit (—) ... do....	[1]–57,932	[1]–110,658	–14,780	–18,255	9,704	–18,930	6,724	–19,831	–14,704	–1,708	–26,169	–24,158	–17,938	–9,582	–25,336	...
Budget financing, total ... do....	[5]57,932	[5]127,989	14,993	18,773	–8,711	21,424	–4,457	20,962	16,751	4,575	26,462	24,845	18,103	9,916	25,341	...
Borrowing from the public ... do....	[1]79,329	[1]134,912	10,693	12,305	2,527	3,187	3,260	14,348	21,086	22,129	6,228	25,923	29,895	6,419	17,919	...
Reduction in cash balances ... do....	[1]–21,397	[1]–6,923	4,300	6,468	–11,238	18,237	–7,717	6,614	–4,335	–17,554	20,234	–1,078	–11,792	3,497	7,422	...
Gross amount of debt outstanding ... do....	[1]1,003,941	[1]1,146,987	1,053,325	1,066,393	1,070,734	1,076,798	1,084,658	1,094,628	1,114,214	1,146,987	1,147,713	1,166,569	1,201,898	1,205,899	1,220,132	...
Held by the public ... do....	[1]794,434	[1]929,346	850,504	862,809	865,336	868,523	871,783	886,131	907,218	929,346	935,574	961,497	991,392	997,811	1,015,730	...
Budget receipts by source and outlays by agency:																
Receipts (net), total ... mil. $..	[1]599,272	[1]617,766	43,042	45,291	75,777	36,753	66,353	44,675	44,924	59,694	40,539	42,007	54,498	57,505	38,816	...
Individual income taxes (net) ... do....	[1]285,917	[1]298,111	21,007	13,391	41,672	9,576	32,273	23,987	20,867	32,592	20,832	22,452	24,946	34,151	20,544	...
Corporation income taxes (net) ... do....	[1]61,137	[1]49,207	1,293	6,910	7,342	1,202	10,589	601	422	6,146	–461	–680	8,164	1,164	–274	...
Social insurance taxes and contributions (net) ... mil. $..	[1]182,720	[1]201,131	15,109	18,752	21,593	20,483	17,572	14,874	17,961	15,608	15,157	14,902	15,776	17,071	13,797	...
Other ... do....	[1]69,499	[1]69,317	5,633	6,238	5,170	5,493	5,918	5,214	5,674	5,348	5,010	5,332	5,613	5,119	4,748	...
Outlays, total # ... do....	[1]657,204	[1]728,424	57,822	63,546	66,073	55,683	59,629	64,506	59,628	61,403	66,708	66,166	72,436	67,087	64,152	...
Agriculture Department ... do....	[1]26,030	[1]36,213	2,984	4,394	2,484	1,362	1,526	2,668	2,184	3,026	4,107	5,374	7,499	5,836	3,847	...
Defense Department, military ... do....	[1]156,035	[1]182,850	14,239	16,042	16,013	14,826	16,041	16,329	15,011	16,447	15,896	16,461	17,615	15,901	16,199	...
Health and Human Services Department § ... mil. $..	[1]230,304	[1]251,268	20,679	21,628	21,898	19,883	21,087	22,499	21,168	21,424	22,200	22,817	23,440	22,197	22,220	...
Treasury Department ... do....	[1]92,633	[1]110,521	8,164	7,598	9,641	8,286	14,090	8,643	9,235	7,179	9,149	9,076	14,327	9,248	9,512	...
National Aeronautics and Space Adm ... do....	[1]5,421	[1]6,026	493	524	464	486	497	435	491	467	482	632	524	468	494	...
Veterans Administration ... do....	[1]22,904	[1]23,937	1,908	2,269	3,236	751	1,923	3,097	994	1,924	1,942	2,066	3,200	834	2,061	...
GOLD AND SILVER:																
Gold:																
Monetary stock, U.S. (end of period) ... mil. $..	11,151	11,148	11,150	11,150	11,149	11,149	11,149	11,149	11,148	11,148	11,148	11,148	11,148	11,144	11,139	11,138
Price at New York ‡‡ ... dol. per troy oz..	459.614	376.010	374.071	330.248	350.488	334.403	314.982	340.102	365.952	435.564	421.755	414.993	445.431	479.893	490.408	419.696
Silver:																
Price at New York ‡‡ ... dol. per troy oz..	10.518	7.947	8.268	7.213	7.311	6.674	5.578	6.497	7.136	8.725	9.458	9.892	10.586	12.396	13.964	10.619

See footnotes at end of tables.

FINANCE—Continued

Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	1981	1982	1982											1983		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
MONETARY STATISTICS																
Currency in circulation (end of period) ..... bil. $..	145.6	156.2	140.5	142.6	144.0	146.5	148.2	148.1	149.4	149.2	150.1	154.1	156.2	.....	.....	.....
Money stock measures and components (averages of daily figures): †																
Measures (not seasonally adjusted): ‡																
M1 ..... bil. $..	430.0	458.0	438.1	440.9	456.3	445.8	450.8	454.3	454.3	461.0	470.6	479.0	491.0	r489.7	r480.6	489.3
M2 ..... do....	1,716.6	r1,878.3	1,807.9	1,825.9	1,848.6	1,848.7	1,865.4	1,883.0	1,896.5	1,908.7	1,928.6	1,943.6	r1,964.5	r2,016.5	r2,039.1	2,062.1
M3 ..... do....	2,061.3	2,278.5	2,189.2	2,211.0	2,235.3	2,237.3	2,257.2	2,280.8	2,308.8	2,324.4	2,350.4	2,369.2	r2,385.3	r2,413.3	r2,423.8	2,442.1
L (M3 plus other liquid assets) ..... do....	2,491.3	.....	2,671.9	2,697.7	2,724.8	2,737.7	2,763.8	2,789.9	r2,811.7	r2,825.4	2,860.8	.....	.....	.....	.....	.....
Components (not seasonally adjusted):																
Currency ..... do....	119.8	128.4	123.0	123.9	125.7	127.2	128.3	129.8	130.1	130.2	131.3	132.7	135.2	133.2	133.7	135.4
Demand deposits ..... do....	240.3	234.9	229.3	229.1	236.9	228.8	230.7	231.7	229.6	232.9	237.6	240.6	247.7	245.1	r232.8	235.4
Other checkable deposits ‡‡ ..... do....	65.6	90.3	81.5	83.8	89.5	85.4	87.2	87.9	89.8	93.3	97.3	101.5	104.0	r107.5	r110.0	114.3
Overnight RP's and Eurodollars * ..... do....	33.0	41.1	38.0	39.1	36.8	40.1	40.3	41.8	42.4	41.5	43.9	45.2	44.3	47.4	r48.3	48.1
Money market mutual funds ..... do....	109.8	172.4	156.0	159.7	161.8	164.9	170.1	172.9	182.3	185.1	187.6	191.1	r182.2	r166.7	r159.4	153.5
Savings deposits ..... do....	361.5	350.3	344.6	346.3	348.5	347.9	348.6	348.6	346.8	348.2	357.8	r363.4	r356.2	r332.1	r320.9	319.3
Small time deposits @ ..... do....	788.2	859.1	837.3	845.8	851.1	855.9	861.4	871.6	876.6	879.0	875.3	871.6	854.5	799.3	759.5	739.0
Large time deposits @ ..... do....	287.1	r326.4	315.3	318.9	319.0	320.6	323.5	327.4	332.9	334.9	339.1	340.8	r336.5	r314.2	r302.8	299.0
Measures (seasonally adjusted): ‡																
M1 ..... do....	.....	.....	448.0	448.6	449.3	452.4	453.4	454.4	458.3	463.2	468.7	474.0	478.2	482.1	r491.1	497.7
M2 ..... do....	.....	.....	1,815.8	1,828.9	1,835.2	1,850.6	1,864.5	1,880.9	1,903.6	1,917.0	1,929.7	1,945.0	r1,959.5	r2,008.2	r2,047.3	2,066.1
M3 ..... do....	.....	.....	2,191.6	2,210.9	2,224.1	2,240.7	2,260.2	2,283.4	2,317.8	2,333.9	2,352.0	2,370.2	r2,377.6	r2,401.5	r2,427.4	2,443.4
L (M3 plus other liquid assets) ..... do....	.....	.....	2,668.1	2,692.7	2,710.3	r2,737.6	2,767.0	r2,798.2	r2,823.5	r2,840.5	2,865.9	.....	.....	.....	.....	.....
Components (seasonally adjusted):																
Currency ..... do....	.....	.....	124.7	125.2	126.3	127.4	128.2	128.8	129.6	130.5	131.3	131.9	132.8	134.2	135.6	137.0
Demand deposits ..... do....	.....	.....	235.5	233.8	233.3	233.1	232.3	232.1	232.5	234.0	236.0	237.6	239.8	239.4	238.7	240.2
Savings deposits ..... do....	.....	.....	346.9	346.6	345.9	346.6	347.2	345.0	346.7	350.0	358.0	366.4	358.7	r332.5	r322.1	318.8
Small time deposits @ ..... do....	.....	.....	833.1	840.7	847.2	852.5	859.3	872.9	879.8	883.2	878.0	874.9	859.8	798.1	756.1	735.1
Large time deposits @ ..... do....	.....	.....	309.9	315.8	321.2	322.1	327.4	332.1	334.9	336.1	339.6	340.4	r333.8	r310.6	r298.1	296.3
PROFITS AND DIVIDENDS (QTRLY.)																
Manufacturing corps. (Fed. Trade Comm.):																
Net profit after taxes, all industries ..... mil. $..	101,302	71,001	.....	18,999	.....	.....	20,028	.....	.....	17,828	.....	.....	14,146	.....	.....	.....
Food and kindred products ..... do....	9,109	8,789	.....	2,120	.....	.....	2,079	.....	.....	2,031	.....	.....	2,559	.....	.....	.....
Textile mill products ..... do....	1,157	816	.....	78	.....	.....	146	.....	.....	258	.....	.....	334	.....	.....	.....
Paper and allied products ..... do....	3,110	1,460	.....	418	.....	.....	436	.....	.....	408	.....	.....	198	.....	.....	.....
Chemicals and allied products ..... do....	12,973	10,173	.....	2,900	.....	.....	2,764	.....	.....	2,451	.....	.....	2,058	.....	.....	.....
Petroleum and coal products ..... do....	23,733	19,268	.....	4,935	.....	.....	4,146	.....	.....	5,024	.....	.....	5,163	.....	.....	.....
Stone, clay, and glass products ..... do....	1,627	558	.....	–167	.....	.....	205	.....	.....	329	.....	.....	191	.....	.....	.....
Primary nonferrous metal ..... do....	2,124	–391	.....	82	.....	.....	44	.....	.....	–41	.....	.....	–476	.....	.....	.....
Primary iron and steel ..... do....	3,507	–3,836	.....	25	.....	.....	–430	.....	.....	–893	.....	.....	–2,538	.....	.....	.....
Fabricated metal products (except ordnance, machinery, and transport. equip.) ..... mil. $..	4,235	2,328	.....	786	.....	.....	820	.....	.....	425	.....	.....	297	.....	.....	.....
Machinery (except electrical) ..... do....	12,580	7,920	.....	2,657	.....	.....	2,454	.....	.....	1,687	.....	.....	1,122	.....	.....	.....
Elec. machinery, equip., and supplies ..... do....	7,872	6,769	.....	1,781	.....	.....	1,801	.....	.....	1,688	.....	.....	1,499	.....	.....	.....
Transportation equipment (except motor vehicles, etc.) ..... mil. $..	3,722	2,621	.....	645	.....	.....	693	.....	.....	720	.....	.....	563	.....	.....	.....
Motor vehicles and equipment ..... do....	–209	734	.....	1	.....	.....	1,072	.....	.....	–18	.....	.....	–321	.....	.....	.....
All other manufacturing industries ..... do....	15,762	13,792	.....	2,738	.....	.....	3,798	.....	.....	3,759	.....	.....	3,497	.....	.....	.....
Dividends paid (cash), all industries ..... do....	40,317	41,207	.....	10,160	.....	.....	10,418	.....	.....	10,076	.....	.....	10,553	.....	.....	.....
SECURITIES ISSUED @@																
Securities and Exchange Commission:																
Estimated gross proceeds, total ..... mil. $..	r68,970	r74,591	r5,410	r5,627	r4,067	r5,441	r5,349	r5,457	r8,937	r7,310	r9,596	r6,846	r7,997	7,884	.....	.....
By type of security:																
Bonds and notes, corporate ..... do....	r38,966	r45,211	r3,659	r3,681	r2,087	r2,958	r2,628	r3,179	r6,363	r5,026	r6,967	r3,588	r4,133	4,756	.....	.....
Common stock ..... do....	r25,004	r23,399	r1,417	r1,748	r1,843	r1,467	r2,554	r1,387	r1,849	r1,663	r1,918	r2,694	r3,447	2,534	.....	.....
Preferred stock ..... do....	r1,633	r5,048	r185	198	r137	887	67	r641	622	r520	611	r563	r418	594	.....	.....
By type of issuer:																
Corporate, total # ..... mil. $..	r65,603	r73,660	r5,261	r5,627	r4,067	r5,312	r5,249	r5,208	r8,834	r7,210	r9,496	r6,845	r7,997	7,884	.....	.....
Manufacturing ..... do....	r15,463	r13,875	r264	r950	r440	r694	r328	r1,222	r2,131	r1,505	r2,863	r1,251	r1,634	2,089	.....	.....
Extractive (mining) ..... do....	r8,553	r7,429	r465	r828	r604	r355	r1,700	r652	r395	r750	r302	r494	r230	1,218	.....	.....
Public utility ..... do....	r13,304	r15,326	r1,042	r1,709	r1,547	r1,404	r814	r645	r1,476	r1,783	r1,795	r1,119	r1,393	663	.....	.....
Transportation ..... do....	r1,897	r2,091	r73	r240	r31	r100	r131	r5	464	r124	r518	r306	r46	386	.....	.....
Communication ..... do....	r5,871	r4,175	r302	r58	r3	r456	r166	r166	r679	r305	r307	r89	r1,586	187	.....	.....
Financial and real estate ..... do....	r15,743	r24,456	r2,941	r1,504	r1,194	r1,660	r1,882	r2,079	r2,657	r2,324	r2,938	r2,734	r2,130	2,698	.....	.....
State and municipal issues (Bond Buyer):																
Long-term ..... do....	46,134	r77,179	3,459	5,531	6,692	5,268	5,667	5,822	r6,650	r6,420	r8,082	r9,951	r9,857	3,492	5,897	7,144
Short-term ..... do....	34,443	r43,390	2,708	2,950	3,109	5,919	4,848	3,302	4,766	3,146	3,357	3,396	r3,365	2,980	1,714	2,135
SECURITY MARKETS																
Stock Market Customer Financing																
Margin credit at brokers, end of year or month ..... mil. $..	14,411	13,325	13,023	12,095	12,202	12,237	11,783	11,729	11,396	11,208	11,728	12,459	13,325	13,370	13,985	.....
Free credit balances at brokers:																
Margin accounts ..... do....	3,515	5,735	3,755	3,895	4,145	4,175	4,215	4,410	4,470	4,990	5,520	5,600	5,735	6,255	6,195	.....
Cash accounts ..... do....	7,150	8,390	6,595	6,510	6,270	6,355	6,345	6,730	7,550	7,475	8,120	8,395	8,390	8,225	7,955	.....
Bonds																
Prices:																
Standard & Poor's Corporation:																
High grade corporate:																
Composite § ..... dol. per $100 bond..	33.7	35.8	31.1	32.9	33.3	34.0	32.1	32.8	35.7	38.0	41.7	44.2	42.9	42.5	41.3	42.6
Domestic municipal (15 bonds) ..... do....	43.2	41.8	37.0	37.3	38.2	39.9	38.3	39.4	43.2	45.6	49.7	48.7	49.0	51.6	51.3	53.1
Sales:																
New York Stock Exchange, exclusive of some stopped sales, face value, total ..... mil. $..	5,733.07	7,155.44	388.34	512.80	509.13	510.05	499.02	463.04	724.38	699.80	875.39	770.43	792.60	787.72	689.61	793.35

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	1981	1982	1982											1983		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.

FINANCE—Continued

Bonds—Continued																
Yields:																
Domestic corporate (Moody's) ..... percent..	15.06	14.94	16.13	15.68	15.53	15.34	15.77	15.70	15.06	14.34	13.54	13.08	13.02	12.90	13.02	12.72
By rating:																
Aaa ..... do....	14.17	13.79	15.27	14.58	14.46	14.26	14.81	14.61	13.71	12.94	12.12	11.68	11.83	11.79	12.01	11.73
Aa ..... do....	14.75	14.41	15.72	15.21	14.90	14.77	15.26	15.21	14.48	13.72	12.97	12.51	12.44	12.35	12.58	12.32
A ..... do....	15.29	15.43	16.35	16.12	15.95	15.70	16.07	16.20	15.70	15.07	14.34	13.81	13.66	13.53	13.52	13.20
Baa ..... do....	16.04	16.11	17.18	16.82	16.78	16.64	16.92	16.80	16.32	15.63	14.73	14.30	14.14	13.94	13.95	13.61
By group:																
Industrials ..... do....	14.50	14.54	15.53	15.29	15.22	15.08	15.35	15.37	14.88	14.11	13.19	12.57	12.48	12.34	12.43	12.12
Public utilities ..... do....	15.62	15.33	16.72	16.07	15.82	15.60	16.18	16.04	15.22	14.56	13.88	13.58	13.55	13.46	13.60	13.31
Railroads ..... do....	13.22	13.68	14.08	14.00	14.03	13.93	13.99	14.05	13.90	13.69	13.08	12.74	12.60	12.27	12.13	12.11
Domestic municipal:																
Bond Buyer (20 bonds) ..... do....	11.56	11.56	12.70	13.13	11.97	12.13	12.58	11.97	10.74	10.48	10.05	10.23	9.56	9.74	9.04	9.38
Standard & Poor's Corp. (15 bonds) ..... do....	11.23	11.57	12.81	12.72	12.45	11.99	12.42	12.11	11.12	10.61	9.59	9.97	9.91	9.45	9.55	9.16
U.S. Treasury bonds, taxable ‡ ..... do....	12.87	12.23	13.63	12.98	12.84	12.67	13.32	12.97	12.15	11.48	10.51	10.18	10.33	10.37	10.60	10.34
Stocks																
Prices:																
Dow-Jones averages (65 stocks)	364.61	345.40	327.54	318.94	332.69	333.11	313.66	316.31	321.30	356.89	383.92	401.57	404.83	417.61	428.91	447.11
Industrial (30 stocks)	932.92	884.36	833.15	812.33	844.96	846.72	804.37	818.41	832.11	917.27	988.71	1,027.76	1,033.08	1,064.29	1,087.43	1,129.58
Public utility (15 stocks)	108.58	111.95	105.98	107.47	112.17	114.49	108.41	106.28	109.64	116.18	119.97	119.34	117.83	123.83	124.32	126.88
Transportation (20 stocks)	398.56	359.81	345.93	328.85	344.68	340.90	314.58	316.68	318.34	368.32	402.70	436.43	446.37	457.74	479.72	507.66
Standard & Poor's Corporation: §																
Combined index (500 Stocks) ..... 1941-43=10..	128.04	119.71	114.50	110.84	116.31	116.35	109.70	109.38	109.65	122.43	132.66	138.10	139.37	144.27	146.80	151.88
Industrial, total (400 Stocks) # ..... do....	144.24	133.57	127.56	122.85	129.19	129.68	122.61	122.49	122.29	137.09	148.11	153.90	156.02	162.02	165.15	170.33
Capital goods (105 Stocks) ..... do....	139.03	119.98	120.53	112.43	117.32	115.84	105.97	106.34	106.34	119.61	131.64	139.35	142.63	151.03	154.08	159.04
Consumer goods (191 Stocks) ..... do....	100.67	109.37	97.32	97.00	102.91	103.81	100.92	102.66	102.46	115.51	126.43	133.27	134.75	133.08	133.89	144.43
Utilities (40 Stocks) ..... do....	51.87	54.78	51.39	52.33	54.25	54.88	52.13	51.87	53.34	56.48	59.41	60.08	59.33	61.89	61.52	62.13
Transportation (20 Stocks) ..... 1970=10..	23.26	19.64	18.95	17.68	18.71	18.50	17.21	17.22	17.53	20.27	22.19	23.52	23.84	24.93	25.52	26.48
Railroads (8 Stocks) ..... 1941-43=10..	93.09	74.82	75.99	67.73	71.20	71.16	65.49	63.15	64.71	77.20	86.27	88.27	85.83	90.26	91.73	95.45
Financial (40 Stocks) ..... 1970=10..	14.44	14.30	14.19	14.15	14.59	13.81	12.45	12.07	12.38	13.72	15.97	17.46	16.90	16.51	16.75	18.60
NewYorkCity banks(6 Stocks) 1941-43=10..	52.45	54.76	53.85	53.77	55.93	52.27	48.10	45.36	47.46	50.50	64.21	68.70	65.60	63.91	64.58	70.91
Banks outside N.Y.C. (10 Stocks) ..... do....	117.82	95.87	100.48	96.11	97.40	93.29	86.01	81.10	82.06	86.79	106.48	114.55	103.62	101.22	100.25	107.22
Property-Casualty Insurance (5 Stocks) do....	141.29	143.01	146.08	147.01	149.14	142.45	126.05	120.61	118.41	134.47	156.02	166.54	168.28	162.01	163.13	186.26
New York Stock Exchange common stock indexes:																
Composite ..... 12/31/65=50..	74.02	68.93	66.16	63.86	66.97	67.07	63.10	62.82	62.91	70.21	76.10	79.75	80.30	83.25	84.74	87.50
Industrial ..... do....	85.44	78.18	74.78	71.51	75.59	75.97	71.59	71.37	70.98	80.08	86.67	90.76	92.00	95.37	97.26	100.61
Transportation ..... do....	72.61	60.41	59.09	55.19	57.91	56.84	53.07	53.40	53.98	61.39	66.64	71.92	73.40	75.65	79.44	83.28
Utility ..... do....	38.91	39.74	38.32	38.57	39.20	39.40	37.34	37.20	38.19	40.36	42.67	43.46	42.93	45.59	45.92	45.89
Finance ..... do....	73.52	71.99	70.50	69.08	71.44	69.16	63.19	61.59	62.84	69.66	80.59	88.66	86.22	85.66	86.57	93.22
Yields (Standard & Poor's Corp.):																
Composite (500 stocks) ..... percent..	5.20	5.81	6.06	6.28	5.99	5.97	6.28	6.31	6.32	5.63	5.12	4.92	4.93	4.79	4.74	.....
Industrials (400 stocks) ..... do....	4.90	5.48	5.75	5.99	5.70	5.65	5.90	5.91	5.94	5.26	4.78	4.60	4.59	4.44	4.39	.....
Utilities (40 stocks) ..... do....	10.15	10.39	10.77	10.61	10.27	10.27	10.87	11.02	10.77	10.22	9.73	9.62	9.83	9.48	9.60	.....
Transportation (20 stocks) ..... do....	3.40	4.32	4.38	4.72	4.47	4.47	4.85	4.92	4.95	4.17	3.75	3.53	3.46	3.24	3.19	.....
Financial (40 stocks) ..... do....	5.41	5.92	5.79	5.92	5.73	6.07	6.67	6.97	6.79	6.12	5.22	4.84	5.08	5.27	5.24	.....
Preferred stocks, 10 high-grade ..... do....	12.36	12.53	13.20	12.97	12.90	12.58	12.96	13.24	12.78	12.41	11.71	11.18	11.20	11.23	11.13	10.86
Sales:																
Total on all registered exchanges (SEC):																
Market value ..... mil. $..	490,688	r596,670	35,953	44,157	39,900	37,350	35,174	41,292	47,117	61,374	r79,303	r75,002	r73,704	69,588	.....	.....
Shares sold ..... millions..	15,910	r22,414	1,313	1,713	1,533	1,430	1,414	1,577	1,902	2,301	r2,852	r2,642	r2,547	2,402	.....	.....
On New York Stock Exchange:																
Market value ..... mil. $..	415,913	514,263	30,268	38,232	33,714	31,913	30,420	35,580	40,659	52,551	67,157	r63,927	r61,542	59,712	.....	.....
Shares sold (cleared or settled) ..... millions..	12,843	18,211	1,071	1,411	1,242	1,167	1,169	1,304	1,555	1,890	2,292	r2,129	r1,992	1,920	.....	.....
New York Stock Exchange:																
Exclusive of odd-lot and stopped stock sales (sales effected) ..... millions..	11,854	16,458	972	1,270	1,136	1,027	1,111	1,145	1,673	1,548	2,069	1,857	1,682	1,858	1,615	1,902
Shares listed, N.Y. Stock Exchange, end of period:																
Market value, all listed shares ..... bil. $..	1,143.79	1,305.36	1,053.75	1,036.85	1,081.87	1,039.18	1,017.45	993.56	1,106.56	1,120.26	1,244.38	1,291.94	1,305.36	1,349.19	1,385.49	1,431.63
Number of shares listed ..... millions..	38,298	39,516	38,572	38,588	38,738	38,594	38,894	39,064	39,070	39,177	39,262	39,400	39,516	39,688	40,298	40,468

FOREIGN TRADE OF THE UNITED STATES

VALUE OF EXPORTS																
Exports (mdse.), incl. reexports, total @ ..... mil. $..	r233,739.0	212,274.6	17,637.3	20,160.9	18,610.6	19,000.7	19,416.1	17,259.3	16,264.5	16,716.7	17,274.5	15,695.0	16,723.9	16,204.9	15,540.5	.....
Excl. Dept. of Defense shipments ..... do....	r233,677.0	212,193.1	17,635.5	20,151.7	18,605.2	18,992.4	19,413.3	17,252.2	16,249.9	16,712.6	17,267.0	15,689.2	16,716.4	16,200.6	15,531.5	.....
Seasonally adjusted ..... do....	.....	.....	18,613.6	18,461.6	18,005.2	18,124.3	18,822.9	18,059.6	17,463.3	17,320.3	16,671.4	15,851.9	16,346.6	17,393.0	16,325.8	.....
By geographic regions:																
Africa ..... do....	r11,097.4	10,271.1	972.4	967.1	1,001.7	936.3	1,038.0	681.9	693.7	720.1	915.0	601.3	892.9	651.0	.....	.....
Asia ..... do....	r63,848.7	64,822.2	5,194.8	5,752.2	5,215.9	5,545.1	5,786.2	5,793.3	5,186.8	4,947.1	5,372.4	5,109.7	5,746.2	5,043.2	.....	.....
Australia and Oceania ..... do....	r6,435.8	5,699.7	442.6	597.9	471.6	495.4	662.3	470.0	495.9	445.8	433.6	362.7	360.5	386.2	.....	.....
Europe ..... do....	r69,714.7	63,664.2	5,605.7	6,328.8	5,753.1	5,711.4	5,639.7	4,743.1	4,562.0	4,857.0	4,930.1	4,892.6	5,095.6	5,340.1	.....	.....
Northern North America ..... do....	r39,565.8	33,723.6	2,593.5	3,346.8	3,066.1	3,189.7	2,943.2	2,667.7	2,634.8	2,838.1	3,089.2	2,512.5	2,378.3	2,671.7	.....	.....
Southern North America ..... do....	r24,368.7	18,332.1	1,665.1	1,791.3	1,758.6	1,730.8	1,837.9	1,514.5	1,328.1	1,573.0	1,224.7	1,043.4	1,161.1	1,111.1	.....	.....
South America ..... do....	r17,732.1	15,256.5	1,163.0	1,376.6	1,258.2	1,323.2	1,437.0	1,334.4	1,336.0	1,278.5	1,235.6	1,125.3	1,070.1	1,001.5	.....	.....
By leading countries:																
Africa:																
Egypt ..... do....	r2,159.4	2,875.4	275.2	231.1	383.1	293.6	269.4	177.8	191.7	191.4	280.0	145.4	264.0	250.2	.....	.....
Republic of South Africa ..... do....	r2,911.7	2,368.2	224.6	206.7	237.4	234.8	242.7	191.9	182.7	174.7	162.3	133.4	146.2	126.5	.....	.....
Asia; Australia and Oceania:																
Australia, including New Guinea ..... do....	r5,297.5	4,600.7	370.5	490.6	402.4	411.0	491.1	386.3	351.9	380.4	337.0	307.7	280.6	315.9	.....	.....
Japan ..... do....	r21,823.0	20,966.1	1,705.6	1,862.2	1,574.8	1,710.2	1,828.8	1,776.3	1,732.2	1,568.4	1,804.1	1,814.6	1,803.1	1,601.0	.....	.....

See footnotes at end of tables.

FOREIGN TRADE OF THE UNITED STATES—Continued

Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	1981	1982	1982											1983		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
VALUE OF EXPORTS—Continued																
Exports (mdse.), incl. reexports—Continued																
Europe:																
France ... mil.$..	[1]7,340.5	7,110.4	563.5	728.8	592.9	603.8	665.3	516.4	601.5	572.1	666.1	515.4	561.0	546.8	.....	.....
German Democratic Republic (formerly E. Germany) ... mil. $..	[1]295.7	222.8	26.6	43.7	9.3	22.0	22.0	5.5	0.8	1.9	16.9	10.1	14.1	14.6	.....	.....
Federal Republic of Germany (formerly W. Germany) ... mil. $..	[1]10,276.7	9,291.3	789.6	969.6	804.7	821.6	764.9	723.0	703.6	654.9	678.6	755.9	802.4	732.1	.....	.....
Italy ... do....	[1]5,360.0	4,616.1	397.5	379.0	395.2	446.1	499.4	328.8	308.0	349.4	386.5	344.1	368.6	379.0	.....	.....
Union of Soviet Socialist Republics ... do....	[1]2,431.3	2,587.3	450.5	421.3	325.1	265.7	134.4	71.8	55.1	77.1	80.0	160.6	147.7	266.4	.....	.....
United Kingdom ... do....	[1]12,439.2	10,644.7	817.5	991.0	992.7	913.3	928.1	885.2	805.5	935.6	833.1	838.1	792.5	860.6	.....	.....
North and South America:																
Canada ... do....	[1]39,564.3	33,720.2	2,593.5	3,346.2	3,065.8	3,189.5	2,942.7	2,667.5	2,634.5	2,837.9	3,089.1	2,512.3	2,377.8	2,671.6	.....	.....
Latin American republics, total # ... do....	[1]38,950.1	30,086.3	2,537.2	2,926.9	2,699.6	2,782.8	2,924.3	2,588.5	2,387.7	2,562.2	2,118.6	1,844.7	1,956.2	1,861.6	.....	.....
Brazil ... do....	[1]3,798.2	3,422.7	260.4	289.8	274.9	319.1	334.3	361.2	318.1	306.0	236.3	201.7	214.8	194.8	.....	.....
Mexico ... do....	[1]17,788.7	11,816.9	1,123.9	1,307.2	1,173.1	1,201.1	1,202.6	1,005.4	795.2	1,042.6	633.2	504.9	640.0	626.6	.....	.....
Venezuela ... do....	[1]5,444.9	5,206.2	380.9	501.7	415.0	440.6	501.8	494.0	460.8	402.5	449.2	402.6	392.8	390.0	.....	.....
Exports of U.S. merchandise, total § ... do....	[1]228,960.8	207,157.6	17,274.6	19,685.4	18,208.3	18,589.3	18,980.3	16,870.3	15,943.9	15,980.7	16,886.7	15,319.1	16,290.1	15,818.8	.....	.....
Excluding military grant-aid ... do....	[1]228,898.7	207,076.2	17,272.8	19,676.2	18,202.8	18,581.0	18,977.5	16,863.2	15,929.3	15,976.6	16,879.2	15,313.3	16,282.6	15,814.4	.....	.....
Agricultural products, total ... do....	[1]43,338.5	36,622.6	3,499.9	3,702.5	3,481.8	3,403.4	3,129.1	2,446.0	2,492.4	2,388.1	2,887.4	3,049.7	2,887.5	3,115.2	.....	.....
Nonagricultural products, total ... do....	[1]185,622.6	170,535.0	13,774.7	15,982.9	14,726.5	15,185.9	15,851.2	14,424.3	13,451.5	13,592.5	13,999.3	12,269.4	13,402.5	12,703.6	.....	.....
By commodity groups and principal commodities:																
Food and live animals # ... mil. $..	[1]30,290.8	23,950.4	2,188.5	2,429.6	2,272.1	2,161.4	2,172.3	1,722.3	1,874.2	1,691.6	1,816.6	1,798.8	1,758.0	2,093.7	1,963.6	.....
Beverages and tobacco ... do....	[1]2,914.7	3,026.2	250.0	300.2	224.2	262.5	221.3	167.0	211.6	193.1	350.3	379.8	257.5	171.5	223.6	.....
Crude materials, inedible, exc. fuels # ... do....	[1]20,992.4	19,248.4	1,782.6	1,837.3	1,789.3	1,839.6	1,598.7	1,350.5	1,272.0	1,328.1	1,515.4	1,663.4	1,546.9	1,576.6	1,458.5	.....
Mineral fuels, lubricants, etc. # ... mil. $..	[1]10,279.0	12,728.8	1,050.9	1,246.3	1,190.2	1,143.5	1,090.4	996.8	954.9	1,073.3	1,206.1	846.0	881.9	1,006.3	681.1	.....
Oils and fats, animal and vegetable ... do....	[1]1,750.3	1,540.9	167.3	132.4	124.3	102.2	141.7	157.3	125.6	146.8	105.0	118.3	117.3	99.1	139.5	.....
Chemicals ... do....	[1]21,187.1	19,890.5	1,662.1	1,858.4	1,688.2	1,722.4	1,862.5	1,648.6	1,715.0	1,548.7	1,487.8	1,455.2	1,647.2	1,565.1	1,491.8	.....
Manufactured goods # ... do....	[1]20,632.5	16,738.6	1,388.7	1,633.8	1,439.6	1,535.6	1,591.0	1,348.5	1,274.2	1,321.7	1,390.7	1,202.5	1,155.4	1,213.9	1,087.3	.....
Machinery and transport equipment, total ... mil. $..	[1]95,717.2	87,128.1	6,979.4	8,357.6	7,547.7	7,782.5	8,175.7	7,597.3	6,738.6	6,756.3	7,136.5	6,083.4	6,846.4	6,174.2	6,406.1	.....
Machinery, total # ... do....	[1]62,945.5	59,324.2	4,719.0	5,523.1	4,967.7	5,203.1	5,523.2	5,083.1	4,664.3	4,928.1	4,889.2	4,451.1	4,522.4	4,252.5	.....	.....
Transport equipment, total ... do....	[1]32,790.9	27,823.9	2,261.0	2,835.1	2,580.3	2,580.0	2,652.8	2,515.6	2,081.5	1,828.8	2,248.1	1,632.7	2,326.7	1,922.5	.....	.....
Motor vehicles and parts ... do....	[1]16,214.0	13,906.8	1,123.9	1,489.3	1,395.6	1,436.2	1,325.5	1,080.8	1,029.5	1,040.7	1,084.0	957.9	919.5	958.7	.....	.....
VALUE OF IMPORTS																
General imports, total ... do....	[1]261,304.9	[2]243,951.9	18,264.6	20,823.4	17,882.1	20,804.5	21,810.9	19,763.2	22,867.8	20,187.8	21,219.3	19,002.0	18,720.2	20,149.0	17,592.6	.....
Seasonally adjusted ... do....	.....	.....	[r]19,570.0	[r]20,018.5	[r]17,714.4	[r]20,476.8	[r]21,187.0	[r]19,849.3	[r]22,930.0	[r]20,581.3	[r]21,006.0	[r]18,892.4	[r]19,154.4	[r]20,020.9	19,014.9	.....
By geographic regions:																
Africa ... do....	[1]27,070.6	[2]17,770.1	1,706.3	1,500.6	1,252.1	911.3	1,317.6	1,695.1	1,467.7	1,262.7	1,586.0	1,423.8	1,288.3	1,271.1	.....	.....
Asia ... do....	[1]92,032.6	[2]85,169.5	6,333.4	7,310.1	5,965.2	7,684.6	7,395.1	6,987.1	9,061.3	6,920.8	7,155.4	6,133.6	5,756.4	6,739.8	.....	.....
Australia and Oceania ... do....	[1]3,352.7	[2]3,130.5	191.9	262.4	226.8	244.9	299.2	288.9	345.0	281.1	323.1	261.2	205.4	245.5	.....	.....
Europe ... do....	[1]53,409.7	[2]53,412.7	3,674.7	4,479.6	4,012.6	4,923.4	4,907.0	4,358.7	4,743.5	4,241.8	4,712.0	4,220.1	4,381.0	4,658.0	.....	.....
Northern North America ... do....	[1]46,432.0	[2]46,497.7	3,549.0	4,158.8	3,737.8	4,070.3	4,399.5	3,462.0	3,829.5	4,238.7	3,907.9	4,009.8	3,625.6	3,868.1	.....	.....
Southern North America ... do....	[1]23,477.4	[2]23,525.0	1,831.9	1,967.5	1,660.2	1,824.7	2,309.5	1,881.2	2,210.3	2,100.8	1,972.3	1,779.6	2,126.8	1,982.4	.....	.....
South America ... do....	[1]15,526.4	[2]14,444.1	977.2	1,144.3	1,027.2	1,145.1	1,182.9	1,090.1	1,210.3	1,141.9	1,562.4	1,173.7	1,336.6	1,384.1	.....	.....
By leading countries:																
Africa:																
Egypt ... do....	[1]397.3	[2]547.2	100.1	80.0	32.7	46.5	90.7	22.4	2.3	8.5	19.2	51.2	51.0	17.9	.....	.....
Republic of South Africa ... do....	[1]2,445.3	[2]1,966.8	183.1	138.5	141.1	138.6	147.5	144.6	159.0	184.4	227.1	162.8	172.1	142.3	.....	.....
Asia; Australia and Oceania:																
Australia, including New Guinea ... mil. $..	[1]2,514.8	[2]2,304.6	152.8	215.3	162.6	181.1	215.5	219.7	220.4	203.1	252.7	172.3	154.4	196.0	.....	.....
Japan ... do....	[1]37,612.1	[2]37,743.7	2,708.0	3,586.6	2,790.4	3,759.4	3,117.2	2,887.9	3,814.7	2,904.2	3,274.0	2,695.1	2,486.2	2,953.2	.....	.....
Europe:																
France ... do....	[1]5,851.4	[2]5,545.3	452.7	455.6	441.9	479.5	539.7	442.8	475.6	410.1	414.0	469.8	452.7	670.2	.....	.....
German Democratic Republic (formerly E. Germany) ... mil. $..	[1]47.7	[2]53.9	5.1	6.9	3.1	3.7	3.6	2.8	4.6	11.2	3.3	3.2	2.9	5.4	.....	.....
Federal Republic of Germany (formerly W. Germany) ... mil. $..	[1]11,379.0	[2]11,974.8	874.9	1,003.3	944.8	1,221.1	1,090.5	957.1	1,025.4	872.9	981.1	949.0	967.2	989.2	.....	.....
Italy ... do....	[1]5,189.0	[2]5,301.4	394.4	492.7	439.7	494.6	459.3	379.4	498.5	459.6	350.0	413.7	420.4	471.1	.....	.....
Union of Soviet Socialist Republics ... do....	[1]347.5	[2]227.6	22.0	18.0	15.5	10.2	31.8	7.7	25.7	27.6	34.8	8.9	7.1	22.7	.....	.....
United Kingdom ... do....	[1]12,834.6	[2]13,094.8	780.0	1,011.3	821.4	1,151.5	1,210.4	1,139.7	1,217.6	1,079.6	1,483.0	1,037.3	1,181.4	1,021.2	.....	.....
North and South America:																
Canada ... do....	[1]46,413.8	[2]46,476.9	3,547.6	4,156.2	3,735.7	4,068.6	4,398.1	3,459.2	3,828.4	4,236.3	3,907.2	4,009.6	3,622.1	3,866.9	.....	.....
Latin American republics, total # ... do....	[1]32,023.3	[2]32,512.6	2,376.0	2,678.5	2,222.5	2,624.6	3,011.3	2,550.6	2,884.1	2,776.3	3,061.0	2,604.6	2,963.1	2,885.0	.....	.....
Brazil ... do....	[1]4,474.5	[2]4,285.3	314.4	369.8	312.1	343.7	313.2	346.8	391.9	374.8	427.5	315.4	440.1	430.6	.....	.....
Mexico ... do....	[1]13,765.1	[2]15,565.9	1,255.3	1,310.5	1,014.2	1,238.3	1,578.2	1,230.8	1,435.3	1,448.9	1,299.9	1,219.1	1,418.7	1,285.9	.....	.....
Venezuela ... do....	[1]5,566.0	[2]4,767.7	312.4	355.2	350.2	293.0	399.2	387.0	281.4	361.9	504.0	392.3	528.9	472.5	.....	.....
By commodity groups and principal commodities:																
Agricultural products, total ... mil. $..	[1]17,003.4	[2]15,421.7	1,091.0	1,403.9	1,271.3	1,348.2	1,334.7	1,148.6	1,348.0	1,302.0	1,428.6	1,248.0	1,234.3	1,529.8	.....	.....
Nonagricultural products, total ... do....	[1]244,301.4	[2]228,530.2	17,173.6	19,419.5	16,610.8	19,456.3	20,476.2	18,614.7	21,519.8	18,885.8	19,790.7	17,754.0	17,485.9	18,619.3	.....	.....
Food and live animals # ... do....	[1]15,237.6	[2]14,452.7	948.4	1,270.6	1,158.2	1,267.2	1,272.6	1,122.5	1,301.1	1,266.6	1,384.3	1,232.7	1,192.8	1,346.6	1,197.8	.....
Beverages and tobacco ... do....	[1]3,138.3	[2]3,364.0	193.5	266.3	284.1	321.2	292.4	251.3	300.1	310.1	305.3	287.5	266.0	353.5	235.1	.....
Crude materials, inedible, exc. fuels # ... do....	[1]11,193.4	[2]8,589.4	669.2	689.7	703.2	771.6	790.5	695.3	782.1	715.8	701.3	705.0	624.8	691.9	630.1	.....
Mineral fuels, lubricants, etc. ... do....	[1]81,416.9	[2]65,409.2	5,107.2	5,008.9	4,311.9	4,167.4	5,426.6	5,942.7	6,353.1	5,200.6	5,946.5	5,037.4	5,467.6	5,141.6	3,704.4	.....
Petroleum and products ... do....	[1]75,577.3	[2]59,396.4	4,523.2	4,504.2	3,862.8	3,749.4	5,025.3	5,454.9	5,954.0	4,741.4	5,486.9	4,419.7	4,843.7	4,440.6	.....	.....
Oils and fats, animal and vegetable ... do....	[1]479.5	[2]405.8	19.2	40.2	25.4	38.8	43.1	31.8	46.6	24.4	32.2	32.3	28.9	38.5	30.1	.....
Chemicals ... do....	[1]9,445.9	[2]9,493.5	667.7	872.9	730.2	840.3	820.7	698.9	897.6	869.7	827.0	739.3	751.8	859.9	867.1	.....
Manufactured goods # ... do....	[1]37,291.9	[2]33,148.4	2,830.9	2,963.7	2,454.4	3,203.9	3,091.3	2,501.4	2,941.1	2,581.1	2,616.0	2,509.1	2,229.1	2,469.2	2,270.3	.....
Machinery and transport equipment ... do....	[1]69,627.2	[2]73,319.6	5,263.5	6,601.1	5,785.5	7,051.3	6,929.7	5,646.5	6,700.7	5,894.2	6,187.3	5,543.0	5,517.3	6,152.4	5,925.5	.....
Machinery, total # ... do....	[1]38,212.2	[2]39,456.8	2,784.4	3,295.6	2,898.5	3,557.7	3,702.3	3,108.7	3,867.0	3,419.1	3,422.8	3,044.5	3,038.2	3,221.7	.....	.....
Transport equipment ... do....	[1]31,415.2	[2]33,862.8	2,479.1	3,305.5	2,887.0	3,493.6	3,227.4	2,537.8	2,833.7	2,475.1	2,764.5	2,498.5	2,479.2	2,930.7	.....	.....
Automobiles and parts ... do....	[1]26,216.9	[2]29,360.6	2,017.7	2,842.8	2,522.3	2,977.3	2,780.7	2,270.6	2,532.5	2,202.1	2,436.6	2,178.6	2,163.0	2,482.4	.....	.....

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	1981	1982	1982											1983		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
FOREIGN TRADE OF THE UNITED STATES—Continued																
Indexes																
Exports (U.S. mdse., excl. military grant-aid):																
Unit value ... 1977=100..	[1]150.8	152.5	155.6	154.8	154.6	154.3	152.6	153.5	151.3	150.8	151.6	151.0	152.2	...	...	...
Quantity ... do....	[1]128.8	115.1	113.0	129.4	119.9	122.5	126.5	111.8	107.1	107.8	113.3	103.2	108.9	...	...	...
Value ... do....	[1]194.1	175.6	175.8	200.2	185.3	189.1	193.1	171.6	162.1	162.6	171.8	155.8	165.7	...	...	...
General imports:																
Unit value ... do....	[1]170.3	167.5	171.7	170.4	169.6	167.3	165.9	167.4	165.1	164.1	166.2	164.1	164.2	...	...	...
Quantity ... do....	[1]105.2	99.9	87.6	100.7	86.8	102.4	108.3	97.2	114.0	101.3	105.2	95.3	93.8	...	...	...
Value ... do....	[1]179.1	167.4	150.4	171.5	147.3	171.3	179.6	162.7	188.3	166.2	174.7	156.5	154.0	...	...	...
Shipping Weight and Value																
Waterborne trade:																
Exports (incl. reexports):																
Shipping weight ... thous. sh. tons..	[1]406,796	...	32,880	37,243	37,240	37,178	37,012	31,425	29,224	31,778	34,234	32,472	...	...	...	...
Value ... mil. $..	[1]123,495	...	9,856	11,113	10,237	10,299	10,514	9,080	8,894	9,061	9,402	8,923	...	...	...	...
General imports:																
Shipping weight ... thous. sh. tons..	[1]464,420	...	27,342	28,615	26,025	27,300	34,464	33,829	37,436	30,598	34,515	27,291	...	...	...	...
Value ... mil. $..	[1]177,059	...	11,465	12,995	11,010	13,170	13,875	12,924	15,605	12,426	13,532	11,552	...	...	...	...
TRANSPORTATION AND COMMUNICATION																
TRANSPORTATION																
Air Carriers (Scheduled Service)																
Certificated route carriers:																
Passenger-miles (revenue) ... bil..	248.89	258.96	17.65	21.71	21.58	21.52	23.67	25.16	25.82	20.12	20.94	19.20	20.92	...	...	...
Passenger-load factor ... percent..	58.6	59.0	55.3	60.7	61.2	58.4	63.6	63.0	64.0	54.9	56.4	55.9	57.8	...	...	...
Ton-miles (revenue), total ... mil..	31,949	32,754	2,280	2,768	2,715	2,725	2,910	3,094	3,153	2,583	2,716	2,527	2,717	...	...	...
Operating revenues (quarterly) # § ... mil. $..	36,502	...	...	8,415	...	...	9,222	...	...	9,834	...	...	...	...	...	...
Passenger revenues ... do....	30,579	...	...	7,039	...	...	7,767	...	...	8,317	...	...	...	...	...	...
Cargo revenues ... do....	2,480	...	...	556	...	...	602	...	...	601	...	...	...	...	...	...
Mail revenues ... do....	675	...	...	172	...	...	171	...	...	165	...	...	...	...	...	...
Operating expenses (quarterly) § ... do....	[2]36,922	...	...	9,046	...	...	9,063	...	...	8,479	...	...	...	...	...	...
Net income after taxes (quarterly) § ... do....	533	...	...	–689	...	...	43	...	...	172	...	...	...	...	...	...
Domestic operations:																
Passenger-miles (revenue) ... bil..	198.72	209.54	14.80	18.29	17.76	17.26	18.97	19.79	20.23	15.61	16.75	15.95	17.34	[5]15.03	[5]14.44	[5]18.61
Cargo ton-miles ... mil..	3,350	3,026	230	269	249	257	250	254	258	254	270	258	253	...	...	...
Mail ton-miles ... do....	998	1,004	77	87	85	82	77	79	77	80	84	78	117	...	...	...
Operating revenues (quarterly) § ... mil. $..	[2]29,014	...	...	6,832	...	...	7,350	...	...	7,604	...	...	...	...	...	...
Operating expenses (quarterly) § ... do....	29,277	...	...	7,373	...	...	7,231	...	...	7,431	...	...	...	...	...	...
Net income after taxes (quarterly) § ... do....	[2]–360	...	...	–501	...	...	31	...	...	65	...	...	...	...	...	...
International operations:																
Passenger-miles (revenue) ... bil..	50.17	49.43	2.85	3.42	3.83	4.26	4.70	5.36	5.59	4.51	4.91	3.25	3.57	...	...	...
Cargo ton-miles ... mil..	2,335	2,430	180	208	191	202	185	214	203	205	235	233	208	...	...	...
Mail ton-miles ... do....	376	399	29	33	32	32	31	32	32	31	34	36	47	...	...	...
Operating revenues (quarterly) § ... mil. $..	[2]6,390	...	...	1,366	...	...	1,601	...	...	1,912	...	...	...	...	...	...
Operating expenses (quarterly) § ... do....	[2]6,595	...	...	1,444	...	...	1,574	...	...	1,777	...	...	...	...	...	...
Net income after taxes (quarterly) § ... do....	–186	...	...	–94	...	...	13	...	...	83	...	...	...	...	...	...
Urban Transit Systems																
Passengers carried, total ... mil..	7,948	7,714	623	720	650	636	645	584	631	636	678	654	654	...	...	...
Motor Carriers																
Carriers of property, large, class I, qtrly.: @																
Number of reporting carriers	100	...	...	100	...	...	100	...	...	100	...	...	...	...	...	...
Operating revenues, total ... mil. $..	16,489	...	...	3,587	...	...	3,910	...	...	3,937	...	...	...	...	...	...
Net income, after extraordinary and prior period charges and credits ... mil. $..	199	...	...	48	...	...	58	...	...	48	...	...	...	...	...	...
Tonnage hauled (revenue), common and contract carrier service ... mil. tons..	182	...	...	39	...	...	41	...	...	40	...	...	...	...	...	...
Freight carried—volume indexes, class I and II intercity truck tonnage (ATA):																
Common and contract carriers of property (qtrly.) ... average same period, 1967=100..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Common carriers of general freight, seas. adj. ... 1967=100..	147.0	128.9	132.1	128.8	130.9	132.3	132.4	130.9	132.5	29.7	125.1	121.3	121.8	126.4	[p]125.3	...
Class I Railroads ‡																
Financial operations, qtrly. (AAR), excl. Amtrak:																
Operating revenues, total # ... mil. $..	30,904	[2]27,507	...	7,190	...	...	7,222	...	...	6,612	...	...	6,482	...	...	...
Freight ... do....	28,925	[2]25,627	...	6,707	...	...	6,746	...	...	6,148	...	...	6,026	...	...	...
Passenger, excl. Amtrak ... do....	535	[2]571	...	142	...	...	145	...	...	145	...	...	139	...	...	...
Operating expenses ... do....	[2]28,560	[2]26,473	...	6,821	...	...	6,821	...	...	6,500	...	...	6,331	...	...	...
Net railway operating income ... do....	[2]1,386	[2]767	...	204	...	...	265	...	...	114	...	...	184	...	...	...
Ordinary income ... do....	[3]1,922	[3]1,202	...	216	...	...	340	...	...	161	...	...	436	...	...	...
Traffic:																
Ton-miles of freight (net), total, qtrly ... bil..	911.7	799.6	...	207.4	...	...	208.0	...	...	190.9	...	...	193.8	...	...	...
Revenue ton-miles, qtrly. (AAR) ... do....	911.9	799.6	...	207.4	...	...	208.0	...	...	190.9	...	...	193.8	[4]14.0	[4]15.2	...
Price index for railroad freight ... 1969=100..	327.6	351.4	350.6	350.5	351.2	351.4	351.5	352.0	352.0	351.9	351.8	351.9	352.1	355.2	355.4	355.3
Travel																
Hotels and motor-hotels:																
Restaurant sales index ... same month 1967=100..	194	196	185	207	204	200	215	212	191	188	[r]210	[r]190	195	...	...	...
Hotels: Average room sale ¶ ... dollars..	56.39	61.71	63.37	63.96	62.44	62.00	60.82	58.66	59.17	61.34	64.28	61.87	62.28	...	...	...
Rooms occupied ... % of total..	68	63	45	71	68	68	68	64	65	63	70	62	49	...	...	...
Motor-hotels: Average room sale ¶ ... dollars..	38.31	41.16	40.97	41.79	41.41	41.30	41.02	43.15	41.77	41.89	41.26	39.19	39.94	...	...	...
Rooms occupied ... % of total..	67	64	56	71	70	66	72	72	72	62	65	58	49	...	...	...
Foreign travel:																
U.S. citizens: Arrivals (quarterly) ... thous..	8,905	9,237	...	2,051	...	...	2,349	...	...	2,909	[4]795	[4]600	[4]573	746	...	...
Departures (quarterly) ... do....	9,978	9,833	...	2,192	...	...	2,800	...	...	3,063	[4]762	[4]623	[4]647	632	...	...
Aliens: Arrivals (quarterly) ... do....	11,976	10,836	...	2,381	...	...	2,722	...	...	3,442	[4]838	[4]686	[4]797	779	...	...
Departures (quarterly) ... do....	9,933	8,704	...	1,931	...	...	2,233	...	...	2,829	[4]737	[4]602	[4]579	566	...	...
Passports issued ... do....	3,222	3,664	260	271	395	371	496	382	305	236	223	228	288	384	314	[p]456
National parks, visits ... do....	62,237	...	2,084	2,691	3,528	5,251	8,136	11,043	10,535	7,018	5,532	2,890	2,098	...	...	...

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	1981	1982	1982											1983		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
TRANSPORTATION AND COMMUNICATION—Continued																
COMMUNICATION																
Telephone carriers:																
Operating revenues # ... mil. $..	r66,499	73,808	5,802	6,163	6,128	6,080	6,238	6,225	6,329	6,291	6,327	6,310	6,005	...	...	...
Station revenues ... do....	28,117	r31,678	2,515	2,552	2,604	2,591	2,660	2,665	2,679	2,712	2,736	2,745	2,730	...	...	...
Tolls, message ... do....	r26,507	28,099	2,163	2,468	2,348	2,321	2,379	2,348	2,428	2,338	2,334	2,308	2,342	...	...	...
Operating expenses (excluding taxes) ... do....	r44,593	51,269	3,944	4,304	4,229	4,216	4,315	4,292	4,189	4,366	4,417	4,481	4,592	...	...	...
Net operating income (after taxes) ... do....	r11,910	11,951	987	996	1,011	998	1,037	1,059	1,148	987	986	961	740	...	...	...
Phones in service, end of period ... mil..	164.9	157.8	164.4	164.1	164.3	164.1	162.7	162.2	161.7	161.4	160.8	159.5	157.8	...	...	...
Telegraph carriers:																
Domestic:																
Operating revenues ... mil. $..	779.2	609.2	64.3	70.3	66.9	68.1	70.0	68.4	69.1	66.9	66.5	66.2	68.3	...	...	...
Operating expenses ... do....	623.8	678.6	52.2	55.3	54.0	55.4	55.8	56.6	59.2	69.6	54.3	56.4	58.0	...	...	...
Net operating revenues (before taxes) ... do....	112.7	86.7	8.4	10.5	9.4	9.0	10.6	8.2	6.5	-7.0	8.4	6.1	7.9	...	...	...
Overseas, total:																
Operating revenues ... do....	578.0	607.9	48.8	54.7	50.5	50.9	53.8	48.2	50.0	51.9	50.3	50.2	49.9	...	...	...
Operating expenses ... do....	436.2	495.6	38.3	39.9	38.9	41.2	41.7	40.2	42.0	43.1	42.6	42.9	45.8	...	...	...
Net operating revenues (before taxes) ... do....	117.0	83.3	8.4	12.6	9.3	7.5	9.0	5.8	5.5	4.0	5.3	4.5	3.9	...	...	...
CHEMICALS AND ALLIED PRODUCTS																
CHEMICALS																
Inorganic Chemicals																
Production:																
Aluminum sulfate, commercial (17% Al_2O_3) ‡ thous. sh. tons..	r1,294	r1,183	101	118	95	91	111	94	111	99	84	96	r96	83	...	...
Chlorine gas (100% Cl_2) ‡ ... do....	r10,767	r9,136	786	815	828	794	782	783	698	684	756	734	r708	804	...	...
Hydrochloric acid (100% HCl) ‡ ... do....	r2,502	2,490	227	251	218	215	225	198	199	183	193	189	182	204	...	...
Phosphorus, elemental ‡ ... do....	426	361	27	34	33	31	31	31	26	29	31	30	28	24	...	...
Sodium hydroxide (100% NaOH) ‡ ... do....	r10,414	9,225	767	801	837	807	786	794	731	696	768	752	722	843	...	...
Sodium silicate, anhydrous ‡ ... do....	r788	r650	64	62	64	51	54	44	54	53	56	59	r41	48	...	...
Sodium sulfate, anhydrous ‡ ... do....	r1,077	895	84	81	74	73	72	71	74	70	72	68	74	74	...	...
Sodium tripolyphosphate (100% $Na_5P_3O_{10}$) ‡ ... do....	r696	630	56	57	48	53	55	41	54	51	56	55	52	61	...	...
Titanium dioxide (composite and pure) ‡ ... do....	r761	r635	58	56	55	53	51	53	52	58	51	54	r50	49	...	...
Sulfur, native (Frasch) and recovered:																
Production ... thous. lg. tons..	1 10,440	r1 8,478	718	808	755	726	687	686	685	651	643	658	663	r639	572	...
Stocks (producers') end of period ... do....	3,577	r4,136	3,697	3,775	3,911	4,152	4,195	4,231	4,202	4,229	4,160	4,199	r4,136	r4,074	3,957	...
Inorganic Fertilizer Materials																
Production:																
Ammonia, synthetic anhydrous ‡ thous. sh. tons..	19,043	r15,500	1,296	1,434	1,498	1,523	1,356	1,203	1,173	1,196	1,167	1,137	r1,156	1,112	...	...
Ammonium nitrate, original solution ‡ ... do....	8,791	r7,331	680	812	701	664	573	490	515	516	559	564	r552	583	...	...
Ammonium sulfate ‡ ... do....	4 1,642	r1,789	159	164	174	154	156	161	146	141	145	125	r128	5 121	...	...
Nitric acid (100% HNO_3) ‡ ... do....	9,039	r7,588	692	822	716	664	585	524	543	558	608	614	r580	626	...	...
Nitrogen solutions (100% N) ‡ ... do....	4 2,951	r5 2,427	4 202	4 258	4 244	4 268	4 230	4 211	5 185	4 211	5 134	5 151	r5 137	5 147	...	...
Phosphoric acid (100% P_2O_5) ‡ ... do....	9,914	r8,524	672	748	663	640	673	696	760	749	802	682	r780	741	...	...
Sulfuric acid (100% H_2SO_4) ‡ ... do....	40,795	r31,953	2,625	2,818	2,612	2,443	2,462	2,551	2,703	2,772	2,894	2,714	r2,721	2,836	...	...
Superphosphate and other phosphatic fertilizers (100% P_2O_5):																
Production ... thous. sh. tons..	3 16,903	r13,139	1,213	1,240	983	857	967	1,065	1,184	1,230	1,258	966	r1,048	1,223	...	...
Stocks, end of period ... do....	3 1,068	r892	1,306	1,317	1,200	929	917	998	926	909	881	883	r892	858	...	...
Potash, deliveries (K_2O) ¶ ... do....	6,478	5,186	396	417	618	552	375	340	517	389	358	313	495	r431	386	...
Exports, total # ... do....	22,391	20,340	1,637	2,031	1,582	1,736	1,811	1,872	1,734	1,756	1,580	1,912	1,193	2,504	1,755	...
Nitrogenous materials ... do....	2,834	2,648	212	274	259	244	251	317	148	229	207	139	125	122	131	...
Phosphate materials ... do....	13,308	11,997	1,135	1,309	992	1,022	911	933	979	1,013	982	1,177	684	1,714	1,124	...
Potash materials ... do....	1,203	1,218	30	106	37	109	142	146	139	158	64	172	55	125	27	...
Imports:																
Ammonium nitrate ... do....	264	262	16	18	33	51	29	19	16	16	17	15	12	26	16	...
Ammonium sulfate ... do....	327	319	24	34	51	23	30	20	5	25	33	28	25	54	13	...
Potassium chloride ... do....	8,601	7,154	552	582	722	664	483	599	643	504	661	489	584	674	461	...
Sodium nitrate ... do....	159	131	0	21	9	22	19	5	18	(2)	0	15	9	0	0	...
Industrial Gases																
Production:																
Acetylene ‡ ... mil. cu. ft....	5,161	3,946	376	509	435	406	288	317	284	271	257	253	254	237	...	...
Carbon dioxide, liquid, gas, and solid thous. sh. tons..	5 3,813	r5 3,687	5 286	5 334	5 297	5 317	5 333	5 330	5 325	5 295	5 312	5 297	r5 300	5 291	...	...
Hydrogen (high and low purity) ‡ ... mil. cu. ft..	103,278	r91,305	7,692	7,893	7,597	7,679	7,637	7,773	7,515	7,276	8,014	7,191	r7,849	7,929	...	...
Nitrogen (high and low purity) ‡ ... do....	490,285	r483,781	38,194	41,591	39,063	39,142	40,833	41,133	42,247	40,190	41,163	39,330	r40,150	40,713	...	...
Oxygen (high and low purity) ‡ ... do....	430,610	r357,943	31,399	35,306	31,483	30,689	30,678	30,044	28,742	27,241	27,419	27,109	r26,006	27,466	...	...
Organic Chemicals §																
Production:																
Acetylsalicylic acid (aspirin) ... mil. lb..	1 29.7	1 22.6	2.4	2.7	2.2	2.0	1.4	1.6	1.7	...	2.0	...	...	...	...	...
Creosote oil ... mil. gal..	1 81.9	1 81.0	6.4	8.2	...	8.5	...	5.8	5.7	6.6	4.3	...	...	...	...	...
Ethyl acetate (85%) ... mil. lb..	1 277.1	1 232.6	11.0	24.8	24.0	24.3	19.9	19.7	18.8	19.2	12.9	10.3	18.7	...	...	...
Formaldehyde (37% HCHO) ... do....	1 5,720.7	1 4,691.1	379.0	398.4	443.8	402.3	368.2	334.7	391.3	394.6	427.5	382.4	307.0	...	...	...
Glycerin, refined, all grades ... do....	299.1	229.5	18.6	20.4	22.8	19.2	18.7	20.4	16.4	18.7	21.5	21.5	13.8	r23.7	22.9	...
Methanol, synthetic ... mil. gal..	1 1,291.7	1 1,094.1	85.8	109.8	110.9	95.6	104.2	97.4	76.7	77.3	94.3	83.2	97.1	...	...	...
Phthalic anhydride ... mil. lb..	1 869.5	1 691.0	42.1	75.6	64.7	68.5	53.7	57.2	48.0	69.0	54.4	58.7	48.0	...	...	...
ALCOHOL																
Ethyl alcohol and spirits:																
Production ... mil. tax gal..	571.2	601.1	39.8	48.2	37.6	41.9	52.6	51.9	44.3	53.3	61.9	61.6	65.0	...	...	...
Stocks, end of period ... do....	r83.3	82.1	81.6	72.8	64.0	57.5	58.0	59.9	55.7	49.1	48.1	45.5	82.1	...	...	...
Denatured alcohol:																
Production ... mil. wine gal..	r230.7	282.5	17.2	22.4	19.9	20.3	21.9	23.5	22.1	25.6	23.7	31.9	35.3	...	...	...
Consumption (withdrawals) ... do....	r226.0	274.6	15.2	22.8	18.5	20.2	21.7	22.4	23.2	25.5	23.6	28.8	34.6	...	...	...
Stocks, end of period ... do....	r5.4	6.5	6.2	4.8	4.8	4.5	4.7	5.1	4.0	4.0	3.9	5.7	6.5	...	...	...

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	1981	1982	1982											1983		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
CHEMICALS AND ALLIED PRODUCTS—Continued																
PLASTICS AND RESIN MATERIALS																
Production:																
Phenolic resins ... mil. lb..	[1]1,688.0	[1]1,209.8	100.7	101.5	103.7	102.5	102.7	89.7	91.8	101.1	107.0	93.4	91.3	...	...	...
Polyethylene and copolymers ... do....	[1]12,603.6	[1]12,208.9	845.8	1,012.5	955.5	942.3	944.7	974.4	1,053.7	1,053.7	998.4	1,020.1	1,083.4	...	...	...
Polypropylene ... do....	[1]4,007.8	[1]3,551.8	304.5	347.9	321.8	287.8	271.6	261.0	273.1	280.4	287.5	311.0	286.4	...	...	...
Polystyrene and copolymers ... do....	[1]5,915.2	[1]5,060.0	397.5	432.8	414.4	435.4	422.2	432.1	441.1	460.5	434.0	421.1	352.1	...	...	...
Polyvinyl chloride and copolymers ... do....	[1]5,618.4	[1]5,370.7	384.5	436.9	426.2	491.4	490.5	374.3	408.5	481.0	454.9	452.4	405.5	...	...	...
MISCELLANEOUS PRODUCTS																
Explosives (industrial), shipments, quarterly ... mil. lb..	3,003.6	2,514.9	...	687.0	...	...	675.1	...	...	582.9	...	...	569.9	...	...	...
Paints, varnish, and lacquer, shipments:																
Total shipments ... mil. $..	8,395.7	[r]8,299.3	579.9	711.7	741.0	791.2	835.1	744.9	798.2	773.8	656.4	589.0	[r]533.2	607.6	...	...
Architectural coatings ... do....	3,968.9	[r]4,051.7	274.2	355.5	362.9	415.9	433.6	390.7	408.7	379.3	302.4	254.7	[r]239.1	269.5	...	...
Product finishes (OEM) ... do....	2,737.2	[r]2,548.3	196.3	219.8	220.3	222.8	235.4	204.0	222.6	234.4	206.4	202.5	[r]181.8	219.6	...	...
Special purpose coatings ... do....	1,689.5	[r]1,699.3	109.4	136.4	157.9	152.5	166.1	150.2	166.9	160.1	147.6	131.8	[r]112.3	118.5	...	...
ELECTRIC POWER AND GAS																
ELECTRIC POWER																
Production:																
Electric utilities, total ... mil. kw.-hr..	2,294,812	2,242,047	180,310	187,662	172,588	177,261	186,204	210,543	205,656	180,662	172,967	173,377	184,718	...	...	...
By fuels ... do....	2,034,129	1,932,549	153,614	157,784	144,661	149,199	158,178	183,131	181,768	160,766	153,216	150,080	156,962	...	...	...
By waterpower ... do....	260,684	309,498	26,698	29,879	27,928	28,063	28,027	27,412	23,888	19,896	19,751	23,297	27,756	...	...	...
Sales to ultimate customers, total (Edison Electric Institute) ‡ ... mil. kw.-hr..	2,153,796	...	...	[3]542,662	...	...	512,758	...	...	563,084	...	...	...	...	...	...
Commercial § ... do....	541,426	...	...	[3]137,466	...	...	133,118	...	...	151,910	...	...	...	...	...	...
Industrial § ... do....	799,885	...	...	[3]185,625	...	...	188,374	...	...	193,918	...	...	...	...	...	...
Railways and railroads ... do....	4,091	...	...	[3]1,059	...	...	1,006	...	...	1,038	...	...	...	...	...	...
Residential or domestic ... do....	735,724	...	...	[3]204,112	...	...	171,862	...	...	198,141	...	...	...	...	...	...
Street and highway lighting ... do....	14,975	...	...	[3]3,936	...	...	3,458	...	...	3,633	...	...	...	...	...	...
Other public authorities ... do....	51,055	...	...	[3]12,938	...	...	13,358	...	...	12,901	...	...	...	...	...	...
Interdepartmental ... do....	6,640	...	...	[3]1,527	...	...	1,581	...	...	1,543	...	...	...	...	...	...
Revenue from sales to ultimate customers (Edison Electric Institute) ‡ ... mil. $..	111,584	...	...	[3]30,513	...	...	29,440	...	...	33,485	...	...	...	...	...	...
GAS																
Total utility gas, quarterly (American Gas Association):																
Customers, end of period, total ... thous..	47,859	...	...	48,352	...	...	48,253	...	...	47,894	...	...	...	...	...	...
Residential ... do....	44,059	...	...	44,466	...	...	44,405	...	...	44,116	...	...	...	...	...	...
Commercial ... do....	3,563	...	...	3,644	...	...	3,613	...	...	3,546	...	...	...	...	...	...
Industrial ... do....	189	...	...	194	...	...	187	...	...	184	...	...	...	...	...	...
Other ... do....	48	...	...	49	...	...	48	...	...	48	...	...	...	...	...	...
Sales to customers, total ... tril. Btu..	15,338	...	...	5,332	...	...	3,051	...	...	2,399	...	...	...	...	...	...
Residential ... do....	4,573	...	...	2,279	...	...	876	...	...	405	...	...	...	...	...	...
Commercial ... do....	2,357	...	...	1,078	...	...	459	...	...	285	...	...	...	...	...	...
Industrial ... do....	8,165	...	...	1,875	...	...	1,674	...	...	1,670	...	...	...	...	...	...
Other ... do....	243	...	...	100	...	...	42	...	...	39	...	...	...	...	...	...
Revenue from sales to customers, total ... mil. $..	56,478	...	...	22,859	...	...	13,348	...	...	10,789	...	...	...	...	...	...
Residential ... do....	19,208	...	...	10,449	...	...	4,408	...	...	2,395	...	...	...	...	...	...
Commercial ... do....	9,267	...	...	4,787	...	...	2,162	...	...	1,409	...	...	...	...	...	...
Industrial ... do....	27,276	...	...	7,272	...	...	6,607	...	...	6,832	...	...	...	...	...	...
Other ... do....	727	...	...	351	...	...	172	...	...	152	...	...	...	...	...	...
FOOD AND KINDRED PRODUCTS; TOBACCO																
ALCOHOLIC BEVERAGES																
Beer:																
Production ... mil. bbl..	193.69	196.21	15.00	17.65	17.62	18.22	18.19	17.17	19.50	15.64	15.07	13.65	13.31	14.77	...	...
Taxable withdrawals ... do....	176.70	176.58	12.91	15.68	15.82	16.56	17.22	16.10	16.26	14.88	13.83	13.14	12.27	12.79	...	...
Stocks, end of period ... do....	12.95	13.22	14.93	16.32	15.83	15.59	15.28	14.45	14.31	13.99	14.00	13.43	13.22	13.89	...	...
Distilled spirits (total):																
Production ... mil. tax gal..	152.03	137.83	12.34	15.28	13.59	10.98	10.83	6.85	6.57	10.50	14.68	13.95	11.24	...	...	...
Consumption, apparent, for beverage purposes ‡ ... mil. wine gal..	[2]449.45	[4]437.66	30.22	35.69	36.13	33.29	[r]37.20	33.47	32.74	34.93	36.33	43.13	51.68	...	...	...
Stocks, end of period ‡ ... mil. tax gal..	[r]613.78	604.43	608.32	618.40	621.06	616.72	616.84	614.96	565.60	604.93	605.53	603.68	604.43	...	...	...
Imports ... mil. proof gal..	117.93	106.02	6.33	5.82	7.98	9.12	10.86	7.29	8.95	9.87	12.75	11.75	8.29	12.41	4.90	...
Whisky:																
Production ‡ ... mil. tax gal..	[r]96.68	90.96	8.88	10.32	10.20	7.54	7.81	4.94	4.57	6.66	8.31	7.73	6.63	...	...	...
Stocks, end of period ‡ ... do....	541.07	533.39	543.22	545.29	547.76	547.25	545.48	544.59	501.07	539.59	536.00	533.69	533.39	...	...	...
Imports ... mil. proof gal..	86.53	76.60	4.65	4.06	5.91	6.88	8.09	5.40	5.88	7.19	9.89	8.18	5.54	9.59	3.02	...
Wines and distilling materials:																
Effervescent wines:																
Production ... mil. wine gal..	30.73	30.78	1.89	2.06	1.92	2.18	2.92	2.51	3.11	3.39	3.77	2.70	2.50	...	...	...
Taxable withdrawals ... do....	27.27	29.03	1.12	1.93	1.62	2.57	1.98	1.21	2.17	1.90	6.55	2.85	3.99	...	...	...
Stocks, end of period ... do....	11.53	13.15	13.09	13.23	13.59	13.36	13.65	15.52	15.56	16.52	14.64	14.02	13.15	...	...	...
Imports ... do....	7.66	8.35	0.33	0.45	0.52	0.67	0.70	0.52	0.67	0.71	0.81	1.13	1.29	1.01	0.51	...
Still wines:																
Production ‡ ... do....	466.23	554.01	6.03	7.07	4.87	3.81	4.97	5.18	29.96	162.79	229.61	72.07	23.64	...	...	...
Taxable withdrawals ‡ ... do....	363.64	396.21	25.63	35.16	30.03	28.62	30.96	25.76	29.17	27.10	34.14	71.06	29.58	...	...	...
Stocks, end of period ‡ ... do....	604.41	695.27	557.53	523.86	492.03	467.53	435.01	408.23	395.40	512.20	702.10	705.62	695.27	...	...	...
Imports ... do....	107.60	113.78	6.49	7.81	8.16	9.45	10.61	8.83	9.99	9.93	9.13	11.94	11.47	12.42	7.78	...
Distilling materials produced at wineries ... do....	188.20	190.23	2.87	4.04	11.35	1.37	2.08	1.86	11.68	43.17	71.36	27.96	9.61	...	...	...

See footnotes at end of tables.

FOOD AND KINDRED PRODUCTS; TOBACCO—Continued

Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	1981	1982	1982											1983		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
DAIRY PRODUCTS																
Butter, creamery:																
Production (factory) @ ... mil. lb..	1,228.2	1,258.8	116.8	123.4	...	...	[8]332.9	...	...	262.2	...	...	295.1	[9]133.9	120.7	...
Stocks, cold storage, end of period ... do....	429.2	466.8	440.4	447.8	...	...	[8]541.6	...	...	510.0	...	...	466.8	[9]485.4	524.7	...
Price, wholesale, 92 score (N.Y.) ... $ per lb..	[1]1.535	([7])	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cheese:																
Production (factory), total @ ... mil. lb..	4,229.0	4,432.0	325.8	376.3	...	...	[8]1,178.8	...	...	1,099.5	...	...	1,104.6	[9]374.9	352.6	...
American, whole milk @ ... do....	2,608.5	2,692.7	204.9	232.2	...	...	[8]740.9	...	...	662.5	...	...	633.8	[9]233.2	216.3	...
Stocks, cold storage, end of period ... do....	709.6	963.5	696.4	722.4	...	...	[8]803.9	...	...	864.3	...	...	963.5	[9]1,015.5	1,071.3	...
American, whole milk ... do....	623.0	880.8	622.6	641.6	...	...	[8]712.3	...	...	765.1	...	...	880.8	[9]928.2	984.0	...
Imports ... do....	247.7	269.3	11.8	15.7	16.8	18.8	20.6	18.2	22.7	25.6	24.6	28.7	46.8	24.4	17.5	...
Price, wholesale, cheddar, single daisies (Chicago) ... $ per lb..	1.672	1.684	1.684	1.684	1.684	1.684	1.684	1.684	1.684	1.683	1.686	1.686	1.686	1.680	1.666	1.666
Condensed and evaporated milk:																
Production, case goods @ ... mil. lb..	757.9	738.5	53.6	61.5	...	...	[8]195.0	...	...	185.6	...	...	184.6	[9]54.5	51.7	...
Stocks, manufacturers', case goods, end of period ... mil. lb..	46.0	51.9	40.7	47.7	...	...	[8]89.1	...	...	103.3	...	...	51.9	[9]51.4	51.4	...
Exports ... do....	34.9	19.3	5.0	1.2	1.8	1.8	2.5	2.4	0.6	0.5	0.3	0.3	0.6	0.1	0.2	...
Fluid milk:																
Production on farms ‡ ... do....	133,013	135,795	10,391	11,728	...	...	[8]35,723	...	...	33,983	...	...	32,854	[9]11,292	10,627	...
Utilization in mfd. dairy products @ ... do....	76,004	78,371	6,099	6,945	...	...	[8]21,419	...	...	19,431	...	...	18,107	6,760	...	...
Price, wholesale, U.S. average ... $ per 100 lb..	13.80	13.55	13.80	13.60	13.40	13.20	13.10	13.20	13.20	13.50	13.80	14.00	13.90	13.80	13.80	[p]13.70
Dry milk:																
Production:																
Dry whole milk @ ... mil. lb..	92.7	101.7	8.0	9.4	...	...	[8]29.2	...	...	21.4	...	...	24.5	[9]8.5	7.6	...
Nonfat dry milk (human food) @ ... do....	1,314.3	1,397.2	107.2	125.3	...	...	[8]417.2	...	...	346.7	...	...	296.8	[9]117.7	115.7	...
Stocks, manufacturers', end of period:																
Dry whole milk ... do....	6.0	6.0	6.9	6.9	...	...	[8]9.6	...	...	7.3	...	...	6.0	[9]5.0	3.8	...
Nonfat dry milk (human food) ... do....	86.7	93.3	94.5	94.4	...	...	[8]127.5	...	...	89.8	...	...	93.3	[9]84.4	92.5	...
Exports, whole and nonfat (human food) ... do....	198.0	187.8	12.6	17.4	11.4	18.2	20.4	23.1	16.7	13.7	12.1	22.4	10.4	19.5	2.9	...
Price, manufacturers' average selling, nonfat dry milk (human food) ... $ per lb..	0.939	[1]0.936	0.936	0.937	...	...	...	...	...	...	...	...	...	[10]0.940	0.942	...
GRAIN AND GRAIN PRODUCTS																
Exports (barley, corn, oats, rye, wheat) ... mil. bu..	3,918.3	3,524.8	299.5	360.9	353.7	339.4	344.8	243.7	248.5	245.8	268.7	269.1	264.9	329.4	318.2	...
Barley:																
Production (crop estimate) ¶ ... do....	[2]479.3	[2]522.4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Stocks (domestic), end of period, total ‡ ... do....	333.1	418.7	...	226.9	...	[4]149.7	...	...	...	501.4	...	...	418.7	...	...	...
On farms ‡ ... do....	231.2	293.9	...	147.5	...	[4]94.1	...	...	...	353.4	...	...	293.9	...	...	...
Off farms ... do....	101.9	124.8	...	79.4	...	[4]55.7	...	...	...	148.0	...	...	124.8	...	...	...
Exports, including malt § ... do....	95.9	66.4	8.2	6.5	3.9	7.5	6.3	4.9	8.6	5.7	1.5	3.0	1.9	7.6	1.5	...
Corn:																
Production (crop estimate, grain only) ¶ .. mil. bu..	[2]8,201.6	[2]8,397.3	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Stocks (domestic), end of period, total ‡ ... do....	6,967.7	8,422.7	...	5,131.8	...	[3]3,904.1	...	...	...	[5]2,285.9	...	...	8,422.7	...	...	...
On farms ‡ ... do....	5,033.8	6,156.9	...	3,625.9	...	[3]2,758.5	...	...	...	[5]1,356.0	...	...	6,156.9	...	...	...
Off farms ... do....	1,933.8	2,265.8	...	1,505.9	...	[3]1,145.6	...	...	...	[5]929.9	...	...	2,265.8	...	...	...
Exports, including meal and flour ... do....	2,159.3	1,924.9	147.2	189.3	195.0	212.4	179.8	119.8	112.8	107.4	166.5	169.8	173.8	174.9	161.5	...
Oats:																
Production (crop estimate) ¶ ... mil. bu..	[2]509.2	[2]617.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Stocks (domestic), end of period, total ‡ ... do....	365.2	473.6	...	236.9	...	[4]152.0	...	...	...	581.3	...	...	473.6	...	...	...
On farms ‡ ... do....	314.1	397.9	...	200.5	...	[4]127.2	...	...	...	486.0	...	...	397.9	...	...	...
Off farms ... do....	51.1	75.7	...	36.3	...	[4]24.8	...	...	...	95.3	...	...	75.7	...	...	...
Exports, including oatmeal ... do....	12.8	5.8	0.3	0.6	0.8	0.6	0.8	0.3	0.3	0.3	0.8	0.2	0.3	0.1	0.2	...
Price, wholesale, No. 2, white (Minneapolis) $ per bu..	([7])	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rice:																
Production (crop estimate) ... mil. bags #..	[2]182.7	[2]154.2	...	...	...	...	...	...	...	...	...	...	...	...	...	...
California mills:																
Receipts, domestic, rough ... mil. lb..	3,359	2,986	184	221	202	204	77	723	225	76	505	346	139	140	189	...
Shipments from mills, milled rice ... do....	2,267	1,619	62	76	129	210	279	161	332	110	81	63	47	103	162	...
Stocks, rough and cleaned (cleaned basis), end of period ... mil. lb..	510	503	550	628	639	577	356	344	174	108	369	462	503	491	428	...
Southern States mills (Ark., La., Tenn., Tex.):																
Receipts, rough, from producers ... mil. lb..	10,821	11,482	683	784	702	552	406	434	1,198	3,278	1,507	714	720	588	712	...
Shipments from mills, milled rice ... do....	7,354	7,020	564	685	662	602	583	505	559	615	541	542	550	403	569	...
Stocks, domestic, rough and cleaned (cleaned basis), end of period ... mil. lb..	2,763	3,170	2,300	2,132	1,868	1,610	1,308	1,012	1,270	2,826	3,276	3,232	3,170	3,186	3,064	...
Exports ... do....	6,801	5,516	515	399	487	661	538	370	809	320	431	199	307	241	316	...
Price, wholesale, No. 2, medium grain (Southwest Louisiana) ... $ per lb..	0.256	0.166	0.175	0.160	0.158	0.165	0.163	0.160	0.165	0.165	0.165	0.155	0.180	0.170	0.165	0.165
Rye:																
Production (crop estimate) ¶ ... mil. bu..	[2]18.8	[2]20.8	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Stocks (domestic), end of period ‡ ... do....	7.9	10.9	...	5.8	...	[4]3.1	...	...	...	16.5	...	...	10.9	...	...	...
Wheat:																
Production (crop estimate), total ¶ ... mil. bu..	[2]2,799	[2]2,809	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Spring wheat ¶ ... do....	[2]695	[2]700	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Winter wheat ¶ ... do....	[2]2,104	[2]2,108	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Distribution, quarterly @@ ... do....	2,526	2,472	...	622	...	...	[6]394	...	...	[6]987	...	...	469	...	...	...
Stocks (domestic), end of period, total ‡ ... do....	2,178.0	2,521.4	...	1,557.1	...	[4]1,163.9	...	...	...	2,987.1	...	...	2,521.4	...	...	...
On farms ‡ ... do....	955.6	1,167.4	...	748.4	...	[4]581.0	...	...	...	1,421.0	...	...	1,167.4	...	...	...
Off farms ... do....	1,222.4	1,354.0	...	808.7	...	[4]582.9	...	...	...	1,566.0	...	...	1,354.0	...	...	...
Exports, total, including flour ... do....	1,647.7	1,527.5	143.8	164.5	154.1	118.9	157.9	118.7	126.8	132.4	99.9	96.0	88.9	146.8	155.0	...
Wheat only ... do....	1,610.8	1,493.6	138.7	159.1	147.4	114.8	155.7	117.9	124.0	130.8	98.5	94.1	88.5	143.1	146.3	...

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	1981	1982	1982											1983		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.

FOOD AND KINDRED PRODUCTS; TOBACCO—Continued

GRAIN AND GRAIN PRODUCTS—Continued																
Wheat flour:																
Production:																
Flour ‡ ..... thous. sacks (100 lb.)..	283,966	284,965	23,553	25,256	22,474	21,886	22,471	23,153	24,669	24,213	24,965	23,867	24,473	24,392	.....	.....
Millfeed ‡ ..... thous. sh. tons..	5,045	r5,136	423	453	403	393	406	424	448	435	450	429	r441	437	.....	.....
Grindings of wheat ‡ ..... thous. bu..	634,381	640,158	52,786	56,663	50,348	49,018	50,215	52,333	55,826	54,340	56,328	53,778	54,783	54,717	.....	.....
Stocks held by mills, end of period thous. sacks (100 lb.)..	3,460	4,276	.....	3,384	.....	.....	3,744	.....	.....	3,563	.....	.....	4,276	.....	.....	.....
Exports ..... do....	15,839	14,518	2,165	2,336	2,858	1,760	944	352	1,196	698	593	824	185	1,587	3,734	.....
Prices, wholesale:																
Spring, standard patent (Minneapolis) $ per 100 lb..	10.844	10.545	10.950	10.738	10.538	10.550	10.500	10.538	10.188	10.475	10.388	10.463	10.450	10.163	10.300	10.753
Winter, hard, 95% patent (Kans. City) ..... do....	[1]10.347	10.600	10.700	10.638	10.425	.....	.....	.....	.....	.....	.....	.....	.....	10.200	.....	.....
POULTRY AND EGGS																
Poultry:																
Slaughter ..... mil. lb..	15,058	r15,146	r1,075	r1,267	r1,227	r1,223	1,360	1,306	1,377	1,364	r1,337	1,270	1,223	r1,221	1,107	.....
Stocks, cold storage (frozen), end of period, total mil. lb..	392	345	374	377	.....	.....	[2]425	.....	.....	565	.....	.....	345	[4]329	313	.....
Turkeys ..... do....	238	204	236	233	.....	.....	[2]282	.....	.....	436	.....	.....	204	[4]194	188	.....
Price, in Georgia producing area, live broilers $ per lb..	0.265	0.250	0.250	0.256	0.235	0.260	0.270	0.270	0.250	0.265	0.230	0.230	0.235	0.240	0.265	0.245
Eggs:																
Production on farms ..... mil. cases §..	194.0	193.6	[2]48.5	.....	.....	48.8	.....	.....	47.9	.....	.....	48.4	.....	[4]16.4	14.8	.....
Stocks, cold storage, end of period:																
Shell ..... thous. cases §..	35	34	19	39	.....	.....	[2]32	.....	.....	29	.....	.....	34	[4]35	25	.....
Frozen ..... mil. lb..	22	25	19	17	.....	.....	[2]23	.....	.....	28	.....	.....	25	[4]28	27	.....
Price, wholesale, large (delivered; Chicago) $ per doz..	0.690	0.668	0.742	0.752	0.683	0.604	0.608	0.617	0.616	0.659	0.668	0.662	0.641	0.602	0.627	0.662
LIVESTOCK																
Cattle and calves:																
Slaughter (federally inspected):																
Calves ..... thous. animals..	2,478	2,729	.....	[2]702	.....	.....	609	.....	.....	692	.....	.....	726	[4]221	204	.....
Cattle ..... do....	32,819	33,907	.....	[2]8,183	.....	.....	8,192	.....	.....	8,770	.....	.....	8,762	[4]2,893	2,554	.....
Prices, wholesale:																
Beef steers (Omaha) ..... $ per 100 lb..	63.84	64.30	63.54	65.80	69.11	72.10	70.18	66.18	65.14	61.25	58.78	58.91	59.82	59.33	61.20	64.03
Steers, stocker and feeder (Kansas City) .... do....	64.26	62.79	62.37	63.96	64.72	66.07	63.70	64.17	66.42	63.55	62.21	61.24	59.17	63.70	66.34	66.71
Calves, vealers (So. St. Paul) ..... do....	77.25	77.70	67.50	71.50	78.00	82.88	85.00	84.84	81.12	84.60	75.00	75.00	78.40	75.88	75.00	75.50
Hogs:																
Slaughter (federally inspected) ..... thous. animals..	87,850	79,328	.....	[2]20,908	.....	.....	20,043	.....	.....	18,310	.....	.....	20,068	[4]6,421	5,762	.....
Prices:																
Wholesale, average, all weights (Sioux City) $ per 100 lb..	44.29	55.21	49.70	49.50	52.16	58.35	59.01	59.70	63.18	63.12	57.27	53.90	55.23	57.24	57.78	51.37
Hog-corn price ratio (bu. of corn equal in value to 100 lb. live hog)	14.9	22.4	19.8	19.8	20.1	21.8	22.4	23.2	26.7	28.6	28.2	24.6	23.7	23.4	r21.9	18.7
Sheep and lambs:																
Slaughter (federally inspected) ..... thous. animals..	5,789	6,273	.....	[2]1,570	.....	.....	1,493	.....	.....	1,577	.....	.....	1,634	[4]509	457	.....
Price, wholesale, lambs, average (Omaha) $ per 100 lb..	52.23	53.98	51.50	59.00	59.50	66.25	60.50	57.25	50.50	50.00	48.25	46.75	48.50	53.50	58.50	59.75
MEATS																
Total meats (excluding lard):																
Production, total ..... mil. lb..	38,675	37,266	.....	[2]9,345	.....	.....	9,097	.....	.....	9,165	.....	.....	9,659	[4]3,151	2,786	.....
Stocks, cold storage, end of period ..... do....	578	554	524	536	.....	.....	[2]504	.....	.....	474	.....	.....	554	[4]573	569	.....
Exports (meat and meat preparations) ..... do....	1,847	1,566	147	124	131	167	147	111	108	112	133	143	115	114	104	.....
Imports (meat and meat preparations) ..... do....	1,832	2,015	106	160	169	167	215	158	234	246	194	124	114	208	177	.....
Beef and veal:																
Production, total ..... do....	22,629	22,789	.....	[2]5,562	.....	.....	5,462	.....	.....	5,837	.....	.....	5,928	[4]1,961	1,738	.....
Stocks, cold storage, end of period ..... do....	266	302	232	220	.....	.....	[2]197	.....	.....	254	.....	.....	302	[4]310	316	.....
Exports ..... do....	486	540	46	44	40	52	49	40	41	42	52	56	43	44	42	.....
Imports ..... do....	1,317	1,446	72	108	130	116	158	113	180	194	146	67	69	153	127	.....
Price, wholesale, beef, fresh, steer carcasses, choice (600-700 lbs.) (Central U.S.) ..... $ per lb..	0.998	1.013	1.012	1.038	1.095	1.151	1.112	1.026	1.008	0.955	0.930	0.929	0.926	0.939	0.966	1.006
Lamb and mutton:																
Production, total ..... mil. lb..	328	356	.....	[2]90	.....	.....	85	.....	.....	88	.....	.....	93	[4]30	27	.....
Stocks, cold storage, end of period ..... do....	11	9	8	9	.....	.....	[2]8	.....	.....	9	.....	.....	9	[4]8	8	.....
Pork (excluding lard):																
Production, total ..... mil. lb..	15,719	14,121	.....	[2]3,693	.....	.....	3,550	.....	.....	3,240	.....	.....	3,638	[4]1,159	1,021	.....
Stocks, cold storage, end of period ..... do....	264	219	246	274	.....	.....	[2]264	.....	.....	183	.....	.....	219	[4]224	215	.....
Exports ..... do....	347	282	25	21	22	42	32	19	18	16	17	22	19	15	18	.....
Imports ..... do....	432	498	30	46	34	43	50	42	45	44	43	51	40	50	42	.....
Prices, wholesale:																
Hams, smoked # ..... Index, 1967=100..	266.5	.....	278.6	282.4	283.7	289.2	299.4	299.6	305.6	327.5	342.7	342.0	352.4	329.8	323.0	314.3
Fresh loins, 8-14 lb. average (N.Y.) ..... $ per lb..	1.137	1.277	1.169	1.100	1.186	1.301	1.386	1.376	1.366	1.415	1.349	1.232	1.229	1.291	1.369	1.219
MISCELLANEOUS FOOD PRODUCTS																
Cocoa (cacao) beans:																
Imports (incl. shells) ..... thous. lg. tons..	245.0	194.2	29.0	17.6	15.3	16.8	11.9	13.0	20.3	14.3	14.4	14.4	17.4	46.0	42.7	.....
Price, wholesale, Accra (New York) ..... $ per lb..	1.085	0.924	1.070	1.020	0.990	0.940	0.800	0.830	0.860	0.870	0.880	0.820	0.850	0.910	1.020	0.990
Coffee (green):																
Inventories (roasters', importers', dealers'), end of period ..... thous. bags ¶..	(3)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Roastings (green weight) ..... do....	(3)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Imports, total ..... do....	16,555	17,416	1,195	1,490	1,147	1,476	1,335	1,282	1,602	1,640	2,005	1,356	1,602	1,556	1,332	.....
From Brazil ..... do....	3,243	3,372	210	267	227	299	213	264	307	412	445	196	346	384	310	.....
Price, wholesale, Santos, No. 4 (N.Y.) ..... $ per lb..	1.594	1.420	1.360	1.360	1.450	1.450	1.450	1.450	1.450	1.450	1.450	1.330	1.330	1.330	1.330	1.330
Confectionery, manufacturers' sales @ ..... mil. $..	5,189	5,456	507	486	390	338	360	330	491	608	570	510	469	(3)	.....	.....
Fish:																
Stocks, cold storage, end of period ..... mil. lb..	350	383	r293	275	256	250	280	334	372	389	369	385	383	r347	p307	.....

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	1981	1982	1982											1983		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
FOOD AND KINDRED PRODUCTS; TOBACCO—Cont.																
MISCELLANEOUS FOOD PRODUCTS—Cont.																
Sugar (United States):																
Deliveries and supply (raw basis): §																
Production and receipts:																
Production ... thous. sh. tons..	5,157	(4)	(4)	...	...	...	...	...	...	...	...	...	...	...	...	...
Deliveries, total ... do....	10,922	(4)	(4)	...	...	...	...	...	...	...	...	...	...	...	...	...
For domestic consumption ... do....	9,731	(4)	(4)	...	...	...	...	...	...	...	...	...	...	...	...	...
Stocks, raw and ref., end of period ... do....	3,311	(4)	3,644	(4)	...	...	...	...	...	...	...	...	...	...	...	...
Exports, raw and refined ... sh. tons..	979,157	58,512	16,359	4,246	2,953	2,837	15,619	2,212	1,478	1,751	4,551	1,299	837	1,624	934	...
Imports, raw and refined ... thous. sh. tons..	5,054	2,616	100	316	215	142	218	360	133	90	520	167	133	164	219	...
Prices, wholesale (New York):																
Raw ... $ per lb..	0.198	(4)	0.178	0.169	0.176	0.195	0.208	(4)	...	...	...	...	...	...	...	...
Refined (excl. excise tax) ... do....	0.303	(4)	0.282	0.282	0.280	0.300	0.300	(4)	...	...	...	...	...	...	...	...
Tea, imports ... thous. lb..	190,254	182,613	15,464	13,787	13,176	16,518	14,309	14,286	15,598	17,425	16,207	18,222	12,567	13,748	15,092	...
TOBACCO																
Leaf:																
Production (crop estimate) ... mil. lb..	[1]2,064	[1]1,962	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Stocks, dealers' and manufacturers', end of period ‡ ... mil. lb..	5,080	5,371	...	4,983	...	...	4,675	...	...	5,034	...	...	5,371	...	...	...
Exports, incl. scrap and stems ... thous. lb..	575,255	550,006	39,392	49,862	41,756	53,960	37,226	23,910	30,179	24,805	74,480	92,236	50,528	24,189	38,339	...
Imports, incl. scrap and stems ... do....	335,920	295,740	16,579	20,393	22,659	24,820	25,012	17,725	41,903	25,541	29,006	29,126	11,714	23,898	19,565	...
Manufactured:																
Consumption (withdrawals):																
Cigarettes (small):																
Tax-exempt ... millions..	92,006	82,078	8,990	7,584	6,577	5,919	6,265	5,784	7,595	6,789	6,415	6,766	5,915	6,828	...	...
Taxable ... do....	638,114	614,017	52,850	57,430	48,368	48,240	60,590	49,167	55,802	56,655	54,068	49,538	33,075	48,686	...	...
Cigars (large), taxable ... do....	3,258	3,056	221	267	248	269	292	234	279	291	259	261	220	229	...	...
Exports, cigarettes ... do....	82,582	73,585	8,148	7,337	5,540	5,670	5,797	4,461	5,844	5,894	6,734	6,144	5,589	5,614	5,811	...
LEATHER AND PRODUCTS																
LEATHER																
Exports:																
Upper and lining leather ... thous. sq. ft..	192,193	159,804	10,343	13,696	15,534	17,449	18,610	18,486	12,065	10,417	11,842	9,726	10,786	11,052	12,453	...
Price, producer:																
Sole, bends, light ... index, 1967=100..	[2]306.7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
LEATHER MANUFACTURES																
Footwear:																
Production, total ... thous. pairs..	r380,383	324,659	27,128	31,060	26,894	27,940	28,219	23,561	27,873	28,448	28,394	25,848	23,035	...	...	...
Shoes, sandals, and play shoes, except athletic thous. pairs..	r289,745	241,103	20,102	22,975	19,680	20,878	20,444	18,831	20,365	20,785	20,303	18,709	17,853	...	...	...
Slippers ... do....	r74,662	67,913	5,734	6,672	5,991	5,672	6,427	3,933	6,044	6,288	6,580	5,876	3,867	...	...	...
Athletic ... do....	r15,976	15,643	1,292	1,413	1,223	1,390	1,348	797	1,464	1,375	1,511	1,263	1,315	...	...	...
Other footwear ... do....	r3,556	3,603	274	365	334	298	341	242	241	320	357	331	243	...	...	...
Exports ... do....	9,688	7,717	629	681	839	693	742	636	577	595	649	635	536	497	436	...
Prices, producer: *																
Men's leather upper, dress and casual index, 12/80=100..	103.1	105.3	103.5	104.0	105.8	106.0	101.2	106.2	106.3	106.4	107.0	107.0	105.4	106.1	105.2	106.6
Women's leather upper ... index, 1967=100..	214.4	215.8	205.3	207.7	215.6	214.1	218.5	219.0	219.5	220.0	221.8	221.8	221.8	218.5	219.8	220.4
Women's plastic upper ... index, 12/80=100..	99.6	97.9	94.4	94.7	98.3	98.3	98.5	99.1	99.1	99.7	99.8	r99.8	99.2	99.1	99.2	98.7
LUMBER AND PRODUCTS																
LUMBER—ALL TYPES #																
National Forest Products Association:																
Production, total ... mil. bd. ft..	[3]29,592	[3]26,960	1,891	2,148	2,281	2,251	2,338	2,376	2,560	2,445	2,333	2,247	2,004	2,484	...	...
Hardwoods ... do....	[3]6,835	[3]5,077	402	411	416	419	443	388	382	393	400	391	337	397	...	...
Softwoods ... do....	22,757	21,883	1,489	1,737	1,865	1,822	1,895	1,988	2,178	2,052	1,933	1,856	1,667	2,087	...	...
Shipments, total ... do....	[3]29,491	[3]27,163	1,837	2,148	2,336	2,308	2,513	2,363	2,450	2,260	2,506	2,353	2,162	2,435	...	...
Hardwoods ... do....	[3]6,655	[3]5,261	430	446	427	465	438	381	377	396	407	398	360	419	...	...
Softwoods ... do....	22,836	21,902	1,407	1,702	1,909	1,843	2,075	1,982	2,073	1,864	2,099	1,955	1,802	2,016	...	...
Stocks (gross), mill, end of period, total ... do....	5,927	5,724	6,068	6,042	5,983	5,915	5,853	5,867	5,977	6,163	5,986	5,881	5,724	5,770	...	...
Hardwoods ... do....	1,945	1,761	1,906	1,842	1,827	1,786	1,789	1,797	1,802	1,799	1,789	1,783	1,761	1,735	...	...
Softwoods ... do....	3,982	3,963	4,162	4,200	4,156	4,129	4,064	4,070	4,175	4,364	4,179	4,098	3,963	4,035	...	...
Exports, total sawmill products ... do....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Imports, total sawmill products ... do....	9,518	9,421	585	601	792	848	888	874	888	962	758	916	781	879	933	...
SOFTWOODS																
Douglas fir:																
Orders, new ... mil. bd. ft..	6,393	6,025	393	523	473	486	550	504	569	481	573	573	537	683	505	...
Orders, unfilled, end of period ... do....	429	612	443	496	487	481	500	488	494	501	510	572	612	707	666	...
Production ... do....	6,395	5,783	457	454	465	482	472	520	556	512	490	509	452	642	612	...
Shipments ... do....	6,463	5,842	421	470	482	492	530	516	563	474	564	511	497	588	546	...
Stocks (gross), mill, end of period ... do....	844	853	974	958	941	931	939	943	936	974	900	898	853	907	973	...
Exports, total sawmill products ... do....	523	471	34	54	46	48	40	31	42	31	41	31	39	41	45	...
Sawed timber ... do....	129	125	8	18	14	14	9	8	14	7	8	6	8	11	7	...
Boards, planks, scantlings, etc ... do....	394	345	26	36	32	35	30	23	28	24	33	25	31	30	38	...
Price, wholesale:																
Dimension, construction, dried, 2" x 4", R.L. $ per M bd. ft..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	1981	1982	1982											1983		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
LUMBER AND PRODUCTS—Continued																
SOFTWOODS—Continued																
Southern pine:																
Orders, new ... mil. bd. ft.	[1]6,128	[1]6,016	409	520	486	513	599	493	537	508	607	512	488	590	...	...
Orders, unfilled, end of period ... do.	418	438	448	476	446	463	467	409	427	401	438	435	438	476	...	...
Production ... do.	[1]6,143	[1]6,186	419	487	515	490	556	547	582	643	563	513	505	521	...	...
Shipments ... do.	[1]6,129	[1]5,996	391	492	516	496	595	551	519	534	570	515	485	552	...	...
Stocks (gross), mill and concentration yards, end of period ... mil. bd. ft.	1,284	1,474	1,346	1,341	1,340	1,334	1,295	1,291	1,354	1,464	1,456	1,454	1,474	1,444	...	...
Exports, total sawmill products ... thous. bd. ft.	227,020	245,221	18,936	20,195	23,660	19,318	26,989	18,752	17,778	22,926	19,908	22,203	20,273	19,753	18,314	...
Prices, wholesale (indexes):																
Boards, No. 2 and better, 1" x 6", R.L. 1967=100	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Flooring, C and better, F. G., 1" x 4", S.L. 1967=100	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Western pine:																
Orders, new ... mil. bd. ft.	7,235	7,017	413	562	608	605	609	629	741	609	684	663	526	661	568	...
Orders, unfilled, end of period ... do.	219	324	261	333	302	331	305	304	337	357	365	364	324	390	389	...
Production ... do.	7,261	6,803	417	529	621	572	603	642	726	603	605	598	504	601	636	...
Shipments ... do.	7,342	6,912	409	490	639	576	634	630	708	590	676	664	566	595	569	...
Stocks (gross), mill, end of period ... do.	1,104	1,040	1,166	1,205	1,187	1,183	1,196	1,208	1,226	1,239	1,168	1,102	1,040	1,046	1,113	...
Price, wholesale, Ponderosa, boards, No. 3, 1" x 12", R.L. (6' and over) ... $ per M bd. ft.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
HARDWOOD FLOORING																
Oak:																
Orders, unfilled, end of period ... mil. bd. ft.	2.8	4.8	2.2	2.6	1.9	1.8	2.1	2.2	3.3	2.7	2.8	3.4	4.8	6.7	6.4	...
Shipments ... do.	83.1	75.0	5.4	6.9	6.0	6.0	6.2	5.8	6.7	7.3	6.7	6.3	6.2	8.0	6.5	...
Stocks (gross), mill, end of period ... do.	10.1	12.0	10.3	9.9	10.5	10.2	11.8	11.4	11.3	10.4	10.6	10.9	12.0	9.3	8.7	...
METALS AND MANUFACTURES																
IRON AND STEEL																
Exports:																
Steel mill products ... thous. sh. tons.	2,904	1,842	154	197	148	194	180	146	152	158	133	109	97	95	92	...
Scrap ... do.	[1]6,456	[r]6,804	539	522	507	812	806	577	542	607	434	620	375	625	372	...
Pig iron ... do.	16	54	(2)	1	1	1	6	1	1	18	1	21	(2)	1	(2)	...
Imports:																
Steel mill products ... do.	19,898	[1]16,663	1,600	1,356	1,029	1,696	1,784	1,113	1,451	1,191	1,146	1,258	1,090	1,098	1,173	...
Scrap ... do.	[r][1]562	474	41	36	41	57	49	37	45	37	35	38	27	35	29	...
Pig iron ... do.	433	322	16	14	48	71	35	9	15	14	41	11	13	5	7	...
Iron and Steel Scrap																
Production ... thous. sh. tons.	[1]43,260	27,840	2,753	3,019	2,597	2,418	2,320	2,119	2,122	2,078	1,975	1,924	[r]1,687	1,860	...	...
Receipts, net ... do.	[1]41,981	[1]27,477	2,889	3,114	2,779	2,611	2,303	2,033	2,133	2,106	2,134	1,773	[r]1,855	2,250	...	...
Consumption ... do.	[1]85,097	[1]56,452	5,615	6,180	5,391	5,077	4,715	4,336	4,377	4,357	4,226	3,757	[r]3,611	4,300	...	...
Stocks, end of period ... do.	8,118	[r]6,421	7,870	7,762	7,716	7,650	7,551	7,352	7,117	6,954	6,628	6,479	[r]6,421	6,177	...	...
Prices, steel scrap, No. 1 heavy melting:																
Composite ... $ per lg. ton.	90.17	61.51	80.47	75.93	69.98	62.85	55.21	53.84	54.77	53.48	52.32	48.94	48.61	55.19	61.13	...
Pittsburgh district ... do.	100.50	66.71	91.50	85.00	75.00	64.00	59.50	57.50	58.00	58.00	55.00	51.50	51.50	62.50	68.00	...
Ore																
Iron ore (operations in all U.S. districts):																
Mine production ... thous. lg. tons.	[1]73,174	[r]36,495	5,244	5,126	5,347	4,358	2,525	869	909	744	1,470	1,728	2,365	2,463	...	...
Shipments from mines ... do.	[1]72,181	[r]36,956	1,180	1,433	2,265	5,306	4,964	4,795	4,193	3,943	3,161	3,065	1,569	395	...	...
Imports ... do.	28,328	14,715	1,018	646	773	1,199	1,865	1,508	1,532	1,424	1,395	898	826	463	320	...
U.S. and foreign ores and ore agglomerates:																
Receipts at iron and steel plants ... do.	96,645	49,872	1,589	1,596	2,795	6,672	7,182	6,746	5,848	5,361	4,368	3,395	2,655	674	646	...
Consumption at iron and steel plants ... do.	94,958	55,234	5,175	5,670	4,888	4,896	4,342	4,705	4,369	4,249	4,192	3,664	3,565	3,882	3,978	...
Exports (domestic) ... do.	5,546	[r]3,177	1	1	[r]236	[r]391	[r]604	[r]324	[r]57	[r]501	[r]339	[r]486	[r]235	(2)	2	...
Stocks, total, end of period ... do.	60,243	52,621	60,894	57,340	57,725	57,645	58,457	59,065	57,833	55,774	54,480	52,647	52,621	45,534	...	...
At mines ... do.	12,734	16,948	25,701	26,576	29,740	28,314	26,380	25,297	22,137	19,042	17,423	16,098	16,948	12,997	...	...
At furnace yards ... do.	36,203	29,923	28,813	24,654	22,504	24,209	26,909	28,860	30,276	31,326	31,501	30,953	29,923	26,896	22,904	...
At U.S. docks ... do.	6,571	5,750	6,380	6,110	5,481	5,122	5,168	4,908	5,420	5,406	5,556	5,596	5,750	5,641	5,375	...
Manganese (mn. content), general imports ... do.	775	467	49	65	55	22	58	35	33	14	25	32	15	61	...	...
Pig Iron and Iron Products																
Pig iron:																
Production (including production of ferroalloys) thous. sh. tons.	73,570	[1]43,136	4,169	4,622	3,967	3,904	3,595	3,516	3,277	3,160	3,077	2,648	2,712	3,192	3,264	4,206
Consumption ... do.	[r]75,074	[1]44,541	4,384	4,869	4,083	3,975	3,648	3,554	3,431	3,261	3,201	2,837	2,883	3,259	...	...
Stocks, end of period ... do.	859	580	822	782	745	747	758	728	697	681	649	603	580	576	...	...
Price, basic furnace ... $ per sh. ton.	206.00	...	213.00	213.00	213.00	213.00	213.00	213.00	213.00	213.00	...	...	...	...	...	...
Castings, gray and ductile iron:																
Orders, unfilled, for sale, end of period thous. sh. tons.	736	529	761	726	696	651	610	611	608	575	505	521	[r]536	577	...	...
Shipments, total ... do.	11,801	8,196	764	860	771	741	756	616	630	631	618	[r]584	[r]450	627	...	...
For sale ... do.	6,587	4,682	412	482	445	432	428	359	404	369	351	334	[r]266	367	...	...
Castings, malleable iron:																
Orders, unfilled, for sale, end of period thous. sh. tons.	32	14	29	29	25	24	24	16	16	15	13	13	14	17	...	...
Shipments, total ... do.	422	285	26	30	28	27	29	21	23	22	19	[r]18	18	21	...	...
For sale ... do.	200	120	15	13	12	12	11	7	10	8	7	[r]7	6	7	...	...

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	1981	1982	1982											1983		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
METALS AND MANUFACTURES—Continued																
Steel, Raw and Semifinished																
Steel (raw):																
Production ... thous. sh. tons..	[1]120,828	[1]72,903	7,178	8,049	7,006	6,678	6,050	5,719	5,538	5,299	5,262	4,546	4,456	5,570	5,676	7,127
Rate of capability utilization ... percent..	78.3	47.3	60.9	61.7	55.2	50.9	47.7	43.8	42.4	41.9	40.2	35.9	34.0	43.4	49.0	55.5
Steel castings:																
Orders, unfilled, for sale, end of period ... thous. sh. tons..	373	161	359	335	304	276	250	232	222	213	181	[r]172	161	164	...	...
Shipments, total ... do....	1,743	1,023	114	129	113	101	91	63	65	68	63	56	45	54	...	...
For sale, total ... do....	1,558	927	104	117	103	93	82	56	58	62	56	50	[r]39	50	...	...
Steel Mill Products																
Steel products, net shipments:																
Total (all grades) ... thous. sh. tons..	87,014	59,783	5,434	6,163	5,488	5,149	5,372	4,514	4,724	4,760	4,309	4,088	4,234	4,583	4,588	...
By product:																
Semifinished products ... do....	5,598	3,408	285	325	318	306	291	257	269	283	291	260	255	229	278	...
Structural shapes (heavy), steel piling ... do....	4,903	3,424	323	365	321	290	284	272	265	280	321	237	210	237	239	...
Plates ... do....	7,397	4,136	498	527	393	330	316	259	300	269	261	260	260	254	251	...
Rails and accessories ... do....	1,458	782	102	91	73	74	68	56	41	44	36	49	51	42	55	...
Bars and tool steel, total ... do....	13,828	9,440	821	1,015	865	846	855	668	766	746	715	639	615	756	756	...
Bars: Hot rolled (incl. light shapes) ... do....	[1]7,770	[1]4,857	506	573	470	434	440	304	361	347	238	280	312	415	366	...
Bars: Reinforcing ... do....	4,371	3,526	205	320	298	321	319	296	325	322	323	293	241	253	232	...
Bars: Cold finished ... do....	1,620	1,013	105	117	93	87	92	66	76	73	68	64	59	85	75	...
Pipe and tubing ... do....	10,286	5,026	702	662	602	476	388	274	246	228	220	224	220	232	224	...
Wire and wire products ... do....	1,694	1,332	115	133	125	123	123	113	112	113	108	89	83	98	99	...
Tin mill products ... do....	4,927	4,321	449	400	328	338	386	331	386	502	251	266	294	380	321	...
Sheets and strip (incl. electrical), total ... do....	36,924	27,914	2,139	2,645	2,462	2,367	2,661	2,285	2,340	2,295	2,189	2,063	2,247	2,355	2,366	...
Sheets: Hot rolled ... do....	13,451	9,052	768	953	828	759	848	758	746	665	657	637	656	769	797	...
Sheets: Cold rolled ... do....	14,396	11,132	817	1,030	1,005	957	1,069	884	919	915	878	832	974	941	940	...
By market (quarterly):																
Service centers and distributors ... do....	17,637	[1]12,972	...	3,429	...	...	3,213	...	...	3,099	...	...	3,029	[2]1,067	[2]1,069	...
Construction, incl. maintenance ... do....	[1]8,446	6,260	...	1,684	...	...	1,651	...	...	1,568	...	...	1,379	[2]429	[2]396	...
Contractors' products ... do....	3,230	2,290	...	592	...	...	598	...	...	548	...	...	543	[2]213	[2]184	...
Automotive ... do....	13,154	[1]9,295	...	2,367	...	...	2,791	...	...	2,311	...	...	2,036	[2]662	[2]779	...
Rail transportation ... do....	2,162	1,030	...	411	...	...	277	...	...	183	...	...	159	[2]51	[2]60	...
Machinery, industrial equip., tools ... do....	4,624	2,582	...	960	...	...	689	...	...	491	...	...	446	[2]170	[2]168	...
Containers, packaging, ship. materials ... do....	5,292	4,471	...	1,260	...	...	1,115	...	...	1,252	...	...	837	[2]374	[2]333	...
Other ... do....	[1]32,469	[1]20,883	...	6,500	...	...	5,676	...	...	4,546	...	...	4,201	[2]1,617	[2]1,599	...
Steel mill shapes and forms, inventories, end of period—total for the specified sectors: ... mil. sh. tons..	30.0	22.1	29.9	29.4	28.8	28.1	26.9	26.5	25.8	24.8	24.0	23.0	22.1	22.1	...	...
Producing mills, inventory, end of period:																
Steel in process ... mil. sh. tons..	11.3	8.1	11.3	11.2	11.0	10.9	10.4	10.2	9.9	9.6	9.3	8.6	8.1	8.1	...	...
Finished steel ... do....	7.4	5.3	7.2	7.1	7.0	6.9	6.5	6.5	6.3	6.0	5.8	5.6	5.3	5.1	...	...
Service centers (warehouses), inventory, end of period ... mil. sh. tons..	5.4	4.7	5.2	5.2	5.1	5.0	5.1	5.0	5.0	4.8	4.6	4.7	4.7	4.7	...	...
Consumers (manufacturers only):																
Inventory, end of period ... do....	5.9	4.0	6.2	5.9	5.7	5.3	4.9	4.8	4.6	4.4	4.2	4.1	4.0	4.2	...	...
Receipts during period ... do....	71.7	54.8	5.3	5.8	5.0	4.8	4.7	4.3	4.4	4.5	4.2	3.8	3.3	4.2	...	...
Consumption during period ... do....	72.4	56.7	5.1	6.1	5.2	5.2	5.1	4.4	4.6	4.7	4.4	3.9	3.4	4.1	...	...
NONFERROUS METALS AND PRODUCTS																
Aluminum:																
Production, primary (dom. and foreign ores) ... thous. sh. tons..	4,948	3,609	311	336	319	321	300	297	287	271	275	266	275	279	...	...
Recovery from scrap (aluminum content) ... do....	[r1]2,239	2,045	156	170	170	167	188	182	186	181	180	164	157	164	...	...
Imports (general):																
Metal and alloys, crude ... do....	[1]710.7	678.4	65.9	61.7	61.0	51.0	66.5	42.2	78.2	52.8	52.7	60.1	47.8	53.1	47.0	...
Plates, sheets, bars, etc ... do....	[1]142.5	213.4	19.1	21.4	14.1	19.5	15.5	16.7	17.9	16.9	18.9	18.2	17.5	22.1	21.7	...
Exports:																
Metal and alloys, crude ... do....	344.2	401.2	18.8	46.0	26.6	19.9	48.5	24.2	42.6	23.6	59.5	42.1	27.3	56.1	13.4	...
Plates, sheets, bars, etc ... do....	[1]281.9	200.4	17.8	18.3	15.4	15.9	19.9	13.3	14.3	22.0	20.4	12.1	12.6	13.9	13.2	...
Price, primary ingot, 99.5% minimum ... $ per lb..	0.7600	0.7600	0.7600	0.7600	0.7600	0.7600	0.7600	0.7600	0.7600	0.7600	0.7600	0.7600	0.7600	...	...	...
Aluminum products:																
Shipments:																
Ingot and mill prod. (net ship.) ... mil lb..	13,237	11,871	934	1,095	995	971	1,113	879	1,100	1,014	[r]958	938	1,024	...	...	...
Mill products, total ... do....	10,328	9,109	734	831	783	762	833	744	777	781	727	719	680	...	...	...
Sheet and plate ... do....	5,978	5,329	430	482	452	441	498	444	462	465	417	419	390	...	...	...
Castings ... do....	1,581	[r]1,306	105	120	119	116	143	102	104	108	[r]101	98	85	102	...	...
Inventories, total (ingot, mill products, and scrap), end of period ... mil. lb..	6,607	6,233	6,742	6,658	6,683	6,684	6,577	6,626	6,508	6,434	6,431	6,388	6,233	...	...	...
Copper:																
Production:																
Mine, recoverable copper ... thous. met. tons..	1,538.2	1,135.0	107.4	119.9	112.0	97.0	90.0	84.6	81.1	75.3	86.5	89.4	[r]81.0	89.0	...	...
Refinery, primary ... do....	[1]1,544.0	1,225.0	104.7	117.2	105.4	99.3	93.9	99.5	91.5	94.7	95.0	114.2	[r]102.8	94.5	...	...
From domestic ores ... do....	[1]1,430.2	1,077.0	96.2	110.4	97.9	90.5	85.8	85.7	74.1	75.6	80.1	98.1	[r]85.4	76.6	...	...
From foreign ores ... do....	[1]113.8	148.0	8.5	6.9	7.4	8.8	8.0	13.8	17.4	19.0	14.9	16.1	[r]17.5	17.8	...	...
Secondary, recovered as refined ... do....	631.9	...	51.8	51.4	49.2	52.0	39.2	34.9	28.6	60.7	...	...	...	...	...	...
Imports (general):																
Refined, unrefined, scrap (copper cont.) ... do....	502.5	522.2	40.6	30.8	30.6	47.5	50.6	47.5	42.9	57.3	56.2	42.3	[r]39.7	50.6	42.6	...
Refined ... do....	359.3	285.5	15.7	18.8	22.3	20.4	29.2	27.2	25.8	29.9	27.6	26.2	21.9	34.0	27.0	...
Exports:																
Refined and scrap ... do....	339.7	378.0	21.9	29.4	30.5	39.1	20.4	33.5	34.0	36.6	40.2	34.3	22.8	33.4	14.5	...
Refined ... do....	27.2	35.0	0.6	0.9	1.0	1.6	1.6	2.9	5.4	9.9	8.6	0.8	1.1	13.4	0.7	...
Consumption, refined (by mills, etc.) ... thous. sh. tons..	2,045	...	...	508	...	...	485	...	...	407	...	...	...	...	...	...
Stocks, refined, end of period ... do....	511	...	...	558	...	...	587	...	...	592	...	...	...	...	...	...
Price, electrolytic (wirebars), dom., delivered ... $ per lb..	0.8512	0.7431	0.7878	0.7586	0.7627	0.7487	0.7149	0.7105	0.7100	0.7106	0.7241	0.7297	0.7423	0.8022	0.8402	0.8207

See footnotes at end of tables.

METALS AND MANUFACTURES—Continued

Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	1981	1982	1982											1983		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
NONFERROUS METALS AND PRODUCTS—Continued																
Copper-base mill and foundry products, shipments (quarterly total):																
Brass mill products ... mil. lb.	2,622	2,014	...	544	...	...	548	...	...	r497	...	...	425	...	...	...
Copper wire mill products (copper cont.) ... do	2,847	2,393	...	654	...	...	634	...	...	575	...	...	530	...	...	...
Brass and bronze foundry products ... do	471	405	...	114	...	...	107	...	...	90	...	...	94	...	...	...
Lead:																
Production:																
Mine, recoverable lead ... thous. met. tons	445.5	515.9	43.5	48.7	44.3	42.1	42.6	37.0	42.9	41.7	45.0	42.1	45.4	44.9	...	...
Recovered from scrap (lead cont.) ... do	[1]641.1	528.8	48.2	48.0	47.6	46.1	44.8	34.4	44.2	41.9	44.6	41.9	41.5	41.3	...	...
Imports (general), ore (lead cont.), metal ... do	68.9	50.1	3.4	4.9	3.8	1.9	5.4	1.6	8.5	2.3	8.2	1.9	2.4	2.1	8.1	...
Consumption, total ... do	1,167.1	[1]1,066.2	84.4	90.9	88.3	82.1	84.5	73.0	90.7	87.9	95.3	83.2	83.1	82.3	...	...
Stocks, end of period:																
Producers', ore, base bullion, and in process (lead content), ABMS ... thous. met. tons	83.3	75.0	79.3	81.2	85.7	85.6	82.1	79.2	79.0	75.1	76.6	75.9	75.0	75.3	73.6	...
Refiners' (primary), refined and antimonial (lead content) ... thous. met. tons	79.5	74.1	70.0	73.4	65.5	61.7	69.0	66.6	61.7	66.6	69.0	73.6	74.1	78.8	...	...
Consumers' (lead content) ¶ ... do	123.2	77.4	88.4	85.2	87.2	81.7	88.3	84.2	83.5	84.2	79.4	77.4	77.4	80.0	...	...
Scrap (lead-base, purchased), all smelters (gross weight) ... thous. met. tons	41.7	33.5	36.8	35.1	34.5	32.7	36.1	39.3	34.8	31.6	30.6	37.1	33.5	28.3	...	...
Price, common grade, delivered ... $ per lb.	0.3653	0.2554	0.2870	0.2764	0.2606	0.2609	0.2476	0.2718	0.2582	0.2532	0.2319	0.2161	0.2047	0.2203	0.2112	0.2073
Tin:																
Imports (for consumption):																
Ore (tin content) ... metric tons	232	1,961	72	162	149	0	156	93	186	194	289	88	277	173	51	...
Metal, unwrought, unalloyed ... do	45,873	27,940	1,089	2,742	3,145	2,966	2,055	2,450	2,742	1,697	2,409	2,233	2,100	3,434	1,867	...
Recovery from scrap, total (tin cont.) ... do	r[1]15,438	12,368	1,150	1,135	1,005	1,065	1,025	1,000	940	996	1,019	1,008	1,000	...	...	...
As metal ... do	r[1]1,587	1,637	95	120	150	140	140	155	145	121	164	192	130	...	...	...
Consumption, total ... do	[1]54,373	53,450	3,300	3,750	5,100	5,000	5,100	4,900	4,700	4,700	4,600	4,500	4,400	4,400	...	...
Primary ... do	[1]40,229	38,700	2,500	2,800	3,600	3,600	3,700	3,600	3,400	3,400	3,300	3,200	3,100	3,200	...	...
Exports, incl. reexports (metal) ... do	5,989	9,777	1,610	441	454	261	662	375	305	175	249	241	256	368	382	...
Stocks, pig (industrial), end of period ... do	5,988	r3,152	3,490	3,829	5,222	4,953	4,653	3,888	2,910	2,940	2,770	3,437	r3,152	4,609	...	...
Price, Straits quality (delivered) ... $ per lb.	7.3305	6.5392	7.4519	6.6917	6.5600	6.6284	6.0826	6.1255	6.2549	6.3904	6.2475	6.1347	6.1434	6.2443	6.5070	6.6772
Zinc:																
Mine prod., recoverable zinc ... thous. met. tons	312.4	[1]303.1	24.7	25.3	23.4	25.6	27.0	21.3	27.4	25.7	27.8	25.9	23.3	25.0	...	...
Imports (general):																
Ores (zinc content) ... do	117.7	49.3	6.1	6.3	2.4	4.0	4.9	0.7	2.8	3.9	9.1	2.3	3.6	3.7	2.1	...
Metal (slab, blocks) ... do	602.6	413.4	33.0	36.2	26.4	35.3	39.8	27.8	26.2	34.9	49.1	61.5	41.0	35.9	25.4	...
Consumption (recoverable zinc content):																
Ores ... do	[1]60.6	53.1	4.2	4.7	6.8	6.2	3.9	3.1	2.6	3.6	4.0	4.7	4.7	4.7	...	...
Scrap, all types ... do	[1]288.7	208.9	16.8	18.2	18.0	17.7	17.3	17.3	17.5	17.9	17.6	17.1	16.8	17.2	...	...
Slab zinc: @																
Production, total ‡ ... thous. met. tons	[1]393.0	254.3	21.6	21.4	19.3	21.5	21.5	18.7	20.4	61.4	24.8	18.7	18.1	18.2	20.7	22.7
Consumption, fabricators ... do	[1]834.2	[1]697.4	55.3	60.0	57.8	58.8	65.8	56.3	60.7	61.4	60.8	53.7	50.8	61.6	...	...
Exports ... do	0.3	0.3	0.1	(2)	(2)	0.1	(2)	...	(2)	(2)	(2)	(2)	0.1	1.4	(2)	...
Stocks, end of period:																
Producers', at smelter (ABMS) ... do	34.6	24.6	41.2	41.8	39.9	35.3	27.9	20.5	14.9	15.9	19.9	21.5	24.6	21.9	22.1	19.4
Consumers' ... do	44.7	62.0	67.0	65.7	60.0	60.8	57.7	62.0	57.7	56.1	56.0	62.2	62.0	69.7	...	...
Price, Prime Western ... $ per lb.	0.4455	0.3847	0.4272	0.3923	0.3550	0.3467	0.3460	0.3566	0.3779	0.3964	0.4083	0.4039	0.3846	0.3860	0.3806	0.3790
MACHINERY AND EQUIPMENT																
Heating, combustion, atmosphere equipment, new orders (domestic), net, qtrly # ... mil $	470.0	[1]296.9	...	113.7	...	...	73.3	...	...	53.8	...	...	60.6	...	...	...
Electric processing heating equipment ... do	106.9	65.4	...	20.2	...	...	17.5	...	...	18.1	...	...	9.6	...	...	...
Fuel-fired processing heating equip ... do	225.4	128.2	...	61.0	...	...	26.9	...	...	14.4	...	...	25.9	...	...	...
Material handling equipment (industrial):																
Orders (new), index, seas. adj ... 1967=100	382.0	249.2	428.0	262.3	273.0	221.4	241.2	235.1	209.5	266.0	188.4	206.0	150.7	...	...	...
Industrial trucks (electric), shipments:																
Hand (motorized) ... number	18,734	15,166	1,398	1,665	1,216	1,228	1,558	787	1,207	1,160	1,220	1,299	1,178	968	...	...
Rider-type ... do	19,784	17,351	r1,535	r1,920	r1,452	r1,462	r1,635	r1,007	r1,113	r1,367	r1,220	r1,503	1,605	967	...	...
Industrial trucks and tractors (internal combustion engines), shipments ... number	31,885	26,197	r2,575	r2,985	r2,228	r2,182	r2,675	r1,333	r1,788	r1,941	r1,783	r1,982	1,924	1,121	...	...
Industrial supplies, machinery and equipment:																
New orders index, seas. adjusted ... 1977=100	148.1	94.6	110.2	104.8	97.3	91.1	90.9	88.3	90.8	92.1	87.8	84.1	83.6	84.7	83.9	...
Industrial suppliers distribution: †																
Sales index, seas. adjusted ... 1977=100	142.3	120.9	130.9	133.3	134.4	123.5	121.3	120.0	119.1	115.9	109.8	106.8	100.7	103.5	104.2	...
Price index, not seas. adj. (tools, material handling equip., valves, fittings, abrasives, fasteners, metal products, etc.) ... 1977=100	144.3	153.1	151.6	152.6	152.9	153.7	153.8	154.0	153.8	154.0	153.7	153.5	153.7	153.9	154.6	...
Fluid power products shipments indexes: *																
Hydraulic products, seas. adj ... 1972=100	279	208	255	246	233	218	232	191	198	178	170	166	143	169	168	...
Pneumatic products, seas. adj ... do	249	202	245	225	215	194	194	195	186	191	172	184	174	182	186	...
Machine tools:																
Metal cutting type tools:																
Orders, new (net), total ... mil. $	2,228.10	1,064.45	123.15	105.75	115.10	68.00	91.65	70.40	60.45	52.60	72.85	62.75	85.80	p57.55	...	...
Domestic ... do	1,945.80	889.60	113.30	90.20	107.55	53.75	55.15	57.55	49.25	47.20	59.10	47.45	84.20	p51.95	...	...
Shipments, total ... do	4,104.50	2,894.75	293.15	332.75	239.45	246.60	324.60	203.55	212.50	224.40	150.60	155.70	204.30	p108.25	...	...
Domestic ... do	3,552.45	2,598.60	273.75	303.05	214.60	224.15	296.55	173.75	184.30	192.65	132.30	134.80	184.20	p94.45	...	...
Order backlog, end of period ... do	2,873.3	1,043.0	2,552.1	2,325.1	2,200.8	2,022.2	1,789.2	1,656.0	1,504.0	1,332.2	1,254.4	1,161.5	1,043.0	p992.3	...	...
Metal forming type tools:																
Orders, new (net), total ... do	716.75	433.30	40.65	32.05	37.70	37.95	34.25	36.15	26.05	34.30	46.35	25.45	35.15	p34.00	...	...
Domestic ... do	616.85	371.75	35.90	26.75	29.95	27.40	29.25	30.40	22.70	30.20	42.55	21.90	33.50	p28.15	...	...
Shipments, total ... do	991.10	709.65	66.45	78.30	60.00	49.25	84.55	46.80	44.70	51.45	50.10	37.80	59.85	p44.80	...	...
Domestic ... do	824.20	599.75	57.50	73.15	56.30	44.90	75.35	40.65	38.90	45.95	42.25	33.70	41.50	p37.60	...	...
Order backlog, end of period ... do	427.0	150.6	374.0	327.8	299.4	288.2	237.8	227.2	208.6	191.4	187.6	175.3	150.6	p139.8	...	...

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	1981	1982	1982											1983		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
METALS AND MANUFACTURES—Continued																
MACHINERY AND EQUIPMENT—Continued																
Tractors used in construction, shipments, qtrly:																
Tracklaying, total ... units..	15,789	8,278	...	2,390	...	...	2,589	...	...	r2,106	...	...	1,193	...	...	...
mil. $..	1,569.9	895.1	...	264.4	...	...	272.7	...	...	r255.1	...	...	102.9	...	...	...
Wheel (contractors' off-highway) ... units..	4,309	2,443	...	547	...	...	685	...	...	714	...	...	497	...	...	...
mil. $..	410.9	222.2	...	58.2	...	...	r60.6	...	...	r67.2	...	...	36.3	...	...	...
Tractor shovel loaders (integral units only), wheel and tracklaying types ... units..	33,369	24,128	...	r6,236	...	...	7,432	...	...	r5,403	...	...	5,057	...	...	...
mil $..	1,605.5	1,022.3	...	r301.5	...	...	299.0	...	...	r248.6	...	...	173.2	...	...	...
Tractors, wheel, farm, nonfarm (ex. garden and construction types), ship., qtrly ... units..	141,170	r93,775	...	28,067	...	...	25,754	...	...	r18,843	...	...	21,111	...	...	...
mil. $..	3,479.3	2,748.7	...	754.2	...	...	737.7	...	...	r583.2	...	...	673.5	...	...	...
ELECTRICAL EQUIPMENT																
Batteries (auto.-type replacement), ship ... thous..	53,598	54,214	4,269	3,839	3,611	3,584	3,640	3,629	4,750	5,819	5,660	5,237	5,280	3,708	3,070	...
Radio sets, production, total market ... thous..	31,476	31,782	1,671	[2]1,816	1,609	2,460	[2]3,179	2,284	4,052	[2]3,624	3,490	3,221	[2]2,364	2,159	...	...
Television sets (incl. combination models), production, total market ... thous..	18,480	16,405	1,344	[2]1,499	1,375	1,292	[2]1,710	1,177	1,420	[2]1,619	1,106	1,161	[2]1,229	1,151	1,298	...
Household major appliances (electrical), factory shipments (domestic and export) # ... thous..	30,482	26,683	r2,245	r2,637	2,452	2,232	2,341	2,196	2,257	2,097	2,350	2,117	1,892	2,179	2,158	2,744
Air conditioners (room) ... do....	3,692	2,761	361	572	517	419	289	145	61	17	31	71	84	89	130	209
Dishwashers ... do....	2,484	2,170	160	r152	201	169	160	187	203	167	218	206	178	213	197	248
Disposers (food waste) ... do....	3,179	2,781	215	r263	175	200	207	199	219	241	339	260	238	264	294	309
Ranges ... do....	2,328	2,035	143	r163	169	150	293	166	170	168	202	195	175	190	183	232
Refrigerators ... do....	4,944	4,364	324	r344	379	359	437	456	432	381	401	310	262	363	336	403
Freezers ... do....	1,605	1,340	99	117	107	112	161	151	156	109	80	80	73	103	97	117
Washers ... do....	4,365	4,019	347	383	345	322	352	323	364	360	347	319	252	364	353	420
Dryers (incl. gas) ... do....	2,977	2,728	234	253	214	195	214	196	244	245	261	251	193	260	251	283
Vacuum cleaners (qtrly.) ... do....	7,785	7,536	...	1,911	...	...	1,677	...	...	2,136	...	...	1,812	...	...	...
GAS EQUIPMENT (RESIDENTIAL)																
Furnaces, gravity and forced-air, shipments ... thous..	1,417	1,156	69	77	70	69	85	78	96	126	140	127	138	r129	p121	...
Ranges, total, sales ... do....	1,496	1,368	107	135	110	113	123	96	99	133	113	114	126	r108	p112	...
Water heaters (storage), automatic, sales @ ... do....	2,785	3,042	268	305	295	246	248	230	225	232	260	236	257	275	257	...
PETROLEUM, COAL, AND PRODUCTS																
COAL																
Anthracite:																
Production ... thous. sh. tons..	5,423	4,225	381	459	274	329	319	313	370	340	387	347	353	...	...	...
Exports ... do....	2,249	980	44	84	79	41	45	106	86	77	121	107	43	5	2	...
Price, wholesale * ... Index, 1967=100..	582.2	...	643.7	645.5	648.1	639.0	637.5	637.5	637.4	637.4	637.4	638.0	638.0	636.0	635.9	634.2
Bituminous:																
Production † ... thous. sh. tons..	818,352	819,775	69,621	82,209	72,432	69,933	70,508	59,145	71,368	66,480	68,836	63,365	60,158	...	...	...
Consumption, total ... do....	728,543	...	59,461	57,965	53,017	54,585	55,730	63,629	63,192	56,506	...	...	...	...	...	...
Electric power utilities ... do....	595,575	...	48,795	47,811	43,403	45,523	47,330	55,206	54,660	48,332	46,248	47,699	...	...	...	...
Industrial, total ... do....	127,527	...	10,149	9,761	9,041	8,713	8,121	7,933	8,002	7,665	...	...	...	...	...	...
Coke plants (oven and beehive) ... do....	60,888	...	4,334	4,165	3,704	3,616	3,476	3,118	3,056	2,922	...	...	...	...	...	...
Residential and commercial ... do....	5,440	...	517	393	573	349	279	490	530	509	...	...	...	...	...	...
Stocks, end of period, total ... do....	[1]179,607	...	167,676	173,574	180,807	187,248	192,664	184,237	184,429	183,872	...	...	...	...	...	...
Electric power utilities ... do....	163,356	...	152,735	159,030	165,848	171,892	176,911	168,844	169,403	169,216	173,879	175,811	...	...	...	...
Industrial, total ... do....	16,251	...	14,941	14,544	14,959	15,356	15,753	15,393	15,026	14,656	...	...	...	...	...	...
Oven-coke plants ... do....	6,446	...	5,887	5,594	5,914	6,216	6,518	6,153	5,788	5,422	...	...	...	...	...	...
Exports ... do....	110,243	105,244	8,918	10,335	10,742	10,057	10,626	9,071	7,293	8,603	9,850	7,700	6,020	4,465	4,376	...
Price, wholesale ... Index, 1967=100..	493.7	...	525.3	525.0	527.9	529.6	529.3	533.9	534.9	534.4	533.9	r535.5	536.2	528.1	530.4	536.0
COKE																
Production:																
Beehive and oven (byproduct) ... thous. sh. tons..	42,786	...	...	8,828	...	...	7,507	...	...	6,270	...	...	...	...	...	...
Petroleum coke § ... do....	28,296	29,872	2,207	2,551	2,428	2,533	2,397	2,672	2,564	2,433	2,452	2,543	2,670	2,528	...	...
Stocks, end of period:																
Oven-coke plants, total ... do....	6,724	...	...	7,455	...	...	7,871	...	...	7,969	...	...	...	...	...	...
At furnace plants ... do....	6,320	...	...	7,015	...	...	7,489	...	...	7,639	...	...	...	...	...	...
At merchant plants ... do....	403	...	...	440	...	...	382	...	...	330	...	...	...	...	...	...
Petroleum coke ‡ ... do....	900	1,344	894	939	959	963	1,091	1,171	1,088	1,244	1,168	1,339	1,344	1,407	...	...
Exports ... do....	1,251	1,109	105	97	37	154	175	129	61	141	62	66	34	66	51	...
PETROLEUM AND PRODUCTS																
Crude petroleum:																
Oil wells completed ... number..	37,684	40,329	3,036	3,750	3,683	3,459	3,899	3,286	2,848	3,360	2,838	3,282	4,090	2,381	2,899	...
Price, wholesale ... Index, 1967=100..	803.5	...	770.3	744.8	717.9	717.8	718.2	718.4	718.4	718.3	735.3	r733.6	720.4	720.1	693.3	678.5
Gross input to crude oil distillation units ... mil. bbl..	4,656.5	4,447.0	325.4	361.7	353.0	378.9	388.4	399.8	380.3	376.3	376.7	364.7	368.9	354.1	...	...
Refinery operating ratio ... % of capacity..	69	70	65	65	66	68	74	75	72	74	71	71	70	68	...	...
All oils, supply, demand, and stocks: ‡																
New supply, total ¶ ... mil. bbl..	5,905.7	5,591.6	418.6	454.9	437.5	465.2	464.1	495.7	479.2	470.0	480.9	483.1	462.2	456.6	...	...
Production:																
Crude petroleum ... do....	3,124.6	3,165.0	243.3	266.5	259.6	268.5	260.4	268.1	269.7	262.0	269.0	260.7	268.5	267.7	...	...
Natural gas plant liquids ... do....	597.9	586.4	44.0	50.1	49.3	48.4	46.8	49.0	49.6	47.2	49.8	50.6	52.3	53.4	...	...
Imports:																
Crude and unfinished oils ... do....	1,642.8	1,327.1	86.9	92.7	88.0	107.3	117.6	136.9	123.7	114.3	119.0	122.6	99.4	97.4	...	...
Refined products ... do....	540.4	513.1	44.4	45.6	40.6	41.0	39.2	41.8	36.1	46.5	43.1	49.2	42.0	38.2	...	...
Change in stocks, all oils (decrease,—) ... do....	68.3	-59.6	-29.5	-30.5	-51.0	-0.5	12.9	31.6	13.5	7.1	19.2	21.4	-26.2	23.9	...	...
Demand, total ... do....	6,057.2	5,865.2	468.9	509.7	505.0	485.1	469.0	480.9	486.6	471.3	488.3	474.5	507.4	487.9	...	...
Exports:																
Crude petroleum ... do....	83.2	86.3	8.5	10.0	5.2	8.1	2.8	7.1	9.4	5.5	8.4	7.9	6.0	3.6	...	...
Refined products ... do....	133.9	211.2	14.0	17.4	18.3	16.8	18.3	15.9	17.2	18.2	20.5	15.7	20.7	26.5	...	...

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	1981	1982	1982											1983		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
PETROLEUM, COAL, AND PRODUCTS—Continued																
PETROLEUM AND PRODUCTS—Continued																
All oils, supply, demand, and stocks ‡—Continued																
Domestic product demand, total # ... do	5,840.2	5,567.6	446.4	482.3	481.4	460.2	447.9	457.9	460.0	447.6	459.4	450.9	480.8	457.7	...	...
Gasoline ... do	2,414.9	2,395.6	170.5	205.8	207.5	207.0	205.4	211.7	207.4	196.2	198.9	197.2	203.6	185.8	...	...
Kerosene ... do	46.2	46.8	5.0	3.6	3.4	3.2	2.5	3.0	2.4	3.2	4.1	4.2	5.8	5.6	...	...
Distillate fuel oil ... do	1,032.8	975.5	89.2	89.3	89.9	75.8	73.5	64.6	69.1	75.4	80.2	74.2	88.5	85.6	...	...
Residual fuel oil ... do	752.5	618.4	63.3	59.3	56.0	48.1	45.1	45.4	47.7	44.2	45.4	47.9	49.7	48.8	...	...
Jet fuel ... do	368.6	367.7	29.7	30.3	30.0	31.2	29.6	30.6	30.2	31.0	29.8	31.4	32.6	29.3	...	...
Lubricants ... do	56.0	50.9	4.2	4.2	4.6	4.1	4.5	4.3	4.2	4.5	4.1	4.8	3.5	3.3	...	...
Asphalt ... do	124.8	124.5	4.3	5.2	7.1	10.5	14.3	16.7	18.2	15.4	15.2	8.9	5.6	[3]3.7	...	...
Liquefied gases ... do	542.2	563.5	47.6	47.4	45.8	44.4	38.6	46.1	42.1	45.8	45.9	49.0	52.8	64.7	...	...
Stocks, end of period, total ... do	1,488.5	1,428.9	1,431.4	1,400.9	1,349.9	1,349.4	1,362.3	1,393.9	1,407.4	1,414.5	1,433.7	1,455.2	1,428.9	1,452.8	...	...
Crude petroleum ... do	598.8	641.6	612.2	614.2	611.0	609.5	606.9	611.7	625.4	617.8	635.3	646.0	641.6	661.5	...	...
Strategic petroleum reserve ... do	230.3	293.8	241.2	248.5	255.5	261.0	264.1	267.2	273.6	277.9	284.6	290.0	293.8	300.6	...	...
Unfinished oils, natural gasoline, etc ... do	176.8	158.0	184.0	183.5	178.4	174.5	174.1	176.4	171.9	173.9	167.6	165.3	158.0	165.6	...	...
Refined products ... do	712.9	629.3	635.2	603.1	560.4	565.4	581.2	605.8	610.1	622.8	630.9	643.9	629.3	625.7	...	...
Refined petroleum products: ‡																
Gasoline (incl. aviation):																
Production ... mil. bbl.	2,350.8	2,325.4	166.3	186.8	183.7	196.8	203.9	211.3	201.0	196.6	194.6	188.9	203.1	187.3	...	...
Stocks, end of period ... do	205.8	196.7	216.1	201.5	182.0	176.2	180.2	185.3	187.2	193.5	194.3	191.9	196.7	210.9	...	...
Prices (excl. aviation):																
Wholesale, regular ... Index, 2/73=100	666.0	...	642.3	621.1	578.6	555.7	582.7	628.8	636.3	628.4	617.2	[r]608.7	600.7	578.8	553.5	536.3
Retail, regular grade (Lundberg/Platt's): ¶																
Leaded ... $ per gal.	(1)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Unleaded * ... do	(1)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Aviation gasoline:																
Production ... mil. bbl.	11.5	8.9	0.6	0.7	0.5	0.9	0.9	0.9	1.1	0.7	0.8	0.7	0.4	0.7	...	...
Stocks, end of period ... do	2.7	2.3	2.7	2.6	2.4	2.5	2.4	2.4	2.4	2.2	2.2	2.5	2.3	2.6	...	...
Kerosene:																
Production ... do	43.6	42.0	4.3	3.3	3.6	2.4	2.7	2.7	2.6	3.4	4.0	4.3	4.4	4.1	...	...
Stocks, end of period ... do	11.1	10.4	9.1	8.8	9.6	8.9	9.2	9.1	9.5	9.8	10.2	11.3	10.4	9.4	...	...
Price, wholesale (light distillate) Index, 1967=100	1,039.8	...	1,034.3	1,027.9	1,009.1	975.9	974.2	984.4	983.0	976.3	969.7	[r]985.9	991.1	974.1	958.0	938.2
Distillate fuel oil:																
Production ... mil. bbl.	954.9	953.4	68.5	71.1	70.7	81.2	81.9	84.8	78.3	79.7	88.0	85.9	82.3	71.7	...	...
Imports ... do	61.0	33.8	3.6	1.5	1.8	2.3	3.0	3.8	2.4	1.8	3.0	4.2	3.4	1.8	...	...
Stocks, end of period ... do	190.2	178.6	146.7	127.7	108.8	114.5	124.6	148.2	158.9	161.2	170.2	185.6	178.6	168.2	...	...
Price, wholesale (middle distillate) Index, 1967=100	1,058.1	...	1,058.2	1,029.3	953.6	928.7	974.6	1,024.0	1,022.2	998.8	999.2	[r]1,041.5	1,053.6	984.4	926.5	871.8
Residual fuel oil:																
Production ... mil. bbl.	480.3	388.6	31.8	34.7	34.9	34.9	32.3	31.9	31.2	30.2	29.6	29.7	30.7	29.0	...	...
Imports ... do	290.6	276.7	26.0	28.2	22.9	22.9	19.3	17.8	16.1	26.1	23.5	25.3	23.2	21.4	...	...
Stocks, end of period ... do	78.3	66.2	58.1	57.3	53.6	59.1	60.5	59.0	52.8	61.8	63.6	66.4	66.2	60.7	...	...
Price, wholesale ... Index, 1967=100	1,239.0	...	1,177.6	1,163.0	1,182.7	1,191.6	1,229.5	1,237.1	1,250.0	1,120.7	1,129.0	[r]1,139.3	1,121.0	1,126.7	1,104.5	1,053.0
Jet fuel:																
Production ... mil. bbl.	353.5	356.5	28.0	34.7	30.3	27.9	27.9	29.9	30.4	29.3	30.4	30.5	29.4	31.2	...	...
Stocks, end of period ... do	40.5	36.8	37.0	42.5	44.1	41.8	40.1	39.8	40.8	39.7	40.9	40.5	36.8	41.7	...	...
Lubricants:																
Production ... do	60.6	51.6	4.1	4.3	4.5	4.6	4.6	4.6	4.4	3.9	4.4	4.4	3.6	4.2	...	...
Stocks, end of period ... do	14.2	12.5	14.3	13.7	13.4	13.5	13.4	13.5	13.4	12.7	12.6	12.6	12.5	14.0	...	...
Asphalt:																
Production ... do	124.2	119.6	5.4	7.0	8.0	10.5	12.4	13.1	13.3	12.4	13.6	9.7	7.5	[4]6.4	...	...
Stocks, end of period ... do	19.5	15.9	24.3	26.1	27.1	27.1	25.6	22.1	17.4	14.6	13.1	14.1	15.9	[4]19.9	...	...
Liquefied gases (incl. ethane and ethylene):																
Production, total ... do	583.4	572.9	41.3	47.2	47.0	49.1	47.1	48.2	49.3	48.2	49.0	48.1	50.4	51.5	...	...
At gas processing plants (L.P.G.) ... do	467.9	473.9	34.8	39.2	39.1	40.4	38.3	38.9	40.5	38.9	41.0	40.3	42.0	43.0	...	...
At refineries (L.R.G.) ... do	115.6	99.0	6.6	8.0	7.8	8.7	8.8	9.3	8.9	9.3	8.0	7.8	8.4	8.5	...	...
Stocks (at plants and refineries) ... do	137.0	95.1	113.5	109.0	105.8	107.7	110.9	111.1	112.5	111.5	108.6	103.5	95.1	83.6	...	...
PULP, PAPER, AND PAPER PRODUCTS																
PULPWOOD AND WASTE PAPER																
Pulpwood:																
Receipts ... thous. cords (128 cu.ft.)	[3]79,547	(2)	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Consumption ... do	[3]79,604	(2)	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Stocks, end of period ... do	6,045	(2)	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Waste paper:																
Consumption ... thous. sh. tons	[3]13,523	(2)	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Stocks, end of period ... do	993	(2)	...	...	...	...	...	...	...	...	...	...	...	...	...	...
WOODPULP																
Production:																
Total, all grades # ... thous. sh. tons	[3]51,783	(2)	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dissolving and special alpha ... do	1,366	(2)	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sulfate ... do	39,597	(2)	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sulfite ... do	1,812	(2)	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Groundwood ... do	5,038	(2)	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Semichemical ... do	3,940	(2)	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Stocks, end of period:																
Total, all mills ... do	1,198	(2)	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pulp mills ... do	690	(2)	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Paper and board mills ... do	454	(2)	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nonpaper mills ... do	54	(2)	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Exports, all grades, total ... do	[3]3,678	[3]3,395	303	319	316	326	302	261	279	298	237	247	285	234	271	...
Dissolving and special alpha ... do	784	631	42	62	52	69	55	32	60	52	50	55	51	59	30	...
All other ... do	[3]2,894	[3]2,763	261	257	264	257	247	229	219	246	186	192	234	174	240	...
Imports, all grades, total ... do	[3]4,086	[3]3,894	310	296	306	302	287	289	350	541	303	375	264	309	265	...
Dissolving and special alpha ... do	201	162	9	10	22	8	12	6	17	8	18	18	8	23	9	...
All other ... do	[3]3,885	[3]3,732	301	286	284	294	275	283	333	533	285	357	256	286	257	...

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	1981	1982	1982											1983		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
PULP, PAPER, AND PAPER PRODUCTS—Continued																
PAPER AND PAPER PRODUCTS																
Paper and board:																
Production (Bu. of the Census):																
All grades, total, unadjusted ..... thous. sh. tons..	66,439	(5)	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Paper ..... do....	30,669	(5)	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Paperboard ..... do....	31,561	(5)	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wet-machine board ..... do....	160	(5)	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Construction paper and board ..... do....	3,846	(5)	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Producer price indexes:																
Paperboard ..... 1967=100..	258.1	254.9	261.4	261.1	261.2	258.8	255.9	255.0	255.4	250.7	248.0	247.6	244.5	243.6	244.0	246.6
Building paper and board ..... do....	231.7	239.4	231.4	239.6	236.3	240.2	240.0	239.8	244.4	243.4	241.5	r241.0	241.4	240.5	240.8	243.3
Selected types of paper (API):																
Groundwood paper, uncoated:																
Orders, new ..... thous. sh. tons..	1,449	r1,457	112	123	140	116	113	138	113	125	131	121	r108	r123	110	...
Orders, unfilled, end of period ..... do....	100	91	95	98	104	102	99	117	100	104	99	93	91	96	101	...
Shipments ..... do....	1,463	1,446	108	126	123	115	118	121	124	121	139	126	112	r116	109	...
Coated paper:																
Orders, new ..... do....	4,853	r4,997	411	407	408	381	432	399	443	407	446	r415	r412	r444	401	...
Orders, unfilled, end of period ..... do....	360	325	361	332	336	307	306	312	307	285	282	r308	r325	318	307	...
Shipments ..... do....	4,940	5,031	389	437	409	408	431	400	443	433	447	433	398	r442	413	...
Uncoated free sheet papers:																
Orders, new ..... do....	7,735	r7,836	612	713	641	621	645	610	674	640	684	r656	r642	r704	659	...
Shipments ..... do....	8,234	8,187	658	745	689	669	670	628	705	684	716	695	649	r736	655	...
Unbleached kraft packaging and industrial converting papers:																
Shipments ..... thous. sh. tons..	3,873	3,657	324	343	288	272	291	271	326	296	315	327	274	r330	307	...
Tissue paper, production ..... do....	4,518	4,438	365	406	356	365	358	339	383	359	387	383	374	390	390	...
Newsprint:																
Canada:																
Production ..... thous. metric tons..	8,946	8,117	717	760	694	743	652	617	642	557	698	657	599	685	653	...
Shipments from mills ..... do....	8,915	8,074	696	742	705	718	610	614	598	601	684	691	744	604	605	...
Stocks at mills, end of period ..... do....	194	250	325	343	332	357	399	402	446	403	417	395	250	331	380	...
United States:																
Production ..... do....	4,753	4,574	378	420	396	385	383	363	372	353	406	373	330	403	378	...
Shipments from mills ..... do....	4,735	4,525	376	413	374	376	381	351	363	353	398	389	346	370	350	...
Stocks at mills, end of period ..... do....	38	86	48	55	76	86	89	101	110	110	118	102	86	119	147	...
Consumption by publishers ¶ ..... do....	10,165	r10,115	r774	r867	r862	879	r803	r769	r806	r836	r928	r893	r908	r809	761	...
Stocks at and in transit to publishers, end of period ..... thous. metric tons..	961	854	1,038	1,068	1,045	1,012	1,003	992	952	898	861	832	854	r801	827	...
Imports ..... thous. sh. tons..	6,977	6,531	524	608	503	620	570	460	520	489	587	567	498	545	433	...
Price, rolls, contract, f.o.b. mill, freight allowed or delivered ..... Index, 1967=100..	308.0	316.2	318.1	318.1	321.1	322.4	319.4	318.4	318.4	318.4	318.4	r299.8	300.7	300.7	299.1	299.1
Paper products:																
Shipping containers, corrugated and solid fiber shipments ..... mil. sq. ft. surf. area..	246,152	234,846	r18,706	21,218	19,941	18,720	20,071	18,610	20,414	20,657	21,064	19,043	17,540	19,980	18,715	...
Folding paper boxes, shipments .... thous. sh. tons..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
mil. $..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
RUBBER AND RUBBER PRODUCTS																
RUBBER																
Natural rubber:																
Consumption ..... thous. metric tons..	634.67	617.00	51.64	53.56	54.40	48.69	53.73	48.16	48.06	58.08	53.61	51.79	45.17	...	...	...
Stocks, end of period ..... do....	142.43	123.25	138.02	134.39	67.00	126.26	121.88	62.06	115.27	105.71	110.56	113.65	123.25	...	...	...
Imports, incl. latex and guayule .... thous. lg. tons..	662.41	618.27	59.33	45.71	53.86	56.19	63.39	38.67	54.35	40.60	54.36	51.37	49.45	33.01	49.63	...
Price, wholesale, smoked sheets (N.Y.).... $ per lb..	0.576	0.453	0.465	0.470	0.453	0.453	0.461	0.465	0.468	0.445	0.426	0.421	0.418	0.440	0.485	0.578
Synthetic rubber:																
Production ..... thous. metric tons..	2,021.45	1,632.20	145.76	170.32	154.86	155.44	139.71	117.46	124.91	127.19	135.18	108.11	103.79	...	...	...
Consumption ..... do....	1,889.71	1,624.80	138.94	149.88	134.63	133.07	132.19	106.50	135.22	151.80	118.42	129.75	141.45	...	...	...
Stocks, end of period ..... do....	349.02	267.42	340.43	356.30	376.91	375.59	374.70	357.91	345.48	310.25	327.59	305.98	267.42	...	...	...
Exports (Bu. of Census) ..... thous. lg. tons..	334.63	284.62	23.46	31.18	26.53	24.73	25.23	20.40	22.04	22.83	21.13	20.47	18.86	20.24	18.61	...
TIRES AND TUBES																
Pneumatic casings, automotive:																
Production ..... thous..	181,762	178,500	15,387	17,051	15,077	14,856	15,669	12,293	14,835	15,528	15,381	13,585	13,972	...	...	...
Shipments, total ..... do....	201,105	201,236	13,704	17,312	17,676	18,216	19,428	16,421	17,700	18,938	17,851	15,325	14,521	...	...	...
Original equipment ..... do....	41,711	38,633	2,769	3,697	3,679	3,970	4,074	3,038	2,817	3,022	2,919	2,652	3,518	...	...	...
Replacement equipment ..... do....	153,716	158,688	10,573	13,216	13,652	13,989	15,018	13,199	14,625	15,583	14,605	12,337	10,606	...	...	...
Exports ..... do....	5,678	3,915	362	399	345	257	336	264	258	333	327	336	397	...	...	...
Stocks, end of period ..... do....	40,863	39,955	46,254	47,817	46,583	45,337	43,475	40,763	40,192	38,685	38,116	38,436	39,955	...	...	...
Exports (Bu. of Census) ..... do....	11,088	5,971	461	614	454	463	653	381	454	385	489	377	474	308	352	...
Inner tubes, automotive:																
Exports (Bu. of Census) ..... do....	3,428	1,924	151	254	174	102	178	195	162	201	192	162	113	174	72	...

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	1981	1982	1982											1983		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
STONE, CLAY, AND GLASS PRODUCTS																
PORTLAND CEMENT																
Shipments, finished cement ..... thous. bbl..	[1]382,692	[1]343,463	17,755	25,729	28,213	30,984	35,388	34,527	35,957	35,351	34,106	27,431	22,718	18,931	17,660	.....
CLAY CONSTRUCTION PRODUCTS																
Shipments:																
Brick, unglazed (common and face) mil. standard brick..	5,059.2	[r]4,408.6	213.7	345.1	370.9	398.4	439.2	426.2	425.5	444.6	435.8	397.5	[r]335.1	310.2	.....	.....
Structural tile, except facing..... thous. sh. tons..	71.6	40.9	2.7	3.5	2.6	3.7	4.8	3.8	3.5	4.3	3.6	2.4	2.9	2.4	.....	.....
Sewer pipe and fittings, vitrified..... do....	433.4	325.0	13.4	23.3	25.9	29.0	31.0	31.6	34.8	37.5	36.6	28.5	18.6	21.9	.....	.....
Facing tile (hollow), glazed and unglazed mil. brick equivalent..	39.3	[8]11.3	1.6	2.5	3.0	2.4	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(7)	.....	.....
Floor and wall tile and accessories, glazed and unglazed..... mi. sq. ft..	299.8	[r]294.9	20.7	27.0	25.7	23.4	26.1	23.4	26.6	26.6	25.9	24.9	[r]23.9	23.3	.....	.....
Price index, brick (common), f.o.b. plant or N.Y. dock ..... 1967=100..	300.2	.....	304.2	304.2	308.4	309.5	310.0	310.9	319.0	319.2	319.2	[r]320.7	322.1	322.3	322.3	335.3
GLASS AND GLASS PRODUCTS																
Flat glass, mfrs.' shipments..... thous. $..	952,283	871,331	.....	194,972	.....	.....	219,074	.....	.....	220,472	.....	.....	236,813	.....	.....	.....
Glass containers:																
Production.....thous. gross..	321,373	309,376	26,095	29,204	26,673	27,293	27,934	25,982	28,009	24,714	27,716	23,364	17,950	23,425	.....	.....
Shipments, domestic, total ‡ ..... do....	319,022	[5]307,231	23,307	27,448	26,259	26,774	28,991	25,165	28,184	26,515	25,956	22,888	21,013	23,062	.....	.....
Narrow-neck containers:																
Food ..... do....	28,728	31,160	2,208	2,579	2,488	2,520	2,834	2,598	3,489	3,365	2,483	2,086	1,993	2,254	.....	.....
Beverage ..... do....	60,248	61,020	4,103	5,299	5,156	5,699	6,326	5,732	6,029	5,193	4,888	4,482	4,417	4,366	.....	.....
Beer..... do....	115,680	104,483	8,462	9,503	9,509	9,695	10,254	8,661	9,111	8,261	8,122	7,599	6,747	7,416	.....	.....
Liquor and wine..... do....	24,003	22,266	1,541	1,947	1,865	1,852	1,943	1,607	1,777	1,849	2,165	1,937	1,686	1,849	.....	.....
Wide-mouth containers:																
Food and dairy products .....thous. gross..	62,404	63,372	4,906	5,764	4,989	4,978	5,417	4,832	5,752	5,840	5,891	4,965	4,547	4,971	.....	.....
Narrow-neck and wide-mouth containers:																
Medicinal and toilet ..... do....	25,119	22,315	1,875	2,095	1,982	1,848	2,019	1,542	1,767	1,790	2,177	1,647	1,457	2,013	.....	.....
Chemical, household and industrial ..... do....	2,840	2,615	212	261	270	182	198	193	259	217	230	172	166	193	.....	.....
Stocks, end of period ..... do....	46,683	45,634	49,124	50,405	51,009	51,433	49,982	50,532	50,244	52,988	49,467	48,718	45,634	46,176	.....	.....
GYPSUM AND PRODUCTS @																
Production:																
Crude gypsum (exc. byproduct) .... thous. sh. tons..	11,497	10,863	844	820	886	855	949	912	1,009	966	1,044	898	895	925	.....	.....
Calcined ..... do....	11,687	10,967	688	919	971	809	965	923	945	971	1,036	945	923	986	.....	.....
Imports, crude gypsum ..... do....	7,593	6,718	397	405	218	531	772	469	728	733	724	625	742	401	.....	.....
Sales of gypsum products:																
Uncalcined..... do....	4,904	[1]4,528	294	277	327	401	421	384	394	445	411	342	488	283	.....	.....
Calcined:																
Industrial plasters ..... do....	370	[1]430	26	30	40	39	38	34	37	37	40	34	31	31	.....	.....
Building plasters:																
Regular basecoat ..... do....	225	(6)	17	21	16	14	16	16	15	(6)	(6)	(6)	(6)	(6)	.....	.....
All other (incl. Keene's cement) ..... do....	157	[6]264	9	13	7	6	8	7	8	[6]23	[6]21	[6]21	[6]20	[6]21	.....	.....
Board products, total ..... mil. sq. ft..	13,759	13,093	876	1,087	1,100	971	1,120	1,098	1,169	1,140	1,216	1,134	1,218	1,132	.....	.....
Lath ..... do....	59	39	3	4	3	3	4	3	4	3	3	3	3	3	.....	.....
Veneer base..... do....	325	286	18	25	24	20	26	24	26	23	25	25	28	23	.....	.....
Gypsum sheathing..... do....	208	264	15	18	20	20	25	22	23	25	27	28	27	26	.....	.....
Regular gypsum board ..... do....	9,295	8,447	564	704	716	618	716	702	749	733	774	741	801	718	.....	.....
Type X gypsum board ..... do....	3,446	3,486	236	286	286	262	299	298	315	303	330	293	319	301	.....	.....
Predecorated wallboard ..... do....	122	119	9	11	10	9	11	10	11	10	10	10	9	9	.....	.....
5/16 mobile home board ..... do....	[4]304	453	31	39	41	38	40	38	42	42	47	35	31	52	.....	.....
TEXTILE PRODUCTS																
FABRIC																
Woven fabric, finishing plants: *																
Production (finished fabric)..... mil. linear yd..	7,514	6,656	550	[3]695	540	531	[3]663	366	525	[3]661	534	526	[3]570	501	.....	.....
Cotton..... do....	2,652	2,465	196	[3]255	194	196	[3]259	133	200	[3]259	201	193	[3]207	201	.....	.....
Manmade fiber and silk fabrics ..... do....	4,962	4,192	354	[3]440	346	335	[3]403	233	325	[3]402	334	334	[3]363	300	.....	.....
Inventories held at end of period ..... do....	686	637	742	729	722	692	660	662	673	652	668	664	637	620	.....	.....
Cotton..... do....	273	257	312	314	306	293	282	282	285	267	278	271	257	254	.....	.....
Manmade fiber and silk fabrics ..... do....	413	380	430	414	416	400	378	380	389	385	390	393	380	364	.....	.....
Backlog of finishing orders ..... do....	.....	.....	575	585	592	554	529	485	439	456	450	420	430	470	.....	.....
Cotton..... do....	.....	.....	255	269	264	254	194	182	178	185	195	186	222	225	.....	.....
Manmade fiber and silk fabrics ..... do....	.....	.....	320	317	328	300	334	302	261	271	255	234	208	245	.....	.....
COTTON																
Cotton (excluding linters):																
Production:																
Ginnings ¶ ..... thous. running bales..	[2]15,150	[r2]11,528	.....	.....	.....	.....	.....	40	453	1,531	5,290	8,826	10,580	.....	.....	.....
Crop estimate .....thous. net weight bales §..	[2]15,646	12,019	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12,019	.....	.....	.....
Consumption.....thous. running bales..	5,409	4,938	398	[3]493	410	392	[3]460	317	386	[3]474	416	390	[3]425	404	431	.....
Stocks in the United States, total, end of period # thous. running bales..	13,777	14,232	11,424	10,060	8,976	8,117	7,170	6,399	16,362	16,439	15,731	15,033	14,232	13,449	13,231	12,435
Domestic cotton, total..... do....	13,776	14,227	11,422	10,058	8,974	8,116	7,169	6,397	16,359	16,436	15,728	15,031	14,229	13,446	13,228	12,432
On farms and in transit ..... do....	3,752	2,433	1,810	1,221	953	924	728	300	10,617	10,475	7,545	4,209	2,433	1,597	1,432	583
Public storage and compresses ..... do....	9,268	11,101	8,729	7,921	7,112	6,292	5,542	5,269	4,998	5,293	7,575	10,190	11,101	11,080	11,101	11,080
Consuming establishments..... do....	756	695	883	916	909	900	899	828	744	668	608	632	695	769	695	769

See footnotes at end of tables.

TEXTILE PRODUCTS—Continued

Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	1981	1982	1982											1983		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
COTTON AND MANUFACTURES—Cont.																
Cotton (excluding linters)—Continued																
Exports ... thous. running bales..	8,021	6,079	754	873	676	484	498	396	342	351	293	382	377	438	368	...
Imports ... thous. net-weight bales §..	17	39	...	(6)	4	13	4	1	2	10	1	3	(6)	1	(6)	...
Price (farm), American upland ¶ ... cents per lb..	54.5	...	49.1	50.4	54.3	55.8	58.1	59.9	52.8	55.5	59.8	59.9	57.3	56.0	r56.4	p58.2
Price, Strict Low Middling, Grade 41, staple 34 (1-1/16"), average 10 markets ... cents per lb..	3 83.0	60.5	57.3	59.7	62.0	62.4	61.1	65.0	60.4	59.0	58.6	58.2	59.6	60.2	61.7	66.0
Spindle activity (cotton system spindles):																
Active spindles, last working day, total ... mil..	15.4	14.2	15.3	15.3	15.2	15.3	14.9	14.7	14.6	14.5	14.4	14.3	14.2	14.4	...	...
Consuming 100 percent cotton ... do....	5.5	5.3	5.5	5.5	5.5	5.6	5.6	5.5	5.4	5.3	5.3	5.2	5.3	5.3	5.3	...
Spindle hours operated, all fibers, total ... bil..	91.8	61.7	6.8	4 8.3	6.7	6.6	4 7.8	5.4	6.3	4 7.7	6.6	6.2	6.7	6.4	...	...
Average per working day ... do....	0.357	0.320	0.339	0.414	0.337	0.327	0.310	0.268	0.314	0.307	0.328	0.309	0.270	0.318	...	...
Consuming 100 percent cotton ... do....	33.6	30.2	2.4	4 3.0	2.5	2.5	4 2.9	2.0	2.4	4 2.8	2.5	2.3	2.6	2.3	2.5	...
Cotton cloth:																
Cotton broadwoven goods over 12" in width:																
Production (qtrly.) ... mil. sq. yd..	3,913	3,645	...	983	...	...	r964	...	...	874	...	...	825	...	...	...
Orders, unfilled, end of period, compared with avg. weekly production ... no. weeks' prod..	14.1	11.1	12.5	12.7	11.5	9.6	8.8	12.7	10.7	9.2	8.6	9.4	11.8	...	...	...
Inventories, end of period, compared with avg. weekly production ... no. weeks' prod..	5.6	7.1	7.0	7.3	7.1	6.3	7.2	11.2	8.7	5.9	5.8	5.7	6.1	...	...	...
Ratio of stocks to unfilled orders (at cotton mills), end of period ...	0.40	0.65	0.56	0.58	0.62	0.65	0.82	0.88	0.81	0.63	0.68	0.61	0.52	...	...	...
Exports, raw cotton equiv. thous. net-weight § ... 480 lb. bales..	345.6	239.2	18.6	20.4	20.6	24.3	24.8	22.7	15.7	18.4	20.7	18.4	16.4	...	...	...
Imports, raw cotton equivalent ... do....	766.3	601.3	55.1	47.4	45.4	54.1	47.8	41.4	48.7	49.3	44.4	53.6	47.6	...	...	...
MANMADE FIBERS AND MANUFACTURES																
Fiber production, qtrly:																
Acetate filament yarn ... mil. lb..	257.0	...	...	52.9	...	...	...	...	...	...	...	...	...	...	...	...
Rayon staple, including tow ... do....	460.6	...	...	95.4	...	...	...	...	...	...	...	...	...	...	...	...
Noncellulosic, except textile glass:																
Yarn and monofilaments ... do....	3,792.8	...	...	785.4	...	...	...	...	...	...	...	...	...	...	...	...
Staple, incl. tow ... do....	4,191.1	...	...	864.6	...	...	...	...	...	...	...	...	...	...	...	...
Textile glass fiber ... do....	1,041.1	...	...	206.9	...	...	...	...	...	...	...	...	...	...	...	...
Fiber stocks, producers', end of period:																
Acetate filament yarn ... mil. lb..	14.3	...	...	13.5	...	...	...	...	...	...	...	...	...	...	...	...
Rayon staple, including tow ... do....	31.1	...	...	38.2	...	...	...	...	...	...	...	...	...	...	...	...
Noncellulosic fiber, except textile glass:																
Yarn and monofilaments ... do....	337.0	...	...	330.7	...	...	...	...	...	...	...	...	...	...	...	...
Staple, incl. tow ... do....	329.8	...	...	340.3	...	...	...	...	...	...	...	...	...	...	...	...
Textile glass fiber ... do....	146.2	...	...	151.8	...	...	...	...	...	...	...	...	...	...	...	...
Manmade fiber and silk broadwoven fabrics:																
Production (qtrly.), total # ... mil. sq. yd..	11,228.7	9,091.6	...	2,352.3	...	...	r2,281.0	...	...	2,171.3	...	...	2,287.0	...	...	...
Filament yarn (100%) fabrics # ... do....	3,850.9	3,305.5	...	769.0	...	...	r829.9	...	...	805.9	...	...	900.7	...	...	...
Chiefly rayon and/or acetate fabrics ... do....	...	379.2	...	95.5	...	...	105.8	...	...	89.6	...	...	88.3	...	...	...
Chiefly nylon fabrics ... do....	...	427.5	...	110.3	...	...	r105.5	...	...	100.2	...	...	111.5	...	...	...
Spun yarn (100%) fabrics, exc. blanketing # do....	6,431.4	4,736.3	...	1,326.3	...	...	r1,194.7	...	...	1,094.5	...	...	1,120.8	...	...	...
Rayon and/or acetate fabrics, blends ... do....	584.1	118.5	...	30.5	...	...	r28.6	...	...	26.9	...	...	32.5	...	...	...
Polyester blends with cotton ... do....	4,517.0	3,547.0	...	1,009.3	...	...	r905.0	...	...	817.8	...	...	814.9	...	...	...
Acetate filament and spun yarn fabrics ... do....	1,002.2	919.3	...	225.3	...	...	r221.8	...	...	239.2	...	...	233.0	...	...	...
Manmade fiber gray goods, owned by weaving mills:																
Ratio, stocks to unfilled orders, end of period	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Prices, manufacturer to mfr., f.o.b. mill:																
50/50 polyester/carded cotton printcloth, gray, 48", 3.90 yds./lb., 78x54-56 ... $ per yd..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Manmade fiber textile trade:																
Exports, manmade fiber equivalent ... mil. lbs..	637.73	438.55	38.35	39.72	35.96	42.01	44.21	33.93	33.13	35.86	36.87	32.54	31.08	...	...	...
Yarn, tops, thread, cloth ... do....	318.89	200.59	17.13	18.10	15.67	18.42	20.65	16.12	14.70	16.06	16.87	15.78	14.87	...	...	...
Cloth, woven ... do....	208.48	132.57	10.13	11.48	10.59	12.11	13.36	10.66	9.32	11.29	12.03	11.53	10.35	...	...	...
Manufactured prods., apparel, furnishings do....	318.84	237.96	21.22	21.61	20.29	23.59	23.56	17.80	18.44	19.80	19.98	16.76	16.21	...	...	...
Imports, manmade fiber equivalent ... do....	639.08	807.10	48.07	47.74	40.14	67.85	91.93	77.34	100.05	82.75	70.14	68.76	59.16	...	...	...
Yarn, tops, thread, cloth ... do....	130.52	132.58	8.73	9.33	9.58	12.27	12.48	9.50	14.40	12.95	10.65	11.78	10.04	...	...	...
Cloth, woven ... do....	95.38	93.34	6.58	6.82	6.79	8.74	9.14	6.58	10.44	9.07	7.41	7.69	6.31	...	...	...
Manufactured prods., apparel, furnishings do....	508.56	674.51	39.34	38.41	30.56	55.58	79.46	67.83	85.65	69.80	59.49	56.97	49.12	...	...	...
Apparel, total ... do....	434.87	485.31	33.95	32.29	25.39	40.45	53.04	43.58	60.91	48.38	40.59	37.82	32.45	...	...	...
Knit apparel ... do....	184.70	193.09	11.22	10.55	8.56	15.32	21.76	17.80	26.41	21.52	20.04	16.64	10.80	...	...	...
WOOL AND MANUFACTURES																
Wool consumption, mill (clean basis):																
Apparel class ... mil. lb..	127.8	105.0	9.6	4 12.8	9.1	8.2	4 9.4	5.9	8.0	4 8.3	7.1	7.7	4 9.4	8.8	9.6	...
Carpet class ... do....	10.9	9.8	0.9	4 1.0	0.7	0.9	4 0.8	0.6	1.0	4 1.2	0.7	0.8	4 0.6	0.8	1.0	...
Wool imports, clean yield ... do....	2 75.3	61.4	6.3	6.6	4.9	6.0	6.6	4.0	4.2	4.7	2.9	3.6	3.7	6.0	...	...
Duty-free ... do....	26.1	21.4	1.6	1.8	2.0	2.0	2.6	1.7	2.0	1.8	1.4	1.3	1.2	2.2	...	...
Wool prices, raw, shorn, clean basis, delivered to U.S. mills:																
Domestic—Graded territory, 64's, staple 2-3/4" and up ... cents per lb..	5 2.78	...	2.63	2.44	2.40	2.40	2.40	2.40	2.40	2.40	...	...	...	...	...	1.92
Australian, 64's, Type 62, duty-paid ... do....	5 3.16	2.99	3.03	3.13	3.23	3.36	3.21	3.04	2.94	2.87	2.76	2.69	2.67	2.79	2.79	2.73
Wool broadwoven goods, exc. felts:																
Production (qtrly.) ... mil. sq. yd..	165.0	115.9	...	38.1	...	...	36.1	...	...	18.8	...	...	22.9	...	...	...
FLOOR COVERINGS																
Carpet, rugs, carpeting (woven, tufted, other), shipments, quarterly ... mil. sq. yds..	990.6	909.3	...	214.0	...	...	242.7	...	...	226.7	...	...	225.9	...	...	...
APPAREL																
Women's, misses', juniors' apparel cuttings:																
Coats ... thous. units..	14,845	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dresses ... do....	136,176	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Suits (incl. pant suits, jumpsuits) ... do....	13,605	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Skirts ... do....	91,025	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Blouses ... thous. dozen..	30,322	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	1981	1982	1982											1983		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
TEXTILE PRODUCTS—Continued																
APPAREL—Continued																
Men's apparel cuttings:																
Suits ... thous. units..	14,686	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Coats (separate), dress and sport ... do....	17,880	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Trousers (separate), dress ... do....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Slacks (jean cut), casual ... do....	175,445	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Shirts, dress and sport ... thous. doz..	38,112	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hosiery, shipments ... thous. doz. pairs..	304,826	288,704	r21,644	r23,979	r24,017	22,248	23,888	29,632	22,725	24,466	27,540	22,561	20,969	22,996	...	...
TRANSPORTATION EQUIPMENT																
AEROSPACE VEHICLES																
Orders, new (net), qtrly, total @ ... mil. $..	72,852	80,407	...	20,079	...	...	r18,302	...	...	17,572	...	...	24,454	...	...	...
U.S. Government ... do....	39,102	48,584	...	11,016	...	...	r10,657	...	...	r10,579	...	...	16,332	...	...	...
Prime contract ... do....	70,633	77,773	...	19,407	...	...	r17,680	...	...	16,919	...	...	23,767	...	...	...
Sales (net), receipts, or billings, qtrly, total ... do....	69,944	73,953	...	16,719	...	...	18,113	...	...	18,869	...	...	20,252	...	...	...
U.S. Government ... do....	33,039	41,381	...	8,740	...	...	9,317	...	...	11,456	...	...	11,868	...	...	...
Backlog of orders, end of period # ... do....	92,640	99,094	...	96,000	...	...	r96,189	...	...	r94,892	...	...	99,094	...	...	...
U.S. Government ... do....	43,262	50,465	...	45,538	...	...	r46,878	...	...	r46,001	...	...	50,465	...	...	...
Aircraft (complete) and parts ... do....	44,555	45,946	...	46,516	...	...	r46,114	...	...	44,138	...	...	45,946	...	...	...
Engines (aircraft) and parts ... do....	13,173	13,551	...	13,545	...	...	r13,334	...	...	13,912	...	...	13,551	...	...	...
Missiles, space vehicle systems, engines, propulsion units, and parts ... mil. $..	11,047	10,934	...	10,997	...	...	r10,693	...	...	10,374	...	...	10,934	...	...	...
Other related operations (conversions, modifications), products, services ... mil. $..	11,314	14,485	...	11,991	...	...	r13,220	...	...	r13,619	...	...	14,485	...	...	...
Aircraft (complete);																
Shipments # # ... do....	13,195.0	r9,297.8	774.2	1,122.0	806.0	956.5	739.9	564.0	466.1	646.5	602.4	624.7	r1,287.3	697.8	...	...
Airframe weight # # ... thous. lb..	89,076	r50,063	3,993	5,857	4,270	5,045	4,059	3,437	2,801	3,665	3,225	3,130	r6,394	3,742	...	...
Exports, commercial ‡‡ ... mil. $..	8,551	4,775	369	809	412	453	434	445	370	77	378	102	421	321	508	...
MOTOR VEHICLES (NEW)																
Passenger cars:																
Factory sales (from U.S. plants), total †† ... thous..	6,225	5,049	320	469	488	510	561	439	356	429	431	407	366	457	[2]491	[2]575
Domestic †† ... do....	5,749	4,696	302	431	441	468	523	405	334	406	406	382	344	431	...	...
Retail sales, total, not seasonally adj † ... do....	8,535	7,980	632	777	669	774	651	630	609	671	656	743	632	596	628	821
Domestics § ... do....	6,209	5,758	457	576	499	584	452	430	409	488	488	558	448	414	442	600
Imports § ... do....	2,326	2,221	175	201	170	190	199	200	200	183	169	185	184	182	185	221
Total, seas, adjusted at annual rate † ... mil..	...	...	8.4	7.7	7.3	8.2	[6]7.0	7.4	7.6	8.3	7.9	9.4	8.7	8.7	8.4	8.2
Domestics § ... do....	...	...	6.2	5.6	5.4	6.2	[6]4.8	5.1	5.4	6.0	5.5	6.8	6.1	6.0	6.0	6.0
Imports § ... do....	...	...	2.2	2.0	1.8	2.0	[6]2.2	2.2	2.2	2.3	2.4	2.6	2.6	2.7	2.3	2.2
Retail inventories, end of period, domestics: § †																
Not seasonally adjusted ... thous..	1,471	1,126	1,325	1,247	1,256	1,213	1,364	1,377	1,379	1,350	1,296	1,164	1,126	1,180	1,248	1,235
Seasonally adjusted ... do....	1,495	1,193	1,241	1,171	1,187	1,146	[6]1,247	1,378	1,531	1,481	1,412	1,229	1,193	1,220	r1,267	1,246
Inventory-retail sales ratio, domestics § † ...	2.9	2.5	2.4	2.5	2.6	2.2	[6]3.1	3.2	3.4	3.0	3.1	2.2	2.4	2.5	2.5	2.5
Exports (BuCensus), assembled cars ... thous..	538.12	374.30	23.87	40.21	49.59	45.70	38.66	34.29	21.18	26.30	27.42	27.39	22.42	26.88	44.33	...
To Canada ... do....	470.86	334.05	19.46	36.03	45.72	42.55	35.72	32.27	18.39	23.70	23.48	23.71	19.60	24.71	42.12	...
Imports (BuCensus), complete units # # ... do....	2,998.6	3,067.0	195.9	285.7	249.2	309.5	275.5	261.9	263.0	217.4	262.8	253.6	232.7	277.3	260.2	...
From Canada, total ... do....	563.9	702.5	58.0	70.4	73.2	71.2	83.3	44.1	47.7	61.0	49.5	56.8	50.2	59.1	69.7	...
Registrations ¶, total new vehicles ... do....	8,444	7,754	546	626	672	708	717	626	627	625	655	678	765	595	569	...
Imports, incl. domestically sponsored ... do....	2,432	2,293	164	176	186	189	206	203	214	200	195	181	220	191	181	...
Trucks and buses:																
Factory sales (from U.S. plants), total @ @ .. thous..	1,701	1,905	144	197	183	193	212	166	142	155	142	127	130	141	[2]167	[2]221
Domestic @ @ ... do....	1,514	1,778	133	184	169	180	197	154	134	146	132	118	122	133	...	...
Retail sales, seasonally adjusted: †																
Light-duty, up to 14,000 lbs. GVW ... do....	[5]1,746.6	[5]2,063.8	175.0	186.0	170.1	191.3	155.3	162.2	140.4	193.8	149.7	199.4	179.2	[7]168.9	160.4	183.6
Medium-duty, 14,001-26,000 lbs. GVW ... do....	[5]73.9	[3]45.7	3.6	3.4	3.8	4.6	4.1	3.9	3.4	3.9	3.5	3.6	3.8	[7]4.4	r3.8	3.5
Heavy-duty, 26,001 lbs. and over GVW ... do....	[5]151.7	[3]138.3	12.4	12.5	12.6	12.5	11.7	10.1	10.4	10.1	9.6	10.0	12.5	[7]10.9	9.8	11.9
Retail inventories, end of period, seasonally adjusted † ... thous..	[5]559.4	[5]539.5	498.3	482.0	513.4	526.9	569.0	615.2	[3]704.9	665.5	636.2	566.4	537.9	[7]495.7	[6]519.5	518.4
Exports (BuCensus), assembled units ... do....	[4]170.50	124.15	11.46	12.68	12.37	12.89	13.81	9.17	7.80	6.62	10.31	9.80	9.04	7.32	9.42	...
Imports (BuCensus), including separate chassis and bodies ... thous..	838.92	738.08	57.15	82.00	73.68	71.63	73.27	51.73	56.50	57.33	54.44	43.28	42.27	47.58	56.22	...
Registrations,¶ new vehicles, excluding buses not produced on truck chassis ... thous..	2,185	2,430	171	208	219	226	226	197	193	182	193	215	246	189	177	...
Truck trailers and chassis, complete (excludes detachables), shipments ... number..	117,635	r95,228	8,418	9,903	8,453	8,023	8,382	6,046	7,826	6,910	6,421	7,683	r9,687	6,062	7,160	...
Vans ... do....	70,928	r62,901	4,928	6,355	5,300	5,240	5,388	4,025	5,582	4,900	4,279	5,479	r7,098	4,053	4,676	...
Trailer bodies (detachable), sold separately ... do....	7,239	4,020	203	429	440	504	376	305	228	335	378	282	288	158	133	...
Trailer chassis (detachable), sold separately ... do....	8,615	r6,034	564	817	846	790	598	680	597	320	211	93	r69	25	17	...
RAILROAD EQUIPMENT																
Freight cars (new), for domestic use; all railroads and private car lines (excludes rebuilt cars and cars for export):																
Shipments ... number..	[1]44,901	[1]17,236	1,762	2,247	2,443	1,794	1,339	1,369	1,060	967	890	610	765	494	447	...
Equipment manufacturers ... do....	[1]41,435	[1]15,515	1,526	2,032	2,265	1,694	1,244	1,369	992	913	650	525	477	440	411	...
New orders ... do....	[1]17,916	[1]7,071	753	1,485	539	487	586	179	373	583	884	249	231	501	299	...
Equipment manufacturers ... do....	[1]17,288	[1]6,321	753	1,485	539	487	586	179	373	583	134	249	231	501	297	...
Unfilled orders, end of period ... do....	16,485	4,295	13,486	12,599	10,560	9,253	8,500	7,187	6,829	5,895	5,283	4,866	4,295	4,301	4,153	...
Equipment manufacturers ... do....	14,819	4,095	12,218	11,546	9,685	8,478	7,820	6,507	6,217	5,337	4,710	4,378	4,095	4,155	4,041	...
Freight cars (revenue), class 1 railroads (AAR): ‡																
Number owned, end of period ... thous..	1,111	1,039	1,105	1,100	1,095	1,090	1,083	1,077	1,069	1,059	1,053	1,047	1,039	1,035	1,033	...
Held for repairs, % of total owned ...	6.9	8.7	7.4	7.6	7.6	7.7	8.0	8.1	7.9	8.3	8.4	8.6	8.7	8.8	8.9	...
Capacity (carrying), total, end of mo ... mil. tons..	89.37	84.87	89.02	88.76	88.48	88.19	87.71	87.47	86.94	86.24	85.86	85.43	84.87	84.77	84.72	...
Average per car ... tons..	80.43	81.68	80.58	80.71	80.84	80.92	81.02	81.19	81.35	81.44	81.54	81.60	81.68	81.93	81.98	...

See footnotes at end of tables.

FOOTNOTES FOR PAGES S-1 THROUGH S-32

General Notes for all Pages:

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

Page S-1

† Revised series. See Tables 2.6 - 2.9 in the July 1982 SURVEY for revised estimates back to 1977. Pre-1977 estimates are available in *The National Income and Product Accounts of the United States, 1929-76: Statistical Tables.*

‡ Includes inventory valuation and capital consumption adjustments.

* New series. Detailed descriptions begin on p. 18 of the Nov. 1979 SURVEY. See note "†" for this page for information on historical data.

§ Monthly estimates equal the centered three-month average of personal saving as a percentage of the centered three-month moving average of disposable personal income.

Page S-2

1. Based on data not seasonally adjusted.

Includes data not shown separately.

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

† See note "†" for p. S-3.

§ See note "†" for p. S-8.

@ See note "‡" for p. S-8.

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

Page S-3

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

† Revised series. Data have been revised back to 1972. A detailed description of these revisions and historical data appear in the reports "Manufacturers' Shipments, Inventories, and Orders" M3-1.10 (1972-1980) and M3-1.11 (1977-81), available from the Bureau of the Census, Washington, D.C. 20233.

§ See note "†" for p. S-8.

@ See note "‡" for p. S-8.

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

Includes data for items not shown separately.

Page S-4

1. Based on data not seasonally adjusted.

† See note "†" for p. S-3.

Includes data for items not shown separately.

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

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

Page S-5

1. Based on unadjusted data.
2. Beginning with data for January 1983, the index is affected by a change in methodology used to compute the homeownership component. For additional information regarding this change see p. S-36 of the Feb. 1983 SURVEY.

† See note "†" for p. S-3.

@ Compiled by Dun & Bradstreet, Inc.

Includes data for items not shown separately.

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

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

‡ See note "‡" for p. S-4.

Page S-6

1. See note 2 for p. S-5.
2. Index no longer available from the source, BLS.

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

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

Includes data for items not shown separately.

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

@ Effective with the Feb. 1983 SURVEY, the percent change and indexes as shown here have been revised back to 1967 except for the transportation group and services which were revised back to 1978. These revisions as well as those for indexes not shown here are available from the Bureau of Labor Statistics, U.S. Department of Labor, Washington, D.C. 20212.

Page S-7

1. Computed from cumulative valuation total.
2. Index as of Apr. 1, 1983: building, 347.4; construction, 372.5. Revised index as of Jan. 1, 1982: building, 323.3; construction, 344.9.

Includes data for items not shown separately.

§ Data for Apr., July, Sept., and Dec. 1982, and Mar. 1983 are for five weeks; other months four weeks.

Page S-8

1. Advance Estimate.

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

§ Data include guaranteed direct loans sold.

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

† Effective April 1983 SURVEY, retail trade data have been revised for 1978-1983. Revised data and a summary of the changes are available from the Census Bureau, Washington, D.C. 20233.

Includes data for items not shown separately.

Page S-9

1. Advance estimate.
2. Effective Jan. 1979 data, sales of mail-order houses are included with department store sales.
3. As of July 1.

Includes data for items not shown separately.

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

¶ Effective with the January 1983 SURVEY, the seasonally adjusted labor force series have been revised back to January 1978. Revised monthly series appear in the January 1983 issue of *Employment and Earnings*. Effective with the February 1982 SURVEY, the labor force series have been revised back to 1970 to reflect the 1980 Census of Population. Seasonal adjustment factors were revised accordingly. Revised monthly series appear in the February 1982 issue of *Employment and Earnings*. Revised annual series will appear in the March 1982 issue of *Employment and Earnings*, U.S. Department of Labor, Bureau of Labor Statistics.

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

† See note "†" for p. S-8.

Page S-10

1. This series has been discontinued.

§ These unemployment rates are for civilian workers only. The unemployment rate for all workers, including the resident armed forces, was 10.1 in Mar. 1983.

† Effective June 1982 SURVEY, data have been revised back to 1977 based on March 1981 benchmark levels and updated seasonal adjustment factors. See "BLS Establishment Estimates Revised to March 1981 Benchmarks," in the June 1982 issue of *Employment and Earnings*. Effective July 1981 SURVEY, data have been revised back to 1974 to reflect new benchmarks and new seasonal adjustment factors. See "BLS Establishment Estimates Revised to March 1980 Benchmarks," in the July 1981 issue of *Employment and Earnings*.

¶ See note "¶" for p. S-9.

Page S-11

† See note "†" on p. S-10.

‡ This series is not seasonally adjusted because the seasonal component is small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sufficient precision.

¶ Production and nonsupervisory workers.

Page S-12

1. This series has been discontinued.

† See corresponding note on p. S-10.

¶ Production and nonsupervisory workers.

‡ Earnings in 1977 dollars reflect changes in purchasing power since 1977 by dividing by Consumer Price Index.

§ Wages as of Apr. 1, 1983: Common, $14.92; Skilled, $19.46.

Page S-13

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

¶ Effective April 1982 SURVEY, the series for work stoppages involving six or more workers have been discontinued and have been replaced by series for work stoppages involving 1,000 or more workers.

Includes data for items not shown separately.

§ For demand deposits, the term "adjusted" denotes demand deposits other than domestic commercial bank and U.S. Government, less cash items in process of collection; for loans, exclusive of loans to and Federal funds transactions with domestic commercial banks and include valuation reserves (individual loan items are shown gross; i.e. before deduction of valuation reserves).

* New series. Beginning Dec. 1978, data are for all investment account securities; comparable data for earlier periods are not available.

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

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

Page S-14

1. Data are for fiscal years ending Sept. 30 and include revisions not distributed to the months.
2. Average for the year.
3. Daily average.
4. Beginning Jan. 1981, data are for top-rated only. Prior data cover a range of top-rated and regional dealer closing rates. See also note 3 for this page.
5. Beginning Oct. 1981, data represent the total surplus or deficit (budget surplus or deficit plus off-budget surplus or deficit). See also note 1.
6. Interest rate charged as of Apr. 1, 1983 was 10.51.

Includes data for items not shown separately.

§ The Department of Health, Education, and Welfare was redesignated as the Department of Health and Human Services by the Department of Education Organization Act.

¶ Adjusted to exclude domestic commercial interbank loans and Federal funds sold to domestic commercial banks.

‡ Rates on the commercial paper placed for firms whose bond rating is Aa or the equivalent. Data through Oct. 1979 show a maturity for 120-179 days. Beginning Nov. 1979, maturity is for 180 days.

@ Data through Oct. 1979 show a maturity for 150-179 days. Beginning Nov. 1979, maturity is for 180 days.

‡‡ Courtesy of *Metals Week*.

@@ Average effective rate

Page S-15

† Effective Feb. 1983 SURVEY, the money stock measures and components have been revised back to 1959. Effective April 1980 SURVEY, the monetary aggregates were redefined by the Federal Reserve. The redefinition was prompted by the emergence in recent years of new monetary assets—for example, negotiable order of withdrawal (NOW) accounts and money market mutual fund shares—and alterations in the basic character of established monetary assets—for example, the growing similarity of and substitution between the deposits of thrift institutions and those of commercial banks. Monthly data from 1959 to date are available from the Banking Section of the Division of Research and Statistics at the Federal Reserve Board, Washington, D.C. 20551.

‡ Composition of the money stock measures is as follows:

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

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

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

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

‡‡ Includes ATS and NOW balances at all institutions, credit union share draft balances, and demand deposits at mutual savings banks.

* Overnight (and continuing contract) RP's are those issued by commercial banks to the nonbank public, and overnight Eurodollars are those issued by Caribbean branches of member banks to U.S. nonbank customers.

@ Small time deposits are those issued in amounts of less than $100,000. Large time deposits are those issued in amounts of $100,000 or more and are net of the holdings of domestic banks, thrift institutions, the U.S. Government, money market mutual funds, and foreign banks and official institutions.

Includes data for items not shown separately.

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

@@ Annual data for 1978-82 and monthly data for 1982 have been revised to exclude private placements. Monthly revisions for 1978-81 are not available.

Page S-16

1. Beginning Jan. 1981 data, U.S. Virgin Islands trade with foreign countries is included.

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

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

Includes data for items not shown separately.

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

Page S-17

1. See note 1 for p. S-16.
2. Beginning Jan. 1982 data, the Customs value is being substituted for the f.a.s. value.

Includes data not shown separately.

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

Page S-18

1. See note 1 for p. S-16.
2. Annual total; quarterly or monthly revisions are not available.
3. Before extraordinary and prior period items.
4. For month shown.
5. Domestic trunk operations only (averaging about 90 percent of domestic total).
6. See note 2 for p. S-17.
7. Beginning October, 1982; data are not comparable because of the exclusion of some small carriers who chose to waive filing a Form 41.

Includes data for items not shown separately.

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

‡ Beginning Jan. 1977, defined as those having operating revenues of $50 million or more.

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

@ Effective January 1, 1980, contract carriers are not included because the data filed by these carriers were substantially reduced in scope, in accordance with the ICC revised reporting regulations.

Page S-19

1. Reported annual total; monthly revisions are not available.
2. Less than 500 short tons.
3. Beginning Jan. 1981, data represent gross weight (formerly phosphoric acid content weight) and are not comparable with data shown for earlier periods.
4. A portion of data is being withheld to avoid disclosing information for individual companies; not comparable with other published data.
5. A portion of data is being suppressed because of not meeting publication standards. For nitrogen solutions, see also note 4 for this page.

Includes data for items not shown separately.

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

‡ Revisions, back to 1977 for some commodities, are available upon request.

¶ Data for Jan. 1977-June 1979 exclude potassium magnesium sulfate; not strictly comparable with data shown for other periods.

Page S-20

1. Reported annual total; monthly revisions are not available.
2. Reported annual total, including Hawaii; monthly data are preliminary and subject to change.
3. Beginning 1982, the reporting frequency has been changed from a monthly to a quarterly basis. Revised quarterly data for 1979 through 1981 are available upon request.
4. Annual total includes data for Hawaii; not distributed to the months.

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

‡ Revisions back to 1977 are available upon request.

Page S-21

1. Based on quotations for fewer than 12 months.
2. Crop estimate for the year.
3. Stocks as of June 1.
4. Stocks as of June 1 and represents previous year's crop; new crop not reported until June (beginning of new crop year).
5. Previous year's crop; new crop not reported until Oct. (beginning of new crop year).
6. See note "@@" for this page.
7. Data are no longer available.
8. See note 2 for p. S-22.
9. Effective with this reporting, data are reported on a monthly basis.
10. Data for Apr.-Dec. 1982 are not available.

§ Excludes pearl barley.

Bags of 100 lbs.

¶ Revised crop estimates back to 1975 are available upon request.

@ Revisions, back to 1977, for some commodities, are available upon request.

‡ Revisions back to 1975 are available upon request.

@@ Data are quarterly except for June (covering Apr. and May) and Sept. (covering June-Sept.).

Page S-22

1. Based on quotations for fewer than 12 months.
2. Effective with this reporting, data are for 3-month intervals.
3. Data are no longer available.
4. See note 9 for p. S-21.

§ Cases of 30 dozen.

¶ Bags of 132.276 lbs.

‡ Revisions for Jan.-July 1979 (back to 1975 for grindings of wheat) are available upon request.

@ Revisions back to 1977 are available upon request.

Effective Apr. 1981 SURVEY, the wholesale price of smoked hams has been discontinued and has been replaced with the comparable price index. Annual indexes prior to 1979 and monthly indexes prior to Feb. 1980 are available upon request.

Page S-23

1. Crop estimate for the year.
2. Average for seven months; price not available for July, Aug., and Oct.-Dec.
3. Annual total; monthly revisions are not available.
4. Data are no longer available.

§ Monthly data reflect cumulative revisions for prior periods.

‡ Revisions back to 1975 are available upon request.

* New series. Source: Bureau of Labor Statistics.

Totals include data for items not shown separately.

Page S-24

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

Page S-25

1. Annual data; monthly revisions are not available.
2. For month shown.
3. Effective Jan. 1981, data are revised back to Jan. 1980. Inventory data formerly calculated by the Bureau of the Census are now based on the Steel Service Center Institute monthly Business Conditions report.

Page S-26

1. Annual data; monthly revisions are not available.
2. Less than 50 tons.

¶ Includes secondary smelters' lead stocks in refinery shapes and in copper-base scrap.

@ All data (except annual production figures) reflect GSA remelted zinc and zinc purchased for direct shipment.

‡ Source for monthly data: American Bureau of Metal Statistics. Source for annual data: Bureau of Mines.

Includes data not shown separately.

† Effective July 1980 SURVEY, data are revised and shown on a new base. The sample size has been restored to 100 firms and the base has been changed to 1977=100. The revised series are not comparable to previously published data.

* New series. These indexes are based on shipments of hydraulic and pneumatic products reported by participating members of the National Fluid Power Association. Data back to 1959 are available upon request.

Page S-27

1. Total stocks for bituminous coal and lignite exclude residential and commercial stocks and are not comparable with data prior to Jan. 1980.
2. Data are for five weeks; other months 4 weeks.
3. For month shown.

Includes data for items not shown separately.

@ Beginning July 1977, data are representive of those manufacturers reporting and are not an average of the total industry; they are not directly comparable with earlier data.

* New series. Annual data prior to 1978 and monthly data prior to April 1979 are available upon request.

§ Includes nonmarketable catalyst coke.

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

† Revisions back to Jan. 1978 are available upon request.

‡ Effective with 1981 petroleum data, the Energy Information Agency has changed some definitions and concepts to reflect recent developments in refining and blending practices. These changes include adding a category for gasohol production to motor gasoline production and accounting more precisely for distillate and residual fuel oil processed further after initial distillation. A description of these changes appears in the May 1981 issue of *Monthly Energy Review*, U.S. Department of Energy, Energy Information Administration.

Page S-28

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

¶ Prices are mid-month, include taxes, and represent full service; comparable prices prior to Jan. 1979 are not available.

Includes data for items not shown separately.

* New series. See note "¶" for this page.

‡ Except for price data, see note "‡" for p. S-27.

Page S-29

1. Reported annual total; revisions not distributed to the months.
2. Effective Jan. 1980, data are no longer available.
3. Average for 11 months; no price for Aug. 1980 or June 1981.
4. Average for 11 months; no price available for Nov. 1980 or for Oct. 1981.
5. Monthly data will be discontinued as of April 1982 SURVEY, due to budgetary limitations. The related annual report, MA26A, will continue to be published.

¶ Source: American Paper Institute. Total U.S. estimated consumption by all newspaper users.

§ Monthly data are averages of the 4-week periods ending on the Saturday nearest the end of the month; annual data are as of Dec. 31.

‡ Data are monthly or annual totals. Formerly weekly averages were shown.

Page S-30

1. Reported annual total; revisions not allocated to the months.
2. Crop for the year.
3. Data cover five weeks; other months, four weeks.
4. Data are not available prior to Jan. 1980.
5. See note "‡" for this page.
6. Monthly and annual data for regular basecoat plasters are not available; sales of "all other" represents total sales of building plasters. See also note 1 for this page.
7. Data withheld to avoid disclosing operations of individual companies.
8. Represents total shipments for Jan.-May 1982. See also note 7 for this page.

* New series. Data for finishing mills have replaced data for weaving mills, which are no longer available.

Includes data for items not shown separately.

¶ Cumulative ginnings to the end of month indicated.

§ Bales of 480 lbs.

‡ Beginning Jan. 1982, shipments include those for direct export; such shipments for 1981 were 2,165 thous. gross.

@ Annual totals are based on advance summaries and reflect revisions not distributed to the months.

Page S-31

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

§ Bales of 480 lbs.

¶ Based on 480-lb. bales, preliminary price reflects sales as of the 15th; revised price reflects total quantity purchased and dollars paid for the entire month (revised price includes discounts and premiums).

Includes data not shown separately.

Page S-32

1. Annual total includes revisions not distributed to the months.
2. Figure represents production; not factory sales.
3. Effective Jan. 1982 (for retail sales) and Aug. 1982 (for retail stocks), U.S.-built Mercedes-Benz trucks are included; comparable data for earlier periods are not available. See also note 5 for this page.
4. Monthly data for 1980 as published in earlier issues of the SURVEY, exclude exports for off-highway trucks; not strictly comparable with data shown for other periods. Such exports have since been included in the monthly data and are available upon request.
5. Based on unadjusted data.
6. See note "†" for this page.
7. See last sentence of note "†" for this page.

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.

† Revisions, back to 1967 for some commodities, are available upon request. Effective with the July 1982 SURVEY, seasonally adjusted data for passenger cars have been revised back to Jan. 1977 and are available upon request. Effective with the Feb. 1983 SURVEY, seasonally adjusted data for trucks and buses have been revised back to Jan. 1980 and are available upon request.

@ In the 1979 BUSINESS STATISTICS, 4th Qtr. 1977 should read "13,946" mil. $.

‡‡ In the 1979 BUSINESS STATISTICS, annual data for 1977 should read "2,604.8" mil. $.

Revisions back to 1977 are available upon request.

†† Includes Volkswagens produced in the U.S.

@@ Includes passenger vans.

SOON TO BE RELEASED

1976-81
Personal Income Statistics for:

- U.S.
- REGIONS
- STATES
- COUNTIES
- SMSA's

Total Personal Income By Type of Income

Per Capita Personal Income

Labor and Proprietor's Income By Industry Group

For further information write:

Regional Economic Measurement Division, BE-55
Bureau of Economic Analysis
1401 K Street, N.W.
U.S. Department of Commerce
Washington, DC 20230

INDEX TO CURRENT BUSINESS STATISTICS, Pages S1–S36

SECTIONS

General:

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

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

Industry:

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

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

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

Footnotes 33–35

INDIVIDUAL SERIES

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

Banking 13, 14
Barley 21
Battery shipments 27
Beef and veal 22
Beverages 8, 17, 20
Blast furnaces, steel mills 3–5
Bonds, issued, prices, sales, yields 15–16
Brass and bronze 26
Brick 30
Building and construction materials 2, 4, 5
Building costs 7
Building permits 7
Business incorporation (new), failures 5
Business sales and inventories 2, 3
Butter 21

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

Dairy products 5, 21
Debt, U.S. Government 14
Deflator, PCE 1
Department stores, sales, inventories 9
Deposits, bank 13, 15
Dishwashers 27
Disposition of personal income 1
Distilled spirits 20
Dividend payments 1, 15
Drugstores, sales 8, 9

Earnings, weekly and hourly 12
Eating and drinking places 8, 9
Eggs and poultry 5, 22
Electric power 2, 20
Electrical machinery and equipment 2–5, 10–12, 15, 27
Employee-hours, aggregate, and indexes 11
Employment 10, 11
Explosives 20
Exports (see also individual commodities) 16, 17

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

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

Hardware stores 8
Heating equipment 26
Help-wanted advertising index 12
Hides and skins 6
Highways and streets 7
Hogs 22
Home Loan banks, outstanding advances 8
Home mortgages 8
Hotels and motor-hotels 18
Hours, average weekly 11
Housefurnishings 2, 4, 5, 8, 9
Household appliances, radios, and television sets 27
Housing starts and permits 7

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

Labor advertising index 14
Labor force 9, 10
Lamb and mutton 22
Lead 26
Leather and products 2, 6, 10–12, 23
Livestock 5, 22
Loans, real estate, agricultural, bank (see also Consumer credit) 8, 13
Lubricants 28
Lumber and products 2, 6, 10–12, 23, 24

Machine tools 26
Machinery 2–6, 10–12, 15, 17, 26, 27
Manufacturers' sales (or shipments), inventories, orders 3–5
Manufacturing employment, unemployment, production workers, hours, earnings 10–12
Manufacturing production indexes 1, 2
Meat animals and meats 5, 22
Medical care 6
Metals 2–6, 10–12, 15, 24–26
Milk 21
Mining and minerals 2, 6, 10–12, 15
Monetary statistics 15
Money and interest rates 14
Money supply 15
Mortgage applications, loans, rates 8, 13, 14
Motor carriers 18
Motor vehicles 2–4, 6, 8, 9, 15, 17, 32
National parks, visits 18
Newsprint 29
New York Stock Exchange, selected data 16
Nonferrous metals 2, 4, 5, 15, 25, 26

Oats 21
Oils and fats 17
Orders, new and unfilled, manufacturers' 4, 5
Outlays, U.S. Government 14

Paint and paint materials 20
Paper and products and pulp 2–4, 6, 10–12, 15, 28, 29
Parity ratio 5
Passenger cars 2–4, 6, 8, 9, 15, 17, 32
Passports issued 18
Personal consumption expenditures 1
Personal income 1
Personal outlays 1
Petroleum and products 2–4, 10–12, 15, 17, 27, 28
Pig iron 24
Plastics and resin materials 20
Population 9
Pork 22
Poultry and eggs 5, 22
Price deflator, implicit (PCE) 1
Prices (see also individual commodities) 5, 6
Printing and publishing 2, 10–12
Private sector employment, hours, earnings 10–12
Producer Price Indexes 6
Profits, corporate 15
Public utilities 1, 2, 7, 15, 16, 20
Pulp and pulpwood 28
Purchasing power of the dollar 6

Radio and television 8, 27
Railroads 13, 16, 18, 32
Ranges 27
Rayon and acetate 31
Real estate 8, 13
Receipts, U.S. Government 14
Refrigerators 27
Registrations (new vehicles) 32
Rent (housing) 6
Retail trade 2, 3, 5, 8–12, 14, 32
Rice 21
Rubber and products (incl. plastics) 2–4, 6, 10–12, 29

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

Tea imports 23
Telephone and telegraph carriers 19
Television and radio 27
Textiles and products 2–4, 10–12, 15, 30, 31
Tin 26
Tires and inner tubes 29
Tobacco and manufactures 2–4, 10–12, 23
Tractors 27
Trade (retail and wholesale) 2, 3, 5, 8–12, 32
Transit lines, urban 18
Transportation 6, 10–12, 15, 16, 18
Transportation equipment 2–6, 10–12, 15, 17, 32
Travel 18
Truck trailers 32
Trucks (industrial and other) 26, 27, 32

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

Vacuum cleaners 27
Variety stores 9
Vegetables and fruits 5
Veterans' unemployment insurance 13

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

Zinc 26

UNITED STATES
GOVERNMENT PRINTING OFFICE
PUBLIC DOCUMENTS DEPARTMENT
WASHINGTON, D.C. 20402

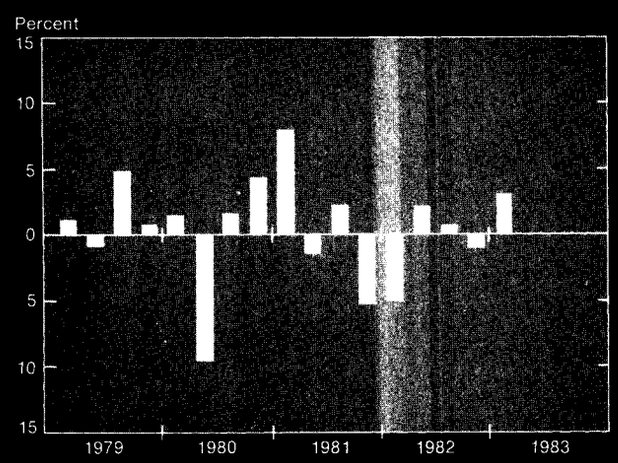
OFFICIAL BUSINESS

POSTAGE AND FEES PAID
U.S. DEPARTMENT OF COMMERCE
Second Class Mail
COM-209

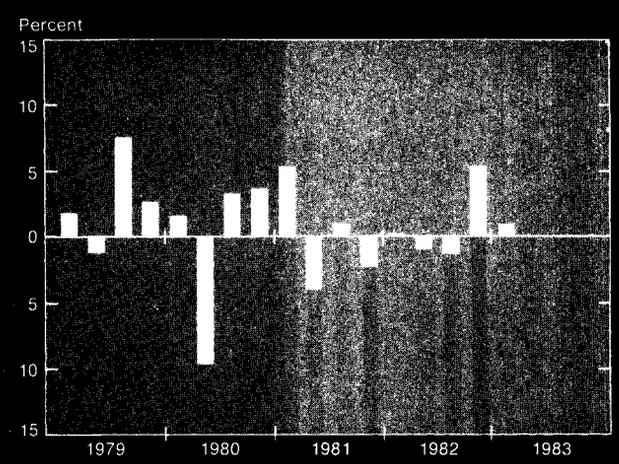
In the first quarter

- Real GNP increased 3 percent
- Real final sales increased 1 percent
- GNP fixed-weighted price index increased 3 percent
- Real disposable personal income increased 2 percent

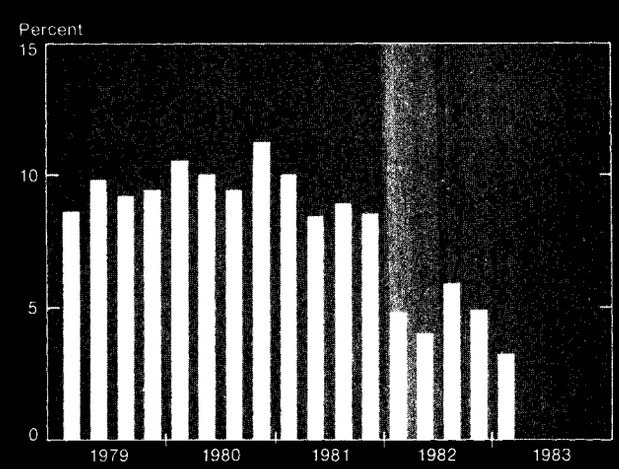
Real GNP



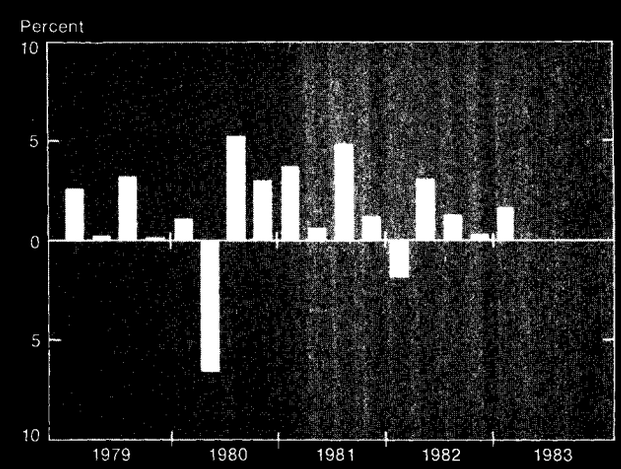
Real Final Sales



GNP Fixed-Weighted Price Index



Real Disposable Personal Income



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