

**SURVEY OF CURRENT BUSINESS**



# SURVEY OF CURRENT BUSINESS

## CONTENTS

<b>THE BUSINESS SITUATION</b>	<b>1</b>
<i>National Income and Product Tables</i>	<b>13</b>
<b>Federal Budget Revisions for Fiscal Years 1980 and 1981</b>	<b>22</b>
<b>State Personal Income</b>	<b>25</b>
<b>County and Metropolitan Area Personal Income</b>	<b>27</b>



### U.S. Department of Commerce

**Philip M. Klutznick / Secretary**

**Courtenay M. Slater / Chief Economist  
for the Department of Commerce**

### 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: Kenneth P. Berkman, Robert L. Brown, David W. Cartwright, Edwin J. Coleman, Douglas R. Fox, Jeanne S. Goodman, Bruce T. Grimm, Eunice P. James, Eric R. Johnson, Elizabeth H. Queen, Edward I. Steinberg, Charles A. Waite, 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.

*First-class mail.*—Domestic only: Annual subscription \$35.00.

*Second-class mail.*—Annual subscription: \$22.00 domestic; \$27.50 foreign. Single copy: \$1.90 domestic; \$2.40 foreign.

*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.

## CURRENT BUSINESS STATISTICS

<b>General</b>	<b>S1</b>
<b>Industry</b>	<b>S22</b>
<b>Footnotes</b>	<b>S37</b>

**Subject Index (Inside Back Cover)**

The Secretary of Commerce has determined that the publication of this periodical is necessary in the transaction of the public business required by law of this Department. Use of funds for printing this periodical has been approved by the Director of the Office of Management and Budget through September 1, 1980.

## U.S. DEPARTMENT OF COMMERCE DISTRICT OFFICES

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

**ALASKA, Anchorage 99501**  
632 6th Ave. 265-5307

**ARIZ., Phoenix 85073**  
201 N. Central Ave. 261-3285

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

**CALIF., San Francisco 94102**  
450 Golden Gate Ave. 556-5868

**COLO., Denver 80202**  
19th & Stout St. 837-3246

**CONN., Hartford 06103**  
450 Main St. 244-3530

**FLA., Miami 33130**  
25 West Flagler St. 350-5267

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

**GA., Savannah 31402**  
222 U.S. Courthouse & P.O. Bldg.  
232-4321

**HAWAII, Honolulu 96850**  
300 Ala Moana Blvd. 546-8694

**ILL., Chicago 60603**  
Rm. 1406 Mid Continental Plaza Bldg.  
353-4450

**IND., Indianapolis 46204**  
46 East Ohio St. 269-6214

**IOWA, Des Moines 50309**  
210 Walnut St. 284-4222

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

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

**MASS., Boston 02116**  
441 Stuart St. 223-2312

**MICH., Detroit 48226**  
445 Federal Bldg. 226-3650

**MINN., Minneapolis 55401**  
218 Federal Bldg. 725-2133

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

**NEBR., Omaha 68102**  
1815 Capitol Ave. 221-3665

**NEV., Reno 89503**  
777 W. 2d St. 784-5203

**N.J., Newark 07102**  
4th Floor Gateway Bldg. 645-6214

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

**N.Y., Buffalo 14202**  
111 W. Huron St. 846-4191

**N.Y., New York 10007**  
26 Federal Plaza 264-0634

**N.C., Greensboro 27402**  
203 Federal Bldg. 378-5345

**OHIO, Cincinnati 45202**  
550 Main St. 684-2944

**OHIO, Cleveland 44114**  
666 Euclid Ave. 522-4750

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

**PA., Philadelphia 19106**  
600 Arch St. 597-2850

**PA., Pittsburgh 15222**  
1000 Liberty Ave. 644-2850

**P.R., San Juan 00918**  
659 Federal Bldg. 753-4555

**S.C., Columbia 29204**  
2611 Forest Dr. 765-5345

**TENN., Memphis 38103**  
147 Jefferson Ave. 521-3213

**TEX., Dallas 75242**  
1100 Commerce St. 749-1515

**TEX., Houston 77002**  
515 Rusk St. 226-4231

**UTAH, Salt Lake City 84138**  
125 South State St. 524-5116

**VA., Richmond 23240**  
8010 Federal Bldg. 782-2246

**WASH., Seattle 98109**  
Rm. 706 Lake Union Bldg. 442-5615

**W. VA., Charleston 25301**  
500 Quarrier St. 343-6181

**WIS., Milwaukee 53202**  
517 E. Wisconsin Ave. 291-3473

**WYO., Cheyenne 82001**  
2120 Capitol Ave. 778-2220

# the BUSINESS SITUATION

**R**EAL GNP increased 1 percent at an annual rate in the first quarter, about one-half as much as in the fourth quarter of 1979 (chart 1 and table 1).<sup>1</sup> Inflation, as measured by the GNP fixed-weighted price index, accelerated from 9½ percent in the fourth quarter to 11½ percent in the first.

The major factors in the deceleration in real GNP were personal consumption expenditures (PCE), which increased substantially less, and residential construction, which dropped more sharply than in the fourth quarter. A slowdown in inventory accumulation held down the increases in real GNP in both the first and fourth quarters, although less in the first quarter than in the fourth.

The quarter-to-quarter increase in real GNP masks what was probably the onset of a downturn toward the end of the first quarter. Real PCE, which is available monthly, dropped about 2½ percent at an annual rate from December to March. Also, several monthly series that underlie GNP fell off during the quarter. In particular, motor vehicle production and housing starts dropped precipitously in March.

*Prices.*—If the Federal pay raise in the fourth quarter is set aside, the

acceleration in GNP prices was 3 rather than 2 percentage points (table 2). (The pay raise is reflected in GNP prices because it represents an increase in the prices of employee services purchased by the Government.) Prices paid by consumers as well as those paid by investors in fixed capital increased more than in the fourth quarter. The acceleration in the former was from 10½ percent to 14 percent. Food prices increased less than in the fourth quarter, but PCE energy prices and prices of other PCE increased more. The acceleration in the latter category was widespread, and probably reflected the working through to consumers of higher energy costs and perhaps also labor costs incurred by producers and distributors.

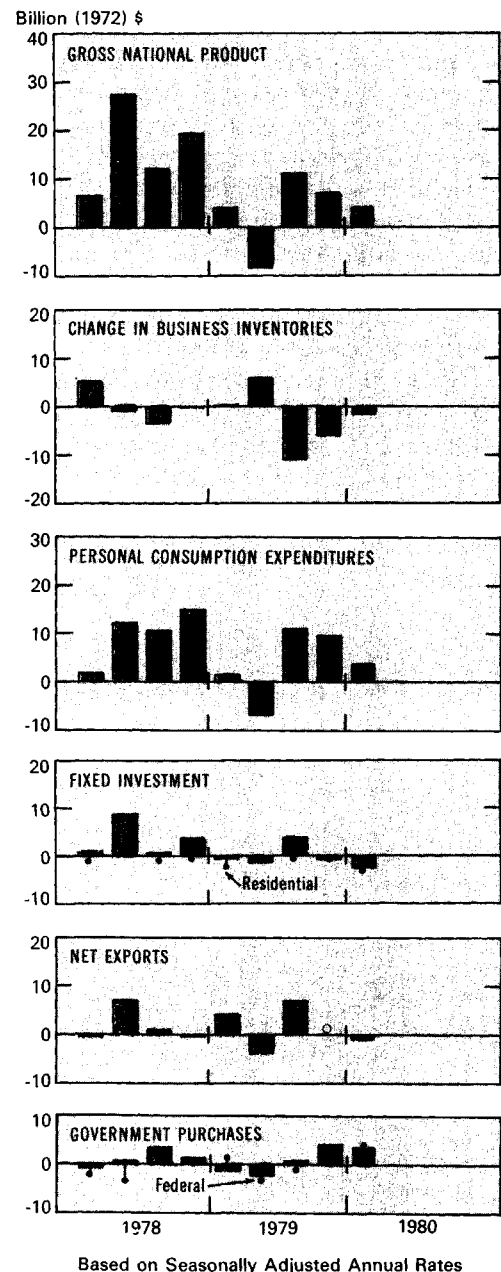
PCE energy prices increased at an annual rate of 53½ percent in the first quarter, about twice as much as in the fourth. The price of gasoline and oil increased 85 percent. It had increased 33½ percent in the fourth quarter, after increases of about 75 percent in the second and third quarters. First-quarter accelerations also occurred in the prices of fuel oil and electricity, but the increases in the first quarter were less than those in mid-1979. The price of natural gas continued to decelerate. Residential users were shielded from the full effect of the decontrol of natural gas prices by a system of surcharges that shifts the higher costs to large industrial users.

Several developments contributed to the first-quarter increases of gasoline and fuel oil prices. Around the turn of the year, most nations—both OPEC and non-OPEC—from which the United States imports crude oil announced price increases, some with retroactive features. The embargo on

1. The first-quarter GNP estimates are based on the following major data sources: 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, the Producer Price Index through March, and unit values for imports for January. Some of these source data are subject to revision.

CHART 1

## Real Product: Change From Preceding Quarter



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

80-1

Table 1.—Gross National Product in Current and Constant Dollars

	Current dollars				Constant (1972) dollars								
	Billions of dollars, seasonally adjusted at annual rates											Percent change from preceding quarter at annual rates	
	1979			1980	1979			1980	1979		1980		
	II	III	IV	I	II	III	IV	I	III	IV	I		
<b>Gross national product</b> .....	2,329.8	2,396.5	2,456.9	2,520.3	1,422.3	1,433.3	1,440.3	1,444.2	3.1	2.0	1.1		
Final sales.....	2,296.4	2,381.9	2,451.4	2,515.8	1,404.1	1,426.2	1,439.0	1,443.3	6.4	3.6	1.5		
Change in business inventories.....	33.4	14.5	5.6	4.5	18.1	7.1	1.4	0					
Less: Rest-of-the-world product.....	23.7	26.9	26.4	25.7	8.1	8.0	6.5	5.0					
<b>Equals: Gross domestic product</b> .....	<b>2,306.1</b>	<b>2,369.5</b>	<b>2,430.6</b>	<b>2,494.6</b>	<b>1,414.2</b>	<b>1,425.3</b>	<b>1,433.8</b>	<b>1,439.2</b>	<b>3.2</b>	<b>2.4</b>	<b>1.5</b>		

Iranian oil diverted some U.S. purchases to the spot market, in which prices tend to be higher than those of oil purchased under contract. Effective January 1, the second stage of the phasing out of controls on domestic crude oil prices began; decontrol is scheduled to be completed by October 1981. Also, in December the first semi-annual adjustment to the maximum allowable gross margin for retail gasoline dealers was made, enabling them to raise the price of gasoline.

Given the uncertainty of the international economic and political situation, it is risky to predict the second-quarter course of the world price of crude oil. However, a further increase in this price is likely. PCE

energy prices will also be affected by a \$4.62 per barrel fee on imported crude oil that was imposed as part of the administration's mid-March anti-inflation program. (See the March issue of the SURVEY OF CURRENT BUSINESS for a summary of that program.) The fee is intended to be shifted to gasoline, and will raise its price about 10 cents per gallon effective May 15.

The increase in PCE food prices decelerated to 6½ percent (annual rate) in the first quarter from 9½ percent in the fourth. The deceleration in the price of food consumed at home to 4 percent from 9½ percent in the fourth quarter more than offset an acceleration in the price of restaurant meals. Large supplies of citrus fruits,

of vegetables, and of pork and poultry were major factors in the deceleration and are likely to be reflected in another moderate food price increase in the second quarter.

*Labor market conditions.*—Employment continued to increase in the first quarter, but signs of labor market weakness appeared. The household measure of employment increased only 140,000, or 300,000 less than in the fourth quarter (table 3). Unemployment increased 310,000, and the unemployment rate increased 0.2 to 6.1 percent. As in the 2 previous quarters, the increase in unemployment was concentrated among job losers. The increase in the unemployment rate would have been larger but for a slowing in

Table 2.—Fixed-Weighted Price Indexes

	Index numbers (1972=100) seasonally adjusted							Percent change from preceding quarter at annual rates					
	1978		1979				1980	1978	1979				1980
	III	IV	I	II	III	IV	I	IV	I	II	III	IV	I
<b>Gross national product</b> .....	155.7	159.0	162.8	166.6	170.6	174.4	179.2	8.9	9.9	9.5	10.0	9.4	11.4
Less: Change in business inventories.....													
<b>Equals: Final sales</b> .....	<b>155.6</b>	<b>158.9</b>	<b>162.7</b>	<b>166.4</b>	<b>170.4</b>	<b>174.3</b>	<b>179.0</b>	<b>8.8</b>	<b>9.9</b>	<b>9.5</b>	<b>10.0</b>	<b>9.4</b>	<b>11.3</b>
Less: Exports.....	192.9	199.2	205.3	211.4	220.5	227.8	237.7	13.8	12.9	12.4	18.5	13.9	18.4
Plus: Imports.....	217.4	222.1	229.6	240.9	256.8	273.8	293.1	9.1	14.1	21.2	29.1	29.3	31.2
<b>Equals: Final sales less exports plus imports</b> .....	<b>157.3</b>	<b>160.5</b>	<b>164.4</b>	<b>168.5</b>	<b>172.9</b>	<b>177.4</b>	<b>182.5</b>	<b>8.5</b>	<b>10.1</b>	<b>10.3</b>	<b>11.0</b>	<b>10.8</b>	<b>12.7</b>
<b>Personal consumption expenditures</b> .....	<b>153.1</b>	<b>155.9</b>	<b>160.0</b>	<b>163.9</b>	<b>168.4</b>	<b>172.6</b>	<b>178.4</b>	<b>7.4</b>	<b>11.0</b>	<b>10.3</b>	<b>11.3</b>	<b>10.5</b>	<b>14.0</b>
Food.....	165.2	168.8	175.8	178.5	179.5	183.5	186.5	9.0	17.6	6.3	2.3	9.3	6.6
Energy <sup>1</sup> .....	194.5	198.8	207.9	231.4	262.3	278.3	309.7	9.1	19.5	53.5	65.2	26.7	53.4
Other personal consumption expenditures.....	145.8	148.2	151.0	153.5	156.4	159.6	163.7	6.7	7.9	6.7	7.8	8.5	10.7
<b>Other</b> .....	<b>164.3</b>	<b>168.4</b>	<b>171.9</b>	<b>176.2</b>	<b>180.6</b>	<b>185.5</b>	<b>190.3</b>	<b>10.2</b>	<b>8.7</b>	<b>10.4</b>	<b>10.5</b>	<b>11.3</b>	<b>10.6</b>
Nonresidential structures.....	172.9	177.7	181.6	186.4	191.7	196.0	200.8	11.6	9.1	10.9	11.8	9.2	10.2
Producers' durable equipment.....	156.4	158.4	161.5	165.6	169.1	171.8	175.9	5.7	7.6	10.5	8.9	6.4	10.0
Residential.....	182.9	189.5	192.7	199.3	205.7	208.9	214.2	15.1	7.0	14.3	13.5	6.4	10.6
Government purchases.....	160.6	164.5	168.2	172.0	176.0	182.1	186.8	10.0	9.4	9.2	9.8	14.5	10.8
Federal.....	156.1	160.8	164.0	167.2	171.1	180.2	184.7	12.8	8.2	7.9	9.8	22.9	10.4
State and local.....	163.7	167.0	171.1	175.2	179.4	183.4	188.3	8.2	10.1	10.0	9.9	9.3	11.1

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



Table 3.—Selected Labor Market Indicators

[Seasonally adjusted]

	1979				1980	Change			
	I	II	III	IV	I	1979:I- 1979:II	1979:II- 1979:III	1979:III- 1979:IV	1979:IV- 1980:I
<b>Household survey</b>									
Civilian labor force (millions).....	102.3	102.4	103.2	103.7	104.2	0	0.9	0.5	0.4
Employment.....	96.4	96.5	97.2	97.7	97.8	0	.8	.4	.1
Unemployment.....	5.9	5.9	6.0	6.1	6.4	0	.1	.1	.3
Job losers.....	2.5	2.4	2.6	2.7	3.0	0	.2	.1	.3
On layoff.....	.8	.8	.9	1.0	1.1	0	.1	.1	.1
Other job losers.....	1.7	1.6	1.8	1.8	1.9	0	.1	0	.1
Job leavers, reentrants, and new entrants.....	3.4	3.4	3.4	3.4	3.4	0	-.1	0	0
Employment-population ratio.....	59.3	59.1	59.3	59.3	59.2	-.2	.2	0	-.1
Unemployment rate (percent):									
Total.....	5.8	5.8	5.8	5.9	6.1	0	0	.1	.2
Adult men.....	4.0	4.0	4.2	4.2	4.7	0	.2	0	.5
Adult women.....	5.7	5.7	5.6	5.7	5.7	0	-.1	.1	0
Teenagers.....	15.9	16.1	16.2	16.1	16.2	.2	.1	-.1	.1
Civilian labor force participation rate (percent):									
Total.....	63.7	63.5	63.8	63.8	63.8	-.2	.3	0	0
Adult men.....	80.0	79.7	79.9	79.6	79.5	-.3	.2	-.3	-.1
Adult women.....	50.3	50.3	50.9	51.0	51.2	0	.6	.1	.2
Teenagers.....	58.8	57.9	57.5	58.2	57.7	-.9	-.4	.7	-.5
<b>Establishment survey</b>									
Employment, nonfarm payroll (mil- lions).....	88.7	89.4	89.8	90.1	90.7	.6	.4	-.3	.6
Goods producing.....	26.5	26.6	26.6	26.6	26.7	.1	0	-.1	.1
Manufacturing.....	21.0	21.1	21.0	20.9	20.9	0	-.1	-.1	0
Other.....	5.5	5.6	5.6	5.7	5.8	.1	.1	.1	.1
Distributive <sup>1</sup> .....	25.1	25.2	25.3	25.5	25.7	.1	.1	.2	.2
Services <sup>2</sup> .....	21.6	21.9	22.1	22.3	22.6	.3	.2	.2	.2
Government.....	15.5	15.6	15.7	15.7	15.7	.1	.1	0	0
Average weekly hours, private non- farm:									
Total.....	35.8	35.5	35.6	35.7	35.5	-.3	.1	.1	-.2
Manufacturing.....	40.6	39.8	40.2	40.2	40.0	-.8	.4	0	-.2

1. Transportation and public utilities, and wholesale and retail trade.  
2. Services, and finance, insurance, and real estate.  
Source: Bureau of Labor Statistics.

labor force growth and an increase of 250,000 in the number of discouraged workers.

The payroll measure of employment increased 580,000 in the first quarter, 230,000 more than in the fourth. Trade (220,000), services (190,000), and construction (80,000) accounted for the bulk of the first-quarter increase, although employment in construction declined in both February and March. The average workweek in the private nonfarm economy was down 0.2 to 35.5 hours; the manufacturing workweek was down 0.2 to 40.0 hours.

The quarter-to-quarter changes in the major labor market indicators do not bring out fully the weakening that occurred during the first quarter. Employment as measured by both the household and payroll series declined in March; the unemployment rate was up to 6.2 percent, and the average workweek slipped further—to 35.4 hours for the private nonfarm economy and to 39.8 hours for manufacturing.

*Costs and productivity.*—Table 4 adapts the information on real product, employment, and hours to focus on costs and productivity in the business economy other than farm and housing. The increase in real product in this sector decelerated in the first quarter, as did the increase in aggregate hours.<sup>2</sup> Compensation increased 11 percent at an annual rate, about the same as in the 2 previous quarters. About 1 percentage point of the first-quarter increase was due to two special factors: Compensation was affected by the increase—from \$2.90 to \$3.10 per hour—in the minimum wage under the Fair Labor Standards Act, and by the increase in employer contributions for social insurance

2. The measure of real gross product in this table is, in essence, derived as the sum of incomes, i.e., it excludes the residual, which is the constant-dollar counterpart of the statistical discrepancy. As a result, the quarterly changes in real gross product shown in this table differ from those in measures of real gross product, such as GNP, that are derived as the sum of products. The difference between the two kinds of measures was particularly large in the third quarter of 1979.

due to a change in the social security tax base from \$22,900 to \$25,900. Compensation per hour increased 10 percent, up from 9 percent, and unit labor costs increased 10 percent, up from 8½ percent. In both of these measures, the step-up was largely due to the two special factors.

**Personal income and its disposition**

Personal income increased \$51½ billion, \$7 billion less than in the fourth quarter (table 5).<sup>3</sup> The deceleration was largely in farm proprietors' income. This income declined \$4 billion after an increase of \$1½ billion in the fourth quarter. The swing was mainly due to livestock prices, which had increased sharply in the fourth quarter and changed little in the first.

Wage and salary disbursements increased a little less than in the fourth quarter—\$30½ billion, compared with \$32½ billion. Wages and salaries of employees of government and government enterprises increased less than in the fourth quarter, because that quarter had included a \$3½ billion Federal pay raise. Wages and salaries in the distributive industries also increased less, despite the increase in the minimum wage.

Several special factors other than the Federal pay raise and the increase in the minimum wage also affected personal income. First-quarter transfer payments were raised \$1.6 billion by an energy allowance for recipients of Supplemental Security Income. Rental

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

Table 4.—Real Gross Product, Hours, and Compensation in the Business Economy Other Than Farm and Housing

[Percent change from preceding quarter at annual rates based on seasonally adjusted estimates]

	1979			1980
	II	III	IV	I
Real gross product.....	-3.8	1.1	2.4	1.0
Hours.....	.6	2.2	2.2	1.3
Compensation.....	8.5	11.3	11.3	11.2
Real gross product per hour.....	-4.4	-1.1	.2	-.2
Compensation per hour.....	7.9	8.9	8.9	9.8
Unit labor cost.....	12.8	10.2	8.7	10.1

**Table 5.—Personal Income: Change From Preceding Quarter**

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

	1979: IV	1980: I
Wage and salary disbursements.....	32.4	30.6
Manufacturing.....	6.4	7.8
Other commodity-producing.....	3.1	3.1
Distributive.....	8.4	6.9
Services.....	9.0	9.4
Government and government enterprises.....	5.6	3.5
Proprietors' income.....	4.2	-3.2
Farm.....	1.6	-4.1
Nonfarm.....	2.6	.8
Transfer payments.....	5.7	8.1
Other income.....	17.8	19.5
Less: Personal contributions for social insurance.....	1.8	3.5
<b>Personal income.....</b>	<b>58.4</b>	<b>51.6</b>
Less: Federal pay raise.....	3.5	.2
Minimum wage.....		2.0
Energy allowance.....		1.6
California flood damage.....		- .3
Less: Social security base change.....		2.5
California refund.....		- .7
<b>Personal income, adjusted.....</b>	<b>54.9</b>	<b>49.9</b>

income of persons (included in "other income" in table 5) and nonfarm proprietors' income were reduced \$0.3 billion by flood damage in California. Finally, personal contributions for social insurance, which are deducted in deriving personal income, were held down \$0.7 billion by a refund of employee contributions under the cash sickness (disability insurance) program administered by the State of California and were boosted \$2.5 billion by the

increase in the social security tax base. If personal income is adjusted for all the special factors, which are listed at the bottom of table 5, the fourth-to-first-quarter deceleration was \$5 billion.

In contrast to the deceleration in personal income, disposable personal income accelerated—from a \$43-billion increase in the fourth quarter to a \$53½-billion increase in the first. The acceleration was due to a turnaround in personal tax and nontax payments from a \$15½-billion increase to a \$2-billion decline (table 6). More than one-half of the turnaround was accounted for by an unusual increase in Federal income tax refunds that resulted from over-withholding in 1979. Legislative cuts in State and local personal taxes, about one-half in California, also contributed. The increase in personal outlays exceeded that in disposable personal income, as it had in the 2 previous quarters. Consequently, personal saving declined for the third consecutive quarter, but the decline was much less than in the 2 previous quarters. The saving rate was down slightly to 3.4 percent, which is very low by historical standards.

Real disposable personal income changed little in the first quarter. It has been flat since the first quarter of 1979 (chart 2).

*Real PCE.*—Real PCE increased 1½ percent (annual rate) in the first quarter, compared with 4 percent in the

**Table 6.—Personal Tax and Nontax Payments: Change From Preceding Quarter**

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

	1979: IV	1980: I
<b>Personal tax and nontax payments.....</b>	<b>15.3</b>	<b>-1.9</b>
Federal.....	13.4	-2.0
Impact of legislation.....	- .6	-11.9
Withheld.....	- .5	- .4
Nonwithheld less refunds.....	- .1	-11.5
Other.....	14.0	9.9
State and local.....	- 1.9	.2
Impact of legislation.....	- .1	-2.0
Other.....	2.1	2.1

fourth (table 7). PCE on motor vehicles and parts increased 11½ percent after a 5½-percent decline in the fourth quarter. (See the discussion of autos, which follows in this section, and of trucks, which is in the investment section). PCE on energy declined over 10 percent—in line with its 12-percent decline since the first quarter of 1979. Expenditures on gasoline were down 13 percent over the 4 quarters; most of the drop was in the second quarter of 1979, when the gasoline shortage was most severe. Sharp price increases that followed—the average retail price of regular gasoline jumped from \$0.88 per gallon in July 1979 to \$1.19 per gallon in March 1980—and efforts to conserve energy held down gasoline expenditures in subsequent quarters. Expenditures

**Table 7.—Personal Consumption Expenditures In Current and Constant Dollars**

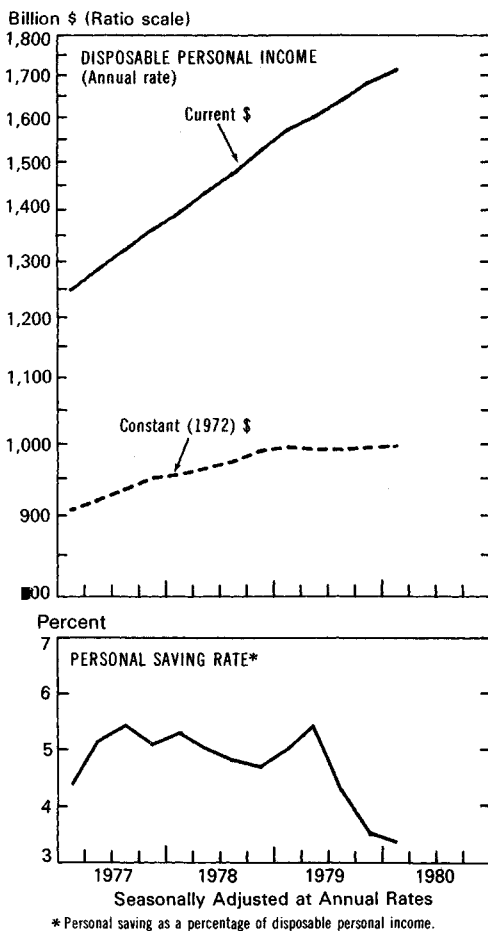
	Current dollars				Constant (1972) dollars									
	Billions of dollars, seasonally adjusted at annual rates											Percent change from preceding quarter at annual rate		
	1979				1980				1979			1980		
	II	III	IV	I	II	III	IV	I	III	IV	I			
<b>Personal consumption expenditures.....</b>	<b>1,475.9</b>	<b>1,528.6</b>	<b>1,580.4</b>	<b>1,634.1</b>	<b>915.0</b>	<b>925.9</b>	<b>935.4</b>	<b>939.0</b>	<b>4.9</b>	<b>4.1</b>	<b>1.6</b>			
<b>Durables.....</b>	<b>208.7</b>	<b>213.4</b>	<b>216.2</b>	<b>221.8</b>	<b>144.8</b>	<b>146.9</b>	<b>146.7</b>	<b>146.3</b>	<b>5.8</b>	<b>- .6</b>	<b>-1.0</b>			
Motor vehicles and parts.....	89.1	89.8	89.4	94.3	57.1	57.1	56.4	57.9	.2	-5.3	11.7			
Furniture and household equipment.....	84.2	87.3	88.9	89.0	62.4	64.3	64.7	63.5	13.3	2.2	-7.0			
Other durables.....	35.4	36.3	37.8	38.4	25.4	25.4	25.6	24.9	.8	3.4	-11.5			
<b>Nondurables.....</b>	<b>581.2</b>	<b>604.7</b>	<b>630.7</b>	<b>653.0</b>	<b>344.1</b>	<b>349.2</b>	<b>355.1</b>	<b>354.5</b>	<b>6.1</b>	<b>7.0</b>	<b>- .6</b>			
Food.....	296.7	303.1	315.6	324.3	166.7	169.3	172.3	174.2	6.4	7.3	4.4			
Energy <sup>1</sup> .....	77.5	88.7	93.8	104.7	31.5	31.0	30.6	29.7	-6.0	-4.9	-11.3			
Clothing and shoes.....	96.9	101.0	103.6	103.0	74.9	77.6	78.5	76.8	15.2	4.8	-8.5			
Other nondurables.....	110.2	111.9	117.7	121.1	71.0	71.3	73.7	73.9	1.4	14.0	1.1			
<b>Services.....</b>	<b>686.0</b>	<b>710.6</b>	<b>733.5</b>	<b>759.4</b>	<b>426.1</b>	<b>429.9</b>	<b>433.6</b>	<b>438.1</b>	<b>3.6</b>	<b>3.5</b>	<b>4.2</b>			
Energy <sup>2</sup> .....	47.3	49.6	50.5	50.4	23.8	23.5	23.5	22.8	-5.3	1.1	-10.2			
Other services.....	638.7	660.9	683.0	709.0	402.3	406.4	410.1	415.3	4.1	3.8	5.1			

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

on fuel oil and on natural gas each dropped 19 percent over the 4 quarters. These expenditures are mainly for home heating, and, reflecting differences in weather conditions, had been abnormally high a year ago and were abnormally low in the first quarter of this year. Expenditures on electricity were down about 5 percent.

Expenditures on other goods weakened in the first quarter. Three categories—furniture and equipment, other durables, and clothing and shoes—declined after fourth-quarter increases; two categories—food, and other non-durables—registered smaller increases. Expenditures on services (other than energy) increased more than in the fourth quarter, mainly because of a sharp increase in brokerage charges due to heavy activity in security and commodity markets.

**CHART 2**  
**Disposable Personal Income and Personal Saving Rate**



Not only did real PCE decelerate from the fourth quarter to the first, but it declined in February and March. The declines were widespread among goods, but were partly offset by a continuing uptrend in services.

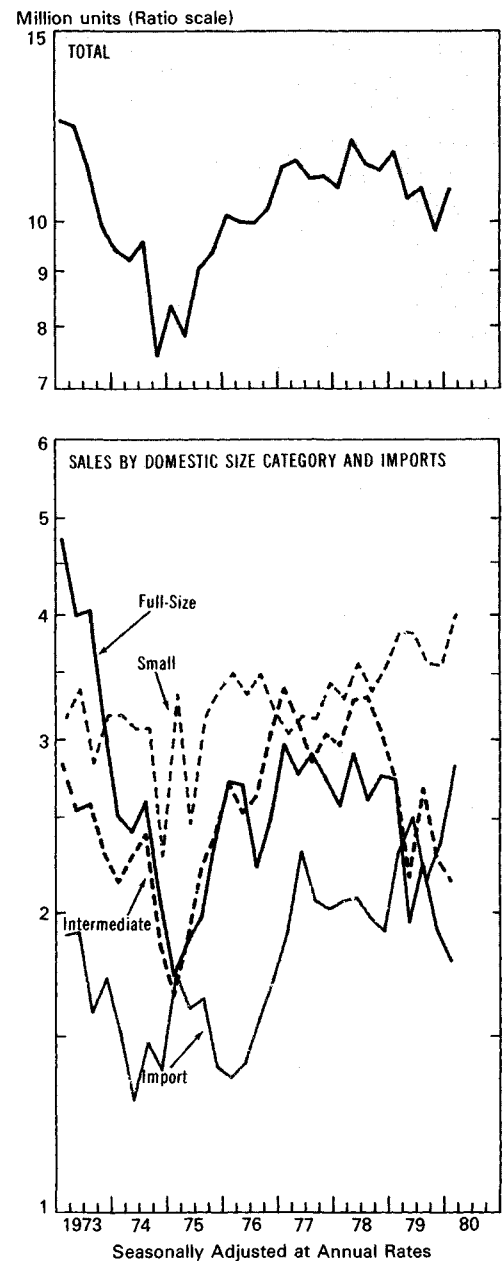
**Autos.**—Unit sales of new passenger cars, which are sales to consumers, business, and other final users, increased from 9.9 million (seasonally adjusted annual rate) in the fourth quarter to 10.7 million in the first (chart 3). The increase was entirely in imports and in domestic small cars, both of which are relatively fuel-efficient. Imports rose sharply from 2.4 million in the fourth quarter to a record 2.8 million in the first, and domestic small cars from 3.6 million to a record 4.0 million. Domestic intermediate and full-size car sales remained weak. The shift toward domestic small cars occurred despite various dealer incentive and rebate programs designed to stimulate purchases of large cars. In the first quarter, the market share of small cars exceeded the shares registered at the heights of the 1974 and the 1979 gasoline shortages. This development confirms the importance of the price—in addition to the availability—of gasoline as a factor in new car purchasing decisions. It also suggests that the distribution of sales by size categories is not likely to shift back very far in the direction of large cars.

Although new car sales increased in the first quarter, they declined from 11.6 million in January to 10.4 million in February and to 10.1 million in March (seasonally adjusted annual rates). The decline was most severe for large cars, but domestic small cars and imports declined also. The financing of new car purchases may have become a problem. Interest rates on retail auto installment credit were high and rising, and the availability of funds was curtailed. Credit extensions by banks and credit unions were cut back; some of the slack, however, was taken up by finance companies, including auto makers' subsidiaries. In some States, usury laws were a factor in curtailing the availability of funds.

**Investment**

Real nonresidential fixed investment registered little change in the first quarter, as it had in the fourth (table 8). Investment in structures and in producers' durable equipment other than motor vehicles increased, but less than in the fourth quarter, and motor vehicles declined, but also less than in

**CHART 3**  
**Retail Sales of New Passenger Cars**



Note.—The components may not add to the total because each category was separately adjusted for seasonal variation.

Data: Motor Vehicle Manufacturers Association of the United States, Inc. and Ward's Automotive Reports; seasonal adjustment by BEA.

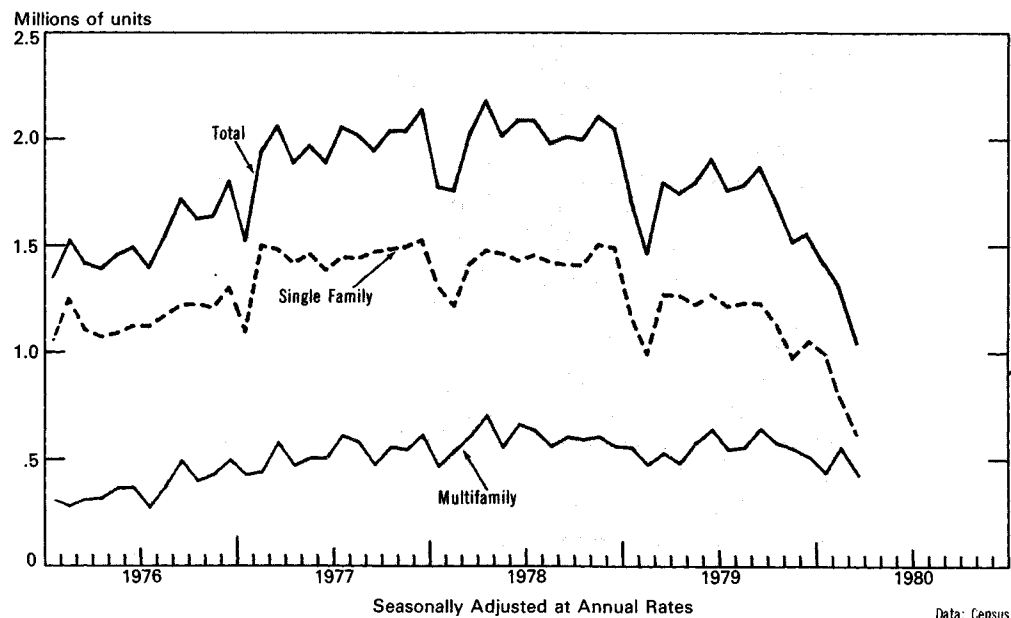
the fourth quarter. The first-quarter decline in motor vehicles was more than accounted for by trucks; autos increased after a very sharp drop in the fourth quarter. In terms of units, domestic new truck sales fell from 2.8 million (seasonally adjusted annual rate) in the fourth quarter to 2.4 million in the first. Sales of light trucks (up to 10,000 pounds) dropped to 2.1 million in the first quarter, their lowest level in 4½ years. Sales of large trucks (over 10,000 pounds) declined for the fifth consecutive quarter.

The yearlong decline in real residential construction worsened in the first quarter, when construction dropped 20 percent at an annual rate. The decline was in single-family units; construction of multifamily units—apartments and condominiums—continued to increase.

Housing starts dropped 0.33 million to 1.26 million (seasonally adjusted annual rate) in the first quarter. The sharpness of the first-quarter decline was evident throughout the country—ranging from 12 percent in the South to 30 percent in the North Central region. As can be seen from chart 4, after weakening since September, starts dropped precipitously in March to 1.04 million—one-half the level recorded in 1977 and 1978.

Deterioration was evident also in another indicator of housing activity. Total sales, including existing as well as new homes, averaged 3.7 million (seasonally adjusted annual rate) in the first 2 months of 1980, down from 4.2 million in the fourth quarter.

### Housing Starts



High and rising interest rates and a sharp slowdown of savings flows into thrift institutions have been major factors contributing to the housing decline. Net new money at thrift institutions—new deposits received minus withdrawals and interest—slowed over the last year, and the increase in deposits was concentrated in high-cost money market certificates and jumbo certificates. The prime rate, to which construction loans are tied, had been less than 12 percent through mid-1979 and then climbed sharply, especially after the Federal Reserve's credit

tightening moves in October 1979 and in March 1980 (chart 5). At the end of the quarter, it reached 19½ percent. The interest rate on mortgage commitments (25-year loans, with a loan-to-price ratio of 75 percent) rose to over 14 percent. Reflecting these factors, outstanding mortgage commitments in February were 18 percent below their year-earlier level.

Federal authorities have taken several steps recently to increase savings flows and the availability of mortgage credit, but these steps are unlikely to have a substantial effect in the near

Table 8.—Fixed Investment in Current and Constant Dollars

	Current dollars				Constant (1972) dollars									
	Billions of dollars, seasonally adjusted at annual rates												Percent change from preceding quarter at annual rates	
	1979			1980	1979			1980	1979		1980			
	II	III	IV	I	II	III	IV	I	III	IV	I			
Fixed investment.....	361.9	377.8	381.7	384.3	203.5	207.1	206.3	203.7	7.2	-1.5	-5.0			
Nonresidential.....	249.1	261.8	265.2	271.6	146.9	150.7	150.5	151.0	10.7	-3	1.1			
Structures.....	90.5	95.0	100.2	102.6	47.9	48.7	50.1	50.5	7.1	12.2	2.8			
Producers' durable equipment.....	158.6	166.7	165.1	169.0	99.0	101.9	100.4	100.5	12.5	-6.0	.3			
Autos, trucks and buses.....	38.1	41.1	35.6	34.6	24.4	25.7	22.2	21.1	23.5	-43.9	-18.4			
Other.....	120.5	125.7	129.4	134.4	74.6	76.3	78.2	79.3	9.0	10.4	6.1			
Residential.....	112.9	116.0	116.4	112.7	56.7	56.5	55.8	52.8	-1.5	-4.5	-20.1			

future. In late March, the Federal Home Loan Bank Board reduced the liquidity reserve requirement for savings and loan associations from 5½ to 5 percent, effective April 1. In early April, the Board voted to allow them to begin immediately to issue "renegotiated-rate mortgages," whose interest rate could rise or fall up to one-half a percentage point a year, and up to 5 percentage points over the life of the loan. On March 31, the Depository Institutions Deregulation and Monetary Control Bill was signed. Under this legislation, interest ceilings on savings accounts are phased out over a 6-year period, and State usury ceilings on mortgage loans are abolished unless the States reenact them within 3 years.

As can be seen from chart 6, which presents an overview of inventory developments, in the first quarter, as in the fourth, real inventories registered little change. Both ratios shown in the chart—one relating business inventories to business final sales and another relating them to final sales of goods and structures—have fallen in recent quarters, as sales have continued to increase. They are close to levels registered in 1977-78 when, as is generally accepted, inventories were lean. The ratio of inventories to business final sales has fallen more in recent quarters because, in contrast to the goods and structures ratio, it reflects the steady growth of services.

A more detailed view can be obtained from manufacturing and trade inventories and sales in constant dollars. The inventory-sales ratio for total manufacturing and trade confirms the impression that, overall, there is no imbalance. Since the second quarter of 1979, this ratio has been flat at levels only moderately higher than in 1977-78. However, within the total there have been two offsetting changes (table 9). The ratio for durables manufacturing has increased, reflecting declining sales and increasing inventories, particularly in transportation equipment and metals. The ratio for retail auto dealers has declined, as inventories were reduced. In terms of units, inventories of domestic cars fell steadily from a peak of 1.9 million (seasonally adjusted) in the second quarter of 1979 to 1.4 million at the end of the

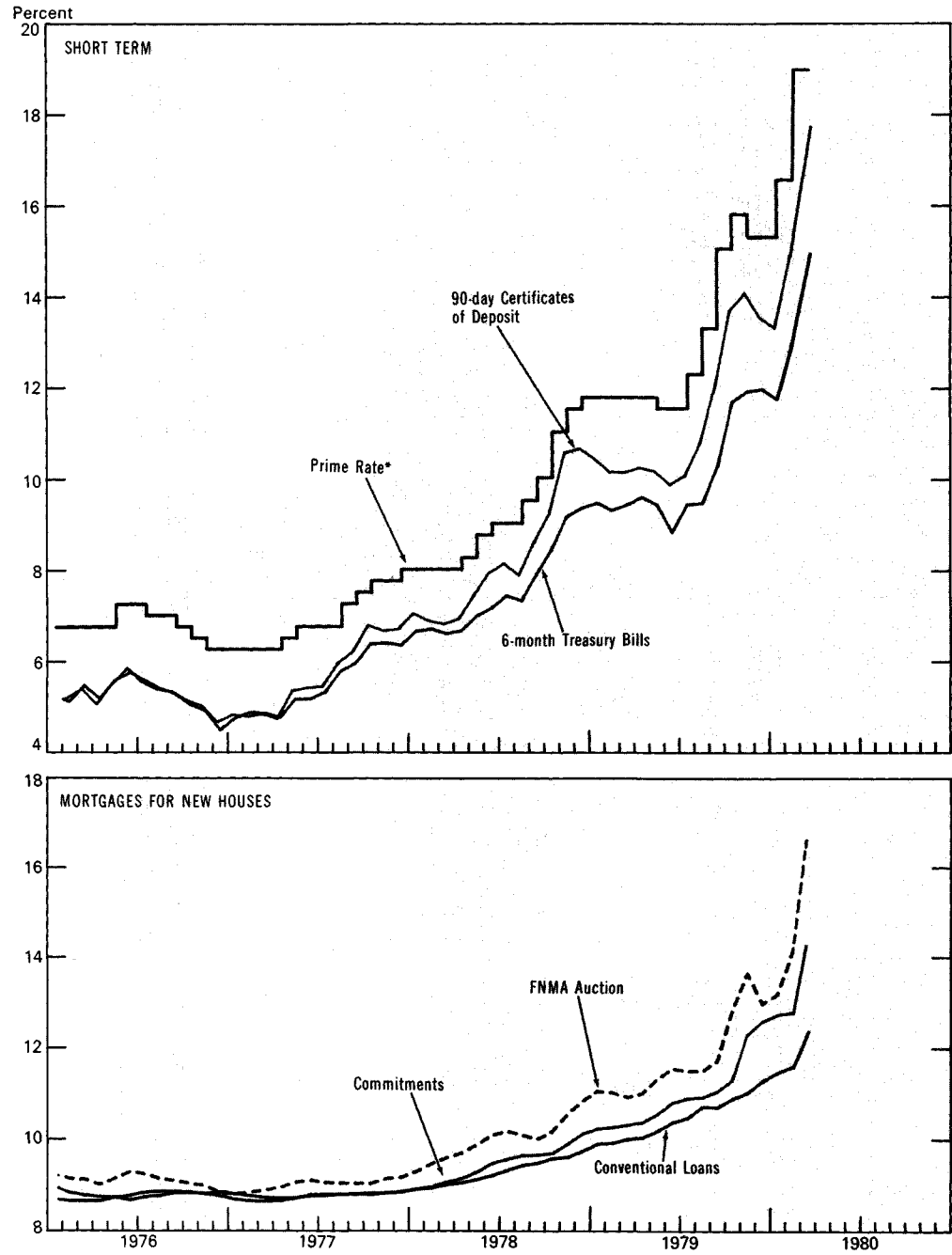
first quarter of 1980. The first-quarter inventory-sales ratio was 2.1, close to the 2.0 ratio preferred by dealers. Large cars were overstocked despite the rebate and incentive programs. Several models of domestic small cars and of imports were in short supply; limitations in capacity here and abroad as well as shipping constraints on imports may slow rebuilding of stocks of these models.

**Net exports**

Real net exports were up slightly in the first quarter, as both exports and imports increased more than in the fourth (table 10). Merchandise exports, particularly capital and consumer goods, were up sharply. The increase in consumer goods reflected large shipments of silver coins to European re-

CHART 5

**Selected Interest Rates**

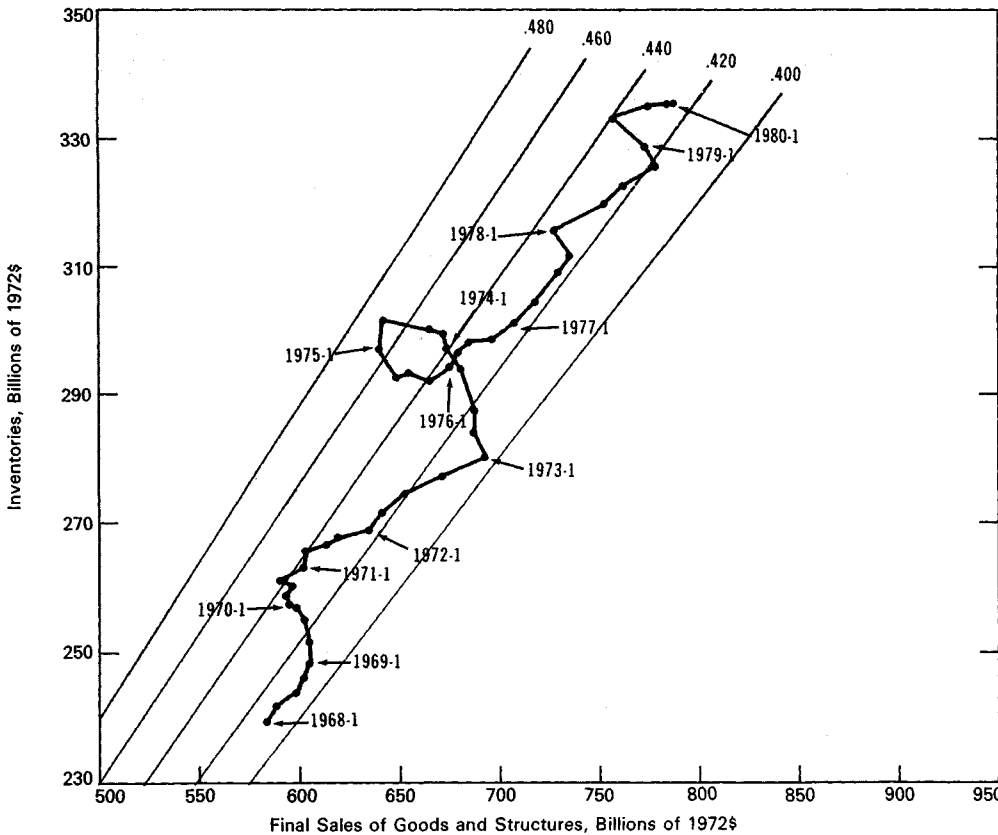
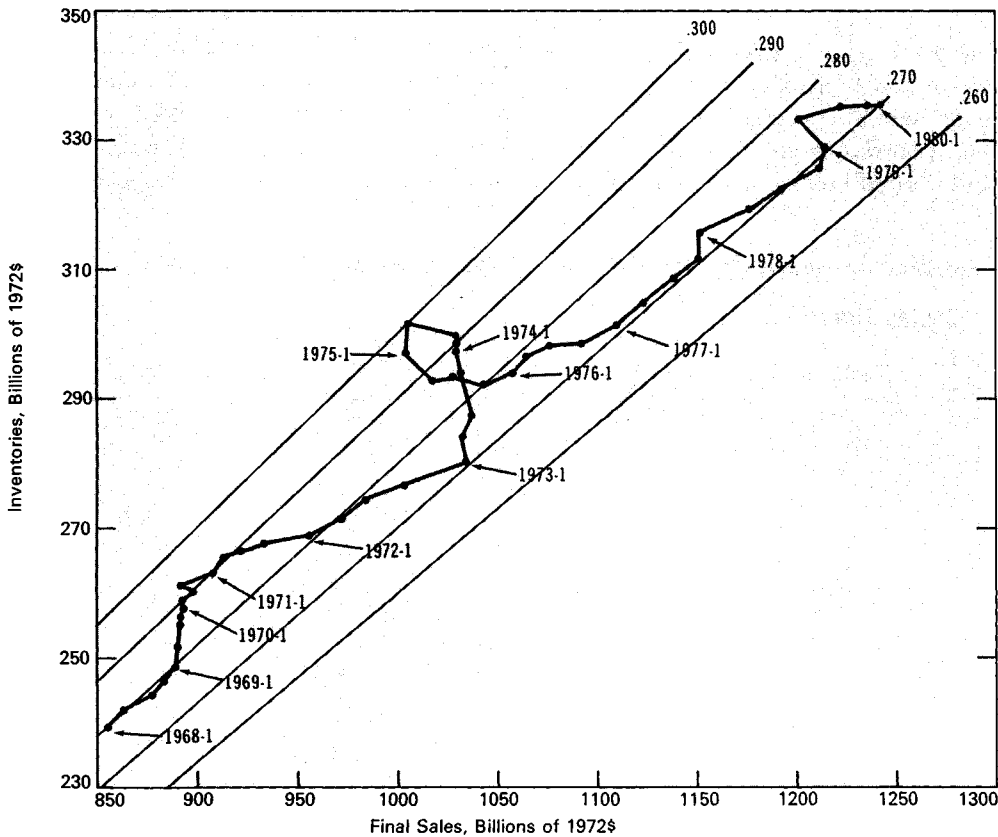


\* At the end of the month  
U.S. Department of Commerce, Bureau of Economic Analysis

Data: FRB, FHLBB

CHART 6

**Constant-Dollar Business Inventories, Final Sales and Final Sales of Goods and Structures, and Inventory-Sales Ratios**



Note.—End-of-quarter inventories, seasonally adjusted; final sales seasonally adjusted at annual rates. Blue lines represent ratios of inventory stocks to final sales.

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

finers. Agricultural exports fell, partly due to reduced grain shipments to the Soviet Union. Merchandise imports were also up, but not as much as exports. Automotive and capital goods imports increased after changing little in the fourth quarter. Petroleum imports, which had been steady since the second quarter of 1979, were lower; in contrast, current-dollar petroleum imports soared because of price increases.

**Government**

Real government purchases of goods and services increased 5½ percent (annual rate) in the first quarter, almost as much as in the fourth (table 11). Federal purchases increased substantially, as they had in the fourth quarter. Commodity Credit Corporation agricultural price support operations added to Federal purchases; in both quarters, declining crop prices led farmers to place substantial quantities of crops under loan.

*NIPA Federal sector.*—Information on current-dollar Federal receipts and expenditures is shown in table 12. Expenditures increased \$23½ billion, a little less than in the fourth quarter. Purchases increased \$9 billion, compared with \$15½ billion. The fourth-quarter increase had included the \$3½ billion Federal pay raise and substantial Commodity Credit Corporation loan extensions. Larger increases in other categories of expenditures, particularly net interest paid, almost offset the deceleration in purchases. Net interest paid reflected higher interest rates on Federal securities, and transfer payments included, as already noted, payment of the energy allowance to recipients of Supplemental Security Income.

Receipts will increase less than in the fourth quarter. Personal taxes declined, largely because, as noted earlier, there were unusually high refunds in the first quarter. Other receipts increased more than in the fourth quarter; legislative changes were a major factor. Contributions for social insurance reflected the increase in the social security tax base. The step-up in indirect business taxes was due to the imposition of the windfall profits tax on March 1 (\$3.5 billion) and of the fee on imported crude oil on

March 15 (\$2 billion). (See "Federal Budget Revisions for Fiscal Years 1980 and 1981" later in this issue.) Corporate profits tax accruals, and hence total receipts and the surplus or deficit, cannot be estimated at this time because corporate profits for the first quarter are not yet available. However, if a rough calculation of corporate profits is made on the basis of a corporate profits

figure that can be prepared by assuming that the statistical discrepancy is the same as in the fourth quarter, and if an allowance is made for the deductibility of the windfall profits tax in arriving at taxable profits, it would appear that the Federal deficit on a national income and product accounting basis will be about \$10 billion higher than in the fourth quarter.

### Fourth-Quarter Corporate Profits

Corporate profits from current production—profits with inventory valuation and capital consumption adjustments—declined \$4½ billion in the fourth quarter of 1979 to \$176½ billion (table 13). (The fourth-quarter estimate is \$3 billion lower than the one published a month ago; the revision was largely in domestic profits of nonfinancial corporations.) Since their peak in the fourth quarter of 1978, these profits have declined \$8½ billion (chart 7). The fourth-quarter-to-fourth-quarter decline was in domestic profits of nonfinancial corporations; rest-of-the-world profits and domestic profits of financial corporations increased. Within profits of nonfinancial corporations, petroleum manufacturing registered a very large increase and other industries combined registered an even larger decline.

Table 9.—Constant-Dollar Inventory-Sales Ratios for Manufacturing and Trade

[Seasonally adjusted, based on 1972 dollars]

	1979				1980	
	I	II	III	IV	Jan.	Feb.
Total.....	1.55	1.60	1.59	1.60	1.58	1.60
Manufacturing:						
Durables.....	2.07	2.21	2.26	2.33	2.28	2.26
Nondurables.....	1.36	1.38	1.38	1.38	1.37	1.41
Merchant wholesalers.....	1.34	1.31	1.30	1.29	1.28	1.31
Retail trade:						
Auto dealers.....	1.64	1.91	1.76	1.76	1.59	1.64
Other durable goods.....	1.78	1.77	1.70	1.71	1.77	1.77
Nondurable goods.....	1.19	1.21	1.20	1.18	1.18	1.19

Table 10.—Net Exports of Goods and Services in Current and Constant Dollars

	Current dollars				Constant (1972) dollars										
	Billions of dollars, seasonally adjusted at annual rates												Percent change from preceding quarter at annual rates		
	1979				1980	1979				1980	1979		1980		
	II	III	IV	I	II	III	IV	I	III	IV	I				
Net exports of goods and services.....	-8.1	-2.3	-11.9	-21.0	13.2	20.1	20.1	20.8							
Exports.....	243.7	267.3	280.4	299.4	116.0	122.2	124.3	128.3	23.0	7.0	13.6				
Merchandise.....	166.8	184.6	194.4	209.1	80.5	86.5	89.0	93.0	33.2	12.1	19.7				
Agricultural.....	30.9	38.4	42.2	40.5	14.3	16.7	18.4	17.7	88.2	46.7	-14.9				
Nonagricultural.....	135.9	146.1	152.2	168.5	66.2	69.7	70.5	75.3	23.1	4.8	30.2				
Other.....	76.9	82.7	86.0	90.4	35.6	35.7	35.3	35.3	2.0	-4.6	-7				
Imports.....	251.9	269.5	292.4	320.4	102.9	102.1	104.1	107.5	-2.9	8.2	13.5				
Merchandise.....	200.4	215.9	233.9	256.6	77.2	76.3	76.8	78.6	-4.8	3.0	9.4				
Petroleum.....	51.6	66.5	75.4	86.8	8.4	8.4	8.4	8.2	.6	.4	-9.5				
Nonpetroleum.....	148.8	149.5	158.5	169.8	68.8	67.8	68.4	70.3	-5.4	3.3	11.9				
Other.....	51.4	53.6	58.5	63.8	25.7	25.8	27.3	28.9	2.7	24.7	25.5				

Table 11.—Government Purchases of Goods and Services in Current and Constant Dollars

	Current dollars				Constant (1972) dollars										
	Billions of dollars, seasonally adjusted at annual rates												Percent change from preceding quarter at annual rates		
	1979				1980	1979				1980	1979		1980		
	II	III	IV	I	II	III	IV	I	III	IV	I				
Government purchases of goods and services.....	466.6	477.8	501.2	518.3	272.4	273.1	277.1	280.8	1.0	6.0	5.4				
Federal.....	161.7	162.9	178.4	187.3	98.1	97.4	101.1	105.0	-2.6	16.0	16.2				
National defense.....	106.0	109.0	114.6	119.6											
Nondefense.....	55.7	53.9	63.8	67.7											
State and local.....	304.9	314.9	322.8	331.0	174.3	175.6	176.0	175.7	3.1	.8	-5				

**Industry profits**

One of the valuation adjustments to profits—the capital consumption adjustment (CCAdj)—is not available in industry detail. As a result, an analysis

of profits by industry must be done using a measure—corporate profits with inventory valuation adjustment and without capital consumption adjustment—that omits that adjustment.

Because changes in the CCAdj are generally small, its omission does not seriously handicap the analysis.

Rest-of-the-world profits—measured as the net inflow of branch profits and dividends—declined \$2½ billion in the fourth quarter to \$13½ billion. Much of the increase from the fourth quarter of 1978, and in particular much of the sharp increase in the third quarter of 1979, was accounted for by overseas petroleum operations of U.S. corporations.

Domestic profits of financial corporations increased \$1 billion in the fourth quarter to \$35 billion. Most of the fourth-quarter increase and also most of a \$3 billion increase from the fourth quarter of 1978 was traceable to Federal Reserve banks. The increase in profits of the Federal Reserve banks reflected increasing holdings of U.S. Government securities and the higher yields earned on them. Commercial bank profits were strong despite narrowing spreads between interest rates received and paid because the volume of business loans increased strongly through most of the year. Profits of other financial corporations were held down by narrowing interest rate spreads, slowing deposit inflows and some disintermediation, and other problems of unsettled economic and financial conditions.

Within domestic profits of non-financial corporations, profits in petroleum manufacturing increased \$6½ billion in the fourth quarter to \$28½ billion. They had increased each quarter in 1979, for a total increase of \$13½ billion. The corporations included in this industry typically are integrated—that is, they engage in production, transportation, refining, and marketing of petroleum and its products. Further, these corporations engage extensively in coal mining and in the manufacture of petroleum-related products such as chemicals. These characteristics of the corporations make it difficult to measure and analyse their profits. However, production in petroleum manufacturing trended down over the year, suggesting that the increase in profits was associated with a widening of margins on crude oil and refined products.

**Table 12.—Federal Government Receipts and Expenditures, NIPA Basis**

[Billions of dollars]

	Seasonally adjusted at annual rates				Change			
	1979			1980	1979			1980
	II	III	IV	I	II	III	IV	I
<b>Receipts</b> .....	485.8	504.8	524.7	n.a.	10.8	19.0	19.9	n.a.
Personal tax and nontax receipts.....	223.4	235.2	248.5	246.5	10.4	11.8	13.3	-2.0
Corporate profits tax accruals.....	74.9	79.4	81.4	n.a.	-2.3	4.5	2.0	n.a.
Indirect business tax and nontax accruals.....	29.9	30.0	30.7	35.8	.5	.1	.7	5.1
Contributions for social insurance.....	157.5	160.2	164.1	171.4	2.0	2.7	3.9	7.3
<b>Expenditures</b> .....	492.9	516.1	540.4	564.0	6.1	23.2	24.3	23.6
Purchases of goods and services.....	161.7	162.9	178.4	187.3	-1.9	1.2	15.5	8.9
National defense.....	106.0	109.0	114.6	119.6	2.6	3.0	5.6	5.0
Nondefense.....	55.7	53.9	63.8	67.7	-4.5	-1.8	9.9	3.9
Transfer payments.....	201.9	217.6	222.7	229.3	5.1	15.7	5.1	6.6
Grants-in-aid to State and local governments.....	77.7	81.8	84.3	87.3	-1	4.1	2.5	3.0
Net interest paid.....	42.6	43.5	46.2	50.9	2.6	.9	2.7	4.7
Subsidies less current surplus of government enterprise.....	9.0	10.2	8.8	9.3	.7	1.2	-1.4	.5
Less: Wage accruals less disbursements.....	0	0	0	0	.2	0	0	0
<b>Surplus or deficit (-), national income and product accounts</b> .....	-7.0	-11.3	-15.7	n.a.	4.7	-4.3	-4.4	n.a.

n.a. Not available.

**Table 13.—Corporate Profits**

[Billions of dollars; seasonally adjusted at annual rates]

	1978 IV	1979: Change from preceding quarter				1979 IV
		I	II	III	IV	
<b>Corporate profits with inventory valuation and capital consumption adjustments</b> .....	184.8	-5.9	-2.3	4.2	-4.4	176.4
Profits before tax.....	227.4	5.9	-5.4	14.4	.7	243.0
Profits tax liability.....	95.1	-3.8	-2.6	5.3	2.1	96.1
Profits after tax.....	132.3	9.7	-2.7	9.0	-1.4	146.9
Dividends.....	49.7	1.8	.8	.5	1.6	54.4
Undistributed profits.....	82.6	7.9	-3.5	8.5	-3.0	92.5
Inventory valuation adjustment.....	-28.8	-11.1	3.3	-7.4	-2.5	-46.5
Capital consumption adjustment.....	-13.8	-7	-2	-2.9	-2.5	-20.1
<b>Corporate profits with inventory valuation adjustment and without capital consumption adjustment</b> .....	198.6	-5.3	-2.0	7.0	-1.8	196.5
Rest of the world.....	9.6	2.3	-2	4.1	-2.3	13.5
Domestic.....	189.0	-7.6	-1.8	2.9	.5	183.0
Financial.....	32.1	-.2	.1	1.8	1.2	35.0
Federal Reserve banks.....	8.6	.2	.4	.5	.9	10.6
Other financial.....	23.5	-.4	-.3	1.3	.3	24.4
Nonfinancial.....	156.9	-7.3	-1.9	1.0	-.7	148.0
Petroleum and allied products manufacturing.....	14.8	1.6	3.1	2.3	6.5	28.3
Other.....	142.1	-8.9	-5.0	-1.3	-7.2	119.7
Manufacturing other than petroleum and allied products.....	75.8	1.9	-6.6	-6.5	-8.9	55.7
Nondurable goods other than petroleum and allied products.....	30.3	1.5	-1.9	2.1	-5.5	26.5
Food and kindred products.....	6.4	-.7	1.9	.2	-1.4	6.4
Chemicals and allied products.....	8.9	.1	-1.0	-.9	-.5	6.6
Other.....	15.1	2.0	-2.9	2.9	-3.6	13.5
Durables.....	45.5	.5	-4.8	-8.6	-3.4	29.2
Primary metal industries.....	2.9	.9	.4	-.2	-2.1	1.9
Fabricated metal products.....	5.1	-.1	.4	-.6	-.1	4.7
Machinery, except electrical.....	9.8	-1.6	-.6	.3	-1.0	6.9
Electrical and electronic equipment.....	5.1	.4	-.3	-.1	-.5	4.6
Motor vehicles and equipment.....	9.3	2.1	-4.0	-7.9	.1	-.4
Other.....	13.3	-1.3	-.7	-.1	.3	11.5
Wholesale and retail trade.....	25.8	-7.2	3.8	4.1	.6	27.1
Transportation, communication, and electric, gas, and sanitary services.....	22.7	-1.0	-3.2	-.5	-.6	17.4
Transportation.....	5.3	-.5	-.1	.1	-.1	4.7
Communication.....	7.5	-.4	-.7	.9	-.4	6.9
Electric, gas, and sanitary services.....	9.8	0	-2.4	-1.5	0	5.8
Other.....	17.9	-2.8	1.0	1.7	1.6	19.4



Within manufacturing other than petroleum, profits declined \$9 billion in the fourth quarter, and \$20 billion from the fourth quarter of 1978. Virtually all industries—durables as well as nondurables—contributed to these declines. Motor vehicle manufacturers registered net losses in the second half of 1979, compared with profits of \$9½ billion in the fourth quarter of 1978. The swing reflected a sharp drop in the production of autos and trucks, and, in the case of autos, a substantial shift to small cars on which profit margins are lower than on large cars. Related to these developments, manufacturers introduced several rebate and incentive programs designed to encourage purchase of large cars; these programs held down profits in the second half of 1979.

Profits of rubber manufacturers, which are included in "other" nondurables reflected weak demand for

tires for replacements and for installation on new motor vehicles—the latter due to the drop in motor vehicle production. The weakness in profits of primary metals industries was largely in the steel industry. Lower demand for steel in the second half of the year, mainly for use in motor vehicles, and temporarily lowered productivity associated with the bringing on line of modernized plants were major factors.

Profits of food manufacturers showed sharp but offsetting quarterly changes. The changes probably reflect the industry practice of allowing its margins to fluctuate in the short run instead of attempting to adjust its product prices to follow fully changes in crude food prices. However, the quarterly estimates may in part reflect measurement errors; the inventory valuation adjustment (IVA), which is large in this industry, is difficult to estimate when crude food prices change rapidly and substantially.

Profits in trade increased \$½ billion in the fourth quarter, primarily reflecting some recovery in auto retailers' profits. This increase, in combination with larger ones in the third and second quarters, more than offset a sharp decline—\$7 billion—in the first quarter of 1979, when sales were held down by severe winter weather. Weakness in the profits of transportation industries was largely traceable to airlines. Rising fuel costs and high costs associated with opening new routes following deregulation of the industry held down profits.

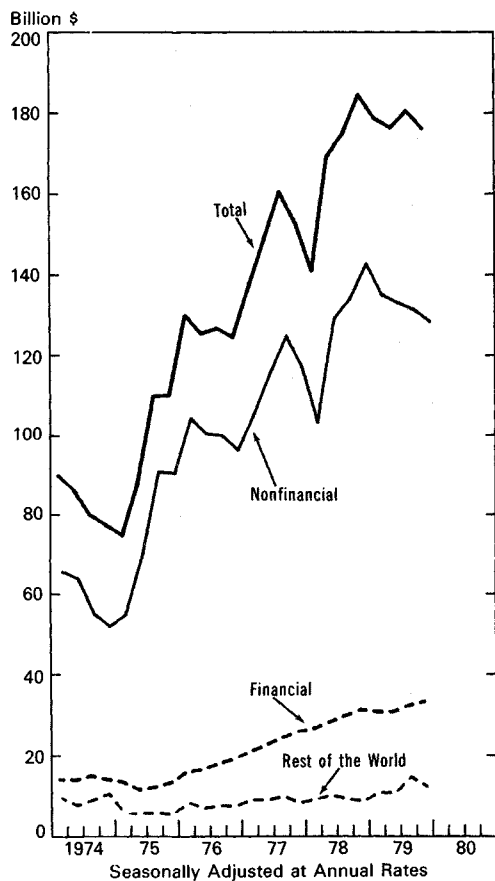
**Components of profits**

The two valuation adjustments—the IVA and the CCAdj—are designed to obtain measures of profits in which inventories and fixed capital used up in production are valued at replacement costs, the valuation concept underlying national income and product accounting, rather than historical cost, the valuation concept underlying business accounting.<sup>4</sup> The IVA decreased in the fourth quarter—from \$44 billion to \$46½ billion. With one exception, it

<sup>4</sup>The CCAdj also 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).

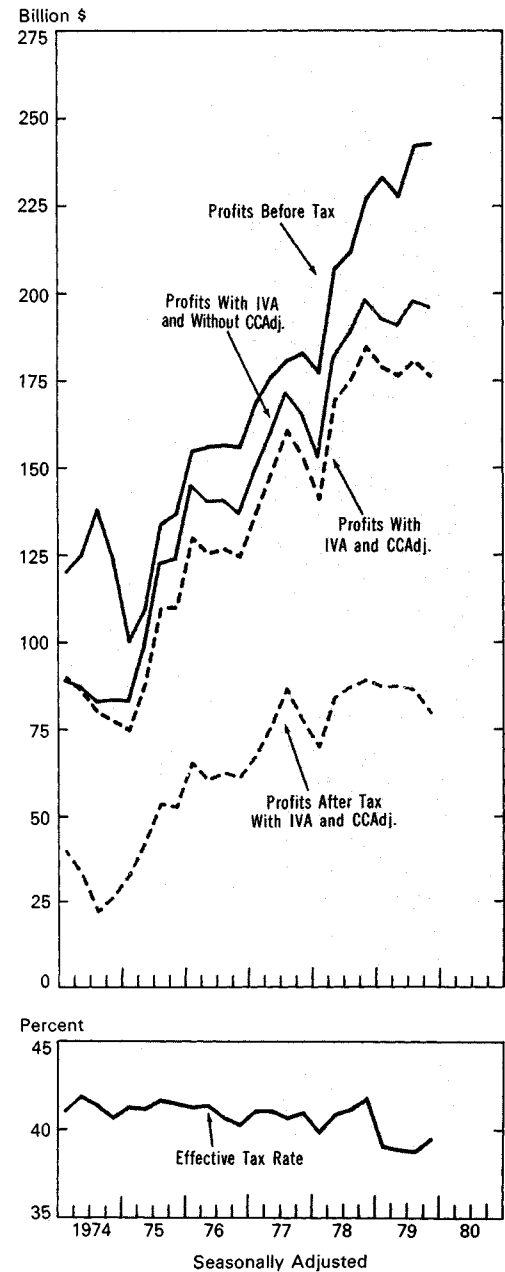
became more negative each quarter of 1979; its positive change in the second quarter reflected the deceleration of food prices. The CCAdj became more negative each quarter, more in the second half of the year than in the first. In the fourth quarter it was -\$20 billion.

**CHART 7**  
**Profits with IVA and CCAdj.**



Note.—An IVA is not calculated for financial and rest of the world and a CCAdj. is not calculated for rest of the world.

**CHART 8**  
**Corporate Profits**



NOTE.—IVA is inventory valuation adjustment and CCAdj. is capital consumption adjustment.

Profits before tax (PBT) exclude the two valuation adjustments, and, in contrast to the two profits aggregates discussed earlier, increased in the fourth quarter and from the fourth quarter of 1978—\$½ billion and \$1½ billion, respectively (chart 8).

Profits tax liability increased \$2 billion in the fourth quarter. The larger increase in profits tax liability than in PBT reflected the composition of the increase in profits: (1) Because there is no domestic profits tax liability associated with rest-of-the-world profits, there was no decline in tax liability

associated with the decline in rest-of-the-world profits; and (2) because profits of Federal Reserve banks are paid to the U.S. Treasury and are treated as taxes, the increase in the profits of Federal Reserve banks was registered as an increase in tax liability. The reduction in profits tax liability in the first quarter of 1979 was due to the Revenue Act of 1978, which cut the maximum tax rate from 48 to 46 percent and cut tax liability on the first \$100,000 of a corporation's profits. Largely reflecting this legislation, the effective tax rate—profits tax liability as a percentage of PBT—was reduced in 1979 (chart 8).

Dividends were up \$1½ billion in the fourth quarter and \$4½ billion from the fourth quarter of 1978. Undistributed profits as shown in table 13 were \$92½ billion in the fourth quarter of 1979, up \$10 billion from the fourth quarter of 1978. These estimates are based upon the historical cost rather than the replacement cost of inventories and fixed capital used up. For some purposes the replacement cost valuation is preferable. Using this valuation, undistributed profits were \$26 billion, down \$14 billion from the fourth quarter of 1978.

NATIONAL INCOME AND PRODUCT TABLES

	1978	1979	1978					1979					1978	1979	1978					1979					1978	1979
			1978					1979							1978					1979						
			IV	I	II	III	IV	I <sup>p</sup>	IV	I	II	III			IV	I <sup>p</sup>	IV	I	II	III	IV	I <sup>p</sup>				
Seasonally adjusted at annual rates																										
Billions of current dollars																										
Billions of 1972 dollars																										

Table 1.—Gross National Product in Current and Constant Dollars (1.1, 1.2)

Gross national product.....	2,127.6	2,368.8	2,235.2	2,292.1	2,329.8	2,396.5	2,456.9	2,520.3	1,399.2	1,431.6	1,426.6	1,430.6	1,422.3	1,433.3	1,440.3	1,444.2
Personal consumption expenditures.....	1,350.8	1,509.8	1,415.4	1,454.2	1,475.9	1,528.6	1,580.4	1,634.1	900.8	924.5	920.3	921.8	915.0	925.9	935.4	939.0
Durable goods.....	200.3	213.0	212.1	213.8	208.7	213.4	216.2	221.8	146.7	147.1	152.1	150.2	144.8	146.9	146.7	146.3
Nondurable goods.....	530.6	596.9	558.1	571.1	581.2	604.7	630.7	653.0	343.3	349.1	351.9	348.1	344.1	349.2	355.1	354.5
Services.....	619.8	699.8	645.1	669.3	686.0	710.6	733.5	759.4	410.8	428.3	416.3	423.5	426.1	429.9	433.6	438.1
Gross private domestic investment.....	351.5	387.2	370.5	373.8	395.4	392.3	387.2	388.8	214.3	215.2	217.4	217.2	221.7	214.2	207.7	203.7
Fixed investment.....	329.1	369.0	349.8	354.6	361.9	377.8	381.7	384.3	200.2	205.5	205.5	204.9	203.5	207.1	206.3	203.7
Nonresidential.....	221.1	254.9	236.1	243.4	249.1	261.8	265.2	271.6	140.1	148.8	145.5	147.2	146.9	150.7	150.5	151.0
Structures.....	76.5	92.6	84.4	84.9	90.5	95.0	100.2	102.6	43.9	48.1	46.5	45.8	47.9	48.7	50.1	50.5
Producers' durable equipment.....	144.6	162.2	151.8	158.5	158.6	166.7	165.1	169.0	96.2	100.7	98.9	101.3	99.0	101.9	100.4	100.5
Residential.....	108.0	114.1	113.7	111.2	112.9	116.0	116.4	112.7	60.1	56.7	60.0	57.7	56.7	56.5	55.8	52.8
Nonfarm structures.....	104.4	110.2	110.0	107.8	109.1	112.0	112.1	108.3	57.7	54.3	57.6	55.6	54.4	54.0	53.2	50.2
Farm structures.....	1.8	1.9	1.9	1.5	1.8	2.0	2.3	2.2	1.0	.9	1.0	.8	.9	1.0	1.1	1.0
Producers' durable equipment.....	1.9	2.0	1.9	1.9	2.0	2.0	2.1	2.3	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.6
Change in business inventories.....	22.3	18.2	20.6	19.1	33.4	14.5	5.6	4.5	14.1	9.7	12.0	12.3	18.1	7.1	1.4	0
Nonfarm.....	21.3	16.5	19.3	18.8	32.6	12.6	2.1	4.1	13.7	8.9	11.5	12.1	17.7	6.1	-4	-3
Farm.....	1.1	1.7	1.3	.3	.8	1.9	3.5	.4	.3	.9	.5	.2	.4	1.0	1.8	.2
Net exports of goods and services.....	-10.3	-4.6	-4.5	4.0	-8.1	-2.3	-11.9	-21.0	11.0	17.6	12.9	17.0	13.2	20.1	20.1	20.8
Exports.....	207.2	257.5	224.9	238.5	243.7	267.3	280.4	299.4	108.9	119.9	113.8	117.0	116.0	122.2	124.3	128.3
Imports.....	217.5	262.1	229.4	234.4	251.9	269.5	292.4	320.4	97.9	102.3	101.0	100.0	102.9	102.1	104.1	107.5
Government purchases of goods and services.....	435.6	476.4	453.8	460.1	466.6	477.8	501.2	518.3	273.2	274.3	276.0	274.7	272.4	273.1	277.1	280.8
Federal.....	152.6	166.6	159.0	163.6	161.7	162.9	178.4	187.3	98.6	99.4	99.3	101.1	98.1	97.4	101.1	105.0
National defense.....	99.0	108.3	101.2	103.4	106.0	109.0	114.6	119.6								
Nondefense.....	53.6	58.4	57.8	60.2	55.7	53.9	63.8	67.7								
State and local.....	283.0	309.8	294.8	296.5	304.9	314.9	322.8	331.0	174.6	174.9	176.6	173.6	174.3	175.6	176.0	175.7

Table 2.—Gross National Product by Major Type of Product in Current and Constant Dollars (1.3, 1.5)

Gross national product.....	2,127.6	2,368.8	2,235.2	2,292.1	2,329.8	2,396.5	2,456.9	2,520.3	1,399.2	1,431.6	1,426.6	1,430.6	1,422.3	1,433.3	1,440.3	1,444.2
Final sales.....	2,105.2	2,350.6	2,214.5	2,272.9	2,296.4	2,381.9	2,451.4	2,515.8	1,385.1	1,421.9	1,414.6	1,418.4	1,404.1	1,426.2	1,439.0	1,444.3
Change in business inventories.....	22.3	18.2	20.6	19.1	33.4	14.5	5.6	4.5	14.1	9.7	12.0	12.3	18.1	7.1	1.4	0
Goods.....	930.0	1,030.5	983.8	1,011.8	1,018.1	1,036.0	1,056.3	1,085.6	639.5	653.1	657.3	658.6	647.3	651.3	655.1	658.2
Final sales.....	907.7	1,012.4	963.2	992.7	984.6	1,021.5	1,050.7	1,081.1	625.4	643.4	645.3	646.3	629.1	644.2	653.7	658.2
Change in business inventories.....	22.3	18.2	20.6	19.1	33.4	14.5	5.6	4.5	14.1	9.7	12.0	12.3	18.1	7.1	1.4	0
Durable goods.....	380.4	423.1	402.3	425.5	422.4	424.4	420.2	422.8	270.0	278.3	279.1	286.0	278.3	276.6	272.4	269.9
Final sales.....	366.5	410.2	388.9	407.1	398.0	417.1	418.4	430.8	261.4	271.3	270.6	275.2	265.1	272.9	272.0	273.2
Change in business inventories.....	13.9	13.0	13.4	18.4	24.3	7.3	1.8	-8.0	8.6	7.0	8.5	10.8	13.2	3.7	.4	-3.4
Nondurable goods.....	549.6	607.4	581.6	586.2	595.7	611.6	636.1	662.8	369.4	374.8	378.2	372.6	369.0	374.7	382.7	388.3
Final sales.....	541.2	602.2	574.3	585.5	586.6	604.4	632.3	650.4	364.0	372.1	374.7	371.2	364.1	371.3	381.7	385.0
Change in business inventories.....	8.4	5.2	7.2	.7	9.1	7.2	3.8	12.5	5.5	2.7	3.5	1.4	4.9	3.4	1.0	3.3
Services.....	969.3	1,085.1	1,005.3	1,041.4	1,064.2	1,100.6	1,134.0	1,167.6	630.3	649.7	636.0	645.2	647.3	652.0	654.4	657.7
Structures.....	228.2	253.2	246.0	238.9	247.5	259.8	266.6	267.0	129.5	128.8	133.3	126.8	127.7	130.0	130.8	128.3

Table 3.—Gross National Product by Sector in Current and Constant Dollars (1.7, 1.8)

Gross national product.....	2,127.6	2,368.8	2,235.2	2,292.1	2,329.8	2,396.5	2,456.9	2,520.3	1,399.2	1,431.6	1,426.6	1,430.6	1,422.3	1,433.3	1,440.3	1,444.2
Gross domestic product.....	2,107.0	2,343.5	2,213.9	2,267.9	2,306.1	2,369.5	2,430.6	2,494.6	1,391.1	1,423.8	1,418.4	1,421.7	1,414.2	1,425.3	1,433.8	1,439.2
Business.....	1,807.8	2,017.9	1,904.9	1,951.4	1,984.5	2,042.0	2,093.6	2,150.2	1,197.5	1,228.3	1,223.9	1,226.9	1,219.0	1,229.3	1,237.9	1,242.6
Nonfarm.....	1,745.0	1,944.0	1,837.5	1,880.8	1,915.2	1,964.8	2,015.2	2,069.0	1,160.0	1,191.2	1,188.0	1,193.1	1,184.7	1,189.4	1,197.8	1,202.4
Nonfarm less housing.....	1,579.2	1,755.6	1,664.7	1,702.3	1,731.0	1,773.4	1,815.8	1,868.0	1,039.6	1,063.8	1,065.8	1,068.6	1,058.2	1,061.0	1,067.4	1,070.1
Housing.....	165.8	188.4	172.9	178.6	184.2	191.4	199.4	206.0	120.4	127.4	122.3	124.5	126.5	128.4	130.3	132.3
Farm.....	59.5	70.2	63.3	70.0	70.6	68.9	71.1	67.8	34.2	34.8	33.2	33.4	35.1	34.9	35.9	35.9
Statistical discrepancy.....	3.3	3.7	4.1	.6	-1.3	8.3	7.2		3.4	2.2	2.7	.4	-8	5.0	4.3	24.3
Residual <sup>1</sup> .....																
Households and institutions.....	69.6	77.2	72.1	74.8	75.8	77.9	80.4	83.3	43.6	45.0	44.1	44.4	44.7	45.4	45.7	46.2
Government.....	229.6	248.4	237.0	241.8	245.8	249.6	256.6	261.2	149.9	150.5	150.4	150.4	150.5	150.6	150.3	150.4
Federal.....	71.8	77.0	74.8	75.5	75.8	76.3	80.6	81.1	49.1	49.1	49.3	49.2	49.1	49.2	49.0	49.1
State and local.....	157.8	171.4	162.2	166.3	170.0	173.3	175.9	180.1	100.8	101.3	101.1	101.2	101.4	101.5	101.2	101.3
Rest of the world.....	20.5	25.3	21.2	24.2	23.7	26.9	26.4	25.7	8.1	7.9	8.1	8.9	8.1	8.0	6.5	5.0

<sup>p</sup> Preliminary. See footnotes on p. 14.

NOTE.—Fourth quarter 1979 corporate profits and related totals are revised. This applies to all tables that contain corporate profits or related items.

HISTORICAL STATISTICS

The national income and product series for 1929-72 are in *The National Income and Product Accounts of the United States, 1929-74: Statistical Tables* (available for \$4.95, SN 003-010-00052-9, from Commerce Department District Offices or the Superintendent of Documents; see addresses inside front cover). Data for 1973, 1974,

1975, and 1975-78 are in the July 1976, 1977, 1978, and 1979 issues of the SURVEY, respectively. Summary national income and product series in current and constant dollars and implicit price deflators for 1947-79 are shown in the January 1980 issue of the SURVEY.

	1978	1979	1979					1980
			Seasonally adjusted at annual rates					
			IV	I	II	III	IV	
Billions of dollars								

**Table 4.—Relation of Gross National Product, Net National Product, National Income, and Personal Income (1.9)**

Gross national product.....	2,127.6	2,368.8	2,235.2	2,292.1	2,329.8	2,396.5	2,456.9	2,520.3
Less: Capital consumption allowances with capital consumption adjustment.....	216.9	243.0	224.6	229.9	239.0	247.9	255.1	263.3
Capital consumption allowances without capital consumption adjustment.....	172.0	187.1	176.5	180.1	186.4	189.3	192.6	196.8
Less: Capital consumption adjustment.....	-44.9	-55.8	-48.0	-49.7	-52.5	-58.6	-62.5	-66.6
<b>Equals: Net national product.....</b>	<b>1,910.7</b>	<b>2,125.9</b>	<b>2,010.6</b>	<b>2,062.2</b>	<b>2,090.8</b>	<b>2,148.5</b>	<b>2,201.9</b>	<b>2,256.9</b>
Less: Indirect business tax and nontax liability.....	178.1	189.5	182.1	184.8	186.9	191.1	195.1	203.0
Business transfer payments.....	9.2	10.2	9.5	9.6	9.9	10.4	10.8	11.3
Statistical discrepancy.....	3.3	3.7	4.1	.6	-1.3	8.3	7.2	-----
Plus: Subsidies less current surplus of government enterprises.....	4.2	2.3	5.1	1.8	2.6	3.2	1.7	1.8
<b>Equals: National income.....</b>	<b>1,724.3</b>	<b>1,924.8</b>	<b>1,820.0</b>	<b>1,869.0</b>	<b>1,897.9</b>	<b>1,941.9</b>	<b>1,990.4</b>	-----
Less: Corporate profits with inventory valuation and capital consumption adjustments.....	167.7	178.2	184.8	178.9	176.6	180.8	176.4	-----
Net interest.....	109.5	129.7	117.6	122.6	125.6	131.5	139.2	147.2
Contributions for social insurance.....	164.1	189.8	170.0	184.6	187.7	191.1	195.9	203.5
Wage accruals less disbursements.....	.2	-.2	.4	.1	-.9	-.1	.2	-.2
Plus: Government transfer payments to persons.....	214.9	241.9	222.3	227.7	233.7	250.4	255.6	263.3
Personal interest income.....	163.3	192.1	174.3	181.0	187.6	194.4	205.5	217.9
Net interest.....	109.5	129.7	117.6	122.6	125.6	131.5	139.2	147.2
Interest paid by government to persons and business.....	49.8	59.0	52.1	55.0	58.3	59.9	62.9	67.7
Less: Interest received by government.....	30.7	36.3	32.4	34.3	35.4	37.3	38.1	39.5
Interest paid by consumers to business.....	34.8	39.6	37.1	37.7	39.0	40.2	41.5	42.5
Dividends.....	47.2	52.7	49.7	51.5	52.3	52.8	54.4	56.7
Business transfer payments.....	9.2	10.2	9.5	9.6	9.9	10.4	10.8	11.3
<b>Equals: Personal income.....</b>	<b>1,717.4</b>	<b>1,924.2</b>	<b>1,803.1</b>	<b>1,852.6</b>	<b>1,892.5</b>	<b>1,946.6</b>	<b>2,005.0</b>	<b>2,506.6</b>

**Table 5.—Relation of Gross National Product, Net National Product, and National Income in Constant Dollars (1.10)**

[Billions of 1972 dollars]

Gross national product.....	1,399.2	1,431.6	1,426.6	1,430.6	1,422.3	1,433.3	1,440.3	1,444.2
Less: Capital consumption allowances with capital consumption adjustment.....	132.5	136.8	133.6	134.5	136.3	137.7	138.6	140.3
<b>Equals: Net national product.....</b>	<b>1,266.7</b>	<b>1,294.9</b>	<b>1,292.9</b>	<b>1,296.1</b>	<b>1,286.0</b>	<b>1,295.6</b>	<b>1,301.7</b>	<b>1,303.9</b>
Less: Indirect business tax and nontax liability plus business transfer payments less subsidies plus current surplus of government enterprises.....	138.9	142.4	141.8	142.5	141.0	142.4	143.7	144.1
Residual <sup>1</sup> .....	3.4	2.2	2.7	.4	-.8	5.0	4.3	-----
<b>Equals: National income.....</b>	<b>1,124.4</b>	<b>1,150.2</b>	<b>1,148.5</b>	<b>1,153.2</b>	<b>1,145.8</b>	<b>1,148.2</b>	<b>1,153.7</b>	-----

	1978	1979	1979					1980
			Seasonally adjusted at annual rates					
			IV	I	II	III	IV	
Billions of dollars								

**Table 6.—Net National Product and National Income by Sector in Current and Constant Dollars (1.11, 1.12)**

Net national product.....	1,910.7	2,125.9	2,010.6	2,062.2	2,090.8	2,148.5	2,201.9	2,256.9
Net domestic product.....	1,890.1	2,100.6	1,989.4	2,038.1	2,067.2	2,121.6	2,175.5	2,231.3
Business.....	1,590.9	1,774.9	1,680.4	1,721.5	1,745.6	1,794.1	1,838.5	1,886.8
Nonfarm.....	1,534.8	1,718.0	1,629.0	1,667.3	1,693.1	1,733.9	1,777.6	-----
Farm.....	43.8	53.2	47.3	53.6	53.8	51.9	53.7	49.8
Statistical discrepancy.....	3.3	3.7	4.1	.6	-1.3	8.3	7.2	-----
Households and institutions.....	69.6	77.2	72.1	74.8	75.8	77.9	80.4	83.3
Government.....	229.6	248.4	237.0	241.8	245.8	249.6	256.6	261.2
Rest of the world.....	20.5	25.3	21.2	24.2	23.7	26.9	26.4	25.7
<b>National income.....</b>	<b>1,724.3</b>	<b>1,924.8</b>	<b>1,820.0</b>	<b>1,869.0</b>	<b>1,897.9</b>	<b>1,941.9</b>	<b>1,990.4</b>	-----
Domestic income.....	1,703.8	1,899.5	1,798.8	1,844.9	1,874.3	1,915.0	1,964.0	-----
Business.....	1,404.6	1,573.9	1,489.8	1,528.3	1,552.7	1,587.5	1,627.0	-----
Nonfarm.....	1,361.3	1,522.3	1,441.9	1,476.7	1,500.9	1,538.2	1,573.4	-----
Farm.....	43.3	51.6	47.9	51.6	51.8	49.3	53.7	47.8
Households and institutions.....	69.6	77.2	72.1	74.8	75.8	77.9	80.4	83.3
Government.....	229.6	248.4	237.0	241.8	245.8	249.6	256.6	261.2
Rest of the world.....	20.5	25.3	21.2	24.2	23.7	26.9	26.4	25.7
Billions of 1972 dollars								
Net national product.....	1,266.7	1,294.9	1,292.9	1,296.1	1,286.0	1,295.6	1,301.7	1,303.9
Net domestic product.....	1,258.5	1,287.0	1,284.8	1,287.2	1,278.0	1,287.6	1,295.3	1,298.9
Business.....	1,065.0	1,091.5	1,090.3	1,092.4	1,082.8	1,091.6	1,099.3	1,102.3
Nonfarm.....	1,036.7	1,063.8	1,063.7	1,067.9	1,057.8	1,061.0	1,068.5	-----
Farm.....	24.9	25.5	24.0	24.1	25.7	25.6	26.5	26.5
Residual <sup>1</sup> .....	3.4	2.2	2.7	.4	-.8	5.0	4.3	-----
Households and institutions.....	43.6	45.0	44.1	44.4	44.7	45.4	45.7	46.2
Government.....	149.9	150.5	150.4	150.4	150.5	150.6	150.3	150.4
Rest of the world.....	8.1	7.9	8.1	8.9	8.1	8.0	6.5	5.0
<b>National income.....</b>	<b>1,124.4</b>	<b>1,150.2</b>	<b>1,148.5</b>	<b>1,153.2</b>	<b>1,145.8</b>	<b>1,148.2</b>	<b>1,153.7</b>	-----
Domestic income.....	1,116.2	1,142.4	1,140.4	1,144.4	1,137.7	1,140.2	1,147.3	-----
Business.....	922.7	946.9	945.9	949.5	942.5	944.2	951.3	-----
Nonfarm.....	896.0	919.4	920.1	923.6	914.7	916.7	922.7	-----
Farm.....	26.7	27.5	25.8	25.9	27.8	27.5	28.7	28.8
Households and institutions.....	43.6	45.0	44.1	44.4	44.7	45.4	45.7	46.2
Government.....	149.9	150.5	150.4	150.4	150.5	150.6	150.3	150.4
Rest of the world.....	8.1	7.9	8.1	8.9	8.1	8.0	6.5	5.0

<sup>1</sup> Preliminary.

1. Equals GNP in constant dollars measured as the sum of final products less GNP in constant dollars measured as the sum of gross product by industry. The quarterly estimates are obtained by interpolating the annual estimates with the statistical discrepancy deflated by the implicit price deflator for gross domestic business product.

NOTE.—Table 6: The industry classification within the business sector is on an establishment basis and is based on the 1972 Standard Industrial Classification.

Footnotes for tables 2 and 3.

1. Equals GNP in constant dollars measured as the sum of final products less GNP in constant dollars measured as the sum of gross product by industry. The quarterly estimates are obtained by interpolating the annual estimates with the statistical discrepancy deflated by the implicit price deflator for gross domestic business product.

NOTE.—Table 2: "Final sales" is classified as durable or nondurable by type of product. "Change in business inventories" is classified as follows: For manufacturing, by the type of product produced by the establishment holding the inventory; for trade, by the type of product sold by the establishment holding the inventory; for construction, durable; and for other industries, nondurable.

Table 3: The industry classification within the business sector is on an establishment basis and is based on the 1972 Standard Industrial Classification.

<sup>2</sup> Held constant at level of previous quarter.

	1978	1979	1979					1980
			IV	I	II	III	IV	
			Seasonally adjusted at annual rates					
Billions of dollars								

Table 7.—National Income by Type of Income (I.13)

National income.....	1,724.3	1,924.8	1,820.0	1,869.0	1,897.9	1,941.9	1,990.4	-----
Compensation of employees.....	1,304.5	1,459.2	1,364.8	1,411.2	1,439.7	1,472.8	1,513.2	1,552.4
Wages and salaries.....	1,103.5	1,227.4	1,154.7	1,189.4	1,211.5	1,238.0	1,270.7	1,301.0
Government and government enterprises.....	218.0	233.5	225.1	228.1	231.2	234.4	240.2	243.4
Other.....	885.5	993.9	929.6	961.3	980.3	1,003.6	1,030.5	1,057.6
Supplements to wages and salaries.....	201.0	231.8	210.1	221.8	228.2	234.8	242.5	251.4
Employer contributions for social insurance.....	94.6	109.1	98.2	105.8	107.9	109.9	113.0	117.0
Other labor income.....	106.5	122.7	111.9	116.0	120.3	124.9	129.6	134.4
Proprietors' income with inventory valuation and capital consumption adjustments.....	116.8	130.8	125.7	129.0	129.3	130.3	134.5	131.3
Farm.....	27.7	32.8	31.3	34.2	33.7	30.9	32.5	28.4
Proprietors' income with inventory valuation adjustment and without capital consumption adjustment.....	32.6	38.1	36.4	39.3	39.0	36.2	37.9	34.0
Capital consumption adjustment.....	-4.9	-5.3	-5.1	-5.1	-5.3	-5.3	-5.5	-5.6
Nonfarm.....	89.1	98.0	94.4	94.8	95.5	99.4	102.1	102.9
Proprietors' income without inventory valuation and capital consumption adjustments.....	92.2	103.7	98.5	99.8	100.5	106.0	108.6	111.4
Inventory valuation adjustment.....	-2.1	-3.0	-2.4	-3.1	-2.5	-3.1	-3.1	-4.6
Capital consumption adjustment.....	-1.0	-2.8	-1.6	-1.9	-2.5	-3.4	-3.4	-3.9
Rental income of persons with capital consumption adjustment.....	25.9	26.9	27.1	27.3	26.8	26.6	27.0	27.0
Rental income.....	49.3	55.1	52.1	53.0	54.1	56.0	57.5	58.8
Capital consumption adjustment.....	-23.4	-28.2	-25.0	-25.7	-27.3	-29.5	-30.5	-31.8
Corporate profits with inventory valuation and capital consumption adjustments.....	167.7	178.2	184.8	178.9	176.6	180.8	176.4	-----
Corporate profits with inventory valuation adjustment and without capital consumption adjustment.....	180.8	194.9	198.6	193.3	191.3	198.3	196.5	-----
Profits before tax.....	206.0	236.6	227.4	233.3	227.9	242.3	243.5	-----
Profits tax liability.....	84.5	92.5	95.1	91.3	88.7	94.0	96.1	-----
Profits after tax.....	121.5	144.1	132.3	142.0	139.3	148.3	146.9	-----
Dividends.....	47.2	52.7	49.7	51.5	52.3	52.8	54.4	56.7
Undistributed profits.....	74.3	91.4	82.6	90.5	87.0	95.5	92.5	-----
Inventory valuation adjustment.....	-25.2	-41.8	-28.8	-39.9	-36.6	-44.0	-46.5	-63.7
Capital consumption adjustment.....	-13.1	-16.7	-13.8	-14.5	-14.7	-17.6	-20.1	-22.2
Net interest.....	109.5	129.7	117.6	122.6	125.6	131.5	139.2	147.2
Addenda:								
Corporate profits with inventory valuation and capital consumption adjustments.....	167.7	178.2	184.8	178.9	176.6	180.8	176.4	-----
Profits tax liability.....	84.5	92.5	95.1	91.3	88.7	94.0	96.1	-----
Profits after tax with inventory valuation and capital consumption adjustments.....	83.2	85.6	89.8	87.6	88.0	86.7	80.3	-----
Dividends.....	47.2	52.7	49.7	51.5	52.3	52.8	54.4	56.7
Undistributed profits with inventory valuation and capital consumption adjustments.....	36.0	32.9	40.1	36.1	35.6	34.0	25.9	-----

Table 8.—Gross Domestic Product of Corporate Business (I.15, 7.8)

Gross domestic product of corporate business.....	1,311.9	1,458.1	1,382.2	1,414.6	1,439.4	1,472.6	1,505.9	-----
Capital consumption allowances with capital consumption adjustment.....	132.9	147.7	136.8	139.9	145.1	150.4	155.3	159.6
Net domestic product.....	1,178.9	1,310.5	1,245.4	1,274.7	1,294.3	1,322.2	1,350.6	-----
Indirect business tax and nontax liability plus business transfer payments less subsidies.....	127.6	137.7	131.6	133.8	135.4	139.3	142.3	149.0
Domestic income.....	1,051.3	1,172.7	1,113.8	1,140.9	1,158.9	1,182.9	1,208.3	-----
Compensation of employees.....	884.9	997.4	929.1	964.1	984.0	1,007.3	1,034.2	1,061.6
Wages and salaries.....	739.0	828.8	776.2	802.7	817.9	836.4	858.1	879.5
Supplements to wages and salaries.....	145.9	168.6	152.9	161.4	166.0	170.9	176.2	182.2

	1978	1979	1979					1980
			IV	I	II	III	IV	
			Seasonally adjusted at annual rates					
Billions of dollars								

Table 8.—Gross Domestic Product of Corporate Business—Con.

Corporate profits with inventory valuation and capital consumption adjustments.....	157.5	164.9	175.3	167.0	164.9	164.9	162.9	-----
Profits before tax.....	195.8	223.4	217.8	221.4	216.2	226.5	229.5	-----
Profits tax liability.....	84.5	92.5	95.1	91.3	88.7	94.0	96.1	-----
Profits after tax.....	111.3	130.9	122.8	130.1	127.6	132.4	133.4	-----
Dividends.....	42.1	47.5	44.8	46.8	47.6	46.8	48.8	51.2
Undistributed profits.....	69.2	83.4	78.0	83.3	79.9	85.7	84.5	-----
Inventory valuation adjustment.....	-25.2	-41.8	-28.8	-39.9	-36.6	-44.0	-46.5	-63.7
Capital consumption adjustment.....	-13.1	-16.7	-13.8	-14.5	-14.7	-17.6	-20.1	-22.2
Net interest.....	9.0	10.4	9.4	9.8	10.1	10.7	11.2	11.9
Gross domestic product of financial corporate business <sup>1</sup> .....	65.0	70.4	68.1	68.2	69.0	71.4	73.0	-----
Gross domestic product of nonfinancial corporate business.....	1,246.9	1,387.7	1,314.1	1,346.4	1,370.4	1,401.3	1,432.9	-----
Capital consumption allowances with capital consumption adjustment.....	126.9	140.8	130.5	133.4	138.4	143.4	148.0	152.1
Net domestic product.....	1,120.0	1,246.9	1,183.5	1,213.0	1,232.0	1,257.9	1,284.8	-----
Indirect business tax and nontax liability plus business transfer payments less subsidies.....	117.2	126.2	120.7	122.8	124.2	127.6	130.2	136.4
Domestic income.....	1,002.7	1,120.7	1,062.8	1,090.2	1,107.8	1,130.3	1,154.6	-----
Compensation of employees.....	834.7	940.7	876.5	910.0	928.4	949.7	974.7	1,000.3
Wages and salaries.....	697.8	782.4	733.0	758.3	772.5	789.4	809.4	829.5
Supplements to wages and salaries.....	137.0	158.3	143.6	151.7	155.9	160.4	165.2	170.8
Corporate profits with inventory valuation and capital consumption adjustments.....	128.3	132.9	143.8	135.9	133.9	132.3	129.3	-----
Profits before tax.....	166.1	190.2	185.7	189.5	184.2	192.7	194.5	-----
Profits tax liability.....	68.8	75.1	77.9	74.7	71.8	76.3	77.5	-----
Profits after tax.....	97.4	115.2	107.8	114.8	112.5	116.3	117.0	-----
Dividends.....	41.8	47.0	44.1	46.2	47.3	46.3	48.3	50.7
Undistributed profits.....	55.5	68.1	63.7	68.6	65.2	70.0	68.7	-----
Inventory valuation adjustment.....	-25.2	-41.8	-28.8	-39.9	-36.6	-44.0	-46.5	-63.7
Capital consumption adjustment.....	-12.6	-15.6	-13.1	-13.6	-13.8	-16.4	-18.7	-20.6
Net interest.....	39.7	47.2	42.4	44.2	45.5	48.3	50.6	54.0
Billions of 1972 dollars								
Gross domestic product of nonfinancial corporate business.....	818.7	844.1	841.4	846.6	841.0	842.4	846.3	-----
Capital consumption allowances with capital consumption adjustment.....	78.4	80.5	78.9	79.3	80.2	81.0	81.5	82.5
Net domestic product.....	740.3	763.6	762.6	767.3	760.8	761.4	764.8	-----
Indirect business tax and nontax liability plus business transfer payments less subsidies.....	90.5	92.5	92.4	93.7	91.3	92.0	93.0	93.1
Domestic income.....	649.7	671.1	670.2	673.6	669.5	669.4	671.8	-----
Dollars								
Current-dollar cost per unit of constant-dollar gross domestic product <sup>2</sup> .....	1.523	1.644	1.562	1.590	1.629	1.664	1.693	-----
Capital consumption allowances with capital consumption adjustment.....	.155	.167	.155	.158	.165	.170	.175	-----
Net domestic product.....	1.368	1.477	1.407	1.433	1.465	1.493	1.518	-----
Indirect business tax and nontax liability plus business transfer payments less subsidies.....	.143	.150	.143	.145	.148	.151	.154	-----
Domestic income.....	1.225	1.328	1.263	1.288	1.317	1.342	1.364	-----
Compensation of employees.....	1.020	1.115	1.042	1.075	1.104	1.127	1.152	-----
Corporate profits with inventory valuation and capital consumption adjustments.....	.157	.157	.171	.161	.159	.157	.153	-----
Profits tax liability.....	.084	.089	.093	.088	.085	.091	.092	-----
Profits after tax with inventory valuation and capital consumption adjustments.....	.073	.068	.078	.072	.074	.066	.061	-----
Net interest.....	.048	.056	.050	.052	.054	.057	.060	-----

<sup>1</sup> Preliminary.

1. Consists of the following industries: Banking; credit agencies other than banks; security, commodity brokers and services; insurance carriers; regulated investment companies; small business investment companies; and real estate investment trusts.

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

	1978	1979	1978					1979					1980
			IV	I	II	III	IV	I	II	III	IV		
												Seasonally adjusted at annual rates	
Billions of dollars													

Table 9.—Auto Output in Current and Constant Dollars (1.16, 1.17)

Auto output.....	77.5	76.0	80.6	84.3	77.5	71.2	70.8	71.9
Final sales.....	76.7	78.1	78.3	84.6	76.1	77.8	73.8	79.4
Personal consumption expenditures.....	68.0	69.2	70.6	74.0	68.2	67.9	66.8	72.4
New autos.....	50.3	51.3	51.3	55.5	49.5	51.1	49.2	55.9
Net purchases of used autos.....	17.7	17.9	19.3	18.5	18.7	16.9	17.7	16.5
Producers' durable equipment.....	14.2	13.3	13.9	14.2	12.3	15.1	11.5	12.8
New autos.....	22.1	22.5	22.5	23.9	21.5	24.3	20.3	21.5
Net purchases of used autos.....	-7.9	-9.2	-8.6	-9.8	-9.2	-9.2	-8.8	-8.6
Net exports.....	-6.1	-5.0	-6.8	-4.2	-4.9	-5.8	-5.1	-6.4
Exports.....	7.6	9.9	8.0	9.4	9.9	9.7	10.5	10.1
Imports.....	13.7	14.9	14.8	13.6	14.8	15.5	15.6	16.4
Government purchases of goods and services.....	.6	.6	.6	.6	.6	.6	.5	.5
Change in business inventories of new and used autos.....	.7	-2.1	2.2	-.3	1.5	-6.6	-3.0	-7.5
New.....	.9	-1.8	2.9	-.6	2.3	-6.7	-2.0	-7.5
Used.....	-1.1	-.3	-.7	.3	-.9	.1	-1.0	0
Addenda:								
Domestic output of new autos <sup>1</sup> .....	63.6	64.0	67.3	71.8	65.8	60.2	58.3	58.7
Sales of imported new autos <sup>2</sup> .....	16.4	19.4	17.0	19.5	19.5	19.1	19.8	23.9
	Billions of 1972 dollars							
Auto output.....	54.9	51.4	56.3	58.1	52.9	47.5	47.1	46.8
Final sales.....	54.6	52.5	54.8	57.8	51.3	52.0	49.1	51.4
Personal consumption expenditures.....	45.4	43.3	45.9	47.1	42.5	42.2	41.2	43.7
New autos.....	36.3	34.4	36.4	38.3	33.3	33.6	32.4	35.8
Net purchases of used autos.....	9.1	8.9	9.5	8.7	9.2	8.6	8.8	8.0
Producers' durable equipment.....	11.2	9.9	11.0	11.2	9.3	10.8	8.4	9.0
New autos.....	15.9	15.1	15.9	16.5	14.4	16.0	13.4	13.7
Net purchases of used autos.....	-4.7	-5.1	-5.0	-5.4	-5.1	-5.2	-4.9	-4.7
Net exports.....	-2.4	-1.0	-2.6	-.9	-.8	-1.4	-.9	-1.7
Exports.....	5.5	6.6	5.6	6.5	6.6	6.4	6.9	6.4
Imports.....	7.8	7.6	8.2	7.4	7.5	7.8	7.8	8.2
Government purchases of goods and services.....	.5	.4	.4	.4	.4	.4	.3	.3
Change in business inventories of new and used autos.....	.3	-1.1	1.6	.4	1.6	-4.4	-2.0	-4.5
New.....	.4	-.9	2.0	.2	2.0	-4.5	-1.4	-4.5
Used.....	-1.1	-.2	-.4	.2	-.5	.1	-.5	0
Addenda:								
Domestic output of new autos <sup>1</sup> .....	46.0	42.9	47.7	49.6	44.2	39.5	38.4	37.5
Sales of imported new autos <sup>2</sup> .....	11.8	13.0	12.1	13.4	13.1	12.6	13.0	15.3

<sup>1</sup> Preliminary.

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.

3. Consists of agriculture, forestry, and fisheries; mining; construction; and manufacturing.

4. Consists of transportation; communication; electric, gas, and sanitary services; and trade.

5. Consists of finance, insurance, and real estate; services; and rest of the world.

NOTE.—Table 10: The industry classification of wage and salary disbursements and proprietors' income is on an establishment basis and is based on the 1972 Standard Industrial Classification.

	1978	1979	1978					1979					1980
			IV	I	II	III	IV	I	II	III	IV		
												Seasonally adjusted at annual rates	
Billions of dollars													

Table 10.—Personal Income and Its Disposition (2.1)

Personal income.....	1,717.4	1,924.2	1,803.1	1,852.6	1,892.5	1,946.6	2,005.0	2,056.6
Wage and salary disbursements.....	1,103.3	1,227.6	1,154.3	1,189.3	1,212.4	1,238.1	1,270.5	1,301.1
Commodity-producing industries <sup>1</sup> .....	387.4	435.2	408.6	423.0	431.7	438.3	447.8	458.7
Manufacturing.....	296.3	330.9	312.7	324.8	328.5	331.9	338.3	346.1
Distributive industries <sup>4</sup> .....	269.4	300.8	281.6	291.1	295.8	304.0	312.4	319.3
Service industries <sup>5</sup> .....	228.7	257.9	239.4	247.2	252.8	261.3	270.2	279.6
Government and government enterprises.....	217.8	233.7	224.7	228.0	232.1	234.5	240.1	243.6
Other labor income.....	106.5	122.7	111.9	116.0	120.3	124.9	129.6	134.4
Proprietors' income with inventory valuation and capital consumption adjustments.....	116.8	130.8	125.7	129.0	129.3	130.3	134.5	131.3
Farm.....	27.7	32.8	31.3	34.2	33.7	30.9	32.5	28.4
Nonfarm.....	89.1	98.0	94.4	94.8	95.5	99.4	102.1	102.9
Rental income of persons with capital consumption adjustment.....	25.9	26.9	27.1	27.3	26.8	26.6	27.0	27.0
Dividends.....	47.2	52.7	49.7	51.5	52.3	52.8	54.4	56.7
Personal interest income.....	163.3	192.1	174.3	181.0	187.6	194.4	205.5	217.9
Transfer payments.....	224.1	252.0	231.8	237.3	243.6	260.8	266.5	274.6
Old-age, survivors, disability, and health insurance benefits.....	116.3	132.4	121.5	123.8	127.1	138.7	140.0	142.2
Government unemployment insurance benefits.....	9.2	9.3	8.2	8.7	8.8	9.6	10.2	11.1
Veterans benefits.....	13.9	14.3	14.1	14.5	14.1	14.2	14.5	14.7
Government employees retirement benefits.....	32.9	37.4	34.6	35.3	36.7	37.9	39.8	40.5
Aid to families with dependent children.....	10.7	11.0	10.7	10.7	10.8	10.9	11.5	11.8
Other.....	41.1	47.6	42.6	44.3	46.2	49.6	50.5	54.2
Less: Personal contributions for social insurance.....	69.6	80.7	71.8	78.7	79.8	81.2	82.9	86.4
Less: Personal tax and nontax payments.....	259.0	299.9	278.2	280.4	290.7	306.6	321.9	320.0
Equals: Disposable personal income.....	1,458.4	1,624.3	1,524.8	1,572.2	1,601.7	1,640.0	1,683.1	1,736.5
Less: Personal outlays.....	1,386.4	1,550.5	1,453.4	1,493.0	1,515.8	1,569.7	1,623.4	1,677.6
Personal consumption expenditures.....	1,350.8	1,509.8	1,415.4	1,454.2	1,475.9	1,528.6	1,580.4	1,634.1
Interest paid by consumers to business.....	34.8	39.6	37.1	37.7	39.0	40.2	41.5	42.5
Personal transfer payments to foreigners (net).....	.8	1.1	.9	1.1	.9	.9	1.5	1.0
Equals: Personal saving.....	72.0	73.8	71.5	79.2	85.9	70.3	59.7	58.9
Addenda:								
Disposable personal income: Total, billions of 1972 dollars.....	972.6	994.8	991.5	996.6	993.0	993.4	996.2	997.8
Per capita:								
Current dollars.....	6,672	7,367	6,954	7,157	7,275	7,430	7,606	7,830
1972 dollars.....	4,449	4,512	4,522	4,536	4,510	4,501	4,502	4,499
Population (millions).....	218.6	220.5	219.3	219.7	220.2	220.7	221.3	221.5
Personal saving as percentage of disposable personal income.....	4.9	4.5	4.7	5.0	5.4	4.3	3.5	3.4

	1978							1979							1980													
	1978	1979	1978					1979					1978	1979	1978					1979					1980			
			IV	I	II	III	IV	I P	IV	I	II	III			IV	I P	IV	I	II	III	IV	I P						
	Seasonally adjusted at annual rates														Seasonally adjusted at annual rates													
	Billions of current dollars														Billions of 1972 dollars													

Table 11.—Personal Consumption Expenditures by Major Type of Product in Current and Constant Dollars (2.3, 2.4)

	1978	1979	1,415.4	1,454.2	1,475.9	1,528.6	1,580.4	1,634.1	900.8	924.5	920.3	921.8	915.0	925.9	935.4	939.0
<b>Personal consumption expenditures</b> .....	1,350.8	1,509.8	1,415.4	1,454.2	1,475.9	1,528.6	1,580.4	1,634.1	900.8	924.5	920.3	921.8	915.0	925.9	935.4	939.0
<b>Durable goods</b> .....	200.3	213.0	212.1	213.8	208.7	213.4	216.2	221.8	146.7	147.1	152.1	150.2	144.8	146.9	146.7	146.3
Motor vehicles and parts.....	91.2	91.5	94.9	97.7	89.1	89.8	89.4	94.3	62.7	58.6	63.7	64.0	57.1	57.1	56.4	57.9
Furniture and household equipment.....	77.6	85.6	82.7	82.1	84.2	87.3	88.9	89.0	60.3	63.2	62.9	61.4	62.4	64.3	64.7	63.5
Other.....	31.5	35.9	34.5	34.0	35.4	36.3	37.8	38.4	23.7	25.3	25.5	24.8	25.4	25.4	24.9	
<b>Nondurable goods</b> .....	530.6	596.9	558.1	571.1	581.2	604.7	630.7	653.0	343.3	349.1	351.9	348.1	344.1	349.2	355.1	354.5
Food.....	271.7	302.0	283.9	292.9	296.7	303.1	315.6	324.3	167.1	168.9	168.6	167.2	166.7	169.3	172.3	174.2
Clothing and shoes.....	91.2	99.2	96.8	95.5	96.9	101.0	103.6	103.0	72.7	76.5	76.4	75.0	74.9	77.6	78.5	76.8
Gasoline and oil.....	50.9	65.1	55.0	58.4	60.2	68.3	73.4	83.7	28.0	26.7	29.1	29.1	26.1	25.8	25.8	25.2
Fuel oil and coal.....	14.0	18.4	13.6	15.4	17.2	20.4	20.4	21.0	5.5	5.2	5.2	5.5	5.3	5.2	4.8	4.5
Other.....	102.9	112.2	108.9	108.9	110.2	111.9	117.7	121.1	70.0	71.8	72.6	71.2	71.0	71.3	73.7	73.9
<b>Services</b> .....	619.8	699.8	645.1	669.3	686.0	710.6	733.5	759.4	410.8	428.3	416.3	423.5	426.1	429.9	433.6	438.1
Housing.....	212.2	241.5	222.1	229.5	236.3	244.9	255.2	263.4	150.8	159.6	153.7	156.4	158.6	160.5	163.0	165.1
Household operation.....	91.4	102.0	93.7	99.1	99.7	103.5	105.5	106.5	58.6	61.2	59.1	61.6	60.7	61.1	61.4	61.1
Electricity and gas.....	42.6	48.8	43.4	47.7	47.3	49.6	50.5	50.4	23.2	24.0	23.2	25.2	23.8	23.5	23.5	22.8
Other.....	48.8	53.2	50.3	51.4	52.5	53.9	55.0	56.1	35.4	37.2	35.9	36.4	36.9	37.6	38.0	38.3
Transportation.....	49.2	55.6	50.8	52.9	54.5	56.8	58.4	60.3	32.5	34.1	33.0	33.6	33.9	34.5	34.4	34.4
Other.....	267.1	300.8	278.5	287.8	295.5	305.4	314.5	329.3	168.9	173.4	170.5	171.9	172.9	173.8	174.8	177.5

	1978		1979					1980	
	1978	1979	1978					1978	1979
			IV	I	II	III	IV		
	Seasonally adjusted at annual rates								
	Billions of dollars								

	1978		1979					1980	
	1978	1979	1978					1978	1979
			IV	I	II	III	IV		
	Seasonally adjusted at annual rates								
	Billions of dollars								

Table 12.—Federal Government Receipts and Expenditures (3.2)

	1978	1979	463.5	475.0	485.8	504.8	524.7
<b>Receipts</b> .....	432.1	497.6	463.5	475.0	485.8	504.8	524.7
Personal tax and nontax receipts.....	194.9	230.0	211.0	213.0	223.4	235.2	248.5
Income taxes.....	189.4	224.3	205.4	207.4	217.8	229.6	242.3
Estate and gift taxes.....	5.3	5.6	5.4	5.4	5.4	5.4	5.9
Nontaxes.....	.2	.2	.2	.2	.2	.2	.2
Corporate profits tax accruals.....	72.0	78.2	81.2	77.2	74.9	79.4	81.4
Indirect business tax and nontax ac- cruals.....	28.1	30.0	29.3	29.4	29.9	30.0	30.7
Excise taxes.....	18.4	19.3	18.9	18.9	19.3	19.4	19.6
Customs duties <sup>1</sup> .....	7.1	7.5	7.6	7.5	7.5	7.3	9.1
Nontaxes.....	2.6	3.3	2.8	3.0	3.2	3.4	3.6
Contributions for social insurance.....	137.0	159.3	142.0	155.5	157.5	160.2	164.1
<b>Expenditures</b> .....	459.8	509.0	479.7	486.8	492.9	516.1	540.4
Purchases of goods and services.....	152.6	166.6	159.0	163.6	161.7	162.9	178.4
National defense.....	99.0	108.3	101.2	103.4	106.0	109.0	114.6
Compensation of employees.....	46.1	49.2	48.0	48.3	48.4	48.7	51.6
Military.....	26.3	27.7	27.2	27.2	27.1	27.2	29.1
Civilian.....	19.8	21.6	20.8	21.1	21.2	21.4	22.5
Other.....	52.9	59.0	53.2	55.2	57.6	60.3	63.0
Nondefense.....	53.6	58.4	57.8	60.2	55.7	53.9	63.8
Compensation of employees.....	25.7	27.8	26.8	27.2	27.4	27.6	29.3
Other.....	27.9	30.6	31.0	33.0	28.3	26.3	38.4
Transfer payments.....	185.4	209.8	192.1	196.8	201.9	217.6	222.7
To persons.....	181.6	205.6	187.9	192.7	198.0	213.9	217.8
To foreigners.....	3.7	4.2	4.2	4.0	3.9	3.7	5.0
Grants-in-aid to State and local governments.....	77.3	80.4	80.7	77.8	77.7	81.8	87.3
Net interest paid.....	34.8	43.1	37.1	40.0	42.6	43.5	46.2
Interest paid.....	43.4	53.9	46.5	50.4	53.1	54.8	57.5
To persons and business.....	34.8	43.1	36.7	39.3	42.6	43.9	46.6
To foreigners.....	8.7	10.8	9.8	11.0	10.8	10.9	11.6
Less: Interest received by government.....	8.6	10.9	9.4	10.3	10.6	11.3	11.9
Subsidies less current surplus of government enterprises.....	9.7	9.1	10.9	8.3	9.0	10.2	8.8
Subsidies.....	9.1	8.2	10.5	8.1	8.3	7.9	8.4
Less: Current surplus of government enterprises.....	-.6	-.9	-.4	-.2	-.7	-.3	-.4
Less: Wage accruals less disburse- ments.....	0	0	0	-.2	0	0	0
<b>Surplus or deficit (-), national   income and product accounts</b> .....	-27.7	-11.4	-16.3	-11.7	-7.0	-11.3	-15.7
Social insurance funds.....	-1.4	2.7	-1.4	9.1	7.1	-3.1	-2.3
Other funds.....	-26.3	-14.1	-14.9	-20.8	-14.1	-8.2	-13.5

Table 13.—State and Local Government Receipts and Expenditures (3.4)

	1978	1979	342.6	343.9	345.9	359.8	368.7
<b>Receipts</b> .....	331.0	354.6	342.6	343.9	345.9	359.8	368.7
Personal tax and nontax receipts.....	64.1	69.9	67.2	67.3	67.3	71.4	73.4
Income taxes.....	35.5	37.8	37.3	36.5	35.6	38.9	40.0
Nontaxes.....	20.8	23.7	21.9	22.7	23.4	24.1	24.8
Other.....	7.8	8.3	8.0	8.2	8.3	8.4	8.5
Corporate profits tax accruals.....	12.5	14.3	13.9	14.1	13.7	14.7	14.8
Indirect business tax and nontax ac- cruals.....	150.0	159.5	152.8	155.5	157.0	161.1	164.4
Sales taxes.....	71.3	78.1	74.8	76.1	76.2	79.1	81.0
Property taxes.....	63.2	63.9	61.9	62.8	63.7	64.2	65.1
Other.....	15.5	17.5	16.1	16.6	17.1	17.7	18.4
Contributions for social insurance.....	27.1	30.5	28.0	29.1	30.2	30.9	31.8
Federal grants-in-aid.....	77.3	80.4	80.7	77.8	77.7	81.8	84.3
<b>Expenditures</b> .....	303.6	330.0	315.5	316.3	326.1	334.5	342.9
Purchases of goods and services.....	283.0	309.8	294.8	296.5	304.9	314.9	322.8
Compensation of employees.....	157.8	171.4	162.2	166.3	170.0	173.3	175.9
Other.....	125.2	138.4	132.6	130.2	135.0	141.6	146.9
Transfer payments to persons.....	33.3	36.2	34.4	35.0	35.7	36.5	37.9
Net interest paid.....	-7.1	-9.5	-7.6	-8.3	-9.0	-10.0	-10.5
Interest paid.....	15.0	15.9	15.4	15.7	15.8	16.1	16.3
Less: Interest received by govern- ment.....	22.1	25.4	23.0	24.0	24.8	26.0	26.8
Subsidies less current surplus of gov- ernment enterprises.....	-5.5	-6.8	-5.8	-6.5	-6.4	-7.0	-7.4
Subsidies.....	.2	.3	.3	.3	.3	.3	.3
Less: Current surplus of government enterprises.....	5.7	7.1	6.1	6.8	6.7	7.3	7.5
Less: Wage accruals less disburse- ments.....	.2	-.1	.4	.3	-.9	-.1	.2
<b>Surplus or deficit (-), national   income and product accounts</b> .....	27.4	24.6	27.1	27.6	19.7	25.3	25.8
Social insurance funds.....	23.2	26.6	23.8	25.0	26.0	27.1	28.0
Other funds.....	4.2	-1.9	3.3	2.6	-6.3	-1.8	-2.2

<sup>1</sup> Preliminary  
1. Includes fees for licenses to import petroleum and petroleum products.

	1978	1979	1979					1980
			IV	I	II	III	IV	
			Seasonally adjusted at annual rates					
Billions of dollars								

Table 14.—Foreign Transactions in the National Income and Product Accounts (4.1)

	207.2	258.6	224.9	239.6	244.9	268.4	281.6	300.6
Receipts from foreigners	207.2	258.6	224.9	239.6	244.9	268.4	281.6	300.6
Exports of goods and services	207.2	257.5	224.9	238.5	243.7	267.3	280.4	299.4
Merchandise	140.7	177.2	154.5	163.0	166.8	184.6	194.4	209.1
Other	66.5	80.3	70.4	75.5	76.9	82.7	86.0	90.4
Capital grants received by the United States (net)	0	1.1	0	1.1	1.1	1.1	1.1	1.1
Payment to foreigners	207.2	258.6	224.9	239.6	244.9	268.4	281.6	300.6
Imports of goods and services	217.5	262.1	229.4	234.4	251.9	269.5	292.4	320.4
Merchandise	174.9	209.1	183.1	186.0	200.4	215.9	233.9	256.6
Other	42.6	53.0	46.3	48.4	51.4	53.6	58.5	63.8
Transfer payments (net)	4.6	5.2	5.1	5.1	4.7	4.6	6.5	5.3
From persons (net)	.8	1.1	.9	1.1	.9	.9	1.5	1.0
From government (net)	3.7	4.2	4.2	4.0	3.9	3.7	5.0	4.4
Interest paid by government to foreigners	8.7	10.8	9.8	11.0	10.6	10.9	10.8	11.6
Net foreign investment	-23.5	-19.5	-19.4	-11.0	-22.3	-16.7	-28.1	-36.7

Table 15.—Gross Saving and Investment (5.1)

	324.6	363.9	346.9	362.2	374.3	367.3	351.9
Gross saving	324.6	363.9	346.9	362.2	374.3	367.3	351.9
Gross private saving	324.9	349.6	336.1	345.2	360.5	352.1	340.7
Personal saving	72.0	73.8	71.5	79.2	85.9	70.3	59.7
Undistributed corporate profits with inventory valuation and capital consumption adjustments	36.0	32.9	40.1	36.1	35.6	34.0	25.9
Undistributed profits	74.3	91.4	82.6	90.5	87.0	95.5	92.5
Inventory valuation adjustment	-25.2	-41.8	-28.8	-39.9	-36.6	-44.0	-46.5
Capital consumption adjustment	-13.1	-16.7	-13.8	-14.5	-14.7	-17.6	-20.1
Corporate capital consumption allowances with capital consumption adjustment	132.9	147.7	136.8	139.9	145.1	150.4	155.3
Noncorporate capital consumption allowances with capital consumption adjustment	84.0	95.3	87.7	89.9	93.9	97.5	99.8
Wage accruals less disbursements	0	0	0	0	0	0	0
Government surplus or deficit (-), national income and product accounts	-3	13.2	10.8	15.8	12.7	14.0	10.0
Federal	-27.7	-11.4	-16.3	-11.7	-7.0	-11.3	-15.7
State and local	27.4	24.6	27.1	27.6	19.7	25.3	25.8
Capital grants received by the United States (net)	0	1.1	0	1.1	1.1	1.1	1.1
Gross investment	327.9	367.6	351.0	362.8	373.1	375.6	359.1
Gross private domestic investment	351.5	387.2	370.5	373.8	395.4	392.3	387.2
Net foreign investment	-23.5	-19.5	-19.4	-11.0	-22.3	-16.7	-28.1
Statistical discrepancy	3.3	3.7	4.1	.6	-1.3	8.3	7.2

<sup>p</sup> Preliminary.

1. Inventories are as of the end of the quarter. The quarter-to-quarter change in inventories calculated from current-dollar inventories shown in this table is not the current-dollar change in business inventories (CBI) components of GNP. The former is the difference between two inventory stocks, each valued at end-of-quarter prices. The latter is the change in the physical volume of inventories valued at average prices of the quarter. In addition, changes calculated from this table are at quarterly rates, whereas CBI is stated at annual rates.

2. Quarterly totals at annual rates.

3. Equals ratio of nonfarm inventories to final sales of business. These sales include a small amount of final sales by farms.

NOTE.—Table 16: Inventories are classified as durable or nondurable as follows: For manufacturing, by the type of product produced by the establishment holding the inventory; for trade, by the type of product sold by the establishment holding the inventory; for construction, durable; and for other nonfarm industries, nondurable. The industry classification is based on the 1972 Standard Industrial Classification.

Table 17: The industry classification of compensation of employees, proprietors' income, and rental income is on an establishment basis; the industry classification of corporate profits and net interest is on a company basis. The industry classification of these items is based on the 1972 Standard Industrial Classification.

	1978	1979	1979					1980
			IV	I	II	III	IV	
			Seasonally adjusted at annual rates					
Billions of dollars								

Table 16.—Inventories and Final Sales of Business in Current and Constant Dollars (5.9, 5.10)

	586.9	613.4	635.1	662.9	689.7	716.9
Inventories <sup>1</sup>	586.9	613.4	635.1	662.9	689.7	716.9
Farm	76.7	79.8	81.2	79.9	82.0	80.9
Nonfarm	510.2	533.5	553.9	583.0	607.7	635.9
Durable goods	296.7	311.2	324.5	335.2	349.5	360.1
Nondurable goods	213.5	222.4	229.4	247.7	258.2	275.8
Manufacturing	253.7	267.4	277.7	294.4	309.7	324.6
Durable goods	165.8	175.4	183.1	191.2	202.7	210.5
Nondurable goods	87.9	92.0	94.6	103.2	107.1	114.1
Wholesale trade	102.0	106.9	111.0	116.3	120.1	125.7
Durable goods	66.9	69.8	72.4	74.3	76.0	78.4
Nondurable goods	35.1	37.1	38.6	42.0	44.1	47.3
Retail trade	105.4	107.6	111.6	114.5	117.2	121.2
Durable goods	48.4	49.7	52.4	52.5	53.7	53.6
Nondurable goods	57.1	58.0	59.3	61.9	63.6	67.6
Other	49.1	51.6	53.5	57.8	60.8	64.4
Final sales <sup>2</sup>	1,884.3	1,932.2	1,951.1	2,027.5	2,088.0	2,145.6
Ratio of inventories to final sales	.311	.317	.325	.327	.330	.334
Nonfarm <sup>3</sup>	.271	.276	.284	.288	.291	.296

Billions of 1972 dollars

	325.9	328.9	333.5	335.3	335.6	335.6
Inventories <sup>1</sup>	325.9	328.9	333.5	335.3	335.6	335.6
Farm	41.3	41.4	41.5	41.7	42.2	42.2
Nonfarm	284.6	287.6	292.0	293.5	293.4	293.4
Durable goods	166.2	168.9	172.2	173.2	173.2	173.2
Nondurable goods	118.4	118.7	119.8	120.4	120.2	121.0
Manufacturing	136.3	138.4	141.1	142.5	143.5	144.7
Durable goods	89.5	91.5	93.5	94.5	95.8	96.3
Nondurable goods	46.7	47.0	47.6	48.0	47.7	48.3
Wholesale trade	58.2	59.3	59.4	60.0	59.7	59.9
Durable goods	39.4	39.9	39.8	40.5	40.2	40.0
Nondurable goods	18.9	19.3	19.6	19.5	19.5	20.0
Retail trade	64.8	64.4	65.8	65.3	64.3	62.8
Durable goods	29.0	29.2	30.5	29.8	28.9	27.7
Nondurable goods	35.7	35.2	35.3	35.5	35.5	35.1
Other	25.3	25.5	25.7	25.7	25.9	26.0
Final sales <sup>2</sup>	1,212.0	1,214.6	1,200.9	1,222.2	1,236.5	1,242.6
Ratio of inventories to final sales	.269	.271	.278	.274	.271	.270
Nonfarm <sup>3</sup>	.235	.237	.243	.240	.237	.236

Table 17.—National Income Without Capital Consumption Adjustment by Industry (6.4)

	1,766.8	1,977.8	1,865.5	1,916.2	1,947.7	1,997.7	2,049.8
National income without capital consumption adjustment	1,766.8	1,977.8	1,865.5	1,916.2	1,947.7	1,997.7	2,049.8
Domestic income	1,746.2	1,952.6	1,844.3	1,892.0	1,924.1	1,970.7	2,023.5
Agriculture, forestry, and fisheries	54.7	64.0	60.0	63.9	64.7	62.5	64.8
Mining and construction	114.1	132.6	124.3	123.2	130.5	136.1	140.6
Manufacturing	459.5	510.3	486.2	506.5	508.6	509.8	516.4
Nondurable goods	176.0	199.2	183.8	191.6	195.6	202.2	207.4
Durable goods	283.5	311.2	302.4	314.9	313.1	307.6	309.0
Transportation	68.2	78.4	73.1	75.8	75.7	79.7	82.2
Communication	40.5	44.9	42.1	43.0	43.3	46.3	47.2
Electric, gas, and sanitary services	34.9	37.0	37.1	38.0	36.4	36.2	37.2
Wholesale and retail trade	261.8	291.4	276.8	277.8	286.7	296.6	304.6
Wholesale	107.0	121.6	114.2	114.7	120.4	123.9	127.4
Retail	154.8	169.8	162.5	163.1	166.3	172.7	177.2
Finance, insurance, and real estate services	210.7	238.7	222.8	227.6	232.2	243.2	251.6
Government and government enterprises	245.2	277.9	257.1	265.9	271.5	281.6	292.5
Rest of the world	20.5	25.3	21.2	24.2	23.7	26.9	25.7



	1978	1979	1978					1979					1980
			IV	I	II	III	IV	I <sup>p</sup>	II	III	IV	I <sup>p</sup>	
Billions of dollars													

Table 18.—Corporate Profits by Industry (6.18)

Corporate profits with inventory valuation and capital consumption adjustments.....	167.7	178.2	184.8	178.9	176.6	180.8	176.4	
<b>Domestic industries.....</b>	<b>157.5</b>	<b>164.9</b>	<b>175.3</b>	<b>167.0</b>	<b>164.9</b>	<b>164.9</b>	<b>162.9</b>	
Financial <sup>1</sup> .....	29.2	32.1	31.5	31.0	31.0	32.6	33.6	
Nonfinancial.....	128.3	132.9	143.8	135.9	133.9	132.3	129.3	
<b>Rest of the world.....</b>	<b>10.2</b>	<b>13.2</b>	<b>9.6</b>	<b>11.9</b>	<b>11.7</b>	<b>15.8</b>	<b>13.5</b>	
Corporate profits with inventory valuation adjustment and without capital consumption adjustment.....	180.8	194.9	198.6	193.3	191.3	198.3	196.5	
<b>Domestic industries.....</b>	<b>170.6</b>	<b>181.6</b>	<b>189.0</b>	<b>181.4</b>	<b>179.6</b>	<b>182.5</b>	<b>183.0</b>	
Financial <sup>1</sup> .....	29.7	33.2	32.1	31.9	32.0	33.8	35.0	
Federal Reserve banks.....	7.7	9.6	8.6	8.8	9.2	9.7	10.6	
Other.....	21.9	23.6	23.5	23.1	22.8	24.1	24.4	
Nonfinancial.....	140.9	148.5	156.9	149.6	147.7	148.7	148.0	
Manufacturing.....	81.7	88.8	90.6	94.1	90.6	86.4	84.0	
Nondurable goods.....	41.4	51.5	45.1	48.2	49.4	53.8	54.8	
Food and kindred products.....	5.7	6.9	6.4	5.7	7.6	7.8	6.4	
Chemicals and allied product.....	7.9	7.7	8.9	9.0	8.0	7.1	6.6	
Petroleum and coal products.....	13.0	21.5	14.8	16.4	19.5	21.8	28.3	
Other.....	14.7	15.5	15.1	17.1	14.2	17.1	13.5	
Durable goods.....	40.3	37.2	45.5	46.0	41.2	32.6	29.2	
Primary metal industries.....	2.5	3.5	2.9	3.8	4.2	4.0	1.9	
Fabricated metal products.....	4.6	5.0	5.1	5.0	5.4	4.8	4.7	
Machinery, except electrical.....	8.3	7.7	9.8	8.2	7.6	7.9	6.9	
Electric and electronic equipment.....	5.2	5.1	5.1	5.5	5.2	5.1	4.6	
Motor vehicles and equipment.....	8.9	4.5	9.3	11.4	7.4	-5	-4	
Other.....	10.8	11.5	13.3	12.0	11.3	11.2	11.5	
Wholesale and retail trade.....	23.0	23.7	25.8	18.6	22.4	26.5	27.1	
Transportation, communication, and electric, gas, and sanitary services.....	20.3	18.9	22.7	21.7	18.5	18.0	17.4	
Other.....	16.0	17.1	17.9	15.1	16.1	17.8	19.4	
<b>Rest of the world.....</b>	<b>10.2</b>	<b>13.2</b>	<b>9.6</b>	<b>11.9</b>	<b>11.7</b>	<b>15.8</b>	<b>13.5</b>	
Corporate profits before deduction of capital consumption allowances, with inventory valuation adjustment.....	300.6	325.8	321.7	318.8	321.7	331.1	331.7	
<b>Domestic industries.....</b>	<b>290.4</b>	<b>312.6</b>	<b>312.1</b>	<b>306.9</b>	<b>310.0</b>	<b>315.3</b>	<b>318.2</b>	
Financial <sup>1</sup> .....	35.2	38.9	37.8	37.5	37.7	39.6	40.9	
Federal Reserve banks.....	7.8	9.6	8.6	8.8	9.2	9.7	10.6	
Other.....	27.4	29.4	29.1	28.8	28.5	29.9	30.3	
Nonfinancial.....	255.2	273.7	274.4	269.4	272.3	275.7	277.3	
Manufacturing.....	132.1	144.5	142.2	147.2	145.9	143.0	142.1	
Nondurable goods.....	66.3	79.1	70.7	74.4	76.9	81.6	83.4	
Food and kindred products.....	9.9	11.5	10.7	10.1	12.2	12.5	11.2	
Chemicals and allied product.....	13.6	14.1	14.9	15.2	14.5	13.5	13.3	
Petroleum and coal products.....	21.7	31.0	23.5	25.4	29.0	31.4	38.1	
Other.....	21.2	22.5	21.5	23.8	21.1	24.2	20.8	
Durable goods.....	65.8	65.5	71.6	72.7	69.1	61.4	58.7	
Primary metal industries.....	6.7	8.1	7.2	8.1	8.6	8.8	6.8	
Fabricated metal products.....	6.9	7.6	7.4	7.5	8.1	7.5	7.4	
Machinery, except electrical.....	13.2	13.1	14.9	13.3	13.0	13.4	12.5	
Electric and electronic equipment.....	9.0	9.3	8.9	9.5	9.4	9.4	8.9	
Motor vehicles and equipment.....	13.3	9.4	13.5	16.0	12.0	4.6	4.9	
Other.....	16.8	18.0	19.8	18.4	17.9	17.7	18.1	
Wholesale and retail trade.....	36.2	38.0	39.5	32.5	36.7	41.1	41.9	
Transportation, communication, and electric, gas, and sanitary services.....	49.7	50.6	52.7	52.2	50.4	50.0	49.9	
Other.....	37.3	40.5	39.9	37.5	39.4	41.5	43.5	
<b>Rest of the world.....</b>	<b>10.2</b>	<b>13.2</b>	<b>9.6</b>	<b>11.9</b>	<b>11.7</b>	<b>15.8</b>	<b>13.5</b>	

	1978	1979	1978					1979					1980
			IV	I	II	III	IV	I <sup>p</sup>	II	III	IV	I <sup>p</sup>	
Index numbers, 1972=100													

Table 19.—Implicit Price Deflators for Gross National Product (7.1)

Gross national product.....	152.05	165.46	156.68	160.22	163.81	167.20	170.58	174.51
<b>Personal consumption expenditures.....</b>	<b>150.0</b>	<b>163.3</b>	<b>153.8</b>	<b>157.8</b>	<b>161.3</b>	<b>165.1</b>	<b>169.0</b>	<b>174.0</b>
Durable goods.....	136.5	144.8	139.4	142.4	144.1	145.3	147.4	151.6
Nondurable goods.....	154.6	171.0	158.6	164.1	168.9	173.2	177.6	184.2
Services.....	150.9	163.4	155.0	158.0	161.0	165.3	169.2	173.3
<b>Gross private domestic investment.....</b>	<b>164.4</b>	<b>179.6</b>	<b>170.3</b>	<b>173.0</b>	<b>177.8</b>	<b>182.4</b>	<b>185.0</b>	<b>188.6</b>
Fixed investment.....	157.8	171.3	162.3	165.4	169.6	173.8	176.2	179.9
Nonresidential.....	174.3	192.4	181.4	185.2	189.0	195.1	199.8	203.2
Structures.....	150.3	161.1	153.4	156.4	160.2	163.6	164.4	168.2
Producers' durable equipment.....	179.7	201.4	189.5	192.6	199.2	205.5	208.7	213.6
Residential.....	180.8	203.0	190.8	194.0	200.7	207.3	210.5	215.7
Nonfarm structures.....	180.3	202.8	189.3	192.7	199.8	206.0	209.9	215.3
Farm structures.....	132.3	139.8	135.6	138.2	139.5	139.6	141.7	144.5
Producers' durable equipment.....								
Change in business inventories.....								
<b>Net exports of goods and services.....</b>	<b>190.3</b>	<b>214.8</b>	<b>197.6</b>	<b>203.9</b>	<b>210.1</b>	<b>218.7</b>	<b>225.7</b>	<b>233.4</b>
Exports.....	222.1	256.2	227.2	234.5	244.9	264.0	280.8	298.1
Imports.....								
<b>Government purchases of goods and services.....</b>	<b>159.4</b>	<b>173.7</b>	<b>164.5</b>	<b>167.5</b>	<b>171.3</b>	<b>175.0</b>	<b>180.9</b>	<b>184.6</b>
Federal.....	154.8	167.6	160.1	161.9	164.8	167.2	176.4	178.4
State and local.....	162.1	177.1	166.9	170.8	174.9	179.3	183.5	188.4

Table 20.—Fixed-Weighted Price Indexes for Gross National Product, 1972 Weights (7.2)

Gross national product.....	154.2	168.7	159.0	162.8	166.6	170.6	174.4	179.2
<b>Personal consumption expenditures.....</b>	<b>151.6</b>	<b>166.2</b>	<b>155.9</b>	<b>160.0</b>	<b>163.9</b>	<b>168.4</b>	<b>172.6</b>	<b>178.4</b>
Durable goods.....	137.9	146.9	140.9	144.2	146.1	147.8	149.7	154.3
Nondurable goods.....	156.9	175.2	161.6	167.1	172.7	178.1	183.5	191.1
Services.....	151.5	164.4	155.7	158.7	161.9	166.4	170.5	174.9
<b>Gross private domestic investment.....</b>	<b>167.2</b>	<b>184.2</b>	<b>173.9</b>	<b>177.1</b>	<b>182.2</b>	<b>187.2</b>	<b>190.4</b>	<b>195.1</b>
Fixed investment.....	160.6	175.0	165.5	168.8	173.1	177.3	180.6	185.0
Nonresidential.....	170.7	189.1	177.7	181.6	186.4	191.7	196.0	200.8
Structures.....	154.8	167.0	158.5	161.5	165.6	169.1	171.8	175.9
Producers' durable equipment.....	179.6	201.5	189.5	192.7	199.3	205.7	208.9	214.2
Residential.....								
Change in business inventories.....								
Net exports of goods and services.....								
Exports.....	192.3	216.9	199.2	205.3	211.4	220.5	227.8	237.7
Imports.....	215.3	248.9	222.1	229.6	240.9	256.8	273.8	293.1
<b>Government purchases of goods and services.....</b>	<b>159.5</b>	<b>174.5</b>	<b>164.5</b>	<b>168.2</b>	<b>172.0</b>	<b>176.0</b>	<b>182.1</b>	<b>186.8</b>
Federal.....	155.8	170.4	160.8	164.0	167.2	171.1	180.2	184.7
State and local.....	162.0	177.3	167.0	171.1	175.2	179.4	183.4	188.3
<b>Addenda:</b>								
Final sales.....	154.1	168.5	158.9	162.7	166.4	170.4	174.3	179.0
Gross domestic product.....	153.7	168.0	158.5	162.3	166.0	169.9	173.6	178.2
Business.....	153.6	168.3	158.5	162.3	166.3	170.4	173.9	178.8
Nonfarm.....	153.1	167.2	157.2	160.5	164.8	169.3	172.8	

<sup>p</sup> Preliminary.

1. Consists of the following industries: Banking; credit agencies other than banks; security, commodity brokers and services; insurance carriers; regulated investment companies; small business investment companies; and real estate investment trusts.

NOTE.—Table 18: The industry classification is on a company basis and is based on the 1972 Standard Industrial Classification.

	1978	1979	1979					1980
			IV	I	II	III	IV	
			Seasonally adjusted					
Index numbers, 1972=100								

**Table 21.—Implicit Price Deflators for Gross National Product by Major Type of Product (7.3)**

	1978	1979	1978	1979	1978	1979	1978	1979	1980
<b>Gross national product</b> .....	152.05	165.46	156.68	160.22	163.81	167.20	170.58	174.51	
Final sales.....	152.0	165.3	156.6	160.3	163.5	167.0	170.4	174.2	
Change in business inventories.....									
<b>Goods</b> .....	145.4	157.8	149.7	153.6	157.3	159.1	161.2	164.9	
Final sales.....	145.2	157.4	149.3	153.6	156.5	158.6	160.7	164.3	
Change in business inventories.....									
Durable goods.....	140.9	152.0	144.1	148.8	151.8	153.4	154.3	156.7	
Final sales.....	140.2	151.2	143.7	148.0	150.2	152.8	153.9	157.7	
Change in business inventories.....									
Nondurable goods.....	148.8	162.1	153.8	157.3	161.4	163.2	166.2	170.7	
Final sales.....	148.7	161.8	153.3	157.7	161.1	162.8	165.6	168.9	
Change in business inventories.....									
<b>Services</b> .....	153.8	167.0	158.1	161.4	164.4	168.8	173.3	177.5	
<b>Structures</b> .....	176.2	196.6	184.6	188.4	193.8	199.8	203.8	208.1	

**Table 22.—Implicit Price Deflators for Gross National Product by Sector (7.5)**

	1978	1979	1978	1979	1978	1979	1978	1979	1980
<b>Gross national product</b> .....	152.05	165.46	156.68	160.22	163.81	167.20	170.58	174.51	
<b>Gross domestic product</b> .....	151.5	164.6	156.1	159.5	163.1	166.2	169.5	173.3	
Business.....	151.0	164.3	155.6	159.1	162.8	166.1	169.1	173.0	
Nonfarm.....	150.4	163.2	154.7	157.6	161.7	165.2	168.2	172.0	
Nonfarm less housing.....	151.9	165.0	156.2	159.3	163.6	167.1	170.1	174.0	
Housing.....	137.7	147.9	141.4	143.4	145.6	149.1	153.0	155.7	
Farm.....	174.2	201.6	190.5	209.4	201.2	197.7	198.4	188.8	
Residual.....									
Households and institutions.....	159.6	171.5	163.3	168.3	169.7	171.6	176.1	180.3	
Government.....	153.1	165.1	157.6	160.7	163.3	165.7	170.7	173.7	
Federal.....	146.2	156.8	151.7	153.4	154.3	155.1	164.4	165.3	
State and local.....	156.5	169.1	160.4	164.3	167.7	170.8	173.8	177.7	
<b>Rest of the world</b> .....									

**Table 23.—Implicit Price Deflators for the Relation of Gross National Product, Net National Product, and National Income (7.6)**

	1978	1979	1978	1979	1978	1979	1978	1979	1980
<b>Gross national product</b> .....	152.05	165.46	156.68	160.22	163.81	167.20	170.58	174.51	
Less: Capital consumption allowances with capital consumption adjustment.....	163.6	177.7	168.0	170.9	175.4	180.1	184.1	187.7	
<b>Equals: Net national product</b> .....	150.8	164.2	155.5	159.1	162.6	165.8	169.1	173.1	
Less: Indirect business tax and nontax liability plus business transfer payments less subsidies plus current surplus of government enterprises.....	131.8	138.6	131.6	135.1	137.7	139.2	142.1	147.4	
Residual.....									
<b>Equals: National income</b> .....	153.4	167.3	158.5	162.1	165.6	169.1	172.5		

<sup>p</sup> Preliminary.

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.

**NOTE.**—Table 21: "Final sales" is classified as durable or nondurable by type of product. "Change in business inventories" is classified as follows: For manufacturing, by the type of product produced by the establishment holding the inventory; for trade, by the type of product sold by the establishment holding the inventory; for construction, durable; and for other industries, nondurable.

Tables 22 and 24: The industry classification within the business sector is on an establishment basis and is based on the 1972 Standard Industrial Classification.

	1978	1979	1979					1980
			IV	I	II	III	IV	
			Seasonally adjusted					
Index numbers, 1972=100								

**Table 24.—Implicit Price Deflators for Net National Product and National Income by Sector (7.7)**

	1978	1979	1978	1979	1978	1979	1978	1979	1980
<b>Net national product</b> .....	150.8	164.2	155.5	159.1	162.6	165.8	169.1	173.1	
<b>Net domestic product</b> .....	150.2	163.2	154.8	158.3	161.8	164.8	168.0	171.8	
Business.....	149.4	162.6	154.1	157.6	161.2	164.4	167.2	171.2	
Nonfarm.....	148.9	161.5	153.1	156.1	160.1	163.4	166.4	170.2	
Farm.....	175.8	208.8	197.5	222.2	209.0	202.9	202.2	187.7	
Residual.....									
Households and institutions.....	159.6	171.5	163.3	168.3	169.7	171.6	176.1	180.3	
Government.....	153.1	165.1	157.6	160.7	163.3	165.7	170.7	173.7	
<b>Rest of the world</b> .....									
<b>National income</b> .....	153.4	167.3	158.5	162.1	165.6	169.1	172.5		
<b>Domestic income</b> .....	152.6	166.3	157.7	161.2	164.7	168.0	171.2		
Business.....	152.2	166.2	157.5	161.0	164.7	168.1	171.0		
Nonfarm.....	151.9	165.6	156.7	159.9	164.1	167.8	170.5		
Farm.....	162.2	187.8	186.2	199.0	186.2	179.3	187.2	166.0	
Households and institutions.....	159.6	171.5	163.3	168.3	169.7	171.6	176.1	180.3	
Government.....	153.1	165.1	157.6	160.7	163.3	165.7	170.7	173.7	
<b>Rest of the world</b> .....									

**Table 25.—Implicit Price Deflators for Auto Output (7.9)**

	1978	1979	1978	1979	1978	1979	1978	1979	1980
<b>Auto output</b> .....	141.0	147.8	143.0	145.0	146.6	149.8	150.4	153.4	
<b>Final sales</b> .....	140.4	148.6	143.0	146.5	148.2	149.7	150.4	154.6	
Personal consumption expenditures.....	149.8	160.1	153.9	157.3	160.4	160.9	162.0	165.5	
New autos.....	138.4	149.2	141.0	144.8	148.9	152.1	151.7	156.3	
Net purchases of used autos.....									
Producers' durable equipment.....	126.8	133.7	126.2	127.1	131.8	140.0	136.5	142.2	
New autos.....	138.6	149.3	141.2	144.8	149.0	152.2	151.9	156.4	
Net purchases of used autos.....									
Net exports.....	138.8	149.7	141.4	145.1	149.2	152.5	152.0	156.2	
Exports.....	174.3	195.6	180.2	184.4	198.6	199.8	199.0	201.4	
Imports.....									
Government purchases of goods and services.....	141.3	156.2	144.5	144.8	154.0	162.4	167.2	170.4	
<b>Change in business inventories of new and used autos</b> .....									
<b>Addenda:</b>									
Domestic output of new autos <sup>1</sup> .....	138.5	149.2	140.9	144.7	148.8	152.6	151.9	156.5	
Sales of imported new autos <sup>2</sup> .....	138.5	149.3	141.1	144.9	148.9	152.1	151.8	156.3	

**Table 26.—Implicit Price Deflators for Personal Consumption Expenditures by Major Type of Product (7.11)**

	1978	1979	1978	1979	1978	1979	1978	1979	1980
<b>Personal consumption expenditures</b> .....	150.0	163.3	153.8	157.8	161.3	165.1	169.0	174.0	
<b>Durable goods</b> .....	136.5	144.8	139.4	142.4	144.1	145.3	147.4	151.6	
Motor vehicles and parts.....	145.5	156.1	149.0	152.8	156.1	157.2	158.7	162.9	
Furniture and household equipment.....	128.7	135.5	131.4	133.5	135.0	135.7	137.5	140.1	
Other.....	132.7	141.9	135.2	137.3	139.5	142.8	147.6	154.6	
<b>Nondurable goods</b> .....	154.6	171.0	158.6	164.1	168.9	173.2	177.6	184.2	
Food.....	162.5	178.8	168.3	175.1	178.0	179.0	183.1	186.2	
Clothing and shoes.....	125.5	129.7	126.7	127.2	129.4	130.1	131.9	134.1	
Gasoline and oil.....	182.1	243.7	189.1	200.9	230.3	264.8	284.6	331.7	
Fuel oil and coal.....	253.3	353.0	262.7	279.2	323.9	393.6	426.4	469.9	
Other.....	146.9	156.3	150.0	153.0	155.1	157.0	159.9	163.9	
<b>Services</b> .....	150.9	163.4	155.0	158.0	161.0	165.3	169.2	173.3	
Housing.....	140.7	151.3	144.5	146.8	149.0	152.6	156.6	159.5	
Household operation.....	156.0	166.6	158.4	161.0	164.3	169.5	171.8	174.2	
Electricity and gas.....	183.8	203.3	187.0	189.8	198.4	211.0	215.2	220.7	
Other.....	137.8	143.0	140.0	141.1	142.2	143.5	144.9	146.5	
Transportation.....	151.3	163.0	154.0	157.2	160.4	164.4	169.6	175.3	
Other.....	158.2	173.5	163.3	167.4	170.9	175.7	179.9	185.5	

			1979					1980
	1978	1979	1978	1979				I <sup>p</sup>
			IV	I	II	III	IV	
Seasonally adjusted								
Percent		Percent at annual rate						

**Table 27.—Percent Change From Preceding Period in Gross National Product in Current and Constant Dollars, Implicit Price Deflator, and Price Indexes (8.9)**

<b>Gross national product:</b>								
Current dollars.....	12.0	11.3	14.8	10.6	6.7	11.9	10.5	10.7
1972 dollars.....	4.4	2.3	5.6	1.1	-2.3	3.1	2.0	1.1
Implicit price deflator.....	7.3	8.8	8.7	9.3	9.3	8.5	8.4	9.5
Chain price index.....	7.4	8.9	8.6	9.7	8.8	8.9	8.5	10.1
Fixed-weighted price index.....	7.5	9.3	8.9	9.9	9.5	10.0	9.4	11.4
<b>Personal consumption expenditures:</b>								
Current dollars.....	11.6	11.8	14.2	11.4	6.1	15.0	14.3	14.3
1972 dollars.....	4.5	2.6	6.8	.6	-2.9	4.9	1.4	1.6
Implicit price deflator.....	6.8	8.9	6.9	10.8	9.3	9.7	9.7	12.6
Chain price index.....	7.0	9.2	7.2	10.4	10.0	10.6	10.1	13.2
Fixed-weighted price index.....	7.1	9.6	7.4	11.0	10.3	11.3	10.5	14.0
<b>Durable goods:</b>								
Current dollars.....	12.0	6.3	18.1	3.3	-9.2	9.2	5.4	10.8
1972 dollars.....	6.1	.3	13.0	-5.0	-13.6	5.8	-6.0	-1.0
Implicit price deflator.....	5.5	6.0	4.5	8.7	5.0	3.2	6.0	11.9
Chain price index.....	5.6	6.4	4.8	9.2	5.5	4.6	5.9	12.9
Fixed-weighted price index.....	5.8	6.5	4.7	9.4	5.4	4.7	5.3	12.9
<b>Nondurable goods:</b>								
Current dollars.....	10.2	12.5	16.9	9.6	7.3	17.1	18.4	14.9
1972 dollars.....	3.2	1.7	8.6	-4.2	-4.5	6.1	7.0	-6.6
Implicit price deflator.....	6.8	10.6	7.7	14.5	12.3	10.5	10.7	15.6
Chain price index.....	7.2	11.3	8.1	13.8	13.9	11.9	11.8	16.3
Fixed-weighted price index.....	7.3	11.7	8.4	14.5	14.0	13.1	12.6	17.6
<b>Services:</b>								
Current dollars.....	12.7	12.9	10.6	15.8	10.4	15.1	13.5	14.9
1972 dollars.....	5.1	4.3	3.2	7.1	2.5	3.6	3.5	4.2
Implicit price deflator.....	7.3	8.3	7.2	8.2	7.7	11.1	9.7	10.2
Chain price index.....	7.3	8.4	7.2	8.0	8.2	11.4	10.0	10.6
Fixed-weighted price index.....	7.3	8.5	7.3	8.1	8.2	11.6	10.1	10.8
<b>Gross private domestic investment:</b>								
Current dollars.....	15.9	10.2	17.1	3.6	25.2	-3.0	-5.1	1.6
1972 dollars.....	7.1	.4	6.6	-5	8.5	-12.8	-11.6	-7.5
Implicit price deflator.....								
Chain price index.....								
Fixed-weighted price index.....								
<b>Fixed investment:</b>								
Current dollars.....	17.0	12.1	17.4	5.6	8.5	18.7	4.2	2.8
1972 dollars.....	7.1	2.6	7.5	-1.0	-2.7	7.2	-1.5	-5.0
Implicit price deflator.....	9.2	9.2	9.2	6.7	11.5	10.8	5.7	8.2
Chain price index.....	9.5	9.9	10.0	7.6	11.9	11.0	7.0	10.1
Fixed-weighted price index.....	9.7	10.2	10.6	7.7	12.0	11.3	7.1	10.3
<b>Nonresidential:</b>								
Current dollars.....	16.7	15.2	19.3	12.9	9.6	22.0	5.4	9.9
1972 dollars.....	8.4	6.2	11.3	4.8	-8	10.7	-3	1.1
Implicit price deflator.....	7.7	8.5	7.2	7.7	10.6	10.2	5.7	8.7
Chain price index.....	7.9	8.7	7.6	7.8	10.8	9.9	7.3	9.8
Fixed-weighted price index.....	8.0	9.0	8.0	8.2	10.7	10.1	7.5	10.1
<b>Structures:</b>								
Current dollars.....	22.2	21.1	25.9	2.4	29.1	21.7	23.4	10.0
1972 dollars.....	12.2	9.6	12.7	-5.6	19.0	7.1	12.2	2.8
Implicit price deflator.....	8.9	10.4	11.8	8.5	8.5	13.6	10.0	6.9
Chain price index.....	9.2	10.9	12.2	9.1	10.7	11.8	9.3	10.3
Fixed-weighted price index.....	9.0	10.8	11.6	9.1	10.9	11.8	9.2	10.2
<b>Producers' durable equipment:</b>								
Current dollars.....	14.1	12.2	15.8	19.0	.2	22.2	-4.0	9.9
1972 dollars.....	6.7	4.7	10.7	10.1	-8.9	12.5	-6.0	.3
Implicit price deflator.....	6.8	7.2	4.6	8.2	10.0	8.7	2.1	9.6
Chain price index.....	7.3	7.6	5.1	7.1	10.8	8.9	6.1	9.5
Fixed-weighted price index.....	7.4	7.8	5.7	7.6	10.5	8.9	6.4	10.0
<b>Residential:</b>								
Current dollars.....	17.5	5.7	13.5	-8.5	6.1	11.7	1.4	-12.3
1972 dollars.....	4.2	-5.7	-1.1	-14.3	-7.2	-1.5	-4.5	-20.1
Implicit price deflator.....	12.8	12.1	14.8	6.7	14.3	13.4	6.2	9.8
Chain price index.....	12.9	12.2	15.1	7.0	14.3	13.5	6.3	10.6
Fixed-weighted price index.....	12.8	12.2	15.1	7.0	14.3	13.5	6.4	10.6

			1979					1980
	1978	1979	1978	1979				I <sup>p</sup>
			IV	I	II	III	IV	
Seasonally adjusted								
Percent		Percent at annual rate						

**Table 27.—Percent Change From Preceding Period in Gross National Product in Current and Constant Dollars, Implicit Price Deflator, and Price Indexes (8.9)—Continued**

<b>Exports:</b>								
Current dollars.....	17.8	24.3	22.3	26.4	9.1	44.5	21.2	30.0
1972 dollars.....	10.6	10.1	7.1	11.5	-3.1	23.0	7.0	13.6
Implicit price deflator.....	6.5	12.9	14.2	13.4	12.6	17.0	13.3	14.4
Chain price index.....	6.1	12.5	13.3	12.8	11.9	18.0	13.0	17.4
Fixed-weighted price index.....	6.0	12.8	13.8	12.9	12.4	18.5	13.9	18.4
<b>Imports:</b>								
Current dollars.....	17.1	20.5	16.9	9.2	33.2	31.2	38.5	44.2
1972 dollars.....	11.1	4.4	10.2	-3.8	12.1	-2.9	8.2	13.5
Implicit price deflator.....	5.4	15.4	6.1	13.5	18.9	35.2	27.9	27.1
Chain price index.....	7.7	17.0	8.6	13.7	24.4	34.9	30.6	34.7
Fixed-weighted price index.....	8.0	15.6	9.1	14.1	21.2	29.1	29.3	31.2
<b>Government purchases of goods and services:</b>								
Current dollars.....	9.9	9.4	12.2	5.6	5.8	10.0	21.1	14.4
1972 dollars.....	1.8	4.4	1.8	-1.8	-3.3	1.0	6.0	5.4
Implicit price deflator.....	8.0	8.9	10.2	7.6	9.4	8.9	14.2	8.6
Chain price index.....	7.7	9.2	9.5	9.4	9.0	9.4	13.3	9.7
Fixed-weighted price index.....	7.8	9.4	10.0	9.4	9.2	9.8	14.5	10.8
<b>Federal:</b>								
Current dollars.....	5.7	9.2	18.7	12.1	-4.6	3.1	43.8	21.5
1972 dollars.....	-2.0	.9	3.2	7.2	-11.3	-2.6	16.0	16.2
Implicit price deflator.....	7.8	8.3	15.0	4.6	7.5	5.9	23.9	4.5
Chain price index.....	7.1	8.9	13.0	7.6	7.3	8.5	21.2	6.9
Fixed-weighted price index.....	6.9	9.4	12.8	8.2	7.9	9.8	22.9	10.4
<b>State and local:</b>								
Current dollars.....	12.4	9.5	8.9	2.3	11.9	13.8	10.4	10.6
1972 dollars.....	4.0	2	1.0	-6.6	1.6	3.1	.8	-5
Implicit price deflator.....	8.1	9.3	7.8	9.5	10.1	10.4	9.6	11.2
Chain price index.....	8.0	9.3	7.7	10.3	9.9	10.0	9.4	11.2
Fixed-weighted price index.....	8.3	9.4	8.2	10.1	10.0	9.9	9.3	11.1
<b>Addenda:</b>								
<b>Final sales:</b>								
Current dollars.....	12.1	11.7	14.8	11.0	4.2	15.8	12.2	10.9
1972 dollars.....	4.4	2.7	5.7	1.1	-3.9	6.4	3.6	1.5
Implicit price deflator.....	7.4	8.8	8.6	9.8	8.5	8.8	8.3	9.3
Chain price index.....	7.4	8.8	8.6	9.7	8.9	8.8	8.4	10.1
Fixed-weighted price index.....	7.5	9.3	8.8	9.9	9.5	10.0	9.4	11.3
<b>Gross domestic product:</b>								
Current dollars.....	12.0	11.2	14.8	10.1	6.9	11.5	10.7	11.0
1972 dollars.....	4.4	2.3	5.6	.9	-2.1	3.2	2.4	1.5
Implicit price deflator.....	7.3	8.7	8.7	9.1	9.2	8.0	8.1	9.3
Chain price index.....	7.4	8.8	8.7	9.6	8.7	8.4	8.1	9.8
Fixed-weighted price index.....	7.5	9.3	8.9	9.9	9.4	9.6	9.1	11.1
<b>Business:</b>								
Current dollars.....	12.4	11.6	15.5	10.1	7.0	12.1	10.5	11.3
1972 dollars.....	4.7	2.6	6.4	1.0	-2.5	3.4	2.8	1.5
Implicit price deflator.....	7.3	8.8	8.5	9.1	9.8	8.4	7.4	9.6
Chain price index.....	7.4	8.9	8.5	9.7	9.1	8.9	7.4	10.2
Fixed-weighted price index.....	7.6	9.5	8.7	10.0	10.1	10.4	8.4	11.8
<b>Nonfarm:</b>								
Current dollars.....	12.4	11.4	14.9	9.8	7.5	10.8	10.7	-----
1972 dollars.....	5.4	2.7	6.6	1.7	-2.8	1.6	2.8	1.6
Implicit price index.....	6.7	8.5	7.8	7.9	10.6	9.0	7.6	-----
Chain price index.....	6.9	8.7	7.6	8.5	10.1	9.4	7.7	-----
Fixed-weighted price index.....	7.0	9.3	7.7	8.5	11.3	11.2	8.7	-----
<b>Disposable personal income:</b>								
Current dollars.....	11.7	11.4	13.8	13.0	7.7	9.9	10.9	13.3
1972 dollars.....	4.6	2.3	6.4	2.1	-1.4	.2	1.1	.7

<sup>p</sup> Preliminary.

NOTE.—Table 27: 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 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 timespan reflect only changes in prices.

# Federal Budget Revisions for Fiscal Years 1980 and 1981

**REVISED** estimates of Federal unified budget receipts and outlays for fiscal years 1980 and 1981 were released March 31 by the Office of Management and Budget. The revised estimates reflect: (1) budget reductions and tax measures proposed as part of the administration's anti-inflation program announced in mid-March (see the

March SURVEY OF CURRENT BUSINESS for other aspects of the program); (2) reestimates of receipts and outlays based on revised economic assumptions and more recent data; and (3) policy changes enacted by Congress or proposed by the administration since the January budget.

On the basis of the revised economic assumptions, the outlook for inflation has worsened significantly since the January budget was prepared (table 1). The Consumer Price Index (CPI) is now forecast to increase 12.8 percent from the fourth quarter of 1979 to the fourth quarter of 1980, compared with 10.7 percent previously. Much of the increase is concentrated in the first half of the year. During 1981, the CPI is forecast to increase 9 percent, compared with 8.7 percent previously. Interest rates have been revised upward in line with the higher inflation. The administration continues to forecast a recession for 1980, but it is now expected later in the year. Consequently, the unemployment rate peaks later than in the previous forecast. Under both forecasts, the economy recovers moderately in 1981, and by the end of calendar 1981, the level of unemployment and real GNP are about the same as forecast in January.

For fiscal year 1980, a \$36.5 billion deficit is estimated, compared with \$39.8 billion in January (table 2). Receipts are \$8.6 billion higher, largely reflecting higher rates of economic activity and inflation, as well as the imposition of a \$4.62 per barrel "gasoline conservation fee" on imported oil effective March 15. Partly offsetting these factors is a lower estimate of the windfall profits tax, which was effective March 1; the budget had assumed a January 1 effective date and slightly different provisions from the law enacted by Congress in March. Outlays are \$5.4 billion higher; \$4 billion of this increase is for defense, and reflects higher than anticipated fuel and transportation costs and prices of other

Table 1.—Economic Assumptions Underlying the Fiscal Year 1981 Budget Revisions

	Calendar Year					
	Actual		Estimates		Differences from Jan.	
	1978	1979	1980	1981	1980	1981
	Billions of dollars					
Gross national product:						
Current dollars.....	2,128	2,369	2,621	2,885	54	43
1972 dollars.....	1,399	1,432	1,442	1,449	19	1
Incomes:						
Personal income.....	1,717	1,924	2,131	2,340	22	26
Wages and salaries.....	1,103	1,228	1,353	1,493	11	15
Corporate profits before taxes.....	206	237	242	241	14	-1
	Percent change from preceding year					
GNP in current dollars:						
Annual average.....	12.0	11.4	10.6	10.1	2.3	- .6
Fourth quarter.....	13.4	10.0	10.0	11.4	2.1	- .3
GNP in 1972 dollars:						
Annual average.....	4.4	2.3	.8	.4	1.4	-1.3
Fourth quarter.....	4.8	1.0	- .4	2.2	.6	- .6
GNP deflator:						
Annual average.....	7.3	8.8	9.8	9.6	.9	.8
Fourth quarter.....	8.2	9.0	10.4	9.1	1.4	.5
Consumer price index:						
Annual average.....	7.6	11.4	13.9	9.5	2.1	.3
Fourth quarter.....	8.9	12.8	12.8	9.0	2.1	.3
	Percent					
Unemployment rate:						
Annual average.....	6.0	5.8	6.7	7.3	-.3	-.1
Fourth quarter.....	5.8	5.9	7.2	7.3	-.3	-----
Insured unemployment rate: <sup>1</sup>						
Annual average.....	2.9	3.1	3.7	4.0	-.2	-----
Interest rate, 91-day Treasury bills <sup>2</sup> .....	7.2	10.0	13.1	9.5	2.6	.5

1. Insured unemployment under the State regular unemployment insurance program, excluding recipients of extended 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: "Fiscal Year 1981 Budget Revisions."

purchases, faster than anticipated spending under contracts let earlier, and increased operations in the Persian Gulf. Planned reductions under the anti-inflation program (\$2.4 billion) and lower net interest due to the lower deficit (\$0.2 billion) partly offset \$4 billion of higher nondefense spending for programs such as farm price supports, highway grants, and lending activities.

For fiscal year 1981, a surplus of \$16.5 billion is estimated, compared with a deficit of \$15.8 billion in January. Receipts are \$28 billion higher; \$16.4 billion is due to tax changes and \$11.6 billion is due to revised economic assumptions. Among the tax changes are proposals to replace the oil import fee with a new tax on gasoline and diesel fuel effective October 1, 1980 (\$12.6 billion) and to withhold taxes on interest and dividends effective January 1, 1981 (\$3.4 billion). All other tax changes (net), including new estimates of the

windfall profits tax, add \$0.4 billion. Outlays are \$4.3 billion lower; planned reductions under the anti-inflation program (\$15 billion) and lower net interest mainly due to the shift from deficit to surplus (\$2.2 billion) more than offset increases due to reestimates. The planned reductions are due to deferral or reduction of new initiatives in the January budget, such as for energy, anti-recession fiscal assistance, and welfare reform; a proposed shift from semi-annual to annual indexing in Federal retirement programs; and a variety of other changes such as elimination of the State share of general revenue sharing, delays in purchases for the strategic petroleum program, and reductions in employment, health, education, and defense programs. The upward reestimate for defense outlays (\$5.7 billion) is due to the same factors cited for 1980, and that for nondefense outlays (\$7.3 billion) is largely due to higher cost-of-living adjustments for social security

and certain other entitlement programs and increases in net interest because of higher interest rates.

**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 outlays (table 2). On this basis, fiscal year 1980 receipts are \$12.7 billion higher than estimated in January, expenditures are \$3.8 billion higher, and the deficit is \$8.9 billion lower. All categories of receipts are revised upward, largely reflecting higher incomes. The upward revision in indirect business tax and nontax accruals also reflects the gasoline conservation fee. Among expenditures, there were upward revisions in national defense purchases, grants-in-aid to State and local governments, and net interest paid. The upward revision in national defense purchases reflects the same factors cited for defense outlays. The upward revision in grants-in-aid reflects higher spending for highways, sewage treatment plants, and community development, and was partly offset by lower spending for public service jobs, welfare reform demonstrations, and energy assistance. The upward revision in net interest paid is the net result of higher interest rates and somewhat reduced borrowing. These revisions were partly offset by downward revisions in nondefense purchases (higher sales of petroleum from the naval petroleum reserves, lower purchases for the strategic petroleum reserve, and reductions in a host of other programs) and transfer payments to persons (lower unemployment benefits reflecting a lower level of unemployment).

For fiscal year 1981, receipts are \$28.4 billion higher than estimated in January, expenditures are \$5 billion lower, and the fiscal position is revised from a deficit of \$18.6 billion to a surplus of \$14.7 billion. The upward revision in receipts results from \$16.9 billion due to tax changes and \$11.5 billion due to revised economic assumptions. All receipt categories are revised up. The proposed gasoline and diesel

**Table 2.—Federal Government Receipts and Expenditures**

[Billions of dollars]

	Fiscal year								
	Actual 1979	Estimates							
		1980				1981			
		Jan.	Economic assump- tions and reestimates	Tax changes and expend- iture reduc- tions	Mar.	Jan.	Economic assump- tions and reestimates	Tax changes and expend- iture reduc- tions	Mar.
<b>Unified budget</b>									
Receipts.....	465.9	523.8	6.4	2.2	532.4	600.0	11.6	16.4	628.0
Outlays.....	493.7	563.6	8.0	-2.6	568.9	615.8	13.0	-17.2	611.5
Surplus or deficit (-).....	-27.7	-39.8	-1.6	4.8	-36.5	-15.8	-1.4	33.6	16.5
<b>National income and product accounts</b>									
Receipts.....	483.7	530.6	9.2	3.5	543.2	607.7	11.5	16.9	636.1
Personal tax and nontax receipts.....	223.5	245.1	3.0	-----	248.1	279.7	6.1	2.7	288.8
Corporate profits tax accruals.....	78.4	76.5	5.0	-----	81.5	77.1	3.9	-1.4	79.6
Indirect business tax and nontax accruals.....	29.4	38.5	-1.1	3.5	41.8	53.0	-3	15.6	68.3
Contributions for social insurance.....	152.4	170.5	1.3	-----	171.8	197.9	1.5	-----	199.4
Expenditures.....	493.6	564.2	6.1	-2.3	568.1	626.3	11.5	-16.4	621.4
Purchases of goods and services.....	162.4	185.6	3.4	-9	188.1	202.9	6.4	-4.9	204.4
National defense.....	105.9	118.7	4.1	-3	122.4	132.1	5.7	-1.0	136.8
Nondefense.....	56.5	66.9	-6	-5	65.7	70.8	-7	-3.9	67.6
Transfer payments.....	201.7	235.1	-3	-1	234.8	267.6	2.3	-1.6	268.3
To persons.....	197.7	230.9	-8	-1	230.1	263.2	1.9	-1.6	263.5
To foreigners.....	4.0	4.2	.5	-----	4.7	4.4	.4	-----	4.8
Grants-in-aid to State and local governments.....	79.3	84.3	1.8	-1.0	85.0	90.7	.7	-6.6	84.8
Net interest paid.....	40.4	49.2	.9	-2	49.9	52.2	3.1	-2.3	52.9
Subsidies less current surplus of government enterprises.....	9.8	10.0	.3	-----	10.3	12.9	-1.1	-----	11.0
Surplus or deficit (-).....	-9.9	-33.6	3.1	5.8	-24.9	-18.6	-----	33.3	14.7

Sources: "Fiscal Year 1981 Budget Revisions," and the Bureau of Economic Analysis.

fuels tax accounts for \$12.8 billion of the tax changes, and proposed withholding on interest and dividends accounts for \$3.4 billion. The downward revision in expenditures is the net result of \$11.5 billion due to higher expenditures from reestimates and \$16.5 billion due to reductions associated with the anti-inflation program. The largest reestimates occur in national defense purchases (higher fuel costs), in net interest paid (higher interest rates), and in transfer payments to persons (higher cost-of-living adjustments for social security and other indexed programs). The only major downward reestimate is in subsidies less current surplus of government enterprises (lower government payments to farmers). The largest reductions occur in grants-in-aid and nondefense purchases. Grants are reduced for general revenue sharing, anti-recession fiscal assistance, energy programs, public service jobs, health services, and a host of other programs. Reductions in non-defense purchases include the deferral of start-up costs for welfare reform, the postponement of strategic petroleum reserve purchases, and lower spending for NASA and veterans programs. Net interest is also reduced (the shift to surplus in 1981) as are transfer payments to persons (a shift from semi-annual to annual indexing in Federal military and civilian retirement programs).

BEA also has revised the quarterly pattern of receipts and expenditures on the NIPA basis (table 3) and the reconciliation of fiscal year totals with the unified budget (table 4 and table 5). NIPA estimates based on the January budget are discussed in detail in the February SURVEY.

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

[Billions of dollars, seasonally adjusted at annual rates]

	Actual	Calendar year						
		Estimates						
		1979	1980				1981	
			IV	I	II	III	IV	I
<b>Receipts</b> .....	<b>525.2</b>	<b>536.8</b>	<b>560.4</b>	<b>565.4</b>	<b>587.2</b>	<b>627.6</b>	<b>653.5</b>	<b>676.5</b>
Personal tax and nontax receipts.....	248.5	246.5	251.5	257.8	266.6	281.8	294.7	307.5
Windfall profits tax offset.....			- .5	- .5	- .6	-1.6	-1.6	-1.6
Withholding on interest and dividends <sup>1</sup> .....						3.3	3.5	3.7
Other new tax changes (net) <sup>2</sup> .....						- .2	- .2	- .2
Other.....	248.5	246.5	252.0	258.3	267.2	280.3	293.0	305.6
Corporate profits tax accruals.....	81.9	83.1	80.8	80.0	78.1	77.4	80.5	82.5
Windfall profits tax offset.....		-1.2	-4.4	-5.5	-6.6	-7.7	-8.7	-10.0
Other.....	81.9	84.3	85.2	85.5	84.7	85.1	89.2	92.5
Indirect business tax and nontax accruals.....	30.7	35.8	52.7	48.2	60.8	64.8	71.0	76.7
Windfall profits tax.....		3.5	12.6	15.9	19.1	22.2	25.3	28.6
Oil import fee and gasoline tax.....		2.0	10.6	3.5	11.2	11.3	13.5	15.2
Sugar import fee.....		- .1	- .2	- .2	- .2	- .2	- .2	- .2
Other.....	30.7	30.4	29.7	29.0	30.7	31.5	32.4	33.1
Contributions for social insurance.....	164.1	171.4	175.4	179.4	181.7	203.6	207.3	209.8
<b>Expenditures</b> .....	<b>540.4</b>	<b>564.0</b>	<b>569.6</b>	<b>596.1</b>	<b>605.2</b>	<b>616.5</b>	<b>621.8</b>	<b>642.1</b>
Purchases of goods and services.....	178.4	187.3	189.9	196.5	200.7	203.3	205.5	208.0
National defense.....	114.6	119.6	125.0	130.4	133.8	135.8	137.8	139.8
Nondefense.....	63.8	67.7	64.9	66.1	66.9	67.5	67.7	68.2
Transfer payments.....	222.7	229.3	233.1	253.5	258.6	265.3	266.7	282.7
To persons.....	217.8	224.9	228.5	248.9	254.0	260.6	261.7	277.7
To foreigners.....	5.0	4.4	4.6	4.6	4.6	4.7	5.0	5.0
Grants-in-aid to State and local governments.....	84.3	87.3	84.9	82.4	82.5	84.3	85.5	86.9
Net interest paid.....	46.2	50.9	51.1	51.4	52.0	52.6	53.2	53.8
Subsidies less current surplus of government enterprises.....	8.8	9.3	10.6	12.3	11.4	11.0	10.9	10.7
Surplus or deficit (-).....	-15.2	-27.2	-9.2	-30.7	-18.0	11.1	31.7	34.4

1. Net of reduced quarterly declarations.
2. Consists of the interest and dividend exclusion and changes in passport and visa fees.
3. Differs from number shown in table 12 because of proposed increase involving the foreign tax credit retroactive to 1979 assumed in budget revisions.

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

[Billions of dollars]

	Fiscal year		
	1979	1980	1981
<b>Unified budget receipts</b> .....	<b>465.9</b>	<b>532.4</b>	<b>628.0</b>
Less: Coverage differences.....	1.2	1.4	1.4
Financial transactions.....			
Plus: Netting differences:			
Contributions to government employees retirement funds.....	7.9	8.8	9.4
Other.....	3.6	3.6	3.9
Timing differences:			
Corporate income tax.....	4.6	-2.5	-5.3
Federal and State unemployment insurance taxes.....	.2		.1
Withheld personal income tax and social security contributions.....	2.3	- .2	- .5
Excise taxes.....	.2	2.4	1.6
Other.....			
Miscellaneous.....	.1	.1	.2
<b>Equals: Federal Government receipts, NIPA</b> .....	<b>483.7</b>	<b>543.2</b>	<b>636.1</b>

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

[Billions of dollars]

	Fiscal year		
	1979	1980	1981
<b>Unified budget outlays</b> .....	<b>493.7</b>	<b>568.9</b>	<b>611.5</b>
Less: Coverage differences:			
Geographic.....	4.0	4.6	4.8
Off-budget Federal entities.....	-12.4	-15.0	-18.7
Other.....		- .2	.2
Financial transactions:			
Net lending.....	20.6	23.5	18.0
Other.....	.2	- .5	- .2
Net purchases of land:			
Outer Continental Shelf.....	-1.9	-2.5	-3.3
Other.....	.4	.3	.2
Plus: Netting differences:			
Contributions to government employees retirement funds.....	7.9	8.8	9.4
Other.....	3.6	3.6	3.9
Timing differences:			
National defense purchases.....	-1.3	-2.7	-2.2
Other.....	.6	- .5	- .3
Miscellaneous.....			
<b>Equals: Federal Government expenditures, NIPA</b> .....	<b>493.6</b>	<b>568.1</b>	<b>621.4</b>

State Personal Income

Table 1.—Total and Per Capita Personal Income and Quarterly Total Personal Income, by States and Regions<sup>1</sup>

State and region	Total personal income				Per capita personal income <sup>2</sup>				Total personal income								
	Millions of dollars			Percent change 1978-79	Dollars			Percent change 1978-79	Millions of dollars, seasonally adjusted at annual rates								
	1977 <sup>r</sup>	1978 <sup>r</sup>	1979 <sup>p</sup>		1977 <sup>r</sup>	1978 <sup>r</sup>	1979 <sup>p</sup>		1978				1979				Percent change 1978:III-1979:IV
				I <sup>r</sup>				II <sup>r</sup>	III <sup>r</sup>	IV <sup>r</sup>	I <sup>r</sup>	II <sup>r</sup>	III <sup>r</sup>	IV <sup>p</sup>			
<b>United States</b> .....	1,522,766	1,709,616	1,915,999	12.1	7,038	7,840	8,706	11.0	1,626,033	1,681,361	1,735,312	1,795,758	1,844,221	1,885,506	1,939,137	1,995,131	15.0
<b>New England</b> .....	87,600	96,873	108,351	11.8	7,158	7,904	8,816	11.5	92,501	95,360	98,009	101,623	104,335	106,310	109,719	113,039	15.3
Connecticut.....	25,019	27,623	31,021	12.3	8,052	8,915	9,959	11.7	26,336	27,115	27,968	29,075	29,904	30,420	31,397	32,364	15.7
Maine.....	6,210	6,884	7,741	12.5	5,727	6,308	7,057	11.9	6,593	6,796	6,953	7,193	7,415	7,599	7,859	8,092	16.4
Massachusetts.....	41,608	45,765	51,019	11.5	7,202	7,928	8,844	11.6	43,786	45,081	46,274	47,918	49,096	50,061	51,678	53,242	15.1
New Hampshire.....	5,644	6,427	7,301	13.6	6,639	7,378	8,231	11.6	6,129	6,303	6,513	6,763	7,015	7,140	7,411	7,632	17.2
Rhode Island.....	6,810	6,960	7,679	10.3	6,731	7,447	8,266	11.0	6,605	6,897	7,060	7,281	7,437	7,556	7,772	7,951	12.6
Vermont.....	2,809	3,214	3,589	11.7	5,827	6,601	7,280	10.3	3,053	3,168	3,241	3,394	3,407	3,528	3,603	3,758	16.0
<b>Mideast</b> .....	316,278	347,364	382,753	10.2	7,447	8,227	9,092	10.5	332,996	342,934	351,536	361,991	369,655	376,719	386,985	397,653	13.1
Delaware.....	4,449	4,970	5,550	11.7	7,643	8,531	9,537	11.8	4,737	4,920	5,054	5,171	5,315	5,440	5,659	5,786	14.5
District of Columbia.....	5,965	6,465	7,157	10.7	8,709	9,598	10,911	13.7	6,246	6,359	6,522	6,730	6,854	7,027	7,283	7,465	14.5
Maryland.....	31,519	34,582	37,955	9.8	7,619	8,348	9,150	9.6	33,356	34,086	34,898	35,988	36,760	37,362	38,281	39,418	13.0
New Jersey.....	58,112	64,297	71,135	10.6	7,920	8,775	9,702	10.6	61,507	63,473	65,125	67,086	68,666	70,022	71,923	73,931	13.5
New York.....	133,653	146,059	160,555	9.9	7,453	8,230	9,098	10.5	140,466	144,172	147,573	152,027	155,145	157,986	162,491	166,596	12.9
Pennsylvania.....	82,579	90,991	100,400	10.3	7,000	7,744	8,559	10.5	86,684	89,925	92,364	94,989	96,915	98,882	101,347	104,458	13.1
<b>Great Lakes</b> .....	304,247	338,795	376,445	11.1	7,409	8,217	9,118	11.0	324,276	334,131	343,370	353,402	366,278	371,348	380,553	387,601	12.9
Illinois.....	90,265	99,716	110,302	10.6	8,039	8,870	9,823	10.7	95,990	98,595	101,255	103,024	106,555	108,287	112,234	114,130	12.7
Indiana.....	37,012	41,398	46,903	13.3	6,918	7,703	8,686	12.8	39,304	40,848	41,813	43,625	45,237	46,517	47,261	48,595	16.2
Michigan.....	60,534	77,985	85,341	9.4	7,601	8,487	9,269	9.2	74,870	76,693	78,957	81,420	84,812	84,859	85,460	86,233	9.2
Ohio.....	75,968	84,456	94,162	11.5	7,102	7,857	8,775	11.7	80,231	83,269	85,733	88,589	91,697	92,636	95,170	97,144	13.3
Wisconsin.....	31,468	35,241	39,738	12.8	6,776	7,532	8,419	11.8	33,881	34,726	35,611	36,744	37,975	39,048	40,427	41,500	16.5
<b>Plains</b> .....	114,235	129,458	144,813	11.9	6,758	7,607	8,460	11.2	123,400	127,128	130,332	136,972	138,781	143,305	146,531	150,634	15.6
Iowa.....	19,813	22,748	24,925	9.6	6,861	7,856	8,589	9.3	21,782	22,288	23,002	23,927	24,135	24,799	25,206	25,558	11.1
Kansas.....	16,246	18,421	21,451	16.4	7,003	7,846	8,686	15.4	17,255	18,005	18,631	19,795	20,194	21,336	21,637	22,636	21.5
Minnesota.....	28,206	31,680	35,567	12.3	7,086	7,904	8,760	10.8	30,476	31,173	31,783	33,288	33,889	35,052	36,110	37,217	17.1
Missouri.....	31,726	35,413	39,581	11.8	6,579	7,287	8,132	11.6	33,915	34,951	35,817	36,970	38,211	39,074	40,053	40,984	14.4
Nebraska.....	10,382	11,809	13,129	11.2	6,677	7,544	8,341	11.0	11,068	11,645	11,878	12,645	12,543	13,107	13,405	13,463	13.3
North Dakota.....	3,833	4,845	5,108	5.4	5,895	7,432	7,774	4.6	4,450	4,642	4,765	4,524	4,977	4,955	5,094	5,404	13.4
South Dakota.....	4,028	4,541	5,053	11.3	5,859	6,585	7,334	11.4	4,453	4,429	4,455	4,825	4,832	4,982	5,026	5,372	20.6
<b>Southeast</b> .....	296,720	335,939	378,639	12.7	6,085	6,810	7,589	11.4	316,944	330,385	341,954	354,473	364,111	372,433	382,494	395,519	15.7
Alabama.....	20,867	23,668	26,294	11.1	5,654	6,325	6,976	10.3	22,243	23,322	24,138	24,969	25,537	25,880	26,324	27,436	13.7
Arkansas.....	11,653	13,980	14,792	10.6	5,414	6,121	6,785	10.8	12,582	13,068	13,707	14,146	14,617	14,436	14,851	15,266	11.4
Florida.....	56,961	65,130	75,597	16.1	6,728	7,578	8,532	12.6	61,677	63,587	66,547	68,709	71,602	74,230	76,627	79,930	20.1
Georgia.....	30,482	34,465	38,456	11.6	6,047	6,779	7,515	10.9	32,765	33,799	34,918	36,376	37,158	38,339	39,985	41,455	14.5
Kentucky.....	20,680	23,106	25,896	12.4	5,964	6,605	7,342	11.2	21,488	22,946	23,564	24,427	25,151	25,539	26,074	26,821	13.8
Louisiana.....	23,487	26,723	30,042	12.4	5,977	6,738	7,477	11.0	25,279	26,265	27,236	28,109	28,801	29,525	30,403	31,440	15.4
Mississippi.....	11,955	13,416	14,979	11.6	5,011	5,582	6,167	10.5	12,796	13,241	13,590	14,037	14,529	14,623	14,940	15,823	16.4
North Carolina.....	32,667	37,029	41,257	11.4	5,923	6,640	7,359	10.8	35,122	36,351	37,445	39,199	39,979	40,718	41,636	42,696	14.0
South Carolina.....	16,260	18,357	20,605	12.2	5,651	6,292	7,027	11.7	17,536	18,121	18,589	19,283	19,751	20,299	20,831	21,537	15.9
Tennessee.....	25,173	28,592	31,972	11.8	5,865	6,561	7,299	11.2	26,564	28,079	29,091	30,143	30,898	31,442	32,347	33,200	14.1
Virginia.....	35,418	39,746	44,719	12.5	6,952	7,721	8,605	11.4	37,640	39,290	40,191	41,863	42,694	44,094	45,357	46,730	16.3
West Virginia.....	11,118	12,327	14,029	13.8	5,999	6,629	7,470	12.7	10,863	12,297	12,938	13,212	13,363	13,833	14,265	14,656	13.3
<b>Southwest</b> .....	128,254	146,711	168,911	15.1	6,707	7,539	8,461	12.2	137,957	143,992	149,492	155,404	160,227	165,602	171,838	177,977	19.1
Arizona.....	14,914	17,383	20,347	17.1	6,471	7,385	8,305	12.5	16,344	16,955	17,704	18,528	19,378	19,927	20,669	21,413	21.0
New Mexico.....	7,008	7,999	9,052	13.2	5,559	6,599	7,294	10.5	7,553	7,840	8,164	8,438	8,629	8,892	9,208	9,480	16.1
Oklahoma.....	18,050	20,526	23,791	15.9	6,407	7,127	8,226	15.4	19,164	20,196	20,885	22,407	23,340	24,218	25,198	26,190	20.7
Texas.....	88,283	100,804	115,721	14.8	6,894	7,746	8,649	11.7	94,896	99,001	102,740	106,579	109,813	113,444	117,743	121,885	18.6
<b>Rocky Mountain</b> .....	39,353	45,606	51,527	13.0	6,645	7,521	8,205	9.1	42,849	44,726	46,194	48,660	49,199	50,601	52,180	54,128	17.2
Colorado.....	18,874	21,673	24,795	14.4	7,190	8,116	8,945	10.2	20,451	21,215	22,062	22,965	23,666	24,305	25,149	26,050	18.1
Idaho.....	5,301	6,207	6,739	8.6	6,193	7,074	7,446	5.3	5,825	6,086	6,270	6,649	6,649	6,665	6,787	6,944	10.7
Montana.....	4,585	5,425	5,826	7.4	5,988	6,915	7,412	7.2	5,064	5,305	5,385	5,950	5,546	5,755	5,903	6,100	13.3
Utah.....	7,517	8,622	9,822	13.9	5,919	6,594	7,185	9.0	8,138	8,486	8,735	9,128	9,330	9,611	9,974	10,374	18.8
Wyoming.....	3,077	3,670	4,346	18.1	7,579	8,687	9,657	11.2	3,372	3,635	3,743	3,968	4,098	4,265	4,368	4,652	24.3
<b>Far West</b> .....	225,019	257,011	291,518	13.4	7,871	8,809	9,766	10.9	243,636	251,092	262,431	270,882	279,083	286,408	295,684	304,896	16.2
California.....	174,739	198,779	224,969	13.2	7,984	8,916	9,913	11.2	188,476	194,047	203,484	209,101	215,608	220,808	228,129		



Table 2.—Percent Change in Selected Sources of Personal Income, 1978-79

State and region	Total personal income	Labor and proprietors' income of persons engaged in production <sup>1</sup>											Government		
		Total	Farm	Mining	Contract construction	Manufacturing	Wholesale and retail trade	Finance, insurance, and real estate	Transportation, communication, and public utilities	Services	Other	Federal civilian	Federal military	State and local	
<b>United States</b> .....	12.1	11.7	16.9	21.3	14.4	11.4	11.3	12.6	13.5	12.9	18.1	8.6	4.7	7.5	
<b>New England</b> .....	11.8	11.7	9.6	3.9	11.5	12.0	11.9	16.2	10.7	12.5	16.5	10.6	4.8	7.4	
Connecticut.....	12.3	12.5	-14.3	-3.3	11.5	13.9	12.7	15.5	13.9	12.3	13.6	11.8	2.6	7.1	
Maine.....	12.5	12.0	77.4	-1.0	1.7	13.3	9.3	11.5	11.8	12.9	14.4	12.2	3.5	5.4	
Massachusetts.....	11.5	11.1	-20.2	6.1	12.5	9.8	12.3	18.2	8.5	12.7	18.0	8.9	6.7	8.3	
New Hampshire.....	13.6	14.0	-27.9	13.0	15.2	17.7	11.7	15.8	13.2	13.3	16.7	12.7	2.8	9.0	
Rhode Island.....	10.3	9.7	-7.9	26.5	13.6	9.3	8.9	11.2	12.2	12.1	17.9	13.0	8.0	3.9	
Vermont.....	11.7	11.2	-3.8	17.4	10.5	15.9	12.1	10.7	12.2	9.9	19.7	14.4	6.3	5.7	
<b>Mideast</b> .....	10.2	9.4	2.0	21.9	10.8	9.7	8.2	9.7	11.2	11.2	13.6	9.0	8.0	5.2	
Delaware.....	11.7	11.7	37.1	23.8	9.6	12.4	10.5	11.1	12.5	12.3	18.4	2.9	5.2	6.5	
District of Columbia.....	10.7	10.3	0	45.3	2.8	9.0	6.5	13.8	11.5	12.7	16.0	10.5	1.0	6.7	
Maryland.....	9.8	8.3	5.3	10.0	6.0	7.0	5.7	7.0	12.4	13.5	10.4	7.6	6.3	6.5	
New Jersey.....	10.6	10.0	7.6	16.3	16.2	9.1	10.7	10.5	7.5	12.3	14.3	12.3	11.6	6.4	
New York.....	9.9	9.1	34.9	16.3	11.5	9.1	8.1	9.3	12.5	10.1	12.8	8.1	12.2	4.8	
Pennsylvania.....	10.3	9.5	-29.8	23.3	9.6	11.1	7.4	10.7	11.4	11.5	14.3	6.6	7.5	4.3	
<b>Great Lakes</b> .....	11.1	10.5	40.3	23.6	13.1	8.1	10.4	11.9	12.4	10.8	15.6	9.3	4.0	10.2	
Illinois.....	10.6	9.9	47.3	28.6	10.4	5.5	8.7	12.8	10.5	8.9	14.4	6.9	4.7	17.5	
Indiana.....	13.3	13.3	76.0	29.5	27.3	9.5	12.3	10.3	15.5	11.7	15.8	10.8	2.2	7.9	
Michigan.....	9.4	8.5	23.6	14.7	9.5	6.6	11.1	11.7	14.1	8.3	17.2	10.8	2.9	6.7	
Ohio.....	11.5	10.9	43.4	21.0	12.2	9.2	10.3	11.6	11.5	14.3	14.7	9.6	3.7	7.4	
Wisconsin.....	12.8	12.7	16.7	17.3	12.4	13.5	12.6	11.7	14.3	13.1	17.5	10.9	7.7	7.9	
<b>Plains</b> .....	11.6	11.6	7.7	21.6	12.8	13.4	11.5	11.3	15.4	12.7	13.3	6.7	5.0	6.6	
Iowa.....	9.6	8.4	-5.6	6.7	8.4	14.0	10.2	10.5	9.3	13.0	9.2	-10.0	6.8	4.9	
Kansas.....	16.4	18.1	97.0	19.1	13.4	17.8	10.9	11.5	14.5	13.2	10.8	15.3	9.3	4.9	
Minnesota.....	12.3	12.2	-9.0	18.2	19.7	15.0	13.7	13.1	19.0	12.3	15.7	8.0	4.7	7.9	
Missouri.....	11.8	11.3	20.2	28.9	17.0	9.5	9.9	10.3	14.9	12.9	14.9	6.9	5.4	6.4	
Nebraska.....	11.2	10.9	6.5	18.7	2.8	14.3	12.2	11.0	18.1	12.4	15.3	9.8	2.5	6.8	
North Dakota.....	5.4	3.3	-27.9	37.9	-7	11.2	14.3	10.9	19.1	12.8	14.6	4.9	5	8.5	
South Dakota.....	11.3	10.6	7.3	24.9	-2.4	24.1	11.3	10.5	10.7	11.9	9.8	8.7	1.3	11.2	
<b>Southeast</b> .....	12.7	12.5	16.0	19.4	15.0	11.9	12.5	12.3	15.2	14.0	19.5	8.6	5.2	8.9	
Alabama.....	11.1	10.7	21.4	32.5	-4	11.5	11.0	8.8	12.5	10.6	22.7	6.4	6.0	10.4	
Arkansas.....	10.6	9.6	-4.0	18.5	13.4	10.1	11.4	9.0	16.1	13.3	19.8	8.5	3.4	6.7	
Florida.....	16.1	16.8	81.5	10.9	27.7	14.2	14.9	12.8	15.6	16.2	21.2	8.6	3.3	9.6	
Georgia.....	11.6	10.9	-8.1	12.1	6.2	12.3	11.5	12.2	16.0	12.9	15.3	8.3	7.9	8.0	
Kentucky.....	12.1	11.5	11.2	19.0	11.3	10.5	10.5	11.8	12.8	13.9	17.9	7.8	5.6	8.5	
Louisiana.....	12.4	12.3	17.4	19.1	14.2	11.5	12.4	11.9	13.9	12.9	20.1	8.2	1.0	6.4	
Mississippi.....	11.6	12.2	25.1	18.6	17.8	8.1	11.4	11.8	16.0	13.1	24.0	12.0	12.6	8.3	
North Carolina.....	11.4	11.0	-17.8	11.2	16.7	12.9	14.3	14.8	14.9	12.7	16.0	6.2	7.7	8.4	
South Carolina.....	12.2	11.9	21.7	15.8	9.8	12.2	12.1	11.9	18.1	13.3	18.2	7.4	1.9	10.4	
Tennessee.....	11.8	11.1	10.2	18.0	11.2	10.6	11.1	11.6	12.4	13.3	16.8	9.7	-7	9.8	
Virginia.....	12.5	12.5	11.8	22.1	16.5	12.3	10.5	13.2	16.4	15.9	19.0	10.5	5.1	10.0	
West Virginia.....	13.8	14.2	-12.9	18.6	17.7	14.0	15.1	12.9	21.7	12.0	12.1	1.7	6.6	6.0	
<b>Southwest</b> .....	15.1	15.8	48.3	22.2	18.5	17.7	14.0	14.9	16.7	14.7	22.5	7.3	2.6	11.0	
Arizona.....	17.1	18.1	27.2	21.5	28.5	24.7	16.1	18.6	17.5	18.1	27.0	9.8	3.9	8.5	
New Mexico.....	13.2	12.8	11.1	21.2	9.1	14.4	12.1	13.6	16.7	12.5	19.5	13.1	4.7	10.1	
Oklahoma.....	15.9	17.3	132.4	21.8	12.2	19.2	12.0	12.4	15.4	13.2	13.1	4.6	8.6	12.6	
Texas.....	14.8	15.3	37.0	22.5	18.3	16.6	14.1	14.8	16.9	14.5	22.8	6.6	9	11.4	
<b>Rocky Mountain</b> .....	13.0	12.8	-18.9	26.5	11.3	14.9	14.4	14.9	17.9	15.0	18.2	5.3	2.8	10.8	
Colorado.....	14.4	14.6	14.1	26.2	18.7	15.6	15.0	17.0	15.6	15.2	19.2	4.5	2.0	10.6	
Idaho.....	8.6	6.8	-29.3	21.3	3.8	9.1	10.6	8.3	15.3	14.6	19.0	12.9	3.9	9.0	
Montana.....	7.4	5.2	-47.8	26.3	-5.9	7.9	11.2	12.5	19.4	15.7	16.1	-5.0	-6	8.6	
Utah.....	13.9	14.0	-9	23.0	3.2	20.3	15.2	13.7	21.5	12.2	13.2	6.4	9.8	12.3	
Wyoming.....	18.1	19.9	-17.8	29.2	23.3	14.6	20.3	17.7	23.4	20.6	18.7	11.9	3.3	14.5	
<b>Far West</b> .....	13.4	13.2	10.6	17.3	19.4	16.3	12.3	15.9	12.8	15.1	20.2	9.3	4.2	3.8	
California.....	13.2	12.8	9.8	17.8	19.4	16.4	11.7	15.5	11.7	15.4	20.3	8.8	4.2	2.1	
Nevada.....	15.1	15.2	-3.1	9.3	8.2	20.3	19.5	26.5	18.8	14.1	14.6	18.8	8.3	12.7	
Oregon.....	13.2	13.0	18.8	28.4	17.0	13.6	12.1	14.1	14.3	13.2	20.7	12.0	-5.8	7.6	
Washington.....	14.8	15.2	10.4	11.7	24.0	17.4	14.4	18.6	17.7	14.4	19.7	9.2	4.2	10.4	
Alaska.....	4.6	3.3	51.3	7.7	-19.3	12.6	6.3	1.3	5.0	5.3	18.2	6.1	2.8	8.5	
Hawaii.....	13.1	13.1	59.8	-9	18.9	17.2	13.2	14.5	16.3	14.1	4.8	6.5	5.4	2.6	
By census regions															
<b>Addenda:</b>															
New England.....	11.8	11.7	9.6	3.9	11.5	12.0	11.9	16.2	10.7	12.5	16.5	10.6	4.8	7.4	
Middle Atlantic.....	10.2	9.4	-1.6	22.0	11.8	9.8	8.4	9.8	11.1	10.9	13.5	8.5	10.9	5.0	
East North Central.....	11.1	10.5	40.3	23.6	13.1	8.1	10.4	11.9	12.4	10.8	15.6	9.3	4.0	10.2	
West North Central.....	11.9	11.6	7.7	21.6	12.8	13.4	11.5	11.3	15.4	12.7	13.3	6.7	5.0	6.6	
South Atlantic.....	12.7	12.4	19.1	18.2	15.8	12.3	12.0	12.2	15.6	14.3	18.2	9.1	5.1	8.5	
East South Central.....	11.7	11.3	17.5	21.1	9.0	10.5	11.0	10.9	13.0	12.7	20.5	8.6	6.3	9.4	
West South Central.....	14.2	14.6	33.1	21.6	16.6	15.4	13.4	13.7	16.0	14.0	21.3	6.6	2.1	10.3	
Mountain.....	14.1	14.2	-6.7	24.4	14.8	17.5	14.9	16.6	17.8	15.2	20.8	8.1	3.8	10.3	
Pacific.....	13.2	12.9	12.3	15.9	18.3	16.2	12.1	15.5	12.5	15.0	20.0	8.8	4.1	3.7	

1. Consists of wage and salary disbursements, other labor income, and proprietors' income.



# County and Metropolitan Area Personal Income

**T**HIS article presents estimates of personal income for 1978 and revised estimates for earlier years for the Nation's Standard Metropolitan Statistical Areas (SMSA's), counties, and county equivalents.<sup>1</sup> Estimates for 1976 and 1977 have been revised to incorporate the routine annual revision of the national estimates. Estimates for 1973-75 have been revised to incorporate data from the 1977 Census of Governments as well as more current data for nonfarm proprietors' income.

Estimates for the years 1959, 1962, and 1965-68 that incorporate the 1976 national benchmark revisions are available for the first time. Previously, county and SMSA estimates that incorporated the benchmark revisions were available only back to 1969. Discussion of the county and SMSA benchmark revision appears in Part II of the June 1978 SURVEY OF CURRENT BUSINESS, and discussion of the benchmark revisions of the national income and product accounts appears in Part I of the January 1976 SURVEY.

Total and per capita personal income for the 273 SMSA's for 1959, 1965, 1969, 1977, and 1978, are shown in Table 1.<sup>2</sup> Total and per capita personal income for the 3,141 counties and county equivalents are shown for the same years in Table 2.<sup>3</sup>

1. These estimates supersede those presented in the April 1979 SURVEY OF CURRENT BUSINESS.

2. Included for the first time are five newly designated SMSA's: Bismarck (Burleigh and Morton Counties), North Dakota; Elkhart (Elkhart County), Indiana; Enid (Garfield County), Oklahoma; Iowa City (Johnson County), Iowa; and Las Cruces (Dona Ana County), New Mexico.

3. Separate estimates for the independent cities and certain counties of Virginia, the five counties comprising New York City, New York, and De Kalb and Fulton Counties, Georgia, are not available for 1959-68. For those years, the independent cities of Virginia are combined with the counties from which they were primarily formed; New York City appears as an aggregate; and De Kalb and Fulton Counties are combined as one unit. Menominee and Shawano Counties, Wisconsin are combined for 1959-78.

## *Definition of total and per capita personal income*

Total personal income is the current income received by residents of an area from all sources. It is measured before deduction of income and other personal taxes, but after deduction of personal contributions for social security, government retirement, and other social insurance programs. It consists of wage and salary disbursements (covering all employee earnings, including executive salaries, bonuses, commissions, payments in kind, incentive payments, and tips), various types of supplementary earnings termed "other labor income," proprietors' income, rental income of persons, dividends, personal interest income, and government and business transfer payments.

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

the same as those underlying the personal income estimates in the national income and product accounts. The major difference is in the treatment of U.S. citizens temporarily working on assignment abroad. The national estimates include not only Federal personnel—civilian and military—stationed abroad, but also—since the 1976 benchmark revisions—U.S. residents employed by private U.S. firms on temporary foreign assignment. The State and local area estimates include only persons residing in the 50 States and the District of Columbia.

Per capita personal income is computed by dividing the total personal income by midyear population estimates. Population data for July for each year are provided by the Bureau of the Census; the college student population, however, is measured as of April 1.

## Acknowledgments

The personal income estimates were prepared under the direction of Edwin J. Coleman, Chief of the Regional Economic Measurement Division. He was assisted by Jeanne S. Goodman. Tables were prepared by Eunice P. James and Kathy A. Albetski of the Regional Economic Information System Branch. Secretarial support was provided by Joan T. Jiménez.

Estimates of private nonfarm wages and salaries and other labor income were prepared under the supervision of Elizabeth H. Queen, Chief of the Regional Wage Branch. She was assisted principally by: David J. Albright, Carl J. Carlson, Sharon C. Carnevale, Carol E. Evans, Kevin O'Brien, Michael G. Pilot, William E. Reid, Jr., and Victor Sahadachny.

Estimates of farm income, government wages and salaries, government other labor income, proprietors' income, property income, transfer payments, and contributions for social insurance were prepared under the supervision of Kenneth P. Berkman, Chief of the Regional Income Branch. He was assisted principally by: Vivian G. Conklin, Gary V. Kennedy, Arthur L. Sensenig, and Andrew E. Weiser.

Residence adjustments, disclosure-avoidance and final preparation of the local area personal income accounts were performed under the supervision of David W. Cartwright, Chief of the Regional Economic Information System Branch. He was assisted principally by Wallace K. Bailey, Paul M. Levit, and Stuart A. Schwartz.

The 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 representa-

tive 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, correctional institution, or domiciliary medical facility) may show an unusually low per capita

personal income, which is not necessarily 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 labor and proprietors' income by major industry groups, as shown in Table A, are available for SMSA's and for counties for 1959, 1962, and 1965-78. 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. There is a charge of one dollar for each State, SMSA, or county table. However, charges will not exceed: \$250 for a complete set of SMSA tables, and \$1,000 for an entire set of State and county tables for the United States. The minimum charge for each request is five dollars.

A nine volume set, *Local Area Personal Income, 1973-78*, will be available by September. A national volume (volume 1) will contain personal income estimates for the United States and all the regions, States, SMSA's, and BEA economic areas. It will also include a detailed description of the sources and methods used in estimating local area personal income, as well as analytic tables, charts, and maps. Each of the eight regional volumes (volumes 2-9) will contain detailed personal income estimates for the States, SMSA's, and counties of a single region with related analytic tables, charts, maps, and a summary methodology.

Table A.—Example of Available Data for Local Areas

New London County, Connecticut	Personal income by major sources 1973-78 (thousands of dollars)					
	1973 <sup>1</sup>	1974 <sup>1</sup>	1975 <sup>2</sup>	1976 <sup>2</sup>	1977 <sup>2</sup>	1978 <sup>2</sup>
Total labor and proprietors income by place of work <sup>3</sup>						
<b>By type:</b>						
Wage and salary disbursements.....	861,633	985,420	985,213	1,082,593	1,207,015	1,254,629
Other labor income.....	57,047	71,650	75,660	95,371	114,718	118,482
Proprietors' income <sup>4</sup> .....	64,816	57,328	53,654	63,214	63,544	72,399
Farm.....	9,741	5,037	1,642	6,807	2,851	5,494
Nonfarm <sup>4</sup> .....	55,075	52,291	52,012	56,407	60,693	66,905
<b>By industry:</b>						
Farm.....	13,232	8,966	5,582	11,150	7,765	10,769
Nonfarm.....	970,264	1,105,432	1,108,945	1,230,028	1,377,512	1,434,741
Private.....						
Ag. serv., for., fish., and other <sup>5</sup> .....	718,268	825,140	815,634	929,725	1,053,666	1,080,223
Mining.....	2,269	2,644	2,533	2,539	3,341	3,818
Construction.....	463	650	706	790	858	1,050
Manufacturing.....	73,187	74,683	69,706	42,575	42,216	43,111
Nondurable goods.....	349,468	435,191	406,401	513,705	598,800	579,741
Durable goods.....	95,823	104,989	99,188	105,750	116,043	127,180
Transportation and public utilities.....	253,645	330,202	307,213	407,955	482,757	452,561
Wholesale trade.....	43,633	49,516	48,242	52,453	60,298	65,708
Retail trade.....	25,472	28,538	28,368	33,528	34,525	33,385
Finance, insurance, and real estate.....	87,377	89,933	98,602	105,547	114,832	127,255
Services.....	17,961	18,461	19,743	23,623	26,463	30,182
Government and government enterprises.....	118,388	125,524	141,333	154,965	172,333	195,973
Federal, civilian.....						
Federal, military.....	251,996	280,292	293,311	300,303	323,846	354,518
State and local.....	47,622	59,679	67,978	66,720	71,607	74,557
Federal, military.....	99,436	110,482	110,365	111,375	121,979	138,816
State and local.....	104,938	110,131	114,968	122,208	130,260	141,145
Derivation of personal income by place of residence						
Total labor and proprietors' income by place of work.....	983,496	1,114,398	1,114,527	1,241,178	1,385,277	1,445,510
Less: Personal contributions for social insurance by place of work.....	43,425	58,176	58,877	61,091	68,681	72,712
Net labor and proprietors' income by place of work.....	940,071	1,056,222	1,055,650	1,180,087	1,316,596	1,372,798
Plus: Residence adjustment.....	-30,544	-56,728	-52,361	-60,523	-83,129	-60,625
Net labor and proprietors' income by place of residence.....	909,527	999,494	1,003,289	1,119,564	1,233,467	1,312,173
Plus: Dividends, interest, and rent <sup>6</sup> .....	143,416	168,136	185,958	199,920	221,544	249,817
Plus: Transfer payments.....	122,736	144,163	183,509	201,816	217,869	235,389
Personal income by place of residence.....	1,175,679	1,311,793	1,372,756	1,521,300	1,672,880	1,797,479
Per capita personal income (dollars).....	4,904	5,473	5,640	6,236	6,867	7,353
Total population (thousands).....	239.7	239.7	243.4	243.9	243.6	244.5

1. Estimates based on 1967 SIC.

2. Estimates based on 1972 SIC.

3. 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.

4. Includes the capital consumption adjustment for non-farm proprietors.

5. Includes wages and salaries of U.S. residents working for international organizations in the United States.

6. Includes the capital consumption adjustment for rental income of persons.

Table 1.—Total Personal Income and Per Capita Personal Income by SMSA for Selected Years<sup>1</sup>

Area title	Total personal income								Per capita personal income								
	Millions of dollars					Average annual rate of growth			Dollars					Percent of U.S. average			
	1959	1965	1969	1977	1978	1959-69	1969-78	1959-78	1977-78	1959	1965	1969	1977	1978	1959	1969	1978
United States <sup>2</sup> .....	380,016	532,022	738,233	1,522,766	1,709,616	6.87	9.78	8.24	12.27	2,145	2,750	3,667	7,038	7,840	100	100	100
Sum of SMSA counties.....	303,880	425,897	591,117	1,195,276	1,338,517	6.88	9.51	8.12	11.98	2,384	3,005	3,961	7,502	8,343	111	108	106
Sum of non-SMSA counties.....	76,136	106,125	147,116	327,490	371,099	6.81	10.83	8.69	13.32	1,534	2,052	2,827	5,741	6,440	72	77	82
Abilene, TX.....	228	282	368	872	988	4.90	11.60	8.02	13.30	1,812	2,130	2,938	6,673	7,512	84	80	96
Akron, OH.....	1,392	1,868	2,541	4,603	5,096	6.20	8.04	7.07	10.71	2,307	2,873	3,757	6,985	7,756	108	102	99
Albany, GA.....	123	188	242	552	639	7.00	11.39	9.06	15.76	1,528	1,934	2,552	5,260	6,063	71	70	77
Albany-Schenectady-Troy, NY.....	1,594	2,153	2,899	5,520	6,049	6.16	8.52	7.27	9.58	2,243	2,827	3,753	6,920	7,635	105	102	97
Albuquerque, NM.....	592	789	1,045	2,655	3,027	5.85	12.54	8.37	14.01	2,218	2,450	3,147	6,610	7,405	103	96	94
Alexandria, LA.....	167	237	338	734	813	7.31	10.24	8.69	10.76	1,357	1,889	2,572	5,248	5,804	63	70	74
Allentown-Bethlehem-Easton, PA-NJ.....	1,229	1,598	2,157	4,522	5,010	5.79	9.82	7.68	10.79	2,272	2,812	3,661	7,237	8,006	106	100	102
Altoona, PA.....	224	296	336	772	849	5.86	8.84	7.26	9.97	1,642	2,155	2,922	5,751	6,328	77	80	81
Amarillo, TX.....	313	429	501	1,138	1,343	4.82	11.63	7.99	12.60	2,134	2,619	3,120	7,614	8,530	99	85	109
Anaheim-Santa Ana-Garden Grove, CA.....	1,980	3,666	5,967	14,752	17,043	11.66	12.37	12.00	15.53	2,858	3,188	4,334	8,218	9,298	133	118	119
Anchorage, AK.....	242	386	586	2,103	2,128	9.25	15.41	12.12	.90	2,950	3,551	4,755	11,592	11,839	138	130	151
Anderson, IN.....	268	384	491	963	1,058	6.24	8.90	7.49	9.87	2,156	2,986	3,572	6,977	7,656	101	97	98
Ann Arbor, MI.....	417	616	929	2,062	2,331	8.34	10.76	9.48	13.05	2,437	3,147	4,155	8,210	9,160	114	113	117
Anniston, AL.....	146	195	239	624	684	7.43	9.63	9.47	9.62	1,556	2,008	2,901	5,547	5,860	73	79	75
Appleton-Oshkosh, WI.....	496	691	956	1,977	2,211	6.78	9.76	8.18	11.84	2,170	2,731	3,534	6,854	7,610	101	96	97
Asheville, NC.....	234	343	479	997	1,114	7.43	9.83	8.56	11.74	1,625	2,179	2,963	5,902	6,490	76	81	83
Atlanta, GA.....	2,544	4,005	6,053	13,524	15,253	9.05	10.81	9.89	12.78	2,218	2,872	3,834	7,405	8,238	103	105	105
Atlantic City, NJ.....	318	459	637	1,242	1,400	7.19	9.14	8.11	12.72	1,994	2,696	3,648	6,569	7,367	93	99	94
Augusta, GA-SC.....	362	573	915	1,798	1,991	9.72	9.02	9.39	10.73	1,601	2,395	3,327	6,199	6,845	75	91	87
Austin, TX.....	455	657	1,001	3,026	3,475	9.14	13.74	11.29	14.84	1,736	2,152	3,159	6,477	7,240	81	86	93
Bakersfield, CA.....	628	896	1,080	2,506	2,728	5.57	10.84	8.04	8.86	2,187	2,789	3,319	6,970	7,469	102	91	95
Baltimore, MD.....	3,957	5,729	7,963	15,483	16,958	7.24	8.76	7.96	9.53	2,218	2,892	3,876	7,916	7,965	103	106	101
Baton Rouge, LA.....	585	811	1,180	2,954	3,346	7.27	12.28	9.61	13.27	1,982	2,424	3,180	6,758	7,526	92	87	96
Battle Creek, MI.....	334	470	656	1,290	1,430	6.98	9.04	7.95	10.85	1,972	2,776	3,714	7,063	7,791	92	101	99
Bay City, MI.....	194	286	406	922	1,022	7.66	9.54	8.55	10.29	1,827	2,609	3,494	6,927	7,581	85	95	97
Beaumont-Port Arthur-Orange, TX.....	061	849	1,138	2,651	2,934	5.58	11.10	8.16	10.68	2,035	2,507	3,285	7,274	8,052	95	90	103
Billings, MT.....	181	232	293	729	833	4.93	12.31	8.37	14.27	2,316	2,673	3,378	7,185	8,008	108	92	102
Biloxi-Gulfport, MS.....	219	317	468	948	1,056	7.89	9.46	8.63	11.39	1,591	2,193	2,958	5,425	6,013	74	81	77
Binghamton, NY-PA.....	618	784	1,085	1,961	2,177	5.79	8.04	6.85	11.01	2,192	2,646	3,590	6,413	7,176	102	98	92
Birmingham, AL.....	1,365	1,837	2,420	5,539	6,251	5.89	11.12	8.34	12.85	1,863	2,437	3,233	6,857	7,639	87	88	97
Bismarck, ND.....	94	141	184	479	569	6.95	13.36	9.94	18.79	1,749	2,305	3,031	6,486	7,601	82	83	96
Bloomington, IN.....	102	163	228	489	550	8.38	10.28	9.27	12.47	1,744	2,177	2,778	5,337	5,961	81	76	76
Bloomington-Normal, IL.....	194	280	375	840	911	6.81	10.36	8.48	8.45	2,330	3,046	3,651	7,167	7,683	100	98	98
Boise City, ID.....	210	287	401	1,162	1,348	6.68	14.42	10.28	16.01	2,284	2,819	3,632	8,017	8,823	106	99	113
Boston-Lowell-Brockton-Lawrence-Haver Hill, MA-NH.....	8,465	11,522	15,927	29,284	32,292	6.53	8.17	7.30	10.27	2,465	3,107	4,173	7,522	8,306	115	114	106
Bradenton, FL.....	100	178	290	817	945	11.23	14.03	12.55	15.67	1,484	2,160	3,081	6,502	7,315	69	84	93
Bridgeport-Stamford-Norwalk-Danbury, CT.....	2,162	3,080	4,356	7,804	8,667	7.26	7.94	7.58	11.06	3,323	4,166	5,578	9,589	10,721	155	152	137
Brownsville-Harlingen-San Benito, TX.....	173	212	277	777	891	4.82	13.86	9.01	14.67	1,164	1,451	1,997	4,400	5,024	54	54	64
Bryan-College Station, TX.....	63	98	151	417	467	9.14	13.37	11.12	11.99	1,420	2,023	2,819	5,672	6,133	66	77	78
Buffalo, NY.....	3,012	3,945	5,116	9,160	9,939	5.44	7.66	6.48	8.50	2,318	2,938	3,807	6,949	7,828	108	104	97
Burlington, VT.....	141	207	337	665	708	9.10	9.58	9.33	15.49	1,911	2,502	3,501	6,051	6,865	89	85	88
Burlington, NC.....	151	217	324	590	654	7.93	8.12	8.02	10.85	2,605	2,255	3,372	5,990	6,071	84	92	85
Canton, OH.....	767	1,044	1,424	2,712	3,040	6.38	8.79	7.52	12.09	2,132	2,744	3,636	6,751	7,530	99	97	102
Cedar Rapids, IA.....	365	481	635	1,296	1,466	5.69	9.74	7.59	13.12	2,691	3,166	3,926	7,811	8,808	125	107	116
Champaign-Urbana-Rantoul, IL.....	270	390	548	1,094	1,174	7.34	8.83	8.04	7.31	2,062	2,847	3,411	6,635	7,152	96	93	91
Charleston-N. Charleston, SC.....	405	619	938	2,182	2,461	8.76	11.31	9.96	12.79	1,472	1,965	2,809	5,686	6,327	69	77	81
Charleston, WV.....	538	686	875	1,922	2,139	4.98	10.44	7.53	11.29	1,950	2,588	3,397	7,378	8,193	91	93	105
Charlotte-Gastonia, NC.....	885	1,345	1,972	4,170	4,735	8.34	10.22	9.23	13.55	2,038	2,710	3,642	7,000	7,815	95	99	100
Chattanooga, TN-GA.....	585	852	1,182	2,549	2,885	7.29	10.42	8.76	13.18	1,745	2,428	3,199	6,409	7,197	81	87	92
Cheyenne, WY.....	126	176	210	492	568	5.24	11.69	8.25	15.45	2,157	2,875	3,774	7,653	8,817	101	103	112
Chicago, IL.....	17,820	24,047	32,123	60,313	66,734	6.07	8.46	7.20	10.65	2,892	3,568	4,642	8,587	9,493	135	127	121
Cincinnati, OH-KY-IN.....	3,038	3,952	5,284	9,933	11,201	5.69	8.71	7.11	12.77	2,408	2,939	3,838	7,198	8,064	112	105	103
Clarksville-Hopkinsville, TN-KY.....	178	246	347	824	901	6.90	11.18	8.91	9.34	1,603	2,191	2,928	5,175	6,096	75	80	78
Cleveland, OH.....	5,088	6,863	9,153	16,055	17,846	6.05	7.70	6.83	11.16	2,675	3,456	4,463	8,250	9,204	125	122	117
Colorado Springs, CO.....	322	498	795	1,831	2,031	9.46	10.98	10.18	10.92	2,259	2,738	3,426	6,264	6,969	105	93	89
Columbia, MO.....	108	159	241	577	644	8.36	11.54	9.85	11.61	1,983	2,281	3,033	6,501	7,103	92	83	91
Columbia, SC.....	436	638	1,001	2,428	2,707	8.67	11.69	10.09	11.49	1,697	2,212	3,190	6,484	7,122	79	87	91
Columbus, GA-AL.....	349	520	759	1,340	1,474	8.08	7.65	7.88	10.00	1,631	2,118	3,242	5,846	6,458	76	88	82
Columbus, OH.....	1,946	2,538	3,620	7,468	8,278	6.40	9.63	7.92	10.85	2,310	2,676	3,626	6,922	7,			

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

Area title	Total personal income									Per capita personal income							
	Millions of dollars					Average annual rate of growth				Dollars					Percent of U.S. average		
	1959	1965	1969	1977	1978	1959-69	1969-78	1959-78	1977-78	1959	1965	1969	1977	1978	1959	1969	1978
Galveston-Texas City, TX.....	285	409	575	1,413	1,604	7.27	12.07	9.52	13.52	2,067	2,578	3,368	7,245	8,099	96	92	103
Gary-Hammond-East Chicago, IN.....	1,287	1,770	2,369	4,780	5,379	6.29	9.54	7.82	12.53	2,268	2,926	3,774	7,401	8,295	106	103	106
Grand Forks, ND-MN.....	137	226	268	574	672	6.94	10.75	8.73	17.07	1,646	2,261	2,848	5,648	6,710	77	78	86
Grank Rapids, MI.....	1,047	1,435	1,988	4,021	4,614	6.62	9.81	8.12	14.75	2,284	2,885	3,725	6,961	7,885	106	102	101
Great Falls, MT.....	163	216	280	562	616	5.56	9.16	7.25	9.61	2,238	2,628	3,448	6,602	7,134	104	94	91
Greeley, CO.....	122	179	252	635	757	7.52	13.00	10.08	19.21	1,731	2,297	2,920	5,800	6,857	81	80	87
Green Bay, WI.....	251	354	505	1,131	1,279	7.24	10.88	8.95	13.09	2,035	2,523	3,319	6,472	7,183	95	91	92
Greensboro-Winston-Salem-High Point, NC.....	1,247	1,778	2,576	5,424	6,112	7.52	10.08	8.73	12.68	2,049	2,600	3,601	7,015	7,843	96	98	100
Greenville-Spartanburg, SC.....	675	992	1,439	3,289	3,704	7.86	11.08	9.37	12.62	1,660	2,282	3,089	6,158	6,846	77	84	87
Hamilton-Middletown, OH.....	431	584	788	1,655	1,811	6.22	9.69	7.85	9.43	2,173	2,740	3,522	6,617	7,064	101	96	90
Harrisburg, PA.....	818	1,072	1,477	3,171	3,506	6.09	10.08	7.96	10.56	2,217	2,712	3,631	7,400	8,158	103	99	104
Hartford-New Britain-Bristol, CT.....	2,248	3,247	4,580	8,166	9,064	7.38	7.88	7.61	11.00	2,667	3,359	4,486	7,788	8,671	124	122	111
Honolulu, HI.....	1,061	1,706	2,634	5,621	6,233	9.52	10.04	9.77	10.89	2,201	3,029	4,365	7,965	8,806	103	119	112
Houston, TX.....	3,349	4,836	7,400	20,872	24,393	8.25	14.17	11.02	16.87	2,385	2,826	3,760	8,340	9,398	111	103	120
Huntington-Ashland, WV-KY-OH.....	489	666	853	1,846	2,076	5.72	10.39	7.91	12.46	1,731	2,330	2,967	6,214	6,920	81	81	88
Huntsville, AL.....	353	643	860	1,725	1,981	9.31	9.71	9.50	14.84	1,785	2,323	3,077	5,935	6,769	83	84	86
Indianapolis, IN.....	2,346	3,296	4,421	8,646	9,645	6.54	9.05	7.72	11.55	2,511	3,223	4,046	7,531	8,342	117	110	106
Iowa City, IA.....	96	150	212	517	581	8.24	11.85	9.94	12.38	1,812	2,262	3,130	6,718	7,441	84	85	95
Jackson, MI.....	261	386	553	1,020	1,150	7.80	8.48	8.12	12.75	1,994	2,817	3,876	6,859	7,656	93	106	98
Jackson, MS.....	387	562	798	1,940	2,222	7.51	12.05	9.64	14.54	1,780	2,334	3,117	6,614	7,440	83	85	95
Jacksonville, FL.....	989	1,396	1,994	4,481	5,008	7.26	10.77	8.91	11.76	1,924	2,374	3,218	6,451	7,140	90	88	91
Janesville-Beloit, WI.....	248	356	479	961	1,070	6.80	9.34	8.00	11.34	2,212	2,906	3,690	7,173	7,960	103	101	102
Jersey City, NJ.....	1,411	1,840	2,356	4,147	4,498	5.26	7.45	6.29	8.46	2,330	2,981	3,852	7,365	8,119	109	105	104
Johnson City-Kingsport-Bristol, TN-VA.....	513	717	1,037	2,234	2,535	7.29	10.44	8.77	13.47	1,495	1,954	2,789	5,497	6,164	70	76	79
Johnstown, PA.....	436	561	739	1,677	1,808	5.42	10.45	7.77	7.81	1,566	2,088	2,795	6,528	6,826	73	76	87
Kalamazoo-Portage, MI.....	462	656	940	1,910	2,139	7.36	9.57	8.40	11.99	2,134	2,837	3,739	7,144	7,914	99	102	101
Kankakee, IL.....	181	258	350	707	778	7.00	9.08	7.98	10.04	1,987	2,704	3,671	7,349	8,056	93	100	103
Kansas City, MO-KS.....	2,656	3,678	4,983	10,138	11,291	6.49	9.51	7.91	11.37	2,426	3,106	3,973	7,828	8,524	113	108	109
Kenosha, WI.....	241	323	407	883	1,006	5.38	10.58	7.81	13.93	2,429	2,790	3,448	7,190	8,139	118	94	104
Killeen-Temple, TX.....	210	311	478	1,281	1,421	8.57	12.87	10.59	10.90	1,814	2,081	3,121	6,159	6,795	85	85	87
Knoxville, TN.....	646	888	1,216	2,747	3,115	6.53	11.02	8.63	13.40	1,737	2,237	2,986	6,128	6,835	81	81	87
Kokomo, IN.....	189	288	377	822	916	7.15	10.37	8.66	11.44	2,235	3,061	3,832	7,922	8,333	104	104	113
La Crosse, WI.....	141	194	258	560	633	6.23	10.49	8.22	13.04	1,980	2,576	3,217	6,355	7,056	92	88	90
Lafayette, LA.....	141	207	307	932	1,139	8.09	15.68	11.62	22.21	1,694	2,087	2,788	7,041	8,492	79	76	108
Lafayette-West Lafayette, IN.....	172	264	360	735	826	7.67	9.67	8.61	12.38	1,945	2,797	3,354	6,427	7,187	91	91	92
Lake Charles, LA.....	263	306	430	979	1,147	5.04	11.52	8.06	17.18	1,837	2,227	2,973	6,252	7,271	86	81	93
Lakeland-Winter Haven, FL.....	344	499	693	1,677	1,960	7.26	12.25	9.59	16.88	1,818	2,405	3,053	6,011	7,045	85	83	90
Lancaster, PA.....	628	848	1,182	2,412	2,729	6.53	9.74	8.04	13.14	2,274	2,864	3,745	6,935	7,771	106	102	99
Lansing-East Lansing, MI.....	714	1,070	1,544	3,268	3,657	7.95	10.13	8.98	11.90	2,101	2,819	3,676	7,239	7,990	98	100	102
Laredo, TX.....	70	91	142	344	389	7.33	11.85	9.45	13.08	1,098	1,218	1,896	4,032	4,529	51	52	58
Las Cruces, NM.....	101	144	180	432	484	5.95	11.62	8.60	12.04	1,749	2,086	2,603	5,094	5,675	82	71	72
Las Vegas, NV.....	354	744	1,137	2,873	3,387	12.38	12.89	12.62	17.89	2,851	3,138	4,250	7,959	8,989	133	116	115
Lawrence, KS.....	80	114	160	366	409	7.18	10.99	8.97	11.75	1,851	2,118	2,803	5,757	6,277	86	76	80
Lawton, OK.....	155	208	335	608	671	8.01	8.02	8.02	10.36	1,738	2,165	2,966	5,183	5,596	81	81	71
Lewiston-Auburn, ME.....	153	205	291	564	629	6.64	8.94	7.72	11.52	1,794	2,273	3,203	5,881	6,565	84	87	84
Lexington-Fayette, KY.....	402	618	902	1,968	2,212	8.42	10.48	9.39	12.40	1,921	2,554	3,464	6,674	7,379	90	94	94
Lima, OH.....	378	516	740	1,461	1,644	6.95	9.27	8.04	12.53	1,925	2,538	3,549	6,913	7,768	90	97	99
Lincoln, NE.....	345	480	632	1,384	1,537	6.24	10.38	8.18	11.05	2,248	2,909	3,819	7,535	8,257	105	104	105
Little Rock-North Little Rock, AR.....	527	782	1,085	2,495	2,905	7.49	11.01	9.14	11.30	1,970	2,564	3,404	6,745	7,377	92	93	94
Long Branch-Asbury Park, NJ.....	809	1,293	1,836	3,869	4,318	9.12	9.32	9.21	11.61	2,440	3,148	4,292	7,819	8,639	114	117	110
Longview-Marshall, TX.....	193	271	376	901	1,042	6.90	11.99	9.28	15.65	1,713	2,443	3,231	6,852	7,799	80	88	99
Lorain-Elyria, OH.....	477	644	926	1,923	2,132	6.86	9.71	8.20	10.87	2,201	2,667	3,646	7,175	7,861	103	99	100
Los Angeles-Long Beach, CA.....	16,451	23,460	31,419	58,540	66,552	6.68	8.70	7.63	13.11	3,449	4,495	5,884	9,399	10,229	123	120	120
Louisville, KY-IN.....	1,615	2,219	3,181	6,393	7,150	7.01	9.42	8.14	11.84	2,169	2,742	3,715	7,219	8,058	101	101	103
Lubbock, TX.....	291	407	583	1,315	1,452	6.24	11.78	8.83	10.42	1,839	2,272	3,180	6,203	6,957	76	87	89
Lynchburg, VA.....	196	297	423	1,025	1,029	8.00	10.88	9.12	13.70	1,650	2,242	3,118	6,155	6,574	77	85	84
Macon, GA.....	319	475	700	1,483	1,598	8.18	9.60	8.85	7.75	1,512	2,087	2,875	7,318	8,005	117	106	102
Madison, WI.....	549	772	1,084	2,290	2,554	7.04	9.99	8.43	11.53	2,512	2,987	3,875	7,318	8,005	117	106	102
Manchester-Nashua, NH.....	407	579	852	1,785	2,037	6.67	10.17	8.85	14.12	2,327	2,862	3,852	7,000	7,835	108	105	100
Mansfield, OH.....	263	344	475	1,088	1,212	7.09	8.23	7.10	9.01	2,239	2,764	3,681	6,821	7,432	104	100	95
McAllen-Pharr-Edinburg, TX.....	152	225	298	617	1,019	6.96	14.64	10.53	11.12	858	1,202	1,664	3,920	4,323	40	45	55
Melbourne-Titusville-Cocoa, FL.....	256	583	874	1,493	1,722	13.06	7.83	10.55	15.34	2,366	3,121	3,992	6,517	7,347	110	109	94
Memphis, TN-AR-MS.....	1,287	1,840	2,622	5,700	6,427	7.38	10.48	8.83	12.75	1,794	2,331	3,177	6,481	7,231	84	87	92
Miami, FL.....	2,082	3,125	4,011	11,013	12,433	9.18	10.62	9.86	12.89	2,293	2,825	4,010	7,628	8,567	107	109	109
Midland, TX.....	165	213	261	671	787	4.69	13.05	8.57	17.29	2,489	3,284	4,133	9,262	10,658	116	113	136
Milwaukee, WI.....	3,363	4,442	5,794	11,129	12,452	5.59	8.87	7.13	11.89	2,671	3,281	4,153	7,847	8,786	125	113	112
Minneapolis-St. Paul, MN-WI.....	3,956	5,631	8,173	16,305	18,404	7.53	9.44	8.43	12.87	2,511	3,170	4,235	7,974	8,921	117	115	114
Mobile, AL.....	570	800	1,013	2,460	2,752	5.92	11.75	8.64	11.87	1,599	2,032	2,702	5,787	6,322	75	74	81
Monroeville, PA.....	349	491	660	1,697	1,947	6.58	12.77	9.47	14.73	2,255	2,771	3,453	7,067	7,913	105	94	101
Monroe, LA.....	162	224	313	717	825	6.81</											

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

Area title	Total personal income									Per capita personal income							
	Millions of dollars					Average annual rate of growth				Dollars					Percent of U.S. average		
	1959	1965	1969	1977	1978	1959-69	1969-78	1959-78	1977-78	1959	1965	1969	1977	1978	1959	1969	1978
Panama City, FL	97	132	191	493	552	7.01	12.52	9.58	11.97	1,484	1,860	2,587	5,394	5,994	69	71	76
Parkersburg-Marietta, WV-OH	254	347	462	987	1,123	6.16	10.37	8.14	13.78	1,892	2,515	3,156	6,426	7,118	88	86	91
Pascagoula-Moss Point, MS	111	158	240	680	725	8.02	13.07	10.38	6.62	2,033	2,146	2,823	5,962	6,154	95	77	78
Paterson-Clifton-Passaic, NJ	985	1,372	1,878	3,355	3,690	6.67	7.79	7.20	9.99	2,444	3,093	4,074	7,457	8,297	114	111	106
Pensacola, FL	331	476	693	1,493	1,648	7.67	10.10	8.82	10.38	1,678	2,082	2,899	5,405	5,981	78	79	76
Peoria, IL	734	1,020	1,334	2,958	3,357	6.16	10.80	8.33	13.49	2,365	3,160	3,920	8,275	9,309	110	107	119
Petersburg-Colonial Heights-Hopewell, VA <sup>3</sup>	154	224	414	812	900	-----	9.01	-----	10.84	1,596	2,074	3,179	6,379	7,054	74	87	90
Philadelphia, PA-NJ	10,841	14,312	19,394	35,483	38,938	5.99	8.05	6.96	9.74	2,516	3,104	4,066	7,401	8,162	117	111	104
Phoenix, AZ	1,328	2,157	3,405	8,964	10,565	9.87	13.41	11.53	17.86	2,068	2,532	3,599	7,112	8,170	96	98	104
Pine Bluff, AR	118	171	225	489	557	6.67	10.60	8.51	13.91	1,472	2,014	2,638	5,743	6,485	69	72	83
Pittsburgh, PA	5,407	6,879	8,987	17,208	18,917	5.21	8.62	6.81	9.93	2,265	2,880	3,743	7,492	8,307	106	102	106
Pittsfield, MA	303	408	563	976	1,070	6.39	7.40	6.87	9.63	2,146	2,803	3,778	6,778	7,442	100	103	95
Portland, ME	435	558	748	1,545	1,730	5.57	9.76	7.54	11.97	2,143	2,608	3,479	6,150	7,408	100	95	94
Portland, OR-WA	1,963	2,819	3,935	9,078	10,420	7.20	11.43	9.18	14.78	2,419	3,115	3,950	8,620	9,140	113	108	117
Poughkeepsie, NY	408	595	864	1,727	1,904	7.79	9.18	8.45	10.25	2,330	2,914	3,952	7,366	8,163	109	108	104
Providence-Warwick-Pawtucket, RI	1,663	2,261	3,077	5,812	6,408	6.35	8.49	7.36	10.25	2,145	2,794	3,663	6,799	7,514	100	100	96
Provo-Orem, UT	159	250	321	668	988	7.28	13.31	10.09	13.82	1,522	2,100	2,388	4,334	5,331	71	65	68
Pueblo, CO	199	271	353	805	898	5.90	10.93	8.25	11.55	1,717	2,307	3,004	6,535	7,091	80	82	94
Racine, WI	335	479	636	1,270	1,433	6.62	9.45	7.95	12.83	2,398	2,884	3,737	7,210	8,392	112	102	103
Raleigh-Durham, NC	569	918	1,413	3,364	3,805	9.52	11.64	10.52	13.11	1,793	2,483	3,453	6,955	7,708	84	94	98
Rapid City, SD	144	186	236	546	619	5.06	11.31	7.98	13.37	2,098	2,276	3,051	6,100	6,832	98	83	87
Reading, PA	643	827	1,122	2,228	2,478	5.72	9.20	7.36	11.22	2,352	2,906	3,810	7,358	8,110	100	104	103
Reno, NV	224	423	552	1,503	1,822	8.96	14.19	11.41	21.22	2,828	3,734	4,664	7,524	8,161	132	127	142
Richland-Kennewick-Pasco, WA	190	244	325	922	1,125	5.51	14.79	9.81	22.02	2,245	2,912	3,585	7,947	8,789	105	98	112
Richmond, VA <sup>3</sup>	1,093	1,644	2,179	4,771	5,366	-----	10.53	-----	12.47	2,328	3,081	4,078	7,907	8,772	109	109	112
Riverside-San Bernardino-Ontario, CA	1,657	2,548	3,787	8,829	10,242	8.62	11.69	10.06	16.00	2,060	2,472	3,474	6,738	7,393	97	92	94
Roanoke, VA	331	481	684	1,464	1,638	7.53	10.19	8.78	11.89	1,860	2,445	3,385	6,875	7,582	87	82	99
Rochester, MN	139	214	307	697	790	8.25	11.07	9.58	13.34	2,152	2,856	3,736	7,633	8,562	100	102	109
Rochester, NY	2,072	2,931	4,080	7,448	8,143	7.01	7.98	7.47	9.35	2,603	3,280	4,306	7,632	8,596	121	117	107
Rockford, IL	593	810	1,079	2,052	2,335	6.17	8.96	7.48	13.79	2,604	3,282	4,019	7,448	8,671	121	110	111
Sacramento, CA	1,583	2,228	2,940	6,725	7,614	6.39	11.15	8.62	13.22	2,572	2,943	3,749	7,250	8,007	120	102	102
Saginaw, MI	402	582	790	1,729	1,914	6.99	10.33	8.56	10.70	2,125	2,790	3,600	7,604	8,407	99	98	107
St. Cloud, MN	162	225	342	837	952	7.76	12.05	9.77	13.74	1,485	1,908	2,685	5,325	5,928	69	73	76
St. Joseph, MO	202	256	325	625	687	4.87	8.67	6.65	9.92	2,015	2,452	3,241	6,238	6,864	94	88	88
St. Louis, MO-IL	5,178	7,135	9,326	17,711	19,686	6.06	8.66	7.28	11.15	2,447	3,168	3,941	7,427	8,251	114	107	105
Salem, OR	275	408	586	1,504	1,715	7.86	12.67	10.11	14.03	1,893	2,345	3,195	6,860	7,592	88	87	97
Salinas-Seaside-Monterey, CA	502	695	1,001	2,245	2,666	7.15	11.50	9.19	18.75	2,571	3,080	3,924	8,109	9,666	120	107	123
Salt Lake City-Ogden, UT	1,185	1,691	2,221	5,281	6,031	6.48	11.74	8.94	14.20	2,105	2,548	3,178	6,434	7,159	98	87	91
San Angelo, TX	112	158	216	531	607	6.79	12.17	9.30	14.31	1,769	2,230	3,019	6,921	7,859	82	82	100
San Antonio, TX	1,286	1,810	2,746	6,138	6,899	7.88	10.78	9.24	12.40	1,780	2,208	3,123	6,000	6,648	83	85	85
San Diego, CA	2,364	3,400	5,221	12,114	13,857	8.25	11.46	9.75	14.39	2,325	2,902	3,893	7,187	7,947	108	106	101
San Francisco-Oakland, CA	7,782	11,276	15,013	29,691	33,404	6.79	9.29	7.97	12.51	2,986	3,787	4,861	9,346	10,492	139	133	134
San Jose, CA	1,718	3,019	4,544	10,477	12,040	10.22	11.43	10.79	14.92	2,719	3,335	4,397	8,610	9,771	127	120	125
Santa Barbara-Santa Maria-Lompoc, CA	517	758	1,040	2,231	2,575	7.24	10.60	8.82	15.42	3,111	3,048	3,970	7,727	8,819	145	108	112
Santa Cruz, CA	225	334	447	1,161	1,345	7.11	13.02	9.87	15.85	2,720	3,072	3,659	6,826	7,762	127	100	99
Santa Rosa, CA	361	517	738	1,861	2,144	7.41	12.58	9.83	15.21	2,487	2,817	3,672	7,024	7,820	116	100	100
Sarasota, FL	149	281	492	1,405	1,624	12.69	14.19	13.40	15.59	1,991	2,869	4,277	8,339	9,310	93	117	119
Savannah, GA	323	440	659	1,327	1,481	7.39	9.41	8.34	11.61	1,609	2,111	3,199	6,105	6,777	75	87	86
Seattle-Everett, WA	2,965	4,065	6,200	12,169	14,063	7.66	9.53	8.54	15.56	2,708	3,396	4,412	8,467	9,582	126	120	122
Sherman-Denison, TX	128	170	257	617	722	7.22	10.22	8.63	16.42	1,779	2,246	3,103	6,303	7,297	83	85	93
Shreveport, LA	577	765	1,027	2,235	2,501	5.94	10.39	8.02	11.90	1,825	2,340	3,072	6,287	7,020	85	84	90
Sioux City, IA-NE	245	315	401	945	1,055	5.05	9.99	7.36	13.31	2,060	2,825	3,455	6,931	7,907	96	94	101
Sioux Falls, SD	151	230	327	728	829	8.03	10.89	9.38	13.87	1,776	2,354	3,450	7,111	8,040	83	94	103
South Bend, IN	595	787	1,027	1,940	2,164	5.61	8.63	7.03	11.55	2,220	2,890	3,678	6,970	7,705	103	100	98
Spokane, WA	554	701	982	2,152	2,449	5.89	10.69	8.14	13.80	2,014	2,612	3,564	6,874	7,665	94	97	98
Springfield, IL	362	509	692	1,500	1,633	6.59	10.01	8.25	8.87	2,343	3,136	4,073	8,118	8,847	109	111	113
Springfield, MO	265	353	521	1,185	1,344	6.99	11.10	8.92	13.42	1,939	2,254	3,125	6,143	6,566	90	85	84
Springfield, OH	322	460	646	1,203	1,331	7.21	8.36	7.75	10.64	2,008	2,646	3,504	6,580	7,267	94	96	93
Springfield-Chicopee-Holyoke, MA	1,174	1,587	2,120	3,807	4,179	6.09	7.83	6.91	9.77	2,217	2,800	3,660	6,461	7,117	103	100	91
Steubenville-Weirton, OH-WV	455	645	849	1,875	2,175	4.20	9.81	6.82	8.51	2,176	2,740	3,321	7,174	7,870	101	91	100
Stockton, CA	561	797	1,054	2,323	2,598	6.51	10.54	8.40	11.84	2,282	2,912	3,700	7,569	8,296	106	101	106
Syracuse, NY	1,305	1,730	2,267	4,236	4,671	5.68	8.36	6.94	10.27	2,329	2,846	3,588	6,503	7,191	109	98	92
Tacoma, WA	703	941	1,532	3,017	3,444	8.10	9.42	9.72	14.15	2,210	2,710	3,778	7,079	7,881	103	103	101
Tallahassee, FL	110	177	287	799	889	10.06	13.39	11.63	11.26	1,430	1,927	2,708	5,823	6,351	67	74	81
Tampa-St. Petersburg, FL	1,535	2,262	3,479	8,903	10,120	8.53	12.60	10.44	13.67	1,954	2,376	3,263	6,481	7,248	91	89	92
Terre Haute, IN	281	402	544	1,082	1,201	6.83	9.20	7.94	11.00	1,653	2,412	3,092	6,210	6,905	77	84	88
Texarkana, TX-Texarkana, AR	133	202	343	693	787	9.94	9.67	9.81	13.56	1,344	1,967	3,131	5,843	6,628	63	85	85
Toledo, OH-MI	1,562	2,077	2,874	5,677	6,276	6.29	9.07	7.59	10.55	2,256	2,867	3,807	7,333	8,090	105	104	103
Topeka, KS	355	481	651	1,328	1,485	6.25	9.60	7.82	11.82	2,165	2,744	3,629	7,244	7,961	101	99	102
Trenton, NJ	634	896	1,234	2,448	2,												

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years<sup>1</sup>

Area title	Total personal income									Per capita personal income							
	Millions of dollars					Average annual rate of growth				Dollars					Percent of U.S. average		
	1959	1965	1969	1977	1978	1959-69	1969-78	1959-78	1977-78	1959	1965	1969	1977	1978	1959	1969	1978
United States.....	380,016	532,022	738,233	1,522,766	1,709,616	6.87	9.78	8.24	12.27	2,145	2,750	3,667	7,038	7,840	100	100	100
Sum of SMSA counties.....	303,880	425,897	591,117	1,195,276	1,338,519	6.88	9.51	8.12	11.98	2,384	3,005	3,961	7,502	8,343	111	108	106
Sum of non-SMSA counties.....	76,136	106,125	147,116	327,490	371,097	6.81	10.83	8.69	13.32	1,534	2,052	2,827	5,741	6,440	72	77	82
<b>Alabama.....</b>	<b>4,741</b>	<b>6,764</b>	<b>9,272</b>	<b>20,867</b>	<b>23,668</b>	<b>6.94</b>	<b>10.97</b>	<b>8.83</b>	<b>13.42</b>	<b>1,480</b>	<b>1,965</b>	<b>2,695</b>	<b>5,654</b>	<b>6,325</b>	<b>69</b>	<b>73</b>	<b>81</b>
Sum of SMSA counties.....	3,297	4,680	6,242	14,138	15,953	6.59	10.99	8.65	12.84	1,692	2,204	2,971	6,192	6,877	79	81	88
Sum of non-SMSA counties.....	1,444	2,084	3,031	6,730	7,715	7.69	10.94	9.22	14.65	1,150	1,579	2,263	4,781	5,425	54	62	69
Autauga.....	24	42	61	146	168	9.86	11.85	10.80	15.09	1,301	1,852	2,434	5,036	5,753	61	66	73
Baldwin.....	64	101	150	398	453	8.80	13.10	10.82	13.84	1,337	1,857	2,628	5,546	6,136	62	72	78
Barbour.....	24	33	50	112	128	7.62	11.05	9.23	14.55	989	1,326	2,096	4,457	5,104	46	57	65
Bibb.....	13	19	28	68	79	7.78	12.02	9.77	15.19	953	1,260	1,893	4,663	5,380	44	52	69
Blount.....	27	42	59	142	163	8.01	11.89	9.83	14.60	1,097	1,601	2,240	4,283	4,846	51	61	62
Bullock.....	10	14	22	51	59	8.53	11.64	9.99	14.70	728	1,039	1,735	4,411	5,021	34	47	64
Butler.....	25	32	45	89	105	6.09	9.72	7.80	17.84	1,043	1,354	1,997	4,132	4,822	49	54	62
Calhoun.....	146	195	299	624	684	7.39	9.64	8.45	9.60	1,556	2,008	2,901	5,547	5,860	73	79	75
Chambers.....	50	68	92	200	218	6.28	10.12	8.08	9.13	1,343	1,825	2,422	5,370	5,803	63	66	74
Cherokee.....	16	24	36	79	93	8.49	10.98	9.67	17.08	1,008	1,514	2,290	4,428	5,144	47	62	66
Chilton.....	27	39	56	126	143	7.65	10.97	9.21	13.25	1,060	1,553	2,100	4,432	4,896	49	57	62
Choctaw.....	16	23	29	69	77	6.01	11.57	8.61	11.84	917	1,210	1,563	3,957	4,549	43	43	58
Clarke.....	27	40	58	128	143	7.70	10.66	9.09	12.16	1,086	1,472	2,050	4,561	5,121	51	56	65
Clay.....	14	20	28	57	66	7.18	10.26	8.63	15.57	1,134	1,591	2,110	4,309	4,796	53	58	61
Cleburne.....	11	17	25	53	59	9.12	9.74	9.41	11.38	995	1,596	2,292	4,494	4,950	46	63	63
Coffee.....	37	58	90	203	236	9.18	11.36	10.21	16.11	1,242	1,874	2,483	5,630	6,596	58	68	84
Colbert.....	78	102	132	298	336	5.38	10.91	7.97	12.73	1,716	2,049	2,598	5,925	6,710	80	71	86
Conecuh.....	15	20	29	60	73	6.58	10.73	8.53	21.25	889	1,172	1,761	3,917	4,602	41	48	59
Coosa.....	10	15	21	47	54	7.84	10.89	9.27	14.31	957	1,399	1,944	4,259	4,806	45	53	61
Covington.....	44	62	84	175	200	6.77	10.15	8.36	14.27	1,247	1,714	2,392	4,998	5,698	58	65	73
Crenshaw.....	13	17	26	55	65	7.61	10.57	9.00	18.20	868	1,222	1,906	3,909	4,584	40	52	58
Cullman.....	47	80	127	298	349	10.38	11.88	11.09	17.15	1,060	1,624	2,444	5,007	5,802	49	67	74
Dale.....	48	81	146	197	221	11.74	4.70	8.35	12.09	1,579	2,467	3,932	4,509	4,775	74	80	61
Dallas.....	72	98	135	259	275	6.53	8.20	7.32	6.26	1,292	1,700	2,397	4,624	5,177	60	65	66
De Kalb.....	44	61	94	219	259	7.78	12.00	9.76	18.53	1,088	1,447	2,199	4,409	5,128	51	60	65
Elmore.....	36	53	78	199	228	8.08	12.73	10.26	14.87	1,192	1,596	2,357	4,876	5,515	56	64	70
Escambia.....	41	56	80	184	205	6.97	11.10	8.91	11.53	1,233	1,586	2,321	5,121	5,741	57	63	73
Etowah.....	132	187	259	555	632	7.02	10.41	8.61	13.87	1,384	2,014	2,818	5,731	6,415	65	77	82
Fayette.....	15	24	35	86	100	8.66	12.40	10.41	15.88	964	1,370	2,069	5,223	5,972	45	56	76
Franklin.....	24	37	55	126	148	8.51	11.59	9.96	16.96	1,129	1,548	2,356	4,695	5,487	53	64	70
Geneva.....	24	36	52	110	132	8.01	10.95	9.39	19.63	1,097	1,641	2,543	4,634	5,462	51	69	70
Greene.....	9	12	16	35	42	5.33	11.47	8.20	21.55	705	814	1,209	3,341	4,019	33	33	51
Hale.....	16	19	27	57	66	4.89	10.65	7.58	16.50	859	1,018	1,433	3,656	4,278	40	39	55
Henry.....	13	19	28	75	84	8.04	12.96	10.34	11.64	863	1,307	1,974	4,952	5,407	40	54	69
Houston.....	71	104	154	406	460	8.11	12.88	10.35	13.23	1,423	1,911	2,743	5,787	6,432	66	75	82
Jackson.....	41	63	88	264	307	7.97	14.92	11.21	15.99	1,132	1,656	2,331	5,452	6,150	53	64	78
Jefferson.....	1,648	1,648	2,133	4,679	5,271	5.63	10.57	7.94	12.65	1,981	2,593	3,396	7,175	8,020	92	93	102
Lamar.....	16	22	30	79	93	6.50	13.37	9.70	17.57	1,139	1,586	1,978	5,079	5,950	53	54	76
Lauderdale.....	91	129	183	438	502	7.27	11.86	9.42	14.69	1,501	1,925	2,719	5,806	6,515	70	74	83
Lawrence.....	23	34	53	120	137	8.71	11.14	9.85	14.30	958	1,252	1,936	4,147	4,643	45	53	59
Lee.....	59	93	147	361	412	9.46	12.17	10.73	14.19	1,217	1,681	2,624	5,201	5,842	57	72	75
Limestone.....	43	66	91	200	236	7.77	11.11	9.34	17.86	1,207	1,609	2,195	4,600	5,387	56	60	69
Lowndes.....	12	16	21	48	61	6.08	12.40	9.03	26.99	784	1,031	1,423	3,540	4,448	37	39	57
Macon.....	29	37	51	105	116	5.84	9.65	7.63	10.38	1,099	1,516	1,975	3,956	4,360	51	54	55
Madison.....	248	482	632	1,210	1,378	9.83	9.04	9.45	13.83	2,151	2,663	3,465	6,483	7,361	100	94	94
Marengo.....	25	35	50	101	117	7.20	9.81	8.43	15.78	947	1,253	1,807	4,255	4,932	44	49	63
Marion.....	24	35	53	128	148	8.17	11.95	9.94	15.25	1,138	1,503	2,211	4,789	5,478	53	60	70
Marshall.....	63	95	136	315	368	8.05	11.69	9.76	16.83	1,330	1,733	2,462	5,205	5,956	62	67	76
Mobile.....	505	699	863	2,099	2,299	5.50	11.50	8.30	11.53	1,640	2,060	2,715	5,836	6,361	76	74	81
Monroe.....	23	32	43	95	126	6.30	12.71	9.29	31.94	1,061	1,443	1,949	4,317	5,492	49	53	70
Montgomery.....	298	412	543	1,220	1,385	6.20	10.96	8.42	13.49	1,795	2,445	3,320	6,610	7,379	84	91	94
Morgan.....	102	154	222	479	545	8.05	10.49	9.20	13.89	1,728	2,093	3,000	5,654	6,354	81	82	81
Perry.....	15	18	27	48	62	6.22	9.89	7.94	30.87	885	1,024	1,492	3,562	4,589	40	41	59
Pickens.....	22	28	40	95	105	6.12	11.46	8.62	11.32	1,019	1,323	1,945	4,449	4,835	48	53	62
Pike.....	27	38	57	127	149	7.70	11.28	9.38	16.64	1,062	1,459	2,314	4,470	5,320	50	63	70
Randolph.....	21	29	39	89	102	6.47	11.41	8.78	15.11	1,078	1,520	2,053	4,740	5,389	50	56	69
Russell.....	51	71	101	218	244	7.14	10.32	8.64	12.18	1,114	1,463	2,179	4,647	5,244	52	59	67
St. Clair.....	29	43	63	175	199	8.24	13.57	10.73	13.62	1,153	1,628	2,280	4,892	5,432	54	62	69
Shelby.....	38	61	92	298	348	9.38	15.89	12.41	16.69	1,195	1,769	2,566	5,500	5,998	56	70	77
Sumter.....	16	20	29	64	77	6.17											



Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years 1—Continued

Area title	Total personal income										Per capita personal income							
	Millions of dollars					Average annual rate of growth					Dollars					Percent of U.S. average		
	1959	1965	1969	1977	1978	1959-69	1969-78	1959-78	1977-78	1959	1965	1969	1977	1978	1959	1969	1978	
Matanuska-Susitna.....	8	14	22	131	146	10.82	23.19	16.52	11.20	1,562	2,278	3,474	8,900	9,055	73	95	115	
Nome.....	6	10	15	46	47	9.61	13.73	11.54	1.00	973	1,600	2,575	6,609	7,025	45	70	90	
Outer Ketchikan.....	3	3	5	14	15	6.36	13.86	9.85	6.98	1,772	2,082	2,823	7,724	10,859	83	77	139	
Prince of Wales.....	3	4	8	22	23	12.06	11.75	11.91	8.74	1,519	2,181	4,031	7,666	7,025	71	110	90	
Seward.....	4	7	8	29	31	7.21	15.72	11.16	4.82	1,412	3,445	3,564	9,905	10,074	66	97	128	
Sitka.....	12	18	26	83	88	7.83	14.46	10.92	6.88	1,980	2,523	4,409	10,804	11,755	92	120	150	
Skagway-Yakutat.....	4	5	8	20	22	7.81	12.51	10.01	8.41	2,111	2,728	3,641	7,243	7,101	98	99	91	
Southeast Fairbanks.....	6	9	13	39	38	7.22	12.65	9.76	-2.49	1,809	2,435	3,200	7,378	7,848	84	87	100	
Upper Yukon.....	2	4	7	19	17	14.00	11.11	12.62	-9.11	1,621	3,630	5,428	11,895	12,389	76	148	158	
Valdez-Chitina-Whittier.....	5	7	11	113	57	8.20	20.61	13.91	-49.42	1,715	2,486	3,591	13,767	7,701	80	98	98	
Wade Hampton.....	2	4	5	14	14	10.77	11.61	11.17	3.29	617	850	1,360	2,815	3,013	29	37	38	
Wrangell-Petersburg.....	9	14	19	53	59	7.77	13.62	10.50	10.95	2,152	3,018	3,797	9,137	10,292	100	104	131	
Yukon-Koyukuk.....	8	10	13	55	63	5.31	19.52	11.82	13.59	1,854	2,177	2,753	9,410	11,658	86	75	149	
<b>Arizona</b> .....	<b>2,407</b>	<b>3,693</b>	<b>5,751</b>	<b>14,914</b>	<b>17,383</b>	<b>9.10</b>	<b>13.06</b>	<b>10.97</b>	<b>16.56</b>	<b>1,909</b>	<b>2,332</b>	<b>3,311</b>	<b>6,471</b>	<b>7,385</b>	<b>89</b>	<b>90</b>	<b>94</b>	
Sum of SMSA counties.....	1,853	2,902	4,549	11,797	13,784	9.40	13.11	11.14	16.85	2,059	2,491	3,524	6,882	7,855	96	96	100	
Sum of non-SMSA counties.....	554	791	1,202	3,117	3,599	8.04	12.96	10.34	15.45	1,535	1,889	2,695	5,279	6,008	72	73	77	
Apache.....	26	43	65	170	206	9.66	13.73	11.57	20.83	873	1,253	1,891	3,631	4,240	41	52	54	
Cochise.....	118	188	281	403	459	6.37	10.92	8.50	13.92	1,830	2,104	2,988	5,296	5,972	85	81	76	
Coconino.....	57	85	128	337	388	8.34	13.13	10.58	15.23	1,417	1,718	2,654	5,175	5,889	66	72	75	
Gila.....	33	45	71	190	222	8.08	13.47	10.60	16.54	1,313	1,622	2,464	5,654	6,302	61	67	80	
Graham.....	18	24	36	88	99	7.45	11.88	9.53	12.60	1,295	1,519	2,231	4,355	5,094	60	61	65	
Greenlee.....	18	23	33	71	84	6.38	10.85	8.47	18.52	1,616	2,228	3,278	6,291	7,229	75	89	92	
Maricopa.....	1,328	2,157	3,405	8,964	10,565	9.87	13.41	11.53	17.85	2,068	2,532	3,599	7,112	8,170	96	98	104	
Mohave.....	19	30	81	236	286	15.53	15.05	15.30	21.17	2,554	2,568	3,295	5,839	6,912	119	90	88	
Navajo.....	43	68	96	299	355	8.24	15.64	11.68	18.58	1,182	1,555	2,063	4,921	5,707	55	56	73	
Pima.....	524	745	1,144	2,832	3,219	8.12	12.18	10.02	13.66	2,038	2,379	3,317	6,243	6,973	95	90	89	
Pinal.....	80	122	191	464	519	7.91	11.74	9.71	11.82	1,471	1,914	2,838	5,344	5,933	69	77	76	
Santa Cruz.....	15	25	37	95	106	7.44	12.31	9.72	11.17	1,732	1,836	2,713	5,279	5,825	81	74	74	
Yavapai.....	53	74	108	337	386	7.37	15.22	11.02	14.71	1,893	2,284	3,016	5,931	6,632	88	82	85	
Yuma.....	82	124	174	424	487	7.77	12.09	9.80	14.64	1,840	2,220	2,913	5,733	6,614	86	79	84	
<b>Arkansas</b> .....	<b>2,394</b>	<b>3,470</b>	<b>4,914</b>	<b>11,653</b>	<b>13,380</b>	<b>7.46</b>	<b>11.77</b>	<b>9.48</b>	<b>14.83</b>	<b>1,363</b>	<b>1,832</b>	<b>2,569</b>	<b>5,134</b>	<b>6,121</b>	<b>64</b>	<b>70</b>	<b>78</b>	
Sum of SMSA counties.....	1,026	1,519	2,175	5,984	6,762	7.80	11.44	9.51	13.35	1,678	2,171	3,002	6,416	6,433	78	82	87	
Sum of non-SMSA counties.....	1,368	1,951	2,740	6,569	7,618	7.19	12.03	9.46	15.97	1,195	1,634	2,305	4,965	5,669	56	63	72	
Arkansas.....	36	52	70	148	180	6.69	11.11	8.76	21.75	1,588	2,144	2,978	6,246	7,369	74	81	94	
Ashley.....	32	42	58	136	154	6.19	11.37	8.62	13.51	1,344	1,695	2,338	5,230	5,825	63	64	74	
Baxter.....	13	23	42	139	157	12.28	15.67	13.87	12.72	1,361	1,853	2,864	5,603	6,218	63	78	79	
Benton.....	50	80	133	399	478	10.31	15.12	12.56	18.39	1,400	1,767	2,707	6,218	7,114	65	74	91	
Boone.....	22	34	51	137	158	8.78	13.94	10.92	14.75	1,889	1,947	2,712	5,749	6,433	65	74	82	
Bradley.....	15	20	29	65	75	6.72	11.12	8.79	15.32	1,096	1,520	2,241	5,014	5,903	51	61	75	
Calhoun.....	5	7	12	24	27	8.24	9.52	8.84	12.70	905	1,279	2,089	4,356	4,787	42	57	61	
Carroll.....	16	21	32	78	92	7.40	12.59	9.83	18.06	1,402	1,800	2,597	5,325	6,208	65	71	79	
Chicot.....	13	23	33	71	80	6.55	10.77	8.30	13.56	1,943	1,192	1,816	4,050	4,770	44	50	61	
Clark.....	24	35	48	109	126	7.16	11.94	9.12	15.82	1,168	1,573	2,231	4,977	5,909	54	61	75	
Clay.....	22	31	42	98	117	6.78	12.08	9.26	19.42	1,044	1,575	2,206	4,855	5,916	49	60	75	
Cleburne.....	9	14	21	67	79	9.07	15.81	12.21	17.96	999	1,537	2,075	4,404	5,089	47	57	64	
Cleveland.....	7	9	13	31	36	6.80	11.91	9.19	14.63	992	1,316	1,969	4,648	5,125	46	54	65	
Columbia.....	33	47	63	136	155	6.48	10.60	8.41	14.11	1,287	1,782	2,403	5,191	5,899	60	66	74	
Conway.....	17	27	40	88	99	8.79	10.53	9.61	12.85	1,144	1,762	2,425	4,815	5,945	53	66	68	
Craighead.....	67	93	133	337	384	7.09	12.54	9.63	13.93	1,438	1,819	2,564	5,548	6,186	67	70	79	
Crawford.....	27	39	55	154	181	7.27	14.08	10.44	17.45	1,305	1,459	2,180	4,623	5,405	61	59	69	
Crittenden.....	55	76	105	228	262	6.75	10.65	8.58	14.70	1,172	1,537	2,185	4,527	5,211	55	60	66	
Cross.....	24	34	44	105	133	6.45	13.03	9.52	26.11	1,225	1,715	2,221	5,118	6,503	57	61	83	
Dallas.....	11	15	21	49	55	7.00	11.16	8.95	12.27	1,049	1,550	2,115	4,825	5,508	49	58	70	
Desha.....	24	30	41	97	103	5.50	10.89	8.02	5.92	1,167	1,488	2,145	5,407	5,376	54	55	66	
Drew.....	16	21	30	76	87	6.69	12.44	9.38	14.25	1,064	1,288	2,002	4,660	5,210	50	55	66	
Faulkner.....	32	51	73	199	232	8.64	13.75	11.03	16.66	1,332	1,763	2,376	4,999	5,615	62	61	69	
Franklin.....	12	17	25	64	75	8.14	12.79	10.32	16.11	1,149	1,568	2,248	4,941	5,447	47	54	64	
Fulton.....	7	8	13	35	40	7.12	13.36	10.03	13.94	1,001	1,159	1,717	3,806	4,257	47	51	69	
Garland.....	73	117	158	391	437	8.00	11.96	9.86	11.78	1,596	2,293	2,954	6,062	6,660	74	81	85	
Grant.....	9	15	25	63	74	10.55	13.01	11.71	18.61	1,111	1,530	2,575	5,047	5,524	52	70	70	
Greene.....	29	40	55	149	175	6.47	13.75	9.86	17.89	1,186	1,594	2,215	4,965	5,718	55	60	73	
Hempstead.....	18	28	40	125	125	9.47	12.03	10.68	17.19	939	1,497	2,315	5,119	6,035	44	63	77	
Hot Spring.....	29	42	59	136	156	7.32	11.42	9.24	14.04	1,348	1,926	2,672	5,593	6,278	67	73	80	
Howard.....	13	19	28	73	88	8.01	13.54	10.60	21.87	1,220	1,838	2,478	5,409	6,598	57	68	84	
Independence.....	23	35	55	138	161	8.97	12.73	10.74	16.54	1,175	1,621	2,430	5,163	5,919	55			

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years<sup>1</sup>—Continued

Area title	Total personal income								Per capita personal income								
	Millions of dollars					Average annual rate of growth			Dollars					Percent of U.S. average			
	1959	1965	1969	1977	1978	1959-69	1969-78	1959-78	1977-78	1959	1965	1969	1977	1978	1959	1969	1978
Pulaski.....	488	719	989	2,257	2,507	7.33	10.88	9.00	11.10	2,041	2,641	3,492	6,946	7,613	95	95	97
Randolph.....	13	19	24	66	73	6.60	12.84	9.51	9.59	1,049	1,528	1,938	4,001	4,073	49	53	52
St. Francis.....	34	47	66	138	166	6.77	10.78	8.65	20.75	1,051	1,056	2,129	4,349	5,279	49	58	67
Saline.....	39	62	96	239	269	9.36	12.18	10.69	12.87	1,375	1,915	2,698	5,294	5,728	64	74	73
Scott.....	7	10	16	38	45	8.48	12.33	10.29	17.06	977	1,290	1,944	4,260	5,417	46	53	69
Searcy.....	6	8	12	29	33	6.00	12.23	8.91	13.73	812	1,044	1,492	3,343	3,816	38	41	49
Sebastian.....	132	178	249	586	662	6.54	11.48	8.85	12.91	2,014	2,357	3,182	6,574	7,300	94	87	93
Sevier.....	11	16	25	61	74	8.99	12.85	10.80	21.87	1,055	1,390	2,229	4,972	6,173	49	61	79
Sharp.....	7	11	18	57	66	9.89	15.78	12.64	15.18	1,104	1,518	2,183	4,750	5,129	51	60	65
Stone.....	5	6	10	28	34	7.33	14.86	10.83	17.67	768	892	1,417	3,408	3,747	36	39	48
Union.....	83	110	144	290	330	5.66	9.68	7.55	13.71	1,701	2,350	3,127	6,340	7,199	79	85	92
Van Buren.....	6	9	15	45	53	9.56	15.30	12.24	17.16	829	1,127	1,796	4,136	4,470	39	49	57
Washington.....	73	124	202	485	562	10.65	12.04	11.31	15.74	1,338	1,730	2,685	5,286	5,972	62	73	76
White.....	35	55	85	225	267	9.24	13.61	11.28	18.52	1,087	1,442	2,188	4,772	5,605	51	60	71
Woodruff.....	15	22	36	72	72	5.96	11.74	8.66	14.90	1,080	1,708	2,233	5,686	6,377	50	61	81
Yell.....	14	22	32	62	87	8.82	11.75	10.20	20.77	1,174	1,610	2,287	4,318	5,333	55	62	68
California.....	40,844	59,855	82,828	174,739	198,779	7.33	10.22	8.69	13.76	2,641	3,221	4,202	7,984	8,916	123	115	114
Sum of SMSA counties.....	38,382	56,309	78,503	164,242	186,787	7.42	10.11	8.68	13.73	2,678	3,275	4,266	8,103	9,061	125	116	116
Sum of non-SMSA counties.....	2,462	3,246	4,325	10,498	11,992	5.80	12.00	8.69	14.23	2,173	2,498	3,301	6,492	7,138	101	90	91
Alameda.....	2,339	3,390	4,593	9,030	10,137	6.98	9.19	8.02	12.26	2,617	3,298	4,333	8,214	9,194	122	118	117
Alpine.....	1	1	1	4	5	5.53	15.82	10.29	39.03	2,161	3,269	3,638	4,298	5,362	101	99	68
Amador.....	21	28	39	111	130	6.76	14.18	10.22	17.05	2,088	2,491	3,513	6,831	7,459	97	96	95
Butte.....	192	255	318	816	924	5.18	12.60	8.63	13.31	2,374	2,516	3,144	6,316	6,920	111	86	88
Calaveras.....	24	29	41	99	117	5.61	12.32	8.74	17.81	2,344	2,428	3,075	5,781	6,304	109	84	80
Colusa.....	34	44	68	131	147	7.11	9.04	8.02	12.63	2,861	3,603	5,481	10,160	11,523	133	149	147
Contra Costa.....	1,101	1,735	2,482	5,459	6,126	8.47	10.56	9.46	12.22	2,734	3,486	4,543	8,910	9,841	127	124	126
Del Norte.....	33	39	49	108	126	3.94	11.19	7.32	17.21	1,885	2,379	3,412	6,549	7,365	88	93	94
El Dorado.....	71	110	157	463	548	8.23	14.85	11.32	18.34	2,470	2,618	3,648	6,732	7,224	115	99	92
Fresno.....	767	1,044	1,339	3,358	3,798	5.74	12.28	8.79	13.10	2,129	2,572	3,279	7,112	7,930	99	89	101
Glenn.....	39	51	66	141	175	5.39	11.44	8.21	24.53	2,303	2,752	3,838	6,924	8,444	107	105	108
Humboldt.....	218	260	343	715	783	4.63	9.62	6.97	9.59	2,110	2,543	3,466	6,742	7,269	98	95	93
Imperial.....	157	217	292	517	639	6.40	9.09	7.67	23.55	2,212	2,850	3,965	8,827	7,010	103	108	89
Inyo.....	28	39	51	110	129	6.14	10.79	8.32	16.90	2,453	2,802	3,320	6,166	7,082	114	91	90
Kern.....	628	896	1,080	2,506	2,728	5.57	10.84	8.03	8.85	2,187	2,789	3,319	6,970	7,469	102	91	95
Kings.....	93	141	185	431	437	7.08	10.06	8.48	1.49	1,895	2,182	2,812	6,089	6,127	88	77	78
Lake.....	33	42	62	172	211	6.49	14.67	10.29	22.34	2,418	2,466	3,272	5,896	6,670	113	89	85
Lassen.....	30	39	55	116	138	6.19	10.81	8.35	18.49	2,238	2,415	3,289	6,013	6,907	104	90	88
Los Angeles.....	16,451	23,460	31,419	58,840	66,552	6.68	8.70	7.63	13.11	2,768	3,449	4,495	8,384	9,399	129	123	120
Madera.....	76	99	125	355	381	5.03	13.22	8.83	7.21	1,914	2,360	3,032	6,934	7,123	89	83	91
Marin.....	460	759	1,137	2,310	2,607	9.46	9.66	9.55	12.87	3,187	4,065	5,585	10,308	11,658	149	152	149
Mariposa.....	11	15	21	52	63	6.51	12.83	9.46	21.57	2,282	2,533	3,610	5,538	6,314	105	98	81
Mendocino.....	101	124	167	414	472	5.20	12.26	8.48	14.14	2,001	2,511	3,355	6,742	7,394	93	91	94
Merced.....	184	245	332	917	975	6.09	12.71	9.18	6.35	2,065	2,347	3,278	7,441	7,782	96	89	99
Modoc.....	20	21	26	56	63	2.52	10.41	6.18	12.16	2,466	2,805	3,560	6,631	7,325	115	97	93
Mono.....	7	10	12	41	49	6.10	16.84	11.06	18.64	3,039	2,646	3,165	5,385	6,121	142	86	78
Monterey.....	502	695	1,001	2,245	2,666	7.15	11.50	9.19	18.76	2,571	3,080	3,924	8,109	9,666	120	107	123
Napa.....	154	223	320	720	819	7.58	11.01	9.20	13.86	2,376	3,054	4,172	7,786	8,779	111	114	112
Nevada.....	52	63	82	245	288	4.71	15.01	9.47	17.89	2,511	2,546	3,242	6,153	6,548	117	88	84
Orange.....	1,980	3,666	5,967	14,752	17,043	11.67	12.37	12.00	15.53	2,858	3,188	4,334	8,218	9,298	133	118	119
Placer.....	125	182	264	690	798	7.74	13.08	10.23	15.66	2,234	2,478	3,488	6,870	7,447	104	95	95
Plumas.....	28	35	43	95	108	4.55	10.82	7.48	14.16	2,405	2,832	3,689	6,302	6,895	112	101	88
Riverside.....	645	1,031	1,575	3,891	4,513	9.34	12.41	10.78	16.00	2,141	2,530	3,497	6,790	7,440	100	95	95
Sacramento.....	1,286	1,796	2,364	5,285	5,976	6.28	10.86	8.42	13.08	2,599	2,986	3,821	7,333	8,120	121	104	104
San Benito.....	41	48	69	145	183	5.37	11.46	8.21	25.57	2,688	2,809	3,796	6,907	8,451	125	104	108
San Bernardino.....	1,012	1,517	2,211	4,938	5,728	8.13	11.16	9.55	16.00	2,043	2,434	3,292	6,697	7,356	95	90	94
San Diego.....	2,364	3,400	5,221	12,114	13,857	8.25	11.46	9.75	14.39	2,325	2,902	3,893	7,187	7,947	108	106	101
San Francisco.....	2,464	3,255	3,869	6,878	7,691	4.62	7.93	6.17	11.82	3,383	4,363	5,328	10,509	11,878	158	145	152
San Joaquin.....	561	797	1,054	2,323	2,598	6.50	10.55	8.40	11.83	2,282	2,912	3,700	7,569	8,296	106	101	106
San Luis Obispo.....	171	229	318	867	1,020	6.38	13.83	9.85	17.70	2,147	2,328	3,098	6,358	7,207	100	84	92
San Mateo.....	1,418	2,138	2,932	6,015	6,843	7.53	9.88	8.64	13.76	3,242	4,115	5,309	10,256	11,646	151	145	149
Santa Barbara.....	517	758	1,040	2,231	2,575	7.23	10.60	8.81	15.40	3,111	3,048	3,970	7,727	8,819	145	108	112
Santa Clara.....	1,718	3,019	4,544	10,477	12,040	10.21	11.43	10.79	14.91	2,719	3,335	4,397	8,610	9,771	127	120	125
Santa Cruz.....	225	334	447	1,161	1,345	7.09	13.02	9.86	15.89	2,720	3,072	3,659	6,836	7,762	127	100	99
Shasta.....	135	191	254	655	757	6.52	12.92	9.50	15.64	2,305	2,599	3,324	6,507	7,064	107	91	90
Sierra.....	6	6	8	20	20	3.62	10.79	6.96	13.70	2,509	2,537	3,317	5,795	6,058	117	90	77
Siskiyou.....	75	89	116	243	274	4.37	10.04	7.02	12.78	2,331	2,633	3,504	6,534	7,158	109	96	91
Solano.....	314	437	594	1,422	1,602	6.61	11.65	8.97	12.64	2,367	2,725	3,530	7,113	7,713	110	96	98
Sonoma.....	361	517	738	1,861	2,144	7.42	12.59	9.84	15.20	2,487	2,817	3,672	7,024	7,820	116	100	100
Stanislaus.....	349	491	660	1,697	1,947	6.59	12.77	9.47	14.75	2,255	2,771	3,453	7,067	7,913	105	94	101
Sutter.....	94	122	152	378	424	4.91	12.03	8.22	12.17	2,873	3,092	3,646	7,859	8,681	134	99	111
Tehama.....	54	70	97	213	244	6.00	10.80	8.25	14.36	2,174	2,444	3,339	6,258	6,696	101	91	85
Trinity.....	13	17	22	58	65	5.44	13.10	9.00	12.90	1,333	2,143	2,977	5,346	5,576	62	81	71
Tulare.....	320	424	548	1,358</													



Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years<sup>1</sup>—Continued

Area title	Total personal income									Per capita personal income							
	Millions of dollars					Average annual rate of growth				Dollars					Percent of U.S. average		
	1959	1965	1969	1977	1978	1959-69	1969-78	1959-78	1977-78	1959	1965	1969	1977	1978	1959	1969	1978
Crowley.....	5	6	8	14	24	4.05	13.36	8.36	74.15	1,371	1,874	2,498	4,520	8,717	64	68	111
Custer.....	5	2	3	6	7	-5.21	11.63	2.42	20.61	3,674	1,538	2,483	4,777	5,110	171	68	65
Delta.....	21	30	36	93	106	5.93	12.61	9.04	14.28	1,348	1,988	2,337	4,872	5,419	63	64	69
Denver.....	1,274	1,622	2,140	4,166	4,633	5.32	8.96	7.03	11.22	2,646	3,218	4,187	8,723	9,887	123	114	126
Dolores.....	3	4	4	8	8	4.91	8.15	6.43	34.03	1,195	1,935	2,696	3,891	5,064	56	74	65
Douglas.....	8	16	30	148	190	13.91	22.88	18.07	27.95	1,721	2,369	3,751	7,778	8,343	80	102	106
Eagle.....	11	17	22	80	95	7.27	17.44	11.98	17.81	2,420	2,905	3,175	6,652	7,447	113	87	95
Elbert.....	7	8	11	29	26	4.98	10.28	7.46	-11.32	1,834	2,115	2,734	4,926	4,180	86	75	53
El Paso.....	318	492	785	1,794	1,988	9.46	10.87	10.12	10.81	2,271	2,751	3,433	6,274	6,984	106	94	89
Fremont.....	28	39	56	144	164	7.02	12.77	9.71	14.60	1,437	1,865	2,594	5,447	6,268	67	71	80
Garfield.....	21	33	45	127	148	7.60	14.28	10.72	16.91	1,828	2,546	3,130	6,674	7,574	85	85	97
Gilpin.....	1	2	3	9	11	7.10	15.95	11.21	17.25	2,145	1,941	2,207	4,646	5,198	100	60	66
Grand.....	7	8	12	42	48	4.87	16.70	10.32	15.52	2,159	2,213	2,983	6,629	7,432	101	81	95
Gunnison.....	9	12	16	42	50	6.18	13.81	9.73	18.86	1,595	2,224	2,372	4,776	5,836	74	65	74
Hinsdale.....	1	1	(*)	2	2	-6.31	19.17	5.00	4.65	3,118	2,515	1,618	3,210	3,099	145	44	40
Huerfano.....	9	10	13	29	32	3.39	10.84	6.85	12.07	1,192	1,442	1,869	4,421	5,054	56	51	64
Jackson.....	3	3	2	9	14	-5.45	24.46	7.70	48.43	2,005	1,850	1,112	5,273	7,235	93	30	92
Jefferson.....	308	543	916	2,621	3,058	11.53	14.34	12.85	16.69	2,474	2,705	3,972	7,828	8,769	115	108	112
Kiowa.....	4	6	11	17	12	10.29	1.19	5.88	-25.18	1,765	2,767	5,401	8,528	6,012	82	147	88
Kit Carson.....	12	20	28	46	56	8.94	8.10	8.54	22.39	1,749	2,808	3,749	5,926	7,448	82	102	95
Lake.....	16	22	24	60	67	4.60	11.78	7.94	10.49	2,256	2,788	2,939	7,283	8,289	105	80	107
La Plata.....	32	41	50	180	151	4.54	13.00	8.47	16.59	1,723	2,223	2,589	5,260	5,950	80	71	76
Larimer.....	100	156	251	794	921	9.70	15.53	12.42	15.94	1,914	2,227	3,084	6,282	7,037	89	84	90
Las Animas.....	24	29	36	74	80	4.29	9.22	6.60	7.51	1,219	1,713	2,307	4,687	5,266	57	63	67
Lincoln.....	10	11	15	29	25	3.61	5.92	4.70	-13.93	2,024	2,247	3,196	6,177	5,660	94	87	72
Logan.....	28	41	60	118	145	7.97	10.22	9.03	12.57	1,414	2,154	3,119	6,003	7,475	66	85	95
Mesa.....	91	119	154	431	498	5.41	13.91	9.35	15.67	1,844	2,276	2,848	6,404	7,217	86	78	92
Mineral.....	1	1	2	5	6	9.14	12.68	10.80	19.24	2,177	2,211	2,818	6,493	7,002	101	77	97
Moffat.....	13	17	20	73	101	4.17	19.53	11.18	37.38	1,951	2,582	3,122	7,018	9,166	91	85	117
Montezuma.....	18	25	31	78	90	5.88	12.56	8.99	15.77	1,289	1,980	2,474	5,180	5,881	60	67	75
Montrose.....	27	37	46	112	130	5.72	12.11	8.70	15.50	1,491	2,034	2,501	5,121	5,844	70	68	75
Morgan.....	33	42	62	122	160	6.63	11.16	8.76	31.01	1,576	2,139	3,179	5,705	7,685	73	87	98
Otero.....	36	47	61	124	144	5.34	10.10	7.57	16.65	1,532	2,037	2,622	5,205	6,296	71	72	80
Ouray.....	4	4	5	12	13	1.97	12.71	6.92	8.77	2,423	2,620	2,947	6,552	7,008	113	80	89
Park.....	3	4	4	17	21	4.74	18.74	11.15	26.56	1,591	1,940	2,111	3,915	4,206	74	58	54
Phillips.....	8	10	16	36	42	7.26	11.72	9.35	16.33	1,791	2,277	3,748	8,318	9,903	83	102	126
Pitkin.....	11	18	27	86	101	9.18	15.71	12.22	18.16	4,884	4,076	4,642	8,381	9,391	228	127	120
Prowers.....	20	26	39	63	71	7.01	6.96	6.99	12.56	1,520	2,057	3,038	4,616	5,361	71	83	68
Pueblo.....	199	271	353	805	898	5.93	10.91	8.26	11.57	1,717	2,307	3,004	6,535	7,391	80	82	94
Rio Blanco.....	8	12	16	33	46	7.04	12.38	9.54	41.42	1,622	2,520	3,312	6,367	8,940	76	90	114
Rio Grande.....	13	23	22	59	65	5.34	12.81	8.82	10.22	1,205	2,185	2,088	5,518	6,099	56	57	78
Routt.....	11	15	19	76	93	6.07	19.26	12.13	21.84	1,836	2,460	2,922	7,158	8,285	86	80	106
Saguache.....	3	8	6	14	15	5.85	11.47	8.48	11.73	751	1,980	1,570	3,408	3,697	55	43	47
San Juan.....	1	1	2	4	4	5.18	11.37	8.07	-4.65	1,140	1,072	1,948	5,080	5,140	53	53	66
San Miguel.....	3	4	4	8	11	3.34	12.69	7.67	44.72	967	1,772	1,993	2,818	3,909	45	54	50
Sedgwick.....	8	10	14	25	18	4.90	3.14	4.06	-27.36	2,036	2,674	3,846	7,470	5,378	95	105	69
Summit.....	3	3	6	44	54	7.83	28.90	17.34	22.62	1,282	1,662	2,254	6,766	7,635	60	61	97
Teller.....	4	6	9	37	43	9.19	18.52	13.51	16.55	1,585	1,961	2,944	5,897	6,320	74	80	81
Washington.....	12	14	19	32	34	4.07	6.84	5.38	5.19	1,925	2,316	3,345	5,822	6,334	90	91	81
Weld.....	122	179	252	635	757	7.51	13.00	10.08	19.25	1,731	2,297	2,920	5,800	6,857	81	80	87
Yuma.....	11	18	29	64	68	9.74	10.20	9.96	7.22	1,296	2,069	3,309	6,811	7,431	60	90	95
<b>Connecticut.....</b>	<b>6,945</b>	<b>9,860</b>	<b>13,926</b>	<b>25,019</b>	<b>27,623</b>	<b>7.21</b>	<b>7.91</b>	<b>7.54</b>	<b>10.41</b>	<b>2,753</b>	<b>3,451</b>	<b>4,642</b>	<b>8,052</b>	<b>8,915</b>	<b>128</b>	<b>127</b>	<b>114</b>
<b>Sum of SMSA counties.....</b>	<b>6,497</b>	<b>9,212</b>	<b>12,973</b>	<b>23,267</b>	<b>25,687</b>	<b>7.16</b>	<b>7.89</b>	<b>7.50</b>	<b>10.40</b>	<b>2,782</b>	<b>3,486</b>	<b>4,622</b>	<b>8,175</b>	<b>9,005</b>	<b>130</b>	<b>128</b>	<b>115</b>
<b>Sum of non-SMSA counties.....</b>	<b>447</b>	<b>647</b>	<b>953</b>	<b>1,752</b>	<b>1,936</b>	<b>7.86</b>	<b>8.20</b>	<b>8.02</b>	<b>10.47</b>	<b>2,485</b>	<b>3,021</b>	<b>4,225</b>	<b>7,249</b>	<b>7,874</b>	<b>111</b>	<b>115</b>	<b>100</b>
Fairfield.....	2,162	3,080	4,356	7,804	8,667	7.26	7.94	7.58	11.06	3,323	4,166	5,578	9,589	10,721	155	152	137
Hartford.....	1,860	2,659	3,710	6,484	7,196	7.15	7.63	7.38	10.99	2,710	3,467	4,590	7,962	8,907	126	125	114
Litchfield.....	291	433	612	1,325	1,494	8.38	8.24	8.31	10.89	2,436	3,206	4,575	7,834	8,509	114	125	109
Middlesex.....	226	330	485	944	1,047	7.93	8.94	8.41	10.91	2,555	3,078	4,326	7,574	8,418	119	118	107
New Haven.....	1,686	2,295	3,184	5,624	6,160	6.57	7.61	7.06	9.53	2,565	3,185	4,262	7,406	8,163	120	116	104
New London.....	402	590	853	1,673	1,797	7.82	8.64	8.21	7.42	2,173	2,729	3,782	6,867	7,353	101	103	94
Tolland.....	163	258	384	738	820	8.97	8.81	8.89	11.15	2,376	2,790	3,820	6,740	7,262	111	104	83
Windham.....	157	214	303	557	611	6.83	8.09	7.43	9.57	2,295	2,706	3,631	6,248	6,777	107	99	86
<b>Delaware.....</b>	<b>1,173</b>	<b>1,706</b>	<b>2,305</b>	<b>4,449</b>	<b>4,970</b>	<b>6.99</b>	<b>8.91</b>	<b>7.89</b>	<b>11.70</b>	<b>2,660</b>	<b>3,364</b>	<b>4,268</b>	<b>7,643</b>	<b>8,531</b>	<b>124</b>	<b>116</b>	<b>109</b>
<b>Sum of SMSA counties.....</b>	<b>908</b>	<b>1,324</b>	<b>1,787</b>	<b>3,298</b>	<b>3,639</b>	<b>6.83</b>	<b>8.43</b>	<b>7.58</b>	<b>10.34</b>	<b>2,988</b>	<b>3,696</b>	<b>4,628</b>	<b>8,276</b>	<b>9,175</b>	<b>139</b>		

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years <sup>1</sup>—Continued

Area title	Total personal income									Per capita personal income								
	Millions of dollars					Average annual rate of growth				Dollars					Percent of U.S. average			
	1959	1965	1969	1977	1978	1959-69	1969-78	1959-78	1977-78	1959	1965	1969	1977	1978	1959	1969	1978	
Flagler.....	6	8	10	41	51	4.85	19.50	11.55	23.21	1,438	1,517	2,293	5,187	6,025	67	63	77	
Franklin.....	6	8	11	26	29	6.79	11.64	9.06	12.98	886	1,043	1,542	3,355	3,679	41	42	47	
Gadsden.....	38	54	82	161	178	7.91	8.96	8.41	10.32	942	1,279	2,083	4,393	4,893	44	57	62	
Gilchrist.....	3	5	9	26	30	9.99	14.98	12.33	17.37	1,192	1,639	2,464	4,755	5,288	56	67	67	
Glades.....	3	5	9	22	27	10.54	12.73	11.58	23.00	1,172	1,472	2,505	4,020	4,731	55	68	60	
Gulf.....	13	17	24	56	63	6.63	11.18	8.76	13.37	1,333	1,793	2,443	5,346	6,137	62	67	78	
Hamilton.....	9	13	15	39	46	4.70	13.15	8.62	17.28	1,269	1,699	1,933	4,576	5,401	59	53	69	
Hardee.....	19	26	43	90	117	8.22	11.92	9.96	30.89	1,608	1,926	2,908	5,351	6,898	75	79	88	
Hendry.....	18	32	55	119	144	11.83	11.24	11.55	20.97	2,293	2,841	4,777	7,592	8,884	107	130	113	
Hernando.....	15	22	40	170	206	10.30	19.87	14.73	21.30	1,394	1,502	2,444	5,338	6,328	65	67	81	
Highlands.....	31	49	87	220	264	10.92	13.12	11.96	20.08	1,488	1,796	3,090	5,476	6,629	69	83	85	
Hillsborough.....	724	1,016	1,499	3,587	4,064	7.54	11.72	9.50	13.76	1,876	2,239	3,090	6,181	6,955	87	85	89	
Holmes.....	9	13	20	53	62	8.47	13.66	10.90	17.87	825	1,161	1,822	3,913	4,379	38	50	56	
Indian River.....	41	76	116	356	422	10.87	15.42	13.00	18.60	1,685	2,321	3,297	7,545	8,559	79	90	110	
Jackson.....	36	52	75	180	201	7.65	11.60	9.50	11.95	1,020	1,483	2,173	4,819	5,475	48	59	70	
Jefferson.....	9	13	17	43	49	6.31	12.52	9.20	15.05	1,001	1,313	1,945	4,328	4,814	47	53	61	
Lafayette.....	4	5	6	16	17	4.43	12.03	7.96	7.81	1,393	1,856	2,096	4,550	4,355	65	57	56	
Lake.....	104	130	228	562	678	8.16	12.87	10.37	20.76	1,868	1,993	3,350	6,084	7,270	87	91	93	
Lee.....	106	189	334	1,097	1,285	12.21	16.15	14.06	17.20	1,993	2,383	3,361	6,307	7,010	93	92	89	
Leon.....	105	169	274	762	847	10.07	13.37	11.62	11.25	1,457	1,973	2,760	5,946	6,494	68	75	83	
Levy.....	14	20	29	76	87	7.97	12.94	10.30	14.67	1,343	1,725	2,372	4,460	5,233	63	65	67	
Liberty.....	4	5	7	14	17	5.57	11.04	8.13	20.24	1,251	1,451	1,968	3,561	4,343	58	54	55	
Madison.....	16	20	28	64	74	5.87	11.16	8.34	15.02	1,168	1,427	2,089	4,323	5,056	54	57	64	
Manatee.....	100	178	290	817	945	11.27	14.03	12.57	15.71	1,484	2,160	3,081	6,502	7,315	69	84	93	
Marion.....	73	107	180	523	600	9.50	14.33	11.76	14.69	1,448	1,655	2,646	5,043	5,718	68	72	73	
Martin.....	28	49	94	349	412	12.80	17.80	15.14	17.86	1,718	1,978	3,475	7,222	8,260	80	95	105	
Monroe.....	75	113	157	350	382	7.69	10.42	8.98	9.13	1,605	2,190	2,986	7,257	8,009	75	81	102	
Nassau.....	24	35	51	138	157	7.57	13.40	10.30	13.41	1,461	1,848	2,521	4,529	5,024	68	69	64	
Okaloosa.....	97	154	241	563	630	9.55	11.29	10.37	12.01	1,627	2,010	2,858	5,372	6,031	76	78	77	
Okeechobee.....	7	18	27	77	91	14.60	14.44	14.52	18.49	1,106	1,865	2,481	4,233	4,939	52	68	63	
Orange.....	577	778	1,179	2,918	3,378	7.40	12.41	9.74	15.75	2,256	2,521	3,503	7,044	8,043	105	96	103	
Osceola.....	27	41	64	188	223	9.13	14.85	11.80	18.62	1,447	1,831	2,642	4,892	5,695	67	72	73	
Palm Beach.....	540	797	1,359	3,873	4,490	9.67	14.20	11.79	15.92	2,437	2,707	4,035	8,175	9,225	114	110	118	
Pasco.....	53	89	173	717	848	12.49	19.28	15.66	18.18	1,497	1,790	2,415	4,953	5,559	70	66	71	
Pinellas.....	758	1,157	1,807	4,599	5,209	9.08	12.48	10.68	13.27	2,082	2,580	3,538	7,091	7,899	97	96	101	
Polk.....	344	499	693	1,677	1,960	7.24	12.25	9.58	16.87	1,818	2,405	3,053	6,011	7,045	85	83	90	
Putnam.....	42	61	85	204	227	7.39	11.49	9.32	11.37	1,338	1,763	2,389	4,498	5,036	62	65	64	
St. Johns.....	42	65	99	245	283	8.90	12.43	10.55	15.24	1,441	2,049	3,212	5,932	6,648	67	88	85	
St. Lucie.....	54	91	147	395	463	10.57	13.60	11.99	17.23	1,411	1,949	2,963	5,540	6,418	66	81	82	
Santa Rosa.....	47	69	106	254	283	8.34	11.59	9.86	11.56	1,651	2,046	2,858	5,183	5,671	77	78	72	
Sarasota.....	149	281	492	1,624	1,767	12.71	14.19	13.41	15.62	1,991	2,869	4,277	8,339	9,310	93	117	119	
Seminole.....	90	153	235	767	909	10.08	16.22	12.95	18.54	1,686	2,086	2,888	5,200	6,031	79	79	77	
Sumter.....	13	18	30	92	108	8.61	15.44	11.79	17.05	1,129	1,275	2,019	4,433	5,095	53	55	65	
Suwannee.....	19	28	36	92	106	6.83	12.59	9.52	14.59	1,294	1,709	2,325	4,686	5,454	60	63	70	
Taylor.....	19	25	34	79	85	6.32	10.51	8.28	6.68	1,460	1,734	2,524	5,538	5,906	68	69	75	
Union.....	6	8	11	35	39	6.25	15.18	10.39	13.82	1,024	1,337	1,392	3,309	3,655	48	38	47	
Volusia.....	196	339	524	1,292	1,475	10.34	12.18	11.21	14.16	1,611	2,135	3,141	6,041	6,789	75	86	86	
Wakulla.....	5	8	13	38	42	8.87	14.22	11.37	11.22	1,059	1,269	2,033	4,098	4,389	49	55	56	
Walton.....	15	21	30	77	86	7.12	12.53	9.65	12.59	993	1,343	1,884	4,214	4,782	46	51	61	
Washington.....	10	15	22	58	66	8.20	12.98	10.44	13.10	918	1,253	1,922	4,291	4,912	43	52	63	
Georgia.....	6,214	9,429	14,092	30,482	34,465	8.53	10.45	9.44	13.06	1,606	2,177	3,096	6,047	6,779	75	84	86	
Sum of SMSA counties.....	3,945	6,102	9,185	19,676	22,943	8.82	10.22	9.48	12.03	1,964	2,598	3,581	6,870	7,622	92	98	97	
Sum of non-SMSA counties.....	2,268	3,327	4,906	10,806	12,422	8.02	10.87	9.36	14.95	1,220	1,677	2,470	4,965	5,667	57	67	72	
Appling.....	10	16	26	69	84	9.96	14.17	11.93	21.55	763	1,259	2,056	4,648	5,670	36	56	72	
Atkinson.....	5	7	12	23	29	8.09	10.75	9.34	25.51	871	1,096	1,929	3,873	4,751	41	53	61	
Bacon.....	9	12	19	41	49	7.78	11.27	9.42	18.38	1,082	1,451	2,295	4,400	5,185	50	63	66	
Baker.....	9	12	19	41	49	7.78	11.27	9.42	18.38	1,082	1,451	2,295	4,400	5,185	50	63	66	
Baldwin.....	35	51	74	184	204	10.25	12.08	11.11	11.11	25.81	544	1,157	1,668	3,654	4,600	25	45	59
Banks.....	7	9	15	32	37	7.76	11.93	9.71	10.98	1,050	1,539	2,129	5,728	6,285	49	58	80	
Barrow.....	21	31	46	107	120	7.99	11.23	9.51	12.04	1,500	2,004	2,783	5,482	6,052	70	76	77	
Bartow.....	40	58	91	212	241	8.67	11.45	9.97	14.14	1,430	1,798	2,812	5,589	6,463	67	77	82	
Ben Hill.....	17	23	31	82	82	6.42	11.48	8.79	21.83	1,244	1,663	2,350	4,619	5,498	58	64	70	
Berrien.....	13	18	30	60	74	8.91	10.53	9.67	23.39	1,079	1,525	2,619	4,601	5,514	50	71	70	
Bibb.....	296	331	467	947	1,020	7.06	9.06	8.00	7.68	1,705	2,334	3,264	6,607	7,109	79	89	91	
Bleckley.....	11	16	24	59	75	8.14	10.78	9.38	17.84	1,141	1,558	2,297	4,907	5,641	53	63	72	
Brantley.....	13	20	30	59	75	7.80	10.29	8.97	17.99	1,140	1,434	2,393	3,687	4,215	53	65	54	
Brooks.....	13	20	30	59	75	8.63	10.73	9.62	26.52	876	1,370	2,185	4,318	5,559	41	60	71	
Bryan.....	5	8	13	34	38	9.14	13.11	11.00	13.71	864	1,172	1,969	4,032	4,566	40	54	58	
Bulloch.....	28	42	61	150	184	8.09	13.14	10.45	22.53	1,172	1,448	1,945	4,320	5,140	55	53	66	
Burke.....	17	25	33	67	81	6.72	10.56	8.52	20.76	850	1,270	1,779	3,575	4,335	40	49	55	
Butts.....	10	16	24	55	62	8.96	11.01	9.93	12.07	1,157	1,743	2,331	4,438	4,889	54	64	62	
Calhoun.....	6	10	12	23	29	8.01	10.11	9.00	26.63	792	1,305	1,868	3,517	4,437	37	51	57	
Camden.....	14	19	28	60	67	7.52	10.09	8.73	11.98	1,399	1,765	2,502	5,011	5,600	65	68	71	
Candler.....	7	10	15	34	41	8.46	12.07	10.15	21.38	995	1,520	2,298	4,014	5,894	46	63	75	
Carroll.....	5																	

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years 1—Continued

Area title	Total personal income									Per capita personal income								
	Millions of dollars					Average annual rate of growth				Dollars					Percent of U.S. average			
	1959	1965	1969	1977	1978	1959-69	1969-78	1959-78	1977-78	1959	1965	1969	1977	1978	1959	1969	1978	
Dade	9	14	22	51	58	9.21	11.71	10.39	14.08	1,084	1,496	2,194	4,396	5,052	49	60	64	
Dawson	4	7	10	20	25	8.13	10.92	9.44	22.20	1,266	1,809	2,671	4,201	5,180	59	73	66	
Decatur	24	35	46	120	137	6.67	12.82	9.54	14.76	984	1,501	2,035	4,839	5,518	46	55	70	
De Kalb			1,765	3,014	4,390		10.66		12.18			4,312	8,564	9,553	118	122		
Dodge	17	24	35	69	81	7.34	9.93	8.56	18.33	1,059	1,494	2,167	4,126	4,853	49	59	62	
Dooly	10	18	23	45	53	9.00	9.86	9.40	18.70	857	1,594	2,185	4,048	4,812	40	60	61	
Dougherty	119	179	226	517	595	6.69	11.34	8.87	15.08	1,596	1,974	2,578	5,453	6,264	74	70	80	
Douglas	27	49	82	261	303	11.89	15.60	13.63	15.93	1,627	2,556	3,027	5,564	6,137	76	83	78	
Early	10	18	26	48	60	9.40	9.94	9.66	26.88	812	1,358	1,987	3,596	4,581	38	54	58	
Echols	2	2	4	8	10	9.43	10.71	10.04	18.97	852	1,272	2,156	3,712	4,349	40	59	55	
Effingham	10	20	36	79	93	13.30	11.12	12.26	18.60	1,039	1,906	2,733	4,693	5,192	48	75	66	
Elbert	23	32	44	95	103	6.90	9.91	8.32	8.45	1,293	1,727	2,523	5,214	5,586	60	69	71	
Emanuel	19	28	38	79	93	7.30	10.57	8.84	11.18	1,067	1,489	2,041	3,899	4,582	50	56	58	
Evans	8	11	16	39	46	7.02	12.71	9.68	18.38	1,168	1,402	2,170	4,661	5,383	54	59	69	
Fannin	11	19	27	57	65	9.39	10.12	9.74	14.17	829	1,394	2,076	3,857	4,380	39	57	56	
Fayette	13	22	35	128	157	10.22	18.11	13.89	23.21	1,653	2,447	3,252	6,079	6,637	77	89	85	
Forsyth	106	156	220	486	531	8.06	9.79	8.87	9.17	1,556	2,198	3,141	6,163	6,734	73	86	86	
Forsyth	15	27	46	115	136	11.99	12.77	12.36	18.27	1,241	1,963	2,832	5,014	5,904	58	77	75	
Franklin	16	22	31	68	77	6.91	10.65	8.66	13.28	1,215	1,611	2,401	4,796	5,499	57	65	77	
Fulton			2,433	4,633	5,155		8.60		11.25			3,909	8,239	9,186	109	109	110	
Gilmer	8	12	21	49	58	9.95	11.93	10.88	16.98	928	1,287	2,326	4,455	5,082	43	63	65	
Glascock	3	4	6	13	15	7.67	11.08	9.27	15.24	1,055	1,525	2,498	5,182	5,627	49	68	72	
Glynn	71	105	152	330	368	7.92	10.31	9.05	11.46	1,725	1,983	3,030	6,673	7,411	80	83	95	
Gordon	28	44	66	146	167	8.78	10.85	9.76	14.45	1,507	2,084	2,805	5,219	5,761	70	76	73	
Grady	16	26	39	80	96	9.32	10.45	9.85	19.86	908	1,399	2,179	4,111	4,959	42	59	63	
Greene	9	14	21	45	53	8.85	11.11	9.92	16.98	804	1,326	2,007	4,201	4,879	37	55	62	
Gwinnett	68	124	217	773	914	12.37	17.32	14.69	18.27	1,583	2,219	3,143	6,019	6,675	74	86	85	
Habersham	22	32	48	111	126	8.02	11.41	9.61	13.59	1,244	1,595	2,134	4,648	5,115	58	63	65	
Hall	78	116	176	404	469	8.45	11.52	9.89	16.17	1,601	2,182	3,021	5,884	6,711	75	82	86	
Hancock	8	11	16	34	39	6.97	10.38	8.57	14.15	835	1,168	1,775	3,695	4,212	39	48	54	
Haralson	23	35	48	96	114	7.45	10.07	8.68	18.88	1,645	2,261	3,038	5,421	6,323	77	83	81	
Harris	12	17	27	67	73	7.89	11.97	9.81	11.93	1,133	1,486	2,275	5,248	5,644	53	62	72	
Hart	18	27	39	86	94	7.86	10.36	9.04	8.72	1,210	1,734	2,425	5,125	5,536	56	66	71	
Heard	6	8	12	34	37	6.63	13.75	9.95	9.42	1,163	1,460	2,142	5,438	5,878	54	58	75	
Henry	27	44	64	170	193	8.99	13.05	10.89	13.61	1,564	2,503	2,757	5,778	6,345	73	75	81	
Houston	65	118	193	444	472	11.47	10.44	10.98	6.42	1,698	2,242	3,162	6,031	6,272	79	86	80	
Irwin	10	14	18	34	47	5.88	10.89	8.27	38.15	1,152	1,531	2,307	4,047	5,320	54	63	68	
Jackson	24	37	55	114	130	8.63	10.08	9.31	13.93	1,321	1,835	2,613	4,795	5,452	62	71	70	
Jasper	6	9	15	37	44	8.77	12.99	10.75	18.47	1,059	1,440	2,548	5,453	6,452	49	69	82	
Jeff Davis	9	16	25	56	65	10.22	11.35	10.75	16.41	1,069	1,769	2,726	5,112	6,234	50	74	80	
Jefferson	16	24	36	76	89	8.60	10.60	9.54	16.77	921	1,390	2,109	4,565	5,120	43	58	65	
Jenkins	8	12	16	30	38	7.38	9.83	8.53	23.28	883	1,245	1,907	3,671	4,416	41	52	56	
Johnson	7	11	15	33	39	7.34	11.01	9.07	18.11	940	1,360	1,908	4,080	5,124	44	52	65	
Jones	9	15	26	61	72	10.59	12.13	11.31	16.94	1,128	1,729	2,143	3,940	4,458	53	58	57	
Lamar	13	18	26	52	57	7.25	9.15	8.14	9.52	1,289	1,721	2,421	4,498	4,890	60	66	62	
Lanier	5	7	11	22	26	8.57	10.13	9.30	19.45	957	1,350	2,197	4,111	5,045	45	60	64	
Laurens	36	52	76	166	203	7.65	11.51	9.46	21.96	1,148	1,530	2,336	4,778	5,713	54	64	73	
Lee	4	9	15	34	44	13.60	12.38	13.02	27.03	699	1,387	2,213	3,429	4,213	33	60	54	
Liberty	20	23	36	173	194	6.02	20.67	12.72	11.88	1,403	1,280	2,125	6,234	6,419	65	58	82	
Lincoln	5	8	12	27	31	7.80	11.49	9.53	13.13	946	1,359	2,015	4,441	4,976	44	55	63	
Long	3	5	7	18	20	8.49	12.71	10.47	16.62	812	1,134	1,841	4,747	5,501	38	50	70	
Lowndes	77	108	158	328	373	7.49	10.03	8.69	13.73	1,587	2,103	2,876	5,143	5,927	74	78	76	
Lumpkin	7	14	20	38	45	10.31	9.82	10.08	18.41	1,031	1,775	2,313	3,893	4,520	48	63	58	
McDuffie	16	24	37	89	98	8.64	11.26	9.87	9.54	1,318	1,695	2,518	5,108	5,477	61	69	70	
McIntosh	6	8	11	28	32	7.21	12.19	9.54	14.11	911	1,240	1,653	3,196	3,605	42	42	46	
Macon	12	18	25	50	61	7.87	10.56	9.13	23.05	896	1,360	1,907	4,061	5,137	42	52	66	
Madison	14	22	32	75	86	8.51	11.56	9.95	15.24	1,293	1,767	2,418	4,657	5,247	60	66	67	
Marion	4	8	11	22	25	9.74	9.42	9.59	16.14	825	1,414	2,187	3,726	4,520	38	60	58	
Meriwether	21	28	43	88	100	7.69	9.74	8.66	13.50	1,065	1,434	2,215	4,203	4,799	50	60	61	
Miller	5	9	13	26	35	10.31	11.46	10.85	33.73	736	1,378	2,077	4,238	5,521	34	57	70	
Mitchell	18	28	43	86	101	9.03	9.83	9.41	17.41	949	1,384	2,247	4,476	5,157	44	61	66	
Monroe	12	17	27	62	73	11.69	11.69	10.05	17.42	1,143	1,659	2,436	4,971	5,284	53	66	76	
Montgomery	6	8	13	28	33	8.56	11.33	9.87	17.13	892	1,256	1,967	4,377	4,934	42	54	63	
Morgan	10	16	24	55	65	9.12	11.67	10.32	18.33	1,003	1,472	2,450	5,375	6,413	47	67	82	
Murray	15	20	31	87	101	7.51	14.25	10.65	16.03	1,445	1,839	2,444	5,177	5,842	67	77	75	
Newton	31	45	70	171	196	8.49	12.19	10.23	14.59	1,500	1,965	2,703	5,231	5,980	70	74	76	
Oconee	8	13	20	49	57	9.15	12.63	10.78	17.49	1,329	1,968	2,512	4,852	4,786	62	69	61	
Oglethorpe	8	11	16	34														

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years 1—Continued

Area title	Total personal income									Per capita personal income							
	Millions of dollars					Average annual rate of growth				Dollars					Percent of U.S. average		
	1959	1965	1969	1977	1978	1959-69	1969-78	1959-78	1977-78	1959	1965	1969	1977	1978	1959	1969	1978
Terrell.....	11	18	25	42	50	8.22	7.91	8.07	20.26	919	1,465	2,240	3,747	4,679	43	61	60
Thomas.....	44	59	90	187	214	7.33	10.18	8.67	14.61	1,310	1,668	2,552	4,961	5,681	61	70	72
Tift.....	26	42	63	144	176	9.38	12.09	10.66	22.15	1,113	1,644	2,304	4,559	5,551	52	63	71
Toombs.....	20	30	43	98	114	7.93	11.43	9.57	15.68	1,213	1,667	2,258	4,551	5,319	57	62	68
Towns.....	4	6	8	19	22	8.40	11.72	9.96	15.47	825	1,190	1,789	3,851	4,446	38	49	57
Treutlen.....	5	7	10	21	25	6.31	10.89	8.46	16.62	913	1,205	1,693	3,463	3,963	43	46	51
Troup.....	64	88	129	271	293	7.25	9.59	8.35	8.15	1,380	1,984	2,879	5,960	6,418	64	79	82
Turner.....	8	14	20	37	48	9.24	10.26	9.72	28.63	995	1,503	2,277	4,203	5,363	46	62	68
Twiggs.....	8	10	14	30	34	5.81	10.45	7.98	10.46	1,002	1,231	1,665	3,678	4,126	47	45	53
Union.....	5	8	13	28	33	10.11	10.42	10.25	15.91	803	1,212	1,970	3,419	4,006	37	54	51
Upson.....	36	45	64	124	137	5.96	8.90	7.34	10.47	1,526	1,894	2,697	5,060	5,503	71	74	70
Walker.....	65	102	153	307	341	8.90	9.32	9.10	11.36	1,470	2,154	2,965	5,690	6,435	69	81	82
Walton.....	27	41	58	148	168	7.81	12.47	9.99	13.37	1,366	1,831	2,490	4,972	5,696	64	68	73
Ware.....	48	65	95	188	211	6.96	9.32	8.07	12.18	1,439	1,867	2,790	5,222	5,785	67	76	74
Warren.....	7	9	13	27	31	5.63	10.32	7.83	12.75	1,011	1,285	1,876	4,348	4,918	47	51	63
Washington.....	19	27	39	86	98	7.56	10.75	9.06	14.41	1,019	1,455	2,223	5,041	5,877	49	61	75
Wayne.....	19	28	42	93	108	8.19	11.00	9.51	16.73	1,097	1,490	2,373	4,788	5,576	51	65	71
Webster.....	2	4	4	8	10	6.83	10.17	8.40	36.52	711	1,166	1,743	3,184	4,324	33	48	55
Wheeler.....	4	6	10	18	23	8.48	9.92	9.16	24.55	819	1,192	2,086	3,744	4,589	38	57	59
White.....	7	10	17	36	42	8.76	10.47	9.56	15.97	1,083	1,411	2,231	3,981	4,680	50	61	60
Whitfield.....	72	108	175	389	428	9.22	10.45	9.80	9.78	1,753	2,183	3,296	6,406	7,028	82	90	90
Wilcox.....	7	11	15	29	36	7.11	10.36	8.64	22.57	948	1,445	2,111	4,135	4,879	44	58	62
Wilkes.....	13	18	25	52	59	6.72	10.03	8.28	13.81	1,214	1,709	2,449	5,018	5,698	57	67	73
Wilkinson.....	11	14	20	47	54	6.21	11.47	8.67	15.28	1,231	1,461	2,165	4,756	5,481	57	59	70
Worth.....	14	22	31	62	81	8.30	11.27	9.70	32.38	858	1,347	2,111	3,618	4,939	40	58	63
Columbus (consolidated government)	259	391	537	995	1,092	7.57	8.21	7.87	9.68	1,663	2,170	3,295	6,007	6,619	78	90	84
De Kalb + Fulton 3	1,931	2,915								2,421	3,078				113		
<b>Hawaii</b> .....	<b>1,283</b>	<b>2,033</b>	<b>3,099</b>	<b>6,746</b>	<b>7,490</b>	<b>9.22</b>	<b>10.30</b>	<b>9.73</b>	<b>11.02</b>	<b>2,103</b>	<b>2,912</b>	<b>4,170</b>	<b>7,669</b>	<b>8,465</b>	<b>98</b>	<b>114</b>	<b>108</b>
Sum of SMSA counties.....	1,061	1,706	2,634	5,621	6,233	9.51	10.04	9.76	10.88	2,201	3,029	4,365	7,965	8,806	103	119	112
Sum of non-SMSA counties	221	327	465	1,125	1,257	7.72	11.68	9.58	11.75	1,731	2,426	3,331	6,470	7,100	81	91	91
Hawaii.....	100	146	207	485	541	7.54	11.25	9.28	11.48	1,693	2,374	3,285	6,126	6,687	79	90	85
Honolulu.....	1,061	1,706	2,634	5,621	6,233	9.51	10.04	9.76	10.88	2,201	3,029	4,365	7,965	8,806	103	119	112
Kauai.....	50	72	101	220	244	7.40	10.29	8.76	11.10	1,822	2,508	3,368	6,401	7,044	85	92	90
Mau + Kalawao.....	71	108	156	419	471	8.17	13.04	10.45	12.42	1,726	2,445	3,371	6,960	7,676	80	92	98
<b>Idaho</b> .....	<b>1,186</b>	<b>1,634</b>	<b>2,115</b>	<b>5,301</b>	<b>6,207</b>	<b>5.96</b>	<b>12.71</b>	<b>9.10</b>	<b>17.10</b>	<b>1,804</b>	<b>2,383</b>	<b>2,992</b>	<b>6,193</b>	<b>7,074</b>	<b>84</b>	<b>82</b>	<b>90</b>
Sum of SMSA counties.....	210	287	401	1,162	1,348	6.66	14.43	10.27	16.02	2,284	2,819	3,632	8,017	8,823	106	99	113
Sum of non-SMSA counties	975	1,347	1,715	4,139	4,860	5.81	12.27	8.82	17.41	1,726	2,306	2,874	5,821	6,705	80	78	86
Ada.....	210	287	401	1,162	1,348	6.66	14.43	10.27	16.02	2,284	2,819	3,632	8,017	8,823	106	99	113
Adams.....	8	10	10	23	23	1.85	10.10	5.68	17.40	2,735	3,424	3,357	5,975	6,752	128	92	86
Bannock.....	91	119	151	406	453	5.18	12.99	8.81	11.52	1,875	2,319	2,932	6,637	7,246	87	80	92
Bear Lake.....	11	12	16	36	43	4.38	11.35	7.62	19.65	1,500	1,811	2,800	5,072	6,086	71	76	78
Benewah.....	9	12	17	44	52	6.75	13.05	9.69	18.41	1,517	1,974	2,799	5,894	7,054	71	76	90
Bingham.....	41	65	78	167	205	6.67	11.33	8.85	22.62	1,474	2,218	2,704	4,816	5,715	69	74	73
Blaine.....	8	12	19	59	71	9.59	15.66	12.43	19.77	1,682	2,305	3,343	6,704	7,664	78	91	98
Boise.....	3	3	5	13	16	4.86	14.83	9.47	17.23	1,736	1,848	2,614	5,650	5,687	81	71	73
Bonner.....	111	29	37	129	129	4.58	14.91	9.35	16.53	1,538	1,961	2,388	5,233	5,724	72	65	73
Bonneville.....	97	143	164	402	462	5.44	12.16	8.57	14.80	2,096	2,796	3,169	6,586	7,324	98	86	93
Boundary.....	9	11	15	37	43	5.58	12.29	8.71	16.72	1,535	1,932	2,790	5,066	6,395	72	76	82
Butte.....	4	6	9	18	22	7.14	10.76	8.84	28.15	1,305	1,881	3,068	5,407	6,845	61	84	87
Camas.....	2	2	3	6	6	5.11	9.01	6.94	30.42	2,008	3,054	4,133	6,202	8,447	94	113	108
Canyon.....	93	131	170	439	501	6.22	12.74	9.26	13.96	1,640	2,282	2,793	5,833	6,606	76	76	84
Caribou.....	11	17	22	47	63	7.17	12.62	9.71	33.64	1,846	2,753	3,307	5,063	7,325	86	90	93
Cassia.....	25	43	50	107	139	7.21	11.97	9.44	29.43	1,573	2,515	2,963	5,561	7,171	73	83	93
Clark.....	1	2	3	5	8	10.05	9.83	9.95	42.64	1,396	2,226	4,509	5,597	8,261	65	123	104
Clearwater.....	17	24	34	58	66	6.86	7.68	7.25	14.07	2,071	2,881	3,147	5,918	7,021	97	86	90
Custer.....	4	6	7	15	20	5.74	11.71	8.53	26.31	1,398	1,945	2,470	4,797	5,788	65	67	74
Elmore.....	32	40	53	115	137	5.07	11.14	7.90	18.85	1,959	2,132	2,967	5,601	6,419	91	81	82
Franklin.....	11	14	18	40	48	5.05	11.50	8.06	19.44	1,320	1,850	2,433	4,693	5,553	62	62	66
Fremont.....	11	19	23	48	58	7.38	10.87	8.97	20.98	1,355	2,178	2,642	4,538	5,258	62	72	67
Gem.....	14	17	24	57	68	5.40	12.25	8.59	19.07	1,588	1,869	2,593	5,261	6,399	74	71	81
Gooding.....	12	16	20	52	63	5.69	13.48	9.31	21.83	1,241	1,966	2,332	4,720	5,823	58	64	74
Idaho.....	20	27	36	77	94	5.83	11.18	8.33	21.43	1,536	2,029	2,827	5,820	6,814	72	77	87
Jefferson.....	16	26	30	65	77	6.17	11.22	8.53	18.87	1,419	2,232	2,546	4,593	5,139	66	69	66
Jerome.....	18	24	26	71	89	3.75	14.73	8.81	24.38	1,548	2,200	2,511	5,025	6,231	72	68	79
Kootenai.....	53	72	105	312	368	6.97	15.02	10.71	17.97	1,830	2,433	2,986	6,299	7,009	85	81	89
Latah.....	34	50	69	159	185	7.26	11.55	9.27	16.17	1,649	1,992	2,839					

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years 1—Continued

Area title	Total personal income										Per capita personal income						
	Millions of dollars					Average annual rate of growth					Dollars					Percent of U.S. average	
	1959	1965	1969	1977	1978	1959-69	1969-73	1959-78	1977-78	1959	1965	1969	1977	1978	1959	1969	1978
Cass.....	25	35	49	97	106	6.98	8.95	7.91	9.16	1,736	2,454	3,434	6,926	7,852	81	94	100
Champaign.....	270	390	548	1,094	1,174	7.32	8.83	8.03	7.31	2,062	2,847	3,411	6,635	7,152	96	93	91
Christian.....	69	95	130	277	289	6.58	9.29	7.85	4.54	1,868	2,667	3,597	6,538	7,922	87	98	101
Clark.....	27	39	53	101	107	7.06	8.05	7.53	5.91	1,644	2,470	3,271	6,137	6,462	77	89	82
Clay.....	23	30	38	82	85	5.09	9.43	7.12	4.70	1,475	2,020	2,552	5,470	5,891	69	70	75
Clinton.....	42	59	85	189	211	7.19	10.66	8.82	11.83	1,781	2,273	3,033	6,174	6,780	83	83	86
Coles.....	85	113	146	324	355	5.61	10.35	7.83	9.25	1,994	2,541	3,079	6,484	7,240	93	84	92
Cook.....	14,669	19,383	25,343	45,348	49,742	5.62	7.78	6.64	9.69	2,887	3,558	4,630	8,529	9,439	135	126	120
Crawford.....	38	50	62	140	152	4.98	10.44	7.53	8.66	1,861	2,549	3,117	7,020	7,549	87	85	96
Cumberland.....	14	19	25	54	56	6.22	9.25	7.64	2.99	1,405	1,914	2,574	5,216	5,264	66	70	67
De Kalb.....	122	178	239	457	512	7.00	8.82	7.86	12.00	2,375	2,804	3,436	6,335	7,212	111	94	92
De Witt.....	32	46	59	132	142	6.38	10.33	8.23	7.41	1,851	2,851	3,452	7,808	8,380	86	94	107
Douglas.....	35	50	66	155	163	6.42	10.63	8.39	5.29	1,855	2,721	3,454	8,144	8,341	86	94	106
Du Page.....	1,056	1,628	2,441	5,740	6,548	8.74	11.59	10.08	14.09	3,401	4,109	5,167	9,936	10,931	159	141	139
Edgar.....	40	58	75	152	163	6.36	9.07	7.63	7.37	1,808	2,634	3,441	7,081	7,669	84	94	98
Edwardsville.....	10	16	19	53	59	6.18	13.50	9.59	11.81	1,319	2,175	2,633	6,979	7,584	61	72	97
Effingham.....	37	50	69	186	204	6.43	12.90	9.44	9.88	1,606	2,147	2,792	6,426	6,944	75	76	89
Fayette.....	31	40	52	119	123	5.31	9.95	7.48	3.07	1,432	1,914	2,496	5,736	5,763	67	68	74
Ford.....	32	49	64	127	133	7.24	8.45	7.81	4.92	1,940	2,983	3,904	8,644	8,952	90	106	114
Franklin.....	58	76	107	263	277	6.35	11.16	8.60	5.53	1,487	1,953	2,778	6,294	6,969	69	76	85
Fulton.....	84	114	134	295	304	4.84	9.51	7.03	3.16	2,016	2,769	3,199	6,889	7,066	94	87	90
Gallatin.....	8	12	20	42	42	9.33	9.01	9.18	1.20	1,058	1,659	2,617	5,809	6,169	49	71	79
Greene.....	27	40	51	90	98	6.63	7.66	7.12	9.77	1,542	2,403	2,964	5,393	5,987	72	81	76
Grundy.....	51	71	107	249	278	7.77	11.22	9.39	11.86	2,285	2,871	4,085	8,634	9,285	107	111	118
Hamilton.....	11	16	20	48	49	6.58	10.51	8.42	1.91	1,070	1,784	2,279	5,553	5,403	50	62	69
Hancock.....	36	54	69	139	160	6.88	9.76	8.21	15.09	1,469	2,300	2,907	6,136	7,054	68	79	90
Hardin.....	8	10	10	22	24	2.24	9.93	5.81	6.78	1,395	2,055	2,026	4,336	4,500	65	55	57
Henderson.....	13	19	27	49	56	7.56	8.48	7.99	14.02	1,594	2,556	3,198	5,788	6,638	74	87	85
Henry.....	97	130	193	412	471	7.10	10.44	8.67	14.52	1,988	2,670	3,638	7,328	8,276	93	99	106
Iroquois.....	57	92	119	248	259	7.64	9.00	8.28	4.42	1,718	2,749	3,544	7,484	7,918	80	97	101
Jackson.....	70	103	143	337	364	7.32	10.97	9.04	8.07	1,686	2,102	2,671	5,935	6,523	79	73	83
Jasper.....	14	20	28	71	74	6.92	11.28	8.96	3.56	1,288	1,857	2,609	6,397	6,545	70	71	83
Jefferson.....	50	65	88	224	240	5.74	11.85	8.59	7.16	1,566	2,100	2,772	6,331	6,598	73	76	84
Jersey.....	28	40	56	116	130	7.20	9.76	8.40	12.02	1,635	2,232	3,059	5,908	6,443	78	83	82
Jo Daviess.....	32	44	61	121	141	6.68	9.81	8.15	16.63	1,473	2,027	2,788	5,348	6,219	69	76	79
Johnson.....	8	11	16	39	43	6.69	11.77	9.06	9.87	1,199	1,495	2,093	4,313	4,756	56	57	61
Kane.....	530	745	1,014	2,181	2,453	6.70	10.31	8.39	12.51	2,571	3,215	4,107	8,000	8,863	120	112	113
Kankakee.....	181	258	356	707	778	6.99	9.07	7.97	10.07	1,987	2,704	3,671	7,349	8,056	93	100	103
Kendall.....	46	73	118	270	315	9.86	11.53	10.65	16.71	2,647	3,151	4,638	8,256	9,022	123	126	115
Knox.....	121	162	214	434	483	5.92	9.43	7.57	11.14	1,988	2,682	3,489	7,159	7,975	93	95	102
Lake.....	900	1,310	1,871	3,763	4,250	7.58	9.55	8.51	12.96	3,096	3,853	4,995	8,973	9,903	144	136	126
La Salle.....	252	329	422	873	876	5.30	8.46	6.79	8.49	2,293	3,038	3,777	7,403	8,156	107	103	104
Lawrence.....	32	43	52	113	126	5.20	10.25	7.56	11.28	1,715	2,515	2,957	6,363	7,031	80	81	90
Lee.....	73	105	131	250	282	6.07	8.90	7.40	12.81	1,893	2,655	3,436	7,045	7,949	88	94	101
Livingston.....	73	111	147	307	327	7.23	9.27	8.19	6.42	1,834	2,789	3,614	7,537	8,029	86	99	102
Logan.....	56	83	115	235	259	7.52	9.41	8.41	10.09	1,677	2,478	3,431	7,810	8,684	78	94	111
McDonough.....	50	70	93	200	216	6.44	9.88	8.05	8.36	1,734	2,180	2,575	5,152	5,866	81	70	75
McHenry.....	216	317	469	1,048	1,202	8.07	11.04	9.46	14.67	2,585	3,237	4,301	7,798	8,585	121	117	110
McLean.....	194	280	375	840	911	6.82	10.38	8.49	8.44	2,330	3,046	3,651	7,167	7,863	109	100	98
Macon.....	254	345	482	969	1,069	6.61	9.24	7.85	10.34	2,171	2,821	3,867	7,628	8,361	101	105	107
Macoupin.....	74	103	139	313	344	6.52	10.62	8.45	9.94	1,710	2,277	3,113	6,730	7,323	80	85	93
Madison.....	526	714	959	1,816	2,003	6.19	8.53	7.29	10.26	2,361	2,928	3,848	7,389	8,148	110	105	104
Marion.....	73	90	120	267	290	5.14	10.28	7.54	8.84	1,871	2,365	3,076	6,484	6,932	87	84	88
Marshall.....	22	35	48	93	103	8.29	8.92	8.59	10.81	1,631	2,714	3,582	6,854	7,596	76	98	97
Mason.....	26	41	58	134	147	8.26	10.88	9.49	9.50	1,744	2,636	3,602	7,019	7,426	81	98	95
Massac.....	19	25	34	79	89	5.84	11.19	8.34	12.73	1,369	1,852	2,458	5,523	5,943	64	67	76
Menard.....	19	26	37	93	101	7.17	11.82	9.34	8.58	2,024	2,753	3,832	8,430	9,000	94	104	115
Mercer.....	29	41	53	108	129	6.34	10.33	8.21	18.75	1,691	2,418	3,067	6,063	7,064	79	84	90
Monroe.....	31	48	66	142	156	7.89	10.08	8.92	10.23	2,004	2,990	3,569	7,480	8,127	93	97	104
Montgomery.....	55	74	97	222	241	5.75	10.66	8.05	8.48	1,790	2,477	3,183	7,199	7,789	83	87	99
Morgan.....	62	93	130	282	308	7.62	10.10	8.78	9.41	1,719	2,572	3,571	7,930	8,744	80	97	112
Moultrie.....	25	35	47	101	108	6.61	9.56	8.00	7.06	1,853	2,761	3,559	7,418	8,005	86	97	102
Ogle.....	81	115	155	283	324	6.73	8.58	7.61	14.74	2,134	2,760	3,637	6,626	7,602	99	99	97
Peoria.....	462	618	781	1,700	1,926	5.40	10.55	7.81	13.27	2,465	3,239	4,000	8,539	9,652	115	109	123
Perry.....	30	40	62	153	163	7.59	11.36	9.36	6.50	1,569	1,959	3,136	7,338	7,774	73	86	99
Piatt.....	31	46	63	131	141	7.45	9.43	8.38	7.52	2,063	2,922	4,046	8,172	8,802	96	110	112
Pike.....	31	40	55	100	116	6.05	8.53	7.22	15.85	1,512	2,100	2,860	5,291	6,167	70	78	79
Pope.....	4	5	7	15	17	6.87	10.25	8.46	9.67	889	1,333	1,792	3,533	3,690	41	49	47
Pulaski.....	10	14	18	42	43	5.97	10.01	7.87	1.76	987	1,497	2,049	4,792	5,013	46	56	64
Putnam.....	10	13	17	35	39	5.86	9.34	7.49	10.75	2,181	3,320	3,503	6,328	7,012	102	96	89
Randolph.....	53	70	93	211	231	5.77	10.63	8.05	9.42	1,787	2,412	2,969	6,210	6,730	83	81	86
Richland.....	26	35	46	109	116	6.03	10.79	8.26	5.84	1,587	2,080	2,733	6,360	6,758	74	75	86
Rock Island.....	374	503	660	1,351	1,462	5.84	9.25	7.44	8.19	2,501	3,218	3,981	8,291	9,046	117	109	115
St. Clair.....	516	701	918	1,778	1,948	5.93	8.72	7.24	9.56	1,984	2,529	3,233	6,378	6,959	92	88	89
Saline.....	39	50	73	170													

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years 1—Continued

Area title	Total personal income										Per capita personal income						
	Millions of dollars					Average annual rate of growth					Dollars					Percent of U.S. average	
	1959	1965	1969	1977	1978	1959-69	1969-78	1959-78	1977-78	1959	1965	1969	1977	1978	1959	1969	1978
Woodford.....	51	76	101	225	258	7.11	11.01	8.94	14.41	2,078	2,919	3,622	7,292	8,031	97	99	102
Indiana.....	9,570	13,717	18,572	37,012	41,398	6.86	9.31	8.01	11.85	2,074	2,787	3,611	6,918	7,703	97	98	98
Sum of SMSA counties.....	7,127	10,044	13,518	26,930	30,129	6.61	9.31	7.88	11.88	2,233	2,934	3,738	7,161	7,964	104	102	102
Sum of non-SMSA counties.....	2,443	3,673	5,054	10,083	11,268	7.54	9.32	8.38	11.76	1,719	2,451	3,310	6,343	7,082	80	90	90
Adams.....	43	65	87	196	221	7.40	10.95	9.07	12.68	1,743	2,501	3,251	7,051	7,938	81	89	101
Allen.....	50	800	1,075	2,153	2,416	6.53	9.41	7.89	12.20	2,486	3,074	3,912	7,455	8,297	116	107	106
Bartholomew.....	111	159	219	466	529	6.99	10.32	8.55	13.45	2,333	2,959	3,890	7,742	8,699	109	106	111
Benton.....	17	33	41	83	90	9.48	8.95	9.23	8.27	1,422	2,888	3,658	7,639	8,405	66	100	107
Blackford.....	26	38	51	96	105	6.99	8.32	7.62	9.50	1,772	2,370	3,226	6,087	6,904	83	88	88
Boone.....	53	80	110	244	275	7.47	10.73	9.00	12.80	1,960	2,607	3,590	7,275	7,987	91	98	102
Brown.....	10	17	25	56	64	9.16	11.24	10.14	13.73	1,474	1,905	2,773	5,557	6,216	69	78	79
Carroll.....	28	46	60	130	147	7.78	10.39	9.01	13.20	1,701	2,671	3,409	7,273	8,114	79	93	103
Cass.....	74	106	147	291	323	7.17	9.16	8.11	11.33	1,816	2,523	3,625	7,337	8,229	85	99	105
Clark.....	117	164	267	528	597	8.58	9.35	8.94	13.00	1,887	2,371	3,576	6,143	6,789	88	98	87
Clay.....	39	56	75	154	171	6.86	9.62	8.16	10.84	1,609	2,451	3,120	6,260	6,846	75	85	87
Clinton.....	53	80	108	222	243	7.39	9.39	8.33	9.31	1,744	2,669	3,537	7,248	8,159	81	96	104
Crawford.....	11	13	21	41	45	6.66	9.12	7.82	11.03	1,308	1,632	2,559	4,628	5,135	61	70	65
Daviess.....	37	55	83	155	169	8.49	8.24	8.37	9.40	1,393	2,077	3,113	5,943	6,560	85	85	84
Dearborn.....	54	71	94	186	209	5.74	9.21	7.37	11.92	1,905	2,462	3,212	5,748	6,284	89	88	80
Decatur.....	32	50	71	153	172	8.32	10.34	9.28	12.63	1,610	2,367	3,152	6,405	7,220	75	86	92
De Kalb.....	54	79	108	222	248	7.14	9.68	8.34	11.86	1,938	2,700	3,529	6,952	7,785	90	96	99
Delaware.....	225	323	424	788	870	6.57	8.31	7.39	10.40	2,046	2,770	3,328	6,121	6,815	95	91	87
Dubois.....	43	68	100	211	244	8.74	10.36	9.51	15.76	1,598	2,366	3,277	6,483	7,463	74	89	95
Elkhart.....	246	356	511	991	1,121	7.58	9.12	8.30	13.11	2,330	2,983	4,100	7,388	8,261	109	112	105
Fayette.....	39	66	88	181	196	8.30	9.33	8.79	8.07	1,632	2,599	3,363	6,597	7,296	76	92	93
Floyd.....	99	132	193	377	422	6.88	9.10	7.93	12.19	1,950	2,539	3,491	6,555	7,225	91	95	92
Fountain.....	32	48	61	117	129	6.84	8.65	7.69	10.48	1,708	2,464	3,344	6,395	7,054	80	91	90
Franklin.....	20	31	46	90	101	8.83	9.09	8.96	11.70	1,173	1,786	2,713	4,897	5,360	55	74	68
Fulton.....	29	43	56	114	128	6.85	9.57	8.13	12.98	1,733	2,604	3,320	6,530	7,135	81	91	91
Gibson.....	46	71	97	217	243	7.80	10.70	9.16	11.93	1,548	2,327	3,194	6,816	7,565	72	87	96
Grant.....	154	215	283	555	597	6.27	8.67	7.40	7.56	2,053	2,645	3,394	6,678	7,216	96	93	92
Greene.....	38	57	77	153	169	7.18	9.21	8.14	10.83	1,469	2,122	2,849	5,424	6,032	68	78	77
Hamilton.....	101	152	210	368	403	7.63	13.46	10.35	15.06	2,532	3,206	4,048	7,698	8,225	118	108	105
Hancock.....	57	92	129	303	337	8.56	11.28	9.84	11.25	2,149	3,013	3,766	7,290	7,985	100	103	102
Harrison.....	26	40	60	142	157	8.52	11.33	9.84	10.84	1,388	1,970	2,937	5,368	6,203	65	80	79
Hendricks.....	91	137	195	463	520	7.89	11.49	9.58	12.16	2,257	2,943	3,713	7,163	7,868	105	101	100
Henry.....	86	132	182	368	398	7.81	9.07	8.40	8.07	1,775	2,559	3,480	6,834	7,428	83	95	95
Howard.....	100	245	321	705	788	7.21	10.52	8.77	11.78	2,323	3,150	3,913	8,042	8,970	108	107	114
Huntington.....	64	97	124	249	274	6.75	9.26	7.93	10.01	1,921	2,856	3,540	7,065	7,784	90	97	99
Jackson.....	52	79	114	218	254	8.26	9.28	8.74	16.60	1,708	2,496	3,463	6,328	7,306	80	94	83
Jasper.....	31	52	70	146	165	8.39	9.99	9.15	12.56	1,675	2,691	3,445	5,999	6,788	78	94	87
Jay.....	41	56	75	145	163	6.05	9.10	7.48	12.42	1,856	2,401	3,172	6,083	7,008	87	87	89
Jefferson.....	36	55	79	160	190	8.27	10.22	9.19	18.95	1,505	2,111	2,965	5,808	6,752	79	81	86
Jennings.....	22	34	49	109	124	8.47	10.84	9.58	14.13	1,274	1,685	2,553	5,172	5,894	59	70	75
Johnson.....	101	145	201	474	544	7.17	11.68	9.28	14.95	2,331	2,848	3,447	6,468	7,173	109	94	91
Knox.....	60	89	122	239	263	7.46	8.88	8.13	10.35	1,450	2,075	2,944	6,030	6,703	68	80	85
Kosciusko.....	77	120	173	370	417	8.34	10.29	9.26	12.65	1,989	2,646	3,639	6,836	7,531	90	99	96
Lagrange.....	25	39	60	121	138	9.19	9.73	9.45	14.17	1,449	1,981	2,917	5,137	5,726	68	80	73
Lake.....	1,138	1,543	2,097	3,961	4,433	5.99	9.03	7.42	11.93	2,242	2,890	3,746	7,301	8,219	105	102	105
La Porte.....	197	284	379	738	835	6.79	9.16	7.90	13.11	2,092	2,752	3,634	6,917	7,850	98	99	100
Lawrence.....	59	87	126	242	275	7.86	9.09	8.44	13.90	1,631	2,043	3,315	5,957	6,798	76	90	87
Madison.....	268	384	491	963	1,058	6.22	8.91	7.48	9.77	2,156	2,986	3,572	6,977	7,656	101	97	98
Marion.....	1,821	2,501	3,301	6,014	6,668	6.13	8.13	7.07	10.87	2,638	3,364	4,216	7,784	8,679	123	115	111
Marshall.....	60	85	116	251	284	6.78	10.52	8.53	13.05	1,869	2,692	3,322	6,593	7,274	87	91	93
Martin.....	15	21	32	56	64	7.69	7.88	7.78	14.06	1,471	1,907	2,957	5,098	5,821	69	81	74
Miami.....	68	96	132	241	266	6.85	8.06	7.42	10.19	1,813	2,421	3,373	6,129	6,801	85	92	87
Monroe.....	102	163	228	489	550	8.34	10.30	9.26	12.36	1,744	2,177	2,778	5,337	5,961	81	76	76
Montgomery.....	59	90	114	233	258	6.77	9.50	8.06	10.47	1,862	2,736	3,369	6,835	7,515	87	92	96
Morgan.....	58	97	145	322	362	9.52	10.74	10.09	12.54	1,740	2,491	3,357	6,442	7,084	81	92	90
Newton.....	18	31	41	81	89	8.33	9.04	8.67	9.68	1,612	2,620	3,519	5,891	6,484	75	96	83
Noble.....	47	75	106	213	240	8.42	9.53	8.94	12.61	1,691	2,480	3,399	6,425	7,213	79	93	92
Ohio.....	6	8	13	24	27	8.60	8.89	8.73	11.90	1,341	1,960	2,946	5,075	5,323	63	80	68
Orange.....	22	33	45	83	96	7.32	8.64	7.94	14.55	1,340	1,896	2,674	4,755	5,497	62	73	70
Owen.....	15	24	34	69	77	8.69	9.62	9.13	12.09	1,302	2,010	2,792	4,957	5,486	61	76	70
Parke.....	20	31	44	86	96	8.21	9.04	8.60	10.86	1,365	1,956	3,006	5,483	6,057	64	82	77
Perry.....	27	38	52	98	114	6.79	9.13	7.89	16.57	1,585	2,055	2,756	5,318	6,242	74	7	



Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years 1—Continued

Area title	Total personal income									Per capita personal income							
	Millions of dollars					Average annual rate of growth				Dollars					Percent of U.S. average		
	1959	1965	1969	1977	1978	1959-69	1969-78	1959-78	1977-78	1959	1965	1969	1977	1978	1959	1969	1978
Wayne.....	154	217	286	485	541	6.35	7.34	6.82	11.49	2,107	2,879	3,631	6,307	7,147	98	99	91
Wells.....	38	61	81	183	202	7.75	10.69	9.13	10.17	1,828	2,839	3,440	7,392	8,154	85	94	104
White.....	32	56	77	167	186	9.23	10.32	9.75	11.77	1,632	2,827	3,681	7,460	8,254	76	100	105
Whitley.....	37	59	81	173	194	8.18	10.28	9.17	12.19	1,770	2,773	3,481	6,962	7,696	83	95	98
Iowa.....	5,233	7,441	9,653	19,813	22,748	6.31	9.99	8.04	14.82	1,917	2,714	3,441	6,861	7,856	89	94	100
Sum of SMSA counties.....	2,309	3,039	3,989	8,631	9,667	5.66	10.34	7.85	12.00	2,347	2,930	3,654	7,508	8,372	109	100	107
Sum of non-SMSA counties.....	2,933	4,402	5,664	11,181	13,081	6.80	9.75	8.19	16.99	1,677	2,822	3,396	6,433	7,514	78	90	96
Adair.....	16	24	29	56	69	6.41	10.09	8.14	23.72	1,450	2,525	3,151	5,866	7,037	68	86	90
Adams.....	10	15	19	32	41	6.17	9.18	7.59	27.73	1,382	2,226	3,037	5,246	6,568	64	83	84
Allamakee.....	21	31	41	89	97	6.97	10.10	8.44	9.21	1,312	2,106	2,687	5,632	6,115	61	73	78
Appanoose.....	21	30	40	80	87	6.64	9.02	7.76	8.51	1,330	1,940	2,659	5,181	5,707	62	73	73
Audubon.....	15	26	31	46	59	7.68	7.48	7.59	28.38	1,367	2,715	3,285	5,063	6,402	64	90	82
Benton.....	41	60	74	143	170	5.94	9.74	7.72	18.99	1,786	2,838	3,265	5,987	7,067	83	89	90
Black Hawk.....	291	359	447	1,012	1,119	4.38	10.72	7.34	10.55	2,404	2,913	3,412	7,403	8,060	112	93	103
Boone.....	49	72	90	164	192	6.36	8.77	7.50	16.77	1,750	2,903	3,494	6,201	7,267	82	95	93
Bremer.....	34	53	73	156	179	8.02	10.56	9.22	14.61	1,608	2,287	3,265	6,484	7,340	75	89	94
Buchanan.....	29	48	63	141	164	8.06	11.25	9.56	16.55	1,316	2,159	3,027	6,144	7,186	61	83	92
Buena Vista.....	34	59	75	152	175	8.22	9.86	8.99	15.21	1,628	2,995	3,623	7,415	8,527	76	99	109
Butler.....	30	40	51	109	129	5.48	10.83	7.98	18.23	1,737	2,249	3,073	6,269	7,468	81	84	95
Calhoun.....	24	42	48	89	104	7.17	9.10	8.08	16.68	1,513	2,896	3,223	6,520	7,647	71	88	98
Carroll.....	34	59	74	131	160	8.14	9.01	8.55	22.75	1,455	2,672	3,205	5,611	6,819	68	87	87
Cass.....	39	45	55	113	136	3.52	10.59	6.81	19.78	2,190	2,785	3,178	6,677	7,923	102	87	101
Cedar.....	28	46	61	123	150	7.96	10.54	9.17	22.72	1,612	2,720	3,449	6,788	8,112	75	94	106
Cerro Gordo.....	95	127	169	350	398	5.95	9.98	7.84	13.46	1,918	2,503	3,434	7,234	8,284	89	94	106
Cherokee.....	35	47	61	115	136	5.66	9.39	7.41	18.91	1,903	2,745	3,524	6,980	8,242	89	96	105
Chickasaw.....	22	32	41	98	112	6.65	11.79	9.05	14.50	1,455	2,177	2,813	6,343	7,224	68	77	92
Clarke.....	15	17	23	47	54	4.62	9.88	7.08	14.62	1,800	2,179	3,037	5,841	6,636	84	83	85
Clay.....	36	51	64	142	161	5.78	10.79	8.13	13.18	1,988	2,830	3,480	7,365	8,203	93	95	105
Clayton.....	24	41	59	128	150	9.30	10.93	10.07	17.01	1,112	2,112	2,839	6,133	7,257	52	77	93
Clinton.....	98	143	211	386	443	7.96	8.60	8.26	14.72	1,799	2,726	3,726	6,668	7,613	84	102	97
Crawford.....	30	50	60	110	130	7.11	9.05	8.02	18.70	1,632	2,622	3,095	5,813	6,903	76	84	88
Dallas.....	44	68	93	185	210	7.73	9.53	8.58	13.66	1,842	2,674	3,610	6,607	7,370	86	98	94
Davis.....	15	17	23	43	49	4.37	9.01	6.54	15.86	1,631	2,141	2,734	4,790	5,650	76	75	72
Decatur.....	14	17	23	43	49	5.23	8.42	6.73	12.41	1,350	1,202	2,384	4,345	4,953	63	65	63
Delaware.....	20	37	49	111	135	9.20	11.93	10.49	22.18	1,114	1,852	2,607	5,786	7,037	52	71	90
Des Moines.....	97	137	194	336	375	7.21	7.60	7.40	11.69	2,189	3,174	4,102	7,398	8,175	102	112	104
Dickinson.....	20	34	42	103	116	7.56	11.99	9.64	13.18	1,625	2,923	3,291	7,172	8,051	76	90	103
Dubuque.....	160	214	297	677	753	6.40	10.87	8.50	11.22	2,017	2,448	3,299	7,225	8,105	94	90	103
Emmet.....	21	36	45	93	108	8.04	10.06	8.99	15.54	1,424	2,525	3,254	6,668	7,780	66	89	99
Fayette.....	35	57	75	155	180	7.90	10.26	9.01	15.97	1,232	2,175	2,724	5,971	7,047	57	74	90
Floyd.....	43	56	67	132	148	4.42	9.19	6.65	12.11	2,083	2,677	3,372	6,610	7,368	97	92	94
Franklin.....	40	43	43	81	96	5.80	9.24	7.41	19.37	1,613	2,854	3,300	6,161	7,245	75	90	82
Fremont.....	17	28	36	58	69	7.52	7.61	7.56	20.24	1,707	3,036	3,851	6,335	7,623	80	105	97
Greene.....	25	41	49	74	91	7.06	7.28	7.17	24.17	1,724	3,192	3,820	7,633	8,783	80	104	98
Grundy.....	24	39	48	97	114	7.44	9.92	8.60	17.15	1,692	2,888	3,469	6,896	7,937	79	95	101
Guthrie.....	17	30	37	66	78	8.24	8.57	8.40	19.08	1,253	2,477	3,050	5,271	6,420	58	83	82
Hamilton.....	35	55	65	114	135	6.40	8.44	7.36	18.93	1,769	2,796	3,500	6,468	7,655	82	95	98
Hancock.....	21	36	43	96	111	7.22	11.16	9.07	15.82	1,481	2,582	3,242	6,974	8,113	69	88	103
Hardin.....	43	61	80	140	166	6.41	8.50	7.39	19.21	1,924	2,519	3,620	6,381	7,760	90	99	99
Harrison.....	27	43	54	94	113	7.35	8.50	7.89	20.56	1,534	2,786	3,335	5,636	6,925	72	91	88
Henry.....	31	45	61	122	141	6.97	9.75	8.28	16.28	1,731	2,239	3,367	6,792	7,794	81	92	99
Howard.....	18	24	29	71	82	4.81	12.13	8.21	16.34	1,461	2,038	2,527	6,261	7,404	68	69	94
Humboldt.....	22	35	43	86	100	6.93	9.90	8.33	15.70	1,679	2,847	3,385	6,763	7,997	78	92	102
Ida.....	17	27	35	59	75	7.63	8.76	8.16	26.02	1,653	2,767	3,818	6,659	8,446	77	104	108
Iowa.....	28	42	55	100	118	7.15	8.86	7.95	18.40	1,701	2,675	3,522	6,516	7,852	79	96	100
Jackson.....	33	48	63	125	149	6.79	10.03	8.31	18.75	1,589	2,406	3,037	6,508	7,569	74	83	84
Jasper.....	69	96	125	241	280	6.18	9.36	7.68	16.48	1,969	2,772	3,560	6,579	7,652	92	97	98
Jefferson.....	25	41	50	99	116	7.23	9.77	8.43	17.27	1,587	1,928	3,225	6,602	7,604	74	88	96
Johnson.....	96	150	212	517	581	8.24	11.82	9.92	12.20	1,812	2,262	3,130	6,718	7,441	84	85	95
Jones.....	33	49	61	119	143	6.28	9.86	7.96	20.35	1,630	2,487	3,134	5,947	7,231	76	85	92
Keokuk.....	23	36	45	88	106	7.18	9.91	8.46	19.84	1,472	2,559	3,162	6,604	8,013	69	86	102
Kossuth.....	40	65	75	150	178	6.20	10.36	8.15	18.78	1,604	2,662	3,164	6,604	7,796	75	86	99
Lee.....	84	110	139	289	332	5.12	10.13	7.46	14.73	1,931	2,706	3,245	6,820	7,824	90	88	100
Linn.....	365	481	635	1,296	1,466	5.70	9.75	7.60	13.10	2,691	3,166	3,926	7,811	8,808	125	107	112
Louisa.....	16	26	36	73	84	8.62	10.04	9.29	15.43	1,529	2,315	3,276	6,396	7,285	71	89	93
Lucas.....	18	21	28	58	69	5.70	10.50	7.95	18.62	1,493	2,023	2,700	5,800	6,815	70	74	87
Lyon.....	20	30															

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years<sup>1</sup>—Continued

Area title	Total personal income									Per capita personal income							
	Millions of dollars					Average annual rate of growth				Dollars					Percent of U.S. average		
	1959	1965	1969	1977	1978	1959-69	1969-78	1959-78	1977-78	1959	1965	1969	1977	1978	1959	1969	1978
Taylor.....	13	18	24	43	51	6.72	8.71	7.66	19.10	1,238	1,949	2,694	5,302	6,229	58	73	79
Union.....	21	32	40	78	92	6.63	9.75	8.10	17.85	1,539	2,476	2,933	5,826	6,778	72	80	86
Van Buren.....	12	19	24	45	52	6.72	9.32	7.94	15.76	1,268	2,225	2,674	5,185	6,040	59	73	77
Wapello.....	81	112	144	258	292	5.90	8.22	6.99	13.33	1,773	2,708	3,383	6,400	7,232	83	92	92
Warren.....	41	69	92	214	246	8.36	11.54	9.86	14.99	1,999	2,838	3,488	6,441	7,210	93	95	92
Washington.....	32	51	65	138	165	7.33	11.00	9.05	19.73	1,660	2,900	3,434	7,253	8,751	77	94	112
Wayne.....	13	20	22	43	54	5.88	10.38	7.99	25.13	1,291	2,387	2,621	5,159	6,520	60	71	83
Webster.....	88	131	170	319	358	6.79	8.67	7.68	12.53	1,858	2,878	3,521	6,751	7,621	87	96	97
Winnemago.....	24	34	46	106	123	6.72	11.45	8.93	16.20	1,862	2,363	3,544	7,718	8,330	87	97	113
Winneshiek.....	29	42	55	121	135	6.52	10.56	8.41	11.21	1,354	1,976	2,631	5,537	6,141	63	72	78
Woodbury.....	223	286	360	742	835	4.90	9.79	7.19	12.49	2,091	2,877	3,498	7,158	8,126	97	95	104
Worth.....	15	22	28	60	72	6.67	11.05	8.72	19.04	1,448	2,494	3,168	6,785	7,909	68	86	101
Wright.....	33	53	62	127	146	6.50	9.97	8.13	14.64	1,715	3,158	3,541	7,690	8,660	80	97	110
<b>Kansas.....</b>	<b>4,384</b>	<b>5,805</b>	<b>7,758</b>	<b>16,246</b>	<b>18,421</b>	<b>5.87</b>	<b>10.09</b>	<b>7.85</b>	<b>13.39</b>	<b>2,029</b>	<b>2,631</b>	<b>3,470</b>	<b>7,093</b>	<b>7,846</b>	<b>95</b>	<b>95</b>	<b>100</b>
Sum of SMSA counties.....	2,185	2,914	3,933	8,371	9,474	6.05	10.26	8.03	13.18	2,396	2,979	3,826	7,847	8,724	112	104	111
Sum of non-SMSA counties.....	2,198	2,890	3,825	7,875	8,947	5.70	9.90	7.67	13.61	1,762	2,354	3,166	6,285	7,091	82	86	90
Allen.....	28	33	42	92	104	4.28	10.63	7.23	12.30	1,697	2,193	2,771	5,897	6,492	79	76	83
Anderson.....	14	20	24	52	54	5.48	9.31	7.28	4.15	1,584	2,423	2,851	6,073	6,293	74	78	80
Atchison.....	37	46	57	110	126	4.35	9.12	6.58	14.40	1,808	2,318	2,970	6,109	7,085	84	81	90
Barber.....	11	18	25	41	49	8.13	7.84	7.99	19.56	1,315	2,420	3,477	6,160	7,702	61	95	98
Barton.....	61	81	107	224	251	5.72	9.96	7.71	11.71	1,904	2,594	3,465	7,162	7,927	89	94	101
Bourbon.....	27	36	45	102	119	5.39	11.34	8.17	16.31	1,678	2,293	2,952	6,543	7,487	78	81	95
Brown.....	23	29	38	71	83	5.04	9.06	6.92	15.97	1,766	2,334	3,200	6,147	7,084	82	87	90
Butler.....	84	96	126	267	311	4.14	10.52	7.11	16.53	2,215	2,458	3,278	6,382	7,154	103	89	91
Chase.....	7	7	12	20	20	8.77	5.69	7.30	2.61	1,359	2,089	3,546	5,604	5,889	63	97	75
Chautauqua.....	10	11	12	25	30	1.44	10.97	5.85	21.70	1,746	2,189	2,511	5,251	6,838	81	68	87
Cherokee.....	41	48	59	112	123	3.61	8.54	5.92	9.35	1,806	2,194	2,719	5,184	5,691	87	74	73
Cheyenne.....	10	11	14	20	24	3.31	6.23	4.68	19.72	2,111	2,512	3,184	4,814	6,079	98	87	78
Clark.....	4	9	10	18	23	9.54	9.31	9.43	26.82	1,235	2,834	3,518	6,370	8,351	98	96	107
Clay.....	20	24	30	55	66	4.28	9.03	6.50	20.36	1,886	2,260	3,043	5,501	6,534	88	83	83
Cloud.....	24	33	42	83	95	5.79	9.60	7.58	15.09	1,696	2,476	3,097	6,405	7,329	78	84	93
Coffey.....	14	15	20	47	50	4.10	10.46	7.06	6.23	1,631	1,945	2,718	5,823	5,608	76	74	72
Comanche.....	5	9	12	14	15	9.71	1.98	5.98	9.12	1,520	3,153	4,563	5,018	5,541	71	124	71
Cowley.....	64	83	111	222	250	5.64	9.46	7.43	12.43	1,704	2,373	3,157	6,400	7,075	79	86	90
Crawford.....	68	86	109	222	248	4.88	9.53	7.06	11.59	1,848	2,232	2,886	5,885	6,593	86	79	84
Decatur.....	10	12	17	30	34	5.79	8.14	6.90	15.26	1,677	2,235	3,331	6,015	6,696	78	91	85
Dickinson.....	38	48	60	118	136	4.53	9.55	6.88	15.74	1,797	2,391	2,986	5,657	6,054	84	81	85
Doniphan.....	16	21	26	49	62	5.11	10.08	7.44	26.66	1,681	2,226	2,864	5,439	7,002	78	78	89
Douglas.....	80	114	160	366	409	7.12	11.03	8.95	11.75	1,851	2,118	2,803	5,757	6,277	86	76	80
Edwards.....	8	13	16	29	29	7.21	7.06	7.14	1.30	1,564	2,674	3,444	6,342	6,485	73	94	83
Elk.....	6	8	10	18	20	5.82	7.55	6.64	8.85	1,161	1,822	2,604	4,637	5,027	54	71	64
Ellis.....	34	46	63	149	165	6.43	11.34	8.73	10.47	1,593	1,874	2,551	5,617	6,024	74	70	77
Ellsworth.....	12	15	20	42	47	5.77	9.71	7.62	11.77	1,537	2,121	3,237	6,171	7,675	72	88	98
Finney.....	30	46	61	180	227	7.32	15.76	11.23	26.46	1,885	2,490	3,236	7,734	9,582	88	88	122
Ford.....	43	60	79	183	213	6.25	11.68	8.79	16.60	2,074	2,743	3,516	7,697	8,886	97	96	113
Franklin.....	31	43	58	135	150	6.35	11.14	8.59	11.52	1,619	2,125	2,907	6,518	7,158	75	79	91
Geary.....	52	59	99	180	195	6.64	7.87	7.22	8.26	1,821	1,932	4,100	6,253	6,836	85	112	87
Gove.....	6	10	13	22	27	8.89	8.46	8.69	25.16	1,376	2,440	3,330	5,410	6,918	64	91	88
Graham.....	8	11	13	22	27	5.16	8.42	6.69	20.62	1,417	2,307	2,711	5,045	6,105	96	74	78
Grant.....	13	17	22	53	59	5.70	11.48	8.40	11.94	2,447	2,829	3,751	7,445	8,028	114	102	102
Gray.....	8	13	20	34	43	10.27	8.77	9.55	24.90	1,744	2,743	4,433	6,493	8,285	81	121	106
Greeley.....	5	4	9	16	24	5.67	12.09	8.66	51.57	2,425	2,256	4,716	5,514	13,153	113	129	168
Greenwood.....	15	19	26	50	56	5.68	8.68	7.09	12.44	1,366	2,008	2,864	5,379	6,105	64	78	78
Hamilton.....	7	7	9	15	20	2.23	8.77	5.28	27.81	2,366	2,403	3,343	5,217	6,774	110	91	86
Harper.....	17	22	28	50	58	5.20	8.24	6.63	14.61	1,797	2,640	3,526	6,515	7,306	84	96	93
Harvey.....	51	68	88	197	216	5.64	10.46	7.90	9.96	1,988	2,518	3,252	6,656	7,416	93	89	95
Haskell.....	6	10	18	35	59	10.71	14.18	12.34	65.83	2,166	2,843	4,878	8,217	13,203	101	133	168
Hodgeman.....	3	7	11	16	21	12.57	7.86	10.31	28.74	1,061	2,588	3,973	6,386	8,371	49	108	107
Jackson.....	16	22	29	64	70	5.99	10.40	8.05	10.56	1,579	2,068	2,786	5,390	5,835	74	76	74
Jefferson.....	19	27	36	87	101	6.66	12.16	9.23	15.49	1,683	2,258	3,009	6,117	6,887	78	82	88
Jewell.....	10	16	19	27	33	6.45	6.22	6.34	21.94	1,456	2,405	3,151	4,796	5,736	68	86	73
Johnson.....	474	743	1,091	2,483	2,815	8.69	11.10	9.83	13.36	3,327	3,910	5,070	9,848	10,719	155	138	137
Kearny.....	6	8	11	21	25	6.97	9.49	8.16	15.99	1,799	2,655	3,571	6,619	6,719	84	97	84
Kingman.....	14	20	28	51	57	6.81	8.40	7.56	11.91	1,450	2,162	3,084	5,749	6,397	68	84	82
Kiowa.....	7	11	16	28	32	7.87	8.41	8.13	17.01	1,602	2,633	3,801	6,682	7,947	75	104	101
Labette.....	47	54	82	138	158	5.70	7.60	6.60	14.47	1,762	2,016	3,149	5,411	6,087	82	86	78
Lane.....	7	8	11	19	26	5.65	9.46	7.44	30.86	2,150	2,732	4,121	7,064	9,640	100	112	123
Leavenworth.....	76	104	146	322	356	6.71	10.38	8.43	10.57	1,590	1,970	2,757	5,953	6,462	74	75	82
Lincoln.....	9	13	14	27	31	5.15	9.08	7.00	16.31	1,573	2,691	3,091	5,974	7,006	73	84	89
Linn.....	13	17	19	49	52	4.17	11.63	7.64	6.18	1,572	2,065	2,479	5,725	6,007	73	68	77
Logan.....	8	10	12	22	27	3.99	8.86	6.27	22.89	2,104	2,496	3,261	5,766	7,412	98	89	95
Lyon.....	48	64	86	221	247	6.05	12.36	8.99	11.57	1,799	2,056	2,723	6,525	7,072	84	74	90
McPherson.....	46	63	84	174	202	6.23	10.23	8.10	15.98	1,908	2,555	3,402	6,734	7,685	89	93	98
Marion.....	23	31	36	70	78	4.55	8.90	6.59	10.88	1,537	2,117	2,568	5,177	5,779	72	70	74
Marshall.....	27	32	41	75	96	4.47	9.81	6.97	27.19	1,721	2,364						



Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years 1—Continued

Area title	Total personal income									Per capita personal income							
	Millions of dollars					Average annual rate of growth				Dollars					Percent of U.S. average		
	1959	1965	1969	1977	1978	1959-69	1969-78	1959-78	1977-78	1959	1965	1969	1977	1978	1959	1969	1978
Reno	117	162	212	436	485	6.09	9.65	7.76	11.13	2,002	2,667	3,490	6,866	7,611	93	95	97
Republic	15	22	26	44	51	5.39	7.95	6.59	15.25	1,563	2,478	2,978	5,636	6,634	73	81	85
Rice	22	31	39	77	87	5.68	9.45	7.45	13.55	1,609	2,387	3,096	6,197	7,066	75	84	90
Riley	87	113	192	372	402	8.21	8.55	8.37	8.10	2,100	2,306	3,721	5,796	6,077	98	101	78
Rooks	13	18	25	41	47	6.78	7.44	7.09	14.37	1,335	2,287	3,209	5,705	6,477	62	88	83
Rush	9	15	17	30	34	6.33	8.04	7.14	14.83	1,525	2,550	3,287	6,132	7,120	71	90	91
Russell	21	28	33	68	76	4.90	9.69	7.14	12.46	1,829	2,616	3,449	7,515	8,347	85	94	106
Saline	113	114	148	342	383	2.68	11.17	6.61	11.91	2,091	2,660	3,200	6,955	7,836	97	87	100
Scott	10	17	18	45	61	5.68	14.73	9.87	34.40	1,955	2,909	3,141	7,412	9,975	91	86	127
Sedgwick	810	993	1,292	2,637	3,027	4.77	9.93	7.18	14.77	2,381	2,933	3,682	7,513	8,551	111	100	109
Seward	31	41	50	137	152	4.96	13.19	8.78	11.28	1,948	2,594	3,173	8,128	9,000	91	87	115
Shawnee	316	427	578	1,158	1,290	6.24	9.33	7.69	11.39	2,254	2,833	3,748	7,480	8,200	105	102	105
Sheridan	5	8	11	30	34	7.40	13.84	10.41	15.53	1,229	1,919	2,706	7,443	8,689	57	74	111
Sherman	17	22	27	49	56	4.81	8.45	6.52	12.66	2,527	2,917	3,466	5,970	7,000	118	95	89
Smith	10	16	19	37	39	6.57	8.30	7.38	5.54	1,320	2,232	2,810	5,760	6,132	62	77	78
Stafford	11	17	21	38	40	6.62	7.51	7.04	3.52	1,477	2,625	3,406	6,182	6,445	69	93	82
Stanton	3	7	8	15	17	8.95	8.95	8.95	7.77	1,556	3,264	3,375	5,647	6,359	73	92	81
Stevens	7	11	15	42	44	7.62	13.25	10.25	5.53	1,597	2,562	3,435	8,871	9,216	74	94	118
Sumner	53	66	76	149	172	3.82	9.42	6.44	15.08	2,093	2,830	3,243	6,293	7,027	98	88	90
Thomas	18	21	25	56	64	3.10	10.99	6.76	13.71	2,524	2,956	3,367	6,659	7,518	118	92	96
Trego	6	10	13	26	26	7.54	7.89	7.70	.54	1,187	2,268	2,972	5,887	5,985	55	81	76
Wabunsee	10	13	20	37	44	7.88	8.83	8.33	19.28	1,452	2,036	3,192	5,307	6,274	68	87	80
Wallace	4	5	8	10	15	7.95	7.48	7.73	46.70	1,746	2,274	3,472	4,745	6,839	81	95	87
Washington	16	20	29	48	49	6.07	6.05	6.06	3.84	1,516	2,023	3,106	5,254	5,509	71	85	70
Wichita	7	10	14	32	56	7.05	16.77	11.55	72.97	2,544	2,983	4,239	9,414	16,749	119	116	214
Wilson	24	28	34	67	70	3.36	8.47	5.75	3.34	1,859	2,359	2,936	5,777	5,821	87	80	74
Woodson	7	9	12	27	27	5.55	9.11	7.22	21.40	1,341	1,765	2,567	5,161	6,137	63	70	78
Wyandotte	381	487	613	1,289	1,427	4.86	9.85	7.20	10.73	2,072	2,686	3,278	7,373	8,193	97	89	105
<b>Kentucky</b>	<b>4,642</b>	<b>6,428</b>	<b>9,170</b>	<b>20,680</b>	<b>23,106</b>	<b>7.05</b>	<b>10.81</b>	<b>8.81</b>	<b>11.73</b>	<b>1,548</b>	<b>2,047</b>	<b>2,867</b>	<b>5,964</b>	<b>6,605</b>	<b>72</b>	<b>78</b>	<b>84</b>
<b>Sum of SMSA counties</b>	<b>2,684</b>	<b>3,733</b>	<b>5,239</b>	<b>10,941</b>	<b>12,272</b>	<b>6.92</b>	<b>9.92</b>	<b>8.33</b>	<b>12.16</b>	<b>2,054</b>	<b>2,634</b>	<b>3,514</b>	<b>6,990</b>	<b>7,779</b>	<b>96</b>	<b>96</b>	<b>99</b>
<b>Sum of non-SMSA counties</b>	<b>1,958</b>	<b>2,695</b>	<b>3,931</b>	<b>9,739</b>	<b>10,834</b>	<b>7.22</b>	<b>11.92</b>	<b>9.42</b>	<b>11.24</b>	<b>1,157</b>	<b>1,564</b>	<b>2,303</b>	<b>5,120</b>	<b>5,641</b>	<b>54</b>	<b>63</b>	<b>72</b>
Adair	13	18	25	55	61	6.93	10.41	8.57	10.74	883	1,348	1,901	3,853	4,288	41	52	55
Allen	14	19	26	65	73	6.83	12.11	9.30	13.03	1,118	1,445	2,086	4,884	5,521	52	57	70
Anderson	13	20	29	68	75	8.16	11.21	9.60	10.27	1,548	2,073	3,109	6,030	6,594	72	85	84
Ballard	9	13	20	48	52	8.34	11.00	9.59	8.53	1,114	1,556	2,456	5,472	5,754	52	67	73
Barren	33	49	69	171	194	7.56	12.20	9.74	13.39	1,186	1,691	2,399	5,503	6,254	55	65	80
Bath	9	13	20	43	46	8.57	9.49	9.00	6.52	1,000	1,376	2,220	4,666	4,904	47	61	63
Bell	30	40	61	168	187	7.48	13.28	10.19	11.56	849	1,223	1,937	4,979	5,582	40	53	71
Boone	44	64	102	262	302	8.85	12.86	10.73	15.13	2,009	2,406	3,209	6,518	7,226	94	88	92
Bourbon	27	40	59	107	124	8.28	8.50	8.39	16.00	1,493	2,093	3,219	5,691	6,276	70	88	80
Boyd	104	138	168	386	446	4.93	11.43	7.96	15.57	2,021	2,423	3,218	7,228	8,128	94	88	104
Boyle	32	44	64	144	162	7.24	10.89	8.95	12.98	1,519	2,114	3,037	6,175	6,798	71	83	87
Bracken	10	12	17	36	37	5.27	9.09	7.06	3.73	1,392	1,710	2,356	4,645	4,875	65	64	62
Breathitt	10	12	18	55	62	6.44	14.77	10.31	13.14	630	771	1,256	3,201	3,634	29	34	46
Breckinridge	15	22	33	74	81	8.32	10.58	9.39	9.94	1,015	1,439	2,224	4,597	5,078	47	61	65
Bullitt	24	41	65	194	221	10.48	14.60	12.41	14.21	1,543	1,936	2,598	5,225	5,655	72	71	72
Butler	7	11	17	45	50	9.96	12.92	11.35	11.89	690	1,112	1,739	4,179	4,769	32	47	61
Caldwell	16	25	34	78	86	7.62	10.73	9.08	10.22	1,273	1,876	2,603	5,909	6,475	59	71	83
Calloway	30	43	59	153	169	6.96	12.32	9.47	10.08	1,463	1,705	2,203	5,300	5,841	68	60	75
Campbell	180	225	296	555	624	5.10	8.64	6.76	12.32	2,101	2,564	3,349	6,600	7,447	98	91	95
Carlisle	6	9	11	30	32	7.14	12.49	9.64	7.51	1,004	1,816	2,065	5,078	5,076	47	56	65
Carroll	13	17	23	51	59	5.38	11.22	8.11	14.74	1,702	2,166	2,674	5,952	6,724	79	73	86
Carter	17	26	39	87	98	8.85	10.83	8.78	12.49	812	1,283	1,954	3,761	4,224	38	53	54
Casey	11	14	20	46	52	6.61	11.14	8.73	12.23	746	1,046	1,537	3,240	3,550	35	42	45
Christian	86	118	161	390	418	6.61	11.14	8.69	7.30	1,529	2,130	2,871	5,995	6,187	71	78	79
Clark	37	53	77	176	197	7.69	11.02	9.25	11.85	1,759	2,278	3,228	6,643	7,315	82	88	93
Clay	14	17	22	78	92	4.59	17.10	10.34	16.79	690	869	1,184	3,594	4,202	32	32	54
Clinton	6	8	11	28	30	6.54	11.81	9.00	9.88	670	939	1,346	3,126	3,400	31	37	43
Crittenden	8	12	19	51	55	9.25	12.93	10.98	8.57	897	1,459	2,184	5,506	6,043	42	60	77
Cumberland	7	9	11	28	32	4.74	12.44	8.32	14.24	915	1,212	1,622	4,025	4,497	43	44	57
Daviess	129	185	250	550	620	6.82	10.64	8.61	12.71	1,852	2,415	3,176	6,814	7,647	86	87	98
Edmonson	6	10	15	35	39	9.83	11.21	10.48	11.10	726	1,133	1,704	3,550	4,052	34	46	52
Elliott	4	6	7	23	25	6.47	14.60	10.25	9.05	634	967	1,242	3,834	3,955	30	34	50
Estill	12	18	25	64	73	7.27	12.51	9.72	13.86	1,014	1,341	1,980	4,675	5,338	47	54	68
Fayette	272	428	615	1,345	1,506	8.48	10.47	9.42	11.98	2,092	2,780	3,629	7,073	7,860	98	99	100
Fleming	11	17	28	49	55	10.03	7.66	8.90	11.32	1,007	1,487	2,488	4,138	4,680	47	68	60
Floyd	40	49	67	212	236	5.43	14.96	9.84	11.03	964	1,264	1,846	4,872	5,412	45	50	69
Franklin	54	77	113	271	301	7.71	11.53	9.50	11.13	1,849	2,302	3,327	7,044	7,697	86	91	98
Fulton	14	18	23	52	53	4.83	10.79	7.15	1.27	1,283	1,735	2,224	5,503	5,849	60	61	75
Gallatin	6	7	9	20	22	5.08	9.47	7.60	12.58	1,461	1,650	2,242	4,484	4,917	68	61	63
Garrard	13	17	29	55	61	8.50	8.69	8.59	11.90	1,334	1,786	3,059	5,638	6,099	62	83	78
Grant	13	17	27	65	73	7.71	11.90	9.67	12.41	1,351	1,713	2,675	5,320	5,962	63	73	76
Graves	40	59	83	201	219	7.68	11.33	9.39	9.00	1,345	1,924	2,707	6,193	6,620	63	74	84
Grayson	14	22	33	85	94	9.02	12.19	10.51	10.92	900	1,348	2,038	4,403	4,816	42	56	61
Green	12	16	26	48	53												

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years 1—Continued

Area title	Total personal income										Per capita personal income						
	Millions of dollars					Average annual rate of growth					Dollars					Percent of U.S. average	
	1959	1965	1969	1977	1978	1959-69	1969-78	1959-78	1977-78	1959	1965	1969	1977	1978	1959	1969	1978
Laurel.....	29	37	49	160	179	5.63	15.36	10.13	11.99	1,162	1,399	1,819	4,670	5,082	54	50	65
Lawrence.....	10	13	19	24	64	6.54	14.70	10.33	14.52	829	1,116	1,724	4,437	5,018	39	47	64
Lee.....	6	7	10	26	26	5.69	11.26	8.29	8.38	788	1,001	1,507	3,330	3,559	37	41	45
Leslie.....	7	9	14	52	62	6.97	18.22	12.16	19.68	654	785	1,199	3,888	4,554	30	33	58
Letcher.....	27	33	46	140	151	5.54	14.13	9.52	8.15	902	1,262	1,930	4,988	5,440	42	53	69
Lewis.....	11	15	25	48	53	8.91	8.78	8.85	10.73	817	1,186	2,003	3,561	3,818	38	55	49
Lincoln.....	16	23	35	75	85	8.08	10.38	9.16	13.72	990	1,417	2,110	4,100	4,666	46	58	60
Livingston.....	7	12	20	53	59	10.66	13.08	11.80	13.03	1,029	1,640	2,610	5,777	6,229	48	71	79
Logan.....	26	36	53	128	141	7.45	11.51	9.36	10.28	1,249	1,874	2,437	5,770	6,310	58	66	80
Lyon.....	6	8	12	31	36	6.49	13.31	9.67	15.04	1,063	1,492	2,088	4,972	5,775	50	57	74
McCracken.....	96	132	186	408	462	6.84	10.66	8.63	13.26	1,694	2,289	3,192	6,660	7,358	79	87	94
McCreary.....	7	10	13	42	50	5.62	16.30	10.55	18.30	600	766	1,017	2,777	3,260	28	28	42
McLean.....	11	17	22	57	59	6.63	11.82	9.05	4.46	1,236	1,985	2,386	5,471	5,510	58	65	70
Madison.....	46	68	104	240	271	8.56	11.28	9.84	13.15	1,380	1,630	2,481	4,938	5,480	64	68	70
Magoffin.....	6	9	11	43	51	5.99	18.13	11.57	16.99	575	816	1,078	3,494	4,116	27	29	53
Marion.....	17	24	36	67	75	7.95	8.46	8.19	12.22	1,013	1,361	2,174	4,003	4,443	47	59	57
Marshall.....	28	43	53	136	157	6.66	12.90	9.57	15.06	1,669	2,552	3,637	5,747	6,424	78	72	82
Martin.....	5	8	13	67	80	9.05	22.54	15.24	19.25	538	795	1,364	5,567	6,420	25	37	82
Mason.....	30	38	52	100	112	5.49	8.92	7.10	11.89	1,665	2,114	2,879	5,872	6,488	78	81	83
Meade.....	20	27	42	84	92	7.63	9.00	8.27	9.70	1,085	1,545	2,250	4,211	4,351	51	61	55
Menifee.....	2	4	6	15	16	9.74	11.15	10.40	9.15	589	1,094	1,547	3,295	3,455	27	42	44
Mercer.....	21	29	46	104	113	8.32	10.57	9.38	8.80	1,428	1,783	2,891	5,737	6,245	67	70	80
Metcalfe.....	7	11	14	32	35	6.82	10.65	8.61	10.99	883	1,273	1,721	3,710	4,014	41	47	51
Monroe.....	10	15	20	46	52	7.29	11.02	9.04	12.14	861	1,292	1,739	3,905	4,341	40	47	55
Montgomery.....	18	25	41	96	106	8.40	11.11	9.68	10.02	1,378	1,684	2,706	5,372	5,889	64	74	75
Morgan.....	9	11	14	40	48	4.99	14.44	9.37	17.80	796	1,070	1,399	3,685	4,262	37	38	54
Muhlenberg.....	40	47	72	208	213	6.08	12.72	9.17	2.25	1,462	1,708	2,627	6,648	6,648	68	72	85
Nelson.....	29	40	59	133	154	7.54	11.21	9.27	15.84	1,309	1,629	2,558	5,260	5,843	61	69	75
Nicholas.....	8	12	17	33	36	7.78	9.16	8.43	10.36	1,189	1,835	2,541	4,795	5,180	55	69	66
Ohio.....	18	28	41	127	133	8.32	13.99	10.97	5.18	1,054	1,545	2,194	5,902	6,070	49	60	77
Oldham.....	21	29	43	125	147	7.34	14.66	10.75	17.71	1,602	2,007	2,955	5,933	6,242	75	81	80
Owen.....	10	13	18	38	41	6.48	9.13	7.72	7.98	1,213	1,586	2,455	4,457	4,869	57	67	62
Owsley.....	4	5	16	18	18	4.57	14.15	9.01	12.04	661	899	1,065	2,870	3,260	31	30	42
Pendleton.....	14	18	25	52	58	6.41	9.62	7.92	12.26	1,387	1,743	2,558	4,870	5,330	65	70	68
Perry.....	31	37	48	165	192	4.50	16.67	10.10	16.50	896	1,250	1,776	5,545	6,524	42	48	83
Pike.....	64	82	113	408	458	5.86	16.78	10.90	12.26	952	1,278	1,837	5,549	6,204	44	50	79
Powell.....	6	9	14	38	43	8.49	13.43	10.80	13.92	931	1,176	1,821	4,157	4,907	43	50	57
Pulaski.....	36	53	78	201	232	7.90	12.90	10.24	15.52	1,073	1,507	2,219	4,743	5,353	50	61	68
Robertson.....	3	4	6	10	10	7.43	5.78	6.65	-26	1,190	1,658	2,685	4,405	4,746	55	73	61
Rockcastle.....	9	13	20	43	49	8.27	10.63	9.38	13.44	731	1,066	1,602	3,277	3,649	34	44	47
Rowan.....	13	18	31	73	81	8.85	11.14	9.93	10.31	1,055	1,175	1,886	4,135	4,601	49	51	59
Russell.....	11	14	21	50	55	7.24	11.17	9.08	9.82	965	1,387	2,004	4,180	4,509	45	55	58
Scott.....	26	36	51	113	127	7.00	10.61	8.69	12.44	1,716	2,053	2,902	5,735	6,272	80	79	80
Shelby.....	31	40	59	126	140	6.85	9.98	8.32	10.80	1,676	2,124	3,133	6,214	6,553	78	85	84
Simpson.....	17	24	37	84	92	8.05	10.60	9.25	8.82	1,496	1,907	2,867	5,958	6,327	70	78	81
Spencer.....	8	10	15	31	33	6.38	9.37	7.79	5.64	1,400	1,830	2,648	5,393	5,593	65	72	71
Taylor.....	21	32	47	97	109	8.32	9.69	8.97	12.81	1,327	1,933	2,785	5,208	5,785	62	76	74
Todd.....	11	17	22	57	59	6.85	11.58	9.07	4.50	1,018	1,537	2,041	4,952	4,901	47	56	63
Trigg.....	9	14	19	52	57	8.44	12.61	10.40	9.48	988	1,691	2,253	5,439	5,670	46	61	72
Trimble.....	6	9	12	26	29	7.51	10.00	8.68	10.73	1,179	1,735	2,302	4,553	4,933	55	63	63
Union.....	19	27	43	96	111	8.31	11.14	9.64	15.60	1,343	1,763	2,721	5,406	6,161	63	74	79
Warren.....	68	99	147	371	423	7.98	12.44	10.07	14.04	1,522	1,852	2,621	5,805	6,570	71	71	84
Washington.....	13	16	25	47	52	6.88	8.42	7.61	11.60	1,171	1,409	2,332	4,475	4,976	55	64	63
Wayne.....	10	14	19	55	62	6.41	13.83	9.86	13.65	719	945	1,356	3,406	3,797	34	37	48
Webster.....	17	24	33	92	104	6.81	13.66	10.00	13.57	1,212	1,738	2,463	6,166	6,844	57	67	87
Whitley.....	27	37	51	152	172	6.52	14.53	10.24	12.85	1,058	1,528	2,089	5,006	5,561	49	57	71
Wolfe.....	4	5	7	22	24	6.34	14.14	9.96	11.73	624	902	1,296	3,399	3,846	29	35	49
Woodford.....	21	33	57	113	126	10.20	9.28	9.76	11.60	1,820	2,508	3,987	6,697	7,393	85	109	94
<b>Louisiana</b>	<b>5,275</b>	<b>7,362</b>	<b>10,275</b>	<b>23,487</b>	<b>26,723</b>	<b>6.89</b>	<b>11.20</b>	<b>8.91</b>	<b>13.78</b>	<b>1,645</b>	<b>2,106</b>	<b>2,839</b>	<b>5,977</b>	<b>6,738</b>	<b>77</b>	<b>77</b>	<b>86</b>
<b>Sum of SMSA counties</b>	<b>3,781</b>	<b>5,220</b>	<b>7,222</b>	<b>16,347</b>	<b>18,499</b>	<b>6.69</b>	<b>11.02</b>	<b>8.72</b>	<b>13.17</b>	<b>1,934</b>	<b>2,437</b>	<b>3,221</b>	<b>6,583</b>	<b>7,386</b>	<b>90</b>	<b>88</b>	<b>94</b>
<b>Sum of non-SMSA counties</b>	<b>1,495</b>	<b>2,142</b>	<b>3,052</b>	<b>7,140</b>	<b>8,223</b>	<b>7.40</b>	<b>11.64</b>	<b>9.39</b>	<b>15.17</b>	<b>1,193</b>	<b>1,582</b>	<b>2,217</b>	<b>4,936</b>	<b>5,626</b>	<b>56</b>	<b>60</b>	<b>72</b>
Acadia.....	55	79	108	263	298	7.00	11.90	9.30	13.25	1,119	1,572	2,088	4,862	5,483	52	57	70
Allen.....	23	32	43	82	93	6.51	8.95	7.66	13.78	1,176	1,554	2,090	3,975	4,508	55	57	58
Ascension.....	44	64	85	238	277	6.74	13.98	10.11	16.45	1,613	1,940	2,328	5,477	6,235	75	63	80
Assumption.....	17	26	40	105	121	8.98	13.15	10.94	15.55	951	1,381	2,039	5,068	5,819	44	56	74
Avoynes.....	34	47	69	143	160	7.38	9.78	8.51	12.13	916	1,219	1,831	3,676	4,082	43	50	52
Beauregard.....	23	35	50	131	150	8.11	12.91	10.36	14.96	1,220	1,627	2,222	4,788	5,430	57	61	69
Bienville.....	15	21	32	69	79	7.56	10.57	8.98	14.16	934	1,327	1,983	4,087	4,573	44	54	58
Bossier.....	90	117	167	404	458	6.34	11.88	8.93	13.46	1,590	2,022	2,629	5,647	6,390	74	72	82
Caddo.....	429	552	740	1,611	1,789	5.60	10.30	7.80	11.04	1,947	2,410	3,205	6,642	7,379	91	87	94
Calcasieu.....	263	306	430	1,147	1,147	5.02	11.53	8.05	17.20	1,837	2,227	2,973	6,252	7,271	86	81	93
Caldwell.....	9	12	15	39	43	5.44	12.10	8.55	8.58	1,013	1,306	1,636	3,816	4,163	47	45	53
Cameron.....	10	14	21	50	61	8.10	12.40	10.12	20.49	1,432	1,992	2,624	5,407	6,384	67	72	81
Catahoula.....	8	13	19	46	49	8.82	11.06	9.87	6.48	732	1,110	1,627	3,961	4,202	34	44	54
Claiborne.....	23	30	39	7													

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years 1—Continued

Area title	Total personal income									Per capita personal income							
	Millions of dollars					Average annual rate of growth				Dollars					Percent of U.S. average		
	1959	1965	1969	1977	1978	1959-69	1969-78	1959-78	1977-78	1959	1965	1969	1977	1978	1959	1969	1978
Madison.....	16	20	28	54	57	5.85	8.14	6.93	4.24	980	1,288	1,844	3,718	3,870	46	50	49
Morehouse.....	43	56	69	156	177	4.90	10.96	7.73	13.47	1,298	1,689	2,138	4,708	5,261	61	58	67
Natchitoches.....	34	47	71	151	171	7.57	10.29	8.85	13.22	969	1,338	2,009	4,144	4,714	45	55	60
Orleans.....	1,304	1,691	2,110	3,913	4,330	4.93	8.32	6.52	10.68	2,110	2,659	3,513	6,987	7,744	98	96	99
Ouachita.....	162	224	313	717	825	6.84	11.37	8.96	15.04	1,613	2,004	2,739	5,497	6,313	75	75	81
Plaquemines.....	43	50	66	160	181	4.48	11.86	7.91	13.58	1,920	2,173	2,612	6,004	6,788	90	71	87
Pointe Coupee.....	20	28	42	101	118	7.91	11.99	9.83	16.13	894	1,300	1,925	4,509	5,189	42	52	66
Rapides.....	153	220	313	675	748	7.42	10.17	8.72	10.82	1,394	1,969	2,657	5,404	5,988	65	72	76
Red River.....	10	13	20	44	49	7.00	10.60	8.69	12.58	1,029	1,336	2,148	4,679	5,325	48	59	68
Richland.....	23	32	43	104	115	6.58	11.53	8.89	10.23	968	1,372	1,967	4,751	5,329	45	54	68
Sabine.....	19	23	34	82	94	5.80	11.91	8.65	14.10	1,057	1,191	1,817	4,042	4,656	49	50	59
St. Bernard.....	60	106	169	405	449	10.84	11.49	11.15	11.04	1,902	2,507	3,418	6,596	7,217	89	39	93
St. Charles.....	39	53	79	212	249	7.21	13.58	10.18	17.33	1,887	2,037	2,724	6,199	7,167	88	74	91
St. Helena.....	6	9	15	34	41	8.86	11.84	10.26	18.06	704	983	1,508	3,457	4,104	33	41	52
St. James.....	25	35	50	122	139	7.05	12.06	9.40	13.65	1,391	1,850	2,533	6,185	6,955	65	69	89
St. John the Baptist.....	27	37	51	150	175	6.80	14.60	10.43	17.10	1,466	1,683	2,190	5,547	6,126	68	60	78
St. Landry.....	75	107	152	339	391	7.39	11.07	9.12	15.35	928	1,326	1,893	4,080	4,702	43	52	60
St. Martin.....	24	37	55	153	178	8.35	14.00	10.99	15.99	856	1,186	1,695	4,323	4,936	40	46	63
St. Mary.....	75	109	160	388	461	7.84	12.49	10.02	18.66	1,561	1,895	2,660	6,271	7,466	73	73	95
St. Tammany.....	61	106	167	501	596	10.62	15.17	12.76	19.07	1,601	2,051	2,740	5,756	6,440	75	75	82
Tangipahoa.....	69	95	138	343	388	7.21	12.15	9.52	12.89	1,176	1,482	2,110	4,585	5,079	55	58	65
Tensas.....	10	13	18	39	41	6.05	9.43	7.64	5.54	865	1,232	1,835	4,553	4,856	40	50	62
Terrebonne.....	93	136	199	562	671	7.87	14.47	10.95	19.36	1,557	1,919	2,647	6,412	7,504	73	72	96
Union.....	19	26	37	106	121	7.04	12.33	9.51	15.91	1,088	1,423	2,032	4,578	5,286	51	55	67
Vermilion.....	52	70	96	241	287	6.39	12.98	9.47	19.47	1,347	1,717	2,246	5,203	6,118	63	61	78
Vernon.....	21	104	174	226	268	23.60	9.91	14.36	18.34	1,159	1,631	2,271	5,362	5,831	54	89	74
Washington.....	56	76	103	210	238	6.27	9.79	7.92	13.31	1,288	1,768	2,440	4,907	5,508	60	67	70
Webster.....	58	95	119	210	254	7.57	8.72	8.11	14.92	1,473	2,397	3,001	5,312	6,028	69	82	77
West Baton Rouge.....	17	25	36	93	108	7.82	12.83	10.17	16.34	1,177	1,588	2,177	5,186	5,965	55	59	76
West Carroll.....	13	19	22	49	53	5.38	9.99	7.54	7.89	946	1,304	1,701	3,679	4,096	44	46	52
West Feliciana.....	12	16	18	37	41	3.94	9.73	6.04	9.72	989	1,384	1,565	3,791	4,153	46	43	53
Winn.....	17	22	32	74	81	6.38	10.96	8.52	10.69	1,090	1,404	1,961	4,380	4,728	51	53	60
Maine.....	1,701	2,251	2,971	6,210	6,884	5.74	9.79	7.64	10.84	1,777	2,257	2,995	5,727	6,308	83	82	80
Sum of SMSA counties.....	588	762	1,039	2,109	2,358	5.86	9.53	7.59	11.82	2,040	2,549	3,397	6,425	7,163	95	93	91
Sum of non-SMSA counties.....	1,113	1,489	1,932	4,101	4,525	5.67	9.32	7.66	10.34	1,664	2,147	2,818	5,423	5,938	78	77	76
Androscoggin.....	153	205	291	564	629	6.65	8.93	7.73	11.47	1,794	2,273	3,203	5,881	6,565	84	87	84
Aroostook.....	143	226	222	460	480	4.52	8.92	6.58	4.30	1,365	2,211	2,334	4,684	4,890	64	64	62
Cumberland.....	392	505	677	1,398	1,561	5.62	9.72	7.54	11.65	2,173	2,652	3,532	6,797	7,556	101	96	96
Franklin.....	35	45	58	145	155	5.21	10.76	7.81	10.37	1,751	2,097	2,591	5,140	5,568	82	71	71
Hancock.....	53	71	96	226	249	6.06	11.12	8.43	10.07	1,676	2,107	2,798	5,640	6,217	78	76	70
Kennebec.....	154	209	296	625	691	6.76	9.87	8.22	10.58	1,750	2,231	3,125	6,047	6,652	82	85	85
Knox.....	48	63	85	188	211	5.97	10.64	8.16	12.33	1,687	2,165	2,935	5,771	6,436	79	80	82
Lincoln.....	31	44	66	146	164	7.93	10.56	9.17	11.95	1,693	2,226	3,257	5,969	6,530	79	89	83
Oxford.....	75	90	121	237	265	4.82	9.14	6.84	11.72	1,720	2,020	2,770	5,146	5,683	80	76	72
Penobscot.....	211	281	349	747	817	5.18	9.90	7.39	9.42	1,691	2,186	2,779	5,488	5,938	79	78	76
Piscataquis.....	24	30	43	84	95	5.88	9.11	7.40	12.68	1,424	1,777	2,644	4,991	5,532	66	72	71
Sagadahoc.....	43	53	71	147	169	5.16	10.13	7.49	14.75	1,906	2,249	3,037	5,519	6,277	89	95	80
Somerset.....	64	80	111	215	238	5.64	8.83	7.14	10.99	1,638	1,954	2,746	4,789	5,277	76	74	67
Waldo.....	34	43	63	130	146	6.27	9.80	7.93	12.17	1,533	1,844	2,703	4,759	5,255	71	74	67
Washington.....	42	52	69	159	175	5.18	10.94	7.87	10.15	1,279	1,646	2,289	4,605	5,152	60	62	65
York.....	198	253	352	753	850	5.89	10.30	7.95	12.86	2,022	2,369	3,182	5,964	6,645	94	87	85
Maryland.....	6,878	10,560	15,420	31,519	34,582	8.41	9.39	8.87	9.72	2,243	2,933	3,987	7,619	8,348	105	109	106
Sum of SMSA counties.....	9,355	13,630	19,330	39,301	42,811	8.49	9.28	8.86	9.32	2,363	3,071	4,126	7,900	8,641	110	113	110
Sum of non-SMSA counties.....	843	1,205	1,790	3,802	4,281	7.82	10.17	8.93	12.58	1,647	2,175	3,169	6,047	6,732	77	86	86
Allegany.....	140	189	251	465	508	5.97	8.16	7.00	9.20	1,685	2,202	2,975	5,732	6,375	79	81	81
Anne Arundel.....	484	743	1,144	2,597	2,870	8.99	10.76	9.83	10.51	2,366	2,865	3,928	7,295	7,946	110	107	101
Baltimore.....	1,218	1,889	2,667	5,158	5,656	8.15	8.71	8.42	9.65	2,310	3,310	4,354	8,057	8,852	117	119	113
Calvert.....	22	33	55	197	226	9.49	17.00	12.99	14.42	1,418	1,756	2,697	6,574	7,167	66	74	91
Caroline.....	28	43	64	120	141	8.53	9.07	8.79	17.60	1,475	2,142	3,253	5,405	6,264	69	89	80
Carroll.....	95	151	231	604	690	9.24	12.93	10.97	14.21	1,828	2,415	3,399	6,811	7,454	85	93	95
Cecil.....	96	130	174	317	340	6.09	7.73	6.87	7.12	2,009	2,509	3,275	5,690	6,023	94	89	77
Charles.....	60	96	147	425	482	9.44	14.12	11.63	13.39	1,850	2,325	3,149	6,549	7,185	86	86	92
Dorchester.....	44	62	91	182	202	7.57	9.32	8.40	10.92	1,491	2,046	3,079	5,939	6,619	70	84	84
Frederick.....	117	183	282	690	776	9.17	11.93	10.47	12.55	1,646	2,275	3,348	6,647	7,197	77	91	92
Garrett.....	22	30	46	116	128	7.60	12.15	9.73	10.62	1,084	1,406	2,124	4,518	4,942	51	58	63
Harford.....	156	253	410	946	1,046	10.14											

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years<sup>1</sup>—Continued

Area title	Total personal income									Per capita personal income							
	Millions of dollars					Average annual rate of growth				Dollars					Percent of U.S. average		
	1959	1965	1969	1977	1978	1959-69	1969-78	1959-78	1977-78	1959	1965	1969	1977	1978	1959	1969	1978
Plymouth.....	509	771	1,186	2,610	2,905	8.82	10.47	9.60	11.28	2,062	2,518	3,616	6,721	7,341	96	99	94
Suffolk.....	1,729	2,162	2,799	4,484	4,848	4.93	6.30	5.58	8.11	2,198	2,866	3,812	6,395	7,077	102	104	90
Worcester.....	1,267	1,715	2,352	4,326	4,755	6.38	8.14	7.21	9.92	2,187	2,752	3,708	6,729	7,370	102	101	94
<b>Michigan</b> .....	<b>17,520</b>	<b>25,386</b>	<b>34,803</b>	<b>69,534</b>	<b>77,985</b>	<b>7.11</b>	<b>9.38</b>	<b>8.18</b>	<b>12.15</b>	<b>2,256</b>	<b>3,038</b>	<b>3,963</b>	<b>7,601</b>	<b>8,487</b>	<b>105</b>	<b>108</b>	<b>108</b>
Sum of SMSA counties.....	15,204	22,127	30,157	59,493	66,705	7.09	9.22	8.09	12.12	2,378	3,188	4,134	8,000	8,930	111	113	114
Sum of non-SMSA counties.....	2,316	3,260	4,646	10,041	11,280	7.21	10.36	8.69	12.35	1,687	2,300	3,125	5,866	6,563	79	85	84
Alcona.....	10	13	17	43	48	5.97	11.83	8.70	10.76	1,551	2,240	2,713	4,755	5,156	72	74	66
Alger.....	11	15	19	43	48	5.59	10.66	7.96	10.71	1,218	1,723	2,336	4,421	4,779	57	64	61
Allegan.....	97	135	197	428	499	7.29	10.89	8.98	17.24	1,698	2,339	3,092	5,789	6,748	79	84	86
Alpena.....	45	61	86	190	216	6.73	10.81	8.64	13.81	1,581	2,006	2,830	5,703	6,485	74	77	83
Antrim.....	15	23	35	87	102	8.53	12.75	10.51	17.49	1,483	2,505	2,993	5,422	6,251	69	82	80
Arenac.....	12	19	30	74	81	9.47	11.70	10.52	9.79	1,244	2,024	2,823	5,464	6,025	58	77	77
Baraga.....	10	14	20	44	50	7.35	10.77	8.96	13.88	1,370	1,853	2,554	5,206	5,785	64	70	74
Barry.....	59	79	117	239	274	7.13	9.96	8.46	14.67	1,858	2,730	3,361	5,647	6,395	87	92	82
Bay.....	194	286	406	836	922	7.67	9.52	8.54	10.20	1,827	2,609	3,494	6,395	7,581	85	95	97
Benzie.....	14	17	24	58	66	5.53	11.72	8.42	14.32	1,826	2,176	2,916	5,461	6,238	85	80	80
Berrien.....	326	448	613	1,144	1,266	6.58	8.39	7.41	10.69	2,190	2,801	3,746	6,724	7,570	102	102	97
Branch.....	56	79	113	254	285	7.18	10.90	8.92	12.40	1,623	2,204	3,143	6,668	7,336	76	86	94
Calhoun.....	275	392	539	1,051	1,156	6.95	8.84	7.84	10.07	1,998	2,785	3,800	7,491	8,217	93	104	105
Cass.....	64	94	144	300	340	8.51	9.98	9.21	13.17	1,738	2,461	3,578	6,583	7,489	81	98	96
Charlevoix.....	21	31	46	110	125	8.16	11.66	9.81	13.80	1,589	1,984	2,797	5,622	6,465	74	76	82
Cheboygan.....	20	29	45	103	116	8.53	11.01	9.70	12.47	1,385	2,046	2,912	5,135	5,863	65	79	75
Chippewa.....	52	70	83	159	152	4.80	6.98	5.83	-4.37	1,603	2,043	2,566	4,407	4,999	75	70	64
Clare.....	19	27	41	111	124	8.21	12.93	10.42	11.74	1,628	2,226	2,786	4,832	5,195	76	76	66
Clinton.....	69	111	169	350	404	9.39	10.18	9.76	15.22	1,823	2,513	3,560	6,498	7,341	85	97	94
Crawford.....	6	9	17	45	50	10.97	12.32	11.61	9.67	1,252	1,692	2,806	4,975	5,465	58	77	70
Delta.....	51	69	98	216	236	6.03	10.29	8.35	9.41	1,511	2,080	2,782	5,400	5,857	70	75	75
Dickinson.....	38	49	73	169	192	6.71	11.31	8.87	13.21	1,606	2,065	3,065	6,661	7,341	75	84	94
Eaton.....	99	164	255	579	638	9.94	10.73	10.32	11.98	2,003	2,994	3,884	7,180	7,776	93	106	99
Emmet.....	27	37	58	136	153	8.11	11.37	9.64	12.50	1,689	2,207	3,289	6,345	7,144	79	90	91
Genesee.....	944	1,343	1,727	3,702	4,066	6.23	9.98	7.99	9.82	2,539	3,139	3,871	8,253	9,016	118	106	115
Gladwin.....	16	24	34	86	100	7.86	12.73	10.14	15.49	1,488	2,369	2,812	4,887	5,442	69	77	69
Gogebic.....	32	40	56	108	118	5.61	8.73	7.08	9.62	1,329	1,945	2,734	5,339	6,020	62	75	77
Grand Traverse.....	61	87	135	330	386	8.36	12.36	10.23	17.04	1,822	2,353	3,378	6,952	7,965	85	92	102
Gratiot.....	66	93	128	251	274	6.90	8.77	7.78	9.02	1,794	2,418	3,276	6,334	6,965	84	89	89
Hillsdale.....	52	78	113	247	277	8.11	10.45	9.21	11.98	1,504	2,273	3,126	6,091	6,717	70	85	86
Houghton.....	55	69	84	180	198	4.42	9.92	6.99	10.02	1,548	2,063	2,494	4,814	5,306	72	68	68
Huron.....	46	69	100	217	253	8.17	10.81	9.41	16.53	1,356	2,026	3,017	6,051	6,054	63	82	90
Ingham.....	481	704	979	2,081	2,308	7.36	10.00	8.60	10.88	2,293	2,982	3,787	7,730	8,516	107	103	109
Ionia.....	65	91	132	267	307	7.33	9.86	8.52	15.17	1,518	2,041	2,871	5,441	6,190	71	78	79
Iosco.....	30	49	68	156	170	8.64	10.70	9.61	9.06	1,813	2,398	3,008	5,187	5,571	85	82	71
Iron.....	28	33	35	77	84	2.20	10.28	5.95	8.97	1,635	2,208	2,517	5,255	5,686	76	69	73
Isabella.....	60	82	114	252	290	6.70	10.94	8.69	14.90	1,696	2,277	2,802	4,932	5,565	79	76	71
Jackson.....	261	386	553	1,020	1,150	7.79	8.46	8.11	12.70	1,994	2,817	3,876	6,859	7,656	93	106	98
Kalamazoo.....	375	533	762	1,544	1,718	7.35	9.45	8.34	11.31	2,226	2,969	3,891	7,531	8,259	104	106	105
Kalkaska.....	5	8	14	51	56	10.41	16.67	13.33	10.70	1,198	1,627	2,538	4,635	4,921	56	69	63
Kent.....	843	1,128	1,530	3,043	3,477	6.14	9.55	7.74	14.27	2,339	2,895	3,725	7,053	7,980	109	102	102
Keweenaw.....	2	3	5	11	12	10.44	9.39	9.94	10.99	833	1,361	2,555	4,601	5,446	39	70	69
Lake.....	6	8	13	34	43	8.43	10.83	9.56	9.84	1,117	1,738	2,755	4,303	4,812	52	75	61
Lapeer.....	81	119	174	420	484	7.86	12.08	9.84	15.13	1,957	2,571	3,385	6,514	7,216	91	92	92
Leelanau.....	15	20	31	78	91	7.91	12.60	10.10	17.69	1,586	2,086	3,124	5,989	6,825	74	85	87
Lenawee.....	135	198	294	606	669	8.09	9.58	8.80	10.38	1,745	2,475	3,618	7,022	7,667	81	99	98
Livingston.....	73	125	204	586	695	10.88	14.61	12.63	18.71	1,911	2,949	3,748	6,727	7,536	89	102	96
Luce.....	9	12	18	44	47	7.75	11.15	9.35	6.87	1,101	1,652	2,566	6,022	6,368	51	70	81
Mackinac.....	13	18	26	61	67	7.09	11.00	8.92	9.88	1,223	1,815	2,708	6,654	5,968	57	74	76
Macomb.....	1,024	1,738	2,664	5,752	6,508	10.04	10.43	10.22	13.14	2,541	3,194	4,292	8,395	9,385	118	117	120
Manistee.....	31	42	59	122	139	6.54	10.03	8.18	14.04	1,657	2,143	2,995	5,581	6,194	77	82	79
Marquette.....	81	135	183	426	498	8.49	11.76	10.03	16.94	1,452	2,217	2,907	5,819	6,747	68	79	86
Mason.....	37	45	61	133	151	5.08	10.57	7.65	13.66	1,713	2,085	2,756	5,275	6,112	80	75	78
Mecosta.....	30	44	63	140	158	7.49	10.82	9.05	13.21	1,458	1,959	2,391	4,018	4,551	68	65	58
Menominee.....	34	46	64	137	157	6.49	10.51	8.38	14.58	1,390	1,953	2,693	5,293	5,931	65	73	76
Midland.....	125	184	265	544	595	7.81	9.43	8.57	9.43	2,443	3,301	4,260	7,852	8,542	114	116	109
Missaukee.....	6	10	16	40	47	10.27	12.52	11.33	18.14	911	1,604	2,421	4,260	4,879	42	66	66
Monroe.....	194	287	423	915	1,018	8.10	10.26	9.12	11.24	1,933	2,621	3,643	7,052	7,721	90	99	98
Montcalm.....	61	88	124	254	291	7.48	9.89	8.61	14.56	1,708	2,276	3,088	5,627	6,412	79	84	82
Montmorency.....	6	8	12	36	42	7.40	14.93	10.90	16.88	1,348	1,928	2,672	4,927	5,472	63	73	70
Muskegon.....	291	399	533	974	1,095	6.24	8.32	7.22	12.44	1,955	2,625	3,407	6,131	6,894	91	93	88
Newaygo.....	38	54	81	163	189	7.91	9.93	8.86	15.67	1,568	2,117	2,988	5,044	5,656	73	81	72
Oakland.....	2,235	3,385	4,548	9,649	10,979	7.36	10.29	8.74	13.79	3,262	4,313	5,138	9,759	10,877	152	140	139
Oceana.....	24	34	49	102	120	7.15	10.52	8.73	17.13	1,487	2,083	2,868	4,872	5,708	69	78	73
Ogemaw.....	12	17	26	71	80	8.41	13.08	10.59	12.53	1,225	1,898	2,499	4,635	4,754	57	68	61
Ontonagon.....	17	20	27	52	53	4.60	7.79	6.10	3.56	1,648	1,829	2,597	4,6				

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years 1—Continued

Area title	Total personal income									Per capita personal income							
	Millions of dollars					Average annual rate of growth				Dollars					Percent of U.S. average		
	1959	1965	1969	1977	1978	1959-69	1969-78	1959-78	1977-78	1959	1965	1969	1977	1978	1959	1969	1978
Aitkin.....	14	17	24	58	64	5.31	11.52	8.21	11.17	1,197	1,504	2,132	4,396	4,724	56	58	60
Anoka.....	183	302	540	1,348	1,541	11.44	12.37	11.88	14.32	2,155	2,470	3,827	6,979	7,723	100	104	99
Becker.....	27	40	56	139	152	7.45	11.81	9.49	9.03	1,146	1,648	2,291	5,045	5,331	53	62	68
Beltrami.....	26	33	46	126	140	5.89	13.21	9.30	11.45	1,118	1,420	1,915	4,167	4,558	52	52	58
Benton.....	23	32	51	134	149	8.51	12.54	10.40	11.23	1,331	1,748	2,565	5,856	6,503	62	70	83
Big Stone.....	10	16	20	50	52	6.98	11.05	8.89	4.51	1,174	1,801	2,570	6,552	6,796	55	70	87
Blue Earth.....	74	114	151	349	381	7.46	10.80	9.03	9.22	1,684	2,418	3,124	6,787	7,554	79	85	96
Brown.....	42	64	87	198	216	7.59	10.62	9.01	9.10	1,535	2,221	3,077	6,614	7,166	72	84	91
Carlton.....	39	61	77	158	181	7.03	9.92	8.39	13.95	1,419	2,133	2,616	5,384	5,986	66	71	76
Carver.....	34	56	90	221	248	10.12	11.94	10.98	12.24	1,626	2,289	3,298	6,360	6,962	76	90	89
Cass.....	17	26	37	95	106	7.83	12.55	10.04	11.65	1,049	1,667	2,303	4,621	5,111	49	63	65
Chippewa.....	21	32	41	89	96	7.05	9.86	8.37	8.74	1,301	2,057	2,735	5,714	6,139	61	75	78
Chisago.....	24	34	50	129	145	7.63	12.65	9.98	11.97	1,794	2,344	2,867	5,686	6,027	84	78	77
Clay.....	63	95	130	294	338	7.58	11.21	9.28	14.92	1,623	2,275	3,070	6,193	7,051	76	84	90
Clearwater.....	9	11	16	32	35	5.90	9.43	7.56	11.13	1,007	1,337	1,962	3,541	3,914	47	54	50
Cook.....	4	6	9	22	26	8.94	13.33	11.00	19.15	1,084	1,743	2,684	5,209	6,049	51	73	77
Cottonwood.....	19	35	43	115	120	8.19	12.22	10.08	5.11	1,219	2,296	2,970	7,520	7,854	57	81	100
Crow Wing.....	51	69	92	210	235	6.08	10.97	8.37	11.76	1,609	2,140	2,732	5,308	5,853	75	75	75
Dakota.....	188	323	535	1,397	1,590	11.02	12.87	11.89	13.78	2,434	3,092	4,155	7,606	8,359	113	113	107
Dodge.....	18	26	37	93	102	7.18	12.00	9.44	10.26	1,409	1,911	2,722	6,771	7,312	66	74	93
Douglas.....	29	40	57	137	154	7.03	11.69	9.22	12.62	1,377	1,866	2,536	5,330	5,962	64	69	76
Faribault.....	32	53	60	148	155	6.30	11.13	8.56	4.35	1,390	2,393	2,823	7,464	7,800	65	77	99
Fillmore.....	34	42	61	133	153	6.12	10.79	8.31	15.26	1,438	1,840	2,791	6,109	7,050	67	76	90
Freeborn.....	67	94	120	266	291	6.04	10.36	8.07	9.46	1,782	2,499	3,204	7,182	7,872	83	87	100
Goodhue.....	63	70	108	247	274	5.58	10.93	8.08	11.14	1,924	2,390	3,120	6,442	7,145	90	85	91
Grant.....	9	14	19	51	58	7.19	13.17	9.98	13.46	1,082	1,734	2,479	6,657	7,719	50	68	98
Hennepin.....	2,275	3,113	4,350	8,067	9,039	6.70	8.46	7.53	12.05	2,737	3,430	4,495	8,841	9,935	123	123	127
Houston.....	20	31	49	105	117	9.20	10.16	9.66	11.96	1,244	1,788	2,782	5,785	6,425	58	76	82
Hubbard.....	11	15	20	57	62	6.38	13.42	9.66	8.47	1,095	1,522	1,940	4,446	4,770	51	53	61
Isanti.....	20	31	48	112	126	9.31	11.40	10.30	12.61	1,471	2,085	2,608	5,506	5,874	69	71	75
Itasca.....	50	72	90	219	251	4.41	12.04	7.96	14.77	1,566	1,986	2,520	5,305	5,966	73	69	76
Jackson.....	20	37	43	105	112	7.99	11.18	9.49	7.14	1,309	2,532	3,083	7,231	7,861	61	84	100
Kanabec.....	13	18	25	58	66	6.99	11.34	9.03	13.71	1,444	1,977	2,516	5,177	5,756	67	69	73
Kandiyohi.....	43	64	88	210	236	7.46	11.62	9.41	12.06	1,444	2,078	2,842	6,276	6,902	67	78	88
Kittson.....	10	15	17	43	53	5.57	13.35	9.18	21.77	1,204	2,022	2,262	6,267	7,811	56	62	100
Koochiching.....	23	35	43	96	108	6.56	10.64	8.48	12.21	1,281	1,940	2,532	5,447	6,104	60	69	78
Lac Qui Parle.....	14	23	29	80	86	7.88	12.83	10.20	6.65	1,032	1,794	2,553	7,238	7,654	48	70	98
Lake.....	23	28	35	70	85	4.29	10.31	7.10	22.32	1,719	2,071	2,649	5,080	6,452	80	72	82
Lake of the Woods.....	5	6	8	20	21	4.28	11.72	7.74	6.01	1,209	1,587	2,060	4,721	5,234	56	56	67
Le Sueur.....	29	48	66	151	169	8.37	11.06	9.64	11.52	1,499	2,341	3,060	6,899	7,641	70	83	97
Lincoln.....	11	15	21	48	52	6.98	10.79	8.76	9.34	1,116	1,692	2,528	5,745	6,417	52	69	82
Lyon.....	33	51	69	172	186	7.77	11.62	9.58	7.81	1,464	2,286	3,036	6,994	7,552	68	83	96
McLeod.....	37	61	86	206	226	8.87	11.29	10.01	9.74	1,535	2,409	3,295	7,068	7,637	72	90	97
Mahnomen.....	6	10	14	31	36	8.62	11.04	9.76	16.44	974	1,576	2,356	5,425	5,989	45	64	76
Marshall.....	14	23	29	73	89	7.29	13.33	10.11	22.43	1,016	1,603	2,164	5,424	6,512	47	59	83
Martin.....	41	65	79	185	200	6.77	10.94	8.72	8.21	1,533	2,581	3,247	7,382	8,065	71	89	103
Meeke.....	25	39	53	126	140	7.09	11.37	9.42	10.78	1,361	2,050	2,776	6,222	6,883	63	76	88
Mille Lacs.....	20	28	40	96	109	7.26	11.83	9.40	13.36	1,390	1,890	2,606	5,233	5,783	64	71	74
Morrison.....	30	39	59	129	141	6.88	10.17	8.42	9.17	1,151	1,426	2,144	4,584	4,932	54	58	64
Mower.....	98	120	156	298	315	4.71	8.13	6.32	5.71	2,053	2,567	3,456	6,590	7,612	96	94	97
Murray.....	17	24	35	96	100	7.38	12.45	9.75	3.61	1,170	1,743	2,678	7,876	8,068	55	73	103
Nicollet.....	31	50	68	164	182	8.33	11.57	9.85	10.83	1,337	2,066	2,673	6,535	7,141	62	73	91
Nobles.....	32	50	67	161	173	7.54	11.18	9.25	7.24	1,399	2,012	2,867	7,037	7,606	65	79	97
Norman.....	11	19	25	49	61	8.64	10.39	9.46	25.43	987	1,747	2,460	5,024	6,434	46	67	82
Olmsted.....	139	214	307	697	790	8.26	11.06	9.58	13.40	2,152	2,856	3,736	7,633	8,562	100	102	109
Otter Tail.....	02	84	114	269	293	6.29	11.09	8.54	9.20	1,281	1,759	2,424	5,450	5,852	60	66	75
Pennington.....	17	23	36	90	102	7.95	12.21	9.95	13.99	1,370	1,824	2,712	5,966	6,835	64	74	87
Pine.....	18	27	39	91	102	7.86	11.26	9.46	11.16	1,090	1,573	2,244	4,818	5,378	51	61	69
Pipestone.....	20	26	37	76	83	6.21	9.40	7.71	8.90	1,505	1,927	2,872	6,417	7,081	70	78	90
Polk.....	49	74	89	193	234	6.23	11.32	8.61	21.40	1,366	2,026	2,588	5,364	6,621	64	71	84
Pope.....	14	20	27	67	71	6.60	11.15	8.73	5.12	1,230	1,821	2,448	5,935	6,172	57	67	79
Ramsey.....	1,009	1,425	2,001	3,622	4,110	7.09	8.33	7.67	13.48	2,422	3,210	4,290	7,954	9,005	113	117	116
Red Lake.....	5	8	12	29	33	8.85	12.17	10.41	13.15	883	1,298	2,110	5,539	6,305	41	58	80
Redwood.....	25	42	56	147	153	8.43	11.80	10.02	4.01	1,163	1,998	2,753	7,464	7,768	54	75	99
Renville.....	27	48	63	161	171	8.68	11.72	10.11	5.74	1,194	2,139	2,946	7,667	8,362	56	80	107
Rice.....	17	85	123	264	294	8.04	10.19	9.06	11.25	1,471	2,066	2,842	5,970	6,635	69	78	85
Rock.....	17	28	39	89	101	8.58	11.24	9.83	13.89	1,457	2,488	3,649	7,941	8,919	68	100	114
Roseau.....	13	17	28	78	85	7.58	13.21	10.21	8.46	1,117	1,465	2,341	6,167	6,656	52	64	85
St. Louis.....	438	560	702	1,426	1,658	4.83	10.03	7.26	16.29	1,918	2,513	3,127	6,461	7,520	89	85	96
Scott.....	40	62	98	253	287	9.28	12.68	10.88	13.28	1,865	2,290	3,131	6,072	6,630	87	85	85
Sherburne.....	16	28	49	154	179	11.62	15.36	13.38	15.84	1,297	1,941	2,901	5,446	5,774	60	79	74
Sibley.....	20	33	42	110	117	7.66	12.05	9.71	6.63	1,254	2,053	2,556	6,952	7,603	58	70	97
Stearns.....	123	165	241	549	624	6.99	11.15	8.94	13.66	1,548	1,937	2,670	5,179	5,850	72	73	75
Steele.....	48	72	96	225	256	7.11	11.52	9.18	13.77	1,953	2,678	3,493	7,534	8,336	91	95	106
Stevens.....	14	22	28	72	79	7.40	12.28	9.69	10.36	1,22							

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years 1—Continued

Area title	Total personal income										Per capita personal income						
	Millions of dollars					Average annual rate of growth					Dollars					Percent of U.S. average	
	1959	1965	1969	1977	1978	1959-69	1969-78	1959-78	1977-78	1959	1965	1969	1977	1978	1959	1969	1978
Attala.....	20	27	36	83	88	5.88	10.42	8.01	6.28	972	1,390	1,820	4,318	4,585	45	50	58
Benton.....	6	9	14	28	32	8.07	9.92	8.94	14.15	831	1,077	1,813	3,657	3,985	39	49	51
Bolivar.....	50	71	88	189	209	5.84	10.13	7.85	10.58	929	1,323	1,747	3,977	4,456	43	48	57
Calhoun.....	14	21	28	65	73	7.06	11.43	9.11	11.80	889	1,342	1,859	4,322	4,796	41	51	61
Carroll.....	8	11	17	29	33	8.03	7.65	7.85	11.61	713	1,015	1,764	3,233	3,666	33	48	47
Chickasaw.....	17	26	36	84	96	7.66	11.54	9.48	14.53	1,040	1,450	2,134	4,813	5,479	48	58	70
Choctaw.....	7	10	16	36	40	8.76	10.98	9.80	12.31	818	1,229	1,847	3,933	4,296	38	50	55
Clalborne.....	9	12	18	46	53	6.96	12.55	9.57	14.43	871	1,166	1,782	4,078	4,702	41	49	60
Clarke.....	16	20	29	73	82	6.01	12.28	8.93	13.15	1,000	1,203	1,910	4,539	5,074	47	52	65
Clay.....	20	29	41	101	110	7.80	11.43	9.50	8.75	1,052	1,416	2,192	4,999	5,311	49	60	68
Coahoma.....	47	66	77	163	180	5.05	9.83	7.29	10.32	1,041	1,518	1,878	4,274	4,651	49	51	59
Copiah.....	26	36	48	106	121	6.42	10.92	8.53	14.72	964	1,370	1,900	4,060	4,604	45	52	59
Covington.....	12	17	27	68	76	8.69	12.41	10.44	12.60	866	1,271	1,900	4,499	5,117	40	52	65
De Soto.....	27	52	89	264	297	12.52	14.38	13.39	12.48	1,163	1,755	2,561	5,098	5,710	54	70	73
Forrest.....	102	145	340	377	407	6.71	11.23	8.83	10.87	1,459	1,849	2,510	5,395	5,949	68	76	76
Franklin.....	9	11	14	30	34	4.07	10.55	7.09	14.27	1,011	1,251	1,685	3,591	4,027	47	46	51
George.....	12	16	24	63	70	7.27	12.48	9.71	10.54	1,102	1,319	1,957	4,322	4,650	51	53	59
Greene.....	9	12	18	32	36	7.30	11.36	9.21	11.78	816	1,015	1,583	3,512	3,880	38	43	49
Grenada.....	24	35	50	103	115	7.83	9.60	8.66	11.21	1,310	1,752	2,540	5,088	5,532	61	69	71
Hancock.....	18	30	42	88	101	9.12	10.32	9.68	14.87	1,271	2,058	2,519	4,561	5,167	59	69	66
Harrison.....	194	276	409	810	898	7.76	9.12	8.41	10.84	1,651	2,260	3,066	5,514	6,078	77	84	78
Hinds.....	346	496	693	1,631	1,862	7.20	11.61	9.27	14.11	1,882	2,487	3,254	6,990	7,879	88	89	100
Holmes.....	21	30	38	76	83	5.90	9.03	7.37	9.36	807	1,152	1,613	3,375	3,748	38	44	48
Humphreys.....	16	22	23	55	63	3.85	11.93	7.60	14.45	834	1,206	1,511	3,933	4,443	39	41	57
Issaquena.....	3	4	10	9	9	2.53	9.83	5.92	-3.99	866	1,166	1,433	3,979	3,749	41	39	48
Itawamba.....	5	24	36	83	96	9.03	11.46	10.17	15.36	1,027	1,459	2,155	4,915	5,192	48	59	66
Jackson.....	111	158	240	680	725	8.03	13.07	10.39	6.57	2,033	2,146	2,823	5,962	6,154	95	77	78
Jasper.....	15	19	32	73	82	7.77	11.14	9.35	12.64	906	1,182	1,970	4,334	4,878	42	54	62
Jefferson.....	7	10	14	38	44	6.98	13.20	9.88	14.42	732	969	1,523	4,066	4,600	34	42	59
Jefferson Davis.....	11	17	23	48	54	7.48	10.12	8.73	12.42	829	1,257	1,738	3,661	4,159	39	47	53
Jones.....	77	95	135	316	360	5.80	11.47	8.45	13.68	1,318	1,650	2,377	5,323	6,002	61	65	77
Kemper.....	7	10	15	34	38	7.42	10.85	9.03	12.15	617	812	1,455	3,303	3,618	29	40	49
Lafayette.....	22	32	47	122	133	7.66	12.33	9.85	9.29	1,068	1,388	1,952	4,409	4,915	50	53	60
Lamar.....	14	20	30	89	103	7.91	14.78	11.11	14.85	1,033	1,277	1,964	4,634	5,352	48	54	68
Lauderdale.....	94	133	194	428	480	7.53	10.61	8.98	12.00	1,422	1,877	2,876	6,029	6,887	66	78	88
Lawrence.....	13	19	19	47	52	4.06	11.98	7.74	12.04	1,261	1,942	1,696	3,928	4,408	59	46	56
Leake.....	16	21	33	75	84	7.73	10.87	9.21	11.54	859	1,299	1,914	4,182	4,811	40	52	61
Lee.....	56	88	130	327	364	8.88	12.08	10.38	11.45	1,399	2,025	2,848	6,210	6,849	65	78	87
Leflore.....	55	76	95	195	216	5.60	9.57	7.46	10.79	1,189	1,590	2,219	4,722	5,231	55	61	67
Lincoln.....	30	41	57	127	149	6.53	11.26	8.74	17.08	1,153	1,512	2,164	5,312	5,513	54	59	70
Lowndes.....	63	87	121	294	324	6.83	11.53	9.03	10.18	1,369	1,722	2,446	5,419	5,926	64	67	76
Madison.....	29	44	63	147	168	7.89	11.64	9.65	14.40	906	1,324	2,076	4,285	4,847	42	57	62
Marion.....	23	32	45	104	116	6.78	11.06	8.79	11.88	1,022	1,424	1,959	4,223	4,749	48	53	61
Marshall.....	18	28	39	96	107	8.00	11.70	9.74	11.88	760	1,102	1,633	3,548	3,992	35	45	51
Monroe.....	37	55	79	175	194	7.97	10.46	9.14	11.23	1,105	1,522	2,322	4,986	5,560	52	63	71
Montgomery.....	12	19	27	52	57	8.40	8.43	8.41	8.78	939	1,406	2,113	3,952	4,388	44	58	56
Neshoba.....	18	27	40	103	118	7.96	12.83	10.24	14.02	899	1,223	1,903	4,153	5,460	42	52	70
Newton.....	19	28	41	92	102	7.72	10.76	9.15	11.09	1,009	1,427	2,128	4,750	5,246	47	58	67
Noxubee.....	12	17	24	49	56	7.49	9.90	8.62	13.36	700	999	1,635	3,696	4,248	33	45	54
Oktibbeha.....	24	37	58	146	164	9.16	12.24	10.61	12.31	939	1,273	2,026	4,333	4,854	44	55	62
Panola.....	25	39	54	117	128	8.08	10.03	9.00	9.78	880	1,370	1,994	4,146	4,489	41	54	57
Pearl River.....	26	46	60	142	166	8.67	11.93	10.20	17.18	1,193	1,708	2,199	4,875	5,608	56	60	72
Perry.....	7	10	14	39	45	7.12	13.53	10.11	13.19	835	1,095	1,572	3,979	4,404	39	43	56
Pike.....	38	50	69	148	167	6.02	10.35	8.05	12.73	1,113	1,443	2,140	4,217	4,725	52	58	60
Pontotoc.....	15	23	34	90	103	8.98	13.02	10.88	14.39	859	1,318	1,971	4,724	5,296	40	54	68
Prentiss.....	17	27	40	99	113	8.94	12.27	10.50	13.78	963	1,361	1,996	4,666	5,335	45	54	68
Quitman.....	17	26	25	48	50	4.06	7.89	5.86	4.19	814	1,284	1,523	3,380	3,526	38	42	45
Rankin.....	41	66	106	308	360	9.86	14.60	12.08	16.90	1,225	1,596	2,444	5,147	5,779	57	67	74
Scott.....	24	31	48	101	117	7.14	10.47	8.70	15.72	1,156	1,448	2,234	4,506	5,232	54	61	67
Sharkey.....	7	12	14	32	34	6.83	10.70	8.65	4.86	669	1,130	1,495	3,756	3,969	31	41	51
Simpson.....	18	34	51	111	127	11.11	10.71	10.92	14.25	882	1,665	2,531	5,187	6,083	41	69	78
Smith.....	13	18	28	60	68	8.11	10.64	9.30	14.40	899	1,198	2,010	4,176	4,646	42	55	59
Stone.....	8	11	17	50	57	7.22	14.69	10.70	13.67	1,201	1,409	2,067	5,851	6,862	56	56	88
Sunflower.....	47	59	64	125	141	3.08	9.19	5.93	12.82	1,052	1,334	1,686	3,524	3,995	49	46	51
Tallahatchie.....	19	27	31	63	67	4.93	8.99	6.84	5.52	806	1,181	1,555	3,537	3,759	38	42	48
Tate.....	18	25	38	89	100	7.72	11.45	9.47	12.37	1,002	1,247	2,019	4,350	4,723	47	55	60
Tippah.....	14	22	33	78	88	8.82	11.70	10.17	12.74</								



Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years 1—Continued

Area title	Total personal income									Per capita personal income							
	Millions of dollars					Average annual rate of growth				Dollars					Percent of U.S. average		
	1959	1965	1969	1977	1978	1959-69	1969-78	1959-78	1977-78	1959	1965	1969	1977	1978	1959	1969	1978
Butler.....	43	57	73	173	185	5.41	10.88	7.97	6.59	1,260	1,634	2,132	4,605	4,941	59	58	63
Caldwell.....	13	16	21	49	55	5.28	11.21	8.05	12.42	1,451	1,824	2,488	5,457	6,070	68	68	77
Callaway.....	31	44	73	181	218	8.86	12.90	10.75	20.42	1,330	1,737	2,800	6,405	7,390	62	76	94
Camden.....	13	20	32	82	97	9.56	13.16	11.25	19.00	1,425	1,759	2,439	4,546	5,324	66	67	68
Cape Girardeau.....	77	97	141	335	381	6.19	11.69	8.76	13.93	1,867	2,042	2,846	6,234	6,890	87	78	88
Carroll.....	24	34	42	87	97	5.68	9.79	7.61	11.50	1,765	2,501	3,250	7,369	8,221	82	89	105
Carter.....	4	4	6	19	19	5.68	12.88	9.03	13.72	915	938	1,542	3,374	3,867	43	42	49
Cass.....	55	84	126	299	325	8.67	11.11	9.82	8.63	1,873	2,450	3,387	6,236	6,655	87	92	85
Cedar.....	14	19	22	44	51	4.36	9.74	6.88	15.46	1,578	1,984	2,303	3,953	4,587	74	63	59
Chariton.....	18	25	32	77	90	5.95	12.10	8.82	16.17	1,432	2,182	2,836	7,495	8,568	67	77	109
Christian.....	18	23	38	95	109	7.96	12.26	9.97	14.76	1,404	1,661	2,544	4,627	5,158	68	69	66
Clark.....	11	17	19	40	48	5.64	10.63	7.98	18.23	1,293	2,094	2,307	4,972	5,872	60	63	75
Clay.....	198	309	451	985	1,098	8.58	10.38	9.43	11.39	2,297	3,278	4,006	7,300	8,009	107	109	102
Clinton.....	20	28	41	81	96	7.60	9.89	8.68	17.73	1,721	2,355	3,269	5,580	6,507	80	89	83
Cole.....	74	102	157	352	401	7.84	10.96	9.31	13.92	1,839	2,416	3,408	6,978	7,395	86	93	94
Cooper.....	22	30	46	89	102	7.35	9.31	8.28	13.68	1,472	1,995	3,050	5,906	6,820	69	83	87
Crawford.....	18	22	35	78	87	6.74	10.73	8.61	11.61	1,445	1,583	2,382	4,552	5,072	67	63	65
Dade.....	10	11	16	31	37	5.40	9.60	7.37	20.08	1,289	1,469	2,322	4,140	4,785	60	63	61
Dallas.....	9	11	19	44	50	7.23	11.52	9.24	13.13	1,007	1,128	1,828	3,700	4,157	47	50	53
Davies.....	13	17	20	49	54	4.64	11.81	7.98	11.03	1,345	1,782	2,286	5,835	6,408	63	62	82
De Kalb.....	10	14	21	41	48	7.53	9.88	8.64	17.39	1,396	1,847	2,773	5,196	6,079	65	76	78
Dent.....	13	17	25	57	65	6.55	11.18	8.72	14.97	1,296	1,412	2,166	4,330	5,052	60	59	64
Douglas.....	9	10	15	33	38	4.84	11.34	7.87	15.54	954	995	1,526	3,054	3,560	44	42	45
Dunklin.....	49	63	69	162	167	3.43	10.35	6.65	2.96	1,275	1,842	2,015	4,492	4,643	59	55	59
Franklin.....	86	120	162	397	454	6.48	12.14	9.12	14.47	1,967	2,340	2,893	6,035	6,777	92	79	86
Gasconade.....	18	24	30	65	74	4.96	10.52	7.56	12.67	1,535	1,885	2,463	4,985	5,639	72	67	72
Gentry.....	13	18	22	46	54	5.30	10.51	7.74	16.32	1,508	2,129	2,665	5,731	7,015	70	73	89
Greene.....	247	329	483	1,090	1,236	6.93	11.00	8.84	13.35	1,985	2,313	3,182	6,322	6,727	93	87	86
Grundy.....	19	24	29	70	80	4.18	11.78	7.71	14.27	1,617	2,131	2,468	6,221	7,146	75	67	91
Harrison.....	15	19	25	51	59	5.11	10.10	7.44	14.12	1,313	1,758	2,366	5,105	6,046	61	65	77
Henry.....	30	39	54	115	129	5.85	10.26	7.92	12.22	1,605	2,100	2,866	6,083	6,892	75	78	88
Hickory.....	4	5	8	23	26	6.56	14.19	10.11	11.79	933	1,124	1,729	3,821	4,373	43	47	52
Holt.....	13	18	22	41	46	5.67	8.75	7.12	13.27	1,614	2,650	3,225	5,900	6,790	75	88	87
Howard.....	14	20	28	57	65	7.05	10.01	8.44	13.32	1,302	1,874	2,566	5,648	6,466	61	70	82
Howell.....	25	31	51	113	130	7.50	10.83	9.06	15.02	1,148	1,332	2,169	4,036	4,712	54	59	60
Iron.....	13	13	23	55	62	5.50	11.78	8.43	11.61	1,673	1,451	2,378	5,256	5,822	78	65	74
Jackson.....	1,475	1,944	2,533	4,660	5,141	5.55	8.18	6.79	10.32	2,404	3,037	3,882	7,449	8,039	112	106	103
Jasper.....	143	185	234	483	539	5.07	9.73	7.25	11.56	1,835	2,322	2,895	5,804	6,432	86	79	82
Jefferson.....	118	203	306	728	823	10.03	11.61	10.77	13.05	1,801	2,471	2,970	5,783	6,362	84	81	81
Johnson.....	49	59	81	175	200	5.11	10.59	7.67	14.09	1,721	1,977	2,396	4,994	5,592	80	65	71
Knox.....	9	13	15	34	39	5.03	11.11	7.87	15.11	1,420	2,016	2,559	6,097	6,728	66	70	86
Laclede.....	25	32	49	108	119	6.94	10.49	8.61	10.50	1,328	1,671	2,559	4,761	5,137	62	66	66
Lafayette.....	42	60	85	190	216	7.21	10.95	8.97	13.42	1,683	2,272	3,149	6,615	7,483	79	86	95
Lawrence.....	31	41	60	137	155	7.00	11.05	8.90	13.34	1,358	1,663	2,429	4,935	5,524	62	66	70
Lewis.....	15	22	26	55	65	5.80	10.77	8.13	17.84	1,363	2,072	2,396	5,167	6,059	64	64	77
Lincoln.....	24	36	58	120	138	9.46	10.05	9.74	15.00	1,623	2,133	3,242	5,819	6,776	76	88	86
Linn.....	24	28	41	87	100	5.53	10.40	7.81	15.01	1,444	1,724	2,636	5,677	6,719	67	72	86
Livingston.....	24	33	47	111	123	6.91	11.28	8.96	10.79	1,550	2,089	3,001	7,005	7,490	72	82	96
McDonald.....	14	16	28	53	60	7.11	8.97	7.99	13.40	1,190	1,354	2,213	3,419	3,875	55	60	49
Macon.....	21	27	42	85	97	7.17	9.70	8.36	14.12	1,294	1,656	2,650	5,280	6,089	60	73	77
Madison.....	8	12	19	39	45	8.44	10.10	9.23	15.35	904	1,319	2,123	4,119	4,813	42	58	61
Marion.....	8	9	13	29	32	5.10	10.29	7.53	11.26	1,136	1,401	1,942	4,054	4,532	53	53	58
Marion.....	47	62	81	167	188	5.57	9.75	7.53	12.62	1,624	2,286	2,869	5,884	6,820	76	78	87
Mercer.....	9	10	11	24	28	1.48	11.07	5.91	18.01	1,653	1,845	2,145	5,132	6,128	77	58	78
Miller.....	20	25	39	90	103	6.74	11.51	8.97	14.98	1,487	1,704	2,569	5,223	5,801	69	70	74
Mississippi.....	21	31	31	76	79	3.78	10.94	7.11	3.91	1,048	1,751	1,807	4,710	4,898	49	49	62
Moniteau.....	16	21	29	62	70	6.18	10.22	8.08	12.82	1,542	1,949	2,681	5,387	6,018	72	73	77
Monroe.....	15	21	27	63	71	5.81	11.27	8.36	12.45	1,470	2,124	2,790	6,461	7,153	69	76	91
Montgomery.....	16	22	28	68	76	5.72	11.62	8.47	11.67	1,489	1,993	2,555	6,001	6,975	69	70	89
Morgan.....	11	16	25	53	59	7.93	10.28	9.04	11.70	1,226	1,574	2,417	4,223	4,633	57	66	59
New Madrid.....	38	48	40	109	111	4.48	12.03	5.80	1.31	1,226	1,826	1,634	4,506	4,601	57	45	59
Newton.....	43	59	79	170	193	6.15	10.47	8.18	13.90	1,462	1,834	2,377	4,567	5,183	68	65	66
Nodaway.....	29	39	55	123	142	6.73	11.11	8.78	15.49	1,306	1,704	2,408	5,660	6,604	61	66	84
Oregon.....	11	11	17	36	41	4.58	10.54	7.36	15.46	1,104	1,174	1,786	3,503	4,021	51	49	51
Osage.....	13	18	26	55	63	7.05	10.48	8.66	14.06	1,217	1,677	2,320	4,716	5,331	57	63	68
Ozark.....	6	8	11	26	29	5.78	11.87	8.62	14.31	917	1,226	1,688	3,354	3,723	43	46	47
Pemiscot.....	42	53	47	114	117	1.01	10.65	5.47	2.48	1,131	1,740	1,701	4,417	4,649	53	46	59
Perry.....	19	26	37	84	99	7.17	11.35	9.13	17.55	1,299	1,737	2,553	5,424	6,297	61	70	80
Pettis.....	64	82	102	203	226	4.82	9.23	6.89	11.30	1,838	2,536	2,968	5,661	6,186	86	81	79
Phelps.....	39	51	75	163	176	6.91	9.90	8.32	8.07	1,544	1,922	2,562	5,116	5,553	72	70	71
Pike.....	28	38	46	103	117	5.00	10.90	7.75	12.92	1,714	2,248	2,680	5,957	6,655	80	73	85
Platte.....	43	73	115	307	357	10.26	13.41	11.74	16.35	1,884	2,619	3,628	7,496	8,298	88	99	106
Polk.....	18	23	35	78	89	6.80	10.88	8.71	13.61	1,340	1,512	2,260	4,345	4,988	62	62	64
Pulaski.....	82	97	185	218	210	8.42	11.45	5.06	-3.62	1,794	1,858	3,408	4,812	5,109	84	93	65
Putnam.....	7	9	11	26	31	5.36	11.82	8.37	16.00	965	1,305	1,837	4,315	4,782	45	50	61
Ralls.....	11	15	20	48	53	6											

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years<sup>1</sup>—Continued

Area title	Total personal income									Per capita personal income							
	Millions of dollars					Average annual rate of growth				Dollars					Percent of U.S. average		
	1959	1965	1969	1977	1978	1959-69	1969-73	1959-78	1977-78	1959	1965	1969	1977	1978	1959	1969	1978
Sullivan.....	11	14	21	36	43	7.12	8.38	7.72	21.07	1,218	1,662	2,681	4,920	5,901	57	73	75
Taney.....	16	23	34	98	112	7.57	14.31	10.71	13.82	1,602	1,973	2,606	5,249	5,768	75	71	74
Texas.....	20	23	38	77	87	6.31	9.72	7.91	12.58	1,166	1,294	2,039	3,732	4,226	54	56	54
Vernon.....	26	34	44	101	110	5.40	10.84	7.94	9.05	1,278	1,705	2,246	5,073	5,660	60	61	72
Warren.....	16	20	29	81	95	6.10	14.08	9.81	16.12	1,853	2,236	2,969	6,471	7,172	86	81	91
Washington.....	20	26	32	67	71	5.17	9.11	7.02	6.11	1,380	1,798	2,126	4,036	4,081	64	58	52
Wayne.....	8	9	14	34	39	5.84	12.09	8.75	13.93	924	990	1,583	3,222	3,607	43	43	46
Webster.....	17	22	36	81	93	7.69	11.04	9.27	14.84	1,270	1,390	2,302	4,353	4,756	59	63	61
Worth.....	4	6	8	15	17	6.07	8.71	7.31	13.23	1,152	1,761	2,382	4,749	5,320	54	65	68
Wright.....	16	19	28	70	79	5.62	12.33	8.75	13.19	1,153	1,343	2,009	4,436	5,056	54	55	64
St. Louis—independent city	1,616	1,868	2,082	3,225	3,519	2.57	6.00	4.18	9.12	2,185	2,695	3,237	6,234	6,974	102	88	89
<b>Montana.....</b>	<b>1,295</b>	<b>1,704</b>	<b>2,175</b>	<b>4,585</b>	<b>5,425</b>	<b>5.32</b>	<b>10.69</b>	<b>7.83</b>	<b>18.34</b>	<b>1,936</b>	<b>2,414</b>	<b>3,133</b>	<b>5,988</b>	<b>6,915</b>	<b>90</b>	<b>85</b>	<b>88</b>
Sum of SMSA counties.....	344	448	573	1,291	1,449	5.23	10.85	7.86	12.23	2,279	2,651	3,412	6,919	7,611	106	93	97
Sum of non-SMSA counties.....	1,601	1,256	1,601	3,294	3,977	5.35	10.63	7.82	20.75	1,836	2,339	3,044	5,688	6,692	86	83	85
Beaverhead.....	15	17	22	43	58	4.35	11.22	7.55	34.77	2,043	2,244	2,751	5,238	6,786	95	75	87
Big Horn.....	14	18	26	48	65	6.64	10.49	8.45	34.14	1,402	1,621	2,632	4,534	6,084	65	72	77
Blaine.....	12	15	17	28	38	3.26	9.73	6.28	36.75	1,505	1,907	2,424	3,956	5,123	70	66	65
Broadwater.....	5	7	10	22	25	3.56	14.56	8.63	29.97	1,661	2,151	2,567	5,489	6,635	77	70	85
Carbon.....	13	16	22	43	49	5.69	9.33	7.40	14.02	1,544	2,018	3,075	5,279	5,835	72	84	74
Carter.....	3	4	6	12	12	8.59	4.59	6.68	80.82	1,375	2,219	3,865	3,545	6,168	64	105	79
Cascade.....	163	216	280	562	616	5.56	9.16	7.25	9.72	2,238	2,628	3,448	6,602	7,134	104	94	91
Chouteau.....	17	22	27	29	44	4.77	5.38	5.06	49.14	2,351	3,194	4,159	4,525	6,254	110	113	80
Custer.....	25	32	44	84	98	5.65	9.27	7.39	16.12	1,920	2,386	3,546	6,432	7,399	90	97	94
Daniels.....	5	10	12	20	28	8.37	9.82	9.05	36.65	1,441	3,129	3,812	6,540	9,373	67	104	120
Dawson.....	18	26	36	65	79	6.91	9.14	7.96	20.64	1,508	2,179	3,157	5,742	6,917	70	86	88
Deer Lodge.....	29	35	43	86	90	3.91	8.57	6.09	4.50	1,579	2,262	2,686	5,960	6,436	74	73	82
Fallon.....	6	8	11	18	24	6.95	8.41	7.64	30.14	1,478	1,845	2,831	4,550	5,899	69	77	75
Fergus.....	25	31	42	74	94	5.10	9.42	7.13	26.70	1,828	2,123	3,273	5,578	7,025	85	89	90
Flathead.....	68	90	119	294	345	5.77	12.56	8.93	17.54	2,080	2,461	3,060	6,250	6,906	97	83	88
Gallatin.....	48	64	85	219	251	6.02	12.74	9.15	14.75	1,845	2,061	2,673	5,656	6,247	86	73	80
Garfield.....	3	4	8	11	11	11.69	4.06	8.01	105.35	1,344	2,355	4,391	5,123	6,380	63	120	81
Glacier.....	18	25	28	68	87	4.70	13.35	8.71	28.14	1,546	1,792	2,578	6,145	7,624	72	70	97
Golden Valley.....	2	2	3	3	5	3.19	7.70	5.33	60.47	1,691	1,926	2,879	3,409	5,468	79	79	70
Granite.....	6	6	14	14	17	9.09	11.31	5.75	22.22	1,955	2,405	2,328	5,096	6,147	91	63	78
Hill.....	39	43	57	105	129	4.06	6.56	23.10	2,083	2,363	3,280	5,697	6,797	97	89	87	
Jefferson.....	7	10	13	30	35	6.21	12.00	8.91	16.64	1,623	1,801	2,449	4,220	4,610	76	67	59
Judith Basin.....	7	7	10	12	20	4.17	8.43	6.17	63.96	2,133	2,513	3,619	4,400	6,719	99	99	86
Lake.....	19	26	33	76	94	5.58	12.49	8.80	24.23	1,456	1,991	2,269	4,268	5,125	68	62	65
Lewis and Clark.....	64	90	123	295	330	6.70	11.58	8.98	11.91	2,320	2,892	3,755	7,461	8,052	108	102	103
Liberty.....	8	7	10	18	24	3.23	9.70	6.25	36.39	2,919	2,810	4,376	6,227	9,438	136	119	120
Lincoln.....	30	41	56	88	102	6.65	6.83	6.74	15.80	2,378	2,552	3,200	5,790	5,954	111	87	76
McCone.....	4	7	9	14	20	10.22	8.92	9.60	46.05	1,063	2,427	3,175	4,937	7,282	50	87	93
Madison.....	8	11	11	24	32	2.81	12.90	7.47	32.30	1,561	2,429	2,110	4,206	5,400	73	58	69
Meagher.....	5	6	5	12	16	8.88	12.88	6.39	36.78	1,928	2,508	2,514	5,310	6,080	90	69	85
Mineral.....	4	6	8	19	21	6.37	11.27	8.67	10.78	1,435	2,054	2,703	5,440	5,520	67	74	70
Missoula.....	96	131	178	436	503	6.37	12.24	9.11	15.48	2,167	2,628	3,125	6,477	7,224	101	85	92
Musselshell.....	7	8	11	26	31	4.51	12.40	8.17	19.04	1,439	2,099	2,838	5,631	6,494	67	77	83
Petroleum.....	1	2	2	4	4	2.88	9.96	6.18	129.94	1,594	1,986	2,694	2,844	6,639	74	73	85
Phillips.....	9	13	14	21	31	4.67	8.95	6.68	50.36	1,530	2,117	2,647	3,841	5,823	71	72	74
Pondera.....	14	19	23	42	54	5.06	9.90	7.33	31.03	1,871	2,523	3,465	5,488	7,322	87	94	96
Powder River.....	5	5	9	13	19	7.28	8.23	7.73	39.54	1,856	1,903	3,258	5,618	7,507	87	89	96
Powell.....	13	17	19	44	50	3.39	11.55	7.18	13.18	1,928	2,343	2,785	5,873	6,612	90	76	84
Prairie.....	3	4	5	8	13	3.85	11.23	7.29	66.04	1,455	2,266	2,705	4,103	6,088	88	74	85
Ravalli.....	22	29	37	92	113	5.48	13.17	9.06	22.08	1,777	2,168	2,605	4,732	5,362	83	71	68
Richland.....	14	21	28	56	74	6.85	11.67	9.11	31.68	1,363	1,980	2,776	5,498	6,890	64	76	88
Roosevelt.....	13	22	29	47	62	8.09	8.84	8.45	33.09	1,146	1,920	2,759	4,408	5,804	53	75	74
Rosebud.....	9	12	18	46	56	7.16	13.19	9.98	21.53	1,494	2,052	3,019	4,729	5,764	70	82	74
Sanders.....	12	15	18	44	48	4.48	11.33	7.67	9.51	1,731	2,320	2,582	5,195	5,635	81	70	72
Sheridan.....	10	15	19	30	40	6.95	8.82	7.83	36.30	1,508	2,427	3,232	5,594	7,822	70	88	100
Silver Bow.....	96	117	130	252	277	3.14	8.76	5.76	10.29	2,078	2,761	3,067	6,179	9,964	97	84	89
Stillwater.....	10	11	15	23	30	4.75	8.03	6.29	34.48	1,734	2,223	3,208	4,186	5,143	81	87	66
Sweet Grass.....	5	7	9	16	22	6.35	10.04	8.08	35.00	1,514	2,151	3,036	5,131	6,683	71	83	85
Teton.....	14	18	22	38	54	4.61	10.44	7.33	41.18	1,930	2,723	3,530	5,821	7,984	90	96	102
Toole.....	14	16	21	45	60	4.09	12.14	7.83	34.91	1,837	2,456	3,572	8,091	11,260	86	97	144
Treasure.....	2	3	5	7	7	7.72	5.28	6.56	44.54	1,645	2,455	4,211	4,207	6,091	77	115	78
Valley.....	25	48	40	62	76	4.76	7.53	6.07	23.29	1,465	2,049	3,178	4,920	6,282	68	87	80
Wheatland.....	5	6	9	15	20	5.86	9.45	7.55	36.93	1,691	2,37						



Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years<sup>1</sup>—Continued

Area title	Total personal income									Per capita personal income							
	Millions of dollars					Average annual rate of growth				Dollars					Percent of U.S. average		
	1959	1965	1969	1977	1978	1959-69	1969-78	1959-78	1977-78	1959	1965	1969	1977	1978	1959	1969	1978
Cuming.....	19	23	38	67	77	7.04	8.25	7.61	14.30	1,554	1,920	3,110	5,776	6,468	72	85	83
Custer.....	22	32	43	79	98	6.99	9.51	8.17	23.31	1,340	2,033	2,989	5,685	7,061	62	82	90
Dakota.....	22	29	40	92	110	6.47	11.80	8.96	20.35	1,790	2,397	3,116	5,515	6,561	83	85	84
Dawes.....	14	18	26	50	56	6.00	8.98	7.40	10.22	1,514	1,936	2,636	5,581	6,123	71	72	78
Dawson.....	35	54	70	134	153	7.26	9.17	8.16	14.56	1,797	2,635	3,584	6,218	7,079	84	98	90
Deuel.....	6	8	12	21	23	7.81	7.47	7.65	6.24	1,814	2,653	4,257	8,226	9,364	85	116	119
Dixon.....	11	15	21	37	44	6.29	8.73	7.44	21.74	1,417	1,907	2,786	5,163	6,283	66	76	80
Dodge.....	64	91	128	259	283	7.21	9.19	8.14	9.44	1,989	2,683	3,690	7,260	7,933	93	101	101
Douglas.....	833	1,148	1,537	3,003	3,331	6.31	8.98	7.56	10.90	2,451	3,049	3,987	7,354	8,115	114	109	104
Dundy.....	5	6	8	23	27	5.10	13.94	9.20	20.23	1,446	1,962	2,936	8,020	9,609	67	80	123
Fillmore.....	15	24	31	54	67	7.47	8.79	8.09	23.95	1,642	2,711	3,823	6,882	8,477	77	104	108
Franklin.....	8	12	16	29	36	7.66	9.45	8.50	24.25	1,397	2,449	3,424	6,401	7,864	65	93	100
Frontier.....	5	8	11	23	28	6.91	11.27	8.95	22.95	1,276	2,018	2,719	5,599	6,849	59	74	87
Furnas.....	11	15	21	41	49	6.20	9.83	7.90	18.85	1,504	2,040	3,025	6,156	7,307	70	82	93
Gage.....	43	61	82	161	185	6.62	9.44	7.94	14.85	1,627	2,325	3,207	6,851	7,900	76	87	101
Garden.....	5	8	10	17	20	6.73	8.47	7.55	16.49	1,463	2,465	3,243	5,912	6,952	68	88	89
Garfield.....	4	5	7	13	15	6.05	9.02	7.45	15.43	1,435	2,051	2,851	4,972	5,860	67	78	75
Gosper.....	3	5	7	13	18	8.85	11.07	9.89	38.59	1,188	2,237	3,188	4,937	6,474	55	87	83
Grant.....	2	3	4	5	6	5.95	4.53	5.28	14.99	2,371	3,090	4,243	6,211	7,490	111	116	96
Greeley.....	5	7	11	18	24	8.84	8.98	8.90	30.20	1,040	1,643	2,744	4,992	6,500	48	75	83
Hall.....	71	100	158	298	339	8.30	8.84	8.56	13.52	2,011	2,560	3,728	6,509	7,309	94	102	93
Hamilton.....	15	22	32	63	75	7.91	9.95	8.87	17.64	1,720	2,524	3,634	7,041	8,383	80	99	107
Harlan.....	6	10	14	26	33	8.58	10.00	9.25	26.06	1,215	2,157	3,140	6,025	7,205	57	86	92
Hayes.....	3	3	5	5	8	5.17	6.73	5.90	63.46	1,433	1,601	2,917	3,246	5,250	67	80	67
Hitchcock.....	8	10	12	26	30	4.00	10.67	7.11	16.66	1,695	2,357	2,923	6,285	7,444	79	80	95
Holt.....	17	18	28	70	84	5.52	12.83	8.92	19.16	1,218	1,367	2,195	5,400	6,517	57	60	83
Hooker.....	2	2	3	6	7	4.29	10.55	7.21	16.45	1,666	2,067	2,867	6,403	7,086	78	78	90
Howard.....	7	12	18	37	46	10.89	10.67	10.79	24.89	1,013	1,758	2,963	5,410	6,764	47	81	86
Jefferson.....	18	25	33	60	71	6.12	8.81	7.39	17.91	1,592	2,276	3,181	5,816	7,143	74	87	91
Johnson.....	7	13	18	29	36	9.90	8.13	9.06	25.28	1,123	2,135	3,082	5,344	6,604	52	84	84
Kearney.....	10	18	24	52	65	9.06	11.46	10.19	25.14	1,580	2,677	3,692	7,694	9,579	74	101	122
Keith.....	14	23	30	63	72	8.07	10.22	9.08	14.66	1,756	2,754	3,552	6,634	7,153	82	97	91
Keya Paha.....	2	2	4	6	6	5.22	6.05	5.61	6.38	1,289	1,296	2,626	4,423	4,877	60	72	62
Kimball.....	17	16	19	42	42	1.17	9.24	4.92	13.23	2,122	1,948	3,035	7,411	8,106	99	83	103
Knox.....	17	23	27	55	66	4.82	10.57	7.50	20.15	1,273	1,805	2,244	4,893	5,971	59	61	76
Lancaster.....	345	480	632	1,384	1,537	6.22	10.39	8.17	11.06	2,248	2,909	3,819	7,535	8,257	105	104	105
Lincoln.....	53	71	95	248	275	6.01	12.58	9.07	11.03	1,874	2,387	3,236	6,794	7,488	87	88	96
Logan.....	1	2	3	6	6	7.55	10.16	8.78	8.31	1,180	2,066	2,718	5,601	6,055	55	74	77
Loup.....	2	2	2	3	4	—	—	—	—	—	—	—	—	—	—	—	—
McPherson.....	1	1	2	3	4	5.88	8.92	7.31	27.06	1,488	1,690	3,072	4,926	6,809	77	54	49
Madison.....	43	63	88	219	252	7.43	12.33	9.73	15.20	1,735	2,324	3,230	7,473	8,508	81	88	109
Merrick.....	11	23	27	47	57	9.05	8.49	8.78	20.67	1,380	2,777	3,176	5,210	6,468	64	87	83
Morrill.....	9	13	15	32	37	5.45	10.18	7.66	13.16	1,289	2,045	2,592	5,226	5,992	60	71	76
Nance.....	7	11	14	32	30	7.09	8.28	7.65	21.58	1,309	2,055	2,795	5,206	6,411	61	76	82
Nemaha.....	14	20	31	48	58	8.42	7.11	7.80	20.30	1,547	2,284	3,541	6,028	7,203	72	97	92
Nuckolls.....	12	18	21	36	45	5.64	8.52	6.99	22.61	1,520	2,280	2,841	5,255	6,597	71	77	84
Otoe.....	26	41	54	100	115	7.39	8.81	8.06	15.17	1,620	2,534	3,464	6,626	7,616	76	94	97
Pawnee.....	6	10	14	22	30	7.97	8.76	8.34	32.12	1,217	2,016	3,047	5,654	7,660	57	83	98
Perkins.....	9	11	13	32	38	3.61	13.12	8.01	17.50	2,121	3,067	3,587	9,311	10,795	99	98	138
Phelps.....	17	24	33	67	80	6.75	10.42	8.47	19.44	1,748	2,486	3,393	6,601	8,042	81	93	103
Pierce.....	12	16	22	50	60	6.38	12.01	9.01	20.06	1,343	1,851	2,520	5,877	7,007	63	69	89
Platte.....	57	71	93	216	244	5.77	10.51	7.99	13.24	2,386	2,852	3,812	7,644	8,603	111	104	110
Polk.....	12	19	23	41	48	6.42	8.64	7.47	16.87	1,724	2,691	3,483	6,589	7,637	80	95	97
Red Willow.....	23	32	39	84	95	5.54	10.49	7.86	13.81	1,765	2,587	3,147	6,636	7,433	82	86	95
Richardson.....	23	31	43	72	81	6.30	7.37	6.81	11.98	1,688	2,453	3,467	6,339	7,232	79	95	92
Rock.....	4	6	6	16	18	3.72	12.57	7.83	7.13	1,660	1,773	2,681	6,901	7,123	77	73	91
Saline.....	21	31	43	89	103	7.49	10.12	8.73	15.66	1,691	2,394	3,387	6,869	7,905	79	92	101
Sarpy.....	62	120	196	447	494	12.24	10.51	11.56	10.56	1,998	2,330	3,151	5,419	5,796	93	86	74
Saunders.....	25	41	56	111	126	8.65	9.35	8.98	13.24	1,437	2,376	3,369	6,124	6,966	67	92	88
Scotts Bluff.....	60	87	112	233	262	6.47	9.91	8.09	12.33	1,785	2,437	3,055	6,209	6,967	83	83	89
Seward.....	19	29	45	83	95	9.19	8.63	8.92	16.58	1,395	2,033	3,176	5,473	6,228	65	87	79
Sheridan.....	15	18	22	44	49	3.65	9.33	6.30	12.22	1,728	2,168	2,949	5,889	6,635	81	80	85
Sherman.....	6	8	13	24	29	7.48	9.89	8.61	21.71	1,151	1,565	2,651	5,540	6,792	54	72	87
Sioux.....	4	4	5	6	9	3.51	5.57	4.48	45.31	1,474	1,521	2,543	3,093	4,387	69	69	56
Stanton.....	8	9	15	34	42	7.22	11.97	9.45	26.26	1,333	1,502	2,415	5,347	6,915	62	66	88
Thayer.....	12	21	23	47	58	6.74	10.98	8.73	24.62	1,315	2,503	2,862	6,238	7,398	61	78	94
Thomas.....	1	2	3	5	6	6.29	9.65	7.87	26.18	1,369	1,962	2,971	5,377	6,539	64	81	83
Thurston.....	8	14	18	39	44	8.91	10.34	9.58	12.82	1,089	1,929	2,614	5,477	6,266	51	71	80
Valley.....	8	12	16	32	38	7.46	10.50	8.89	21.81	1,170	1,905	2,655	5,916	7,112	55	72	91
Washington.....	22	32	48	96	109	8.30	9.58	8.90	13.46	1,798	2,550	3,669	6,354	7,181	84	100	92
Wayne.....	14	18	26	53	60	6.63	9.75	8.10	13.15	1,390	1,809	2,484	5,675	6,385	65	68	81
Webster.....	8	12	16	30	36	7.41	9.61	8.45	22.86	1,265	2,105	2,921	5,888	7,488	59	80	96
Wheeler.....	1	1	2	5	8	4.91	15.31	9.71	69.00	1,076	1,066	2,090	4,694	7,683	50	57	98
York.....	25	38	48	94	111	6.64	9.73	8.09	17.49	1,855	2,710	3,577	6,592	7,570	86	98	97
Nevada.....	741	1,409	2,041	5,224	6,222	10.66	13.18	11.85	19.10	2,657	3,174	4,252	8,202	9,377	124	116	120
Sum of SMSA counties.....	588	1,167	1,689	4,376	5,209	11.12	13.33	12.16	19.03	2,842	3,331	4,377	8,435	9,645	132	119	

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years 1—Continued

Area title	Total personal income										Per capita personal income							
	Millions of dollars					Average annual rate of growth					Dollars					Percent of U.S. average		
	1959	1965	1969	1977	1978	1959-69	1969-78	1959-78	1977-78	1959	1965	1969	1977	1978	1959	1969	1978	
Carson City.....	20	39	60	215	260	11.51	17.61	14.36	20.86	2,574	2,364	3,885	7,914	8,814	120	106	112	
New Hampshire.....	1,246	1,770	2,559	5,644	6,427	7.46	10.77	9.02	13.87	2,091	2,619	3,535	6,639	7,378	97	96	94	
Sum of SMSA counties.....	620	901	1,333	2,987	3,422	7.96	11.05	9.41	14.58	2,277	2,816	3,757	6,972	7,777	106	102	99	
Sum of non-SMSA counties.....	627	870	1,227	2,658	3,005	6.95	10.47	8.60	13.07	1,935	2,441	3,322	6,301	6,970	90	91	89	
Belknap.....	62	82	115	251	283	6.43	10.53	8.35	13.08	2,174	2,648	3,639	6,611	7,212	101	99	92	
Carroll.....	29	42	62	155	175	7.67	12.33	9.85	12.79	1,891	2,428	3,414	6,245	6,885	88	93	88	
Cheshire.....	92	129	185	378	431	7.20	9.85	8.45	14.13	2,170	2,628	3,616	6,498	7,202	101	99	92	
Coos.....	59	75	98	203	221	5.29	9.47	7.25	9.06	1,606	2,162	2,853	5,790	6,257	75	78	80	
Grafton.....	88	129	180	406	455	7.33	10.90	9.01	12.28	1,844	2,509	3,315	6,629	7,438	86	90	95	
Hillsborough.....	407	579	852	1,785	2,037	7.66	10.17	8.84	14.13	2,327	2,862	3,852	7,000	7,835	108	105	100	
Merrimack.....	139	195	278	611	693	7.14	10.68	8.81	13.42	2,095	2,528	3,489	6,763	7,450	98	95	95	
Rockingham.....	213	321	481	1,202	1,385	8.50	12.48	10.37	15.25	2,187	2,736	3,601	6,929	7,695	102	98	98	
Strafford.....	109	151	213	451	513	6.91	10.25	8.48	13.84	1,863	2,251	3,066	5,583	6,200	87	84	79	
Sullivan.....	47	68	96	203	232	7.37	10.29	8.74	14.17	1,711	2,338	3,132	6,070	6,808	80	85	87	
New Jersey.....	15,655	22,400	30,930	58,112	64,297	7.05	8.47	7.72	10.64	2,603	3,319	4,359	7,920	8,775	121	119	112	
Sum of SMSA counties.....	15,052	21,436	29,439	54,132	59,808	6.94	8.19	7.53	10.49	2,614	3,341	4,399	8,015	8,893	122	120	113	
Sum of non-SMSA counties.....	604	963	1,491	3,980	4,489	9.46	13.03	11.14	12.80	2,341	2,739	3,706	6,815	7,459	109	101	95	
Atlantic.....	318	459	637	1,242	1,400	7.19	9.14	8.11	12.72	1,994	2,686	3,648	6,569	7,369	93	99	94	
Bergen.....	2,427	3,463	4,798	8,732	9,631	7.05	8.05	7.53	10.29	3,137	4,025	5,369	10,003	11,132	146	146	142	
Burlington.....	576	841	1,294	2,467	2,710	8.42	8.56	8.49	9.83	2,589	3,175	4,130	6,811	7,454	121	113	95	
Camden.....	911	1,272	1,745	3,292	3,619	6.72	8.44	7.53	9.92	2,343	2,953	3,869	6,944	7,673	109	106	98	
Cape May.....	98	144	206	510	562	7.69	11.81	9.62	10.21	2,036	2,532	3,485	6,716	7,296	95	95	93	
Cumberland.....	229	311	414	829	905	6.13	9.07	7.51	9.22	2,158	2,619	3,432	6,279	6,952	101	94	89	
Essex.....	2,418	3,256	4,118	6,716	7,305	5.47	6.58	5.99	8.77	2,640	3,428	4,450	7,920	8,802	123	121	112	
Gloucester.....	291	417	572	1,200	1,355	6.98	10.05	8.43	12.94	2,180	2,706	3,364	6,154	6,775	102	92	86	
Hudson.....	1,411	1,840	2,356	4,147	4,498	5.26	7.45	6.29	8.45	2,330	2,981	3,852	7,365	8,119	109	105	104	
Hunterdon.....	132	196	289	664	750	8.13	11.16	9.55	12.91	2,469	3,073	4,219	8,030	8,911	115	115	114	
Mercer.....	634	896	1,234	2,448	2,702	6.88	9.10	7.93	10.40	2,402	3,022	4,036	7,718	8,520	112	110	109	
Middlesex.....	1,101	1,655	2,389	4,764	5,350	8.05	9.37	8.68	12.31	2,559	3,169	4,169	8,069	9,051	119	114	115	
Monmouth.....	809	1,293	1,936	3,869	4,318	9.12	9.33	9.22	11.61	2,440	3,148	4,292	7,819	8,639	114	117	110	
Morris.....	721	1,224	1,827	3,633	4,073	9.74	9.32	9.54	12.10	2,781	3,737	4,852	9,080	10,081	130	132	129	
Ocean.....	268	444	706	2,054	2,323	10.18	14.15	12.04	13.10	2,494	2,714	3,543	6,421	7,006	116	97	89	
Passaic.....	985	1,372	1,878	3,355	3,690	6.66	7.80	7.20	10.00	2,444	3,093	4,074	7,457	8,297	114	111	106	
Salem.....	130	167	225	432	473	5.62	8.62	7.03	9.67	2,236	2,786	3,787	6,844	7,581	104	103	97	
Somerset.....	421	652	991	1,991	2,235	8.93	9.46	9.18	12.27	2,954	3,606	5,080	9,664	10,756	138	139	137	
Sussex.....	106	179	290	753	855	10.62	12.78	11.64	13.61	2,162	2,658	3,844	7,129	7,831	101	105	100	
Union.....	1,533	2,125	2,753	4,441	4,899	6.03	6.61	6.30	10.32	3,067	3,954	5,115	8,649	9,613	143	139	123	
Warren.....	135	194	273	575	645	7.28	10.01	8.57	12.12	2,159	2,769	3,756	6,987	7,678	101	102	98	
New Mexico.....	1,684	2,190	2,851	7,068	7,999	5.41	12.15	8.55	14.14	1,832	2,164	2,820	5,859	6,599	85	77	84	
Sum of SMSA counties.....	694	933	1,224	3,087	3,511	5.85	12.42	8.91	13.71	2,134	2,386	3,054	6,346	7,196	99	83	91	
Sum of non-SMSA counties.....	990	1,257	1,626	3,920	4,488	5.09	11.94	8.28	14.48	1,667	2,024	2,666	5,525	6,249	78	73	80	
Bernalillo.....	580	772	1,017	2,543	2,899	5.77	12.34	8.83	14.01	2,291	2,514	3,232	6,746	7,546	107	88	96	
Catron.....	3	3	5	9	11	4.55	9.01	6.64	20.10	1,226	1,272	2,331	3,592	3,962	57	64	51	
Chaves.....	119	135	123	269	313	2.29	10.98	5.22	16.19	2,137	2,215	2,829	5,418	6,238	100	77	80	
Colfax.....	19	24	32	71	82	5.33	11.11	8.03	14.89	1,409	1,809	2,613	5,434	6,385	66	71	81	
Curry.....	62	84	121	236	280	6.94	9.73	8.25	18.39	1,962	2,380	3,191	5,746	6,767	91	87	86	
De Baca.....	4	4	7	13	16	5.01	10.53	7.59	19.40	1,381	1,498	2,603	5,254	5,708	64	71	73	
Dona Ana.....	101	144	180	432	484	5.89	11.64	8.58	11.90	1,749	2,086	2,603	5,094	5,675	82	71	72	
Eddy.....	90	109	117	277	301	2.71	11.04	6.57	8.61	1,828	2,272	2,858	6,021	6,372	85	78	81	
Grant.....	36	42	67	152	155	6.37	9.68	7.93	1.54	2,009	2,165	3,047	6,115	6,248	94	83	80	
Guadalupe.....	6	7	11	17	21	6.94	7.28	7.10	20.28	1,042	1,266	2,211	3,542	4,498	49	60	57	
Harding.....	3	3	4	7	7	1.84	6.91	4.21	27.31	1,686	1,574	2,619	4,357	5,529	79	71	71	
Hidalgo.....	9	9	12	37	37	5.35	13.11	8.96	94	1,523	1,604	2,560	5,990	6,168	71	70	79	
Lea.....	106	124	154	352	399	3.85	11.14	7.24	13.18	2,047	2,377	3,101	6,654	7,411	95	85	95	
Lincoln.....	11	14	19	52	60	5.12	13.70	9.10	16.27	1,534	1,790	2,488	4,985	5,647	72	68	72	
Los Alamos.....	41	61	79	170	198	6.82	10.74	8.66	16.79	3,242	4,151	5,235	10,040	11,009	151	143	140	
Luna.....	17	24	31	80	86	6.06	11.85	8.77	7.73	1,826	2,247	2,744	5,465	5,934	85	75	76	
McKinley.....	39	58	85	231	270	7.98	13.75	10.67	16.95	1,095	1,410	1,972	4,157	4,867	51	54	62	
Mora.....	5	6	5	14	15	.02	13.15	6.04	10.81	868	960	1,078	2,872	3,266	40	29	42	
Otero.....	53	88	119	238	258	8.40	8.93	8.65	8.36	1,491	2,456	2,923	5,540	6,025	70	80	77	
Quay.....	18	21	26	53	69	3.95	11.39	7.41	29.87	1,496	1,631	2,400	4,757	6,224	70	65	79	
Rio Arriba.....	24	36	48	115	132	7.01	12.03	9.36	14.86	1,032	1,453	1,893	4,094	4,675	48	52	60	
Roosevelt.....	30	44	60	100	100	6.08	9.61	7.74	16.59	1,553	1,821	2,658	5,137	6,107	72	72	78	
Sandoval.....	12	17	28	112	128	8.92	18.41	13.32	14.02	867	1,148	1,615	4,534	5,206	40	44	66	
San Juan.....	82	97	127	440	529	4.42	17.18	10.28	20									

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years 1—Continued

Area title	Total personal income									Per capita personal income								
	Millions of dollars					Average annual rate of growth				Dollars					Percent of U.S. average			
	1959	1965	1969	1977	1978	1959-69	1969-78	1959-78	1977-78	1959	1965	1969	1977	1978	1959	1969	1978	
Essex.....	59	75	100	181	205	5.34	8.32	6.74	12.98	1,689	2,089	2,876	5,093	5,830	79	78	74	
Franklin.....	64	82	111	213	232	5.69	8.53	7.02	9.16	1,437	1,764	2,517	4,736	5,187	67	69	66	
Fulton.....	97	124	166	310	338	5.53	8.21	6.79	8.90	1,899	2,287	3,161	5,665	6,195	89	86	79	
Genesee.....	107	152	211	379	413	7.03	7.77	7.38	9.15	1,990	2,597	3,611	6,254	6,972	93	98	89	
Greene.....	57	80	113	230	261	7.03	9.76	8.31	13.58	1,836	2,403	3,414	5,950	6,822	86	93	87	
Hamilton.....	8	9	12	25	28	4.74	9.36	6.90	10.30	1,840	1,977	2,647	5,026	5,499	86	72	70	
Herkimer.....	143	187	265	392	429	6.31	5.53	5.94	9.57	2,174	2,809	3,911	5,875	6,586	101	107	84	
Jefferson.....	152	204	280	510	571	6.31	8.23	7.22	11.98	1,741	2,252	3,166	5,597	6,381	81	86	81	
Kings <sup>2</sup> .....			9,385	14,487	15,637		5.84		7.93			3,614	6,242	6,869		99	88	
Lewis.....	34	46	64	115	132	6.53	8.48	7.45	15.49	1,461	1,869	2,685	4,514	5,156	68	73	66	
Livingston.....	84	120	180	333	367	7.97	8.23	8.09	10.17	1,912	2,399	3,380	5,830	6,564	89	92	84	
Madison.....	104	142	194	360	401	6.43	8.38	7.35	11.38	1,918	2,415	3,121	5,460	6,069	89	85	77	
Montroe.....	1,637	2,304	3,175	5,756	6,270	6.85	7.87	7.33	9.09	2,808	3,512	4,533	8,088	8,891	131	124	113	
Montgomery.....	105	141	193	336	364	6.28	7.34	6.78	8.42	1,841	2,383	3,443	6,078	6,686	86	94	85	
Nassau.....	4,177	5,679	7,890	13,771	15,071	6.57	7.46	6.99	9.43	3,232	4,080	5,539	9,811	10,821	151	151	138	
New York <sup>3</sup> .....			10,442	15,267	16,671		5.34		9.20			6,764	11,042	12,279		184	157	
Niagara.....	509	676	873	1,590	1,723	5.56	7.84	6.63	8.38	2,111	2,770	3,712	6,689	7,280	98	101	93	
Oneida.....	559	709	903	1,602	1,753	4.90	7.65	6.20	9.41	2,128	2,599	3,303	6,097	6,735	99	90	86	
Onondaga.....	1,042	1,369	1,779	3,238	3,573	5.50	8.06	6.70	10.33	2,477	3,009	3,787	6,831	7,546	115	103	96	
Ontario.....	138	203	296	573	630	7.95	8.76	8.33	9.91	2,033	2,660	3,778	6,649	7,230	95	103	92	
Orange.....	402	576	831	1,688	1,862	7.54	9.38	8.41	10.35	2,200	2,785	3,807	6,781	7,372	103	104	94	
Orleans.....	68	95	133	244	266	7.01	8.02	7.49	9.19	1,990	2,563	3,600	6,318	6,902	93	98	88	
Oswego.....	160	218	293	638	698	6.29	10.10	8.08	9.34	1,863	2,327	2,941	5,724	6,335	87	80	81	
Otsego.....	90	123	174	322	357	6.85	8.31	7.54	11.07	1,738	2,243	3,121	5,569	6,196	81	85	79	
Putnam.....	65	129	226	506	563	13.18	10.70	12.00	11.24	2,073	2,871	4,149	7,071	7,873	97	113	100	
Queens <sup>2</sup> .....			9,528	15,088	16,395		6.22		8.66			4,844	7,705	8,444		132	108	
Rensselaer.....	283	378	515	940	1,028	6.16	7.98	7.02	9.29	1,999	2,467	3,394	6,180	6,831	93	93	87	
Richmond <sup>3</sup> .....			1,196	2,431	2,681		9.38		10.28			4,142	7,258	7,928		113	101	
Rockland.....	348	609	977	2,106	2,331	10.86	10.15	10.52	10.55	2,562	3,321	4,375	8,173	9,011	119	119	115	
St. Lawrence.....	179	228	305	578	633	5.47	8.45	6.87	9.94	1,621	2,017	2,719	4,928	5,457	76	74	70	
Saratoga.....	170	268	409	918	1,017	9.15	10.67	9.87	10.86	1,922	2,529	3,467	6,208	6,882	90	95	88	
Schenectady.....	368	488	629	1,202	1,317	5.51	8.55	6.94	9.54	2,423	3,019	3,920	7,707	8,545	113	107	109	
Schoharie.....	33	47	69	132	149	7.75	8.89	8.29	13.16	1,463	1,899	2,818	4,655	5,401	68	77	69	
Schuyler.....	25	36	51	101	101	7.19	7.93	7.54	9.91	1,099	2,137	3,060	5,227	5,820	79	83	74	
Seneca.....	58	81	111	212	235	6.65	8.71	7.62	10.72	1,882	2,366	3,155	6,278	6,950	85	86	89	
Steuben.....	185	252	333	615	686	6.04	8.38	7.14	11.57	1,905	2,469	3,344	6,308	6,816	89	91	87	
Suffolk.....	1,072	2,725	4,383	9,334	10,238	10.12	9.88	10.01	9.05	2,522	2,947	4,013	7,231	7,890	118	109	101	
Sullivan.....	91	131	186	359	392	7.39	8.62	7.97	9.23	2,027	2,550	3,575	5,720	6,360	94	97	81	
Tioga.....	77	105	162	299	334	7.70	8.40	8.03	11.52	2,046	2,457	3,515	6,060	6,725	95	96	86	
Tompkins.....	133	188	255	498	552	6.09	8.96	7.76	10.73	2,027	2,547	3,343	5,982	6,606	94	91	84	
Ulster.....	249	351	510	996	1,101	7.42	8.92	8.13	10.53	2,112	2,655	3,651	6,454	7,134	98	100	91	
Warren.....	91	124	169	339	373	6.40	9.19	7.71	9.95	2,077	2,495	3,449	6,406	7,189	97	94	91	
Washington.....	83	110	153	289	324	6.30	8.66	7.41	12.03	1,726	2,027	2,921	5,221	5,866	80	80	75	
Wayne.....	146	209	296	542	600	7.32	8.18	7.73	10.81	2,159	2,818	3,773	6,585	7,331	101	103	94	
Westchester.....	2,827	3,933	5,402	8,948	9,848	6.69	6.90	6.79	10.06	3,515	4,586	6,086	10,130	11,229	164	166	143	
Wyoming.....	60	84	118	239	269	6.93	8.18	7.52	10.43	1,741	2,212	3,170	5,569	6,233	81	86	80	
Yates.....	33	44	63	118	134	6.76	8.79	7.72	12.99	1,758	2,200	3,171	5,567	6,239	82	86	80	
New York City <sup>3</sup> .....	21,302	27,656								2,753	3,514				128			
<b>North Carolina.....</b>	<b>6,822</b>	<b>10,151</b>	<b>15,061</b>	<b>32,667</b>	<b>37,029</b>	<b>8.24</b>	<b>10.51</b>	<b>9.31</b>	<b>13.35</b>	<b>1,530</b>	<b>2,087</b>	<b>2,994</b>	<b>5,923</b>	<b>6,640</b>	<b>71</b>	<b>82</b>	<b>85</b>	
<b>Sum of SMSA counties.....</b>	<b>3,462</b>	<b>5,165</b>	<b>7,710</b>	<b>16,564</b>	<b>18,645</b>	<b>8.34</b>	<b>10.31</b>	<b>9.27</b>	<b>12.56</b>	<b>1,892</b>	<b>2,470</b>	<b>3,435</b>	<b>6,649</b>	<b>7,391</b>	<b>88</b>	<b>94</b>	<b>94</b>	
<b>Sum of non-SMSA counties.....</b>	<b>3,360</b>	<b>4,986</b>	<b>7,350</b>	<b>16,103</b>	<b>18,385</b>	<b>8.14</b>	<b>10.12</b>	<b>9.36</b>	<b>14.17</b>	<b>1,278</b>	<b>1,798</b>	<b>2,638</b>	<b>5,325</b>	<b>6,019</b>	<b>60</b>	<b>72</b>	<b>77</b>	
Alamance.....	151	217	324	590	654	7.91	8.12	8.01	10.81	1,805	2,255	3,372	5,990	6,671	84	92	85	
Alexander.....	22	36	55	123	140	9.55	10.92	10.20	13.82	1,445	2,047	2,925	5,521	6,183	67	80	79	
Alleghany.....	8	12	18	39	45	8.67	11.12	9.82	14.71	1,008	1,487	2,167	4,470	5,136	47	59	66	
Anson.....	24	36	52	119	145	7.88	12.06	9.84	22.13	997	1,517	2,182	4,946	6,152	46	60	78	
Ashe.....	20	27	38	94	110	6.69	12.38	9.35	16.89	1,038	1,381	1,957	4,599	5,283	48	53	67	
Avery.....	9	14	23	51	56	9.18	10.71	9.90	11.13	798	1,146	1,790	3,622	4,086	37	49	52	
Beaufort.....	36	56	86	202	234	9.04	11.78	10.33	16.34	1,028	1,559	2,360	5,110	5,866	48	64	75	
Bertie.....	19	28	42	99	113	8.15	11.64	9.79	14.49	807	1,237	2,027	4,681	5,344	38	55	68	
Bladen.....	23	34	52	118	138	8.22	11.59	9.80	17.01	829	1,295	2,006	4,097	4,734	39	55	60	
Brunswick.....	18	26	45	145	166	9.87	15.59	12.54	14.77	886	1,195	1,883	4,435	5,071	41	51	65	
Buncombe.....	219	322	449	990	1,038	7.43	9.77	8.53	11.65	1,721	2,291	3,096	6,121	6,725	80	84	80	
Burke.....	76	122	186	381	421	9.34	9.52	9.43	10.65	1,476	2,095	3,111	5,952	6,696	69	85	84	
Cabarrus.....	119	178	246	487	548	7.55	9.34	8.40	12.65	1,778	2,485	3,328	6,163	6,881	83	91	88</	

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years 1—Continued

Area title	Total personal income										Per capita personal income							
	Millions of dollars					Average annual rate of growth					Dollars					Percent of U.S. average		
	1959	1965	1969	1977	1978	1959-69	1969-78	1959-78	1977-78	1959	1965	1969	1977	1978	1959	1969	1978	
Harnett.....	53	80	115	256	284	8.09	10.55	9.25	11.06	1,120	1,599	2,342	4,657	5,094	52	64	65	
Haywood.....	58	80	113	246	275	6.86	10.40	8.52	11.85	1,496	1,916	2,729	5,641	6,157	70	74	79	
Henderson.....	57	88	127	325	371	8.36	12.65	10.37	14.27	1,609	2,187	3,022	6,431	7,187	75	82	92	
Hertford.....	22	31	54	114	127	9.40	10.00	9.68	11.77	986	1,298	2,302	4,666	5,080	46	63	65	
Hoke.....	14	22	32	73	78	8.36	10.45	9.35	7.04	892	1,237	1,924	3,930	4,142	42	52	53	
Hyde.....	4	7	11	21	24	10.06	9.42	9.76	17.06	733	1,318	2,004	3,575	4,421	34	55	56	
Iredell.....	97	147	208	447	512	7.93	10.49	9.14	14.56	1,588	2,129	2,924	5,737	6,450	74	80	82	
Jackson.....	18	29	45	108	121	9.43	11.70	10.50	11.56	1,043	1,548	2,083	4,343	4,757	49	57	61	
Johnston.....	69	107	164	349	411	8.98	10.74	9.81	17.80	1,126	1,749	2,658	5,281	6,157	52	72	79	
Jones.....	10	14	20	39	50	7.83	10.60	9.13	28.71	884	1,407	2,103	4,045	5,104	41	57	65	
Lee.....	40	61	91	207	232	8.60	11.04	9.75	12.16	1,529	2,037	2,915	6,029	6,625	71	79	85	
Lenoir.....	75	108	146	329	372	6.93	10.91	8.80	13.13	1,386	1,824	2,648	5,550	6,231	65	72	81	
Lincoln.....	43	64	94	218	254	8.10	11.70	9.79	16.27	1,524	2,115	2,925	5,774	6,516	71	80	83	
McDowell.....	34	51	75	184	203	8.22	11.62	9.82	10.16	1,306	1,784	2,500	5,489	5,936	61	68	76	
Macon.....	16	23	35	88	99	8.04	12.03	9.91	12.44	1,120	1,547	2,238	4,659	5,131	52	61	65	
Madison.....	15	21	30	67	75	7.11	10.72	8.81	11.82	899	1,247	1,809	3,951	4,378	42	49	56	
Martin.....	28	41	62	133	153	8.15	10.52	9.27	14.94	1,067	1,646	2,474	5,227	6,014	50	67	77	
Mecklenburg.....	616	940	1,373	2,891	3,269	8.34	10.12	9.18	13.07	2,315	3,054	4,021	7,664	8,499	108	110	108	
Mitchell.....	15	20	29	67	75	7.08	11.13	8.98	11.14	1,072	1,494	2,085	4,809	5,315	50	57	68	
Montgomery.....	25	35	51	109	125	7.36	10.51	8.84	15.28	1,393	1,765	2,650	5,600	6,310	65	72	80	
Moore.....	47	76	114	269	305	9.17	11.55	10.29	13.53	1,319	1,951	2,936	6,149	6,823	61	80	87	
Nash.....	72	105	155	374	432	7.99	12.03	9.88	15.56	1,207	1,682	2,629	5,618	6,410	56	72	82	
New Hanover.....	112	164	257	594	658	8.67	11.02	9.78	10.68	1,592	2,183	3,163	6,128	6,728	74	86	86	
Northampton.....	20	31	44	97	110	8.21	10.90	9.48	14.40	754	1,203	1,799	4,150	4,726	35	49	60	
Onslow.....	141	199	287	603	670	7.36	9.86	8.53	11.03	1,746	2,109	2,858	5,191	5,698	81	78	73	
Orange.....	57	102	187	415	471	11.31	12.17	11.72	13.39	1,365	1,998	2,969	6,078	6,770	64	81	86	
Pamlico.....	9	13	19	47	53	8.15	11.97	9.94	12.53	912	1,370	2,065	4,830	5,339	43	56	68	
Pasquotank.....	36	45	65	145	159	6.23	10.37	8.17	9.81	1,426	1,670	2,438	5,073	5,533	66	66	71	
Pender.....	16	24	37	92	105	8.73	12.27	10.40	13.85	885	1,364	2,047	4,308	4,740	41	56	60	
Perquimans.....	8	12	19	39	47	8.63	10.93	9.71	21.13	901	1,356	2,177	4,453	5,361	42	59	68	
Person.....	30	43	66	140	159	8.20	10.32	9.20	13.57	1,157	1,562	2,509	5,192	5,864	54	68	75	
Pitt.....	79	123	183	428	500	8.81	11.79	10.21	16.75	1,151	1,690	2,489	5,352	6,127	54	68	78	
Polk.....	15	24	38	83	91	10.07	10.26	10.16	10.43	1,302	2,046	3,220	6,504	7,343	61	88	94	
Randolph.....	98	156	249	514	592	9.71	10.13	9.90	15.25	1,636	2,252	3,263	6,166	6,992	76	89	89	
Richmond.....	53	74	106	246	281	7.20	9.88	8.46	11.51	1,373	1,888	2,687	5,289	5,756	64	73	73	
Robeson.....	81	117	175	392	465	8.03	11.44	9.63	18.79	929	1,338	2,072	4,173	4,956	43	57	63	
Rockingham.....	103	153	219	456	525	7.83	10.18	8.94	15.17	1,514	2,160	3,040	5,978	6,854	71	83	87	
Rowan.....	131	190	272	544	612	7.54	9.44	8.43	12.52	1,621	2,222	3,068	5,851	6,545	76	84	83	
Rutherford.....	58	85	122	274	302	7.76	10.58	9.09	10.10	1,310	1,887	2,565	5,363	5,850	61	70	75	
Sampson.....	44	67	106	217	271	9.18	10.98	10.03	24.84	938	1,402	2,320	4,465	5,514	44	63	70	
Scotland.....	28	47	70	152	172	9.61	10.44	10.00	13.54	1,141	1,789	2,593	5,076	5,546	53	71	71	
Stanley.....	65	93	133	265	302	7.46	9.57	8.46	14.08	1,614	2,162	3,125	5,880	6,678	75	85	85	
Stokes.....	30	41	59	150	173	6.97	12.60	9.60	15.34	1,388	1,776	2,472	5,184	5,763	65	67	74	
Surry.....	76	108	155	310	359	7.32	9.80	8.49	15.60	1,618	2,139	3,047	5,574	6,410	75	83	82	
Swain.....	9	14	19	46	53	7.08	12.38	9.56	14.40	1,141	1,670	2,241	4,490	5,203	53	61	66	
Transylvania.....	25	36	50	118	131	7.28	11.17	9.10	10.68	1,557	1,944	2,541	5,438	5,949	73	69	76	
Tyrrell.....	3	4	7	14	18	9.40	10.51	9.93	26.08	682	1,008	1,933	3,679	4,505	32	53	57	
Union.....	68	101	157	369	445	8.81	12.25	10.42	20.46	1,547	2,044	2,910	5,815	6,816	72	79	87	
Vance.....	39	57	86	189	204	8.14	10.07	9.05	7.73	1,253	1,751	2,620	5,523	5,927	58	71	76	
Wake.....	314	514	809	1,956	2,224	9.93	11.90	10.86	13.71	1,897	2,630	3,639	7,191	7,987	88	99	102	
Warren.....	18	25	33	64	72	6.21	9.05	7.55	12.54	933	1,451	2,088	3,781	4,184	43	57	53	
Washington.....	15	23	34	80	94	8.53	11.84	10.08	17.60	1,147	1,665	2,444	5,333	6,217	53	67	79	
Watauga.....	20	32	52	133	149	9.77	12.53	11.07	12.50	1,185	1,747	2,277	4,657	5,202	55	62	66	
Wayne.....	100	152	234	502	575	8.81	10.52	9.62	14.64	1,251	1,719	2,733	5,514	6,185	58	75	79	
Wilkes.....	50	79	133	322	360	10.39	11.68	11.00	12.00	1,120	1,604	2,688	5,866	6,463	52	73	82	
Wilson.....	72	106	157	363	422	8.11	11.59	9.75	16.11	1,277	1,814	2,789	5,907	6,937	60	76	88	
Yadkin.....	33	46	68	161	183	7.44	11.65	9.41	13.60	1,487	1,901	2,778	6,011	6,783	69	76	87	
Yancey.....	12	16	23	55	60	6.98	11.17	8.94	9.18	858	1,152	1,798	3,804	4,089	40	49	52	
<b>North Dakota.....</b>	<b>956</b>	<b>1,508</b>	<b>1,830</b>	<b>3,833</b>	<b>4,845</b>	<b>6.71</b>	<b>11.42</b>	<b>8.92</b>	<b>26.41</b>	<b>1,547</b>	<b>2,323</b>	<b>2,947</b>	<b>5,895</b>	<b>7,432</b>	<b>72</b>	<b>80</b>	<b>95</b>	
<b>Sum of SMSA counties.....</b>	<b>339</b>	<b>502</b>	<b>637</b>	<b>1,483</b>	<b>1,729</b>	<b>6.49</b>	<b>11.74</b>	<b>8.95</b>	<b>16.48</b>	<b>2,636</b>	<b>2,538</b>	<b>3,281</b>	<b>6,682</b>	<b>7,656</b>	<b>95</b>	<b>89</b>	<b>98</b>	
<b>Sum of non-SMSA counties.....</b>	<b>617</b>	<b>1,006</b>	<b>1,194</b>	<b>2,349</b>	<b>3,116</b>	<b>6.83</b>	<b>11.25</b>	<b>8.90</b>	<b>32.68</b>	<b>1,367</b>	<b>2,229</b>	<b>2,795</b>	<b>5,486</b>	<b>7,299</b>	<b>64</b>	<b>76</b>	<b>93</b>	
Adams.....	6	10	12	29	26	7.07	8.29	7.64	28.32	1,450	2,422	3,202	5,221	6,989	68	87	89	
Barnes.....	25	36	41	82	110	5.25	11.43	8.13	34.34	1,521	2,229	2,776	5,962	8,061	71	76	103	
Benson.....	7	18	19	34	58	7.92	11.93	9.80	58.54	982	2,065	2,314	3,995	4,422	46	63	82	
Billings.....	2	2	3	6	10	4.67	13.15	8.61	61.83	1,459	1,698	2,700	5,725	7,754	68	75	124	
Bottineau.....	15	28	29	55	75	7.08	11.09	8.96	37.60	1,381	2,793	3,014	5,536	7,777	62	82	99	
Bowman.....	6	10	12	23	32	6.48	11.77	8.95	37.49	1,530	2,459	2,949	5,369	6,903	71	80	88	
Burke.....	7	13	14	25	34	7.09	9.97	8.45	35.95	1,258	2,534	2,953	5,769	8,097	59	81	103	
Burleigh.....	66	99	132	346	411	7.13	13.49	10.10	18.91	1,990	2,478	3,263	6,889	7,954	93	89	101	
Cass.....	157	209	273	625	723	5.68	11.43	8.36	15.75	2,408	2,856	3,718	7,553	8,563	112	101	109	
Cavalier.....	13	21	22	47	76	5.48	14.63	9.72	62.58	1,324	2,422	2,646	5,108	9,155	62	72	117	
Dickey.....	8	14	19	40	56	9.22	12.70	10.86	40.03	994	1,848	2,692	5,393	7,505	46	73	96	
Divide.....	7	13	14	25	34	7.21	9.79	8.43	34.64	1,326	2,564	3,102	5,949	7,721	62	85	98	
Dunn.....	5	8	12	23	36	8.24	13.5											

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years 1—Continued

Area title	Total personal income									Per capita personal income							
	Millions of dollars					Average annual rate of growth				Dollars					Percent of U.S. average		
	1959	1965	1969	1977	1978	1959-69	1969-78	1959-78	1977-78	1959	1965	1969	1977	1978	1959	1969	1978
Oliver	2	4	7	12	17	11.12	11.51	11.31	44.67	890	1,872	2,781	4,892	7,136	41	76	91
Pembina	20	28	30	56	80	4.07	11.38	7.47	42.54	1,614	2,370	2,771	5,128	7,741	75	76	99
Pierce	8	16	17	30	42	7.82	10.16	8.92	38.73	1,141	2,241	2,712	4,571	6,369	53	74	81
Ramsey	21	34	40	84	107	6.33	11.62	8.80	27.42	1,636	2,628	3,052	6,228	8,031	76	83	102
Ransom	11	15	20	40	54	6.63	11.43	8.88	33.42	1,358	1,964	2,820	5,649	7,469	63	77	95
Renville	6	12	12	21	30	7.36	11.19	9.16	46.36	1,246	2,878	2,966	5,586	8,203	58	81	105
Richland	23	38	47	97	130	7.22	11.96	9.44	33.61	1,271	2,064	2,574	5,137	6,707	59	70	86
Rolette	12	20	25	53	65	8.15	11.02	9.50	21.72	1,114	1,593	2,205	4,117	4,895	52	60	62
Sargent	7	12	16	30	43	8.41	11.83	10.02	42.91	1,051	1,837	2,611	5,030	7,421	49	71	95
Sheridan	3	7	8	12	18	11.14	8.99	10.12	57.55	687	2,072	2,526	3,469	6,006	32	69	77
Sioux	3	5	8	15	18	9.94	9.85	9.90	18.41	849	1,344	2,146	3,926	4,574	40	59	58
Slope	2	4	4	6	10	6.29	10.94	8.47	81.26	1,175	2,374	2,641	4,092	8,245	55	72	105
Stark	26	38	48	111	139	6.31	12.62	9.25	25.63	1,437	1,857	2,436	5,661	7,048	67	66	90
Steele	11	20	12	20	32	5.09	11.80	8.22	57.52	1,543	2,644	3,034	5,719	8,944	72	83	114
Stutsman	35	55	71	152	187	7.11	11.47	9.15	23.69	1,445	2,214	2,963	6,446	7,868	67	81	100
Towner	10	15	16	26	41	4.90	10.87	7.69	53.94	1,812	3,078	3,387	6,035	9,652	84	92	123
Trall	18	25	30	59	82	5.11	12.05	8.34	40.52	1,739	2,407	3,046	5,983	8,577	81	83	109
Walsh	27	46	45	83	110	5.45	10.39	7.76	32.99	1,516	2,487	2,748	4,965	6,761	71	75	86
Ward	82	142	177	392	446	8.00	10.81	9.32	13.62	1,783	2,381	3,076	6,442	7,289	83	84	93
Wells	9	20	22	35	52	8.93	10.20	9.53	50.14	1,031	2,387	2,733	4,812	7,304	48	75	93
Williams	40	54	63	130	164	4.51	11.21	7.63	25.45	1,879	2,687	3,209	6,724	8,317	88	88	106
Ohio	21,770	29,126	39,905	75,968	84,456	6.25	8.69	7.40	11.17	2,251	2,855	3,778	7,102	7,857	105	103	100
Sum of SMSA counties	18,292	24,429	33,368	62,560	69,459	6.20	8.49	7.28	11.03	2,370	2,970	3,916	7,370	8,113	110	107	103
Sum of non-SMSA counties	3,478	4,697	6,537	13,408	14,997	6.51	9.66	7.99	11.85	1,779	2,377	3,209	6,204	6,858	83	87	87
Adams	20	25	41	90	101	7.25	10.53	8.79	12.32	1,026	1,310	2,176	3,948	4,274	48	59	55
Allen	216	281	404	767	868	6.47	8.89	7.61	13.22	2,088	2,586	3,658	7,089	8,015	97	100	102
Ashland	77	100	140	287	326	6.17	9.89	7.91	13.84	1,987	2,506	3,267	6,488	7,218	93	89	92
Ashtabula	177	232	329	626	704	6.39	8.81	7.53	12.32	1,910	2,494	3,370	6,294	6,974	89	92	89
Athens	64	87	127	266	291	7.01	9.68	8.26	9.65	1,377	1,855	2,581	5,065	5,314	64	70	68
Auglaize	67	96	137	272	302	7.32	9.19	8.20	10.96	1,872	2,640	3,570	6,588	7,244	87	97	92
Belmont	143	186	248	549	604	5.68	10.39	7.89	10.15	1,710	2,256	3,085	6,711	7,397	80	84	94
Brown	33	46	74	153	170	8.44	9.67	9.02	11.12	1,310	1,847	2,790	5,041	5,455	61	76	70
Butler	431	584	788	1,655	1,811	6.22	9.69	7.85	9.42	2,173	2,740	3,522	6,617	7,064	101	96	90
Carroll	31	42	59	127	144	6.70	10.36	8.42	13.29	1,489	1,997	2,753	4,979	5,516	69	75	70
Champaign	50	73	108	207	226	8.00	8.56	8.26	8.94	1,688	2,419	3,545	6,396	6,939	79	97	89
Clark	272	388	538	995	1,105	7.04	8.33	7.65	11.04	2,081	2,694	3,496	6,620	7,338	97	95	94
Clermont	151	206	295	720	826	6.94	12.12	9.36	14.78	1,880	2,236	3,068	6,293	6,876	88	84	88
Clinton	56	85	129	261	287	8.67	9.25	8.94	9.77	1,883	2,847	4,142	7,947	8,691	88	113	111
Columbiana	207	263	341	669	751	5.11	9.18	7.02	12.29	1,941	2,492	3,154	5,939	6,576	90	86	84
Coshocton	61	80	108	234	263	5.93	10.34	7.99	12.31	1,898	2,425	3,242	6,800	7,581	88	88	97
Crawford	100	135	180	342	377	6.11	8.55	7.26	10.23	2,138	2,761	3,587	6,891	7,630	100	98	97
Cuyahoga	4,468	5,943	7,789	13,232	14,654	5.71	7.28	6.45	10.75	2,721	3,561	4,561	8,485	9,503	127	124	121
Darke	78	114	165	332	367	7.79	9.29	8.50	10.49	1,715	2,430	3,431	6,166	6,849	80	94	87
Defiance	66	95	129	279	320	6.97	10.61	8.68	14.82	2,008	2,799	3,540	7,459	8,435	98	97	108
Delaware	66	93	144	340	383	8.05	11.53	9.68	12.71	1,840	2,387	3,354	6,597	7,217	86	91	92
Erie	151	203	299	636	696	7.09	8.75	7.87	11.85	2,223	2,820	3,963	7,387	8,315	104	108	106
Fairfield	127	172	243	581	660	6.74	11.73	9.08	13.64	1,988	2,547	3,353	6,706	7,427	93	91	95
Fayette	44	57	83	162	176	6.30	9.07	7.66	8.80	1,776	2,328	3,179	6,175	6,765	83	87	86
Franklin	1,653	2,135	3,027	6,093	6,736	6.24	9.30	7.68	10.54	2,429	2,751	3,711	7,043	7,737	113	101	99
Fulton	62	88	123	252	283	7.13	9.74	8.35	12.49	2,112	2,898	3,757	6,926	7,798	98	102	99
Gallia	32	42	59	162	185	6.35	13.57	9.71	14.53	1,222	1,690	2,332	5,379	6,195	57	64	79
Geauga	120	175	256	519	587	7.90	9.67	8.73	13.12	2,522	3,025	4,040	7,329	8,048	118	110	103
Greene	201	304	463	866	954	8.67	8.38	8.53	10.18	2,137	2,707	3,724	6,748	7,400	100	102	94
Guernsey	63	77	105	229	256	5.30	10.37	7.67	11.48	1,634	2,087	2,798	5,889	6,545	76	76	83
Hamilton	2,238	2,877	3,775	6,753	7,589	5.37	8.07	6.64	12.37	2,599	3,167	4,113	7,814	8,572	121	112	109
Hancock	116	158	223	452	505	6.71	9.52	8.03	11.91	2,177	2,724	3,699	7,293	8,007	101	101	103
Hardin	47	67	96	194	212	7.46	9.22	8.29	9.50	1,581	2,310	3,141	6,090	6,498	74	86	83
Harrison	34	37	48	117	122	3.53	11.00	7.01	4.56	1,885	2,262	2,818	6,749	6,952	88	77	89
Henry	48	70	100	208	228	7.72	9.58	8.60	10.04	1,883	2,750	3,737	7,425	7,776	88	102	99
Highland	41	56	83	176	196	7.34	10.00	8.59	11.21	1,379	1,917	2,862	5,498	6,211	64	78	79
Hocking	31	42	59	118	133	6.71	9.51	8.03	12.47	1,524	2,025	2,884	5,317	5,993	71	79	76
Holmes	29	37	53	121	138	6.20	11.35	8.61	14.41	1,339	1,669	2,295	4,720	5,319	62	63	68
Huron	97	131	176	352	391	6.07	9.31	7.59	11.12	2,068	2,726	3,552	6,719	7,327	96	97	93
Jackson	38	50	66	139	156	5.64	10.10	7.73	12.20	1,298	1,820	2,414	4,707	5,233	61	66	67
Jefferson	211	258	311	654	706	3.97	9.54	6.57	7.89	2,131	2,628	3,223	7,008	7,587	99	88	97
Knox	68	98	132	247	283	6.81	8.82	7.76	14.47	1,771	2,440	3,195	5,611	6,258	83	87	80
Lake	355	535	795	1,544	1,725	8.40	8.99	8.68	11.69	2,394	2,921	4,031	7,370	8,136	112	110	104
Lawrence	83	114	153	328	369	6.29	10.28	8.16	12.61	1,505	2,036	2,703	5,306	5,925	70	74	76
Licking	184	263	352	729	824	6.71	9.92	8.22	13.00	2,043	2,673	3,318	6,341	7,019	95	90	90
Logan	58	81	119	257	286	7.46	10.24	8.77	11.08	1,668	2,398	3,395	6,899	7,613	78	93	97
Lorain	477	644	926	1,923	2,132	6.86	9.70	8.20	10.88	2,201	2,667	3,646	7,175	7,861	103	99	100
Lucas	1,087	1,399	1,885	3,536	3,892	5.66	8.39	6.94	10.06	2,388	2,969	3,925	7,572	8,384	111	107	107
Madison	42	58	89	192	211	7.75	10.12	8.87	9.91	1,594	2,172	3,154	6,033	6,550	74	86	84
Mahoning	604	787	1,090	2,045	2,227	6.08	8.27	7.11	8.92	2,018	2,613	3,612	6,802	7,425	94	99	95
Marion	116	154															

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years<sup>1</sup>—Continued

Area title	Total personal income									Per capita personal income							
	Millions of dollars					Average annual rate of growth				Dollars					Percent of U.S. average		
	1959	1965	1969	1977	1978	1959-69	1969-78	1959-78	1977-78	1959	1965	1969	1977	1978	1959	1969	1978
Putnam.....	44	68	100	202	227	8.51	9.54	9.00	12.60	1,568	2,297	3,268	6,332	7,287	73	89	93
Richland.....	263	344	475	888	968	6.10	8.24	7.11	9.09	2,239	2,764	3,681	6,821	7,432	104	100	95
Ross.....	101	135	180	370	415	5.90	9.72	7.69	12.11	1,662	2,238	2,938	5,939	6,580	77	80	84
Sandusky.....	105	144	198	418	464	6.60	9.91	8.16	10.98	1,859	2,511	3,271	6,722	7,435	87	89	95
Scioto.....	129	156	219	410	456	5.43	8.48	6.87	11.11	1,538	1,980	2,825	4,968	5,501	72	77	70
Seneca.....	111	154	208	420	463	6.47	9.28	7.79	10.25	1,883	2,630	3,441	7,025	7,713	88	94	98
Shelby.....	64	91	132	266	299	7.59	9.50	8.49	12.43	1,899	2,588	3,545	6,572	7,234	89	97	92
Stark.....	736	1,002	1,364	2,586	2,896	6.36	8.72	7.48	12.02	2,171	2,788	3,688	6,871	7,669	101	101	108
Summit.....	1,209	1,606	2,149	3,820	4,216	5.92	7.78	6.79	10.35	2,364	2,951	3,884	7,251	8,049	110	106	103
Trumbull.....	458	621	880	1,782	2,012	6.76	9.62	8.10	12.86	2,203	2,779	3,816	7,378	8,185	103	104	104
Tuscarawas.....	148	192	252	498	558	5.48	9.23	7.24	12.19	1,935	2,528	3,277	6,193	6,967	90	89	89
Union.....	37	52	79	184	204	7.94	11.08	9.41	11.08	1,623	2,308	3,364	6,150	6,815	76	92	87
Van Wert.....	50	71	99	221	247	6.99	10.65	8.71	11.81	1,757	2,476	3,403	7,342	8,099	82	93	103
Vinton.....	10	14	20	44	52	6.73	11.53	8.98	19.26	993	1,407	2,059	4,092	4,750	46	56	61
Warren.....	118	182	276	577	653	8.91	10.04	9.44	13.07	1,796	2,344	3,268	6,366	7,025	84	89	90
Washington.....	94	127	173	362	407	6.25	9.98	8.00	12.33	1,829	2,345	3,053	6,080	6,622	85	83	84
Wayne.....	141	204	293	595	679	7.57	9.78	8.61	14.14	1,880	2,515	3,411	6,357	7,053	88	93	90
Williams.....	62	87	122	249	278	6.90	9.61	8.18	11.54	2,088	2,772	3,659	7,144	7,917	97	100	101
Wood.....	151	208	308	606	777	7.36	10.85	9.00	11.59	2,089	2,641	3,460	6,802	7,404	97	94	94
Wyandot.....	37	52	70	151	164	6.64	9.87	8.16	11.78	2,438	3,212	4,860	7,541	8,080	80	88	96
Oklahoma.....	4,116	5,612	7,784	18,050	20,526	6.58	11.38	8.82	13.72	1,798	2,300	3,071	6,407	7,127	84	84	91
Sum of SMSA counties.....	2,512	3,461	4,881	11,286	12,844	6.87	11.35	8.97	13.89	2,073	2,596	3,395	6,930	7,703	97	93	98
Sum of non-SMSA counties.....	1,604	2,151	2,903	6,764	7,682	6.11	11.42	8.59	13.58	1,489	1,943	2,646	5,635	6,335	69	72	81
Adair.....	11	16	24	55	66	7.62	12.05	9.70	19.34	884	1,094	1,595	3,239	3,746	41	43	48
Alfalfa.....	18	23	25	46	57	3.12	9.67	6.17	22.98	2,190	2,609	3,119	6,112	7,087	102	85	90
Atoka.....	9	12	17	35	41	6.94	10.06	8.41	16.40	870	1,190	1,648	3,062	3,537	41	45	45
Beaver.....	12	16	22	42	63	5.92	12.63	9.05	49.24	1,782	2,326	3,341	6,695	9,062	83	91	116
Beckham.....	28	35	43	101	116	4.38	11.70	7.79	14.57	1,597	2,083	2,654	6,192	6,936	74	72	88
Blaine.....	18	24	31	72	84	5.88	11.51	8.51	16.00	1,497	2,036	2,632	5,606	6,371	70	72	81
Bryan.....	28	39	57	137	152	7.47	11.52	9.37	10.65	1,159	1,505	2,162	4,947	5,390	54	59	69
Caddo.....	36	53	70	167	182	7.01	11.12	8.94	8.70	1,273	1,779	2,387	5,173	5,483	59	65	70
Canadian.....	41	65	98	289	350	9.02	15.20	11.90	21.27	1,702	2,350	3,160	6,084	6,868	79	86	88
Carter.....	60	78	102	287	301	5.45	12.73	8.84	12.73	1,567	2,031	2,726	6,298	6,867	73	74	88
Cherokee.....	16	26	43	120	135	10.08	13.64	11.75	12.19	937	1,198	1,900	4,587	5,004	44	52	64
Choctaw.....	15	20	31	76	76	7.81	10.49	9.08	16.85	950	1,279	2,025	4,390	5,145	44	55	66
Cimarron.....	8	9	16	28	46	7.83	12.29	9.92	60.74	1,711	1,968	3,722	7,499	12,176	80	101	155
Cleveland.....	71	118	202	603	698	11.05	14.77	12.80	15.72	1,513	1,849	2,692	5,641	6,294	71	73	80
Coal.....	5	7	10	24	26	6.65	11.04	8.70	9.92	981	1,252	1,883	3,840	4,301	46	51	55
Comanche.....	155	208	335	608	671	8.00	8.02	8.01	10.40	1,738	2,165	2,966	5,153	5,596	81	81	71
Cotton.....	9	15	18	38	47	6.98	11.30	9.00	23.13	1,156	2,167	2,652	5,377	6,353	54	72	81
Craig.....	21	28	41	98	112	7.03	11.84	9.29	14.00	1,296	1,847	2,809	6,495	7,136	60	77	91
Creek.....	59	84	122	289	325	7.46	11.50	9.35	12.47	1,492	1,988	2,684	5,463	5,887	70	73	75
Custer.....	35	48	64	146	170	6.24	11.56	8.73	16.44	1,679	2,231	2,896	6,433	7,349	78	79	84
Delaware.....	14	19	29	82	94	7.72	14.13	10.71	14.54	1,047	1,129	1,628	3,868	4,588	47	44	56
Dewey.....	10	12	15	37	43	4.29	12.35	8.04	16.69	1,653	1,986	2,608	6,087	6,612	77	71	84
Ellis.....	9	12	17	34	41	6.76	10.44	8.49	22.06	1,640	2,087	3,202	6,418	7,618	76	87	97
Garfield.....	101	136	188	423	480	6.41	11.01	8.57	13.58	1,934	2,520	3,373	6,902	7,604	90	92	97
Garvin.....	39	51	65	155	176	5.29	11.70	8.28	13.99	1,399	1,859	2,495	5,724	6,324	65	68	81
Grady.....	43	56	81	202	229	6.59	12.29	9.25	13.38	1,464	1,922	2,756	5,614	6,175	68	75	79
Grant.....	15	21	24	55	61	4.63	10.79	7.50	9.40	1,917	2,759	3,230	7,472	7,895	89	88	101
Greer.....	12	16	20	39	39	5.35	7.35	6.29	— .83	1,389	1,860	2,486	4,894	4,846	65	68	62
Harmon.....	9	12	15	28	30	4.65	8.17	6.30	7.55	1,612	2,135	2,695	5,853	6,288	75	73	80
Harper.....	9	12	16	33	43	6.34	11.25	8.64	30.93	1,520	2,314	3,181	6,274	8,542	71	87	109
Haskell.....	10	13	21	46	53	7.83	11.08	9.36	15.67	1,086	1,382	2,159	4,474	5,048	51	59	64
Hughes.....	16	21	29	72	82	6.45	10.61	8.40	16.58	1,043	1,470	2,081	4,329	5,017	49	57	64
Jackson.....	52	70	85	168	184	5.11	8.88	6.88	9.41	1,776	2,238	2,782	4,936	5,420	83	76	69
Jefferson.....	9	11	17	39	44	6.47	11.37	8.76	11.63	1,109	1,469	2,259	4,795	5,187	52	62	66
Johnston.....	8	12	15	36	38	6.17	10.98	8.42	7.66	984	1,372	1,850	4,014	4,251	46	50	54
Kay.....	104	140	175	384	419	5.32	10.22	7.61	9.18	2,072	2,892	3,612	7,722	8,253	97	99	105
Kingfisher.....	21	28	37	83	99	6.14	11.42	8.61	18.62	1,971	2,250	3,015	5,992	6,737	92	82	86
Kiowa.....	20	28	34	70	76	5.21	9.41	7.17	9.56	1,402	1,966	2,517	5,766	6,072	65	69	77
Latimer.....	7	10	15	41	44	7.74	12.44	9.94	8.92	962	1,233	1,787	4,201	4,538	45	49	56
Le Flore.....	36	43	59	150	168	5.19	12.32	8.51	11.64	1,244	1,339	1,835	4,060	4,446	58	50	57
Lincoln.....	26	36	51	122	133	7.12	11.29	9.08	8.90	1,841	2,636	3,516	5,866	6,505	65	72	75
Logan.....	24	34	47	115	133	7.00	12.26	9.46	15.39	1,297	1,896	2,491	5,070	5,767	60	68	74
Love.....	7	10	15	36	42	8.89	11.62	10.17	15.16	1,145	1,556	2,562	5,340	6,097	53	70	76
McClain.....	15	22	33	94	111	8.43	14.32	11.18	17.70	1,182	1,703	2,480	4,809	5,392	55	68	69
McCurtain.....	24	33	49	137	157	7.49	13.78	10.38	14.62	947	1,162	1,733	4,118	4,631	44	47	59
McIntosh.....	13	16	23	60	66	5.95	12.51	9.01	10.04	1,048	1,321	1,799	4,174	4,472	49	49	57
Major.....	12	16	20	50	53	5.12	11.29	8.00	4.47	1,592	2,296	2,812	6,189	6,390	74	77	82
Marshall.....	10	12	17	46	50	5.60	12.91	9.00	9.90	1,365	1,574	2,207	5,037	5,397	64	60	69
Mays.....	28	38	57	160	185	7.32	13.99	10.43	15.50	1,421	1,667	2,482	5,562	6,259	66	68	80
Murray.....	13	17	26	63	60	6.82	9.83	8.24	14.40	1,281	1,511	2,322	4,864	5,594	60	63	71
Muskogee.....	95	124	166	398	431	5.72	11.21	8.29	8.13	1,560	2,002	2,743	6,077	6,413	73	75	82
Noble.....	17	23	28	79	88	5.17	13.78	9.16	11.97	1,630	2,						



Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years 1—Continued

Area title	Total personal income								Per capita personal income								
	Millions of dollars					Average annual rate of growth			Dollars					Percent of U.S. average			
	1959	1965	1969	1977	1978	1959-69	1969-78	1959-78	1977-78	1959	1965	1969	1977	1978	1959	1969	1978
Tillman.....	21	31	35	77	86	5.16	10.65	7.72	11.89	1,449	2,175	2,618	6,272	6,988	68	71	89
Tulsa.....	858	1,140	1,535	3,580	4,063	5.98	11.42	8.53	13.49	2,523	3,153	3,871	8,306	9,224	118	106	118
Wagoner.....	19	34	52	140	155	10.70	12.78	11.68	10.69	1,230	1,790	2,451	4,653	5,043	57	67	64
Washington.....	115	149	185	439	499	4.85	11.64	8.01	13.70	2,773	3,557	4,454	10,065	11,220	129	121	143
Washita.....	29	41	48	72	79	4.93	5.81	5.35	9.78	1,650	2,535	3,709	5,464	5,953	77	101	76
Woods.....	22	27	34	70	82	4.44	10.44	7.24	18.32	1,863	2,103	2,754	6,766	8,201	87	75	105
Woodward.....	25	32	46	137	142	6.54	13.25	9.67	3.60	1,793	2,096	3,040	7,563	7,426	84	83	95
<b>Oregon.....</b>	<b>3,771</b>	<b>5,207</b>	<b>7,169</b>	<b>17,184</b>	<b>19,736</b>	<b>6.64</b>	<b>11.91</b>	<b>9.10</b>	<b>14.85</b>	<b>2,160</b>	<b>2,688</b>	<b>3,477</b>	<b>7,207</b>	<b>8,076</b>	<b>101</b>	<b>95</b>	<b>103</b>
Sum of SMSA counties.....	2,381	3,395	4,724	11,086	12,685	7.09	11.60	9.20	14.43	2,323	2,909	3,744	7,792	8,736	108	102	111
Sum of non-SMSA counties.....	1,390	1,812	2,446	6,099	7,051	5.81	12.49	8.92	15.61	1,928	2,353	3,056	6,340	7,110	90	83	91
Baker.....	29	36	46	88	105	4.65	9.66	6.99	18.49	1,696	2,415	2,997	5,554	6,588	79	82	84
Benton.....	68	101	147	370	425	8.01	12.53	10.13	14.96	1,757	2,152	2,852	5,686	6,454	82	78	82
Clackamas.....	254	397	595	1,606	1,869	8.87	13.57	11.07	16.35	2,277	3,042	3,811	7,368	8,168	106	104	104
Clatsop.....	61	74	92	208	237	4.13	11.12	7.39	14.02	2,267	2,827	3,293	7,036	7,788	106	90	99
Columbia.....	45	62	85	231	249	6.49	12.76	9.41	7.98	2,045	2,622	3,002	7,085	7,649	95	82	98
Coos.....	102	129	173	396	453	5.40	11.31	8.16	14.40	1,880	2,469	3,109	6,513	7,251	88	85	92
Crook.....	18	22	31	79	91	5.52	12.85	8.93	16.08	1,930	2,331	3,130	6,684	7,501	90	85	96
Curry.....	26	30	38	96	111	3.68	12.75	7.88	15.75	1,909	2,328	2,870	6,367	7,127	89	78	91
Deschutes.....	51	69	97	322	393	6.54	16.52	11.15	18.74	2,250	2,550	3,252	6,816	7,350	105	89	94
Douglas.....	119	151	213	552	624	6.00	12.68	9.11	13.14	1,762	2,087	3,031	6,359	7,013	82	83	89
Gilliam.....	9	10	10	9	17	9.2	6.65	3.59	80.05	2,868	3,604	3,996	4,289	7,898	134	109	101
Grant.....	14	16	23	47	55	5.36	9.97	7.52	17.46	1,821	2,272	3,409	6,195	7,143	85	93	91
Harney.....	14	17	23	55	61	5.21	11.23	8.02	10.48	2,105	2,405	3,176	7,036	7,743	98	87	99
Hood River.....	28	34	44	107	124	4.84	12.10	8.22	15.85	2,093	2,481	3,327	7,168	8,111	98	91	103
Jackson.....	150	205	277	737	853	6.28	13.33	9.56	15.72	2,060	2,295	2,947	6,161	6,929	96	80	88
Jefferson.....	14	23	24	64	73	5.84	13.04	9.19	13.60	1,940	2,501	2,783	6,089	6,572	90	76	84
Josephine.....	54	73	99	291	333	6.21	14.48	10.05	14.44	1,829	2,115	2,763	5,712	6,203	85	75	79
Klamath.....	90	121	161	356	415	5.95	11.09	8.35	16.72	1,930	2,505	3,253	6,167	6,994	90	89	89
Lake.....	14	16	21	42	50	4.26	9.98	6.93	18.95	2,001	2,744	3,431	6,135	7,139	93	94	91
Lane.....	342	465	645	1,675	1,913	6.56	12.84	9.49	14.22	2,125	2,404	3,087	6,696	7,423	99	84	95
Lincoln.....	44	58	75	199	225	5.51	12.96	8.98	13.52	1,810	2,378	2,928	6,577	7,205	84	80	92
Linn.....	109	143	210	540	607	6.81	12.53	9.48	12.51	1,868	2,194	2,988	6,379	7,084	87	81	90
Malheur.....	40	53	68	186	182	5.32	10.17	7.59	19.39	1,799	2,250	2,946	5,454	6,396	84	80	82
Marion.....	228	344	490	1,261	1,433	7.95	12.67	10.16	13.70	1,911	2,445	3,300	7,157	7,869	89	90	100
Morrow.....	12	12	16	56	72	3.05	18.43	10.07	28.66	2,409	2,632	3,524	8,684	10,052	112	96	128
Multnomah.....	1,284	1,742	2,289	4,444	5,228	5.95	9.61	7.07	12.57	2,487	3,184	4,091	8,797	9,982	116	112	127
Polk.....	47	64	89	243	281	7.34	12.04	9.82	15.64	1,811	1,920	2,750	5,647	6,488	84	75	82
Sherman.....	10	11	10	15	18	-0.2	6.20	2.88	20.49	4,269	3,896	4,591	6,910	10,152	199	125	129
Tillamook.....	32	39	51	127	149	4.65	12.73	8.40	17.11	1,715	2,340	2,868	6,565	7,464	80	78	95
Umatilla.....	109	148	213	552	624	5.62	11.65	8.43	21.00	1,956	2,539	3,324	6,324	7,397	91	91	94
Union.....	32	41	57	138	156	5.95	11.91	8.73	13.50	1,776	2,296	2,946	6,068	6,693	83	80	85
Wallowa.....	12	14	18	41	51	4.55	12.01	8.02	24.18	1,684	2,199	2,941	5,926	7,141	79	80	91
Wasco.....	39	52	68	145	176	5.71	11.13	8.25	21.51	1,960	2,413	3,392	7,101	8,400	91	93	107
Washington.....	226	382	609	1,656	1,961	10.43	13.87	12.04	18.37	2,481	3,135	3,961	7,991	9,075	116	108	116
Wheeler.....	5	5	6	10	10	1.07	6.47	3.59	28	1,933	2,642	3,155	5,187	5,162	90	86	86
Yamhill.....	62	84	110	315	365	6.43	13.55	9.75	15.97	1,946	2,215	2,929	6,642	7,344	91	80	94
<b>Pennsylvania.....</b>	<b>24,579</b>	<b>31,782</b>	<b>42,692</b>	<b>82,579</b>	<b>90,991</b>	<b>5.68</b>	<b>8.77</b>	<b>7.13</b>	<b>10.19</b>	<b>2,188</b>	<b>2,735</b>	<b>3,636</b>	<b>7,000</b>	<b>7,744</b>	<b>102</b>	<b>99</b>	<b>99</b>
Sum of SMSA counties.....	20,849	26,934	36,087	68,971	75,947	5.64	8.62	7.04	10.11	2,302	2,875	3,788	7,268	8,042	107	103	103
Sum of non-SMSA counties.....	3,730	4,848	6,605	13,607	15,044	5.88	9.58	7.62	10.56	1,714	2,153	2,982	5,898	6,523	80	81	83
Adams.....	91	124	184	373	420	7.26	9.61	8.37	12.82	1,773	2,265	3,262	5,961	6,636	83	89	85
Allegheny.....	3,877	4,913	6,365	11,786	12,927	5.08	8.19	6.54	9.68	2,398	3,070	3,962	7,893	8,753	112	108	112
Armstrong.....	129	159	205	463	504	4.78	10.49	7.45	8.87	1,631	2,023	2,704	6,097	6,578	76	74	84
Beaver.....	422	535	680	1,407	1,562	4.88	9.69	7.13	11.04	2,054	2,609	3,294	6,750	7,520	96	89	96
Bedford.....	57	77	114	223	246	7.09	8.97	7.98	10.60	1,359	1,697	2,683	5,142	5,593	63	73	71
Berks.....	643	827	1,122	2,228	2,478	5.72	9.21	7.36	11.20	2,352	2,906	3,810	7,358	8,110	110	104	103
Blair.....	224	296	396	772	849	5.88	8.84	7.27	9.89	1,642	2,155	2,922	5,751	6,328	77	80	81
Bradford.....	85	115	166	330	376	6.90	9.49	8.12	14.00	1,565	2,007	2,884	5,428	6,322	73	79	81
Bucks.....	740	1,066	1,597	3,476	3,855	8.00	10.29	9.08	10.90	2,416	3,029	3,953	7,406	8,170	113	108	104
Butler.....	221	301	402	877	978	6.15	10.40	8.14	11.58	1,944	2,451	3,172	6,204	6,837	91	87	87
Cambria.....	328	416	536	1,189	1,272	5.04	10.07	7.40	6.98	1,625	2,162	2,849	6,315	6,874	76	78	82
Cameron.....	14	19	27	44	48	7.10	6.70	6.91	9.93	1,800	2,711	3,779	6,445	7,226	84	103	92
Carbon.....	97	117	155	334	367	4.86	10.02	7.28	9.75	1,841	2,249	3,060	6,388	7,009	86	83	89
Centre.....	119	170	256	566	622	7.96	10.37	9.09	9.95	1,527	1,785	2,637	5,164	5,670	71	72	72
Chester.....	557	794	1,161	2,438	2,728	7.62	9.96	8.72	11.91	2,665	3,306	4,289	8,159	9,037	124	117	115
Clarion.....																	



Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years<sup>1</sup>—Continued

Area title	Total personal income										Per capita personal income						
	Millions of dollars					Average annual rate of growth					Dollars					Percent of U.S. average	
	1959	1965	1969	1977	1978	1959-69	1969-78	1959-78	1977-78	1959	1965	1969	1977	1978	1959	1969	1978
Monroe.....	86	118	165	388	434	6.81	11.32	8.92	11.84	2,179	2,610	3,686	6,722	7,322	102	101	93
Montgomery.....	1,820	2,494	3,386	6,182	6,856	6.41	8.15	7.23	10.90	3,549	4,370	5,531	9,818	10,924	165	151	139
Montour.....	26	33	45	89	100	5.70	9.42	7.45	12.30	1,543	1,854	2,690	5,384	6,043	72	74	77
Northampton.....	457	610	824	1,630	1,793	6.07	9.02	7.46	10.01	2,287	2,929	3,868	7,223	7,949	107	105	101
Northumberland.....	178	231	307	596	650	5.61	8.70	7.06	9.02	1,719	2,233	3,079	6,021	6,552	80	84	84
Perry.....	42	56	82	191	215	7.00	11.34	9.03	12.47	1,574	2,086	2,875	5,721	6,361	73	78	81
Philadelphia.....	4,463	5,452	6,986	11,735	12,712	4.58	6.88	5.66	8.32	2,246	2,709	3,577	6,584	7,222	105	98	92
Pike.....	16	23	38	92	104	8.83	11.93	10.29	13.05	1,776	2,107	3,250	6,263	7,048	83	89	90
Potter.....	22	30	43	84	95	6.92	9.16	7.98	12.80	1,352	1,792	2,634	4,996	5,620	63	72	72
Schnylkill.....	292	360	493	966	1,032	5.39	8.55	6.88	6.82	1,698	2,172	3,060	6,112	6,565	79	83	84
Snyder.....	39	56	86	181	202	8.14	9.36	9.00	11.66	1,528	1,877	2,973	5,797	6,436	71	81	82
Somerset.....	109	145	203	489	536	6.43	11.42	8.77	9.75	1,413	1,899	2,659	6,126	6,712	66	73	86
Sullivan.....	8	11	16	30	34	6.53	9.10	7.74	14.19	1,348	1,744	2,636	5,048	5,982	63	72	76
Susquehanna.....	48	64	94	186	209	6.84	9.28	7.99	12.23	1,475	1,925	2,747	4,981	5,763	69	75	74
Tioga.....	59	75	103	214	239	5.74	9.79	7.64	11.65	1,627	1,905	2,622	5,181	5,804	76	72	74
Union.....	38	55	81	176	199	7.83	10.50	9.09	13.31	1,498	1,922	2,861	5,666	6,372	70	78	81
Venango.....	111	143	192	420	457	5.65	10.08	7.73	8.62	1,713	2,218	3,072	6,639	7,320	80	84	93
Warren.....	87	121	165	319	350	6.69	8.67	7.62	9.68	1,914	2,495	3,486	6,795	7,634	89	95	97
Washington.....	414	513	691	1,456	1,590	5.27	9.70	7.34	9.15	1,918	2,417	3,268	6,816	7,483	89	89	95
Wayne.....	45	58	88	185	206	7.02	9.92	8.38	11.23	1,594	1,929	2,989	5,411	5,840	74	82	74
Westmoreland.....	695	919	1,252	2,559	2,838	6.06	9.52	7.68	10.93	1,987	2,475	3,342	6,706	7,462	93	91	95
Wyoming.....	32	43	58	129	145	9.46	10.86	10.12	12.92	1,396	1,805	3,054	5,337	6,124	65	83	78
York.....	531	694	1,009	2,015	2,269	6.63	9.43	7.95	12.64	2,244	2,699	3,746	6,960	7,762	105	102	99
<b>Rhode Island.....</b>	<b>1,832</b>	<b>2,484</b>	<b>3,396</b>	<b>6,310</b>	<b>6,960</b>	<b>6.36</b>	<b>8.30</b>	<b>7.28</b>	<b>10.31</b>	<b>2,138</b>	<b>2,782</b>	<b>3,643</b>	<b>6,731</b>	<b>7,447</b>	<b>100</b>	<b>99</b>	<b>95</b>
Sum of SMSA counties.....	1,663	2,261	3,077	5,812	6,408	6.34	8.49	7.36	10.25	2,145	2,794	3,663	6,799	7,514	100	100	96
Sum of non-SMSA counties.....	169	224	319	553	553	6.58	6.29	6.44	11.04	2,067	2,670	3,465	6,031	6,750	96	94	86
Bristol.....	86	128	184	338	368	7.89	8.02	7.95	8.77	2,322	3,063	4,097	7,329	8,073	108	112	103
Kent.....	245	358	516	1,067	1,174	7.72	9.57	8.59	10.05	2,184	2,803	3,714	7,012	7,785	102	101	99
Newport.....	169	224	319	498	553	6.58	6.29	6.44	11.04	2,067	2,670	3,465	6,031	6,750	96	94	86
Providence.....	1,206	1,587	2,105	3,843	4,240	5.73	8.09	6.84	10.34	2,127	2,806	3,672	6,753	7,478	99	100	95
Washington.....	126	188	272	564	626	7.98	9.71	8.80	10.90	2,142	2,536	3,279	6,446	6,994	100	89	89
<b>South Carolina.....</b>	<b>3,169</b>	<b>4,737</b>	<b>7,062</b>	<b>16,260</b>	<b>18,357</b>	<b>8.34</b>	<b>11.20</b>	<b>9.69</b>	<b>12.90</b>	<b>1,350</b>	<b>1,899</b>	<b>2,748</b>	<b>5,651</b>	<b>6,292</b>	<b>63</b>	<b>75</b>	<b>80</b>
Sum of SMSA counties.....	1,642	2,443	3,560	8,527	9,582	8.34	11.29	9.73	12.36	1,613	2,178	3,037	6,137	6,799	75	83	87
Sum of non-SMSA counties.....	1,527	2,294	3,401	7,732	8,775	8.34	11.11	9.64	13.49	1,149	1,671	2,492	5,196	5,818	54	68	74
Abeville.....	27	39	52	107	123	6.95	10.03	8.40	15.11	1,261	1,855	2,529	4,898	5,543	59	69	71
Aiken.....	126	194	282	628	710	8.36	10.79	9.51	13.07	1,583	2,326	3,083	6,464	7,157	74	84	91
Allendale.....	10	16	19	36	43	6.92	9.12	7.96	18.17	891	1,487	1,948	3,510	4,186	42	53	53
Anderson.....	143	212	310	690	781	8.07	10.82	9.36	13.21	1,470	2,128	3,016	5,869	6,495	69	82	83
Bamberg.....	13	20	32	82	97	9.57	10.94	10.21	15.46	808	1,236	1,996	4,254	4,982	38	54	64
Barnwell.....	17	26	41	96	114	9.58	11.97	10.70	18.89	953	1,472	2,364	5,086	5,844	44	64	75
Beaufort.....	57	90	167	410	426	11.27	10.98	11.13	3.89	1,316	2,019	3,152	7,149	7,364	61	86	94
Berkeley.....	36	67	123	327	357	13.01	13.22	13.11	14.96	960	1,474	2,245	4,499	4,937	45	61	63
Calhoun.....	9	15	23	58	66	9.36	12.28	10.73	12.98	784	1,300	2,272	5,054	5,754	37	62	73
Charleston.....	342	505	738	1,593	1,778	7.99	10.27	9.07	11.61	1,603	2,081	2,978	6,090	6,825	75	81	87
Cherokee.....	42	63	91	214	246	8.15	11.64	9.79	15.08	1,203	1,733	2,502	5,189	5,894	56	68	75
Chester.....	36	52	74	163	180	7.55	10.44	8.91	10.83	1,170	1,710	2,466	5,355	5,861	55	67	75
Chesterfield.....	33	49	77	172	204	8.86	11.41	10.06	18.40	992	1,334	2,260	4,897	5,789	46	62	74
Clarendon.....	19	30	43	96	110	8.58	10.99	9.72	15.46	652	1,073	1,673	3,479	3,920	30	46	50
Colleton.....	25	38	59	129	146	8.95	10.57	9.72	12.49	912	1,302	2,082	4,343	4,875	43	57	62
Darlington.....	56	87	127	285	331	8.46	11.22	9.76	15.87	1,081	1,602	2,371	5,043	5,801	50	65	74
Dillon.....	24	36	55	117	138	8.42	10.74	9.51	17.42	812	1,093	1,869	3,903	4,556	38	51	58
Dorchester.....	27	47	77	262	307	11.20	16.56	13.71	17.08	1,113	1,749	2,462	5,294	5,864	52	67	75
Edgefield.....	16	23	32	77	90	7.31	12.16	9.58	17.27	1,021	1,449	2,068	4,709	5,375	48	56	69
Fairfield.....	20	30	42	106	116	7.83	11.97	9.77	9.76	970	1,427	2,115	5,187	5,725	45	58	73
Florence.....	103	152	233	546	615	8.47	11.40	9.85	12.80	1,242	1,720	2,619	5,414	6,044	58	71	77
Georgetown.....	33	48	69	189	213	7.47	13.41	10.24	12.87	976	1,364	2,083	4,811	5,325	46	57	68
Greenville.....	363	520	768	1,734	1,952	7.81	10.92	9.27	12.58	1,752	2,394	3,260	6,453	7,182	82	89	92
Greenwood.....	72	110	154	307	339	7.86	9.14	8.47	10.33	1,655	2,230	2,989	5,745	6,318	77	82	81
Hampton.....	15	24	36	81	98	8.89	11.74	10.23	22.06	901	1,449	2,253	4,702	5,644	42	61	72
Horry.....	83	120	173	495	567	7.68	14.10	10.68	14.67	1,227	1,631	2,500	5,557	6,174	57	68	79
Jasper.....	9	14	21	51	59	9.00	12.23	10.52	15.60	732	1,182	1,832	3,586	4,003	34	50	51
Kershaw.....	43	66	100	225	257	8.75	11.03	9.82	14.16	1,309	1,955	2,889	6,126	7,172	61	79	91
Lancaster.....	55	85	118	244	279	7.96	10.04	8.94	14.48	1,417	2,107	2,807	5,322	5,789	66	77	74
Laurens.....	61	92	137	281	316	8.39	9.71	9.01	12.70	1,308	1,896	2,771	5,534	6,174	61	76	79
Lee.....	12																

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years 1—Continued

Area title	Total personal income										Per capita personal income						
	Millions of dollars					Average annual rate of growth					Dollars					Percent of U.S. average	
	1959	1965	1969	1977	1978	1959-69	1969-78	1959-78	1977-78	1959	1965	1969	1977	1978	1959	1969	1978
Campbell.....	4	6	7	12	15	6.77	8.19	7.44	24.00	1,108	1,863	2,547	4,905	6,471	52	69	83
Charles Mix.....	12	20	25	50	54	7.83	9.07	8.42	7.92	1,015	1,659	2,423	4,872	5,237	47	66	67
Clark.....	6	12	15	31	34	10.00	9.41	9.72	8.61	831	1,968	2,666	5,735	6,243	39	73	80
Clay.....	14	27	35	66	74	9.53	8.51	9.05	11.61	1,348	2,642	2,688	4,926	5,427	63	73	69
Codington.....	34	44	56	115	129	5.19	9.75	7.33	12.40	1,701	2,224	2,944	5,745	6,472	79	80	83
Corson.....	5	9	11	19	22	7.90	7.82	7.86	19.27	928	1,633	2,208	3,738	4,373	43	60	56
Custer.....	8	9	12	27	31	5.03	10.63	7.65	11.41	1,567	1,873	2,651	5,006	5,492	73	72	70
Davison.....	28	39	52	107	118	6.47	9.53	7.91	10.24	1,693	2,248	3,013	6,039	6,623	79	82	84
Day.....	10	17	22	46	52	8.52	9.80	9.13	12.77	951	1,691	2,487	5,423	6,258	44	68	80
Deuel.....	6	11	13	30	32	9.00	10.27	9.60	5.51	834	1,900	2,284	5,642	6,031	39	62	77
Dewey.....	5	10	12	25	27	8.10	9.92	8.95	8.50	1,038	2,026	2,259	4,228	4,458	48	62	57
Douglas.....	5	8	11	24	25	7.58	9.44	8.46	2.45	1,062	1,825	2,423	5,472	5,620	50	66	72
Edmunds.....	7	12	15	30	35	8.40	10.06	9.18	15.60	1,100	2,035	2,641	5,555	6,510	51	72	83
Fall River.....	17	21	21	46	57	1.95	11.67	6.45	23.86	1,670	1,958	2,859	5,221	6,313	78	78	81
Faulk.....	5	10	12	25	27	7.97	9.55	8.72	8.03	1,259	2,469	3,010	6,957	7,664	59	82	98
Grant.....	11	18	24	54	59	7.97	10.53	9.18	9.45	1,142	1,998	2,636	5,684	5,884	53	72	75
Gregory.....	8	14	18	38	39	8.64	9.01	8.81	4.10	1,088	1,863	2,661	6,005	6,292	51	73	80
Haakon.....	4	7	9	15	20	7.71	9.89	8.74	32.22	1,267	1,552	3,042	5,294	7,184	59	83	92
Hamlin.....	7	10	13	29	31	6.97	9.95	8.37	8.39	1,107	1,734	2,468	5,235	5,894	52	67	75
Hand.....	9	14	16	30	36	6.29	9.37	7.74	21.12	1,323	2,221	2,693	5,552	6,716	62	73	86
Hanson.....	5	7	10	17	19	7.54	7.79	7.66	13.24	1,040	1,627	2,497	4,748	5,311	48	68	68
Harding.....	4	5	7	9	12	5.24	6.68	5.92	36.05	1,726	2,383	3,469	4,667	6,573	80	95	84
Hughes.....	21	32	43	92	100	7.31	10.00	8.57	9.03	1,688	2,668	3,656	6,561	6,936	79	100	88
Hutchinson.....	15	23	31	55	59	8.32	7.37	7.87	7.72	1,290	2,099	2,986	5,773	6,364	60	81	81
Hyde.....	4	6	7	14	16	3.83	8.93	6.22	11.14	1,989	1,986	2,969	6,166	7,390	93	81	94
Jackson.....	5	5	6	9	11	2.39	6.06	4.11	22.64	2,528	2,668	3,918	5,427	6,792	118	107	87
Jerauld.....	5	7	9	15	17	5.53	7.25	6.34	11.94	1,315	1,932	2,660	4,938	5,586	61	73	71
Jones.....	4	6	6	10	10	4.51	5.88	5.16	14.53	1,976	2,728	3,216	5,402	6,608	92	88	84
Kingsbury.....	10	19	23	40	46	8.38	8.18	8.28	15.33	1,118	2,362	2,961	5,524	6,432	52	81	82
Lake.....	18	27	30	65	71	5.35	9.98	7.52	8.90	1,559	2,332	2,634	6,113	6,696	73	72	85
Lawrence.....	30	38	48	101	113	4.76	9.87	7.15	11.30	1,816	2,254	2,753	5,857	6,731	85	75	86
Lincoln.....	17	25	34	78	89	7.30	11.37	9.21	14.61	1,378	2,126	2,902	5,862	6,343	64	79	81
Lyman.....	11	11	12	22	22	9.03	6.85	7.99	1.31	1,175	2,566	2,949	5,345	5,331	55	80	88
McCook.....	10	16	18	37	40	6.15	9.22	7.59	8.24	1,290	2,037	2,473	5,321	5,764	57	67	74
McPherson.....	5	9	13	24	26	10.28	8.45	9.41	9.21	829	1,517	2,454	5,333	5,710	39	67	73
Marshall.....	6	11	16	30	35	10.84	8.85	9.90	16.68	885	1,753	2,727	5,324	5,985	41	74	76
Meade.....	21	33	51	107	124	9.35	10.43	9.86	15.92	1,763	1,756	2,975	5,660	6,346	82	81	81
Mellette.....	3	4	6	11	12	6.53	8.56	7.49	11.70	1,146	1,576	2,272	4,667	5,285	62	67	67
Miner.....	5	9	11	24	27	7.47	10.17	8.39	9.90	1,022	1,655	2,465	5,926	6,635	48	67	85
Minnehaha.....	151	230	327	728	829	8.04	10.91	9.39	13.94	1,776	2,354	3,450	7,111	8,040	83	94	103
Moody.....	8	16	18	39	43	7.65	10.62	9.05	11.61	970	2,016	2,269	5,021	5,613	45	62	72
Pennington.....	124	153	185	439	494	4.11	11.55	7.57	12.70	2,167	2,430	3,073	6,218	6,966	101	84	89
Perkins.....	7	12	15	22	31	7.41	8.18	7.78	37.04	1,269	2,425	3,231	4,790	6,508	59	88	83
Potter.....	6	11	13	23	30	8.40	9.15	8.76	28.14	1,243	2,125	2,956	5,673	7,486	58	81	95
Roberts.....	11	20	25	58	64	9.05	10.80	9.88	9.21	824	1,645	2,119	5,139	5,697	38	58	73
Sanborn.....	6	8	10	18	20	4.79	8.15	6.37	12.11	1,362	1,894	2,653	5,234	6,020	63	72	77
Shannon.....	4	7	11	26	26	10.13	9.91	10.02	-3.35	708	807	1,341	3,114	2,995	33	37	38
Spink.....	13	25	32	63	70	9.51	9.30	9.41	10.73	1,109	2,223	2,979	6,496	7,272	52	81	93
Stanley.....	4	6	7	12	14	6.94	7.84	7.36	18.68	934	1,799	2,893	4,550	5,599	44	79	71
Sully.....	4	8	8	12	17	7.90	7.79	7.85	35.29	1,550	3,298	3,490	5,502	7,141	72	95	91
Todd.....	6	8	12	29	33	6.55	11.99	9.09	11.03	1,366	1,542	1,943	4,100	4,503	64	53	57
Tripp.....	11	21	26	49	54	8.35	8.67	8.50	10.35	1,336	2,367	3,073	6,191	6,723	62	84	86
Turner.....	13	22	29	56	63	8.33	9.18	8.73	13.64	1,179	2,213	2,890	5,694	6,613	55	79	84
Union.....	14	27	31	68	77	8.26	10.50	9.32	14.33	1,424	2,587	3,257	6,144	6,768	66	89	86
Walworth.....	11	18	22	44	47	7.07	9.13	8.04	8.48	1,373	2,291	2,743	5,622	6,205	64	75	79
Washabaugh.....	2	3	3	5	6	4.55	7.17	5.78	19.70	1,913	1,981	2,241	3,192	3,608	80	61	46
Yankton.....	27	42	56	109	123	7.37	9.17	8.22	13.50	1,598	2,202	2,955	5,882	6,688	74	81	85
Ziebach.....	3	3	9	11	11	4.11	9.91	6.82	27.87	1,273	1,358	2,084	3,686	4,430	59	57	57
Tennessee.....	5,477	7,872	11,210	25,173	28,592	7.42	10.96	9.09	13.58	1,555	2,073	2,877	5,865	6,561	72	78	84
Sum of SMSA counties.....	3,946	5,619	7,954	17,473	19,806	7.26	10.67	8.86	13.35	1,804	2,368	3,216	6,486	7,246	84	88	92
Sum of non-SMSA counties.....	1,532	2,253	3,257	7,700	8,786	7.84	11.66	9.63	14.11	1,148	1,581	2,287	4,818	5,409	54	62	69
Anderson.....	117	153	203	446	502	5.63	10.61	7.96	12.73	1,977	2,463	3,355	6,838	7,624	92	91	97
Bedford.....	35	50	73	144	167	7.61	9.61	8.55	15.71	1,534	2,061	2,930	5,558	6,218	72	80	79
Benton.....	10	17	28	70	82	10.84	12.85	11.79	17.67	940	1,457	2,309	5,243	6,154	44	63	78
Bledsoe.....	5	8	13	31	37	9.50	12.12	10.73	19.81	688	1,146	1,712	3,518	4,314	32	47	55
Blount.....	81	121	180	409	465	8.32	11.14	9.65	13.68	1,422	2,018	2,838	5,592	6,154	66	77	78
Bradley.....	60	92	140	333	382	8.83	11.82	10.23	14.70	1,586	2,147	2,824	5,459	6,086	74	77	78
Campbell.....	23	33	47	135	157	7.37	14.45	10.67	16.62	831	1,174	1,777	4,215	4,902	39	48	63
Cannon.....	10	13	17	46	52	5.47	12.81	8.88	13.50	1,219	1,439	2,061	4,791	5,501	57	56	70
Carroll.....	26	40	64	135	154	9.50	10.22	9.84	14.20	1,119	1,575	2,514	4,924	5,636	52	69	72
Carter.....	47	64	93	199	226	7.07	10.40	8.63	13.44	1,141	1,476	2,146	4,280	4,745	53	59	61
Cheatham.....	11	20	33	93	109	11.28	14.17	12.64	17.11	1,220	1,769	2,576	5,177	5,755	57	70	73
Chester.....	9	13	18	46	52	7.20	12.35	9.61	11.07	956	1,318	1,823	3,903	4,267	45	50	54
Claiborne.....	16	22	33	95	109	7.52	14.02	10.55	13.95	858	1,123	1,718	3,813	4,122	40	47	53
Clay.....	5	7	11	26	29	7.99	11.62	9.70	10.99	694	1,046	1,608	3,850	4,201	32	44	54
Cokee.....	23	34	51	119	132	8.42	11.23	9.75	11.18	977	1,362	2,014	4,216	4,631	46	55	

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

Area title	Total personal income									Per capita personal income							
	Millions of dollars					Average annual rate of growth				Dollars					Percent of U.S. average		
	1959	1965	1969	1977	1978	1959-69	1969-78	1959-78	1977-78	1959	1965	1969	1977	1978	1959	1969	1978
Hamilton.....	452	645	884	1,900	2,154	6.94	10.40	8.57	13.32	1,923	2,649	3,490	7,090	7,988	90	95	102
Hancock.....	5	7	11	22	25	8.82	9.62	9.20	12.85	614	969	1,601	3,326	3,718	29	44	47
Hardeman.....	18	30	41	106	106	8.48	11.26	9.79	12.12	849	1,376	1,819	4,086	4,600	40	50	59
Hardin.....	17	25	34	90	104	7.56	13.13	10.16	15.27	965	1,356	1,890	4,355	4,978	45	52	63
Hawkins.....	34	50	73	181	210	7.93	12.42	10.03	16.05	1,137	1,544	2,190	4,737	5,345	53	60	68
Haywood.....	21	30	38	75	89	6.34	9.79	7.96	19.23	898	1,429	1,918	3,506	4,116	42	52	53
Henderson.....	18	27	39	94	109	7.98	12.09	9.91	16.10	1,140	1,524	2,271	4,759	5,469	53	62	70
Henry.....	27	40	56	150	171	7.61	13.25	10.25	14.21	1,218	1,779	2,358	5,761	6,475	57	64	83
Hickman.....	22	18	28	65	75	8.43	11.71	9.97	16.42	1,060	1,429	2,304	4,648	5,321	49	63	68
Houston.....	5	7	13	30	34	11.08	11.01	11.05	13.98	978	1,254	2,300	4,598	5,071	46	63	65
Humphreys.....	14	20	31	78	92	8.60	12.71	10.53	18.47	1,210	1,544	2,343	5,158	6,040	56	64	77
Jackson.....	7	10	13	29	33	6.01	10.84	8.27	15.50	809	1,075	1,604	3,293	3,816	38	44	49
Jefferson.....	27	41	62	147	171	8.76	11.95	10.26	16.20	1,257	1,685	2,513	5,100	5,821	59	69	74
Johnson.....	10	13	21	58	64	8.12	13.19	10.49	10.96	905	1,152	1,823	4,216	4,614	42	50	59
Knox.....	441	603	818	1,852	2,101	6.37	11.06	8.57	13.48	1,782	2,268	2,979	6,205	6,949	83	81	89
Lake.....	10	12	14	30	33	3.86	9.56	6.52	9.11	1,046	1,533	1,786	4,007	4,598	49	49	59
Lauderdale.....	21	30	36	98	111	5.73	13.33	9.26	13.74	960	1,406	1,765	4,285	4,830	45	48	62
Lawrence.....	32	41	64	164	191	7.16	12.91	9.84	16.11	1,157	1,354	2,200	4,944	5,629	54	60	72
Lewis.....	6	10	14	36	40	8.65	12.31	10.37	11.90	1,003	1,456	2,114	4,203	4,629	47	58	59
Lincoln.....	31	42	56	117	130	6.21	9.79	7.89	11.01	1,308	1,646	2,311	4,584	5,155	61	63	66
Loudon.....	29	40	57	147	164	6.93	12.44	9.51	11.40	1,243	1,613	2,348	5,465	6,002	58	64	77
McMinn.....	46	65	91	195	218	6.99	10.18	8.49	11.91	1,396	1,862	2,579	4,927	5,503	65	70	70
McNairy.....	15	24	35	96	110	8.63	13.64	10.98	14.90	850	1,236	1,891	4,588	5,083	40	52	65
Macon.....	13	19	28	73	90	8.09	13.66	10.70	23.84	1,083	1,435	2,302	4,962	6,002	50	63	77
Madison.....	87	123	170	426	464	6.97	11.81	9.23	9.00	1,447	1,938	2,599	5,948	6,512	67	71	83
Marion.....	24	39	45	117	134	6.48	12.97	9.51	14.43	1,151	1,877	2,166	5,157	5,730	54	59	73
Marshall.....	23	31	47	104	120	7.26	10.87	8.96	15.37	1,412	1,763	2,735	5,691	6,546	66	75	83
Mauzy.....	64	90	127	282	324	7.19	10.94	8.95	14.99	1,544	2,061	2,897	5,929	6,701	72	79	85
Megis.....	4	6	11	31	36	10.08	14.21	12.02	16.92	812	1,149	2,071	4,528	5,070	38	56	65
Monroe.....	22	34	50	104	117	8.36	9.89	9.08	12.23	974	1,428	2,127	3,927	4,291	45	58	55
Montgomery.....	92	128	185	434	482	7.22	11.22	9.10	11.10	1,677	2,250	2,980	5,484	6,019	78	81	77
Moore.....	4	6	9	20	23	9.85	10.85	10.32	16.91	1,043	1,757	2,555	4,985	5,680	49	70	72
Morgan.....	9	13	19	51	57	7.34	12.84	9.91	11.17	670	920	1,399	3,298	3,571	31	38	46
Obion.....	37	54	72	195	221	6.86	13.24	9.84	13.55	1,396	1,885	2,428	5,851	6,504	65	66	83
Overton.....	11	17	26	62	70	8.57	11.73	10.05	13.72	786	1,066	1,739	3,748	4,083	37	47	52
Perry.....	4	7	10	23	26	8.93	10.86	9.84	16.04	851	1,393	1,986	3,728	4,266	40	54	54
Pickett.....	4	5	7	15	14	6.14	8.59	7.29	-0.17	843	1,192	1,740	3,673	3,185	39	47	41
Polk.....	16	21	27	58	67	5.14	10.75	7.76	16.17	1,356	1,798	2,287	4,511	5,105	63	62	65
Putnam.....	34	53	79	197	224	8.71	12.25	10.37	13.66	1,191	1,536	2,268	4,750	5,346	56	62	68
Rhea.....	16	25	36	121	139	8.44	16.12	12.01	14.85	1,031	1,437	2,122	5,541	6,138	48	58	78
Roane.....	41	60	89	226	260	8.11	12.69	10.26	15.24	1,053	1,551	2,277	5,221	5,825	49	62	74
Robertson.....	34	49	77	181	204	8.56	11.48	9.94	12.60	1,252	1,631	2,650	5,521	6,204	58	72	79
Rutherford.....	82	121	180	415	476	8.23	11.38	9.71	14.72	1,583	2,187	3,071	5,572	6,219	74	84	79
Scott.....	12	16	24	64	76	7.14	13.85	10.27	17.80	776	1,021	1,583	3,704	4,241	36	43	54
Sequatchie.....	6	9	13	33	36	8.88	11.81	10.26	10.87	971	1,460	2,105	4,286	4,679	45	57	60
Sevier.....	31	46	69	193	220	8.29	13.72	10.83	14.14	1,305	1,547	2,486	5,405	5,960	61	68	76
Shelby.....	1,671	1,671	2,370	5,072	5,708	10.26	8.67	12.54	14.54	1,899	2,451	3,318	6,803	7,566	89	90	97
Smith.....	17	19	29	66	75	7.78	10.99	9.29	14.03	1,162	1,404	2,342	4,904	5,295	54	64	68
Stewart.....	7	10	17	38	44	8.64	11.06	9.78	15.05	963	1,235	2,319	4,261	5,736	45	63	60
Sullivan.....	221	305	433	879	996	6.94	9.69	8.24	13.34	1,964	2,483	3,429	6,410	7,189	92	94	92
Sumner.....	54	90	153	418	491	11.02	13.81	12.33	17.46	1,508	2,080	2,855	5,651	6,300	70	78	80
Tipton.....	30	42	58	136	160	7.01	11.89	9.30	17.86	1,047	1,452	2,067	4,987	4,987	49	56	64
Trousdale.....	6	9	13	33	40	8.26	13.26	10.60	22.71	1,220	1,670	2,545	6,272	7,169	57	69	91
Unicoi.....	24	29	38	78	87	4.56	9.77	6.99	11.21	1,617	1,960	2,461	4,838	5,549	75	67	71
Union.....	7	10	16	41	46	8.45	12.59	10.39	13.10	840	1,190	1,756	3,526	3,878	39	48	49
Van Buren.....	3	4	7	13	15	9.08	10.05	9.54	20.62	756	1,200	1,739	3,019	3,588	35	47	46
Warren.....	27	43	66	164	193	9.18	12.66	10.81	17.95	1,203	1,654	2,478	5,390	6,162	56	68	79
Washington.....	94	137	208	463	523	8.27	10.81	9.46	12.92	1,466	1,953	2,837	5,636	6,298	68	77	80
Wayne.....	11	16	24	53	61	7.72	11.06	9.29	15.50	961	1,301	1,925	3,970	4,517	45	52	58
Weakley.....	27	43	64	148	166	9.00	11.13	10.00	12.33	1,133	1,618	2,254	4,753	5,368	53	61	68
White.....	16	24	37	80	94	8.96	10.98	9.91	17.66	1,016	1,452	2,258	4,281	4,768	47	62	61
Williamson.....	41	68	107	316	369	9.98	14.77	12.22	16.58	1,651	2,256	3,186	6,515	7,303	77	87	93
Wilson.....	44	68	104	275	321	8.97	13.31	11.01	16.77	1,617	2,178	2,893	5,803	6,470	75	79	83
<b>Texas.....</b>	<b>17,794</b>	<b>24,525</b>	<b>36,171</b>	<b>88,283</b>	<b>100,804</b>	<b>7.35</b>	<b>12.06</b>	<b>9.56</b>	<b>14.18</b>	<b>1,892</b>	<b>2,363</b>	<b>3,275</b>	<b>6,894</b>	<b>7,746</b>	<b>88</b>	<b>89</b>	<b>99</b>
<b>Sum of SMSA counties.....</b>	<b>14,106</b>	<b>19,726</b>	<b>29,665</b>	<b>72,704</b>	<b>83,362</b>	<b>7.72</b>	<b>12.16</b>	<b>9.86</b>	<b>14.66</b>	<b>2,036</b>	<b>2,501</b>	<b>3,457</b>	<b>7,146</b>	<b>8,043</b>	<b>95</b>	<b>94</b>	<b>103</b>
<b>Sum of non-SMSA counties.....</b>	<b>3,688</b>	<b>4,800</b>	<b>6,505</b>	<b>15,579</b>	<b>17,442</b>	<b>5.84</b>	<b>11.88</b>	<b>8.52</b>	<b>11.96</b>	<b>1,489</b>	<b>1,926</b>	<b>2,640</b>	<b>5,918</b>	<b>6,584</b>	<b>69</b>	<b>72</b>	<b>84</b>
Anderson.....	41	52	74	182	210	6.07	12.34	9.00	15.33	1,479	1,782	2,568	5,474	6,023	69	70	77
Andrews.....	23	26	34	85	93	3.80	11.86	7.54	9.26	1,771	2,342	3,650	7,513	8,038	83	100	103
Angelina.....	70	100	142	353	408	7.24	12.50	9.70	15.81	1,800	2,294	3,242	6,240	7,067	84	80	90
Aransas.....	13	21	26	72	85	7.20	14.31	10.51	17.93	1,850	2,878	3,945	6,407	7,183	86	80	91
Archer.....	10	12	16	47	57	5.24	15.05	9.78	21.08	1,601	1,976	2,660	7,370	8,658	75	73	110
Armstrong.....	4	4	6	19	20	4.09	14.02	8.68	6.08	2,127	2,135	3,319	9,655	10,087	99	91	129
Atascosa.....	23	33	52	127	145	8.42	12.19	10.19	14.47	1,243	1,837	2,783	6,203	7,029	58	76	90
Austin.....	21	25	34	93	109	5.11	13.76	9.12	17.19	1,530	1,						

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years 1—Continued

Area title	Total personal income										Per capita personal income						
	Millions of dollars					Average annual rate of growth					Dollars					Percent of U.S. average	
	1959	1965	1969	1977	1978	1959-69	1969-78	1959-78	1977-78	1959	1965	1969	1977	1978	1959	1969	1978
Caldwell	22	30	38	108	124	5.83	14.07	9.66	15.08	1,274	1,752	1,841	4,896	5,577	59	50	71
Calhoun	25	38	52	118	127	7.43	10.49	8.87	7.77	1,547	2,129	2,794	6,535	7,060	72	76	90
Callahan	12	15	21	56	67	5.72	13.95	9.54	19.95	1,519	1,797	2,522	5,733	6,531	71	69	83
Cameron	173	212	277	777	891	4.86	13.84	9.02	14.71	1,164	1,451	1,997	4,400	5,024	54	54	64
Camp	9	14	19	53	68	7.51	15.38	11.17	26.51	1,174	1,885	2,448	6,379	7,854	55	67	100
Carson	13	17	28	58	56	7.75	8.29	8.00	-2.71	1,712	2,262	4,343	9,032	8,583	80	118	109
Cass	30	37	56	142	158	6.37	12.23	9.11	11.37	1,308	1,648	2,400	5,349	5,870	61	65	75
Castro	14	29	39	67	68	10.49	6.22	8.45	1.70	1,654	2,589	3,636	6,294	6,359	77	99	81
Chambers	17	23	33	100	112	6.98	14.61	10.53	11.75	1,636	2,130	2,728	7,195	7,706	76	74	98
Cherokee	43	55	76	222	251	5.99	14.17	9.79	13.41	1,311	1,764	2,450	6,838	7,778	61	67	99
Childress	13	15	19	45	47	3.62	10.67	6.90	4.24	1,605	2,102	2,886	7,029	7,321	75	79	93
Clay	14	19	25	64	71	5.99	12.37	8.97	11.01	1,687	2,355	2,894	7,222	7,799	79	79	99
Cochran	15	15	12	23	23	-2.17	7.61	2.35	2.17	2,372	2,127	2,117	4,687	4,907	111	58	63
Coke	6	7	8	16	21	2.46	11.96	6.85	26.65	1,679	2,410	2,678	5,241	6,318	78	73	81
Coleman	17	20	28	55	63	5.03	9.44	7.10	15.82	1,403	1,745	2,716	5,359	6,199	65	74	79
Collin	79	120	213	738	901	10.44	17.41	13.69	22.19	1,945	2,351	3,325	7,218	8,188	91	91	104
Collingsworth	11	9	14	26	23	2.44	5.71	3.98	-12.66	1,777	1,636	2,806	5,997	5,389	83	77	69
Colorado	31	41	46	116	124	4.11	11.65	7.61	6.58	1,699	2,246	2,570	6,754	7,124	79	70	91
Comal	38	54	79	213	241	7.60	13.18	10.21	13.40	1,954	2,413	3,286	6,836	6,556	91	90	96
Comanche	15	21	32	65	81	8.21	10.70	9.38	24.13	1,267	1,796	2,854	5,431	6,777	59	78	85
Concho	5	5	7	17	18	3.23	10.19	6.47	5.81	1,506	1,496	2,479	6,053	6,352	70	68	81
Cooke	35	47	68	169	198	6.77	12.56	9.47	17.34	1,602	2,194	2,940	6,860	8,038	75	80	103
Coryell	42	70	108	286	312	10.06	12.46	11.19	8.80	1,764	2,271	3,310	5,999	6,642	82	90	85
Cottle	5	6	7	23	23	3.98	14.18	8.69	-1.28	1,130	1,418	2,089	7,739	7,457	53	57	95
Crane	9	10	13	31	34	3.61	11.68	7.36	11.44	1,921	2,415	3,069	7,163	7,965	90	84	102
Crockett	7	9	12	26	36	5.59	13.42	9.23	37.59	1,638	2,630	3,164	6,268	6,537	76	86	109
Crosby	20	29	26	47	51	2.58	7.59	4.03	9.26	2,016	2,622	2,638	5,470	6,082	94	72	78
Culberson	4	4	8	18	18	7.04	9.31	8.11	3.68	1,514	1,368	2,549	4,884	4,915	71	70	63
Dallam	14	15	26	53	53	6.35	8.09	7.17	15	2,297	2,505	4,175	7,883	7,957	107	114	101
Dallas	2,467	3,549	5,592	12,026	13,852	8.53	10.60	9.50	15.18	2,641	3,165	4,360	8,201	9,337	123	119	119
Dawson	39	42	52	91	83	2.91	5.25	4.01	-8.38	2,092	2,102	3,093	5,693	5,295	98	84	68
Deaf Smith	23	36	79	172	162	13.26	8.30	10.88	-5.84	1,760	1,992	4,448	8,535	8,054	82	121	103
Delta	8	10	11	23	27	3.10	10.35	6.47	17.23	1,446	1,561	2,238	5,104	6,051	67	61	77
Denton	82	128	226	703	832	10.63	15.59	12.96	18.29	1,766	2,233	3,080	7,064	8,008	82	84	102
De Witt	27	32	41	91	106	4.46	11.16	7.58	16.92	1,307	1,656	2,223	4,867	5,752	61	61	73
Dickens	5	8	9	22	20	5.85	8.86	7.26	-12.12	1,056	1,639	2,307	6,153	5,475	49	63	70
Dimmit	5	8	11	41	46	8.64	17.70	12.85	11.80	468	840	1,226	3,713	4,103	22	33	52
Donley	7	9	10	29	31	4.73	12.88	8.52	7.06	1,502	2,142	2,778	7,779	8,229	70	76	105
Duval	9	12	19	43	50	7.42	11.11	9.15	14.70	1,715	939	1,579	3,608	4,204	33	43	54
Eastland	26	33	46	102	120	5.91	11.28	8.42	16.90	1,341	1,871	2,597	5,498	6,525	63	71	83
Ector	172	222	294	772	902	5.54	13.25	9.12	16.80	1,921	2,452	3,342	7,511	8,551	90	91	109
Edwards	3	3	5	12	17	7.40	13.81	10.39	35.57	1,120	1,279	2,217	5,626	7,777	52	60	99
Ellis	66	93	133	323	376	7.22	12.19	9.55	16.25	1,560	2,117	2,862	6,117	6,982	73	78	89
El Paso	544	656	1,021	2,244	2,501	6.50	10.47	8.36	11.43	1,764	1,870	2,805	5,144	5,639	82	76	72
Erath	22	31	46	120	146	7.49	13.74	10.40	21.33	1,397	1,774	2,661	6,225	7,377	65	73	94
Falls	24	30	40	98	116	5.34	12.50	8.68	18.56	1,147	1,602	2,247	6,074	7,235	53	61	92
Fannin	32	43	57	117	131	5.82	9.63	7.61	11.68	1,385	1,995	2,504	5,112	5,693	65	68	73
Fayette	27	32	42	104	125	4.44	12.95	8.39	19.76	1,351	1,833	2,395	5,967	7,064	63	65	90
Fisher	18	13	14	36	33	3.89	9.44	4.85	-10.01	1,715	1,782	2,257	6,072	5,502	80	62	70
Floyd	28	38	35	77	65	2.36	7.23	4.64	-15.58	2,270	2,581	2,951	7,428	6,462	106	80	82
Foard	4	5	6	15	19	4.26	12.80	8.22	25.11	1,383	1,793	3,089	6,858	8,600	64	84	110
Fort Bend	55	80	129	638	771	8.98	21.93	14.93	20.92	1,378	1,655	2,431	7,276	8,111	64	66	103
Franklin	5	6	12	32	35	9.32	12.47	10.80	11.75	1,008	1,333	2,415	4,956	5,406	57	69	69
Freestone	15	17	27	73	86	6.11	13.74	9.66	19.09	1,220	1,637	2,548	5,936	7,033	67	69	90
Frio	9	15	21	55	60	9.08	12.17	10.53	8.41	894	1,365	1,879	4,262	4,537	42	51	58
Gaines	18	24	34	74	69	6.50	8.25	7.32	-7.36	1,488	1,960	2,932	6,542	6,160	69	80	79
Galveston	285	409	575	1,413	1,604	7.28	12.07	9.52	13.51	2,067	2,578	3,368	7,245	8,099	96	92	103
Garza	11	12	15	32	35	3.32	10.01	6.43	7.15	1,628	1,932	2,735	6,133	6,680	76	75	85
Gillespie	17	24	30	83	96	5.74	13.74	9.46	15.46	1,744	2,263	2,902	7,231	8,156	81	79	104
Glasscock	2	3	3	14	10	4.11	15.62	9.42	-24.71	1,725	3,157	2,471	11,615	8,475	80	67	108
Goliad	6	7	8	33	35	2.60	17.31	9.32	5.17	1,207	1,468	1,768	6,832	7,222	56	48	92
Gonzales	19	26	40	95	113	7.52	12.26	9.74	18.15	1,101	1,410	2,400	5,918	7,222	51	65	92
Gray	12	16	21	39	42	5.60	7.74	6.61	6.60	1,531	1,955	3,039	6,298	6,910	71	83	88
Grayson	128	170	297	617	724	4.54	9.93	7.05	12.47	2,011	2,734	3,621	7,946	9,055	94	99	115
Gregg	127	181	246	634	730	6.86	12.85	9.66	16.28	1,779	2,246	3,103	6,303	7,297	83	85	93
Grimes	16	20	29	68	80	6.20	12.07	8.94	15.27	1,859	2,580	3,337	7,387	8,362	87	91	107
Guadalupe	39	54	85	224	261	8.17	13.26	10.55	16.62	1,364	1,759	2,530	5,630	6,375	59	65	81
Hale	74	104	104	245	27	3.43	9.40	6.22	-4.65	2,057	2,409	2,581	6,946	6,683	96	70	85
Hall	13	15	19	33	27	3.50	4.26	3.86	-18.22	1,845	2,106	3,114	5,868	4,852	86	85	62
Hamilton	11	13	18	40	49	4.88	12.05	8.22	22.42	1,314	1,071	2,459	5,404	6,504	61	67	83
Hansford	10	15	22	40	29	7.68	3.31	5.59	-26.78	1,712	2,170	3,290	6,495	4,783	80	90	61
Hardeman	12	16	21	39	42	5.60	7.74	6.61	6.60	1,531	1,955	3,039	6,298	6,910	71	83	88
Hardin	37	56	77	217	254	7.56	14.22	10.66	16.91	1,529	2,016	2,568	5,836	6,621	71	70	84
Harris	3,059	4,397	6,694	18,278	21,316	8.14	13.73	10.76	16.62	2,507	2,942	3,916	8,601	9,715	117	107	124
Harrison	67	90	130	267	311	6.88	10.20	8.44	16.53	1,491	2,207	3,046	5,847	6,689	70	83	85
Hartley	2	2	12	27	17	17.89	3.96	11.08	-37.64	1,082							

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years 1—Continued

Area title	Total personal income									Per capita personal income							
	Millions of dollars					Average annual rate of growth				Dollars					Percent of U.S. average		
	1959	1965	1969	1977	1978	1959-69	1969-78	1959-78	1977-78	1959	1965	1969	1977	1978	1959	1969	1978
Jasper	32	46	60	162	186	6.52	13.35	9.70	14.65	1,472	1,928	2,424	5,788	6,513	69	66	83
Jeff Davis	2	3	4	7	9	5.85	9.74	7.67	25.51	1,372	1,726	2,331	4,594	5,676	64	64	72
Jefferson	512	638	838	1,890	2,079	5.04	10.62	7.65	10.01	2,125	2,603	3,419	7,652	8,474	99	93	108
Jim Hogg	5	6	10	20	26	5.86	11.62	8.55	29.06	1,114	1,402	2,005	4,248	5,442	52	57	69
Jim Wells	40	51	72	173	201	6.05	12.02	8.84	16.24	1,184	1,456	2,225	5,055	5,823	55	61	74
Johnson	62	84	137	364	423	8.26	13.32	10.63	16.11	1,820	2,083	3,044	6,198	7,036	85	83	90
Jones	32	38	45	101	105	3.42	9.86	6.43	3.69	1,691	1,992	2,748	6,187	6,427	79	75	82
Karnes	17	20	30	61	75	5.88	10.80	8.18	23.55	1,141	1,378	2,208	4,823	5,953	53	60	76
Kaufman	40	56	85	219	252	7.69	12.87	10.12	15.14	1,377	1,885	2,607	6,220	6,986	64	71	89
Kendall	10	18	25	72	83	9.59	14.19	11.75	15.27	1,733	3,054	3,903	7,969	9,071	81	106	116
Kenedy	2	1	4	3	5	5.44	2.30	3.94	70.05	2,601	2,348	6,998	4,848	7,911	121	191	101
Kerr	2	3	3	5	5	3.33	4.89	4.07	-11.29	1,279	1,466	1,938	4,280	3,983	60	53	51
Kerr	31	48	65	187	213	7.84	14.09	10.76	13.97	1,851	2,503	3,343	8,212	9,139	86	91	117
Kimble	5	7	11	22	28	7.49	11.09	9.18	26.01	1,348	1,657	2,766	5,519	6,038	63	75	90
King	1	1	2	1	4	10.42	9.16	9.82	214.16	1,096	1,576	3,552	3,100	10,854	51	97	138
Kinney	2	4	4	10	13	6.64	14.80	10.43	32.78	834	1,439	1,768	4,391	6,021	39	48	77
Kleberg	45	54	77	172	198	5.58	11.03	8.13	14.68	1,518	1,728	2,338	5,274	6,047	71	64	77
Knox	12	13	14	35	37	1.88	11.35	6.26	5.61	1,515	1,973	2,363	6,247	6,644	71	64	85
Lamar	45	65	92	215	244	7.43	11.43	9.31	13.57	1,340	1,939	2,659	5,632	6,480	62	73	83
Lamb	48	57	50	121	119	.55	10.06	4.95	-1.41	2,210	2,454	2,697	6,919	6,822	103	74	87
Lampasas	14	18	26	65	74	6.33	12.31	9.12	12.49	1,514	1,955	3,022	5,608	6,329	71	82	81
La Salle	6	5	10	17	21	4.82	8.43	6.51	26.42	1,090	963	1,944	2,947	3,796	51	53	48
Lavaca	24	32	43	94	108	6.20	10.75	8.33	14.88	1,189	1,739	2,412	5,348	6,149	55	66	78
Lee	10	13	18	52	63	5.95	14.71	-10.01	22.61	1,173	1,609	2,242	5,873	6,946	55	61	89
Leon	10	12	20	47	54	6.70	11.89	9.13	15.05	1,056	1,226	1,922	5,248	5,976	49	60	76
Liberty	40	54	81	267	307	7.51	15.87	11.39	15.04	1,273	1,726	2,438	6,567	7,396	50	66	94
Limestone	23	29	39	92	108	5.54	11.96	8.53	17.62	1,141	1,428	2,016	5,054	6,019	52	56	77
Lipscomb	7	9	12	28	28	5.50	10.15	7.68	17.09	2,056	2,515	3,155	6,509	7,501	96	86	96
Live Oak	9	11	14	34	41	5.24	12.37	8.56	22.53	1,128	1,439	2,258	5,042	5,981	53	62	76
Llano	11	14	23	68	79	7.56	14.59	10.83	16.04	2,182	2,420	3,229	7,526	8,734	102	88	111
Loving	(*)	(*)	(*)	2	2	-16.67	46.23	8.77	34.39	1,896	2,507	433	12,476	19,073	88	12	243
Lubbock	291	407	533	1,315	1,452	6.24	11.79	8.83	10.39	1,894	2,256	2,964	6,571	7,260	88	81	93
Lynn	22	25	27	42	56	2.11	3.28	2.66	-14.95	2,043	2,410	2,940	4,820	4,141	95	80	53
McCulloch	13	17	23	52	56	5.79	10.34	7.92	8.24	1,532	1,829	2,585	6,250	6,788	71	70	87
McLennan	269	353	470	1,050	1,184	5.90	10.82	8.20	12.70	1,707	2,201	3,122	6,589	7,360	84	85	94
McMullen	2	1	3	6	6	6.63	7.16	6.88	17.19	1,604	1,177	3,040	6,607	8,001	75	83	102
Madison	8	11	16	48	58	6.78	15.49	10.82	20.71	1,234	1,575	2,053	5,436	6,211	58	56	79
Marion	7	10	17	38	44	8.72	11.50	10.02	15.67	908	1,351	2,020	4,409	4,962	42	55	63
Martin	12	10	13	29	26	.82	7.82	4.08	-12.08	2,417	1,943	2,762	5,868	5,105	113	75	65
Mason	6	7	10	19	23	4.40	10.00	7.01	24.45	1,722	1,780	2,756	5,642	7,087	80	75	90
Matagorda	41	60	74	227	257	5.98	14.90	10.11	13.56	1,632	2,100	2,521	7,374	7,969	76	69	102
Maverick	12	16	26	66	79	7.86	13.43	10.47	21.09	841	852	1,343	2,758	3,228	39	37	41
Medina	21	30	45	116	128	7.81	12.31	9.92	10.42	1,147	1,538	2,324	5,345	5,948	53	63	76
Menard	3	5	8	13	17	9.00	8.86	8.93	31.24	1,154	1,642	2,884	5,356	7,229	54	79	92
Midland	165	213	261	671	787	4.68	13.03	8.56	17.27	2,489	3,284	4,133	9,362	10,658	116	113	136
Milam	32	39	54	126	150	5.42	12.12	8.54	19.25	1,451	2,005	2,735	6,375	7,541	68	75	96
Mills	6	7	9	23	31	5.44	14.16	9.48	36.00	1,258	1,745	2,308	5,320	7,539	59	63	96
Mitchell	17	20	23	55	55	2.70	10.38	6.27	4.46	1,563	2,006	2,379	6,160	6,178	78	65	79
Montague	22	29	42	97	113	6.73	11.66	9.04	16.71	1,491	2,017	2,867	5,866	6,827	70	78	87
Montgomery	36	67	135	608	736	14.03	20.75	17.17	20.95	1,376	1,827	2,697	6,261	7,035	64	74	90
Moore	27	37	51	113	104	6.38	8.32	7.29	-7.86	1,886	3,027	3,848	7,580	6,944	88	105	89
Morris	20	27	37	118	118	6.36	13.90	9.86	16.68	1,605	2,401	3,114	7,419	8,732	75	85	111
Motley	4	4	7	12	10	6.14	4.35	5.29	-10.73	1,380	1,542	3,329	5,987	5,838	64	91	72
Nacogdoches	41	55	87	238	271	7.78	13.63	10.47	14.07	1,485	1,793	2,492	5,588	6,381	69	68	81
Navarro	47	65	87	202	230	6.36	11.40	8.72	14.23	1,392	2,005	2,834	6,335	7,274	65	77	93
Newton	10	15	19	50	58	6.57	13.22	9.67	14.87	979	1,415	1,676	4,079	4,585	46	46	58
Newton	30	36	52	111	125	5.79	10.25	7.88	12.17	1,586	2,157	3,271	6,771	7,525	74	89	96
Nueces	516	516	711	1,594	1,822	6.16	11.01	8.43	14.31	1,799	2,225	2,972	6,363	7,313	84	81	93
Ochiltree	19	20	32	60	71	5.31	9.11	7.09	17.94	2,087	1,881	3,230	6,496	7,540	97	88	96
Oldham	3	4	6	16	16	8.84	11.20	9.95	109.94	1,422	1,704	2,845	2,950	6,403	66	78	82
Orange	111	155	223	544	601	7.20	11.64	9.28	10.50	1,879	2,358	3,128	6,778	7,449	88	85	95
Palo Pinto	30	53	97	134	155	12.65	5.32	9.12	16.08	1,468	2,623	3,826	5,480	6,379	68	104	81
Panola	20	23	33	99	118	5.24	15.38	9.93	19.04	1,184	1,452	2,013	5,501	6,442	55	55	82
Parker	44	58	106	220	259	9.17	10.43	9.77	17.57	1,963	2,391	3,404	6,148	6,977	92	93	89
Parmer	19	33	57	60	58	11.55	.37	6.11	-1.83	2,015	3,083	5,241	5,813	5,767	94	143	74
Pecos	18	26	37	78	89	7.19	10.30	8.66	14.04	1,558	2,049	2,712	5,477	6,133	73	74	78
Polk	19	25	34	107	124	6.20	15.48	10.49	16.71	1,373	1,894	2,416	5,634	6,355	64	66	81
Potter	250	327	317	722	811	2.40	10.99	6.38	12.25	2,206	2,857	2,972	7,781	8,834	103	81	113
Presidio	6	8	11	26	28	6.44	10.41	8.30	4.41	1,134	1,390	2,146	5,616	5,996	53	59	76
Rains	3	4	7	21	25	9.02	14.90	11.77	20.30	1,033	1,374	2,081	4,577	5,565	48	57	71
Randall	63	103	183	476	538	11.30	12.70	11.96	13.05	1,888	2,072	3,449	7,375	8,109	88	94	103
Reagan	6	9	10	28	32	6.22	13.25	9.50	13.35	1,546	3,847	3,867	8,102	8,868	72	105	113
Real	2	2	3	9	11	5.35	16.38	10.44	24.46	825	1,153	1,395	4,097	5,097	38	38	65
Red River	14	19	30	68	75	7.69	10.68	9.09	10.89	933	1,198	2,033	4,699	5,281	43	55	67
Reeves	26	30	46	70	69	5.91	4.67	5.32	-1.69	1,485	1,680	2,890	4,466	4,498	69	79	57
Religio	16	23	23	50	63	3.77	11.70	7.45	25.13	1,485	2,261	2,411	5,502	6,865	69	66	88
Roberts																	

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

Area title	Total personal income									Per capita personal income							
	Millions of dollars					Average annual rate of growth				Dollars					Percent of U.S. average		
	1959	1965	1969	1977	1978	1959-69	1969-78	1959-78	1977-78	1959	1965	1969	1977	1978	1959	1969	1978
Starr	9	15	23	57	66	9.89	12.66	11.19	16.48	522	870	1,275	2,602	2,960	24	35	38
Stephens	14	18	26	59	68	6.12	11.37	8.58	15.67	1,624	2,291	3,191	6,640	7,466	76	87	95
Sterling	2	2	4	6	8	10.34	7.63	9.05	36.62	1,310	1,982	3,760	5,330	7,448	61	103	95
Stonewall	5	5	6	12	14	2.90	9.56	6.00	20.24	1,565	1,694	2,411	5,387	6,404	73	66	82
Sutton	5	7	10	30	37	6.62	15.36	10.67	23.84	1,477	1,888	3,044	6,194	7,322	69	83	93
Swisher	23	36	41	78	78	5.90	7.34	6.58	—, 22	2,228	2,776	3,786	7,702	7,702	104	103	98
Tarrant	1,154	1,637	2,664	5,821	6,574	8.72	10.56	9.59	12.93	2,183	2,771	3,889	7,472	8,326	102	106	106
Taylor	184	228	302	715	817	5.07	11.68	8.15	14.25	1,858	2,183	3,003	6,836	7,776	87	82	99
Terrell	4	4	6	13	15	5.07	10.22	7.48	17.30	1,519	1,998	3,668	7,483	8,793	71	100	112
Terry	38	39	44	100	90	1.47	8.35	4.67	-9.67	2,371	2,282	2,823	7,262	6,639	111	77	85
Throckmorton	4	5	7	13	18	4.59	12.11	8.09	47.72	1,551	1,853	2,942	5,796	8,406	72	80	107
Titus	24	32	45	133	153	6.35	14.63	10.20	15.00	1,470	2,023	2,715	7,070	8,085	69	74	103
Tom Green	112	158	216	531	607	6.75	12.19	9.29	14.41	1,769	2,230	3,019	6,921	7,859	82	82	100
Travis	374	541	923	2,531	2,888	9.45	13.51	11.35	14.10	1,797	2,175	3,279	6,657	7,507	84	89	96
Trinity	8	11	16	39	45	7.34	12.12	9.58	14.70	1,071	1,491	2,139	4,913	5,802	50	58	74
Tyler	14	20	29	74	86	7.53	12.70	9.95	17.20	1,357	1,871	2,518	5,050	5,747	63	69	73
Upshur	24	31	45	131	154	6.47	14.81	10.34	17.47	1,225	1,612	2,143	5,360	6,092	57	58	78
Upton	9	10	13	31	35	3.39	12.17	7.46	12.38	1,465	1,936	2,584	6,809	7,990	68	70	102
Uvalde	21	30	39	113	124	6.43	13.67	9.80	9.41	1,272	1,798	2,185	5,684	6,113	59	60	78
Val Verde	37	46	64	142	166	5.51	11.21	8.17	17.20	1,552	1,837	2,379	4,418	5,195	72	65	66
Van Zandt	26	35	54	154	176	7.55	14.11	10.61	14.32	1,378	1,771	2,382	5,588	6,356	64	65	81
Victoria	84	122	153	420	490	6.23	13.83	9.76	16.80	1,831	2,395	3,813	6,938	7,852	85	77	100
Walker	23	34	54	176	202	8.73	15.85	12.05	14.82	1,103	1,476	1,979	5,173	5,742	51	54	73
Waller	18	22	31	87	99	5.93	13.71	9.55	13.35	1,477	1,769	2,219	5,502	6,060	69	61	77
Ward	28	31	36	79	92	2.79	10.77	6.50	15.34	1,892	2,244	2,871	6,360	7,243	88	78	92
Washington	27	36	49	124	146	6.27	12.80	9.31	17.96	1,429	1,966	2,659	6,241	7,256	67	73	93
Webb	70	91	142	344	389	7.36	11.83	9.45	13.03	1,098	1,218	1,896	4,032	4,529	51	52	58
Wharton	57	84	95	244	258	5.26	11.78	8.30	5.55	1,513	2,308	2,566	6,573	6,928	71	70	88
Wheeler	12	13	20	53	65	5.55	13.84	9.40	22.93	1,513	1,970	3,158	8,626	10,527	71	86	134
Wichita	233	306	439	892	994	6.52	9.51	7.93	11.41	1,923	2,596	3,604	7,304	8,290	90	98	106
Wilbarger	25	32	39	97	104	4.59	11.60	7.86	7.72	1,420	1,843	2,519	6,461	7,000	66	69	89
Willacy	22	23	24	68	71	1.04	12.54	6.33	7.81	1,119	1,283	1,618	4,121	4,355	52	44	56
Williamson	46	67	94	333	404	7.30	17.62	12.07	21.20	1,348	1,982	2,591	6,254	6,940	63	71	89
Wilson	13	16	25	57	69	7.01	11.77	9.24	21.64	988	1,252	1,908	4,036	4,858	46	52	62
Winkler	22	25	32	61	70	3.79	9.29	6.36	15.76	1,623	2,321	3,433	6,375	7,365	76	94	94
Wise	29	37	54	129	156	6.42	12.50	9.26	20.39	1,733	2,090	2,806	5,844	6,871	81	77	88
Wood	26	35	49	134	155	6.41	13.75	9.82	15.94	1,508	2,007	2,673	6,094	7,078	70	73	90
Yoakum	14	16	24	57	56	5.05	10.07	7.40	-2.18	1,829	2,101	3,310	7,848	7,565	85	90	96
Young	26	36	47	126	148	6.15	13.69	9.66	17.47	1,518	2,402	3,124	7,354	8,380	71	85	107
Zapata	4	4	6	18	21	3.30	15.04	8.70	18.34	1,005	934	1,455	3,353	3,782	47	40	48
Zavala	11	14	14	48	53	2.35	15.61	8.43	10.05	910	1,275	1,368	4,164	4,677	42	37	60
Utah	1,645	2,345	3,065	7,517	8,622	6.42	12.18	9.11	14.70	1,891	2,366	3,928	5,919	6,594	88	80	84
Sum of SMSA counties	1,344	1,941	2,543	6,149	7,020	6.58	11.94	9.09	14.16	2,014	2,480	3,050	6,147	6,829	94	83	87
Sum of non-SMSA counties	301	404	523	1,367	1,602	5.68	13.25	9.20	17.14	1,486	1,939	2,450	5,071	5,730	69	67	73
Beaver	6	8	9	24	24	4.41	11.49	7.71	13.93	1,377	1,917	2,300	5,130	5,590	64	63	71
Box Elder	39	62	80	178	206	7.32	11.16	9.12	16.00	1,603	2,202	2,882	5,857	6,700	75	79	85
Cache	51	74	98	252	290	6.80	12.78	9.59	15.37	1,457	1,847	2,352	5,050	5,795	68	64	74
Carbon	35	36	42	127	148	1.92	14.92	7.89	16.82	1,698	2,064	2,634	6,212	6,837	79	72	87
Daggett	2	2	2	3	4	5.59	11.26	5.51	24.63	1,361	2,154	2,733	4,555	5,405	63	75	69
Davis	126	197	279	727	844	8.24	13.07	10.50	16.06	1,999	2,288	2,878	5,955	6,580	93	78	84
Duchesne	9	11	14	57	66	5.20	18.52	11.31	16.52	1,231	1,631	2,019	4,564	5,158	57	55	66
Emery	7	7	10	50	60	4.18	22.31	12.41	19.28	1,201	1,364	1,922	5,636	5,788	56	52	74
Garfield	5	6	7	17	20	3.30	12.41	7.51	15.03	1,437	1,713	2,240	5,032	5,574	67	61	71
Grand	13	18	20	48	56	4.55	11.85	7.94	16.40	2,106	2,644	2,994	6,811	7,182	98	82	92
Iron	17	24	31	71	85	6.26	11.86	8.88	18.25	1,593	2,210	2,591	4,603	5,260	74	71	67
Juab	6	8	10	22	25	4.85	10.79	7.63	14.98	1,365	1,827	2,188	4,185	4,650	64	60	59
Kane	4	5	6	17	19	3.31	14.28	8.37	14.51	1,579	1,740	2,373	4,678	4,796	74	65	61
Millard	9	12	17	37	46	6.51	11.31	8.76	24.38	1,208	1,645	2,493	4,452	5,585	56	68	71
Morgan	5	8	12	27	31	9.87	11.14	10.47	16.12	1,714	2,607	3,203	5,825	6,734	80	87	86
Piute	2	2	2	3	6	5.01	11.10	7.85	21.55	1,071	1,328	1,885	4,225	5,115	50	51	65
Rich	2	3	5	7	9	7.59	7.18	7.39	31.76	1,451	2,059	3,101	4,146	4,840	68	85	62
Salt Lake	823	1,152	1,480	3,592	4,101	6.04	11.99	8.82	14.18	2,201	2,641	3,252	6,659	7,400	103	89	94
San Juan	10	12	15	40	49	4.14	13.89	8.65	22.52	1,150	1,553	1,639	3,260	3,833	54	45	49
Sanpete	13	18	26	52	60	7.46	9.86	8.59	16.30	1,163	1,716	2,365	4,020	4,616	54	64	59
Sevier	15	19	25	69	80	5.07	13.73	9.09	16.15	1,487	1,983	2,542	5,294	5,788	69	69	74
Summit	8	12	17	42	48	7.27	12.38	9.66	15.51	1,515	2,169	2,872	5,833	6,382	71	78	81
Tooele	32	54	67	135	150	7.59	9.32	8.41	10.68	1,848	2,573	3,104	5,828	6,328	86	85	81
Uintah	18	22	29	94	115	4.97	16.47	10.27	22.13	1,590	1,734	2,356	5,243	6,221	74	64	79
Utah	159	250	321	868	988	7.29	13.30	10.09	13.84	1,522	2,100	2,388	4,834	5,331	71	65	68
Wasatch	8	11	14	37	39	6.02	12.03	8.82	7.21	1,520	1,919	2,438	5,022	5,245	71	66	67
Washington	16	22	27	88	104	5.71	15.93	10.43	18.74	1,573	2,045	2,115	4,417	4,992	73	58	64
Wayne	2	2	3	7	10	4.03	14.79	8.99	30.23	1,123	1,432	1,876	4,146	5,021	52	51	64
Weber	203	289	395	827	937	6.90	10.06	8.38	13.29	1,876	2,393	3,151	6,079	6,864	87	86	88
Vermont	686	957	1,422	2,809	3,214	7.56	9.48	8.46	14.41	1,774	2,369	3,254	5,827	6,601	83	89	



Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years<sup>1</sup>—Continued

Area title	Total personal income									Per capita personal income							
	Millions of dollars					Average annual rate of growth				Dollars					Percent of U.S. average		
	1959	1965	1969	1977	1978	1959-69	1969-78	1959-78	1977-78	1959	1965	1969	1977	1978	1959	1969	1978
Sum of SMSA counties.....	5,281	7,986	11,507	25,871	28,899	8.10	10.77	9.36	11.71	2,173	2,846	3,796	7,739	8,565	101	104	109
Sum of non-SMSA counties.....	1,974	2,912	4,182	9,547	10,847	7.80	11.17	9.38	13.61	1,298	1,815	2,642	5,451	6,115	61	72	78
Acomack.....	32	52	66	156	184	7.56	12.13	9.70	17.87	1,039	1,700	2,242	5,010	5,775	48	61	74
Albemarle <sup>3</sup> .....	109	271	309	67	309	12.32	13.81	13.81	13.81	2,931	5,539	6,250	6,250	6,250	80	80	80
Alleghany <sup>3</sup> .....	27	58	67	156	184	10.72	15.48	15.48	15.48	2,154	4,668	5,231	5,231	5,231	59	67	74
Amelia.....	7	11	17	39	47	8.74	11.75	10.15	19.13	959	1,371	2,239	4,583	5,569	45	61	71
Amherst.....	29	43	64	139	159	8.33	10.65	9.43	14.88	1,259	1,697	2,464	5,076	5,793	59	67	74
Appomattox.....	11	17	26	62	72	8.86	11.91	10.30	17.31	1,233	1,685	2,678	5,401	6,294	57	73	80
Arlington <sup>3</sup> .....	2,013	989	2,013	2,989	2,989	9.25	10.30	8.93	14.88	5,649	13,188	14,675	14,675	14,675	154	187	187
Augusta <sup>3</sup> .....	122	261	300	67	300	10.51	14.64	14.64	14.64	2,774	5,055	5,775	5,775	5,775	76	74	74
Bath.....	6	9	13	30	40	7.63	13.60	10.42	32.62	1,148	1,745	2,447	5,853	7,334	54	67	94
Bedford <sup>3</sup> .....	173	173	198	173	198	(9)	14.28	14.28	14.28	2,806	5,749	6,364	6,364	6,364	77	81	81
Bland.....	5	8	11	26	29	7.89	11.07	9.38	11.24	887	1,323	2,052	4,364	4,564	41	56	58
Botetourt.....	22	33	49	115	130	8.09	11.55	9.72	12.94	1,343	1,819	2,675	5,417	6,056	63	73	77
Brunswick.....	18	25	35	70	81	7.03	9.89	8.37	15.77	991	1,449	2,111	4,445	5,073	46	58	65
Buchanan.....	33	41	60	217	230	5.98	16.15	10.68	6.14	915	1,158	1,834	6,019	6,395	43	50	82
Buckingham.....	8	13	20	45	51	10.13	10.99	10.53	14.28	705	1,210	1,872	4,038	4,391	33	51	56
Campbell <sup>3</sup> .....	128	265	301	62	301	(9)	13.47	13.47	13.47	2,997	6,090	6,800	6,800	6,800	82	87	87
Caroline.....	14	23	35	89	102	9.39	12.48	10.85	14.52	1,134	1,666	2,537	5,304	5,981	53	69	76
Carroll <sup>3</sup> .....	47	104	120	26	120	11.02	15.25	15.25	15.25	2,019	4,347	5,044	5,044	5,044	55	64	64
Charles City.....	6	9	13	29	32	8.70	10.94	9.75	12.30	1,006	1,453	2,078	4,413	4,919	47	57	63
Charlotte.....	14	20	30	58	66	7.90	9.36	8.59	14.49	1,037	1,529	2,363	4,652	5,213	48	64	66
Chesterfield <sup>3</sup> .....	289	908	908	1,048	1,048	15.38	15.45	15.45	15.45	3,894	7,460	8,197	8,197	8,197	106	105	105
Clarke.....	12	19	24	58	68	6.97	12.12	9.38	18.26	1,568	2,276	3,002	6,453	7,382	73	82	94
Craig.....	4	6	9	20	22	9.95	10.43	10.18	14.89	1,064	1,620	2,623	5,006	5,497	50	72	70
Culpeper.....	20	31	49	118	139	9.20	12.21	10.62	17.17	1,358	1,807	2,717	5,515	6,320	63	74	81
Cumberland.....	5	8	12	30	35	9.74	12.33	10.96	16.78	764	1,171	1,977	4,164	4,814	36	54	61
Dickenson.....	20	23	31	97	101	4.14	14.14	8.76	3.69	1,016	1,247	1,870	4,956	5,055	47	51	64
Dinwiddie <sup>3</sup> .....	53	117	134	117	134	10.73	14.56	14.56	14.56	2,467	5,603	6,245	6,245	6,245	67	80	80
Essex.....	8	12	17	39	46	7.80	11.35	9.47	15.90	1,225	1,735	2,436	4,852	5,621	57	66	72
Fairfax <sup>3</sup> .....	2,040	5,276	5,910	12,55	12,55	12.55	12.01	12.01	12.01	4,651	9,892	10,835	10,835	10,835	127	138	138
Fauquier.....	36	54	86	208	241	9.15	12.14	10.56	16.20	1,496	2,069	3,235	6,881	7,717	70	88	98
Floyd.....	11	16	23	47	55	7.89	9.90	8.88	16.28	1,046	1,561	2,352	4,497	5,120	49	64	65
Fluvanna.....	8	11	18	49	54	8.81	12.64	10.61	9.56	1,102	1,451	2,428	5,139	5,353	51	66	68
Franklin.....	32	47	72	163	189	8.38	11.42	9.81	16.14	1,238	1,687	2,535	5,015	5,802	58	69	74
Frederick <sup>3</sup> .....	171	199	199	222	222	13.03	16.40	16.40	16.40	2,794	6,124	7,082	7,082	7,082	76	90	90
Giles.....	23	34	45	88	99	6.87	9.13	7.93	12.43	1,359	1,941	2,680	5,345	5,958	63	73	76
Gloucester.....	17	29	43	107	123	9.69	12.45	10.99	14.27	1,425	2,152	3,046	6,162	6,798	66	83	87
Goochland.....	11	17	25	63	73	8.93	12.53	10.62	15.45	1,167	1,739	2,492	5,734	6,380	54	68	81
Grayson.....	15	22	32	66	76	7.78	10.00	8.83	16.03	883	1,320	2,073	4,261	4,877	41	57	62
Greene.....	5	8	12	30	34	8.38	12.22	10.56	15.56	1,161	1,559	2,343	4,300	4,681	54	64	60
Greensville <sup>3</sup> .....	18	36	43	88	102	10.02	10.18	10.18	20.45	1,161	1,559	2,343	4,300	4,681	54	64	60
Halifax <sup>3</sup> .....	64	126	143	301	361	9.47	13.09	13.09	13.09	2,089	4,201	4,762	4,762	4,762	57	61	61
Hanover.....	49	84	129	340	391	10.21	13.10	11.57	13.99	1,780	2,499	3,509	6,764	7,513	83	96	96
Henrico <sup>3</sup> .....	1,488	3,488	3,488	1,488	1,488	11.51	12.12	12.12	12.12	4,107	8,676	9,596	9,596	9,596	112	122	122
Henry <sup>3</sup> .....	147	302	343	70	343	11.51	13.51	13.51	13.51	4,107	8,676	9,596	9,596	9,596	79	78	78
Highland.....	3	4	6	13	17	6.34	12.81	9.13	36.62	1,014	1,290	2,313	4,921	6,122	47	63	78
Isle of Wight.....	24	36	50	111	126	7.44	10.82	9.08	13.48	1,431	1,945	2,740	5,578	6,199	67	75	79
James City <sup>3</sup> .....	42	110	125	25	125	13.05	14.28	14.28	14.28	2,415	5,272	5,961	5,961	5,961	66	76	76
King and Queen.....	7	10	13	30	35	7.45	11.48	9.34	17.55	1,108	1,661	2,380	5,043	5,784	52	65	74
King George.....	12	18	27	63	71	8.28	11.33	9.72	13.64	1,700	2,237	3,396	6,510	7,296	79	93	93
King William.....	11	17	22	53	60	6.94	11.74	9.19	13.01	1,491	2,178	2,930	6,338	6,923	70	80	88
Lancaster.....	11	18	25	62	73	8.05	12.90	10.32	17.21	1,238	1,822	2,668	6,383	7,155	58	73	91
Lee.....	19	23	33	103	118	5.77	10.19	14.22	14.22	726	1,056	1,572	4,052	4,661	34	43	50
Loudoun.....	50	88	137	434	496	10.62	15.40	12.86	14.41	2,037	2,796	3,775	8,373	9,325	95	103	119
Louisa.....	14	20	29	94	97	7.43	14.33	10.64	3.44	1,105	1,396	2,085	5,455	5,512	52	57	70
Lunenburg.....	15	20	28	59	67	6.62	10.05	8.23	13.78	1,191	1,598	2,389	4,782	5,343	56	65	68
Madison.....	9	13	20	43	50	8.67	10.95	9.75	16.04	1,461	2,270	4,433	5,093	49	62	65	
Mathews.....	9	14	19	42	48	7.14	11.09	8.99	13.20	1,311	1,848	2,573	5,262	5,823	61	70	74
Mecklenburg.....	37	54	73	145	164	6.89	9.44	8.09	12.83	1,193	1,716	2,447	4,919	5,479	56	67	70
Middlesex.....	7	10	14	37	43	6.98	13.32	9.94	16.05	1,116	1,513	2,188	4,950	5,737	52	60	73
Montgomery <sup>3</sup> .....	225	262	298	60	298	10.44	13.78	13.78	13.78	2,634	4,460	4,978	4,978	4,978	72	63	63
Nelson.....	14	18	25	51	60	6.05	10.24	8.02	17.45	1,084	1,441	2,099	4,354	5,107	51	57	65
New Kent.....	6	9	14	44	51	8.29	15.25	11.53	15.67	1,431	1,840	2,685	5,934	6,584	67	73	84
Northampton.....	17	29	47	79	91	5.63	11.54	8.39	18.36	1,010	1,785	2,022	4,361	5,113	47	55	65
Northumberland.....	10	16	22	54	63	8.00	12.46										



Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years <sup>1</sup>—Continued

Area title	Total personal income									Per capita personal income								
	Millions of dollars					Average annual rate of growth				Dollars					Percent of U.S. average			
	1959	1965	1969	1977	1978	1959-69	1969-78	1959-78	1977-78	1959	1965	1969	1977	1978	1959	1969	1978	
Westmoreland.....	11	18	26	65	75	9.48	12.41	10.85	16.09	961	1,484	2,160	4,750	5,462	45	59	70	
Wise <sup>2</sup> .....			76	256	291		16.10		13.87			2,068	5,846	6,570		56	84	
Wythe.....	23	35	55	122	139	9.28	10.93	10.06	14.38	1,025	1,523	2,451	5,135	5,712	48	67	73	
York <sup>3</sup> .....			107	206	230		(9)		11.66			3,318	6,289	6,841		90	87	
Independent cities: <sup>3</sup>																		
Alexandria.....			540	1,154	1,279		10.06		10.75			4,901	11,074	12,208		134	156	
Bedford City.....			22	47	52		9.98		11.57			3,713	7,571	8,409		101	107	
Bristol.....			52	117	131		10.89		11.89			2,589	5,705	6,290		71	80	
Buena Vista.....			18	33	39		8.91		15.88			2,793	5,020	5,750		76	73	
Charlottesville.....			143	287	320		9.41		11.47			3,692	7,178	8,218		101	105	
Chesapeake.....			250	627	713		12.35		13.69			2,854	5,656	6,340		78	81	
Clifton Forge.....			16	34	41		10.83		18.70			2,869	6,989	8,370		78	107	
Colonial Heights.....			59	136	150		10.90		10.18			3,990	8,075	8,651		109	110	
Covington.....			37	68	75		8.14		10.60			3,650	7,591	8,377		100	107	
Danville.....			152	298	326		8.86		9.53			3,256	6,667	7,378		89	94	
Emporia.....			17	35	40		10.37		14.85			3,121	6,992	7,919		85	101	
Fairfax City.....			90	218	236		11.29		8.53			4,254	10,362	11,586		116	148	
Falls Church.....			(4)	(9)	(9)		(4)		(4)			(4)	(4)	(4)		(9)	(9)	
Franklin.....			25	55	61		10.27		9.74			3,642	8,042	8,583		99	109	
Fredericksburg.....			56	135	151		11.68		11.42			3,849	7,785	8,814		105	112	
Galax.....			23	46	52		9.32		12.90			3,668	6,012	7,764		100	99	
Hampton.....			388	809	878		9.48		8.45			3,267	6,409	7,061		89	90	
Harrisonburg.....			52	113	123		10.11		9.37			3,576	6,009	6,522		98	83	
Hopewell.....			78	155	170		9.07		10.07			3,332	6,531	7,128		91	91	
Lexington.....			22	44	50		9.90		15.48			2,831	5,678	6,585		77	84	
Lynchburg.....			204	439	497		(9)		13.06			3,757	6,909	7,678		102	98	
Manassas.....			112	112	125		11.45		11.45			3,857	7,750	8,736		95	125	
Manassas Park <sup>2</sup> .....			76	138	152		8.05		10.34			3,857	7,750	8,612		105	110	
Martinsville.....			475	940	1,021		8.89		8.59			3,387	6,577	7,106		92	91	
Newport News.....			1,708	3,733	4,179		6.93		10.26			3,596	6,026	6,700		88	85	
Norfolk.....			13	34	37		12.30		8.47			3,172	7,637	8,570		87	109	
Norton.....			141	279	307		9.03		10.31			3,145	6,398	7,137		86	91	
Petersburg.....			46	55	55		19.27		15.48			5,480	5,892	5,892		75	75	
Poquoson <sup>2</sup> .....			335	658	733		9.07		11.36			2,677	6,096	6,795		73	87	
Portsmouth.....			33	63	70		8.69		10.33			2,863	5,101	5,600		78	71	
Radford.....			1,064	1,840	2,031		7.45		10.33			4,238	8,245	9,247		116	118	
Richmond.....			332	686	780		(9)		13.70			3,565	7,069	7,896		97	101	
Roanoke.....			75	174	195		11.13		11.92			3,440	6,985	8,362		94	107	
Salem.....			27	52	56		8.69		8.84			3,844	7,062	7,807		105	100	
South Boston.....			85	166	183		8.88		9.81			3,471	7,655	8,568		95	109	
Staunton.....			53	123	132		8.88		10.90	9.83	12.73	1,199	1,765	2,720	5,936	6,661	56	74
Suffolk.....			171	330	369		12.80		13.83	13.28	13.57	2,034	2,592	3,375	6,838	7,539	95	92
Virginia Beach.....			65	120	131		8.17		9.10			3,881	7,446	8,080		106	103	
Waynesboro.....			36	91	100		12.13		9.81			3,882	8,015	8,865		106	113	
Williamsburg.....			70	151	170		10.42		13.17			3,544	6,638	7,362		97	94	
Winchester.....																		
County and independent city combinations <sup>3</sup>																		
Albemarle and Charlottesville.....	104	164								1,726	2,318				80			
Alleghany, Clifton Forge and Covington.....	43	64								1,514	2,178				71			
Arlington and Alexandria.....	832	1,161								3,285	4,159				153			
Augusta, Staunton, and Waynesboro.....	127	195								1,698	2,338				79			
Bedford and Bedford City.....	47	66								1,529	1,992				71			
Campbell and Lynchburg.....	156	238								1,781	2,485				83			
Carroll and Galax.....	33	50								1,149	1,658				54			
Chesterfield and Colonial Heights.....	139	237								2,310	3,223				108			
Dinwiddie and Petersburg.....	90	124								1,537	1,997				72			
Fairfax, Fairfax City and Falls Church.....	791	1,377								2,785	3,602				130			
Frederick and Winchester.....	60	89								1,625	2,148				76			
Greensville and Emporia.....	17	26								1,067	1,598				50			
Halifax and South Boston.....	43	61								1,089	1,538				51			
Henrico and Richmond.....	876	1,275								2,458	3,205				115			
Henry and Martinsville.....	106	164								1,795	2,447				84			
James City and Williamsburg.....	30	50								1,654	2,148				77			
Montgomery and Radford.....	64	102								1,528	1,958				71			
Chesapeake City, Norfolk, and Portsmouth.....	911	1,204								1,850	2,378				86			
Pittsylvania and Danville.....	145	204								1,389	1,877				65			
Prince George and Hopewell.....	64	100								1,689	2,178				79			
Roanoke, Roanoke City, and Salem.....	305	443								1,931	2,526				90			
Rockbridge, Buena Vista, and Lexington.....	38	54								1,245	1,728				58			
Rockingham and Harrisonburg.....	81	123								1,546	2,064				72			
Southampton and Franklin.....	29	45								1,078	1,661				50			
Spotsylvania and Fredericksburg.....	47	70								1,736	2,303				81			
Washington and Bristol.....	68	97								1,239	1,682				58			
Wise and Norton.....	52	65								1,077	1,437				50			
York, Hampton, and Newport News.....	458	684								2,047	2,570				95			
Washington.....	6,489	8,731	13,062	27,871	32,275	7.25	10.57	8.81	15.80	2,300	2,943	3,907	7,572	8,553	107	107	109	
Sum of SMSA counties.....	4,860	6,572	9,932	20,452	23,659	7.41	10.12	8.69	15.68	2,419	3,070	4,062	7,809	8,818	113	111	112	
Sum of non-SMSA counties.....	1,629	2,159	3,129	7,419	8,616	6.75	11.91	9.16	16.14	2,005	2,612	3,486	6,986	7,900	93	95	101	
Adams.....	23	35	48	100	128	7.53	11.42	9.36	27.79	2,390	3,449	4,322	7,290	9,116	111	118	116	
Asotin.....	25	30	40	93	107	4.96	11.59	8.05	14.73	1,931	2,382	3,010	6,102	6,860	90	82	88	
Benton.....	145	183	240	714	870	5.20	15.38	9.91	21.88	2,356	3,028	3,696	7,977	8,989	110	101	115	
Chelan.....	82	111	145	333	395	5.86	11.81	8.64	18.85	2,033	2,890	3,649	7,906	9,181	95	100	117	
Clallam.....	63	79	112	316	353	5.95	13.64	9.53	11.97	2,112	2,568	3,283	7,272	7,822	98	90	100	
Clark.....	199	297	443	1,172	1,363	8.30	13.31	10.65	16.31	2,149	2,824	3,486	7,110	7,946	100	95	101	
Columbia.....	16	19	21	37	48	2.74	9.53	5.90	32.60	3,609	4,516	4,825	7,866	10,624	168	132	136	
Cowlitz.....	128	168	236	550	614	6.35	11.19	8.61	11.48	2,234	2,778	3,478	7,591	8,281	104	95	106	
Douglas.....	25	34	55	143	174	8.34	13.61	10.81	21.45	1,683	2,298	3,380	6,820	8,191	78	92	104	
Ferry.....	6	7	11	26	30	6.46	11.43	8.79	16.75	1,591	1,803	3,230	4,992	5,599	74	88	71	
Franklin.....	45	61	85	208	255	6.55	12.99	9.55	22.24	1,951	2,614	3,305	7,030	8,168	91	90	104	
Garfield.....	8	9	13	22	29	4.82	9.01	6.78	30.05	2,850	3,375	4,872	7,895	10,553	133	133	138	
Grant.....	80	114	136	291	348	5.48	11.01	8.06	19.45	1,736	2,636	3,455	6,005	7,111	81	94	91	
Grays Harbor.....	112	143	201	452	511	6.05	10.92	8.33	13.10	2,074	2,612	3,451	7,221	8,077	97	94	103	
Island.....	32	45	84	229	263	10.12	13.											

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years<sup>1</sup>—Continued

Area title	Total personal income									Per capita personal income							
	Millions of dollars					Average annual rate of growth				Dollars					Percent of U.S. average		
	1959	1965	1969	1977	1978	1959-69	1969-78	1959-78	1977-78	1959	1965	1969	1977	1978	1959	1969	1978
	1959	1965	1969	1977	1978	1959-69	1969-78	1959-78	1977-78	1959	1965	1969	1977	1978	1959	1969	1978
Kitsap.....	176	249	380	906	1,044	8.02	11.89	9.84	15.32	2,109	2,868	3,748	7,406	8,204	98	102	105
Klittas.....	38	47	68	140	161	5.95	10.07	7.88	15.49	1,885	2,798	3,798	5,691	6,454	88	76	82
Klickitat.....	22	26	38	88	106	5.50	12.06	8.56	20.26	1,671	2,104	3,088	6,320	7,358	78	84	94
Lewis.....	78	100	144	349	397	6.36	11.93	8.96	13.90	1,881	2,413	3,205	6,834	7,650	88	87	98
Lincoln.....	29	34	48	90	114	5.37	9.94	7.51	26.18	2,659	3,450	5,073	9,213	11,566	124	138	148
Mason.....	32	43	67	174	200	7.60	12.87	10.06	15.03	2,015	2,490	3,387	6,889	7,750	94	92	99
Okanogan.....	38	53	82	194	240	7.86	12.72	10.13	23.83	1,522	2,165	3,312	6,709	8,183	71	90	104
Pacific.....	27	34	52	117	135	6.57	11.24	8.76	15.30	1,890	2,402	3,443	7,208	8,329	88	94	106
Pend Oreille.....	14	17	16	38	43	1.47	11.85	6.26	13.33	2,001	2,852	2,681	4,729	5,177	93	73	66
Pierce.....	703	941	1,532	3,017	3,444	8.10	9.42	8.72	14.13	2,210	2,710	3,778	7,079	7,881	103	103	101
<b>San Juan.....</b>	<b>6</b>	<b>9</b>	<b>15</b>	<b>51</b>	<b>58</b>	<b>8.95</b>	<b>16.17</b>	<b>12.31</b>	<b>15.41</b>	<b>2,267</b>	<b>3,146</b>	<b>4,284</b>	<b>8,168</b>	<b>8,510</b>	<b>106</b>	<b>117</b>	<b>109</b>
Skagit.....	97	126	183	423	485	6.59	11.42	8.85	14.70	1,907	2,550	3,581	7,422	8,269	89	98	105
Skamania.....	9	12	17	39	44	6.14	11.54	8.66	15.04	1,783	2,176	2,969	6,380	7,475	83	81	95
Snohomish.....	375	535	940	1,871	2,211	9.61	9.97	9.78	18.19	2,205	2,599	3,577	6,782	7,625	103	98	97
Spokane.....	554	701	982	2,152	2,449	5.89	10.69	8.13	13.80	2,014	2,612	3,564	6,874	7,665	94	97	98
Stevens.....	28	32	51	138	165	6.42	13.87	9.89	19.91	1,557	1,904	2,996	5,797	6,565	73	82	84
Thurston.....	129	183	288	785	922	8.39	13.79	10.92	17.55	2,366	2,928	3,830	7,403	8,175	110	104	104
Wahkiakum.....	4	6	11	26	30	10.81	11.37	11.08	15.33	1,212	1,930	3,425	6,936	7,949	57	93	101
Walla Walla.....	83	109	141	294	346	5.39	10.50	7.78	17.77	1,997	2,726	3,491	6,781	7,970	93	95	102
Whatcom.....	131	174	262	657	750	7.15	12.39	9.60	14.16	1,890	2,395	3,249	6,982	7,753	88	89	99
Whitman.....	71	89	128	270	270	6.15	8.54	7.28	18.66	2,301	2,705	3,549	5,886	7,213	107	97	92
Yakima.....	249	324	451	1,019	1,215	6.13	11.66	8.71	19.23	1,733	2,335	3,186	6,439	7,628	81	87	97
<b>West Virginia.....</b>	<b>2,906</b>	<b>3,697</b>	<b>4,777</b>	<b>11,118</b>	<b>12,327</b>	<b>5.10</b>	<b>11.11</b>	<b>7.90</b>	<b>10.88</b>	<b>1,566</b>	<b>2,070</b>	<b>2,736</b>	<b>5,999</b>	<b>6,629</b>	<b>73</b>	<b>75</b>	<b>85</b>
<b>Sum of SMSA counties.....</b>	<b>1,318</b>	<b>1,724</b>	<b>2,191</b>	<b>4,690</b>	<b>5,219</b>	<b>5.21</b>	<b>10.12</b>	<b>7.51</b>	<b>11.27</b>	<b>1,940</b>	<b>2,590</b>	<b>3,305</b>	<b>7,001</b>	<b>7,772</b>	<b>90</b>	<b>90</b>	<b>99</b>
<b>Sum of non-SMSA counties.....</b>	<b>1,587</b>	<b>1,973</b>	<b>2,586</b>	<b>6,428</b>	<b>7,109</b>	<b>5.00</b>	<b>11.89</b>	<b>8.21</b>	<b>10.59</b>	<b>1,350</b>	<b>1,761</b>	<b>2,388</b>	<b>5,432</b>	<b>5,983</b>	<b>63</b>	<b>65</b>	<b>76</b>
Barbour.....	17	21	30	82	88	5.62	12.77	8.95	8.35	1,125	1,451	2,171	5,044	5,362	52	59	68
Berkeley.....	56	71	109	249	279	6.96	11.02	8.87	11.97	1,649	1,976	2,900	5,931	6,606	77	79	84
Boone.....	33	40	53	159	180	5.02	14.47	9.40	12.75	1,138	1,541	2,121	5,375	6,125	53	58	78
Braxton.....	14	16	22	52	57	5.00	11.05	7.82	10.09	903	1,089	1,780	3,929	4,401	42	49	56
Brooke.....	63	78	92	201	219	3.82	10.18	6.78	9.13	2,182	2,734	3,156	6,543	7,282	102	86	93
Cabell.....	207	287	352	716	790	5.44	9.40	7.30	10.33	1,921	2,667	3,311	6,767	7,549	90	90	96
Calhoun.....	7	11	12	32	38	4.90	13.96	9.10	18.63	928	1,403	1,666	4,051	4,707	43	45	60
Clay.....	10	12	15	40	45	4.07	12.75	8.09	10.93	858	1,121	1,701	3,849	4,228	40	46	54
Doddridge.....	7	8	11	26	29	4.53	11.20	7.64	10.39	1,032	1,212	1,710	3,798	4,070	48	47	52
Fayette.....	78	91	114	294	322	3.91	12.23	7.77	9.50	1,263	1,643	2,316	5,322	5,820	59	63	74
Gilmer.....	9	10	14	34	39	4.35	12.00	7.90	15.41	1,140	1,282	1,926	4,231	4,812	53	53	61
Grant.....	11	15	17	43	48	4.27	12.06	7.89	13.35	1,375	1,717	1,952	4,743	5,287	64	53	67
Greenbrier.....	44	53	73	174	197	5.13	11.65	8.17	13.31	1,292	1,612	2,289	4,997	5,619	66	62	72
Hampshire.....	10	16	24	59	69	8.43	12.66	10.42	15.87	898	1,370	1,940	4,364	4,789	42	53	61
Hancock.....	90	119	146	320	350	4.96	10.15	7.39	9.22	2,284	3,023	3,679	8,048	9,005	106	100	115
Hardy.....	9	11	17	41	47	5.81	12.38	8.88	15.16	1,012	1,171	1,830	4,355	4,948	47	50	63
Harrison.....	137	170	217	464	504	4.71	9.80	7.09	8.53	1,766	2,291	2,988	6,085	6,649	82	81	85
Jackson.....	31	44	55	145	167	5.71	13.21	9.20	15.63	1,700	2,141	2,532	6,234	6,990	79	69	89
Jefferson.....	29	41	58	145	167	7.18	12.44	9.64	14.68	1,560	2,055	2,679	5,776	6,486	73	73	83
Kanawha.....	503	635	800	1,719	1,914	4.74	10.18	7.28	11.36	1,996	2,645	3,490	7,576	8,419	93	95	107
Lewis.....	24	31	43	93	106	5.93	10.63	8.13	14.08	1,218	1,603	2,290	5,119	5,904	57	62	75
Lincoln.....	18	24	33	89	102	5.87	13.46	9.40	14.59	911	1,258	1,693	4,093	4,660	42	46	59
Logan.....	83	90	107	274	305	2.55	12.33	7.07	11.34	1,355	1,702	2,318	5,594	6,236	63	63	80
McDowell.....	82	90	108	295	295	2.78	11.78	6.95	-11	1,157	1,526	2,166	5,598	5,708	54	59	73
Marion.....	119	150	184	404	433	4.51	9.94	7.05	7.15	1,867	2,451	3,010	6,258	6,683	87	82	85
Marshall.....	58	76	114	252	282	7.02	10.54	8.67	11.71	1,531	2,035	2,998	6,359	7,028	71	82	90
Mason.....	33	43	61	135	161	6.40	11.42	8.75	18.50	1,338	1,809	2,484	5,226	6,242	62	68	80
<b>Mercer.....</b>	<b>100</b>	<b>126</b>	<b>163</b>	<b>418</b>	<b>451</b>	<b>4.99</b>	<b>11.96</b>	<b>8.23</b>	<b>7.89</b>	<b>1,476</b>	<b>1,947</b>	<b>2,581</b>	<b>6,121</b>	<b>6,558</b>	<b>69</b>	<b>70</b>	<b>84</b>
Mineral.....	36	50	63	127	143	5.63	9.59	7.49	12.85	1,624	2,130	2,648	4,941	5,558	76	72	71
Mingo.....	41	48	61	180	207	4.17	14.47	8.93	14.84	1,028	1,332	1,842	4,890	5,652	48	50	72
Monongalia.....	96	129	166	401	443	5.59	11.51	8.35	10.41	1,738	2,234	2,659	5,867	6,516	81	73	83
Monroe.....	12	16	24	51	57	7.50	10.32	8.83	11.65	997	1,447	2,149	4,151	4,387	46	59	56
Morgan.....	11	14	20	48	54	6.72	11.44	8.93	13.66	1,274	1,686	2,352	5,124	5,693	59	64	73
Nicholas.....	32	39	52	145	161	4.97	13.41	8.88	11.00	1,258	1,641	2,318	5,510	6,058	59	63	77
Ohio.....	146	187	227	438	480	4.47	8.70	6.45	9.74	2,146	2,892	3,604	7,349	8,101	100	98	103
Pendleton.....	7	7	13	30	33	5.91	10.69	8.15	12.26	927	991	1,893	3,993	4,358	43	52	56
Pleasants.....	9	12	18	47	53	7.51	12.46	9.83	13.41	1,254	1,684	2,475	5,882	6,720	58	67	86
Pocahontas.....	10	13	17	39	49	5.54	12.65	8.85	25.11	975	1,361	1,913	4,374	5,271	45	52	67
Preston.....	32	41	54	141	159	5.53	12.74	8.89	12.77	1,163	1,564	2,157	5,091	5,606	54	59	72
Putnam.....	34	51	75	203	225	8.17	12.96	10.42	10.55	1,456	2,042	2,647	6,151	6,670	68	72	85
Raleigh.....	106	129	169	512	574	4.76	14.55	9.29	11.97	1,367	1,813	2,404	6,218	6,907	64	66	88
Randolph.....	32	40	55	140	154	5.47	12.21	8.61	10.37	1,220	1,540	2,241	5,246	5,792	57	61	74
Ritchie.....	12	16	23	51	61	6.55	11.54	8.88	17.84	1,108	1,499	2,186	4,939	5,851	52	60	75
Roane.....	17	21	27	70	78	5.05	12.49	8.51	11.39	1,060	1,357	1,894	4,567	5,117	49	52	65
Summers.....	16	19	27	65	73	5.18	11.56	8.16	10.95	1,049	1,285	2,036	4,436	4,886	49	56	62
Taylor.....	20	24	32	76	83	5.02	11.08	7.84	8.95	1,322	1,660	2,224	4,871	5,455			

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years 1—Continued

Area title	Total personal income									Per capita personal income							
	Millions of dollars					Average annual rate of growth				Dollars					Percent of U.S. average		
	1959	1965	1969	1977	1978	1959-69	1969-78	1959-78	1977-78	1959	1965	1969	1977	1978	1959	1969	1978
Clark	44	56	78	167	187	5.99	10.21	7.97	11.78	1,403	1,764	2,514	5,183	5,703	65	69	73
Columbia	69	96	131	272	294	6.60	9.42	7.93	8.08	1,908	2,530	3,311	6,454	6,918	89	90	88
Crawford	22	27	37	78	85	5.14	9.66	7.26	9.46	1,395	1,599	2,362	4,721	5,140	65	64	66
Dane	549	772	1,084	2,290	2,554	7.03	9.99	8.42	11.53	2,512	2,987	3,875	7,318	8,005	117	106	102
Dodge	108	152	210	458	514	6.90	10.47	8.57	12.20	1,732	2,301	3,058	6,255	6,956	81	83	89
Door	36	47	59	150	176	5.16	12.93	8.77	16.91	1,746	2,335	2,886	6,225	7,193	81	79	92
Douglas	68	93	127	255	287	6.41	9.53	7.88	12.61	1,535	2,069	2,757	5,694	6,354	72	75	81
Dunn	34	47	71	161	178	7.70	10.70	9.11	10.45	1,321	1,689	2,473	4,986	5,386	62	67	69
Eau Claire	116	154	228	449	500	6.97	9.10	7.97	11.46	2,029	2,579	3,519	6,065	6,675	95	96	85
Florence	4	6	7	18	20	6.48	11.48	8.82	12.32	1,181	1,651	2,225	4,436	4,599	55	61	59
Fond du Lac	149	209	284	565	627	6.64	9.21	7.85	10.98	2,018	2,620	3,422	6,384	7,004	94	93	89
Forest	9	11	15	35	38	5.63	10.64	7.98	8.76	1,189	1,435	1,971	4,061	4,251	55	54	54
Grant	62	90	107	299	324	8.35	10.02	9.13	8.44	1,408	1,899	2,836	5,826	6,271	66	77	80
Green	49	70	131	211	235	7.61	9.80	8.64	11.41	1,914	2,674	3,792	7,288	8,009	89	103	102
Green Lake	30	41	58	118	131	6.93	9.46	8.13	11.47	1,963	2,566	3,456	6,740	7,491	92	94	96
Iowa	29	39	58	104	114	7.07	7.83	7.43	9.29	1,505	1,951	2,983	5,300	5,844	70	81	75
Iron	12	12	15	32	36	2.69	10.12	6.15	10.66	1,497	1,863	2,292	4,726	5,256	70	63	67
Jackson	20	25	37	87	94	6.46	10.88	8.53	8.79	1,337	1,615	2,412	5,385	5,863	62	66	75
Jefferson	104	147	201	418	468	6.85	9.83	8.25	12.00	2,104	2,622	3,411	6,434	7,158	98	93	91
Juneau	26	36	51	104	116	7.18	9.40	8.22	11.65	1,495	2,008	2,786	5,312	6,007	70	76	77
Kenosha	241	323	407	883	1,006	5.39	10.59	7.82	13.96	2,429	2,700	3,448	7,190	8,139	113	94	104
Kewaunee	28	37	54	112	127	6.74	9.99	8.27	13.76	1,562	1,900	2,810	5,524	6,420	73	77	82
La Crosse	141	194	258	560	633	6.21	10.50	8.22	13.02	1,980	2,576	3,217	6,355	7,056	92	88	90
Lafayette	24	36	51	107	115	8.04	9.43	8.69	7.88	1,325	1,886	2,857	5,920	6,399	62	78	82
Langlade	27	38	46	97	107	5.37	9.98	7.53	11.02	1,378	1,701	2,301	4,926	5,566	64	63	71
Lincoln	36	46	62	140	157	5.49	10.95	8.04	12.33	1,645	1,895	2,593	5,468	6,046	77	71	77
Manitowoc	140	193	260	524	587	6.39	9.45	7.83	11.92	1,892	2,418	3,158	6,345	7,063	88	86	90
Marathon	148	205	283	661	746	7.07	10.92	8.88	12.80	1,693	2,194	3,031	6,188	6,869	79	83	88
Marinette	54	71	93	210	240	5.47	11.14	8.12	14.30	1,504	1,998	2,595	5,370	6,125	74	71	78
Marquette	12	18	23	54	60	6.60	11.06	8.69	10.74	1,475	2,041	2,650	5,083	5,378	69	72	69
Milwaukee	2,684	3,455	4,373	7,761	8,573	5.00	7.77	6.90	10.47	2,631	3,247	4,139	7,755	8,730	123	113	111
Monroe	42	62	87	185	205	7.42	10.07	8.67	11.00	1,376	1,921	2,695	5,488	6,061	64	73	77
Oconto	35	45	61	146	162	5.62	11.43	8.34	11.41	1,433	1,716	2,369	5,268	5,684	67	65	73
Oneida	37	52	70	173	194	6.43	12.05	9.05	12.22	1,718	2,220	2,869	5,880	6,379	80	78	81
Outagamie	212	292	408	865	966	6.74	10.07	8.30	11.69	2,119	2,640	3,496	6,780	7,490	99	95	96
Ozaukee	106	162	230	572	647	8.11	12.16	10.01	13.22	2,790	3,670	4,389	8,369	9,334	130	120	119
Pepin	10	14	19	37	41	6.57	9.12	7.77	10.04	1,370	1,866	2,499	4,885	5,432	64	68	69
Pierce	35	51	80	175	195	8.60	10.43	9.46	11.41	1,576	1,953	3,082	5,770	6,433	73	83	82
Polk	37	53	75	164	188	7.23	10.85	8.93	14.75	1,508	1,941	2,749	5,377	6,014	70	75	77
Portage	63	93	125	308	345	7.10	11.91	9.35	12.04	1,734	2,205	2,745	5,690	6,250	81	75	80
Price	20	27	35	77	88	5.72	10.89	8.14	14.88	1,406	1,819	2,361	4,938	5,712	66	64	73
Racine	355	479	636	1,270	1,433	6.63	9.45	7.95	12.79	2,398	2,884	3,737	7,210	8,002	112	102	103
Richland	23	31	44	92	100	6.64	9.53	8.00	9.51	1,335	1,746	2,616	5,606	5,929	62	71	76
Rock	248	356	479	961	1,070	6.79	9.35	8.00	11.32	2,212	2,906	3,690	7,173	7,960	103	101	102
Rusk	18	22	29	69	79	4.69	11.85	8.02	13.88	1,254	1,573	2,000	4,606	5,229	58	55	67
St. Croix	48	67	102	236	268	7.86	11.36	9.51	13.46	1,603	2,105	3,014	5,854	6,477	78	82	83
Sauk	59	87	139	258	287	8.91	8.43	8.68	11.25	1,656	2,314	3,025	6,350	7,060	77	99	90
Sawyer	11	16	21	52	59	6.15	12.21	8.98	12.36	1,225	1,608	2,214	4,406	4,986	57	58	64
Shelby	185	248	344	693	786	6.40	9.64	7.92	13.45	2,170	2,698	3,597	6,891	7,763	101	98	99
Taylor	19	27	37	93	109	6.76	12.75	9.56	17.25	1,097	1,454	2,113	4,850	5,595	51	58	71
Trempealeau	33	44	62	139	150	6.58	10.32	8.34	7.79	1,426	1,850	2,617	5,652	6,078	66	71	78
Vernon	31	42	60	130	144	6.92	10.24	8.48	11.02	1,213	1,686	2,400	5,108	5,692	57	65	73
Vilas	14	21	27	74	85	6.72	13.81	10.02	14.54	1,508	2,134	2,483	5,107	5,453	70	68	70
Walworth	108	152	207	427	480	6.77	9.76	8.18	12.26	2,088	2,554	3,332	6,274	6,902	97	91	88
Washington	14	19	26	64	69	6.01	11.54	8.59	7.02	1,414	1,817	2,395	4,909	5,237	66	65	67
Waukesha	102	156	234	561	648	8.59	12.00	10.19	15.61	2,257	2,924	3,770	8,988	9,732	105	103	99
Waupaca	471	670	957	2,236	2,583	7.35	11.66	9.37	15.52	3,023	3,480	4,268	8,312	9,162	141	116	117
Waupesa	59	81	111	231	257	6.56	9.80	8.09	11.15	1,686	2,107	2,898	5,558	6,187	79	79	79
Waushara	20	30	38	88	100	6.59	11.24	8.77	13.52	1,522	2,098	2,567	5,286	6,033	71	70	77
Winnebago	244	339	461	922	1,030	6.58	9.34	7.88	11.69	2,294	2,875	3,627	6,985	7,772	107	99	99
Wood	119	157	210	466	526	5.84	10.76	8.14	12.89	2,042	2,554	3,306	6,647	7,398	95	90	94
Shawano (incl. Memominee)	46	60	84	194	216	6.10	11.14	8.45	11.66	1,369	1,585	2,259	5,089	5,560	64	62	71
Wyoming	695	867	1,121	3,077	3,679	4.90	14.12	9.17	19.57	2,171	2,612	3,407	7,579	8,687	101	93	111
Sum of SMSA counties	126	176	210	492	568	5.26	11.70	8.26	15.51	2,157	2,875	3,774	7,653	8,817	101	103	112
Sum of non-SMSA counties	569	691	911	2,585	3,111	4.82	14.62	9.35	20.34	2,174	2,552	3,332	7,565	8,663	101	91	110
Albany	40	53	67	158	182	5.30	11.68	8.27	15.42	1,950	2,147	2,583	5,566	6,330	91	70	81
Big Horn	22	24	28	62	75	2.63	11.59	6.78	21.72	1,869	2,172	2,779	5,208	6,100	87	76	78
Campbell	15	17	35	152	185	8.56	20.32	13.98	21.86	2,707	1,588	2,647	9,027	9,959	126	72	127
Carbon	32	37	49	141	170	4.27	14.77	9.12	20.42	2,233	2,590	3,747	7,771	8,915	104	102	114
Converse	12	14	20	75	99	5.55	19.41	11.90	31.99	1,900	2,293	3,434	7,096	8,048	89	94	103
Crook	8	9	14	35	43	6.03	13.26	9.40	24.95	1,726	1,942	3,101	6,567	7,627	80	85	97
Fremont	45	59	77	212	267	5.51	14.79	9.81	25.91	1,778	2,118	2,767	6,305	7,617	83	75	96
Goshen	20	25	29	73	82	3.60	12.47	7.71	12.82	1,729	2,180	2,659	6,003	6,888	81	73	88
Hot Springs	11	13	16	33	39	3.82	10.40	6.88	16.73	1,770	2,410	3,267	6,708	8,048	83	89	103
Johnson	10	13	18	40	50	5.96	11.87	8.72	25.								

# CURRENT BUSINESS STATISTICS

THE STATISTICS here update series published in the 1977 edition of BUSINESS STATISTICS, biennial statistical supplement to the SURVEY OF CURRENT BUSINESS. That volume (available from the Superintendent of Documents for \$6.25) provides a description of each series, references to sources of earlier figures, and historical data as follows: For all series, monthly or quarterly, 1973 through 1976 (1966-76 for major quarterly series), annually, 1947-76; for selected series, monthly or quarterly, 1947-76 (where available).

The sources of the data are given in the 1977 edition of BUSINESS STATISTICS; they appear in the main descriptive note for each series, and are also listed alphabetically on pages 181-182. Statistics originating in Government agencies are not copyrighted and may be reprinted freely. Data 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 1976 and descriptive notes are as shown in the 1977 edition of BUSINESS STATISTICS	1977	1978	1979	1977			1978				1979				1980	
	Annual total			II	III	IV	I	II	III	IV	I	II	III	IV	I	II
<b>GENERAL BUSINESS INDICATORS—Quarterly Series</b>																
<b>NEW PLANT AND EQUIPMENT EXPENDITURES</b>																
Unadjusted quarterly or annual totals:																
All industries .....	135.80	153.82	177.09	33.73	34.82	38.06	32.35	37.89	38.67	44.91	37.41	43.69	44.68	51.30	'42.45	'48.80
Manufacturing .....	60.16	67.62	78.92	14.84	15.60	17.19	13.67	16.76	16.89	20.30	15.88	19.08	20.11	23.84	18.84	22.20
Durable goods industries † .....	27.77	31.66	38.23	6.79	7.17	8.00	6.36	7.79	7.97	9.53	7.53	9.17	9.85	11.68	9.34	11.10
Nondurable goods industries † .....	32.39	35.96	40.69	8.06	8.43	9.18	7.31	8.97	8.92	10.77	8.35	9.92	10.26	12.17	9.50	11.10
Nonmanufacturing .....	75.64	86.19	98.17	18.88	19.21	20.87	18.68	21.13	21.78	24.61	21.53	24.61	24.57	27.46	23.61	26.60
Mining .....	4.50	4.78	5.56	1.16	1.17	1.15	1.07	1.22	1.24	1.26	1.31	1.36	1.38	1.52	1.53	1.52
Railroad .....	2.80	3.32	3.93	0.67	0.78	0.76	0.71	0.83	0.84	0.94	0.85	0.97	1.01	1.10	0.89	1.08
Air transportation .....	1.62	2.30	3.24	0.43	0.39	0.46	0.52	0.60	0.54	0.64	0.65	0.96	0.73	0.90	0.91	1.14
Other transportation .....	2.51	2.43	2.95	0.76	0.80	0.63	0.51	0.60	0.62	0.71	0.57	0.73	0.78	0.87	0.74	0.96
Public utilities .....	25.80	29.48	32.56	6.37	6.61	7.28	6.15	7.14	7.43	8.78	7.16	8.36	8.29	8.76	7.37	8.44
Electric .....	21.59	24.79	27.50	5.34	5.41	6.06	5.27	6.01	6.11	7.40	6.30	7.10	6.88	7.21	6.36	7.08
Gas and other .....	4.21	4.70	5.07	1.03	1.20	1.21	0.88	1.13	1.32	1.37	0.86	1.26	1.40	1.55	1.00	1.36
Communication .....	15.45	18.16	20.56	3.86	4.03	4.26	3.97	4.56	4.68	4.96	4.36	5.10	5.10	6.00	.....	.....
Commercial and other .....	22.97	25.71	29.35	5.64	5.73	6.33	5.76	6.18	6.43	7.34	6.64	7.12	7.28	8.31	*12.17	*13.45
Seas. adj. quarterly totals at annual rates:																
All industries .....	.....	.....	.....	134.24	140.38	138.11	144.25	150.76	155.41	163.96	165.94	173.48	179.33	186.95	'189.49	'193.83
Manufacturing .....	.....	.....	.....	59.46	63.02	61.41	61.57	67.20	67.75	73.24	71.56	76.42	80.22	85.19	85.80	89.02
Durable goods industries † .....	.....	.....	.....	27.26	29.23	28.19	28.72	31.40	32.25	33.99	34.00	36.86	39.72	41.30	42.60	44.63
Nondurable goods industries † .....	.....	.....	.....	32.19	33.79	33.22	32.86	35.80	35.50	39.26	37.56	39.56	40.50	43.88	43.21	44.38
Nonmanufacturing .....	.....	.....	.....	74.78	77.36	76.70	82.68	83.56	87.66	90.71	94.38	97.06	99.12	101.76	103.69	104.82
Mining .....	.....	.....	.....	4.49	4.74	4.50	4.45	4.81	4.99	4.98	5.46	5.31	5.42	6.06	6.49	5.97
Railroad .....	.....	.....	.....	2.57	3.20	2.80	3.35	3.09	3.38	3.49	4.02	3.66	4.03	4.20	4.08	4.08
Air transportation .....	.....	.....	.....	1.43	1.69	1.76	2.67	2.08	2.20	2.39	3.35	3.26	3.10	3.39	4.50	3.86
Other transportation .....	.....	.....	.....	2.96	1.96	2.32	2.44	2.23	2.47	2.55	2.71	2.79	3.16	3.15	3.42	3.64
Public utilities .....	.....	.....	.....	25.29	26.22	26.23	27.92	28.46	29.62	31.73	32.35	33.24	33.33	31.52	33.23	33.56
Electric .....	.....	.....	.....	21.14	21.90	22.05	23.15	23.83	24.92	26.95	27.70	28.06	28.32	26.02	27.94	27.96
Gas and other .....	.....	.....	.....	4.16	4.32	4.18	4.78	4.62	4.70	4.78	4.66	5.18	5.01	5.50	5.28	5.61
Communication .....	.....	.....	.....	15.32	16.40	15.82	17.07	18.18	18.90	18.46	18.75	20.29	20.41	22.71	.....	.....
Commercial and other .....	.....	.....	.....	22.73	23.14	23.27	24.76	24.71	26.09	27.12	27.73	28.51	29.66	30.72	*51.97	*63.71
<b>U.S. INTERNATIONAL TRANSACTIONS</b>																
Quarterly Data Are Seasonally Adjusted (Credits +; debits -)																
Exports of goods and services (excl. transfers under military grants) .....	184,592	221,019	286,312	46,914	46,897	45,935	48,987	54,346	56,263	61,423	64,941	67,818	74,752	78,800	.....	.....
Merchandise, adjusted, excl. military .....	120,816	142,054	182,074	31,075	30,558	29,665	30,713	35,388	36,532	39,421	41,435	42,890	47,235	50,514	.....	.....
Transfers under U.S. military agency sales contracts .....	7,441	7,744	7,236	1,851	1,877	1,860	1,924	1,990	2,120	1,709	2,036	1,806	1,717	1,678	.....	.....
Receipts of income on U.S. assets abroad .....	32,587	43,465	65,862	8,080	8,420	8,312	9,776	10,256	10,526	12,907	14,082	15,371	17,917	18,492	.....	.....
Other services .....	23,750	27,758	31,139	5,908	6,042	6,098	6,574	6,712	7,085	7,386	7,388	7,751	7,883	8,116	.....	.....
Imports of goods and services .....	-194,015	-229,400	-280,980	-48,087	-48,556	-50,207	-54,709	-56,496	-58,195	-60,004	-63,345	-67,265	-72,244	-78,129	.....	.....
Merchandise, adjusted, excl. military .....	-151,689	-175,813	-211,524	-37,639	-37,996	-38,869	-42,627	-43,332	-44,482	-45,372	-47,632	-50,299	-54,483	-59,110	.....	.....
Direct defense expenditures .....	-5,762	-7,252	-8,417	-1,444	-1,470	-1,503	-1,680	-1,753	-1,873	-1,948	-2,002	-2,023	-2,135	-2,258	.....	.....
Payments of income on foreign assets in the U.S. .....	-14,598	-21,820	-33,548	-3,519	-3,686	-4,201	-4,537	-5,402	-5,574	-6,308	-7,268	-7,987	-8,743	-9,580	.....	.....
Other services .....	-21,967	-24,517	-27,492	-5,485	-5,404	-5,634	-5,866	-6,009	-6,266	-6,376	-6,443	-6,986	-6,883	-7,181	.....	.....
Unilateral transfers (excl. military grants), net .....	-4,670	-5,086	-5,649	-1,283	-1,249	-1,023	-1,228	-1,313	-1,233	-1,314	-1,322	-1,363	-1,369	-1,594	.....	.....
U.S. Government grants (excl. military) .....	-2,775	-3,152	-3,488	-811	-774	-584	-765	-827	-770	-790	-805	-897	-872	-914	.....	.....
Other .....	-1,895	-1,934	-2,160	-472	-475	-459	-453	-486	-463	-524	-517	-466	-497	-680	.....	.....
U.S. assets abroad, net .....	-35,793	-60,957	-63,423	-12,272	-6,625	-15,213	-15,188	-5,466	-10,049	-30,254	-7,622	-16,152	-24,809	-14,839	.....	.....
U.S. official reserve assets, net .....	-375	732	-1,107	-24	112	-43	187	248	115	182	-3,585	343	2,779	-644	.....	.....
U.S. Gov't assets, other than official reserve assets, net .....	-3,693	-4,656	-3,780	-885	-1,001	-746	-1,009	-1,263	-1,390	-994	-1,094	-1,001	-763	-922	.....	.....
U.S. private assets, net .....	-31,725	-57,033	-58,536	-11,363	-5,736	-14,424	-14,366	-4,451	-8,774	-29,442	-2,943	-15,494	-26,825	-13,273	.....	.....
Direct investments abroad .....	-12,898	-16,670	-24,762	-3,873	-3,090	-3,570	-4,856	-4,386	-2,782	-4,646	-5,740	-7,267	-6,867	-4,887	.....	.....
Foreign assets in the U.S., net .....	50,823	63,713	33,902	14,002	14,236	19,991	18,175	941	15,358	29,239	1,476	6,057	24,289	2,079	.....	.....
Foreign official assets, net .....	36,656	33,758	-15,192	7,720	8,266	15,179	15,618	-5,265	4,641	18,764	-9,391	-10,043	5,745	-1,503	.....	.....
Other foreign assets, net .....	14,167	29,956	49,094	6,282	5,970	4,812	2,557	6,206	10,717	10,475	10,868	16,100	18,544	3,582	.....	.....
Direct investments in the U.S. .....	3,728	6,294	7,674	965	1,023	761	1,130	1,877	2,280	1,008	989	2,025	2,790	1,871	.....	.....
Allocation of special drawing rights .....	.....	.....	1,139	.....	.....	.....	.....	.....	.....	.....	1,139	.....	.....	.....	.....	.....
Statistical discrepancy .....	-937	10,711	28,699	726	-4,703	517	3,962	7,987	-2,144	910	4,732	10,904	-619	13,682	.....	.....
<b>Memoranda:</b>																
Balance on merchandise trade .....	-30,873	-33,759	-29,450	-6,564	-7,438	-9,204	-11,914	-7,944	-7,950	-5,951	-6,197	-7,409	-7,248	-8,596	.....	.....
Balance on goods and services .....	-9,423	-8,381	5,332	-1,173	-1,659	-4,272	-5,722	-2,150	-1,932	1,419	1,596	553	2,508	671	.....	.....
Balance on goods, services, and remittances .....	-11,317	-10,315	3,172	-1,645	-2,134	-4,731	-6,185	-2,636	-2,395	895	1,079	87	2,011	-9	.....	.....
Balance on current account .....	-14,092	-13,467	-317	-2,456	-2,908	-5,295	-6,950	-3,463	-3,165	105	274	-810	1,139	-923	.....	.....

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1976 and descriptive notes are as shown in the 1977 edition of BUSINESS STATISTICS	1978	1979	1979												1980		
	Annual	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.		
<b>GENERAL BUSINESS INDICATORS—Monthly Series</b>																	
<b>PERSONAL INCOME BY SOURCE †</b>																	
Seasonally adjusted, at annual rates: †																	
Total personal income..... bil. \$.	1,717.4	1,924.2	1,851.4	1,872.1	1,880.7	1,891.6	1,905.1	1,933.2	1,946.5	1,960.1	1,981.2	2,005.5	2,028.3	*2,046.5	*2,053.8	2,069.4	
Wage and salary disbursements, total..... do.....	1,103.3	1,227.6	1,188.5	1,202.3	1,205.9	1,210.8	1,220.5	1,229.8	1,236.5	1,247.9	1,257.4	1,271.3	1,282.9	*1,292.6	*1,301.0	1,309.8	
Commodity-producing industries, total..... do.....	387.4	435.2	422.9	429.4	428.6	432.1	434.5	437.5	436.6	440.8	443.8	446.5	453.1	*456.0	*459.8	460.2	
Manufacturing..... do.....	298.3	330.9	324.9	328.1	327.4	328.3	329.7	332.0	330.3	333.5	336.0	337.5	341.5	*343.9	*346.5	347.9	
Distributive industries..... do.....	269.4	300.8	290.9	294.0	293.3	295.3	298.8	300.8	304.3	307.1	308.7	314.0	314.5	*317.8	*319.0	321.2	
Service industries..... do.....	228.7	257.9	247.0	249.9	251.9	251.9	254.7	258.1	260.9	264.8	265.9	270.4	274.4	*276.1	*278.7	283.9	
Govt. and govt. enterprises..... do.....	217.8	233.7	227.7	229.0	232.1	231.6	232.6	233.5	234.8	235.2	239.1	240.3	240.9	*242.7	*243.6	244.4	
Other labor income..... do.....	106.5	122.7	116.0	117.4	118.9	120.3	121.8	123.3	124.9	126.4	128.0	129.6	131.2	132.8	134.4	136.0	
Proprietors' income: ‡																	
Farm..... do.....	27.7	32.8	34.2	35.3	34.3	33.5	33.4	32.8	31.0	28.8	31.0	33.0	33.4	31.3	28.3	25.7	
Nonfarm..... do.....	89.1	98.0	94.8	94.9	95.2	95.5	95.8	97.9	99.5	100.9	101.1	102.1	103.0	*103.9	*102.3	102.4	
Rental income of persons with capital consumption adjustment..... bil. \$.	25.9	26.9	27.3	27.4	26.0	27.1	27.2	27.3	27.3	25.0	26.8	27.0	27.2	27.2	26.6	27.2	
Dividends..... do.....	47.2	52.7	51.7	51.7	51.9	52.5	52.6	52.5	52.7	53.0	53.6	54.2	55.2	55.8	56.6	57.5	
Personal interest income..... do.....	163.3	192.1	181.0	183.3	185.8	187.5	189.4	191.8	194.4	197.1	200.7	205.4	210.3	*214.5	*218.0	221.2	
Transfer payments..... do.....	224.1	252.0	236.7	239.2	242.3	243.9	244.7	258.5	261.2	262.7	264.8	265.9	268.8	*275.0	*273.5	275.2	
Less: Personal contrib. for social insur. do.....	69.6	80.7	78.7	79.4	79.5	79.7	80.2	80.8	81.0	81.7	82.2	83.0	83.6	86.7	*86.9	85.7	
Total nonfarm income..... do.....	1,674.2	1,873.4	1,800.1	1,819.5	1,828.8	1,840.3	1,853.7	1,882.3	1,897.3	1,913.1	1,931.8	1,953.9	1,976.1	*1,995.9	*2,006.0	2,023.9	
<b>DISPOSITION OF PERSONAL INCOME *</b>																	
Seasonally adjusted, at annual rates:																	
Total personal income..... bil. \$.	1,717.4	1,924.2	1,851.4	1,872.1	1,880.7	1,891.6	1,905.1	1,933.2	1,946.5	1,960.1	1,981.2	2,005.5	2,028.3	*2,046.5	*2,053.8	2,069.4	
Less: Personal tax and nontax payments..... do.....	259.0	299.9	280.3	284.1	285.9	290.1	296.2	301.6	306.0	312.2	316.1	322.4	327.2	*318.5	*319.3	322.3	
Equals: Disposable personal income..... do.....	1,458.4	1,624.3	1,571.1	1,588.1	1,594.8	1,601.5	1,609.0	1,631.6	1,640.4	1,647.9	1,665.1	1,683.1	1,701.1	*1,728.0	*1,734.5	1,747.1	
Less: Personal outlays..... do.....	1,386.4	1,550.5	1,492.6	1,513.2	1,508.4	1,520.0	1,519.1	1,543.3	1,569.0	1,596.9	1,602.5	1,623.5	1,644.2	*1,669.0	*1,676.5	1,687.3	
Personal consumption expenditures..... do.....	1,350.8	1,509.8	1,454.0	1,474.2	1,468.9	1,480.0	1,479.0	1,502.7	1,527.9	1,555.2	1,560.4	1,580.1	1,600.7	*1,626.0	*1,633.0	1,643.4	
Durable goods..... do.....	200.3	213.0	211.8	218.2	211.3	212.9	201.9	207.4	213.6	219.0	214.3	215.8	218.4	*228.6	*220.7	216.0	
Nondurable goods..... do.....	530.6	596.9	571.7	578.8	578.1	581.7	583.8	591.8	602.3	619.8	618.0	631.5	642.8	*649.1	*652.0	657.8	
Services..... do.....	619.8	699.9	670.5	677.1	679.4	685.4	693.3	703.4	712.0	716.3	728.2	732.8	739.5	*748.3	*760.3	769.5	
Interest paid by consumers to business..... do.....	34.8	39.6	37.6	37.9	38.5	39.1	39.4	39.8	40.2	40.8	41.1	41.6	41.7	42.0	42.5	42.9	
Personal transfer payments to foreigners (net)..... do.....	0.8	1.1	1.1	1.1	1.0	0.9	0.8	0.8	0.9	1.0	1.0	1.8	1.8	1.0	1.0	1.0	
Equals: personal saving..... do.....	72.0	73.8	78.5	74.8	86.4	81.5	89.8	88.3	71.5	51.0	62.5	59.7	57.0	*59.0	*58.0	59.8	
Personal saving as percentage of disposable personal income §..... percent.	4.9	4.6	5.0	5.0	5.1	5.4	5.4	5.1	4.3	3.7	3.5	3.5	3.4	3.4	3.4	.....	
Disposable personal income in constant (1972) dollars..... bil. \$.	972.5	994.8	995.2	998.6	995.7	993.2	990.2	996.6	994.2	989.6	992.9	996.9	998.7	*1,004.0	997.0	.....	
Personal consumption expenditures in constant (1972) dollars..... do.....	900.8	924.5	921.0	927.0	917.1	917.8	910.2	917.9	926.0	933.9	930.5	935.9	939.7	*944.7	*938.7	.....	
Durable goods..... do.....	146.7	147.1	148.8	152.2	146.7	147.4	140.4	143.5	147.1	150.0	146.7	146.4	146.9	*152.0	*145.5	.....	
Nondurable goods..... do.....	343.3	349.1	348.1	348.7	344.8	344.8	342.7	344.7	348.5	354.3	350.6	356.5	358.2	*357.0	*354.2	.....	
Services..... do.....	410.8	428.3	424.0	426.2	425.6	425.6	427.1	429.6	430.4	429.6	433.2	432.9	434.7	*435.7	*439.0	.....	
Implicit price deflator for personal consumption expenditures..... index, 1972=100.	150.0	163.3	157.9	159.0	160.2	161.3	162.5	163.7	165.0	166.5	167.7	168.8	170.3	172.1	174.0	.....	
<b>INDUSTRIAL PRODUCTION ¶</b>																	
<i>Federal Reserve Board Index of Quantity Output</i>																	
<b>Not Seasonally Adjusted</b>																	
Total index..... 1967=100.	146.1	152.2	152.3	154.0	151.1	152.5	156.5	148.7	152.3	156.8	155.7	152.2	147.4	*148.1	*152.3	*151.8	
By market groupings:																	
Products, total..... do.....	144.8	149.7	149.4	150.8	147.5	149.3	154.4	146.8	150.8	157.0	154.4	149.5	*143.7	*144.4	*149.5	*148.6	
Final products..... do.....	142.2	147.0	147.1	148.7	144.3	146.3	151.7	143.5	147.0	154.5	151.6	146.6	*141.0	*142.6	*147.7	*147.1	
Consumer goods..... do.....	149.1	150.5	151.7	153.4	148.3	150.2	156.7	145.9	151.4	159.4	156.1	148.2	139.6	*142.9	*148.9	*147.9	
Durable consumer goods..... do.....	159.2	155.5	166.5	169.5	157.2	164.7	166.0	141.8	138.0	157.9	162.3	150.3	*136.9	*137.3	*148.7	*147.0	
Nondurable consumer goods..... do.....	145.1	148.5	145.8	147.0	144.8	144.5	153.0	147.5	156.7	159.9	153.6	147.3	*140.7	*145.1	*149.0	*148.2	
Equipment..... do.....	132.6	142.2	140.8	142.2	138.8	141.0	144.7	140.3	140.9	147.8	145.3	144.5	*143.0	*142.2	*146.6	*146.0	
Intermediate products..... do.....	154.1	160.0	157.8	158.8	159.3	160.1	164.3	158.8	165.3	166.3	164.9	160.1	*153.5	*151.3	*155.1	*154.4	
Materials..... do.....	148.3	156.0	156.9	158.8	156.8	157.6	159.9	151.6	154.4	156.6	157.8	156.6	153.3	*153.7	*156.7	*156.7	
By industry groupings:																	
Mining and utilities..... do.....	141.7	144.5	148.2	142.6	139.5	137.5	141.5	144.8	149.0	146.1	142.9	144.6	*148.7	*153.7	*153.6	*148.1	
Manufacturing..... do.....	146.8	153.2	152.9	155.6	152.7	154.6	158.6	149.2	152.8	158.2	157.5	153.3	*147.2	*147.3	*152.1	*152.4	
Nondurable manufactures..... do.....	156.9	163.3	159.7	162.8	161.9	162.5	167.9	159.6	168.8	171.9	170.1	165.1	*156.4	*158.1	*162.5	*162.9	
Durable manufactures..... do.....	139.7	146.3	148.2	150.6	146.3	149.1	152.2	142.1	141.7	148.9	148.8	145.2	*140.9	*139.9	*144.9	*144.4	
<b>Seasonally Adjusted</b>																	
Total index..... do.....	146.1	152.2	152.0	153.0	150.8	152.4	152.6	152.8	151.6	152.4	152.2	152.1	152.2	152.7	*152.4	*151.2	
By market groupings:																	
Products, total..... do.....	144.8	149.7	149.9	150.8	148.4	150.3	150.2	149.7	148.7	149.9	149.6	149.4	149.7	*150.2	*150.3	*149.1	
Final products..... do.....	142.2	147.0	146.8	148.2	145.4	147.8	147.6	147.1	145.6	147.2	146.8	146.6	*147.0	*147.3	*147.9	*147.2	
Consumer goods..... do.....	149.1	150.5	151.5	152.9	149.1	152.0	151.8	150.8	148.2	149.7	149.7	148.9	*148.5	*148.5	*149.3	*148.1	
Durable consumer goods..... do.....	159.2	155.5	161.1	163.6	151.6	160.5	158.6	157.2	147.5	151.8	152.6	149.2	*146.6	142.4	*145.0	*142.9	
Automotive products..... do.....	179.9	167.7	179.3	186.8	163.0	182.7	175.9	170.3	147.3	157.6	159.2	150.6	*141.8	*131.8	*143.0	*141.5	
Autos and utility vehicles..... do.....	172.5	154.3	170.3	178.8	147.4	176.3	167.4	155.6	125.1	139.7	142.4	131.0	121.4	*108.7	*124.9	*123.0	
Autos..... do.....	148.6	136.7	144.9	153.8	128.6	153.1	148.0	141.8	118.5	128.0	129.0	118.3	110.2	98.0	*116.8	*114.9	
Auto parts and allied goods..... do.....	198.5	201.6	202.2	207.2	202.7	199.0	197.5	207.8	203.7	203.0	202.1	200.3	*193.6	*190.3	*189.0	*188.5	
Home goods..... do.....	147.7	148.7	150.9	150.6	145.2	148.1	148.8	149.8	147.7	148.5	148.8	148.4	*149.3	*148.4	*146.2	*143.7	
Appliances, air cond., and TV..... do.....	133.3	127.5	129.8	128.4	115.6	128.4	129.3	129.									

	1978	1979	1979										1980		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.

**GENERAL BUSINESS INDICATORS—Continued**

<b>INDUSTRIAL PRODUCTION —Continued</b>																	
<b>Seasonally Adjusted—Continued</b>																	
By market groupings—Continued																	
Intermediate products	1967=100	154.1	160.0	161.4	160.4	159.7	159.5	159.5	159.4	160.6	159.8	159.8	159.8	*159.9	*160.7	*159.2	*156.1
Construction supplies	do.	151.7	*156.9	159.3	157.1	156.0	156.4	156.3	156.4	157.3	156.3	156.8	156.7	156.7	*156.6	*153.7	*148.2
Business supplies	do.	156.5	*163.1	163.6	163.8	163.2	162.5	162.6	162.4	163.8	163.2	162.7	162.9	*163.8	*164.8	*164.7	.....
<b>Materials</b>	do.	148.3	156.0	155.2	156.3	154.5	155.7	156.5	157.6	156.0	156.3	156.3	156.4	*156.2	*156.7	*155.5	*154.5
Durable goods materials #	do.	149.0	157.8	158.0	159.2	155.7	157.9	159.5	160.7	157.7	157.6	157.2	156.0	*155.6	*156.0	*154.6	*153.0
Durable consumer parts	do.	140.8	137.1	146.0	145.8	136.9	142.5	141.8	138.5	129.7	132.2	132.0	126.8	*123.8	*121.6	*121.4	*119.6
Equipment parts	do.	166.5	189.9	184.4	186.8	187.0	188.0	191.0	192.1	190.7	192.0	192.7	195.1	196.6	*200.0	*199.5	*199.5
Nondurable goods materials #	do.	165.6	174.9	172.4	173.1	173.0	173.8	174.0	174.6	175.8	176.7	177.2	178.3	*179.5	*180.2	*178.8	*177.6
Textile, paper, and chemical	do.	171.8	182.9	179.6	180.1	180.7	181.5	181.7	182.8	184.3	185.9	186.1	186.7	*187.8	*187.9	*186.2	*185.5
Energy materials	do.	125.3	128.4	127.1	128.7	128.4	127.7	128.3	129.1	127.7	128.1	128.5	130.1	*128.7	*129.3	*129.1	*129.5
<b>By industry groupings:</b>																	
Mining and utilities	do.	141.7	144.5	143.0	143.5	143.8	143.4	143.0	143.7	144.9	144.5	146.0	147.7	*148.3	*148.6	*148.9	*149.1
<b>Mining</b>	do.	124.0	125.3	120.9	122.3	122.7	122.8	123.9	124.7	126.4	125.8	128.1	*130.0	*131.6	*133.0	*132.5	*132.6
Metal mining	do.	121.0	126.8	125.3	126.9	128.9	123.1	123.2	128.6	126.5	122.1	124.1	132.0	*136.8	*137.2	*135.8	.....
Coal	do.	114.7	133.6	104.5	124.0	130.1	133.4	137.5	137.1	144.1	142.6	144.7	141.9	*145.0	*141.0	*137.3	*137.2
Oil and gas extraction #	do.	124.6	121.7	120.4	119.3	118.6	118.6	119.6	120.4	121.6	121.6	124.2	126.0	*127.2	*129.3	*129.2	*130.0
Crude oil	do.	96.9	94.5	94.2	95.3	95.3	93.9	94.8	95.0	93.3	93.2	94.6	95.2	*94.6	*95.2	*94.2	.....
Natural gas	do.	108.6	109.3	110.8	108.3	108.4	108.9	108.3	105.7	108.2	108.9	110.7	112.0	110.9	.....	.....	.....
Stone and earth minerals	do.	131.2	137.6	135.7	135.6	135.3	137.8	137.3	136.4	138.3	137.5	138.2	141.2	*141.0	*144.3	*145.5	.....
<b>Utilities</b>	do.	161.4	166.1	167.7	167.1	167.4	166.5	164.2	164.8	165.5	165.3	166.1	167.4	*167.0	*166.0	*167.1	*167.6
Electric	do.	182.2	185.8	189.9	188.8	189.0	186.4	182.4	182.2	183.6	184.1	184.3	185.7	186.0	.....	.....	.....
<b>Manufacturing</b>	do.	146.8	152.3	153.3	154.5	151.6	153.8	153.9	154.1	152.4	153.5	153.2	153.0	*152.8	*153.3	*152.9	*151.6
Nondurable manufactures	do.	156.9	163.3	162.0	163.0	161.7	162.8	163.0	164.1	164.3	164.6	164.0	164.5	*164.7	*165.8	*165.3	*164.3
<b>Foods</b>	do.	142.7	147.9	145.5	147.6	147.0	149.2	149.5	149.4	148.1	148.8	148.6	148.3	*148.9	*150.7	*151.3	.....
Tobacco products	do.	118.3	117.1	116.2	123.3	120.0	120.2	118.3	118.9	107.5	116.4	115.6	113.0	*116.6	118.7	.....	.....
Textile mill products	do.	137.5	143.8	139.9	142.3	141.2	141.5	144.6	143.0	144.1	146.9	146.0	147.9	147.1	*148.7	.....	.....
Apparel products	do.	134.2	130.7	133.5	136.5	130.8	128.2	132.0	129.7	130.1	131.2	128.5	128.8	128.3	126.9	.....	.....
Paper and products	do.	144.8	150.8	146.6	149.0	148.7	147.9	148.0	154.0	153.9	155.3	154.1	153.3	154.7	*155.9	*150.8	*149.6
Printing and publishing	do.	131.5	136.9	138.2	137.3	135.7	136.8	136.9	135.6	137.7	137.1	137.2	136.2	137.8	*138.9	*140.0	*139.7
Chemicals and products	do.	197.4	210.4	206.6	207.4	207.7	207.8	210.5	213.1	213.0	212.0	211.4	215.1	*216.5	*216.8	*216.8	*216.8
Petroleum products	do.	145.2	143.6	146.0	143.8	145.4	142.4	143.9	143.0	143.1	141.1	142.1	142.1	*142.6	*145.7	*145.6	*141.3
Rubber and plastics products	do.	253.6	270.0	267.5	270.4	265.5	270.0	270.0	278.0	275.7	272.9	274.5	271.3	*262.3	*262.4	*259.8	*259.8
Leather and products	do.	73.8	71.3	73.4	72.9	69.6	72.3	70.1	69.7	69.7	70.8	70.1	70.4	71.2	*73.2	*71.6	.....
<b>Durable manufactures</b>	do.	139.7	146.3	147.2	148.6	144.6	147.6	147.6	147.2	144.2	145.9	145.7	145.0	*144.5	*144.7	*144.3	*142.9
Ordinance, pvt. and govt.	do.	73.7	75.5	75.8	75.4	75.1	75.3	75.1	74.6	74.9	75.3	75.3	77.0	*77.0	*76.6	*76.6	*76.5
Lumber and products	do.	136.3	136.9	137.2	137.7	137.2	136.1	136.8	135.2	138.0	138.6	138.7	136.1	131.7	*130.6	*125.7	*125.7
Furniture and fixtures	do.	155.8	161.4	163.1	163.5	159.4	159.6	159.6	159.5	161.7	162.0	163.3	162.9	161.0	*161.0	*158.7	.....
Clay, glass, and stone products	do.	157.2	163.3	166.9	164.9	161.2	163.8	162.7	163.3	161.4	160.6	162.3	162.8	164.4	*164.9	*164.9	*162.2
Primary metals	do.	119.9	121.2	120.4	123.7	121.7	121.0	124.3	127.1	121.0	121.7	118.0	117.2	115.4	*115.9	*112.4	*109.6
Iron and steel	do.	113.2	113.2	110.8	116.2	115.8	114.3	118.1	119.0	112.0	115.0	108.2	108.0	106.6	*107.2	*103.9	.....
Nonferrous metals	do.	131.9	135.6	138.8	137.7	131.4	132.6	135.6	146.2	137.8	132.3	134.8	132.3	131.0	*132.1	*126.9	.....
Fabricated metal products	do.	141.6	148.5	150.8	150.2	148.8	150.3	149.3	149.3	147.6	146.5	147.5	146.9	*146.1	*145.1	*144.4	*144.4
Nonelectrical machinery	do.	153.6	163.6	162.9	164.0	161.8	164.3	164.5	165.3	166.2	165.1	162.3	162.8	162.9	*167.1	*166.4	*165.8
Electrical machinery	do.	159.4	175.0	173.2	174.2	170.6	174.7	175.1	174.4	171.7	176.7	177.3	179.5	181.2	*182.0	*180.9	*180.0
<b>Transportation equipment</b>	do.	132.5	135.3	139.9	143.7	131.6	141.9	139.4	135.5	124.7	131.7	133.7	128.2	*125.9	*122.5	*127.0	*125.0
Motor vehicles and parts	do.	169.9	160.0	173.1	179.7	156.0	176.3	169.6	160.2	138.5	150.6	150.6	139.9	*135.4	*127.9	*137.0	*132.9
Instruments	do.	167.1	174.9	176.0	177.3	176.3	174.7	175.9	174.0	173.9	172.9	175.0	173.3	175.0	*176.0	*175.5	*176.7
<b>BUSINESS SALES</b>																	
Mfg. and trade sales (unadj.), total †	mil. \$.	3,051,568	3,461,382	258,981	294,750	279,075	296,120	296,460	277,415	297,030	294,600	309,168	301,377	306,596	286,311	298,980	.....
Mfg. and trade sales (seas. adj.), total †	do.	*3,051,568	*3,461,382	275,088	285,205	276,134	286,918	283,682	289,629	292,991	296,362	298,623	298,969	302,481	*312,562	310,540	.....
<b>Manufacturing, total †</b>	do.	*1,496,573	*1,692,001	135,962	142,503	134,126	142,288	138,960	141,730	142,532	143,201	145,551	144,141	146,384	*151,920	152,633	.....
Durable goods industries	do.	798,057	887,777	73,646	76,855	70,996	75,698	72,629	73,585	74,416	74,012	75,570	73,657	74,118	*77,817	79,405	.....
Nondurable goods industries	do.	698,515	804,224	62,316	65,648	63,130	66,590	66,331	68,145	68,116	69,189	69,981	70,484	72,266	*74,103	73,228	.....
<b>Retail trade, total</b>	do.	*800,890	*886,047	71,266	72,045	71,606	72,292	72,093	73,121	74,871	76,666	75,583	76,421	77,150	*79,464	78,209	.....
Durable goods stores	do.	281,491	308,156	25,367	25,705	25,129	25,319	24,718	25,247	26,137	27,048	25,656	25,679	25,943	*27,268	26,584	.....
Nondurable goods stores	do.	519,399	577,891	45,899	46,340	46,477	46,973	47,375	47,874	48,734	49,618	49,927	50,742	51,207	*52,196	51,625	.....
<b>Merchant wholesalers, total</b>	do.	*754,105	*883,334	67,860	70,657	70,402	72,338	72,629	74,778	75,588	76,495	77,489	78,407	78,947	*81,178	79,698	.....
Durable goods establishments	do.	349,916	404,288	31,812	33,319	32,713	33,177	33,078	34,103	34,509	34,079	35,267	35,171	35,407	*36,848	36,667	.....
Nondurable goods establishments	do.	404,189	479,046	36,048	37,338	37,689	39,161	39,551	40,675	41,079	42,416	42,222	43,236	43,540	*44,330	43,031	.....
<b>Mfg. and trade sales in constant (1972) dollars</b>																	
(seas. adj.), total *	bil. \$.	.....	.....	160.5</													



Unless otherwise stated in footnotes below, data through 1976 and descriptive notes are as shown in the 1977 edition of BUSINESS STATISTICS	1978	1979	1979												1980		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
<b>GENERAL BUSINESS INDICATORS—Continued</b>																	
<b>BUSINESS INVENTORY-SALES RATIOS</b>																	
Manufacturing and trade, total † .....	ratio..	1.41	1.41	1.41	1.38	1.44	1.40	1.44	1.43	1.43	1.41	1.42	*1.42	1.41	1.38	1.40	
Manufacturing, total † .....	do...	1.52	1.52	1.50	1.44	1.56	1.48	1.54	1.53	1.54	1.55	1.54	1.57	1.56	1.53	1.54	
Durable goods industries .....	do...	1.84	1.91	1.82	1.76	1.94	1.84	1.95	1.95	1.95	1.97	1.96	2.04	2.04	1.98	1.95	
Materials and supplies .....	do...	0.60	0.61	0.58	0.57	0.62	0.59	0.62	0.62	0.62	0.63	0.63	0.66	0.66	0.64	0.63	
Work in process .....	do...	0.77	0.82	0.78	0.75	0.83	0.79	0.85	0.84	0.84	0.86	0.86	0.90	0.90	0.87	0.86	
Finished goods .....	do...	0.47	0.47	0.46	0.44	0.49	0.46	0.49	0.49	0.48	0.48	0.47	0.49	0.48	0.47	0.46	
Nondurable goods industries .....	do...	1.14	1.08	1.12	1.07	1.13	1.07	1.10	1.07	1.09	1.09	1.08	1.08	1.06	1.08	1.08	
Materials and supplies .....	do...	0.44	0.42	0.44	0.42	0.44	0.42	0.43	0.42	0.43	0.42	0.42	0.43	0.42	0.42	0.43	
Work in process .....	do...	0.18	0.17	0.18	0.17	0.18	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.16	0.16	0.17	
Finished goods .....	do...	0.52	0.49	0.50	0.48	0.51	0.48	0.50	0.49	0.49	0.49	0.48	0.48	0.48	0.48	0.49	
Retail trade, total .....	do...	*1.43	*1.45	1.44	*1.43	1.46	1.47	1.49	*1.50	*1.47	*1.42	*1.46	*1.44	*1.41	1.36	1.39	
Durable goods stores .....	do...	1.98	2.08	2.02	2.01	2.09	2.12	2.20	2.21	2.14	2.00	2.13	2.12	2.05	1.91	1.97	
Nondurable goods stores .....	do...	1.14	1.11	1.12	1.12	*1.12	1.12	1.12	*1.13	*1.11	*1.10	*1.12	*1.10	*1.09	1.08	1.09	
Merchant wholesalers, total .....	do...	1.19	1.22	1.18	1.20	1.17	1.18	1.17	1.17	1.17	1.16	1.15	1.14	1.14	1.12	1.15	
Durable goods establishments .....	do...	1.67	1.69	1.62	1.66	1.65	1.65	1.64	1.64	1.66	1.62	1.62	1.62	1.62	*1.58	1.59	
Nondurable goods establishments .....	do...	0.78	0.81	0.79	0.80	0.77	0.78	0.78	0.78	0.78	0.75	0.76	0.74	0.75	*0.74	0.77	
Manufacturing and trade in constant (1972) dollars, total * .....	do...			1.57	1.53	1.60	1.56	1.60	1.61	1.60	1.59	1.60	1.61	1.60	1.58	1.60	
Manufacturing * .....	do...			1.78	1.72	1.86	1.78	1.84	1.84	1.86	1.87	1.87	1.91	1.90	*1.87	1.88	
Retail trade * .....	do...			1.38	1.38	1.41	1.42	1.45	1.46	1.42	1.37	1.41	1.40	1.38	*1.35	1.37	
Merchant wholesalers * .....	do...			1.35	1.30	1.33	1.30	1.31	1.31	1.31	1.31	1.30	1.29	1.30	1.28	1.31	
<b>MANUFACTURERS' SALES, INVENTORIES, AND ORDERS</b>																	
<b>Manufacturers' export sales:</b>																	
Durable goods industries:																	
Unadjusted, total .....	mil. \$.	76,257	82,988	6,588	7,604	6,806	6,999	7,034	6,702	6,697	7,270	7,220	6,899	7,018	6,149	7,550	
Seasonally adj., total .....	do...			6,462	7,148	6,650	6,834	6,430	7,601	7,484	7,388	6,984	6,785	6,755	6,996	7,395	
Shipments (not seas. adj.), total † .....	do...	1,496,573	1,692,001	136,570	148,034	137,558	144,304	147,053	131,605	140,375	148,657	150,754	143,286	139,658	*139,758	153,495	
Durable goods industries, total .....	do...	798,057	887,777	73,464	80,920	73,560	77,997	78,976	67,066	71,365	76,949	78,660	72,706	70,347	*70,316	79,257	
Stone, clay, and glass products .....	do...	43,888	48,185	3,386	3,989	3,924	4,263	4,471	4,016	4,386	4,343	4,552	4,132	3,676	*3,756	3,898	
Primary metals .....	do...	120,390	140,122	11,653	13,122	11,024	13,055	12,599	10,955	11,482	11,907	12,073	11,203	10,699	*12,208	12,904	
Blast furnaces, steel mills .....	do...	60,533	68,663	5,747	6,725	5,001	6,656	6,208	5,603	5,712	5,823	5,754	5,321	4,927	*5,605	5,920	
Fabricated metal products .....	do...	96,212	109,463	8,721	9,939	8,895	9,620	9,787	8,477	9,332	9,438	9,683	9,031	8,607	*8,568	9,659	
Machinery, except electrical .....	do...	137,119	157,695	13,078	14,144	13,176	13,251	14,043	12,039	12,783	13,881	13,911	12,527	13,742	*12,865	14,604	
Electrical machinery .....	do...	98,661	110,713	9,101	9,562	8,873	8,990	9,851	8,178	9,029	9,877	9,790	9,614	9,720	*9,204	10,576	
Transportation equipment .....	do...	188,883	194,461	17,729	19,273	17,090	18,190	17,086	13,583	13,139	15,758	16,821	15,310	13,960	*13,853	16,266	
Motor vehicles and parts .....	do...	132,207	129,364	12,558	13,424	11,568	12,853	11,567	8,487	7,640	10,210	11,338	9,838	8,003	*8,832	10,242	
Instruments and related products .....	do...	31,560	36,253	2,769	3,058	2,837	2,943	3,211	2,765	3,021	3,346	3,242	3,304	3,248	*3,030	3,509	
Nondurable goods industries, total .....	do...	698,515	804,224	63,106	67,114	63,998	66,307	68,077	64,539	69,010	71,708	72,094	70,580	69,311	*69,442	74,238	
Food and kindred products .....	do...	211,921	234,828	19,037	19,875	18,754	19,268	19,604	18,863	19,544	20,623	20,883	20,518	20,352	*19,903	20,270	
Tobacco products .....	do...	10,941	12,173	882	985	952	1,040	885	1,126	1,049	1,036	1,097	1,078	1,052	*1,002	1,061	
Textile mill products .....	do...	43,951	46,992	3,637	4,077	3,838	3,973	4,207	3,419	3,942	4,234	4,301	4,059	3,786	*3,814	4,265	
Paper and allied products .....	do...	57,654	66,033	5,379	5,639	5,464	5,637	5,770	5,507	5,795	5,664	5,745	5,540	5,156	*5,705	5,898	
Chemical and allied products .....	do...	126,445	149,181	11,704	13,121	12,476	12,898	13,175	11,818	12,228	13,172	12,759	12,515	12,533	*12,918	13,912	
Petroleum and coal products .....	do...	103,567	134,041	9,704	10,015	9,800	10,388	10,909	11,084	11,968	12,351	12,302	12,779	13,489	*13,827	14,383	
Rubber and plastics products .....	do...	39,930	44,742	3,829	4,145	3,812	3,893	3,923	3,415	3,804	3,826	3,947	3,532	3,279	*3,677	3,806	
Shipments (seas. adj.), total † .....	do...			135,962	142,503	134,126	142,288	138,960	141,730	142,532	143,201	145,551	144,141	146,384	*151,920	152,663	
By industry group:																	
Durable goods industries, total # .....	do...			73,646	76,855	70,996	75,698	72,629	73,585	74,416	74,012	75,570	73,657	74,118	*77,817	79,405	
Stone, clay, and glass products .....	do...			3,678	3,903	3,850	4,124	4,072	4,111	4,055	4,027	4,246	4,190	4,133	*4,454	4,235	
Primary metals .....	do...			11,659	12,323	10,405	12,372	11,494	11,887	11,787	11,554	12,088	11,825	11,787	*12,998	12,918	
Blast furnaces, steel mills .....	do...			5,730	6,244	4,808	6,351	5,628	5,999	5,787	5,726	5,895	5,746	5,460	*5,684	5,903	
Fabricated metal products .....	do...			8,877	9,781	8,695	9,338	9,040	9,053	9,118	9,987	9,910	9,221	9,211	*9,515	9,834	
Machinery, except electrical .....	do...			12,776	13,065	12,719	13,058	12,902	13,239	13,607	13,618	13,905	13,078	13,662	*14,005	14,226	
Electrical machinery .....	do...			8,962	9,275	8,835	9,157	9,308	9,101	9,218	9,366	9,375	9,495	9,746	*10,093	10,418	
Transportation equipment .....	do...			17,523	17,817	16,065	17,239	15,429	15,596	16,034	15,623	15,495	14,942	14,746	*15,437	15,907	
Motor vehicles and parts .....	do...			12,458	12,216	10,748	12,123	10,345	10,066	10,071	10,072	10,251	9,434	9,013	*9,361	9,902	
Instruments and related products .....	do...			2,869	3,009	2,873	2,963	3,028	3,009	3,006	3,139	3,089	3,205	3,247	*3,349	3,642	
Nondurable goods industries, total # .....	do...			62,316	65,648	63,130	66,590	66,331	68,145	68,116	69,189	69,981	70,484	72,266	*74,103	73,228	
Food and kindred products .....	do...			18,903	19,651	18,772	19,418	19,296	19,770	19,518	19,943	20,113	20,273	20,729	*19,984	20,087	
Tobacco products .....	do...			936	1,008	964	1,027	842	1,142	1,021	1,049	1,055	1,055	1,027	*1,063	1,126	
Textile mill products .....	do...			3,654	3,856	3,859	3,914	3,984	4,060	3,903	3,973	4,039	3,961	3,925	*4,203	4,292	
Paper and allied products .....	do...			5,272	5,527	5,412	5,613	5,479	5,838	5,634	5,544	5,641	5,585	5,492	*6,014	5,796	
Chemicals and allied products .....	do...			11,416	12,225	11,577	12,419	12,552	12,852	12,410	12,705	12,864	13,159	13,710	*14,075	13,561	
Petroleum and coal products .....	do...			9,512	10,231	9,867	10,622	10,757	10,977	11,885	12,281	12,419	12,803	13,279	*13,938	14,080	
Rubber and plastics products .....	do...			3,773	3,913	3,635	3,809	3,704	3,739	3,773	3,730	3,774	3,618	3,589	*4,054	3,747	
By market category: †																	
Home goods and apparel .....	do...	*114,547	*125,723	9,793	10,275	9,912	10,381	10,551	10,496	10,750	10,795	10,945	10,765	11,123	*11,296	11,688	
Consumer staples .....	do...	*268,237	*298,916	23,805	24,763	23,840	24,686	24,480	25,421	24,865	25,301	25,623	25,946	26,669	*25,816	25,7	



Unless otherwise stated in footnotes below, data through 1976 and descriptive notes are as shown in the 1977 edition of BUSINESS STATISTICS	1978	1979	1979										1980		
	Annual	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.

GENERAL BUSINESS INDICATORS—Continued

<b>MANUFACTURERS' SALES, INVENTORIES, AND ORDERS</b> †—Continued																
Inventories, end of year or month †—Continued																
Book value (seasonally adjusted) †—Continued																
By industry group—Continued																
Durable goods industries—Continued																
By stage of fabrication: †																
Materials and supplies .....	mil. \$.	*41,468	48,818	42,615	43,570	43,848	44,504	44,885	45,538	46,492	46,382	47,734	48,406	48,818	*49,431	50,120
Primary metals .....	do.....	*6,573	7,463	6,505	6,602	6,635	6,644	6,751	6,844	7,108	6,959	7,116	7,294	7,463	*7,744	7,888
Machinery, except electrical .....	do.....	*8,680	10,725	8,846	9,081	9,069	9,374	9,531	9,595	9,748	9,929	10,405	10,653	10,725	*10,771	10,969
Electrical machinery .....	do.....	*4,945	5,925	5,049	5,227	5,244	5,363	5,483	5,571	5,549	5,668	5,763	5,753	5,925	*6,010	6,203
Transportation equipment .....	do.....	*6,967	8,304	7,711	7,719	7,931	7,979	7,657	7,926	8,310	7,977	8,298	8,341	8,304	*8,089	8,201
Work in process # .....	do.....	*55,449	66,759	57,262	57,656	58,995	59,975	61,461	62,006	62,776	63,828	64,892	66,096	66,759	*67,879	68,356
Primary metals .....	do.....	*6,368	7,072	6,342	6,244	6,659	6,485	6,669	6,677	6,827	6,945	6,935	6,916	7,072	*6,840	6,886
Machinery, except electrical .....	do.....	*14,271	16,923	14,661	14,985	15,143	15,434	15,620	15,977	16,304	16,393	16,602	16,785	16,923	*17,275	17,195
Electrical machinery .....	do.....	*7,872	10,057	8,330	8,491	8,622	8,753	8,908	8,984	9,170	9,434	9,636	9,803	10,057	*10,163	10,399
Transportation equipment .....	do.....	*14,129	17,876	14,512	14,362	14,694	15,205	15,829	16,075	16,001	16,653	17,235	17,923	17,876	*18,610	18,767
Finished goods # .....	do.....	*32,309	35,799	34,117	34,052	35,060	35,023	35,354	35,825	35,698	35,717	35,416	35,830	35,799	*36,489	36,682
Primary metals .....	do.....	*5,021	5,370	5,060	4,915	5,314	5,062	5,158	5,274	5,209	5,161	5,098	5,209	5,370	*5,541	5,541
Machinery, except electrical .....	do.....	*7,974	8,854	8,349	8,443	8,691	8,765	8,969	9,035	9,080	9,203	9,230	9,850	8,854	*9,230	9,278
Electrical machinery .....	do.....	*4,249	4,603	4,376	4,348	4,362	4,363	4,323	4,480	4,461	4,384	4,418	4,457	4,603	*4,845	4,849
Transportation equipment .....	do.....	*3,035	3,701	3,668	3,636	3,776	3,941	3,904	3,993	3,908	3,904	3,932	3,854	3,701	*3,605	3,676
Nondurable goods industries, total # .....	do.....	*68,816	76,479	69,648	70,311	71,275	71,583	72,639	73,191	74,171	75,490	75,408	75,827	76,479	*78,203	79,347
Food and kindred products .....	do.....	*17,262	20,326	17,850	18,119	18,249	18,524	19,106	19,159	19,293	19,856	19,871	19,982	20,326	*20,206	20,171
Tobacco products .....	do.....	*3,619	3,523	3,528	3,586	3,575	3,581	3,716	3,607	3,729	3,746	3,693	3,605	3,523	*3,557	3,496
Textile mill products .....	do.....	*5,666	5,848	5,728	5,718	5,725	5,666	5,645	5,665	5,703	5,686	5,746	5,795	5,848	*5,948	5,935
Paper and allied products .....	do.....	*5,875	6,779	5,901	6,045	6,206	6,294	6,344	6,245	6,363	6,422	6,538	6,615	6,779	*6,842	7,112
Chemicals and allied products .....	do.....	*15,429	16,978	15,521	15,548	15,919	15,964	15,901	16,022	16,267	16,582	16,610	16,847	16,978	*17,864	18,423
Petroleum and coal products .....	do.....	*5,423	6,660	5,139	5,063	5,181	5,063	5,347	5,597	5,977	6,354	6,400	6,527	6,660	*7,025	7,283
Rubber and plastics products .....	do.....	*4,602	4,750	4,632	4,707	4,880	4,868	4,870	4,935	4,947	4,962	4,818	4,797	4,750	*4,862	4,892
By stage of fabrication: †																
Materials and supplies .....	do.....	*26,610	30,097	27,292	27,712	28,089	28,079	28,400	28,515	29,266	29,369	29,577	30,044	30,097	*30,881	31,247
Work in process .....	do.....	*10,717	11,766	10,990	10,982	11,149	11,248	11,335	11,548	11,598	11,890	11,981	11,871	11,766	*12,045	12,245
Finished goods .....	do.....	*31,489	34,616	31,366	31,617	32,073	32,256	32,904	33,128	33,307	34,231	33,850	33,912	34,616	*35,277	35,855
By market category: †																
Home goods and apparel .....	mil. \$.	*16,966	17,530	17,408	17,573	17,415	17,284	17,398	17,598	17,515	17,501	17,293	17,326	17,530	*17,821	17,868
Consumer staples .....	do.....	*26,517	29,698	26,954	27,394	27,675	28,166	28,780	28,702	29,044	29,529	29,404	29,503	29,698	*29,697	29,689
Equip. and defense prod., exc. auto .....	do.....	*50,285	61,514	51,941	52,542	53,318	54,447	55,632	56,408	57,316	58,254	59,527	60,839	61,514	*63,012	63,672
Automotive equipment .....	do.....	*10,071	10,299	11,215	11,111	11,496	11,567	11,219	11,606	11,606	11,199	11,304	11,051	10,299	*10,226	10,166
Construction materials and supplies .....	do.....	*16,993	19,496	17,801	17,944	18,351	18,589	18,982	18,828	18,878	18,882	19,000	19,341	19,496	*19,438	19,625
Other materials and supplies .....	do.....	*77,211	89,318	78,323	79,205	80,923	81,032	82,228	83,418	84,768	86,052	86,922	88,939	89,318	*91,758	93,485
Supplementary series:																
Household durables .....	do.....	*8,692	9,169	8,793	8,831	8,777	8,756	8,828	8,879	8,857	8,881	8,866	8,938	9,169	*9,253	9,275
Capital goods industries .....	do.....	*55,370	68,527	57,308	58,139	59,016	60,440	61,710	62,658	63,601	64,990	66,292	67,777	68,527	*70,217	71,016
Nondefense .....	do.....	*48,203	59,076	49,796	50,540	51,442	52,608	53,730	54,612	55,420	56,471	57,466	58,541	59,076	*60,604	61,348
Defense .....	do.....	*7,167	9,451	7,512	7,599	7,574	7,832	7,980	8,046	8,181	8,519	8,826	9,236	9,451	*9,613	9,668
New orders, net (not seas. adj.), total † .....	do.....	*1,541,861	1,732,015	1,45,491	153,972	142,739	144,733	149,983	132,386	140,488	150,964	153,346	144,297	142,086	*145,720	156,776
Durable goods industries, total .....	do.....	*841,739	926,580	81,842	86,971	78,341	78,568	81,410	67,926	71,203	78,998	81,256	73,197	73,106	*76,009	82,367
Nondurable goods industries, total .....	do.....	*700,121	805,435	63,649	67,001	64,398	66,165	68,573	64,434	69,285	71,966	72,090	71,100	68,980	*69,711	74,409
New orders, net (seas. adj.), total † .....	do.....	*1,541,861	1,732,015	1,44,036	148,586	139,332	143,594	142,269	140,508	142,664	147,154	146,640	146,659	149,758	*156,131	155,232
By industry group:																
Durable goods industries, total .....	do.....	*841,739	926,580	81,312	83,088	76,099	77,027	75,820	72,545	74,029	77,560	76,663	75,417	77,751	*82,033	81,982
Primary metals .....	do.....	*128,002	142,882	13,042	13,037	11,782	11,270	11,658	10,937	10,707	11,707	12,315	11,554	11,415	*13,811	13,394
Blast furnaces, steel mills .....	do.....	*65,307	69,121	6,873	6,833	6,040	5,219	5,476	5,110	4,503	5,649	5,665	5,476	4,990	*5,873	6,159
Nonferrous and other primary met.....	do.....	*49,500	59,802	4,941	4,921	4,658	4,756	5,050	4,728	5,104	4,990	5,440	4,988	5,244	*6,618	6,025
Fabricated metal products .....	do.....	*99,016	111,622	9,193	10,509	9,036	9,477	8,878	8,994	9,268	8,745	9,503	9,035	9,641	*9,221	10,302
Machinery, except electrical .....	do.....	*142,863	163,304	13,401	14,988	12,772	13,140	13,502	13,105	13,401	13,983	14,102	13,816	14,130	*15,028	14,349
Electrical machinery .....	do.....	*103,216	115,785	10,017	9,676	9,362	9,587	9,690	8,867	9,833	9,796	9,661	9,720	10,073	*10,923	11,239
Transportation equipment .....	do.....	*210,419	216,523	21,869	20,002	18,375	18,966	17,586	15,874	16,230	18,323	15,686	16,341	17,390	*16,813	16,600
Aircraft, missiles, and parts .....	do.....	*53,503	65,796	7,340	5,547	5,712	5,343	6,046	4,361	4,562	5,956	3,944	5,405	6,537	*5,750	4,802
Nondurable goods industries, total .....	do.....	*700,121	805,435	62,274	65,498	63,233	66,567	66,449	67,963	68,635	69,594	69,977	71,152	72,007	*74,098	73,250
Industries with unfilled orders † .....	do.....	*153,795	172,589	13,725	13,783	13,885	14,346	14,293	14,587	14,882	14,787	14,701	15,304	14,157	*15,622	15,358
Industries without unfilled orders ‡ .....	do.....	*546,326	632,866	48,999	48,118	49,348	52,221	52,156	53,376	53,753	54,807	55,276	55,848	57,850	*58,476	57,892
By market category: †																
Home goods and apparel .....	do.....	*114,547	126,005	10,074	10,448	10,105	10,094	10,818	10,313	10,787	10,896	10,765	10,689	10,997	*11,341	11,769
Consumer staples .....	do.....	*268,264	298,939	23,805	24,785	23,856	24,696	24,510	25,428	24,875	25,296	25,605	25,919	26,671	*25,814	25,770
Equip. and defense prod., excl. auto .....	do.....	*226,205	268,447	23,273	24,011	23,359	23,392	19,930	19,744	20,062	23,029	20,726	22,165	23,630	*23,896	22,471
Automotive equipment .....	do.....	*155,910	149,571	14,580	13,755	12,502	13,442	12,128	11,473	11,475	11,994	11,825				

Table header with columns for 1978 (Annual), 1979 (Feb-Mar-Apr-May-June-July-Aug-Sept-Oct-Nov-Dec), and 1980 (Jan-Feb-Mar). Includes a note: 'Unless otherwise stated in footnotes below, data through 1976 and descriptive notes are as shown in the 1977 edition of BUSINESS STATISTICS'

GENERAL BUSINESS INDICATORS—Continued

Table containing 'BUSINESS INCORPORATIONS' and 'INDUSTRIAL AND COMMERCIAL FAILURES'. Rows include 'New incorporations', 'Failures total', 'Liabilities (current)', and 'Failure annual rate'.

COMMODITY PRICES

Large table titled 'COMMODITY PRICES' with sections for 'PRICES RECEIVED AND PAID BY FARMERS', 'CONSUMER PRICES', and 'ALL ITEMS, WAGE EARNERS AND CLERICAL WORKERS, REVISED'. Contains extensive data on various goods and services.

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1976 and descriptive notes are as shown in the 1977 edition of BUSINESS STATISTICS	1978	1979	1979										1980		
	Annual	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.

COMMODITY PRICES—Continued

<b>PRODUCER PRICES §</b> (U.S. Department of Labor Indexes)															
<b>Not Seasonally Adjusted</b>															
Spot market prices, basic commodities:															
22 Commodities ..... 1967=100..	234.1	268.0	277.4	276.3	277.1	278.1	281.2	279.5	281.1	283.8	281.0	286.2	287.1	294.1	285.3
9 Foodstuffs .....	239.2	260.2	261.8	251.8	254.4	256.5	259.3	254.3	259.1	252.3	250.7	255.4	249.5	257.2	245.0
13 Raw industrials .....	230.6	273.5	288.5	294.5	293.8	293.9	297.3	298.1	297.3	307.7	304.0	309.6	316.2	322.5	316.9
All commodities .....	209.3	224.1	226.7	230.0	232.0	233.5	236.9	238.3	242.0	245.6	*247.2	249.4	254.7	259.8	261.5
By stage of processing:															
Crude materials for further processing .....	240.1	270.4	276.6	279.9	282.3	283.0	287.1	281.7	288.3	289.5	290.8	296.7	296.9	308.3	303.3
Intermediate materials, supplies, etc .....	215.5	228.5	231.5	235.8	238.2	240.3	244.6	247.5	251.0	255.0	*256.3	258.2	265.6	271.1	273.2
Finished goods # .....	194.6	207.7	209.1	211.4	212.7	213.7	216.2	217.3	220.7	224.2	*226.3	227.8	232.1	235.4	238.2
Finished consumer goods .....	192.6	206.3	207.9	210.2	211.6	212.7	215.6	217.5	221.7	224.7	*227.1	228.8	233.2	237.3	240.6
Capital equipment .....	199.1	210.8	211.7	214.0	215.1	215.8	217.2	216.5	217.8	222.8	*223.9	225.1	229.1	230.3	231.8
By durability of product:															
Durable goods .....	204.9	218.6	221.0	223.9	224.7	225.8	227.6	228.0	230.1	234.6	*235.3	236.6	243.4	246.4	246.6
Nondurable goods .....	211.9	227.2	234.0	234.1	236.9	238.8	243.7	245.8	251.1	253.7	*256.2	259.2	263.0	270.0	273.1
Total manufactures .....	204.2	*217.5	219.7	223.1	225.0	226.5	229.8	231.7	235.2	239.0	*240.6	242.3	248.2	252.7	254.8
Durable manufactures .....	204.7	*218.0	219.8	222.7	223.8	224.6	226.6	227.2	229.4	234.0	*234.6	235.8	242.4	245.0	245.2
Nondurable manufactures .....	203.0	*216.1	219.0	222.8	225.6	227.8	232.5	235.9	241.0	244.0	*246.6	248.8	253.8	260.7	264.7
Farm prod., processed foods and feeds .....	206.6	227.2	229.0	231.2	230.8	229.0	232.2	227.5	231.8	230.6	*232.3	234.5	231.9	236.9	234.9
Farm products # .....	212.5	240.9	242.8	246.0	245.4	242.8	246.8	238.5	241.0	239.6	240.2	242.5	236.4	242.3	239.3
Fruits and vegetables, fresh and dried .....	216.5	263.0	255.7	239.1	228.2	226.4	226.7	241.7	208.3	218.0	*216.5	210.5	218.9	220.5	218.3
Grains .....	182.5	189.3	192.0	198.3	210.3	218.7	247.4	229.1	224.4	229.0	*226.6	227.9	214.6	223.3	217.9
Live poultry .....	199.8	217.8	217.6	209.4	216.3	182.9	183.8	171.9	173.5	162.0	195.5	194.7	195.2	184.6	180.1
Livestock .....	220.1	266.5	275.8	284.0	280.7	264.0	256.0	240.2	256.4	251.7	248.3	252.5	247.8	257.2	251.8
Foods and feeds, processed # .....	202.6	218.9	220.5	222.3	222.0	220.6	223.3	220.5	225.8	224.8	*227.1	229.2	228.5	233.1	231.5
Beverages and beverage materials .....	200.0	201.1	201.2	201.5	205.3	208.5	214.1	216.5	217.9	218.9	*221.2	221.9	224.1	224.7	226.0
Cereal and bakery products .....	190.3	199.1	200.1	203.0	204.9	206.3	212.4	216.0	218.7	219.8	*222.5	223.7	225.4	229.7	231.3
Dairy products .....	188.4	203.2	204.9	207.1	207.9	208.4	209.0	215.2	218.3	218.1	*219.3	219.6	221.4	221.2	223.3
Fruits and vegetables, processed .....	202.6	219.5	219.6	220.5	221.4	221.5	223.6	224.6	225.1	223.4	*222.4	222.3	222.8	223.1	223.6
Meats, poultry, and fish .....	217.1	248.5	250.6	253.0	250.4	241.4	237.7	225.5	239.9	234.2	*239.3	242.8	239.5	239.5	239.2
Industrial commodities .....	209.4	222.5	225.4	229.0	231.6	234.0	237.5	240.6	244.2	249.0	*250.6	252.8	260.3	265.4	268.2
Chemicals and allied products #															
Agric. chemicals and chem. prod .....	198.8	207.3	209.9	215.1	218.0	219.2	225.0	228.5	230.8	234.2	*236.0	238.1	245.5	247.6	251.6
Chemicals, industrial .....	198.4	203.1	206.3	209.8	210.0	209.2	211.2	213.5	219.4	224.3	*229.5	232.7	238.1	242.8	256.0
Drugs and pharmaceuticals .....	225.6	237.4	239.7	248.2	255.6	259.3	270.4	277.1	280.0	285.7	*288.4	291.6	302.6	306.7	310.7
Fats and oils, inedible .....	148.1	156.2	156.6	157.5	157.7	159.0	159.2	159.6	161.0	162.8	163.0	164.4	166.5	167.7	168.9
Prepared paint .....	315.8	367.9	398.5	448.7	418.3	374.1	381.6	376.4	379.9	366.9	344.3	327.1	325.6	302.2	299.9
Prepared paint .....	192.3	202.3	203.3	203.3	201.3	201.3	205.3	205.3	206.0	206.7	*209.4	210.7	223.3	223.3	
Fuels and related prod., and power #															
Coal .....	322.5	342.5	350.9	361.5	377.6	393.7	411.8	432.8	454.8	468.5	*476.9	488.7	507.8	533.0	553.5
Electric power .....	430.0	444.0	445.3	447.1	450.8	452.0	452.5	454.2	452.5	454.6	*455.1	457.8	458.1	458.7	460.7
Gas fuels .....	250.6	251.1	257.3	260.6	265.9	269.9	274.8	278.8	280.5	283.5	*281.9	287.2	290.7	299.5	305.7
Petroleum products, refined .....	428.7	458.1	471.0	477.4	507.2	522.3	548.4	572.4	603.4	619.9	*637.0	670.5	679.6	719.8	720.3
Furniture and household durables # .....	321.0	350.0	360.3	378.6	400.0	423.6	449.8	482.8	513.7	533.7	*545.4	554.8	582.4	620.3	657.9
Furniture and household durables #															
Appliances, household .....	160.4	167.9	168.3	168.7	169.6	170.2	170.7	171.5	172.7	175.1	*176.4	177.0	182.1	183.4	184.6
Furniture, household .....	153.0	158.3	158.8	158.7	159.3	160.0	161.1	162.2	162.7	163.2	164.5	165.2	166.6	168.7	169.7
Home electronic equipment .....	173.5	181.3	181.8	182.7	184.8	185.3	185.8	186.2	188.5	190.1	*193.0	194.3	196.4	196.5	198.9
Home electronic equipment .....	90.2	92.3	92.3	92.3	92.4	92.8	90.2	90.2	90.3	90.3	*90.3	88.1	88.5	88.7	88.8
Hides, skins, and leather products #															
Footwear .....	200.0	232.2	253.3	258.9	269.6	268.0	261.9	257.9	251.1	253.9	*248.9	248.9	255.3	251.0	246.8
Hides and skins .....	183.0	203.0	209.9	212.0	216.3	221.1	221.8	225.4	226.9	227.5	*227.9	227.3	228.5	228.1	231.8
Leather .....	360.5	497.8	639.6	642.2	666.9	611.0	566.5	511.9	465.3	478.8	447.6	443.9	468.8	404.8	348.7
Lumber and wood products .....	238.6	309.2	371.9	393.6	429.4	414.6	385.2	365.9	330.0	343.6	319.8	324.8	347.6	340.3	311.0
Lumber .....	276.0	293.9	300.5	304.9	302.8	299.8	300.1	304.7	309.7	308.8	*298.9	289.8	290.0	294.8	295.7
Machinery and equipment # .....	322.4	339.9	350.5	355.4	354.8	354.8	355.0	365.3	373.9	370.3	*355.6	338.9	336.3	341.5	340.6
Machinery and equipment #															
Agricultural machinery and equip .....	196.1	206.5	207.9	209.8	211.4	212.4	214.8	216.0	217.7	220.0	*221.3	222.9	227.1	229.7	231.9
Construction machinery and equip .....	213.1	223.9	224.8	226.4	229.4	229.4	231.2	233.3	237.4	240.0	*243.4	242.9	247.6	249.1	250.4
Electrical machinery and equip .....	232.9	247.9	248.7	251.7	253.7	254.0	257.0	258.5	258.9	263.9	*265.4	268.2	275.4	277.5	278.4
Metalworking machinery and equip .....	164.9	172.8	173.8	175.7	176.5	177.6	179.9	181.2	182.5	184.3	*184.9	186.5	190.5	194.2	195.9
Metals and metal products # .....	217.0	232.0	233.0	235.3	237.6	239.1	241.4	243.5	246.4	249.6	*252.2	254.6	258.7	261.3	264.1
Metals and metal products #															
Heating equipment .....	227.1	247.3	251.7	256.0	256.2	258.2	260.8	261.8	263.7	269.6	*271.1	273.5	284.5	288.6	286.3
Iron and steel .....	174.4	180.9	183.4	183.8	185.7	185.2	186.0	188.1	191.3	192.2	*193.1	195.2	197.3	199.9	202.0
Nonferrous metals .....	207.8	239.2	246.6	259.6	258.2	259.7	262.3	263.1	269.3	283.1	*284.1	291.2	326.1	336.5	320.9
Nonmetallic mineral products #															
Clay prod., structural, excl. refrac .....	222.8	240.5	240.8	243.4	245.6	246.9	249.5	249.9	254.6	256.2	*257.4	259.2	268.0	272.6	276.1
Concrete products .....	197.2	210.7	212.8	214.8	215.7	216.5	220.3	222.3	221.1	*221.0	222.6	226.8	229.6	231.1	231.5
Gypsum products .....	214.0	236.4	237.8	240.5	241.6	243.7	245.2	246.3	248.7	250.1	*250.6	253.2	264.9	266.2	268.6
Pulp, paper, and allied products .....	229.1	250.6	251.0	252.2	248.8	251.3	251.8	252.3	254.9	255.3	256.2	255.0	255.4	262.2	267.6
Paper .....	195.6	208.8	212.3	215.0	216.2	216.6	218.3	222.2	223.0	227.5	*229.5	231.0	237.4	238.9	241.6
Rubber and plastics products .....	206.1	221.2	223.3	226.3	227.2	227.5	228.2	229.5	230.3	238.7	*241.8	243.0	245.5	247.5	250.5
Tires and tubes .....	174.8	183.2	185.9	188.8	190.8	193.1	195.5	198.8	200.7	203.0	*204.9	205.7	208.2	210.9	212.7
Textile products and apparel .....	179.2	194.1	195.0	196.1	197.3	198.9	206.2	211.6	215.0						

Unless otherwise stated in footnotes below, data through 1976 and descriptive notes are as shown in the 1977 edition of BUSINESS STATISTICS	1978	1979	1979												1980		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
<b>COMMODITY PRICES—Continued</b>																	
<b>PRODUCER PRICES—Continued</b> (U.S. Department of Labor Indexes)—Continued Seasonally Adjusted																	
By durability of product:																	
Total manufactures..... 1967=100.....			217.7	219.9	222.4	224.1	226.0	229.3	231.9	235.4	238.8	*240.6	243.5	248.7	253.0	255.1	
Durable manufactures..... do.....			218.0	219.6	222.3	223.4	224.6	226.8	227.4	229.9	233.3	*234.6	236.7	242.4	245.0	245.0	
Nondurable manufactures..... do.....			216.8	219.4	221.9	224.5	226.4	231.3	235.9	241.0	244.5	*246.6	250.3	254.8	261.5	265.2	
Farm products..... do.....			239.4	244.3	245.1	241.7	241.1	242.9	239.2	241.3	240.4	245.5	245.3	(*)			
Processed foods and feeds..... do.....			219.1	222.2	222.8	221.5	218.8	220.7	220.8	225.1	225.5	229.6	229.7	(*)			
<b>PURCHASING POWER OF THE DOLLAR</b>																	
As measured by:																	
Producer prices ¶..... 1967=\$1.00.....	0.514		0.482	0.478	0.473	0.471	0.468	0.463	0.460	0.453	0.446	*0.442	0.439	0.431	0.425	0.420	
Consumer prices †..... do.....	0.512	0.461	0.483	0.478	0.473	0.467	0.462	0.457	0.452	0.448	0.444	0.440	0.435	0.429	0.423	0.417	

**CONSTRUCTION AND REAL ESTATE**

<b>CONSTRUCTION PUT IN PLACE @</b>																
New construction (unadjusted), total..... mil. \$.	206,224	*226,887	13,440	15,829	17,150	19,292	20,636	*21,294	*21,965	*21,794	*22,231	20,677	*18,569	*16,474	15,492	
Private, total #..... do.....	160,403	*178,167	10,918	12,860	13,773	15,134	16,180	*16,463	*16,883	*16,621	*17,059	*16,205	*14,884	*12,981	12,256	
Residential..... do.....	93,425	*97,575	5,869	6,866	7,673	8,481	9,121	*9,278	*9,440	*9,311	*9,248	*8,734	*7,451	*6,572	5,961	
New housing units..... do.....	75,808	*77,170	4,675	5,435	5,862	6,453	7,133	7,405	7,589	7,497	7,446	7,000	*5,818	*5,202	4,665	
Nonresidential buildings, except farm and public utilities, total #..... mil. \$.	36,293	46,005	2,793	3,328	3,423	3,715	3,986	4,172	4,272	4,256	4,563	4,397	4,290	*3,952	3,872	
Industrial..... do.....	10,994	14,423	958	1,192	1,145	1,209	1,247	1,344	1,236	1,232	1,337	1,291	1,300	*1,142	1,147	
Commercial..... do.....	18,565	24,233	1,361	1,586	1,699	1,918	2,116	2,187	2,358	2,359	2,521	2,405	2,327	*2,167	2,114	
Public utilities:																
Telephone and telegraph..... do.....	5,418	6,320	352	483	453	529	558	541	628	548	674	602	578	481		
Public, total #..... do.....	45,821	48,720	2,522	2,968	3,377	4,159	4,456	4,831	5,083	5,173	*5,173	*4,472	*3,685	*3,493	3,236	
Buildings (excluding military) #..... do.....	15,235	*15,741	1,011	1,155	1,199	1,332	1,372	1,460	1,430	1,547	*1,401	*1,380	*1,290	*1,300	1,241	
Housing and redevelopment..... do.....	1,053	*1,200	85	92	87	103	100	121	103	103	*109	*108	*111	*114	112	
Industrial..... do.....	1,183	*1,409	91	108	115	130	128	124	130	158	101	*102	106	139	102	
Military facilities..... do.....	1,498	*1,631	84	160	102	138	149	134	153	157	*132	*155	*144	*138	139	
Highways and streets..... do.....	10,709	11,524	307	396	622	996	1,118	1,305	1,481	1,450	1,694	1,081	709	*568	524	
New construction (seasonally adjusted at annual rates), total..... bil. \$.			210.9	216.7	216.4	223.4	224.3	*230.9	*230.1	*232.9	*238.7	*237.7	*242.0	*250.0	242.1	
Private, total #..... do.....			169.3	172.7	171.9	175.0	178.3	*180.0	*180.5	*182.0	*185.9	*185.8	*189.9	*190.6	186.9	
Residential..... do.....			97.8	96.5	95.7	95.2	96.9	*96.9	*97.4	*99.4	*100.7	*101.1	*102.0	*99.7	97.8	
New housing units..... do.....			77.2	75.9	76.0	75.7	77.7	77.7	78.3	79.1	78.3	77.8	*78.8	*77.7		
Nonresidential buildings, except farm and public utilities, total #..... bil. \$.			38.9	43.3	42.6	45.2	46.8	47.8	47.1	46.7	49.5	49.7	52.3	*55.4	53.9	
Industrial..... do.....			13.4	15.2	14.0	14.5	14.7	15.5	13.8	13.7	15.0	15.0	15.2	*15.6	16.0	
Commercial..... do.....			19.0	21.0	21.5	23.6	24.8	24.8	*25.8	25.7	26.7	26.9	28.9	*30.7	29.5	
Public utilities:																
Telephone and telegraph..... do.....			5.4	5.7	5.6	6.1	6.1	6.5	6.8	6.5	7.0	6.7	7.1	7.5		
Public, total #..... do.....			41.6	44.0	44.5	48.4	46.0	51.0	49.7	50.9	*52.8	*51.9	52.1	*59.4	55.2	
Buildings (excluding military) #..... do.....			*14.1	15.3	15.2	15.7	15.5	16.4	15.4	17.0	15.5	16.5	16.8	*17.4	17.6	
Housing and redevelopment..... do.....			1.2	1.2	1.1	1.2	1.1	1.4	1.1	1.0	1.2	1.2	1.6	*1.8	1.7	
Industrial..... do.....			1.1	1.5	1.3	1.5	1.4	1.6	1.6	1.9	1.2	1.3	1.2	1.7	1.3	
Military facilities..... do.....			1.1	2.0	1.3	1.5	1.8	1.5	1.9	1.7	*1.8	1.7	1.7	*1.8	1.7	
Highways and streets..... do.....			8.9	8.9	9.9	11.7	10.3	11.2	11.5	12.3	14.5	11.9	12.5	*15.6	15.1	
<b>CONSTRUCTION CONTRACTS</b>																
Construction contracts in 50 States (F.W. Dodge Division, McGraw-Hill):																
Valuation, total..... mil. \$.	159,930	166,378	*13,865	13,947	15,396	16,425	15,645	14,715	14,472	13,279	14,188	10,751	10,513	11,080	10,394	
Index (mo. data seas. adj.) ††..... 1972=100.....	*174	*183	231	200	202	178	177	181	163	185	171	156	183	190	171	
Public ownership..... mil. \$.	39,013	46,558	*6,470	3,878	3,508	4,947	4,448	4,096	3,751	3,607	3,807	3,091	2,922	3,480	3,134	
Private ownership..... do.....	120,917	119,819	*7,395	10,069	11,888	11,478	11,197	10,619	10,721	9,673	10,381	7,659	7,592	7,600	7,260	
By type of building:																
Nonresidential..... do.....	45,046	49,659	*3,232	4,227	4,260	4,553	5,056	4,510	4,515	4,471	4,869	3,849	3,559	4,352	3,635	
Residential..... do.....	74,949	74,686	*4,588	6,870	5,969	8,076	7,277	7,008	7,069	6,248	6,864	4,717	4,304	4,100	4,337	
Non-building construction..... do.....	39,935	42,033	*6,045	2,850	5,167	3,796	3,313	3,198	2,889	2,560	2,455	2,185	2,651	2,628	2,422	
New construction planning (Engineering News-Record) §..... do.....	112,069	135,004	11,752	13,750	11,070	14,357	9,258	7,507	10,343	8,007	10,823	14,972	13,222	17,164	12,564	12,750
<b>HOUSING STARTS AND PERMITS</b>																
New housing units started:																
Unadjusted:																
Total (private and public)..... thous.	2,023.3	1,749.1	84.7	153.3	161.3	189.1	192.0	165.0	171.4	163.8	169.0	119.2	91.8	*73.4	*81.0	86.4
Inside SMSA's..... do.....	*833.2															
Privately owned..... do.....	2,020.3	1,745.1	84.5	152.9	161.0	189.1	191.8	164.2	170.3	163.7	169.0	118.7	91.6	*73.1	*80.3	85.4
One-family structures..... do.....	1,433.3	1,194.1	59.3	109.8	121.2	131.2	134.5	117.8	119.4	105.7	107.9	72.0	57.8	*49.3	*50.3	51.2
Seasonally adjusted at annual rates:																
Total privately owned @ @..... do.....			1,469	1,800	1,750	1,801	1,910	1,764	1,788	1,874	1,710	1,522	1,548	*1,419	*1,332	1,041
One-family structures @ @..... do.....			997	1,275	1,273	1,229	1,276	1,222	1,237	1,237	1,139	980	1,055	*1,002	*789	606
New private housing units authorized by building permits (16,000 permit-issuing places):																
Monthly data are seas. adj. at annual rates:																
Total..... thous.	1,800	1,549	1,425	1,621	1,517	1,618	1,639	1,528	1,654	1,775	1,542	1,263	1,244	1,264	*1,142	941
One-family structures..... do.....	1,183	976	881	1,056	1,036	1,047	1,012	1,001	1,030	1,015	927	751	780	761	*695	535
Manufacturers' shipments of mobile homes (Manufactured Housing Institute):																
Unadjusted..... thous.	275.9	276.9	18.7	23.6	24.8	27.7	26.3	22.4	29.0	23.6	27.2	19.8	14.6	18.1	18.8	
Seasonally adjusted at annual rates..... do.....			276	273	277	282	283	295	281	270	287	251	241	276	270	

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1976 and descriptive notes are as shown in the 1977 edition of BUSINESS STATISTICS	1978	1979	1979										1980		
	Annual	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.

CONSTRUCTION AND REAL ESTATE—Continued

CONSTRUCTION COST INDEXES															
Dept. of Commerce composite ..... 1972=100.	175.7	*199.3	189.9	191.0	192.2	196.4	197.8	199.7	202.6	203.8	*206.4	*207.6	*207.5	*207.6	209.8
American Appraisal Co., The:															
Average, 30 cities ..... 1913=100.	2,173	2,357	2,268	2,287	2,291	2,325	2,355	2,377	2,401	2,410	2,442	2,440	2,425	2,423	2,435
Atlanta .....	2,322	2,506	2,430	2,446	2,446	2,467	2,477	2,483	2,522	2,532	2,626	2,617	2,600	2,594	*2,606
New York .....	2,222	2,431	2,353	2,359	2,360	2,375	2,386	2,446	2,488	2,494	2,498	2,546	2,534	2,531	2,535
San Francisco .....	2,263	2,498	2,372	2,427	2,428	2,449	2,460	2,500	2,535	2,545	2,634	2,631	2,612	2,605	2,617
St. Louis .....	2,071	2,424	2,157	2,173	2,173	2,235	2,251	2,255	2,285	2,292	2,302	2,303	2,289	2,284	2,289
Boeckh indexes:															
Average, 20 cities: @															
Apartments, hotels, office buildings 1972=100.	158.2	170.5		165.8		169.3		172.3		174.0		176.9		178.5	
Commercial and factory buildings .....	164.3	179.0		173.2		178.3		181.5		182.9		185.9		188.2	
Residences .....	161.8	176.6		172.0		173.9		179.2		180.8		182.2		182.5	
Engineering News-Record:															
Building .....	247.7	269.3	257.6	259.0	259.2	259.9	267.5	270.4	273.9	281.1	281.1	281.5	282.6	280.9	280.7
Construction .....	258.4	279.5	267.9	268.7	268.8	269.2	277.6	283.9	286.0	290.4	290.6	291.6	292.4	291.5	291.8
Federal Highway Adm.—Highway construction:															
Composite (avg. for year or qtr.) ..... 1967=100.	264.9	308.3		277.2			294.9			328.8				352.1	
CONSTRUCTION MATERIALS															
Output indexes:															
Iron and steel products ..... 1947-49=100.	158.6		141.3	180.6	162.8	197.6	175.4	169.2	189.1	159.8	176.3				
Lumber and wood products .....	196.6		179.9	205.2	197.8	204.3	191.7	179.7	211.3	191.3	216.4				
Portland cement .....	225.2		111.5	193.9	214.4	267.0	287.9	270.9	301.4	257.8	296.4				
REAL ESTATE ¶															
Mortgage applications for new home construction:															
FHA net applications ..... thous. units.	118.8	133.8	8.3	12.7	12.2	15.2	11.6	11.5	13.4	11.3	12.3	10.0	5.9	8.2	8.9
Seasonally adjusted annual rates .....			115	143	140	140	130	130	148	144	133	130	92	127	118
Requests for VA appraisals .....	192.7	216.1	14.6	21.4	18.8	19.5	19.4	20.0	21.4	18.4	19.6	14.2	13.0	15.2	16.6
Seasonally adjusted annual rates .....			192	234	200	207	221	231	228	244	211	188	215	208	207
Home mortgages insured or guaranteed by:															
Fed. Hous. Adm.: Face amount ..... mil. \$.	11,139.97	18,166.74	1,422.09	1,467.69	1,045.24	1,453.98	1,530.82	1,521.04	1,578.30	1,641.58	1,993.88	1,807.96	1,283.52	2,085.53	1,401.68
Fed. Hous. Adm.: Face amount ..... mil. \$.	14,470.40	16,505.50	1,367.36	1,415.68	1,074.90	1,082.49	1,096.35	1,423.50	1,695.20	1,910.07	1,099.57	1,390.96	1,530.52	1,956.35	1,301.10
Federal Home Loan Banks, outstanding advances to member institutions, end of period ..... mil. \$.	32,670	41,838	31,738	31,881	33,149	33,802	35,071	36,188	36,922	38,596	40,398	40,884	41,838	41,733	41,802
New mortgage loans of all savings and loan associations, estimated total ..... mil. \$.	110,294	100,546	5,691	7,706	8,648	10,400	10,937	9,398	9,943	8,532	9,626	7,615	5,372	*4,117	4,249
By purpose of loan:															
Home construction .....	22,495	20,583	1,272	1,702	1,877	2,153	2,132	1,896	1,947	1,701	1,844	1,469	1,170	*982	912
Home purchase .....	68,380	62,740	3,322	4,619	5,279	6,546	7,055	5,987	6,460	5,371	6,100	4,854	3,187	*2,316	2,475
All other purposes .....	19,419	17,223	1,097	1,385	1,492	1,701	1,750	1,515	1,536	1,460	1,682	1,292	1,015	*819	862

DOMESTIC TRADE

ADVERTISING															
McCann-Erickson national advertising index, seasonally adjusted:															
Combined index ..... 1967=100.	241		263	255	264	266	271	272	288	282	278	292			
Network TV .....	269		295	280	292	301	288	299	322	342	328	327		336	
Spot TV .....	263		283	289	292	295	308	277	287	270	315	297		272	
Magazines .....	209		224	217	222	227	239	239	258	234	221	254			
Newspapers .....	214		240	230	244	231	246	268	275	264	232	281			
Magazine advertising (general and natl. farm magazines):															
Cost, total ..... mil. \$.	2,364.8	2,671.1	188.2	213.5	250.6	244.6	216.6	175.1	167.2	234.4	277.9	303.3	246.0	172.6	
Apparel and accessories .....	85.8	92.3	3.6	7.9	11.2	7.5	5.1	4.7	6.0	12.3	10.5	10.3	7.6	5.3	
Automotive, incl. accessories .....	220.8	223.7	17.2	21.5	25.0	22.3	18.0	15.7	11.7	7.9	22.6	28.4	20.4	14.3	
Building materials .....	46.3	46.6	2.3	3.3	4.8	4.6	3.8	2.8	2.7	5.7	7.1	5.5	2.0	1.7	
Drugs and toiletries .....	221.9	269.0	19.1	22.3	25.4	27.3	26.0	19.3	22.7	26.6	23.1	24.3	19.3	11.9	
Foods, soft drinks, confectionery .....	186.7	200.7	17.8	16.2	15.2	15.5	17.9	15.3	12.9	14.4	19.7	27.7	18.1	10.6	
Beer, wine, liquors .....	192.8	236.1	12.2	16.2	19.8	19.0	22.2	18.2	13.0	17.1	25.0	27.6	35.1	12.0	
Household equip., supplies, furnishings .....	148.8	130.8	5.7	9.4	13.5	15.0	10.4	7.2	6.5	13.0	14.9	18.2	9.7	5.1	
Industrial materials .....	58.4	69.9	5.0	5.8	6.0	6.3	5.5	3.7	4.6	7.1	7.6	8.5	5.9	4.8	
Soaps, cleansers, etc .....	37.4	35.7	2.8	4.1	3.6	3.4	3.8	2.2	2.2	2.5	3.8	2.2	2.7	2.7	
Smoking materials .....	203.0	281.2	19.9	19.5	22.8	21.5	22.4	23.2	22.7	28.1	27.8	28.8	28.8	23.6	
All other .....	962.8	1,085.2	82.6	87.2	103.3	102.1	81.2	62.7	62.1	100.0	117.0	120.2	96.9	80.6	
Newspaper advertising expenditures (64 cities): †															
Total ..... mil. \$.	6,665.8	7,529.0	549.4	639.6	684.4	682.2	641.1	600.0	564.6	595.7	612.8	753.1	674.1	600.4	
Automotive .....	150.6	193.0	15.4	18.2	19.6	18.2	18.0	17.2	14.4	13.3	14.3	18.0	11.1	16.7	
Classified .....	1,892.4	2,201.7	165.1	193.2	203.4	194.4	191.0	196.7	187.1	194.2	186.8	176.2	147.6	184.6	
Financial .....	202.8	236.8	14.6	20.7	23.4	18.6	21.5	25.2	11.8	15.7	19.4	22.6	22.1	28.6	
General .....	827.1	937.8	76.0	83.4	86.9	88.7	83.3	63.8	57.4	72.3	76.2	101.8	75.1	86.4	
Retail .....	3,592.9	3,959.8	278.4	324.2	351.1	362.4	327.3	297.1	294.0	300.2	316.0	434.5	418.2	284.2	
WHOLESALE TRADE															
Merchant wholesalers sales (unadj.), total ..... mil. \$.	754,105	883,334	61,721	74,319	70,768	76,814	74,361	73,537	78,567	73,213	81,820	79,079	75,396	*77,104	75,749
Durable goods establishments .....	349,916	404,288	28,141	34,689	33,429	35,723	34,447	33,750	37,048	33,616	37,935	34,711	32,515	*33,579	33,787
Nondurable goods establishments .....	404,189	479,046	33,580	39,630	37,339	41,091	39,914	39,787	41,519	39,597	43,885	44,368	42,881	*43,525	41,962
Merchant wholesalers inventories, book value, end of year or month (unadj.), total ..... mil. \$.	80,922	89,997	83,917	85,436	85,345	85,199	84,942	86,829	86,890	87,061	88,839	89,632	89,997	*91,477	92,665
Durable goods establishments .....	51,646	56,470	53,807	54,381	54,731	55,566	55,523	56,602	56,803	56,361	56,620	56,241	56,470	*57,268	58,433
Nondurable goods establishments .....	29,276	33,527	30,110	31,055	30,614	29,633	29,419	30,227	30,087	30,700	32,219	33,391	33,527	*34,209	34,232

See footnotes at end of tables.



Unless otherwise stated in footnotes below, data through 1976 and descriptive notes are as shown in the 1977 edition of BUSINESS STATISTICS	1979															1980		
	1978	1979	1979												1980			
	Annual	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.			

DOMESTIC TRADE—Continued

RETAIL TRADE																											
All retail stores: †																											
Estimated sales (unadj.), total †..... mil. \$..	*800,890	*886,047	*60,690	*72,397	*70,747	*75,002	*75,046	*72,273	*78,088	*72,730	*76,594	*79,012	*91,542	*69,449	*69,736	*75,612											
Durable goods stores # .....	*281,491	*308,156	*21,450	*26,534	*26,100	*27,697	*27,071	*25,793	*28,091	*25,095	*26,740	*25,366	*26,785	*22,707	*23,226	*25,615											
Building materials, hardware, garden supply, and mobile home dealers # .....	*45,892	*52,239	*2,825	*3,897	*4,251	*4,882	*5,027	*4,833	*5,234	*4,756	*5,073	*4,431	*4,018	*3,400	*3,354	*3,978											
Building materials and supply stores .....	*31,645	*35,102	*1,890	*2,573	*2,742	*3,132	*3,350	*3,342	*3,586	*3,274	*3,531	*3,059	*2,580	*2,315	*2,204												
Hardware stores .....	*7,177	*8,993	*481	*687	*756	*861	*849	*776	*823	*781	*808	*775	*868	*593	*575												
Automotive dealers # .....	*168,035	*177,714	*13,516	*16,751	*16,083	*16,566	*15,571	*14,712	*16,078	*13,883	*15,019	*13,584	*12,735	*13,366	*13,845	*15,102											
Motor vehicle dealers .....	*153,917	*161,277	*12,492	*15,454	*14,729	*15,165	*14,110	*13,309	*14,572	*12,482	*13,484	*12,109	*11,266	*12,055	12,583												
Auto and home supply stores .....	*14,188	*16,437	*1,024	*1,297	*1,354	*1,401	*1,661	*1,403	*1,506	*1,401	*1,535	*1,475	*1,469	*1,311	*1,262												
Furniture, home furn., and equip # .....	*36,719	*41,868	*2,854	*3,291	*3,124	*3,354	*3,531	*3,507	*3,806	*3,503	*3,686	*3,872	*4,414	*3,317	*3,254	*3,483											
Furniture, home furnishings stores .....	*23,175	*26,726	*1,850	*2,167	*2,073	*2,208	*2,271	*2,251	*2,448	*2,197	*2,341	*2,482	*2,552	*2,105	*2,087												
Household appliance, radio, TV .....	*10,476	*12,119	*807	*904	*848	*942	*1,041	*1,028	*1,097	*1,041	*1,080	*1,104	*1,411	*938	*896												
Nondurable goods stores .....	*519,399	*577,891	*39,240	*45,863	*44,647	*47,305	*47,975	*46,480	*49,997	*47,635	*49,854	*53,646	*64,757	*46,742	*46,510	*49,997											
General merch. group stores .....	*101,240	*110,233	*6,044	*8,040	*8,301	*8,860	*8,677	*8,147	*9,165	*8,753	*9,410	*11,575	*17,196	*6,817	*6,917	*8,155											
Department stores .....	*81,850	*89,127	*4,840	*6,492	*6,708	*7,157	*7,020	*6,595	*7,405	*7,105	*7,623	*9,367	*13,930	*5,488	*5,579	*6,689											
Variety stores .....	*7,359	*7,914	*455	*578	*623	*653	*628	*588	*664	*611	*658	*743	*1,283	*513	*521												
Food stores .....	*171,997	*191,326	*13,974	*15,949	*14,854	*16,055	*16,776	*15,977	*16,560	*15,905	*16,067	*16,598	*17,937	*16,349	*16,124	*17,025											
Grocery stores .....	*160,506	*177,703	*11,850	*14,806	*13,690	*14,891	*15,608	*14,832	*15,442	*14,839	*14,974	*15,504	*16,496	*15,204	*14,947	*15,754											
Gasoline service stations .....	*59,270	*71,894	*4,773	*5,343	*5,464	*5,915	*6,134	*6,215	*6,673	*6,380	*6,669	*6,632	*6,766	*6,675	*6,670	*7,011											
Apparel and accessory stores # .....	*39,413	*43,028	*2,513	*3,274	*3,395	*3,336	*3,312	*3,149	*3,795	*3,506	*3,707	*4,107	*6,131	*3,061	*2,770	*3,365											
Men's and boys' clothing .....	*8,127	*8,772	*524	*641	*661	*666	*698	*628	*695	*647	*710	*855	*1,410	*604	*522												
Women's clothing, spec. stores, furrriers do.	*14,751	*15,802	948	*1,239	*1,258	*1,255	*1,299	*1,169	*1,361	*1,309	*1,396	*1,507	*2,157	*1,112	1,043												
Shoe stores .....	*6,387	*7,127	*391	*567	*626	*563	*552	*510	*649	*631	*660	*661	*853	*540	*461												
Eating and drinking places .....	*69,145	*75,139	*5,237	*6,266	*6,131	*6,377	*6,567	*6,597	*6,916	*6,392	*6,407	*6,335	*6,630	*6,023	*5,961	*6,492											
Drug and proprietary stores .....	*24,787	*27,174	*1,994	*2,154	*2,153	*2,237	*2,211	*2,197	*2,287	*2,143	*2,263	*2,335	*3,127	*2,326	*2,342	*2,391											
Liquor stores .....	*13,764	*15,595	*1,044	*1,158	*1,122	*1,209	*1,334	*1,360	*1,368	*1,297	*1,283	*1,375	*1,974	*1,294	1,291												
Mail-order houses (dept. store mdse.) \$ .....	*7,050	(*)																									
Estimated sales (seas. adj.), total † .....			*71,266	72,045	*71,606	*72,292	*72,093	*73,121	*74,871	*76,666	*75,583	*76,421	*77,150	*79,464	*78,209	*77,223											
Durable goods stores # .....			*25,367	*25,705	*25,129	*25,319	*24,718	*25,247	*26,137	*27,048	*25,656	*25,679	*25,943	*27,268	*26,584	*25,556											
Building materials, hardware, garden supply, and mobile home dealers # .....			*3,843	*4,216	*4,185	*4,298	*4,376	*4,408	*4,537	*4,523	*4,505	*4,451	*4,487	*4,679	*4,396	*4,420											
Building materials and supply stores .....			*2,561	*2,824	*2,804	*2,884	*2,949	*2,965	*3,003	*3,023	*3,023	*3,011	*3,060	*3,180	*2,874												
Hardware stores .....			*658	*732	*735	*750	*747	*754	*804	*787	*768	*758	*754	*788	*754												
Automotive dealers .....			*15,342	*15,308	*14,740	*14,708	*13,847	*14,241	*14,935	*15,726	*14,435	*14,518	*16,691	*15,146	*14,048												
Motor vehicle dealers .....			*14,052	*14,011	*13,439	*13,361	*12,487	*12,871	*13,518	*14,298	*13,990	*13,105	*13,192	*14,182	*13,618												
Auto and home supply stores .....			*1,290	*1,297	*1,301	*1,347	*1,360	*1,370	*1,417	*1,428	*1,445	*1,413	*1,426	*1,509	*1,528												
Furniture, home furn., and equip. # .....			*3,313	*3,329	*3,320	*3,392	*3,499	*3,579	*3,665	*3,644	*3,621	*3,570	*3,568	*3,733	*3,623	*3,636											
Furniture, home furnishings stores .....			*2,129	*2,156	*2,135	*2,178	*2,220	*2,281	*2,316	*2,315	*2,297	*2,271	*2,277	*2,363	2,301												
Household appliance, radio, TV .....			*953	*940	*955	*982	*1,034	*1,049	*1,078	*1,067	*1,061	*1,031	*1,022	*1,068	1,004												
Nondurable goods stores .....			*45,899	*46,340	*46,477	*46,973	*47,375	*47,874	*48,734	*49,618	*49,927	*50,742	*51,207	*52,196	*51,625	*51,667											
General merch. group stores .....			*8,641	*8,790	*8,832	*9,010	*8,995	*9,053	*9,275	*9,414	*9,454	*9,671	*9,636	*9,709	*9,434	*9,089											
Department stores .....			*6,994	*7,134	*7,151	*7,296	*7,193	*7,385	*7,518	*7,599	*7,638	*7,819	*7,700	*7,851	*7,685	*7,474											
Variety stores .....			*628	*628	*649	*650	*650	*647	*665	*685	*676	*683	*679	*726	*687												
Food stores .....			*15,326	*15,373	*15,547	*15,662	*15,951	*15,927	*15,955	*16,364	*16,409	*16,566	*16,872	*16,997	*16,728	*17,133											
Grocery stores .....			*14,200	*14,250	*14,395	*14,542	*14,822	*14,788	*14,841	*15,235	*15,311	*15,442	*15,666	*15,739	*15,457	*15,881											
Gasoline service stations .....			*5,412	*5,419	*5,587	*5,726	*5,853	*5,919	*6,236	*6,419	*6,570	*6,672	*6,750	*7,056	*7,250												
Apparel and accessory stores # .....			*3,442	*3,554	*3,438	*3,549	*3,637	*3,709	*3,654	*3,640	*3,650	*3,652	*3,793	*3,793	*3,637	*3,610											
Men's and boys' clothing .....			*717	*734	*681	*732	*730	*752	*761	*754	*736	*722	*719	*696	*683												
Women's clothing, spec. stores, furrriers do.			*1,269	*1,304	*1,320	*1,317	*1,303	*1,333	*1,344	*1,316	*1,316	*1,316	*1,324	*1,420	1,335												
Shoe stores .....			*559	*601	*563	*580	*582	*593	*608	*602	*624	*614	*612	*649	635												
Eating and drinking places .....			*6,154	*6,407	*6,180	*6,227	*6,081	*6,120	*6,181	*6,285	*6,413	*6,572	*6,690	*6,860	*6,736	*6,700											
Drug and proprietary stores .....			*2,182	*2,160	*2,220	*2,244	*2,262	*2,289	*2,305	*2,319	*2,314	*2,368	*2,390	*2,464	*2,452	*2,450											
Liquor stores .....			*1,236	*1,219	*1,238	*1,243	*1,289	*1,320	*1,335	*1,358	*1,319	*1,340	*1,395	1,460	1,462												
Mail-order houses (dept. store mdse.) \$ .....			(*)										463	417													

Unless otherwise stated in footnotes below, data through 1976 and descriptive notes are as shown in the 1977 edition of BUSINESS STATISTICS	1978		1979												1980		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
	DOMESTIC TRADE—Continued																
<b>RETAIL TRADE—Continued</b>																	
Firms with 11 or more stores—Continued																	
Estimated sales (unadjusted)—Continued																	
Nondurable goods stores—Continued																	
Food stores..... mil. \$.	92,737	*102,496	7,579	8,706	7,929	8,530	8,924	8,360	8,749	8,460	8,580	8,968	*9,685	8,786	.....	.....	
Grocery stores..... do.	91,700	*101,270	7,485	8,609	7,820	8,437	8,828	8,263	8,649	8,364	8,480	8,864	*9,526	8,688	.....	.....	
Apparel and accessory stores #																	
Women's clothing, specialty stores, furriers..... mil. \$.	*13,227	*14,285	*761	*1,099	*1,179	*1,096	*1,094	*999	*1,311	*1,190	*1,235	*1,396	*2,111	893	.....	.....	
Family clothing stores..... do.	*5,464	*5,876	*319	*457	*483	*464	*457	*432	*528	*481	*507	*571	*856	350	.....	.....	
Shoe stores..... do.	*3,221	*3,455	*179	*248	*262	*262	*261	*241	*327	*284	*295	*346	*557	205	.....	.....	
Eating places..... do.	3,129	*3,420	185	286	315	262	261	229	321	305	304	320	*421	243	.....	.....	
Drug stores and proprietary stores..... do.	13,758	15,165	1,034	1,303	1,247	1,314	1,312	1,323	1,381	1,279	1,310	1,286	1,322	1,215	.....	.....	
Estimated sales (sea. adj.), total #..... do.	11,971	*13,720	967	1,063	1,079	1,124	1,103	1,102	1,138	1,076	1,117	1,208	*1,736	1,150	.....	.....	
Auto and home supply stores..... do.			*23,493	*23,725	*23,884	*24,310	*24,351	*24,552	*24,963	*25,408	*25,398	*25,780	*26,086	26,232	.....	.....	
Department stores..... do.			275	*275	*269	*280	*270	*272	*278	*284	*286	*281	296	.....	.....	.....	
Variety stores..... do.			*6,580	*6,711	*6,746	*6,868	*6,774	*6,923	*7,052	*7,151	*7,196	*7,361	*7,292	8,368	.....	.....	
Grocery stores..... do.			*508	*501	*521	*520	*522	*513	*526	*531	*520	*531	*530	566	.....	.....	
Apparel and accessory stores..... do.			8,162	*8,183	*8,249	*8,387	*8,472	*8,449	*8,463	*8,614	*8,627	*8,665	*8,903	8,838	.....	.....	
Women's clothing, spec. stores, furriers, shoe stores..... do.			*1,128	*1,203	*1,142	*1,162	*1,161	*1,199	*1,237	*1,189	*1,204	*1,221	*1,210	1,250	.....	.....	
Drug stores and proprietary stores..... do.			*473	*497	*493	*486	*489	*499	*493	*475	*486	*495	*493	509	.....	.....	
All retail stores, accts, receivable, end of yr. or mo.:																	
Total (unadjusted)..... mil. \$.	37,316	*40,387	34,985	34,708	34,894	35,357	35,372	35,272	35,806	36,136	37,108	37,833	*40,387	38,894	.....	.....	
Durable goods stores..... do.	10,903	*11,391	10,146	10,276	10,612	10,958	11,073	11,253	11,340	11,353	11,694	11,376	*11,391	10,851	.....	.....	
Charge accounts..... do.	26,413	*28,996	24,839	24,432	24,282	24,399	24,299	24,019	24,466	24,783	25,414	26,457	*28,996	28,043	.....	.....	
Installment accounts..... do.	11,599	*12,268	10,781	10,955	11,124	11,357	11,441	11,299	11,439	11,652	12,172	12,023	*12,268	11,799	.....	.....	
Total (seasonally adjusted)..... do.	25,717	*28,119	24,204	23,753	23,770	24,000	23,913	23,973	24,367	24,484	24,936	25,810	*28,119	27,095	.....	.....	
Durable goods stores..... do.	34,843	*37,437	35,289	35,220	35,347	35,446	35,555	36,103	36,558	36,710	37,404	37,533	*37,437	37,999	.....	.....	
Charge accounts..... do.	10,823	*11,194	10,672	10,675	10,747	10,864	10,783	11,081	11,140	11,062	11,365	11,224	*11,194	11,323	.....	.....	
Installment accounts..... do.	24,020	*26,243	24,617	24,545	24,600	24,582	24,772	25,022	25,418	25,648	26,039	26,309	*26,243	26,676	.....	.....	
Charge accounts..... do.	11,331	*11,743	11,170	11,050	10,989	10,919	11,174	11,519	11,790	11,872	12,183	11,970	*11,743	12,005	.....	.....	
Installment accounts..... do.	23,512	*25,694	24,119	24,170	24,358	24,527	24,381	24,584	24,768	24,838	25,221	25,563	*25,694	25,994	.....	.....	

LABOR FORCE, EMPLOYMENT, AND EARNINGS

POPULATION OF THE UNITED STATES																
Total, incl. armed forces overseas †..... mil.	*218.72	*220.58	219.84	219.95	220.10	220.25	220.42	220.58	220.78	220.99	221.18	221.36	221.55	221.72	221.87	222.00
<b>LABOR FORCE</b>																
Not Seasonally Adjusted																
Labor force, total (including armed forces), persons..... do.	102,537	104,996	103,343	103,755	103,318	103,551	106,229	107,077	106,453	105,465	106,032	105,811	105,973	105,269	105,343	105,441
Civilian labor force..... do.	100,420	102,908	101,249	101,665	101,236	101,473	104,153	104,995	104,363	103,375	103,939	103,719	103,884	103,188	103,257	103,351
Employed, total..... do.	94,373	96,945	94,765	95,501	95,675	96,220	97,917	98,891	98,226	97,576	98,158	97,943	98,047	96,145	96,264	96,546
Agriculture..... do.	3,342	3,297	2,796	2,925	3,074	3,309	3,785	3,857	3,795	3,545	3,467	3,257	2,995	2,782	2,836	2,962
Nonagricultural industries..... do.	91,031	93,648	91,969	92,576	92,601	92,911	94,132	95,034	94,431	94,030	94,691	94,686	95,052	93,363	93,428	93,584
Unemployed..... do.	6,047	5,963	6,484	6,165	5,561	5,253	6,235	6,104	6,137	5,798	5,781	5,776	5,836	7,043	6,993	6,805
Seasonally Adjusted †																
Civilian labor force..... do.	.....	.....	102,379	102,505	102,198	102,398	102,476	103,093	103,128	103,494	103,595	103,652	103,999	104,229	104,260	104,094
Employed, total..... do.	.....	.....	96,496	96,623	96,254	96,495	96,652	97,184	97,004	97,474	97,608	97,912	97,804	97,953	97,656	.....
Agriculture..... do.	.....	.....	3,307	3,320	3,215	3,246	3,243	3,267	3,315	3,364	3,294	3,385	3,359	3,270	3,326	3,358
Nonagricultural industries..... do.	.....	.....	93,189	93,303	93,039	93,249	93,409	93,917	93,689	94,140	94,180	94,223	94,553	94,534	94,626	94,298
Unemployed..... do.	.....	.....	5,883	5,882	5,944	5,903	5,824	5,909	6,124	5,990	6,121	6,044	6,087	6,425	6,307	6,438
Long-term, 15 weeks and over..... do.	1,379	1,202	1,239	1,291	1,223	1,212	1,152	1,067	1,185	1,152	1,195	1,191	1,230	1,334	1,286	1,363
Rates (unemployed in each group as percent of total in the group):																
All civilian workers.....	6.0	5.8	5.7	5.7	5.8	5.8	5.7	5.7	5.9	5.8	5.9	5.8	5.9	6.2	6.0	6.2
Men, 20 years and over.....	4.2	4.1	3.9	4.0	4.0	3.9	4.0	4.1	4.2	4.2	4.2	4.3	4.2	4.7	4.6	4.9
Women, 20 years and over.....	6.0	5.7	5.7	5.7	5.7	5.7	5.7	5.5	5.9	5.5	5.7	5.6	5.7	5.8	5.7	5.7
Both sexes, 16—19 years.....	16.3	16.1	16.0	15.7	16.3	16.5	15.4	15.8	16.6	16.2	16.4	15.9	16.0	16.3	16.5	15.9
White.....	5.2	5.1	4.9	5.0	5.0	5.0	4.9	5.0	5.3	5.1	5.1	5.1	5.1	5.4	5.3	5.4
Black and other.....	11.9	11.3	11.8	11.3	11.7	11.5	11.2	11.0	11.0	10.8	11.5	10.9	11.3	11.8	11.5	11.8
Married men, wife present.....	2.8	2.7	2.6	2.6	2.7	2.5	2.7	2.8	2.9	2.9	2.9	2.9	2.8	3.4	3.1	3.4
Occupation:																
White-collar workers.....	3.5	3.3	3.4	3.3	3.3	3.2	3.4	3.3	3.5	3.3	3.4	3.2	3.3	3.4	3.4	3.3
Blue-collar workers.....	6.9	6.9	6.5	6.6	6.9	6.8	6.6	6.8	7.3	7.1	7.2	7.5	7.2	8.0	7.7	8.0
Industry of last job (nonagricultural):																
Private wage and salary workers.....	5.9	5.7	5.6	5.6	5.7	5.7	5.6	5.7	6.0	5.8	5.9	5.8	5.8	6.2	6.0	6.2
Construction.....	10.6	10.2	10.9	10.1	10.5	10.0	10.0	10.0	10.1	9.6	9.9	10.2	10.3	10.8	10.5	13.0
Manufacturing.....	5.5	5.5	4.9	5.2	5.3	5.4	5.4	5.7	5.9	6.0	6.0	5.9	5.9	6.7	6.4	6.5
Durable goods.....	4.9	5.0	4.2	4.4	4.7	4.4	4.9	5.4	5.4	5.3	5.5	5.6	5.5	6.7	6.3	6.4
<b>EMPLOYMENT †</b>																
Employees on payrolls of nonagricultural estab.:																
Total, not adjusted for seasonal variation..... thous.	86,446	89,497	87,331	88,207	88,820	89,671	90,541	89,618	89,673	90,211	90,678	90,902	91,009	*89,285	*89,346	*89,774
Private sector (excl. government)..... do.	70,970	73,884	71,613	72,408	72,995	73,813	74,778	74,598	74,742	72,919	74,915	74,974	75,094	*73,555	*73,377	*73,727
Seasonally Adjusted †																
Total employees, nonagricultural payrolls..... do.	86,446	89,497	88,700	89,039	89,036	89,398	89,626	89,713	89,762	89,803	89,982	90,100	*90,241	*90,652	*90,774	*90,634
Private sector (excl. government)..... do.	70,970	73,884	73,205	73,529	73,472	73,800	73,989	74,078	74,063	74,130	74,308	74,407	74,545	*74,946	*75,030	*74,880
Nonmanufacturing industries..... do.	50,494	52,905	52,180	52,456	52,406	52,741	52,926	52,999	53,106	53,181	53,409	53,571	*53,664	*54,056	*54,141	*54,032
Goods-producing..... do.	25,597	26,579	26,448	26,627	26,565	26,651	26,674	26,723	26,599	26,593	26,572	26,533	26,655	*26,783	*26,719	*26,549
Mining..... do.	851	958	937	940	940	944	949	956	968	973	979	983	991	*1,000	*1,000	*1,006
Construction..... do.	4,271	4,642	4,486	4,614	4,559	4,648	4,662	4,688	4,674	4,671	4,694	4,714	4,783	4,893	*4,860	*4,695

See footnotes at end of tables.



Unless otherwise stated in footnotes below, data through 1976 and descriptive notes are as shown in the 1977 edition of BUSINESS STATISTICS	1978	1979	1979												1980		
	Annual	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.		
<b>LABOR FORCE, EMPLOYMENT, AND EARNINGS—Continued</b>																	
<b>EMPLOYMENT †—Continued</b>																	
<b>Seasonally Adjusted †</b>																	
<b>Employees on nonag. payrolls—Continued</b>																	
<b>Goods-producing—Continued</b>																	
Manufacturing.....thous.	20,476	20,979	21,025	21,073	21,066	21,059	21,063	21,079	20,957	20,949	20,899	20,836	20,881	*20,890	*20,889	*20,848	
Durable goods.....do.....	12,246	12,694	12,715	12,751	12,752	12,739	12,760	12,786	12,714	12,737	12,650	12,587	12,615	*12,601	*12,648	*12,616	
Lumber and wood products.....do.....	752	769	768	769	761	762	757	753	752	758	760	751	740	*737	*736	*724	
Furniture and fixtures.....do.....	491	487	496	493	490	487	485	488	484	480	482	483	483	*484	*481	*482	
Stone, clay and glass products.....do.....	698	711	712	718	714	715	715	711	710	708	709	704	706	*708	*709	*702	
Primary metal industries.....do.....	1,213	1,254	1,256	1,259	1,260	1,254	1,257	1,256	1,245	1,236	1,226	1,223	1,208	*1,208	*1,210	*1,204	
Fabricated metal products §.....do.....	1,673	1,727	1,733	1,732	1,732	1,730	1,737	1,730	1,714	1,716	1,723	1,726	1,725	*1,712	*1,723	*1,721	
Machinery, except electrical.....do.....	2,319	2,464	2,437	2,450	2,466	2,471	2,484	2,500	2,492	2,496	2,455	2,434	2,444	*2,512	*2,513	*2,517	
Electric and electronic equipment @.....do.....	2,000	2,110	2,079	2,093	2,101	2,106	2,124	2,131	2,092	2,117	2,125	2,125	2,140	*2,149	*2,148	*2,150	
Transportation equipment §.....do.....	1,992	2,049	2,094	2,094	2,084	2,077	2,057	2,073	2,079	2,086	2,025	1,994	2,019	*1,938	*1,976	*1,958	
Instruments and related products.....do.....	654	691	682	685	689	688	693	694	695	692	696	694	698	*700	*702	*707	
Miscellaneous manufacturing.....do.....	454	452	458	458	455	449	451	450	451	448	449	449	452	*453	*450	*451	
Nondurable goods.....do.....	8,230	8,285	8,310	8,322	8,314	8,320	8,303	8,293	8,243	8,212	8,249	8,249	8,266	*8,289	*8,241	*8,232	
Food and kindred products.....do.....	1,721	1,717	1,729	1,736	1,728	1,725	1,720	1,707	1,696	1,691	1,707	1,710	1,715	*1,707	*1,706	*1,692	
Tobacco manufactures.....do.....	70	66	68	69	69	70	69	68	64	65	65	60	62	*64	*65	*65	
Textile mill products.....do.....	900	892	899	897	892	893	892	892	886	884	887	889	893	*891	*890	*893	
Apparel and other textile products.....do.....	1,333	1,313	1,327	1,324	1,325	1,324	1,312	1,324	1,302	1,294	1,299	1,292	1,297	*1,309	*1,313	*1,315	
Paper and allied products.....do.....	701	714	711	716	717	714	715	718	717	714	715	714	713	*718	*717	*717	
Printing and publishing.....do.....	1,193	1,243	1,229	1,232	1,234	1,236	1,242	1,250	1,247	1,245	1,252	1,262	1,263	*1,273	*1,278	*1,280	
Chemicals and allied products.....do.....	1,096	1,113	1,108	1,108	1,111	1,114	1,119	1,116	1,111	1,110	1,113	1,114	1,113	*1,123	*1,122	*1,122	
Petroleum and coal products.....do.....	209	214	212	213	213	213	212	212	213	217	217	217	217	*219	*219	*165	
Rubber and plastics products, nec.....do.....	752	768	779	780	781	784	775	777	764	751	751	749	745	*745	*743	*744	
Leather and leather products.....do.....	256	244	248	247	244	247	247	229	243	243	243	242	242	*240	*240	*239	
Service-producing.....do.....	60,849	62,918	62,252	62,412	62,471	62,747	62,952	62,990	63,163	63,210	63,410	63,567	63,586	*63,869	*64,055	*64,085	
Transportation and public utilities.....do.....	4,927	5,154	5,094	5,116	5,024	5,130	5,190	5,169	5,194	5,180	5,218	5,229	5,223	*5,212	*5,191	*5,197	
Wholesale and retail trade.....do.....	19,499	20,140	20,016	20,054	20,088	20,129	20,116	20,122	20,126	20,169	20,243	20,308	20,254	*20,428	*20,530	*20,499	
Wholesale trade.....do.....	4,957	5,173	5,118	5,134	5,138	5,156	5,180	5,182	5,185	5,190	5,209	5,235	5,218	*5,248	*5,265	*5,263	
Retail trade.....do.....	14,542	14,968	14,898	14,920	14,950	14,973	14,936	14,940	14,941	14,979	15,034	15,073	15,036	*15,180	*15,265	*15,236	
Finance, insurance, and real estate.....do.....	4,727	4,964	4,884	4,899	4,915	4,935	4,958	4,972	5,003	4,997	5,018	5,039	5,056	*5,081	*5,085	*5,091	
Services.....do.....	16,220	17,047	16,763	16,833	16,880	16,954	17,051	17,092	17,141	17,191	17,257	17,298	17,357	*17,442	*17,505	*17,544	
Government.....do.....	15,476	15,613	15,495	15,510	15,564	15,598	15,637	15,635	15,669	15,673	15,674	15,693	15,696	*15,706	*15,744	*15,754	
Federal.....do.....	2,753	2,773	2,757	2,757	2,758	2,770	2,788	2,785	2,813	2,762	2,770	2,771	2,771	*2,791	*2,823	*2,822	
State and local.....do.....	12,723	12,840	12,738	12,753	12,806	12,828	12,849	12,850	12,886	12,911	12,904	12,922	12,925	*12,915	*12,921	*12,932	
Production or nonsupervisory workers on private nonag. payrolls, not seas. adjusted.....thous.	58,109	60,370	58,392	59,108	59,628	60,371	61,187	60,961	61,066	61,212	61,250	61,282	61,397	*59,827	*59,652	*59,961	
Manufacturing.....do.....	14,714	15,017	14,908	14,993	15,002	15,061	15,240	14,946	14,956	14,957	14,894	14,954	14,891	*14,674	*14,608	*14,641	
<b>Seasonally Adjusted †</b>																	
<b>Production or nonsupervisory workers on private nonagricultural payrolls †.....thous.</b>																	
Goods-producing.....do.....	18,740	19,443	19,409	19,555	19,475	19,542	19,537	19,560	19,419	19,418	19,371	19,314	19,421	*19,507	*19,406	*19,233	
Mining.....do.....	638	718	707	707	708	708	709	713	723	730	733	733	739	*746	*744	*747	
Construction.....do.....	3,388	3,708	3,574	3,695	3,633	3,722	3,732	3,757	3,731	3,729	3,744	3,752	3,817	*3,913	*3,841	*3,694	
Manufacturing.....do.....	14,714	15,017	15,128	15,153	15,134	15,112	15,096	15,090	14,965	14,957	14,894	14,829	14,865	*14,848	*14,821	*14,792	
Durable goods.....do.....	8,786	9,058	9,138	9,158	9,146	9,119	9,123	9,124	9,056	9,066	8,972	8,908	8,931	*8,894	*8,923	*8,900	
Lumber and wood products.....do.....	645	647	655	657	649	649	646	643	640	646	649	639	627	*623	*621	*610	
Furniture and fixtures.....do.....	404	398	406	404	401	397	395	398	395	392	394	394	394	*395	*392	*392	
Stone, clay, and glass products.....do.....	555	561	564	569	563	564	565	560	557	557	557	553	554	*556	*555	*550	
Primary metal industries.....do.....	953	979	992	995	995	987	991	988	973	970	960	954	943	*942	*942	*938	
Fabricated metal products §.....do.....	1,271	1,306	1,317	1,315	1,314	1,310	1,316	1,309	1,293	1,295	1,298	1,300	1,298	*1,286	*1,298	*1,296	
Machinery, except electrical.....do.....	1,524	1,618	1,610	1,615	1,625	1,628	1,632	1,641	1,631	1,637	1,601	1,591	1,590	*1,642	*1,640	*1,643	
Electric and electronic equipment @.....do.....	1,312	1,379	1,369	1,378	1,384	1,384	1,393	1,395	1,363	1,375	1,380	1,376	1,371	*1,397	*1,392	*1,394	
Transportation equipment §.....do.....	1,377	1,405	1,456	1,445	1,446	1,438	1,417	1,426	1,438	1,433	1,371	1,342	1,371	*1,280	*1,312	*1,302	
Instruments and related products.....do.....	401	421	421	422	423	421	424	422	422	420	421	418	421	*422	*424	*431	
Miscellaneous manufacturing.....do.....	346	344	348	348	346	341	344	342	344	341	341	341	345	*345	*343	*344	
Nondurable goods.....do.....	5,928	5,959	5,990	5,995	5,988	5,993	5,973	5,966	5,909	5,891	5,922	5,921	5,934	*5,954	*5,898	*5,892	
Food and kindred products.....do.....	1,171	1,177	1,184	1,191	1,187	1,184	1,181	1,170	1,160	1,153	1,169	1,171	1,180	*1,175	*1,172	*1,155	
Tobacco manufactures.....do.....	55	52	54	55	56	56	55	54	49	52	52	46	48	*50	*50	*50	
Textile mill products.....do.....	784	777	783	781	777	778	777	778	770	769	772	776	778	*779	*779	*779	
Apparel and other textile products.....do.....	1,145	1,122	1,137	1,131	1,133	1,122	1,130	1,108	1,104	1,109	1,109	1,102	1,106	*1,117	*1,120	*1,121	
Paper and allied products.....do.....	526	542	537	542	543	541	541	547	545	543	543	542	542	*544	*545	*547	
Printing and publishing.....do.....	672	702	694	696	696	700	701	707	705	703	708	715	713	*720	*722	*723	
Chemicals and allied products.....do.....	628	637	636	635	636	636	640	639	634	635	637	638	641	*643	*640	*645	
Petroleum and coal products.....do.....	136	140	139	139	140	139	139	138	139	140	140	141	142	*142	*142	*142	
Rubber and plastics products, nec.....do.....	589	602	614	614	614	616	607	609	594	585	585	585	580	*581	*578	*580	
Leather and leather products.....do.....	219	208	212	211	210	210	194	205	207	207	205	204	203	*203	*203	*203	
Service-producing.....do.....	39,369	40,927	40,474	40,606	40,576	40,784	40,958	40,984	41,055	41,112	41,297	41,432	41,420	*41,635	*41,792	*41,785	
Transportation and public utilities.....do.....	4,147	4,316	4,268	4,283	4,197	4,293	4,351	4,337	4,345	4,334	4,370	4,380	4,368	*4,350	*4,336	*4,344	
Wholesale and retail trade.....do.....	17,181	17,702	17,618	17,648	17,662	17,691	17										

Unless otherwise stated in footnotes below, data through 1976 and descriptive notes are as shown in the 1977 edition of BUSINESS STATISTICS	1978	1979	1979												1980		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	

LABOR FORCE, EMPLOYMENT, AND EARNINGS—Continued

AVERAGE HOURS PER WEEK †—Cont.																
Seasonally Adjusted—Continued																
Average weekly hours per worker—Cont.																
Manufacturing—Continued																
Durable goods—Continued																
Fabricated metal products §	41.0	40.7	41.3	41.3	39.1	40.7	40.7	40.8	40.6	40.7	40.9	40.7	41.0	40.9	40.8	*40.6
Machinery, except electrical	42.0	41.8	42.5	42.4	40.5	42.0	41.9	41.6	41.9	41.6	41.6	41.6	41.6	*41.7	*41.5	*41.3
Electric and electronic equipment @	40.3	40.3	40.7	40.7	39.0	40.4	40.3	40.2	39.8	40.3	40.6	40.6	40.5	*40.4	*40.3	*40.2
Transportation equipment §	42.2	41.2	42.7	42.3	37.9	41.5	40.8	40.9	41.7	40.6	41.3	40.6	41.0	*41.0	*40.4	*40.0
Instruments and related products	40.9	40.8	41.2	41.2	40.3	40.8	40.6	40.7	40.5	40.6	40.7	41.0	40.8	*41.5	*41.0	*40.7
Miscellaneous manufacturing	38.8	38.9	39.0	39.0	37.6	38.6	38.9	39.3	39.1	39.1	39.1	39.1	39.2	*39.5	*39.1	*38.6
Nondurable goods	39.4	39.3	39.3	39.4	38.6	39.2	39.2	39.2	39.2	39.3	39.3	39.4	39.4	39.5	39.3	*39.0
Overtime hours	3.2	3.1	3.2	3.3	2.7	3.0	3.0	3.0	3.0	3.1	3.0	3.2	3.1	3.1	3.0	*3.0
Food and kindred products	39.7	39.8	39.8	40.0	39.6	39.8	39.8	39.8	39.7	40.0	39.9	40.0	39.9	*40.0	*39.7	*39.4
Tobacco manufactures	38.1	38.0	36.9	38.0	37.6	38.9	37.6	38.5	38.0	38.6	38.3	37.8	38.8	38.5	*37.8	*37.6
Textile mill products	40.4	40.4	40.1	40.3	38.8	40.0	40.1	40.1	40.1	40.6	40.8	41.1	41.0	*41.7	*41.1	*40.6
Apparel and other textile products	35.6	35.2	35.4	35.4	34.2	35.2	35.2	35.3	35.3	35.3	35.3	35.3	35.6	35.9	*35.9	*35.4
Paper and allied products	42.9	42.6	42.7	42.8	41.8	42.6	42.5	42.5	42.6	42.4	42.6	42.7	42.9	42.8	*42.8	*42.6
Printing and publishing	37.6	37.5	37.7	37.7	37.1	37.4	37.4	37.5	37.7	37.5	37.4	37.6	37.4	*37.8	*37.4	*37.3
Chemicals and allied products	41.9	41.9	42.0	41.9	41.7	41.9	41.7	41.9	42.0	41.7	41.7	41.9	41.7	*42.0	*41.9	*41.8
Petroleum and coal products	43.6	43.8	43.6	44.0	43.9	43.7	43.3	43.6	43.7	44.1	43.7	44.4	43.5	*36.6	*40.4	*39.0
Rubber and plastics products, nec	40.9	40.5	41.2	41.3	39.7	40.9	40.7	40.6	40.2	40.3	40.3	40.0	39.9	40.6	*39.9	*40.0
Leather and leather products	37.1	36.5	36.4	36.3	35.6	36.1	36.4	36.6	36.5	37.0	36.5	36.7	36.9	*37.2	*37.4	*36.7
Transportation and public utilities	40.0	39.9	40.0	40.0	39.2	39.8	39.8	39.7	39.9	39.9	39.9	40.2	39.8	*39.9	*39.8	*40.0
Wholesale and retail trade	32.9	32.6	32.5	32.7	32.8	32.6	32.6	32.6	32.5	32.6	32.6	32.7	32.6	*32.5	*32.3	*32.4
Wholesale trade	38.8	38.8	38.7	39.0	38.7	39.0	38.8	38.8	38.7	38.7	38.8	38.9	38.9	*38.8	*38.7	*38.6
Retail trade	31.0	30.6	30.6	30.7	30.9	30.6	30.6	30.6	30.5	30.7	30.6	30.7	30.6	*30.5	*30.3	*30.4
Finance, insurance, and real estate	36.4	36.3	36.4	36.4	36.5	36.1	36.2	36.3	36.1	36.4	36.2	36.5	36.4	36.2	36.3	*36.5
Services	32.8	32.7	32.6	32.8	32.7	32.7	32.7	32.8	32.7	32.7	32.6	32.7	32.9	32.7	32.7	*32.8
AGGREGATE EMPLOYEE-HOURS †																
Seasonally Adjusted																
Employee-hours, wage & salary workers in non-agric. establish, for 1 week in the month, seas adj. at annual rate	163.85	168.88	167.83	169.22	166.62	168.46	169.20	169.27	169.10	169.51	169.50	169.79	170.55	*171.02	*170.72	
Total private sector	133.27	138.20	137.20	138.39	137.38	137.78	138.22	138.23	138.16	138.71	138.62	139.36	139.73	*139.71	*139.61	
Mining	1.92	2.14	2.09	2.11	2.09	2.10	2.13	2.09	2.20	2.21	2.16	2.21	2.25	*2.28	*2.27	
Construction	8.17	10.68	8.46	8.98	8.43	8.96	9.06	8.98	9.07	9.16	8.98	9.07	9.32	*9.12	*9.19	
Manufacturing	42.75	43.71	44.22	44.35	43.92	43.71	43.65	43.70	43.27	43.37	43.42	43.29	43.51	*43.68	*43.54	
Transportation and public utilities	10.24	10.70	10.60	10.66	10.36	10.63	10.73	10.68	10.77	10.75	10.82	10.94	10.82	*10.78	*10.69	
Wholesale and retail trade	33.44	34.30	34.04	34.22	34.43	34.23	34.27	34.17	34.23	34.40	34.41	34.68	34.52	*34.54	*34.52	
Finance, insurance, and real estate	8.96	9.39	9.26	9.28	9.32	9.29	9.34	9.39	9.41	9.48	9.48	9.56	9.59	*9.62	*9.60	
Services	27.78	29.07	28.54	28.80	28.81	28.86	29.05	29.21	29.25	29.33	29.36	29.59	29.72	*29.80	*29.80	
Government	30.58	30.68	30.63	30.83	29.24	30.68	30.98	31.05	30.94	30.80	30.88	30.44	30.82	*31.31	*31.33	
Indexes of employee-hours (aggregate weekly): ¶																
Private nonagric. payrolls, total, 1967=100	121.3	125.4	124.7	125.7	123.6	125.4	125.7	125.7	125.5	125.9	125.8	126.3	*126.6	*127.1	*126.5	*125.9
Goods-producing	106.0	109.6	110.2	111.3	106.8	110.3	110.1	109.9	109.4	109.7	109.0	108.7	*109.6	*110.6	*109.0	*106.9
Mining	138.0	185.4	152.5	152.5	152.0	151.6	152.5	148.4	156.7	157.4	158.1	158.4	162.3	*165.7	*161.9	*163.0
Construction	119.9	132.4	126.7	132.7	124.9	133.7	134.4	133.9	134.5	135.4	132.7	133.7	137.1	*142.5	*136.9	*127.3
Manufacturing	102.4	104.0	105.8	106.0	102.0	104.7	104.3	104.4	103.3	103.4	103.1	102.5	*102.9	*103.0	*102.2	*101.4
Durable goods	104.9	107.4	109.9	110.1	105.0	108.3	107.9	107.9	106.8	107.1	106.2	105.1	*105.6	105.3	*104.9	*104.1
Nondurable goods	98.8	99.0	99.8	100.1	97.8	99.5	99.1	99.1	98.2	98.1	98.5	98.8	*99.0	*99.7	*98.3	*97.4
Service-producing	131.9	136.4	134.8	135.8	135.3	135.9	136.5	136.7	136.6	137.2	137.5	138.5	138.4	*138.6	*138.7	*139.1
Transportation and public utilities	110.1	114.2	113.3	113.7	109.2	113.4	115.0	114.2	115.2	114.9	115.8	116.9	115.8	*115.2	*114.6	*115.4
Wholesale and retail trade	127.4	130.2	129.3	130.2	130.6	130.2	130.0	129.9	129.6	130.4	130.7	131.6	130.9	*131.6	*131.5	*131.3
Wholesale trade	127.4	132.5	130.8	132.3	131.3	132.8	132.7	132.4	132.5	133.4	134.3	134.3	*134.1	*134.3	*134.3	*133.8
Retail trade	127.3	129.3	128.7	129.3	130.3	129.1	128.9	128.9	128.5	129.6	129.7	130.5	*129.7	*130.5	*130.4	*130.4
Finance, insurance, and real estate	139.6	145.9	144.1	144.6	145.5	144.5	145.7	146.5	146.3	147.1	146.7	148.3	*148.3	*148.3	*148.9	*149.6
Services	146.1	152.6	149.5	151.1	151.0	151.7	152.6	153.5	153.4	153.8	154.1	155.2	*156.5	*156.2	*156.9	*157.9
HOURLY AND WEEKLY EARNINGS †																
Average hourly earnings per worker: ¶																
Not seasonally adjusted:																
Private nonagric. payrolls	5.69	6.16	6.00	6.02	6.03	6.09	6.12	6.16	6.19	6.31	6.32	6.35	6.39	6.42	6.46	*6.50
Mining	7.67	8.49	8.21	8.27	8.54	8.45	8.49	8.52	8.48	8.57	8.57	8.70	8.73	*8.85	*8.92	*9.01
Construction	8.65	9.25	9.02	8.97	9.02	9.14	9.13	9.24	9.32	9.51	9.49	9.50	9.57	*9.47	*9.62	*9.64
Manufacturing	6.17	6.69	6.52	6.56	6.54	6.63	6.66	6.71	6.69	6.80	6.82	6.86	6.97	*6.96	*6.99	*7.05
Excluding overtime	5.91	6.42	6.25	6.28	6.34	6.36	6.39	6.45	6.42	6.51	6.54	6.58	6.69	6.70	*6.74	*6.80
Durable goods	6.58	7.12	6.96	6.99	6.95	7.07	7.11	7.15	7.12	7.24	7.25	7.29	7.41	*7.39	*7.45	*7.53
Excluding overtime	6.29	6.83	6.64	6.68	6.73	6.77	6.81	6.86	6.84	6.93	6.95	6.99	7.11	*7.12	*7.18	*7.25
Lumber and wood products	5.60	6.09	5.83	5.84	5.90	5.97	6.16	6.23	6.23	6.32	6.24	6.23	6.25	*6.22	*6.33	*6.36
Furniture and fixtures	4.68	5.06	4.93	4.95	4.94	4.97	5.05	5.04	5.10	5.18	5.20	5.23	5.27	*5.27	*5.33	*5.37
Stone, clay, and glass products	6.32	6.84	6.58	6.64	6.73	6.78	6.85	6.89	6.90	6.98	7.00	7.07	7.10	*7.05	*7.13	*7.26
Primary metal industries	8.20	8.98	8.75	8.75	8.92	8.83	8.91	9.04	9.10	9.16	9.10	9.26	9.28	*9.30	*9.43	*9.51
Fabricated metal products §	6.34	6.82	6.65	6.72	6.62	6.77	6.81	6.80	6.83	6.93	6.96	6.99	7.12	7.06	*7.12	*7.19
Machinery, except electrical	6.77	7.33	7.16	7.19	7.10	7.25	7.34	7.35	7.35	7.48	7.45	7.51	7.65	*7.67	*7.71	*7.77
Electric and electronic equipment @	5.82	6.31	6.13	6.16	6.11	6.21	6.25	6.27	6.36	6.46	6.45	6.51	6.64	*6.67	*6.71	*6.75
Transportation equipment §	7.91	8.52	8.35	8.42	8.26	8.56	8.53	8.55	8.44	8.59	8.67	8.68	8.90			

Unless otherwise stated in footnotes below, data through 1976 and descriptive notes are as shown in the 1977 edition of BUSINESS STATISTICS	1978	1979	1979										1980				
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
<b>LABOR FORCE, EMPLOYMENT, AND EARNINGS—Continued</b>																	
<b>HOURLY AND WEEKLY EARNINGS †—Cont.</b>																	
Average hourly earnings per worker—Cont.																	
Seasonally adjusted:																	
Private nonagricultural payrolls .....	dollars..	5.69	6.16	6.00	6.04	6.04	6.09	6.13	6.18	6.22	6.26	6.28	6.33	*6.39	*6.42	6.45	*6.50
Mining .....	do....	7.67	8.49	8.23	8.28	8.56	8.43	8.49	8.49	8.57	8.50	8.57	8.71	*8.76	*8.82	8.94	*9.02
Construction .....	do....	8.65	9.25	9.06	9.03	9.11	9.20	9.19	9.27	9.32	9.38	9.38	9.45	*9.53	*9.43	9.66	*9.71
Manufacturing .....	do....	6.17	6.69	6.51	6.56	6.56	6.65	6.68	6.72	6.74	6.78	6.82	6.87	*6.91	*6.93	6.98	*7.05
Transportation and public utilities .....	do....	7.57	8.17	7.92	7.96	7.91	7.99	8.09	8.21	8.30	8.37	8.39	8.48	*8.53	*8.54	8.60	*8.69
Wholesale and retail trade .....	do....	4.67	5.06	4.93	4.96	4.99	5.00	5.03	5.07	5.10	5.12	5.14	5.19	*5.23	*5.30	5.31	*5.36
Finance, insurance, and real estate .....	do....	4.90	5.28	5.14	5.16	5.22	5.21	5.23	5.30	5.32	5.40	5.38	5.45	*5.51	*5.51	5.54	*5.68
Services .....	do....	4.99	5.36	5.22	5.24	5.27	5.26	5.31	5.35	5.39	5.45	5.46	5.52	*5.58	*5.60	5.63	*5.70
Indexes of avg. hourly earnings, seas. adj.: †																	
Private nonfarm economy:																	
Current dollars .....	1967=100..	212.9	229.8	224.0	225.2	226.8	227.5	229.0	230.9	232.2	234.3	234.9	237.3	239.5	*240.5	*242.5	*245.0
1967 dollars † .....	do....	109.0	105.6	107.8	107.3	106.9	106.1	105.7	105.6	105.1	104.9	104.2	104.1	103.8	*102.8	102.2	.....
Mining .....	do....	240.9	263.7	253.7	256.1	264.1	262.7	264.9	266.9	265.6	266.1	268.0	271.6	273.2	*274.0	*276.2	*279.9
Construction .....	do....	207.6	221.1	216.7	216.5	218.1	220.4	220.4	222.1	223.1	224.4	224.0	225.8	227.6	*225.1	*230.0	*231.2
Manufacturing .....	do....	215.8	234.6	227.2	228.7	231.0	232.3	233.9	235.4	236.9	238.7	240.0	242.1	244.3	*245.3	*248.0	*250.2
Transportation and public utilities .....	do....	231.0	249.4	241.7	243.1	241.7	243.7	246.4	251.3	252.6	255.6	255.8	258.9	260.7	*261.2	*263.0	*265.7
Wholesale and retail trade .....	do....	206.7	223.7	218.1	219.4	220.9	221.0	222.6	223.8	225.4	227.0	227.4	229.5	231.3	*234.7	*235.4	*237.6
Finance, insurance, and real estate .....	do....	194.8	209.8	204.2	204.8	207.5	207.0	208.0	210.8	211.5	214.4	213.1	216.2	218.5	*218.6	*220.7	*225.8
Services .....	do....	212.4	227.7	222.2	223.3	225.0	224.3	225.7	227.0	228.4	231.4	232.3	234.7	237.7	*238.0	*239.7	*242.1
Hourly wages, not seasonally adjusted:																	
Construction wages, 20 cities (ENR): ‡																	
Common labor .....	\$ per hr..	10.08	10.78	10.40	10.40	10.40	10.43	10.70	11.00	11.05	11.10	11.12	11.20	11.21	11.22	11.25	11.27
Skilled labor .....	do....	13.36	14.22	13.79	13.80	13.81	13.90	14.11	14.37	14.45	14.51	14.65	14.77	14.77	14.78	14.82	14.82
Farm (U.S.) wage rates, hired workers, by method of pay:																	
All workers, including piece-rate .....	\$ per hr..	3.09	3.39	.....	.....	3.40	.....	.....	3.23	.....	.....	3.56	.....	.....	.....	.....	.....
All workers, other than piece-rate .....	do....	3.04	3.34	.....	.....	3.35	.....	.....	3.20	.....	.....	3.50	.....	.....	.....	.....	.....
Workers receiving cash wages only .....	do....	3.22	3.58	.....	.....	3.64	.....	.....	3.41	.....	.....	3.72	.....	.....	.....	.....	.....
Workers paid per hour, cash wages only .....	do....	3.10	3.41	.....	.....	3.42	.....	.....	3.30	.....	.....	3.58	.....	.....	.....	.....	.....
Railroad wages (average, class I) .....	do....	7.905	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Avg. weekly earnings per worker, private nonfarm: †																	
Current dollars, seasonally adjusted .....	do....	203.83	219.62	214.20	216.84	213.21	217.41	218.23	220.01	221.43	223.48	223.57	225.98	*228.12	*229.19	*228.98	*230.45
1967 dollars, seasonally adjusted † .....	do....	104.31	100.91	103.13	103.31	100.48	101.40	100.75	100.60	100.24	100.04	99.19	99.16	*98.73	*97.94	*85.06	*95.82
Spendable earnings (worker with 3 dependents):																	
Current dollars, seasonally adjusted .....	do....	180.80	194.62	190.33	192.43	189.61	192.88	193.52	194.90	196.01	197.58	197.65	199.48	*201.38	*201.92	*202.87	*202.87
1967 dollars, seasonally adjusted † .....	do....	92.54	89.41	91.66	91.68	89.35	89.96	89.34	89.12	88.73	88.44	87.69	87.53	*87.06	*86.29	*85.06	*84.35
Current dollars, not seasonally adjusted:																	
Private nonfarm, total .....																	
Mining .....	dollars..	203.70	219.91	212.40	214.91	211.65	216.20	219.71	221.76	222.84	225.90	225.62	226.06	229.40	225.34	226.75	228.80
Construction .....	do....	332.11	365.07	349.75	354.78	363.80	361.66	367.62	355.28	365.49	372.80	374.51	380.19	383.25	*384.09	*383.56	*391.03
Manufacturing .....	do....	270.92	318.74	274.97	287.65	281.42	295.71	297.02	348.35	354.16	360.43	356.82	346.75	355.05	*332.40	*342.47	*342.22
Durable goods .....	do....	249.27	268.94	262.10	266.34	254.41	265.86	269.06	267.73	267.60	274.04	274.85	277.14	285.07	*277.01	*277.50	*280.59
Nondurable goods .....	do....	270.44	290.50	286.06	289.39	273.14	288.46	291.51	288.86	287.65	295.39	295.80	297.43	308.26	*297.82	*299.49	*303.46
Transportation and public utilities .....	do....	217.88	235.80	226.40	229.91	225.38	231.08	234.04	236.38	237.98	241.96	241.92	245.92	249.77	*244.92	*243.90	*245.07
Wholesale and retail trade .....	do....	302.80	325.98	316.01	314.42	307.32	314.42	321.20	329.20	336.47	337.16	337.16	342.50	342.00	*338.12	*341.42	*343.08
Wholesale trade .....	do....	153.64	164.96	159.54	161.35	162.50	162.00	165.16	168.17	167.66	167.75	167.38	167.83	170.42	*170.35	*170.98	*172.16
Retail trade .....	do....	228.14	247.54	238.46	242.35	243.18	244.68	247.26	249.21	248.96	252.59	253.24	255.57	261.19	*258.72	*258.82	*261.80
Finance, insurance, and real estate .....	do....	130.20	138.62	139.96	141.59	146.83	151.70	149.85	142.07	141.93	140.61	139.54	140.45	142.91	*142.44	*142.44	*144.00
Services .....	do....	178.36	191.66	188.92	187.31	190.37	188.44	188.96	192.50	191.50	195.29	194.93	197.29	199.84	*201.47	*203.28	*206.75
	do....	163.67	175.27	170.75	171.48	171.93	171.28	173.38	176.16	175.96	178.22	178.65	180.60	183.68	183.63	*184.93	*186.47
<b>HELP-WANTED ADVERTISING</b>																	
Seasonally adjusted index .....	1967=100..	149	158	158	156	155	154	153	155	155	159	167	158	159	154	151	.....
<b>LABOR TURNOVER</b>																	
Manufacturing establishments:																	
Unadjusted for seasonal variation:																	
Accession rate, total .....																	
New hires .....	mo. rate per 100 employees..	4.1	4.0	3.4	3.8	3.9	4.7	4.8	4.3	4.9	4.4	4.1	2.9	2.2	3.8	.....	.....
Separation rate, total .....	do....	3.1	3.0	2.5	2.8	2.9	3.6	3.8	3.1	3.7	3.4	3.1	2.2	1.5	2.4	.....	.....
Quit .....	do....	3.9	4.0	3.2	3.6	3.6	3.9	3.9	4.3	5.7	4.7	4.2	3.8	3.5	4.1	.....	.....
Layoff .....	do....	2.1	2.0	1.6	1.9	2.0	2.1	2.1	2.0	3.3	2.7	2.1	1.6	1.1	1.6	.....	.....
Seasonally adjusted:	do....	0.9	1.1	0.8	0.8	0.9	0.7	0.8	1.4	1.3	1.1	1.2	1.5	1.7	1.6	.....	.....
Accession rate, total .....	do....	.....	.....	4.2	4.0	3.9	4.0	4.0	3.9	3.7	3.8	4.1	3.9	4.0	4.1	.....	.....
New hires .....	do....	.....	.....	3.3	3.1	3.0	3.0	3.0	2.8	2.7	2.8	2.9	3.0	3.0	2.9	.....	.....
Separation rate, total .....	do....	.....	.....	4.0	3.9	3.9	4.0	4.1	4.0	4.3	3.9	3.9	4.1	4.0	4.2	.....	.....
Quit .....	do....	.....	.....	2.2	2.1	2.1	2.0	2.0	1.9	1.9	1.9	2.0	2.0	1.9	2.0	.....	.....
Layoff .....	do....	.....	.....	0.9	0.9	1.1	1.0	1.1	1.2	1.5	1.2	1.1	1.3	1.2	1.3	.....	.....
<b>UNEMPLOYMENT INSURANCE</b>																	
Unemployment insurance programs:																	
Insured unemployment, all programs, average weekly # @ .....																	
State programs (excl. extended duration prov.):	thous..	3,311	2,592	3,209	2,921	2,610	2,230	2,119	2,429	2,377	2,164	2,236	2,559	3,047	3,740	.....	.....
Initial claims .....	do....	18,014	19,946	1,576	1,396	1,589	1,309	1,400	1,978	1,545	1,219	1,641	1,826	2,246	.....	.....	.....
Insured unemployment, avg. weekly .....	do....	2,358	2,435	3,053	2,750	2,440	2,078	1,991	2,300	2,245	2,024	2,057	2,384	2,864	.....	.....	.....
Percent of covered employment: @@	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Unadjusted .....	.....	3.3	3.0	4.0	3.6	3.1	2.6	2.5	2.8	2.7	2.4	2.4	2.8	3.4	4.1	.....	.....
Seasonally adjusted .....	.....	.....	.....	3.1	3.0	3.0	2.8	2.9	2.9	3.0	3.0	3.0	3.1	3.2	3.2	.....	.....
Beneficiaries, average weekly .....	thous..	1,942	2,043	2,690	2,524	2,132	1,835	1,714	1,793	1,919	1,749	1,661	1,852	2,178	.....	.....	.....
Benefits paid @ .....	mil. \$..	7,716.6	9,260.6	9,151	9,756	7,777	7,252	6,103	6,657	7,650	6,063	6,740	7,313	8,416	.....	.....	.....
Federal employees, insured unemployment, average weekly .....																	
Veterans' program (UCX):	thous..	34	28	35	33	27	24	23	25	25	25	28	29	31	.....	.....	.....
Initial claims .....	do....	273	283	21	21	20	20	24	28								



Unless otherwise stated in footnotes below, data through 1976 and descriptive notes are as shown in the 1977 edition of BUSINESS STATISTICS	1978	1979	1979											1980		
	Annual	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	

**FINANCE—Continued**

<b>CONSUMER INSTALLMENT CREDIT †</b>															
Total extended and liquidated:															
Unadjusted:															
Extended..... mil. \$.	298,351	322,558	21,999	26,461	27,016	29,762	28,023	27,702	30,508	26,987	28,094	26,239	27,158	23,408	23,343
Liquidated..... do.	253,541	287,067	21,317	24,027	22,896	25,022	23,482	24,506	25,747	22,898	26,779	23,815	23,677	25,547	23,607
Seasonally adjusted:															
Extended, total #..... do.			26,452	26,533	27,009	27,901	26,139	26,848	27,583	28,634	27,695	26,464	25,671	26,702	27,348
By major holder:															
Commercial banks..... do.			12,430	12,412	13,111	13,400	12,278	12,292	12,700	13,172	12,718	11,738	11,370	12,126	12,004
Finance companies..... do.			5,072	4,958	5,239	5,186	4,641	5,353	5,133	5,489	5,642	5,105	5,249	5,540	5,911
Credit unions..... do.			3,238	3,250	2,753	3,124	2,986	3,282	3,361	3,363	2,942	2,808	2,396	2,527	2,495
Retailers..... do.			3,460	3,611	3,742	3,721	3,853	3,687	3,921	4,082	3,930	4,161	4,054	4,010	4,042
By major credit type:															
Automobile..... do.			7,756	7,794	7,999	8,260	7,178	7,447	7,667	8,430	7,676	7,066	7,131	7,780	7,861
Revolving..... do.			9,357	9,714	10,339	10,136	9,856	10,371	10,699	10,424	10,613	10,196	10,475	10,458	10,597
Mobile home..... do.			454	518	510	668	547	519	655	531	582	515	490	558	597
Liquidated, total #..... do.			22,889	22,908	22,904	24,595	23,581	24,405	25,137	24,188	25,509	24,057	24,322	25,330	24,438
By major holder:															
Commercial banks..... do.			10,800	10,947	10,994	11,735	11,294	11,630	11,834	11,651	11,947	11,455	11,152	11,693	11,221
Finance companies..... do.			3,612	3,730	3,861	4,293	3,728	4,168	4,584	3,716	4,566	3,765	4,162	4,444	3,920
Credit unions..... do.			2,836	2,722	2,614	3,000	2,942	2,940	2,970	2,952	3,094	2,852	2,851	2,881	2,868
Retailers..... do.			2,681	3,468	3,436	3,438	3,565	3,507	3,589	3,639	3,595	3,684	3,772	3,890	3,989
By major credit type:															
Automobile..... do.			6,191	6,308	6,612	7,035	6,488	6,831	7,073	6,607	7,189	6,533	6,449	6,808	6,456
Revolving..... do.			9,040	8,972	8,804	9,290	9,340	9,427	9,584	9,642	9,760	9,814	9,764	10,186	9,883
Mobile home..... do.			398	410	428	434	445	447	473	442	432	412	382	438	399
Total outstanding, end of year or month #..... do.	275,629	311,122	276,019	278,453	282,575	287,315	291,856	295,052	299,813	303,902	305,217	307,641	311,122	308,984	308,716
By major holder:															
Commercial banks..... do.	136,189	149,604	136,671	137,445	139,843	142,102	144,035	145,169	147,312	148,657	149,152	149,057	149,604	148,868	148,249
Finance companies..... do.	54,298	68,318	55,929	56,991	58,334	59,635	60,996	62,463	63,362	64,822	65,692	67,164	68,318	68,724	70,071
Credit unions..... do.	45,939	48,186	45,661	46,301	46,322	46,832	47,478	47,772	48,631	49,214	48,770	48,673	48,186	47,270	46,707
Retailers..... do.	24,876	27,916	23,246	22,929	23,097	23,421	23,672	23,713	24,114	24,446	24,860	25,732	27,916	26,985	26,309
By major credit type:															
Automobile..... do.	102,468	115,022	103,780	105,426	107,186	109,211	110,930	111,952	113,351	114,765	114,876	115,121	115,022	114,761	115,455
Revolving..... do.	47,051	55,330	45,586	45,240	45,781	46,489	47,458	47,894	49,270	50,422	50,853	52,060	55,330	54,420	53,522
Mobile home..... do.	16,042	17,409	16,008	16,092	16,198	16,453	16,607	16,719	16,972	17,105	17,244	17,349	17,409	17,387	17,476
<b>FEDERAL GOVERNMENT FINANCE</b>															
Budget receipts and outlays:															
Receipts (net)..... mil. \$.	'401,997	'465,940	32,639	31,144	52,230	38,287	53,910	33,268	39,353	47,295	33,099	38,320	42,617	43,429	
Outlays (net)..... do.	'450,836	'493,221	37,739	43,725	40,752	41,618	40,687	40,482	54,279	29,625	47,807	46,841	44,010	47,988	
Budget surplus or deficit (-)..... do.	'-48,839	'-27,281	-5,100	-12,581	11,478	-3,331	13,223	-7,214	-14,926	17,670	-14,708	-8,522	-1,393	-4,559	
Budget financing, total..... do.	'48,839	'27,281	5,100	12,581	-11,478	3,331	-13,223	7,214	14,926	-17,670	14,708	8,522	1,393	4,559	
Borrowing from the public..... do.	'59,106	'33,641	-668	8,012	-4,965	1,806	-1,458	4,831	3,268	4,250	2,217	5,548	11,207	5,201	
Reduction in cash balances..... do.	'-10,267	'-6,360	5,768	4,569	-6,513	1,525	-11,765	2,383	11,658	-21,920	12,491	2,974	-9,814	-642	
Gross amount of debt outstanding..... do.	'780,425	'833,751	800,470	804,624	804,046	812,220	812,247	814,740	820,385	833,751	833,999	840,965	852,184	854,741	
Held by the public..... do.	'610,948	'644,589	628,845	636,857	631,893	633,698	632,241	637,072	640,339	644,589	646,806	652,354	663,561	668,762	
Budget receipts by source and outlays by agency:															
Receipts (net), total..... mil. \$.	'401,997	'465,940	32,639	31,144	52,230	38,287	53,910	33,268	39,353	47,295	33,099	38,320	42,617	43,429	
Individual income taxes (net)..... do.	'180,988	'217,841	14,509	8,255	25,029	14,575	25,568	17,086	17,215	23,341	18,682	18,972	20,192	26,856	
Corporation income taxes (net)..... do.	'59,952	'65,677	1,281	9,301	9,767	1,403	15,640	2,019	1,368	9,633	1,476	1,160	10,206	2,237	
Social insurance taxes and contributions (net)..... mil. \$.	'123,410	'141,591	13,614	10,373	14,165	18,652	9,375	10,566	17,164	10,809	9,384	14,433	8,675	10,775	
Other..... do.	'37,647	'40,832	3,235	3,216	3,269	3,657	3,326	3,597	3,605	3,512	3,557	3,753	3,544	3,560	
Outlays, total #..... do.	'450,836	'493,221	37,739	43,725	40,752	41,618	40,687	40,482	54,279	29,625	47,807	46,841	44,010	47,988	
Agriculture Department..... do.	'20,368	'20,634	1,712	1,724	1,999	1,178	550	1,093	913	904	1,712	1,870	2,870	3,785	
Defense Department, military..... do.	'103,042	'115,013	8,920	9,979	9,329	9,830	9,838	10,256	10,547	9,353	10,180	10,563	10,343	10,955	
Health, Education, and Welfare Department..... mil. \$.	'162,856	'181,186	14,584	15,762	14,728	15,384	15,282	15,054	25,930	6,413	16,389	16,764	16,499	16,855	
Treasury Department..... do.	'56,355	'64,596	4,470	4,399	6,363	4,718	8,204	5,557	4,582	4,031	6,235	5,045	8,759	5,164	
National Aeronautics and Space Adm..... do.	'3,980	'4,187	365	389	198	366	389	341	413	387	384	415	328	417	
Veterans Administration..... do.	'18,962	'19,887	1,620	2,715	837	1,691	2,495	664	2,556	597	1,807	2,698	1,776	800	
<b>LIFE INSURANCE</b>															
Institute of Life Insurance:															
Assets, total, all U.S. life insurance cos..... bil. \$.	389.92	431.45	396.19	400.08	402.96	405.63	409.85	414.12	418.35	421.66	423.76	427.50	431.45	436.38	
Government securities..... do.	26.55	29.08	27.22	27.56	27.84	28.00	28.18	28.47	28.73	28.92	29.16	29.30	29.08	29.34	
Corporate securities..... do.	191.56	209.49	196.34	197.80	198.83	200.16	202.02	204.87	207.00	207.96	207.46	209.05	209.49	213.42	
Mortgage loans, total..... do.	106.17	118.78	107.38	108.42	109.20	110.02	111.12	112.12	113.10	114.37	115.99	117.25	118.78	120.08	
Nonfarm..... do.	95.67	106.60	96.71	97.50	98.12	98.77	99.65	100.55	101.38	102.50	104.00	105.15	106.60	107.88	
Real estate..... do.	11.76	13.05	11.94	11.99	12.09	12.10	12.20	12.35	12.74	12.74	12.82	12.91	13.05	13.08	
Policy loans and premium notes..... do.	30.15	34.76	30.78	31.16	31.51	31.83	32.13	32.39	32.71	33.05	33.57	34.22	34.76	35.26	
Cash..... do.	2.37	2.61	1.42	1.25	1.67	1.35	1.55	1.50	1.37	1.46	1.36	1.35	2.51	1.60	
Other assets..... do.	21.37	23.78	21.60	21.91	21.92	22.16	22.65	22.42	22.70	23.16	23.40	23.42	23.78	23.60	
Life Insurance Agency Management Association:															
Insurance written (new paid-for insurance):															
Value, estimated total..... mil. \$.	407,042	475,273	31,459	38,278	33,739	37,131	41,499	35,420	40,554	37,921	48,607	41,815	56,739		
Ordinary (incl. mass-marketed ord.)..... do.	279,044	319,135	22,204	26,819	26,097	27,798	27,336	25,922	27,463	24,370	29,543	27,629	32,474		
Group..... do.	121,729	150,748	8,842	10,913	7,118	8,821	13,692	9,080	12,605	13,160	18,624	13,818	23,875		
Industrial..... do.	6,269	5,390	413	546	523	512	471	418	487	392	439	368	389		

See footnotes at end of tables.

	1978	1979	1979										1980			
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
<b>FINANCE—CONTINUED</b>																
<b>MONETARY STATISTICS</b>																
Gold and silver:																
Gold:																
Monetary stock, U.S. (end of period) .....	mil. \$.	11,671	11,112	11,544	11,479	11,418	11,354	11,323	11,290	11,259	11,228	11,194	11,112	11,172	11,172	
Net release from earmark \$ .....	do.....	525	294	16	6	20	25	34	26	2	41	23	61	31	29	
Exports .....	thous. \$.	1,113,795	4,907,865	292,397	349,738	332,623	441,315	309,958	460,706	439,920	306,368	713,427	825,793	187,883	282,237	161,531
Imports .....	do.....	903,023	1,480,203	37,323	56,015	40,511	123,863	114,203	84,965	142,479	151,742	183,900	257,540	233,832	254,927	261,649
Production:																
South Africa .....	mil. \$.	955.4	955.1	78.1	80.6	79.8	82.3	79.7	80.2	81.0	80.6	80.6	80.6	74.3	76.4	77.7
Canada .....	do.....	70.4														
Silver:																
Exports .....	thous. \$.	119,125	471,162	15,264	11,213	6,443	12,462	13,940	10,668	14,577	32,057	78,682	166,741	100,241	298,433	345,301
Imports .....	do.....	389,015	961,761	38,667	95,502	29,122	61,630	50,151	52,909	45,176	77,986	202,189	120,781	155,590	258,547	174,301
Price at New York .....	dol. per fine oz.	5.401	11.094	7.417	7.445	7.492	8.373	8.538	9.135	9.334	13.959	16.781	16.603	21.793	38.257	35.085
Production:																
United States .....	thous. fine oz.	23,972	27,397	1,859	2,642	1,848	1,928	2,423	2,308	1,324	2,112	2,411	2,464	4,442	2,046	3,508
Currency in circulation (end of period) .....	bil. \$.	114.6	125.6	111.3	112.0	113.2	115.4	116.6	117.9	118.9	118.7	120.1	122.1	125.6	121.2	121.4
Money stock measures and components (Averages of daily figures): †																
Measures (not seasonally adjusted): ‡																
M1-A .....	bil. \$.	342.2	360.8	342.2	345.5	359.5	350.5	359.3	365.1	363.2	367.0	369.7	372.2	381.1	377.4	368.1
M1-B .....	do.....	347.4	374.8	353.0	357.5	373.0	363.9	373.4	379.9	378.6	382.7	385.5	387.8	397.3	393.9	384.6
M2 .....	do.....	1,349.2	1,467.2	1,404.3	1,422.2	1,448.5	1,445.5	1,466.8	1,482.2	1,486.8	1,498.2	1,507.1	1,509.9	1,526.0	1,536.1	1,538.4
M3 .....	do.....	1,545.6	1,700.0	1,632.2	1,650.5	1,673.1	1,671.1	1,689.4	1,706.1	1,716.3	1,738.2	1,759.1	1,779.0	1,790.6	1,796.0	1,808.0
L (M3 plus other liquid assets) .....	do.....	1,825.1	2,044.1	1,948.7	1,976.1	2,006.0	2,013.9	2,041.7	2,059.1	2,070.6	2,094.0	2,113.0	2,122.1	2,141.5	2,160.5	2,175.4
Components (not seasonally adjusted):																
Currency .....	do.....	93.2	102.3	97.7	98.7	99.9	100.6	101.8	103.2	103.9	104.5	105.2	106.6	108.0	106.5	107.9
Demand deposits .....	do.....	249.0	258.5	244.6	246.8	259.6	249.9	257.5	261.9	259.3	262.4	264.5	265.6	273.1	270.9	260.6
Other checkable deposits †† .....	do.....	5.2	13.9	10.8	12.0	13.5	13.4	14.1	14.8	15.3	15.7	15.8	15.7	16.2	16.5	
Overnight RPs and Eurodollars * .....	do.....	20.4	24.8	23.6	24.8	25.1	26.3	26.0	25.1	25.2	26.1	25.6	23.5	24.1	24.9	
Money market mutual funds .....	do.....	7.1	26.9	14.5	16.8	19.2	21.8	24.6	28.0	31.2	33.7	36.9	40.4	43.6	49.1	
Savings deposits .....	do.....	488.5	446.6	457.1	457.2	455.3	450.9	452.9	454.4	451.1	445.6	434.6	420.0	414.8	410.3	
Small time deposits @ .....	do.....	488.2	596.7	558.6	568.4	578.5	585.3	592.5	597.4	603.3	612.7	627.3	640.8	648.8	660.6	
Large time deposits @ .....	do.....	173.0	203.8	201.4	201.1	196.7	196.3	193.1	194.9	200.0	206.8	214.2	219.5	222.6	224.1	
Measures (seasonally adjusted): ‡																
M1-A .....	do.....			350.0	351.9	356.2	356.1	360.3	363.2	365.4	367.5	368.0	369.6	371.5	372.6	376.4
M1-B .....	do.....			360.7	363.9	369.7	369.5	374.3	378.0	380.7	383.2	383.9	385.3	387.7	389.0	392.2
M2 .....	do.....			1,412.8	1,425.4	1,440.2	1,448.3	1,464.5	1,476.4	1,489.5	1,499.7	1,507.2	1,514.5	1,524.2	1,532.8	1,546.5
M3 .....	do.....			1,640.2	1,652.6	1,666.5	1,674.9	1,689.5	1,702.9	1,719.3	1,738.2	1,751.8	1,762.6	1,773.6	1,785.3	
L (M3 plus other liquid assets) .....	do.....			1,952.8	1,976.0	1,998.1	2,016.7	2,043.0	2,057.2	2,074.6	2,102.7	2,114.8	2,123.7	2,139.0	2,153.9	
Components (seasonally adjusted):																
Currency .....	do.....			98.9	99.6	100.2	100.8	101.7	102.6	103.7	104.8	105.4	105.9	106.1	107.3	
Demand deposits .....	do.....			251.1	252.3	256.0	255.2	258.5	260.6	261.7	262.7	263.7	265.4	265.3	268.1	
Savings deposits .....	do.....			460.6	456.9	452.6	448.9	450.2	451.0	453.3	445.3	435.9	422.2	417.7		
Small time deposits @ .....	do.....			555.9	565.6	576.3	584.5	592.0	597.0	604.6	614.2	627.5	645.8	653.8		
Large time deposits @ .....	do.....			200.9	200.0	198.4	197.3	195.4	197.4	200.4	207.4	213.6	218.3	219.1		
<b>PROFITS AND DIVIDENDS (QTRLY.)</b>																
Manufacturing corps. (Fed. Trade Comm.):																
Net profit after taxes, all industries .....	mil. \$.	81,148	98,735		22,637				26,785			24,771			24,542	
Food and kindred products .....	do.....	6,213	7,339		1,457				1,918			2,171			1,793	
Textile mill products .....	do.....	1,170	1,340		246				355			381			358	
Paper and allied products .....	do.....	2,598	3,723		867				917			1,162			777	
Chemicals and allied products .....	do.....	9,117	10,856		2,729				2,925			2,630			2,572	
Petroleum and coal products .....	do.....	12,805	21,878		3,938				5,221			5,712			7,007	
Stone, clay, and glass products .....	do.....	2,353	2,399		291				755			776			577	
Primary nonferrous metal .....	do.....	1,362	2,665		601				745			606			713	
Primary iron and steel .....	do.....	2,124	2,185		617				966			743			-141	
Fabricated metal products (except ordnance, machinery, and transport. equip.) .....	mil. \$.	3,815	4,470		1,028				1,280			1,094			1,068	
Machinery (except electrical) .....	do.....	10,746	11,678		2,710				3,042			2,816			3,110	
Elec. machinery, equip., and supplies .....	do.....	6,500	7,372		1,807				1,943			1,731			1,891	
Transportation equipment (except motor vehicles, etc.) .....	mil. \$.	2,374	3,135		658				864			801			812	
Motor vehicles and equipment .....	do.....	6,211	4,382		2,164				1,917			-51			352	
All other manufacturing industries .....	do.....	13,760	15,313		3,524				3,937			4,199			3,653	
Dividends paid (cash), all industries .....	do.....	28,932	32,482		7,130				8,173			8,088			9,091	
<b>SECURITIES ISSUED</b>																
Securities and Exchange Commission:																
Estimated gross proceeds, total .....	mil. \$.	50,945	55,634	3,556	4,778	4,965	5,585	5,888	3,983	3,982	5,216	4,829	4,471	3,530		
By type of security:																
Bonds and notes, corporate .....	do.....	35,846	38,719	2,029	4,047	4,184	3,695	4,654	2,862	2,425	3,430	3,163	2,697	2,188		
Common stock .....	do.....	7,937	8,727	712	441	424	418	613	606	1,055	589	1,274	788	1,044		
Preferred stock .....	do.....	2,832	3,650	201	231	155	174	278	392	401	698	195	465	289		
By type of issuer:																
Corporate, total # .....	mil. \$.	46,615	51,096	2,942	4,719	4,763	4,287	5,545	3,860	3,881	4,717	4,632	3,950	3,521		
Manufacturing .....	do.....	11,062	11,532	399	763	822	1,292	1,193	1,013	1,166	1,489	1,485	480	496		
Extractive (mining) .....	do.....	3,100	3,166	142	101	171	182	363	102	156	509	408	226	386		
Public utility .....	do.....	12,253	13,652	1,086	1,331	1,130	865	1,351	879	731	1,397	1,519	1,438	1,008		
Transportation .....	do.....	1,763	2,788	222	226	302	206	267	325	237	155	296	259	173		
Communication .....	do.....	3,640	4,673	558	582	261	109	409	95	337	671	310	856	56		
Financial and real estate .....	do.....	10,861	11,507	304	1,363	1,908	1,342	1,477	1,134	733	342	312	474	904		
State and municipal issues (Bond Buyer):																
Long-term .....	do.....	46,215	42,261	2,502	4,525	3,126	2,917	4,483	3,287	3,997	2,588	4,146	4,286	3,710	2,916	2,348
Short-term .....	do.....	21,642	20,897	1,546	1,354	4,406	762	1,660	1,571	1,546	2,553	476	1,930	1,497	1,405	1,997
<b>SECURITY MARKETS</b>																
<b>Stock Market Customer Financing</b>																
Margin credit at brokers, end of year or month .....	mil. \$.	11,035	11,615	10,989	11,056	11,416	11,314	11,763	12,019	12,236	12,178	11,483	11,083	11,615	11,982	
Free credit balances at brokers:																
Margin accounts .....	do.....	835	1,050	775	830	835	840	895	885	910	960	950	955	1,050	1,180	
Cash accounts .....	do.....	2,510	4,060	2,430	2,490	2,550	2,590	2,880	3,025	2,995	3,325	3,490	3,435	4,060	4,680	

See footnotes at end of tables.







Unless otherwise stated in footnotes below, data through 1976 and descriptive notes are as shown in the 1977 edition of BUSINESS STATISTICS	1978	1979	1979												1980		
	Annual	Annual	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
<b>FOREIGN TRADE OF THE UNITED STATES—Continued</b>																	
<b>VALUE OF EXPORTS—Continued</b>																	
<b>Exports (mdse.), incl. reexports—Continued</b>																	
<b>By leading countries:</b>																	
<b>Africa:</b>																	
Egypt .....	mil. \$.	1,134.1	1,433.3	130.3	173.3	113.5	140.7	122.5	82.8	98.5	78.5	115.9	179.5	121.0			
Republic of South Africa .....	do....	1,080.1	1,413.0	103.5	103.6	108.2	108.9	122.3	122.0	109.2	125.3	146.5	128.3	149.4			
<b>Asia, Australia and Oceania:</b>																	
Australia, including New Guinea .....	do....	2,944.1	3,649.4	232.2	285.5	286.5	312.2	294.9	259.5	258.2	283.0	344.6	381.7	370.5			
India .....	do....	947.9	1,167.0	110.4	98.3	74.0	57.7	73.6	82.6	172.0	106.6	92.9	88.5	149.1			
Pakistan .....	do....	495.7	529.1	73.6	53.9	60.1	24.6	38.1	70.2	45.0	45.5	28.2	15.3	32.7			
Malaysia .....	do....	728.4	982.1	61.3	77.8	66.7	76.4	89.4	74.9	79.9	84.6	86.1	87.8	89.2			
Indonesia .....	do....	751.4	981.5	51.7	74.8	71.2	107.3	79.4	109.2	107.7	99.4	73.0	73.8	89.4			
Philippines .....	do....	1,041.2	1,570.1	100.4	115.1	130.9	130.2	112.1	147.9	134.1	131.7	134.4	146.5	174.3			
Japan .....	do....	12,885.1	17,579.3	1,365.4	1,609.7	1,317.2	1,257.7	1,505.2	1,584.8	1,449.2	1,539.9	1,521.2	1,597.5	1,606.3			
<b>Europe:</b>																	
France .....	do....	4,166.2	5,586.7	368.7	546.6	470.7	410.4	436.6	392.5	439.9	488.8	544.4	533.4	509.3			
German Democratic Republic (formerly E. Germany) .....	mil. \$.	170.4	356.0	6.6	32.9	26.2	33.1	31.1	9.2	17.4	26.2	34.0	61.7	67.8			
Federal Republic of Germany (formerly W. Germany) .....	mil. \$.	6,956.8	8,482.3	606.5	811.2	647.6	679.5	650.9	610.1	673.5	680.9	832.6	813.6	849.4			
Italy .....	do....	3,360.6	4,358.5	315.6	406.3	363.5	378.5	364.9	273.5	346.0	296.3	413.2	411.8	474.9			
United of Soviet Socialist Republics .....	do....	2,252.3	3,607.1	174.5	271.0	273.7	234.6	352.4	364.5	341.3	312.5	325.8	378.3	426.4			
United Kingdom .....	do....	7,116.0	10,634.8	812.3	962.1	864.5	866.6	766.5	903.5	860.8	848.4	1,000.7	1,113.0	863.9			
<b>North and South America:</b>																	
Canada .....	do....	28,373.7	33,095.8	2,378.7	3,052.8	2,804.6	2,919.6	2,940.9	2,527.7	2,519.4	2,777.1	3,347.3	2,895.3	2,507.7			
Latin American republics, total # .....	do....	20,185.2	26,256.6	1,720.2	1,974.0	1,969.1	2,001.2	2,320.9	2,169.9	2,343.9	2,182.9	2,631.3	2,453.5	2,736.0			
Argentina .....	do....	841.8	1,889.9	84.3	99.2	112.1	143.0	124.9	155.4	145.6	151.9	307.2	199.0	219.3			
Brazil .....	do....	2,980.6	3,441.6	207.9	272.9	232.9	228.9	254.6	321.8	324.7	347.7	329.4	341.8	392.4			
Chile .....	do....	724.6	885.5	56.9	53.1	50.3	56.9	86.6	81.0	92.9	72.6	99.8	93.5	88.4			
Colombia .....	do....	1,045.9	1,409.3	91.2	99.2	102.3	108.9	181.6	128.0	119.5	95.4	128.1	127.0	148.2			
Mexico .....	do....	6,680.3	9,847.2	678.3	711.1	763.2	755.3	905.3	718.9	924.9	799.7	968.4	954.3	1,008.5			
Venezuela .....	do....	3,727.7	3,931.3	285.9	330.1	353.4	312.9	343.6	353.9	315.6	311.6	343.8	289.4	430.1			
Exports of U.S. merchandise, total \$ .....	do....	141,125.6	178,578.0	12,708.7	15,300.1	14,020.8	14,534.9	15,102.6	14,496.0	14,748.5	14,686.3	16,998.7	16,966.8	16,662.1			
Excluding military grant-aid .....	do....	141,040.3	178,413.2	12,704.7	15,297.8	14,010.5	14,529.0	15,081.1	14,489.9	14,714.1	14,666.3	16,991.0	16,947.7	16,631.6			
Agricultural products, total .....	do....	29,384.1	34,745.4	2,356.4	2,877.3	2,651.5	2,509.1	2,760.6	2,715.2	2,735.4	2,734.7	3,507.9	3,783.9	3,681.5			
Nonagricultural products, total .....	do....	111,741.4	143,832.6	10,352.3	12,422.8	11,369.4	12,025.8	12,342.0	11,780.8	12,013.0	11,951.6	13,490.8	13,182.8	12,980.6			
<b>By commodity groups and principal commodities:</b>																	
Food and live animals # .....	mil. \$.	18,311.3	22,245.4	1,314.3	1,581.0	1,528.1	1,584.8	1,905.2	2,053.3	2,055.9	2,056.5	2,384.3	2,194.9	2,273.8	2,107.9	2,046.5	
Meats and preparations (incl. poultry) ..	do....	958.4	1,126.9	77.2	94.7	86.8	90.0	106.9	87.5	88.1	99.2	103.9	93.6	120.2			
Grains and cereal preparations .....	do....	11,633.8	14,450.5	788.6	929.9	960.8	1,039.4	1,225.3	1,397.2	1,399.7	1,376.7	1,599.4	1,442.9	1,523.7			
Beverages and tobacco .....	do....	2,292.8	2,336.7	171.2	223.2	202.3	183.1	175.8	176.4	178.1	141.8	184.0	281.6	283.6	152.4	204.1	
Crude materials, inedible, exc. fuels # ..	do....	15,555.1	20,755.3	1,513.5	1,837.5	1,668.0	1,626.7	1,605.2	1,434.6	1,539.4	1,555.6	1,940.8	2,323.0	2,160.6	2,109.7	2,169.6	
Cotton, raw, excl. lint and waste .....	do....	1,739.6	2,198.4	192.4	188.7	198.1	174.7	197.2	133.5	148.7	136.5	127.8	214.1	311.9			
Soybeans, exc. canned or prepared .....	do....	5,210.4	5,707.7	393.5	644.4	517.1	349.4	319.0	260.3	313.9	313.8	640.0	834.5	564.7			
Metal ores, concentrates, and scrap .....	do....	1,839.1	3,324.6	201.9	226.6	211.9	296.3	248.1	296.1	290.0	292.5	280.2	385.8	412.8			
Mineral fuels, lubricants, etc. # .....	mil. \$.	3,880.6	5,615.9	292.0	435.7	467.0	471.2	499.8	534.0	496.3	438.0	567.4	521.5	542.8	481.4	435.8	
Coal and related products .....	do....	2,122.6	3,496.0	154.0	258.8	279.6	325.9	316.7	330.0	328.3	272.3	389.2	319.1	319.8			
Petroleum and products .....	do....	1,563.7	1,913.6	119.7	152.3	169.1	139.3	157.4	188.4	148.8	150.6	167.3	186.2	196.4	219.3	186.9	
Oils and fats, animal and vegetable .....	do....	1,521.3	1,845.0	173.2	171.3	129.6	104.4	187.6	157.6	140.1	163.7	146.6	166.4	158.7	139.6	142.5	
Chemicals .....	do....	12,622.8	17,306.2	1,155.6	1,522.3	1,289.8	1,320.8	1,513.2	1,433.2	1,546.8	1,589.6	1,652.7	1,439.2	1,607.5	1,617.1	1,537.8	
Manufactured goods # .....	do....	12,416.8	16,235.2	1,135.3	1,384.1	1,228.5	1,355.0	1,468.1	1,230.3	1,341.6	1,360.7	1,565.6	1,507.6	1,536.9	1,647.9	1,734.7	
Textiles .....	do....	2,225.2	3,189.4	222.6	263.8	238.8	266.8	286.9	243.7	262.5	283.1	311.2	288.2	302.6			
Iron and steel .....	do....	1,716.3	2,342.0	157.2	198.8	184.5	183.8	208.4	194.0	201.8	202.1	226.0	203.9	227.9			
Nonferrous base metals .....	do....	1,047.8	1,609.4	113.5	129.3	126.3	141.4	153.2	116.9	124.1	114.2	142.6	148.1	171.8			
Machinery and transport equipment, total ..	mil. \$.	59,255.4	70,403.8	5,394.3	6,325.1	5,843.9	6,047.2	5,984.1	5,651.0	5,600.7	5,645.4	6,348.6	6,168.2	6,355.2	5,612.9	6,540.7	
Machinery, total # .....	do....	37,017.5	44,741.0	3,324.3	3,971.7	3,580.2	3,806.1	3,875.1	3,556.8	3,665.0	3,677.6	4,067.3	3,885.3	4,170.8			
Agricultural .....	do....	2,151.6	2,635.5	184.2	275.3	259.9	267.5	235.0	224.7	214.9	194.2	224.9	193.9	178.0			
Metalworking .....	do....	1,188.3	1,391.4	111.6	119.6	106.7	139.3	129.0	108.1	111.2	110.1	121.1	125.3				
Construction, excav. and mining .....	do....	1,318.4	1,233.8	74.9	117.6	107.9	105.4	114.4	105.7	123.6	100.3	125.7	89.5	89.4			
Electrical .....	do....	6,966.6	8,635.0	642.3	748.3	703.6	738.7	750.2	673.7	709.2	738.6	790.6	741.5	788.6			
Transport equipment, total .....	do....	22,250.3	25,750.4	2,072.0	2,354.4	2,264.8	2,243.0	2,125.9	2,095.7	1,957.2	1,976.9	2,283.9	2,284.3	2,212.6			
Motor vehicles and parts .....	do....	13,237.3	15,076.5	1,250.5	1,396.4	1,259.0	1,451.5	1,399.9	1,037.2	1,019.6	1,200.5	1,454.3	1,345.9	1,154.1			
Miscellaneous manufactured articles .....	do....	10,177.5	12,639.6	916.8	1,133.2	965.3	1,071.7	1,074.8	997.6	1,038.9	1,080.0	1,157.4	1,173.2	1,157.5	1,575.9	1,408.5	
Commodities not classified .....	do....	5,006.7	9,030.3	638.6	684.5	688.1	764.1	667.4	821.8	776.3	635.0	1,043.5	1,172.0	555.0	659.7	455.2	
<b>VALUE OF IMPORTS</b>																	
General imports, total .....	do....	171,978.0	206,326.5	13,776.3	15,764.8	16,172.0	16,511.5	17,435.6	17,115.0	17,931.0	18,075.5	19,243.3	18,658.1	19,797.2	20,138.9	20,638.6	
Seasonally adjusted @ .....	do....			14,605.0	15,357.5	15,841.4	16,438.3	16,835.4	16,806.1	18,277.2	18,407.1	19,037.1	18,548.4	19,665.0	20,944.8	21,640.4	
<b>By geographic regions:</b>																	
Africa .....	do....	16,898.1	24,376.5	1,341.2	1,651.1	1,835.0	1,795.7	1,808.4	2,053.1	2,193.1	2,514.3	2,571.3	2,147.6	2,727.0			
Asia .....	do....	58,264.0	66,740.4	4,559.1	4,803.7	5,233.8	4,946.8	5,772.2	5,677.3	6,156.5	6,002.0	6,466.8	5,849.1	5,908.6			
Australia and Oceania .....	do....	2,350.4	3,072.0	219.9	253.0	277.7	263.7	285.2	264.5	260.9	232.1	190.1	290.5	304.0			
Europe .....	do....	37,984.5	43,548.2	2,710.5	3,458.9	3,574.2	3,569.8	3,986.1	3,784.9	3,784.2	3,385.7	3,589.6	4,001.1	4,436.6			
Northern North America .....	do....	33,546.2	38,122.3	2,885.5													

Unless otherwise stated in footnotes below, data through 1976 and descriptive notes are as shown in the 1977 edition of BUSINESS STATISTICS	1978	1979	1979											1980			
	Annual	Annual	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
<b>FOREIGN TRADE OF THE UNITED STATES—Continued</b>																	
<b>VALUE OF IMPORTS—Continued</b>																	
General imports—Continued																	
By leading countries—Continued																	
Asia, Australia and Oceania:																	
Australia, including New Guinea..... mil. \$.	1,727.7	2,236.2	170.2	189.4	208.1	187.8	201.6	187.1	181.7	178.2	129.5	205.0	218.7				
India..... do.....	979.4	1,037.7	76.9	85.4	96.8	93.6	92.8	92.4	96.6	90.1	88.1	74.0	59.4				
Pakistan..... do.....	83.7	120.0	11.0	11.6	11.3	11.4	12.0	10.2	8.0	9.5	9.5	7.8	8.2				
Malaysia..... do.....	1,519.1	2,145.6	126.7	201.2	147.4	166.1	196.5	151.6	182.8	185.3	257.0	175.1	171.7				
Indonesia..... do.....	3,606.9	3,620.6	222.9	249.5	339.0	226.4	332.0	289.0	384.7	341.8	377.2	306.0	258.4				
Philippines..... do.....	1,207.2	1,488.8	93.3	120.9	95.8	118.3	128.2	101.3	149.3	129.5	146.5	134.2	149.5				
Japan..... do.....	24,457.7	26,242.9	1,865.4	1,985.1	2,300.6	2,092.0	2,319.9	2,183.3	2,276.1	2,188.7	2,299.8	2,349.1	2,135.5				
Europe:																	
France..... do.....	4,051.0	4,770.8	345.8	356.4	362.3	409.6	416.7	414.4	395.9	367.4	381.5	489.8	470.8				
German Democratic Republic (formerly E. Germany)..... mil. \$.	35.3	36.2	2.7	2.6	4.2	3.3	4.1	2.2	2.7	2.9	2.2	2.2	4.9				
Federal Republic of Germany (formerly W. Germany)..... mil. \$.	9,961.5	10,955.3	682.0	858.0	981.9	938.8	1,002.6	941.9	1,024.0	766.2	803.2	1,016.5	1,070.6				
Italy..... do.....	4,102.1	4,918.1	308.7	425.0	403.3	367.1	492.9	498.2	403.3	351.5	389.3	413.8	492.3				
Union of Soviet Socialist Republics..... do.....	539.1	872.4	19.1	23.2	28.7	71.9	75.4	44.2	110.3	90.8	132.7	103.3	147.8				
United Kingdom..... do.....	6,513.9	8,028.7	405.4	671.0	653.4	656.0	697.4	710.4	703.4	667.1	712.8	789.0	807.5				
North and South America:																	
Canada..... do.....	33,525.0	38,099.3	2,882.8	3,370.6	2,968.3	3,507.3	3,094.2	2,912.0	2,881.9	3,162.3	3,437.8	3,541.6	3,426.4				
Latin American republics, total #..... do.....																	
Argentina..... do.....	18,556.0	24,782.2	1,753.5	1,830.4	1,939.1	2,011.1	2,089.1	1,899.8	2,113.9	2,150.1	2,342.9	2,296.7	2,468.5				
Brazil..... do.....	563.4	587.1	52.7	45.9	47.5	59.8	67.1	42.6	56.4	42.9	34.2	35.7	50.7				
Chile..... do.....	2,825.7	3,118.8	220.1	206.9	240.6	219.7	258.6	232.3	321.1	264.5	215.0	312.6	287.8				
Colombia..... do.....	385.3	439.8	18.7	35.4	33.0	46.9	35.2	45.3	50.4	33.9	28.9	35.2	51.8				
Costa Rica..... do.....	1,044.2	1,209.4	100.2	118.4	115.0	104.4	79.1	88.4	97.1	81.0	115.9	110.4	107.2				
Mexico..... do.....	6,093.9	8,813.4	656.8	656.6	666.1	725.6	710.0	621.5	756.8	767.0	943.1	782.8	937.0				
Venezuela..... do.....	3,545.1	5,165.9	332.4	347.0	475.9	393.6	392.9	476.0	406.7	524.3	464.9	477.4	462.8				
By commodity groups and principal commodities:																	
Agricultural products, total..... mil. \$.	14,961.6	16,881.0	1,255.7	1,435.9	1,490.9	1,382.3	1,509.0	1,267.4	1,314.1	1,257.6	1,255.2	1,542.6	1,656.4	1,649.7	1,367.2		
Nonagricultural products, total..... do.....	157,016.5	189,445.5	12,520.6	14,329.0	14,681.1	15,129.2	15,926.7	15,847.6	16,616.9	16,817.9	17,988.2	17,115.5	18,140.8				
Food and live animals #..... do.....																	
Cocoa beans..... do.....	13,521.5	15,170.6	1,102.5	1,242.6	1,325.7	1,245.1	1,357.3	1,172.9	1,177.1	1,163.2	1,185.5	1,449.5	1,470.9	1,466.1	1,203.4		
Coffee..... do.....	667.0	554.9	91.6	51.4	45.0	27.7	44.0	37.7	50.3	17.6	30.1	31.3	25.3				
Meats and preparations..... do.....	3,728.2	3,819.7	242.2	282.4	339.6	274.6	279.5	305.6	300.8	357.5	297.1	378.1	453.2				
Sugar..... do.....	1,856.0	2,539.3	200.1	242.3	242.3	231.3	269.9	205.2	165.8	157.0	162.3	221.8	232.6				
Beverages and tobacco..... do.....	723.0	974.3	41.1	62.2	57.6	122.5	120.5	67.5	67.3	70.0	108.0	133.3	60.3				
Crude materials, inedible, exc. fuels #..... do.....	2,221.3	2,565.6	156.2	221.9	205.3	217.1	210.9	204.2	198.7	222.5	217.8	247.8	258.5	178.6	198.5		
Metal ores..... do.....	19,293.8	10,650.5	738.0	859.3	870.1	1,006.0	960.9	919.1	958.3	942.0	852.5	878.1	853.7	882.4	892.6		
Paper base stocks..... do.....	2,811.6	3,247.1	187.8	211.1	251.6	302.6	298.8	306.4	302.9	313.9	251.9	287.6	301.4				
Textile fibers..... do.....	1,166.9	1,546.7	115.4	129.4	111.7	156.8	122.9	125.6	138.8	119.5	138.1	144.3	135.4				
Rubber..... do.....	247.8	231.2	16.8	19.8	18.8	19.4	20.8	20.5	21.7	16.1	16.5	19.3	18.7				
Mineral fuels, lubricants, etc..... do.....	684.7	897.1	72.5	82.3	100.5	61.7	95.3	67.8	74.0	77.3	62.7	59.0	62.7				
Petroleum and products..... do.....	42,095.8	60,060.9	3,524.9	3,947.9	4,240.6	4,165.9	4,528.2	5,075.0	5,460.4	6,084.4	6,558.7	5,410.7	6,836.2	6,558.6	7,741.9		
Chemicals..... do.....	39,104.2	56,046.0	3,248.6	3,673.8	4,015.0	3,802.1	4,236.3	4,757.8	5,108.2	5,742.7	6,226.0	4,999.9	6,300.2				
Oils and fats, animal and vegetable..... do.....	511.0	739.8	50.6	55.7	44.2	40.6	35.0	66.3	56.8	72.4	69.4	97.6	58.2	32.7			
Manufactured goods #..... do.....	6,430.0	7,485.0	440.5	655.1	648.7	698.3	663.6	570.9	648.1	612.1	609.9	708.5	697.1	696.1	726.8		
Iron and steel..... do.....	127,234.9	30,065.1	2,120.7	2,424.0	2,251.0	2,596.4	2,669.8	2,481.2	2,627.6	2,484.0	2,693.4	2,721.3	2,739.9	2,916.3	2,815.6		
Newspaper..... do.....	7,259.3	7,466.3	534.5	479.9	479.8	678.0	644.1	626.9	729.3	697.3	645.8	716.7	690.1				
Nonferrous metals..... do.....	2,100.7	2,322.1	189.0	209.3	183.0	186.7	189.5	185.7	199.5	173.5	194.7	220.1	220.4				
Textiles..... do.....	5,122.8	6,320.1	403.8	562.6	444.4	522.8	562.1	507.9	508.1	490.8	626.0	574.0	693.0				
Machinery and transport equipment..... do.....	2,200.1	2,216.4	154.1	185.9	182.9	189.3	200.6	179.6	188.7	182.3	173.9	177.3	207.9				
Machinery, total #..... do.....	47,590.2	53,678.4	3,932.6	4,438.3	4,750.0	4,509.3	4,712.5	4,328.6	4,314.3	4,183.5	4,569.4	4,815.0	4,608.9	4,982.8	4,741.9		
Metalworking..... do.....	24,403.8	28,044.8	1,971.0	2,289.6	2,313.7	2,291.1	2,536.0	2,402.0	2,395.4	2,362.6	2,455.1	2,455.9	2,366.3				
Electrical..... do.....	946.7	1,442.4	82.0	105.5	113.4	119.7	135.4	121.8	123.5	108.7	123.1	156.3	147.2				
Transport equipment..... do.....	5,170.7	6,588.1	399.5	547.1	482.5	523.9	607.1	564.4	584.2	610.2	621.6	568.7	604.7				
Automobiles and parts..... do.....	23,186.1	25,633.6	1,961.6	2,148.8	2,436.2	2,218.3	2,176.5	1,926.6	1,918.9	1,821.0	2,114.4	2,359.1	2,242.5				
Miscellaneous manufactured articles..... do.....	20,631.2	22,074.6	1,639.4	1,871.7	2,162.9	1,943.1	1,920.8	1,673.5	1,671.6	1,566.2	1,758.2	1,989.9	1,880.7				
Commodities not classified..... do.....	19,061.5	21,006.0	1,426.4	1,569.2	1,549.5	1,584.5	1,864.4	1,967.9	2,046.4	1,871.3	1,991.9	1,826.6	1,688.1	1,879.8	1,668.3		
<b>Indexes</b>																	
Exports (U.S. mdse., excl. military grant-aid):																	
Unit value..... 1967=100.....	224.7	255.5	249.4	255.1	257.1	256.8	264.2	265.6	269.8	266.5	273.4	272.6	274.8	277.1			
Quantity..... do.....	204.9	227.9	199.4	234.8	213.3	221.5	223.5	213.5	213.5	215.4	243.3	243.4	237.0	226.4			
Value..... do.....	460.3	582.2	497.2	598.8	548.4	568.8	590.3	567.2	576.0	574.1	665.2	663.4	651.1	627.1			
General imports:																	
Unit value..... do.....	291.3	347.4	309.5	319.4	320.5	328.1	335.3	345.2	351.5	362.8	372.2	379.9	388.9	399.5			
Quantity..... do.....	221.2	221.7	199.9	221.6	226.4	225.8	232.9	221.8	228.0	215.0	231.3	219.9	227.6	224.0			
Value..... do.....	644.4	770.1	618.7	707.6	725.6	740.9	781.0	765.7	801.5	779.9	860.9	835.5	885.2	894.7			
<b>Shipping Weight and Value</b>																	
Waterborne trade:																	
Exports (incl. reexports):																	
Shipping weight..... thous. sh. tons.	300,032		21,980	28,239	27,463	28,288	31,650	31,768	32,714	30,101	35,324	32,673					
Value..... mil. \$.	77,268		6,637	8,176	7,381	7,775	8,384	8,009	8,191	8,072	9,350	9,345					
General imports:																	
Shipping weight..... thous. sh. tons.	592,949		43,642	45,937	51,080	48,529	51,744	51,439	50,891	51,846	52,068	44,458					
Value..... mil. \$.	115,480		8,904	10,028	11,030	10,703	12,170	11,921	12,721	12,556	12,944						

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1976 and descriptive notes are as shown in the 1977 edition of BUSINESS STATISTICS	1978	1979	1979												1980		
	Annual	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.		
<b>TRANSPORTATION AND COMMUNICATION</b>																	
<b>TRANSPORTATION</b>																	
<b>Air Carriers (Scheduled Service)</b>																	
<b>Certificated route carriers:</b>																	
Passenger-miles (revenue) .....	bil.	226.78	261.98	17.58	22.13	20.27	20.07	23.47	25.46	27.32	20.62	20.88	19.58	20.50			
Passenger-load factor .....	percent.	61.5	63.0	58.0	64.2	70.2	65.8	69.9	68.7	69.4	58.6	58.6	58.0	55.8			
Ton-miles (revenue), total .....	mil.	29,679	33,386	2,275	2,857	2,601	2,593	2,939	3,149	3,333	2,650	2,760	2,608	2,668			
Operating revenues (quarterly) # \$ .....	mil. \$.	22,887			5,817			6,375			7,366						
Passenger revenues .....	do.	18,812			4,829			5,336			6,230						
Cargo revenues .....	do.	1,985			510			532			554						
Mail revenues .....	do.	383			73			102			114						
Operating expenses (quarterly) \$ .....	do.	21,512			5,843			6,103			7,244						
Net income after taxes (quarterly) \$ .....	do.	1,184			-6			326			116						
<b>Domestic operations:</b>																	
Passenger-miles (revenue) .....	bil.	182.67	208.86	14.54	18.37	16.28	15.75	18.32	19.71	21.30	15.72	*16.48	15.85	*16.50	*13.55		
Cargo ton-miles .....	mil.	3,506	3,466	253	318	280	288	294	289	299	284	324	299	270			
Mail ton-miles .....	do.	808	852	62	75	67	70	68	64	70	66	73	73	97			
Operating revenues (quarterly) \$ .....	mil. \$.	18,184			4,683			5,022			5,693						
Operating expenses (quarterly) \$ .....	do.	17,151			4,720			4,781			5,670						
Net income after taxes (quarterly) \$ .....	do.	858			-18			293			21						
<b>International operations:</b>																	
Passenger-miles (revenue) .....	bil.	44.11	53.12	3.05	3.76	3.99	4.32	5.15	5.75	6.02	4.90	4.40	3.73	4.00			
Cargo ton-miles .....	mil.	2,314	2,498	175	219	196	199	202	223	202	210	247	241	209			
Mail ton-miles .....	do.	374	372	27	32	30	30	29	28	30	28	31	*37	43			
Operating revenues (quarterly) \$ .....	mil. \$.	4,703			1,134			1,354			1,673						
Operating expenses (quarterly) \$ .....	do.	4,361			1,122			1,322			1,574						
Net income after taxes (quarterly) \$ .....	do.	326			12			34			94						
<b>Urban Transit Systems</b>																	
Passengers carried, total .....	mil.	*7,616	7,830	617	724	667	713	694	643	673	655	758	710	633	686		
<b>Motor Carriers</b>																	
<b>Carriers of property, large, class I, qtrly.:</b>																	
Number of reporting carriers .....		100			100			100			100						
Operating revenues, total .....	mil. \$.	16,618			4,329			4,398			4,790						
Net income, after extraordinary and prior period charges and credits .....	mil. \$.	*495			58			55			140						
Tonnage hauled (revenue), common and contract carrier service .....	mil. tons.	236			58			56			55						
<b>Freight carried—volume indexes, class I and II intercity truck tonnage (ATA):</b>																	
Common and contract carriers of property (qtrly.) .....	average same period, 1967=100.	157			166			162			159						
Common carriers of general freight, seas. adj. .....	1967=100.	181.7	*180.3	*198.1	*203.7	*145.8	*184.7	*185.8	*183.6	*174.3	*175.5	*173.3	*172.9	*172.6	161.8		
<b>Class I Railroads †</b>																	
<b>Financial operations, qtrly. (AAR), excl. Amtrak:</b>																	
Operating revenues, total # .....	mil. \$.	21,829			5,711			6,572			6,478						
Freight .....	do.	20,353			5,298			6,123			6,014						
Passenger, excl. Amtrak .....	do.	356			92			96			101						
Operating expenses .....	do.	21,124			5,590			6,064			6,348						
Tax accruals and rents .....	do.																
Net railway operating income .....	do.	443			55			452			*36						
Net income (after taxes) .....	do.	*260			16			423			36						
<b>Traffic:</b>																	
Ton-miles of freight (net), total, qtrly .....	bil.				211.5			243.3			234.4						
Revenue ton-miles, qtrly. (AAR) .....	do.	858.1	902.4		207.6			*238.3			230.5			226.0	228.3		
Price index for railroad freight .....	1969=100.	213.1	243.4	232.4	233.1	233.5	233.7	236.5	239.8	242.5	245.9	263.2	263.9	264.5	267.7		
<b>Travel</b>																	
<b>Hotels and motor-hotels:</b>																	
Restaurant sales index .... same month 1967=100.		157		152	179	167	181	190	180	170	173	191	168				
Hotels: Average room sale † .....	dollars.	38.83		43.36	42.14	42.94	46.50	46.08	46.50	46.25	47.39	50.10	48.08				
Rooms occupied .....	% of total.	68		70	74	74	79	77	72	77	76	84	71				
Motor-hotels: Average room sale † .....	dollars.	28.45		31.31	31.42	30.97	31.34	32.82	33.39	33.91	*33.30	34.29	33.23				
Rooms occupied .....	% of total.	72		68	75	75	74	76	73	79	71	77	65				
<b>Foreign travel:</b>																	
U.S. citizens: Arrivals .....	thous.	8,903	9,259	607	747	760	772	804	1,006	1,088	776	787	634	593	691		
Departures .....	do.	8,883	9,681	599	752	785	850	1,022	1,095	966	820	719	643	753	693		
Aliens: Arrivals .....	do.	7,861	9,886	532	671	798	773	867	1,166	1,178	926	800	704	798	798		
Departures .....	do.	6,325	7,814	378	488	607	622	679	816	977	717	668	647	660	674		
Passports issued .....	do.	3,234	3,170	234	338	356	386	347	302	279	196	186	175	150	250		
National parks, visits @ .....	do.	62,910	56,922	1,695	2,541	3,523	4,806	7,292	9,556	10,108	6,302	5,017	2,585	1,922	*1,821		
<b>COMMUNICATION</b>																	
<b>Telephone carriers:</b>																	
Operating revenues # .....	mil. \$.	45,905	50,604	3,956	4,153	4,168	4,197	4,177	4,229	4,389	4,260	4,411	4,335	4,281	4,479		
Station revenues .....	do.	*19,909	21,967	1,767	1,802	1,811	1,816	1,827	1,823	1,863	1,858	1,890	1,901	1,838	1,960		
Tolls, message .....	do.	18,630	22,389	3,295	1,738	1,680	1,755	1,670	1,738	1,846	1,708	1,844	1,728	1,745	1,817		
Operating expenses (excluding taxes) .....	do.	*29,489	33,110	2,538	2,390	2,682	2,797	2,743	2,733	2,937	2,840	2,963	2,901	2,978	2,976		
Net operating income (after taxes) .....	do.	8,191	9,084	732	725	798	719	756	790	768	752	790	771	731	806		
Phones in service, end of period .....	mil.	150.4	155.1	150.6	151.2	151.6	151.7	152.0	152.4	152.9	153.7	154.2	154.6	155.1	156.3		
<b>Telegraph carriers:</b>																	
<b>Domestic:</b>																	
Operating revenues .....	mil. \$.	576.4		49.9	53.1	52.5	54.0	54.0	53.8	54.9	51.3	55.4	54.0	53.2	55.1		
Operating expenses .....	do.	470.0		40.0	42.1	42.2	45.4	44.1	44.8	41.9	42.9	44.9	44.1	44.0	45.2		
Net operating revenues (before taxes) .....	do.	85.6		7.1	8.2	7.4	5.7	6.5	6.1	6.8	5.4	7.7	7.9	6.9	7.0		
<b>Overseas, total:</b>																	
Operating revenues .....	do.	454.8		37.2	42.5	39.1	41.1	41.1	40.8	42.7	40.4	44.8	42.0	38.0	43.4		
Operating expenses .....	do.	313.5		24.7	26.6	24.8	26.6	26.6	27.2	27.4	26.2	27.6	28.5	32.8	29.0		
Net operating revenues (before taxes) .....	do.	123.3		10.8	13.9	11.8	12.8	12.7	12.0	13.5	12.5	14.7	11.6	3.9	7.3		

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1976 and descriptive notes are as shown in the 1977 edition of BUSINESS STATISTICS	1978	1979	1979												1980		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
<b>CHEMICALS AND ALLIED PRODUCTS</b>																	
<b>CHEMICALS</b>																	
<b>Inorganic Chemicals</b>																	
Production:																	
Aluminum sulfate, commercial (17% Al <sub>2</sub> O <sub>3</sub> ) †																	
thous. sh. tons.	'1,309	1,215	91	101	102	109	95	105	119	88	117	'105	91	88			
Chlorine gas (100% Cl <sub>2</sub> ) †	'11,052	12,053	'904	'971	1,019	1,037	1,010	1,055	1,030	984	1,044	'1,040	1,089	1,005			
Hydrochloric acid (100% HCl) †	'2,791	2,974	'234	'238	243	239	253	256	259	253	258	'253	267	265			
Phosphorus, elemental †	441	461	37	40	41	39	37	31	37	43	45	36	42	37			
Sodium hydroxide (100% NaOH) †	'11,326	12,329	'932	'985	1,046	1,042	1,039	1,071	1,042	1,023	1,083	'1,058	1,113	999			
Sodium silicate, anhydrous †	'796	778	59	57	71	69	66	64	55	53	70	'66	85	67			
Sodium sulfate, anhydrous †	'1,168	1,174	98	95	93	98	96	102	97	106	103	'100	98	102			
Sodium tripolyphosphate (100% Na <sub>3</sub> P <sub>3</sub> O <sub>10</sub> ) †																	
do.	'739	752	59	64	62	61	61	65	57	61	69	'67	66	60			
Titanium dioxide (composite and pure) †	'701	724	52	61	65	61	64	60	59	62	'68	60	55	57			
Sulfur, native (Frasch) and recovered:																	
Production.....thous. lg. tons.	'9,557	'10,263	716	806	782	856	866	871	927	862	945	927	942	945	822		
Stocks (producers') end of period.....do.	5,261	'4,172	5,009	4,783	4,616	4,439	4,351	4,320	4,245	4,157	4,130	4,215	'4,172	4,027	3,974		
<b>Inorganic Fertilizer Materials</b>																	
Production:																	
Ammonia, synthetic anhydrous †																	
thous. sh. tons.	'17,188	'18,035	1,249	1,550	1,571	1,584	1,534	1,408	1,522	1,473	1,439	1,642	'1,714	1,615			
Ammonium nitrate, original solution †	'7,210	'7,796	573	702	713	682	661	575	596	552	647	686	'771	748			
Ammonium sulfate †	'2,449	'1,547	(*)	189	174	181	161	149	149	157	(*)	156	163	(*)			
Nitric acid (100% HNO <sub>3</sub> ) †	'7,934	'8,559	647	772	781	739	720	664	658	627	714	744	'810	807			
Nitrogen solutions (100% N) †	'2,286	'2,396	*144	212	208	252	*174	194	*194	*159	*183	232	'273	251			
Phosphoric acid (100% P <sub>2</sub> O <sub>5</sub> ) †	'9,359	'10,199	780	895	864	858	823	817	842	846	842	891	'983	859			
Sulfuric acid (100% H <sub>2</sub> SO <sub>4</sub> ) †	'41,088	'42,016	3,289	3,610	3,604	3,528	3,396	3,448	3,436	3,384	3,430	3,630	'3,950	3,639			
Superphosphate and other phosphatic fertilizers (100% P <sub>2</sub> O <sub>5</sub> ):																	
Production.....thous. sh. tons.	7,176	7,663	594	673	668	647	586	609	630	623	611	687	736	685			
Stocks, end of period.....do.	500	'366	435	360	359	415	397	355	322	305	288	377	'366	413			
Potash, deliveries (K <sub>2</sub> O) †	'6,833	'7,640	467	715	813	591	*555	546	698	614	705	724	657	574	574		
Exports, total #.....do.	'26,247	'28,043	'1,948	3,116	1,826	1,346	2,614	'2,729	2,570	2,917	2,346	1,190	3,379	2,910	2,644		
Nitrogenous materials.....do.	'2,622	'3,176	216	466	291	212	280	290	336	319	203	128	223	217	201		
Phosphate materials.....do.	'16,741	'17,919	'1,119	1,946	1,162	874	1,655	1,605	1,563	1,905	1,641	815	2,585	1,443	1,256		
Potash materials.....do.	'1,827	1,576	107	106	73	67	186	107	122	214	168	93	138	179	156		
Imports:																	
Ammonium nitrate.....do.	404	'277	17	31	48	37	12	11	20	19	16	31	18	28	20		
Ammonium sulfate.....do.	326	'245	17	30	70	14	6	5	9	18	22	16	15	39	29		
Potassium chloride.....do.	8,390	9,275	428	779	757	992	774	689	711	918	684	1,060	840	857	719		
Sodium nitrate.....do.	142	'116	18	7	10	11	12	2	31	4	0	0	5	13	20		
<b>Industrial Gases</b>																	
Production:																	
Acetylene.....mil. cu. ft.	5,386	5,189	371	409	430	453	443	424	438	434	461	471	416				
Carbon dioxide, liquid, gas, and solid																	
thous. sh. tons.	3,181	3,533	218	315	289	320	375	327	305	297	282	274	298				
Hydrogen (high and low purity).....mil. cu. ft.	90,777	96,001	7,224	8,353	8,742	8,151	7,969	8,169	8,089	7,705	7,343	8,182	8,665				
Nitrogen (high and low purity).....do.	383,395	412,865	30,095	34,907	31,476	33,617	32,257	32,579	34,601	32,013	33,990	37,706	44,683				
Oxygen (high and low purity).....do.	429,996	426,503	31,771	38,666	36,433	37,741	36,363	35,496	34,716	32,886	33,353	35,555	38,988				
<b>Organic Chemicals ‡</b>																	
Production:																	
Acetylsalicylic acid (aspirin).....mil. lb.	32.2	'32.2	2.5	3.0	2.7	2.9	2.4	2.6	2.5	2.6	2.7	2.5	2.5				
Creosote oil.....mil. gal.	'143.2	'161.6	10.8	13.9	12.7	13.8	14.3	13.0	13.5	15.7	12.6	14.1	14.1	12.1	12.9		
Ethyl acetate (85%).....mil. lb.	'181.9	'264.6	24.4	24.0	22.3	25.1	21.6	19.2	23.3	22.4	22.1	19.4	21.4	22.2	23.3		
Formaldehyde (37% HCHO).....do.	'6,381.0	'6,446.0	484.0	582.9	580.8	564.6	561.6	522.9	528.2	543.5	552.6	528.8	532.4	482.3	514.7		
Glycerin, refined, all grades.....do.	290.5	297.8	24.2	29.2	26.8	25.8	21.1	22.8	28.8	24.5	25.5	26.7	21.0	27.2	25.9		
Methanol, synthetic.....mil. gal.	'970.4	'1,116.1	87.0	72.2	100.2	99.0	99.0	83.8	87.3	103.0	99.2	99.2	109.4	99.0	89.8		
Phthalic anhydride.....mil. lb.	'978.0	'1,039.2	76.5	100.6	94.9	102.3	102.0	82.4	98.8	88.8	76.6	81.9	77.6	74.8	83.6		
<b>ALCOHOL</b>																	
Ethyl alcohol and spirits:																	
Production.....mil. tax gal.	506.7	570.3	41.3	49.3	47.3	42.9	48.2	43.8	46.0	53.7	49.4	51.0	54.6				
Used for denaturation.....do.	420.5	459.0	35.0	39.5	36.2	37.1	26.9	36.0	44.0	36.2	44.7	45.4	41.5				
Taxable withdrawals.....do.	90.1	89.9	5.8	7.5	6.2	7.4	7.9	6.4	7.2	8.8	9.3	8.6	8.0				
Stocks, end of period.....do.	71.2	53.6	62.2	59.2	63.6	65.6	66.7	67.5	61.5	61.3	55.7	54.3	53.6				
Denatured alcohol:																	
Production.....mil. wine gal.	227.7	260.5	19.0	19.1	20.1	21.7	20.8	19.7	24.5	20.1	24.4	23.8	26.0				
Consumption (withdrawals).....do.	228.8	260.5	18.7	21.1	19.8	21.8	21.5	19.6	22.5	21.6	22.0	24.5	25.9				
Stocks, end of period.....do.	2.7	4.1	2.7	2.7	3.1	3.0	2.4	2.6	4.1	2.3	3.6	2.8	4.1				
<b>PLASTICS AND RESIN MATERIALS</b>																	
Production:																	
Phenolic resins.....mil. lb.	'1,926.0	'1,771.2	143.4	166.9	148.4	156.6	156.2	125.0	134.0	144.7	166.3	135.5	122.2				
Polyethylene and copolymers.....do.	'11,359.4	'12,581.8	922.6	1,042.4	1,089.4	1,109.7	1,077.6	1,054.3	1,082.2	1,035.8	1,063.0	1,066.3	1,065.7				
Polypropylene.....do.	'3,055.3	'3,705.7	267.5	307.7	319.6	311.7	307.5	328.4	347.0	318.9	315.2	298.9	283.2				
Polystyrene and copolymers.....do.	'5,988.6	'6,171.3	467.6	575.7	538.8	537.6	532.4	508.7	529.1	526.8	516.9	480.7	519.1				
Polyvinyl chloride and copolymers.....do.	'5,878.0	'6,183.1	473.5	531.2	548.2	589.6	513.4	524.9	546.6	514.0	552.2	506.1	514.2				
<b>MISCELLANEOUS PRODUCTS</b>																	
Explosives (industrial), shipments, quarterly																	
mil. lb.	'2,821.1	2,987.1		628.1			795.2			781.9			781.9				
Paints, varnish, and lacquer, shipments:																	
Total shipments @.....mil. \$.	6,008.1	'7,033.0	484.0	622.0	574.1	677.8	668.3	638.4	678.4	590.3	648.5	526.8	'448.1	535.8			
Architectural coatings.....do.		'3,417.7	210.7	296.2	284.0	347.9	352.7	350.3	359.6	287.3	298.0	229.8	'196.3	234.8			
Product finishes (OEM).....do.		'2,289.7	186.7	221.6	186.0	209.2	189.6	163.5	184.8	186.1	223.2	187.3	'161.5	193.0			
Special purpose coatings.....do.		'1,325.6	86.6	104.3	104.2	120.7	126.0	124.6	134.0	116.9	127.3	109.7	'90.2	108.0			

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1976 and descriptive notes are as shown in the 1977 edition of BUSINESS STATISTICS	1978	1979	1979										1980		
	Annual	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
<b>ELECTRIC POWER AND GAS</b>															
<b>ELECTRIC POWER</b>															
Production:															
Electric utilities, total.....mil. kw.-hr.	2,203,891	2,247,197	186,324	182,971	169,514	178,151	186,668	202,396	204,928	180,605	179,792	177,377	188,946	200,027	
By fuels.....do.....	1,922,953	1,966,868	164,982	156,958	144,127	149,108	161,676	179,664	183,533	161,627	159,523	155,027	166,213	174,729	
By waterpower.....do.....	280,938	280,329	21,342	26,013	25,388	29,043	24,991	22,732	21,395	18,978	20,269	22,350	22,732	25,297	
Sales to ultimate customers, total (Edison Electric Institute).....mil. kw.-hr.	2,017,818	2,077,789	181,251	174,298	164,615	161,951	167,422	177,453	186,227	179,540	167,594	164,404	170,377		
Commercial and industrial:															
Small light and power §.....do.....	480,749	494,485	41,478	40,065	37,970	38,260	40,759	43,952	45,792	44,006	40,593	38,747	39,655		
Large light and power §.....do.....	782,141	813,591	65,810	67,475	67,849	69,148	69,303	68,698	69,959	68,926	68,737	67,405	65,629		
Railways and railroads.....do.....	4,336	4,243	364	376	345	361	333	334	346	342	344	343	349		
Residential or domestic.....do.....	679,156	693,851	67,625	60,498	52,745	48,493	51,193	58,470	63,944	60,092	51,824	52,002	58,741		
Street and highway lighting.....do.....	14,803	14,757	1,262	1,245	1,192	1,158	1,108	1,124	1,156	1,210	1,260	1,318	1,364		
Other public authorities.....do.....	49,509	49,470	4,153	3,916	3,778	3,789	4,158	4,292	4,448	4,344	4,256	4,051	4,108		
Interdepartmental.....do.....	7,125	7,393	559	723	736	741	566	580	583	619	581	537	531		
Revenue from sales to ultimate customers (Edison Electric Institute).....mil. \$.	69,852.9	77,643.7	6,335.9	6,179.8	5,907.1	5,911.7	6,298.6	6,856.5	7,275.2	7,039.5	6,539.4	6,339.4	6,622.2		
<b>GAS</b>															
Total utility gas, quarterly (American Gas Association):															
Customers, end of period, total.....thous.	45,996			46,668			46,497			46,211					
Residential.....do.....	42,382			42,911			42,825			42,622					
Commercial.....do.....	3,789			3,521			3,438			3,356					
Industrial.....do.....	189			181			190			188					
Other.....do.....	47			55			45			45					
Sales to customers, total.....tril. Btu.	14,748			5,524			3,473			2,870					
Residential.....do.....	5,107			2,439			975			435					
Commercial.....do.....	2,500			1,068			495			291					
Industrial.....do.....	6,841			1,897			1,945			2,089					
Other.....do.....	301			119			58			55					
Revenue from sales to customers, total.....mil. \$.	32,150			13,023			8,505			7,321					
Residential.....do.....	12,939			6,366			2,881			1,562					
Commercial.....do.....	5,696			2,619			1,293			822					
Industrial.....do.....	13,065			3,865			4,237			4,839					
Other.....do.....	451			172			93			97					

**FOOD AND KINDRED PRODUCTS; TOBACCO**

<b>ALCOHOLIC BEVERAGES</b>															
Beer:															
Production.....mil. bbl.	179.66	183.37	13.57	16.89	16.34	16.97	16.77	16.94	16.76	14.70	15.28	13.14	12.18	14.64	
Taxable withdrawals.....do.....	162.71	166.51	12.01	15.01	14.96	15.00	15.57	15.13	15.56	13.71	13.64	12.52	11.08	12.54	
Stocks, end of period.....do.....	13.76	12.73	14.06	14.44	14.98	14.74	14.50	14.83	14.30	13.87	12.59	13.37	12.73	13.33	
Distilled spirits (total):															
Production.....mil. tax gal.	166.61	186.67	14.31	18.04	17.11	18.25	17.00	7.72	11.99	14.62	20.01	17.26	15.27		
Consumption, apparent, for beverage purposes.....mil. wine gal.	*1443.75		30.30	37.41	34.44	35.47	36.95	32.33	35.92	33.44	38.38	44.16			
Taxable withdrawals.....mil. tax gal.	236.29	233.30	13.69	19.66	17.72	18.02	19.54	14.71	20.10	19.96	26.97	23.79	20.88		
Stocks, end of period.....do.....	662.51	645.67	661.64	662.41	665.06	668.67	670.36	665.77	650.38	656.87	650.81	645.68	645.67		
Imports.....mil. proof gal.	128.60	*123.65	*6.77	9.02	9.70	9.70	8.46	9.77	9.05	10.92	12.87	16.68	12.36	6.30	9.06
Whisky:															
Production.....mil. tax gal.	79.15	101.27	8.85	11.06	10.98	11.73	10.98	3.95	5.69	6.75	8.68	7.57	6.58		
Taxable withdrawals.....do.....	132.54	127.05	7.52	10.66	9.18	9.62	10.47	7.72	11.51	10.86	15.27	13.42	10.72		
Stocks, end of period.....do.....	600.62	581.16	599.88	600.72	603.01	606.04	608.06	605.23	588.48	596.13	589.74	585.06	581.16		
Imports.....mil. proof gal.	101.89	95.40	5.07	6.91	7.51	7.61	6.28	7.44	6.56	8.53	10.20	13.33	9.60	4.49	6.85
Rectified spirits and wines, production, total.....mil. proof gal.	*111.60	108.58	7.12	8.91	7.74	8.76	8.84	6.59	9.22	9.32	13.22	10.46	10.05		
Whisky.....do.....	39.77	35.50	2.20	2.84	2.43	2.70	2.90	2.12	3.56	3.33	4.34	3.25	3.24		
Wines and distilling materials:															
Effervescent wines:															
Production.....mil. wine gal.	23.09		1.66	1.80	1.91	2.49	1.89	1.58	2.25	2.03	2.84	1.47			
Taxable withdrawals.....do.....	*21.52		0.85	1.52	1.30	1.55	1.62	1.24	1.67	2.18	3.49	3.15			
Stocks, end of period.....do.....	8.25		9.95	10.33	11.65	11.56	11.46	12.11	12.71	12.10	11.07	9.57			
Imports.....do.....	4.31	4.53	0.18	0.34	0.35	0.32	0.32	0.33	0.26	0.38	0.52	0.63	0.54	0.26	0.31
Still wines:															
Production.....do.....	*420.23		7.01	6.13	4.09	6.08	5.14	4.90	36.46	152.56	144.33	43.35			
Taxable withdrawals.....do.....	*315.55		23.94	32.84	27.42	26.70	23.92	27.54	26.95	2.40	1.84				
Stocks, end of period.....do.....	527.07		458.12	465.05	438.76	397.16	384.29	379.86	366.78	484.96	506.24	538.72			
Imports.....do.....	89.77	87.63	4.50	7.44	6.95	6.66	8.16	7.76	6.46	7.14	7.23	8.70	9.53	6.87	6.39
Distilling materials produced at wineries.....do.....	*244.25		4.74	4.20	6.66	7.99	8.77	10.79	31.30	84.38	69.95	11.95			
<b>DAIRY PRODUCTS</b>															
Butter, creamery:															
Production (factory) @.....mil. lb.	994.3	985.5	86.6	89.3	92.4	98.6	84.7	74.8	64.9	61.5	76.8	74.7	83.8	103.8	99.1
Stocks, cold storage, end of period.....do.....	206.9	177.8	*214.8	*210.1	*218.2	*239.7	260.1	*258.3	*239.1	*220.4	*200.5	*182.1	177.8	*191.2	203.1
Price, wholesale, 92 score (N.Y.).....\$ per lb.	1.141	1.261	1.150	1.195	1.239	1.245	1.246	1.271	1.345	1.229	1.342	1.353	1.366	1.347	1.357
Cheese:															
Production (factory), total @.....mil. lb.	3,519.3	3,709.8	276.0	323.0	317.7	339.7	344.7	319.0	310.9	291.4	304.0	289.9	304.6	310.5	297.9
American, whole milk @.....do.....	2,074.2	2,187.3	166.0	185.3	192.0	210.6	210.9	195.2	181.8	167.4	171.9	159.9	172.5	182.0	176.5
Stocks, cold storage, end of period.....do.....	436.4	*512.1	*453.7	*448.6	*462.2	*504.3	*529.3	*624.4	*558.7	*551.2	*536.5	*528.2	*512.1	*516.0	510.9
American, whole milk.....do.....	357.9	406.5	*367.3	363.0	*377.6	*416.9	431.9	*461.6	*460.1	*456.8	*436.4	*424.2	406.5	*404.3	400.3
Imports.....do.....	242.2	*248.3	6.5	10.8	15.0	15.5	21.7	19.7	22.4	20.8	*22.0	29.2	52.0	11.1	6.7
Price, wholesale, American, single daisies (Chicago).....\$ per lb.	1.301	1.414	1.350	1.356	1.374	1.376	1.389	1.409	1.458	1.488	1.466	1.447	1.444	1.467	1.472

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1976 and descriptive notes are as shown in the 1977 edition of BUSINESS STATISTICS	1978	1979	1979										1980		
	Annual	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
<b>FOOD AND KINDRED PRODUCTS; TOBACCO—Continued</b>															
<b>DAIRY PRODUCTS—Continued</b>															
Condensed and evaporated milk:															
Production, case goods @ mil. lb.	787.9	787.8	56.8	63.0	72.0	80.6	80.2	70.7	66.7	62.9	59.4	59.0	58.5	59.8	58.3
Stocks, manufacturers', case goods, end of month or year mil. lb.	70.3	76.7	56.4	49.6	68.3	90.3	117.1	134.7	131.7	129.2	118.8	88.4	76.7	75.3	73.9
Exports do.....	137.0	42.3	3.1	5.0	4.4	4.3	2.8	1.8	2.4	3.8	4.8	3.0	3.8	2.9	3.6
Fluid milk:															
Production on farms † do.....	121,609	123,623	9,317	10,526	10,600	11,226	10,973	10,698	10,439	10,014	10,108	9,657	10,061	10,260	9,917
Utilization in mfd. dairy products @ do.....	64,748	65,888	5,016	5,748	5,837	6,373	6,290	5,874	5,580	4,970	5,159	4,761	4,995	5,606	5,488
Price, wholesale, U.S. average \$ per 100 lb.	10.60	12.04	11.90	11.80	11.60	11.50	11.50	11.60	12.00	12.40	12.60	12.90	12.80	12.80	12.80
Dry milk:															
Production:															
Dry whole milk @ mil. lb.	74.6	84.3	5.8	8.0	9.3	8.3	7.6	7.2	6.9	5.3	5.5	6.9	6.3	8.0	6.1
Nonfat dry milk (human food) @ do.....	920.4	907.2	54.9	76.1	87.8	104.8	112.2	94.4	78.7	55.6	58.1	56.2	73.3	75.0	75.8
Stocks, manufacturers', end of period:															
Dry whole milk do.....	4.4	4.3	4.6	4.3	5.8	7.1	8.6	8.2	7.2	6.1	4.9	4.9	4.3	4.7	4.6
Nonfat dry milk (human food) @ do.....	40.1	92.6	40.8	51.2	84.4	110.1	128.3	123.2	110.2	96.0	92.9	84.4	92.6	85.5	80.3
Exports, whole and nonfat (human food) do.....	122.8	73.3	1.4	3.0	12.9	13.0	5.3	8.8	2.1	6.3	7.2	6.8	3.6	14.1	10.1
Price, manufacturers' average selling, nonfat dry milk (human food) @ \$ per lb.	0.714	0.800	0.766	0.772	0.788	0.794	0.795	0.797	0.801	0.807	0.834	0.840	0.841	0.839	0.839
<b>GRAIN AND GRAIN PRODUCTS</b>															
Exports (barley, corn, oats, rye, wheat) mil. bu.	13,311.2	13,640.3	194.7	248.3	266.8	283.5	338.8	361.8	352.2	323.4	377.5	342.7	348.3	278.5	281.2
Barley:															
Production (crop estimate) † do.....	449.2	378.1													
Stocks (domestic), end of period, total do.....	390.3	364.3		295.9		228.7				458.9			364.3		
On farms do.....	276.1	244.1		198.2		150.1				308.6			244.1		
Off farms do.....	114.2	120.2		97.8		78.6				150.3			120.2		
Exports, including malt \$ do.....	31.3	34.5	0.1	(*)	0.3	1.1	2.3	2.5	2.8	2.3	9.5	8.3	4.5	3.2	3.9
Prices, wholesale (Minneapolis):															
No. 2, malting \$ per bu.	2.30	2.67	2.29	2.43	2.52	2.65	2.62	2.67	2.48	2.92	3.08	2.98	2.77	2.69	2.62
No. 3, straight do.....	2.29	2.61	2.28	2.44	2.50	2.65	2.63	2.69	2.49	2.94	2.98	2.85	2.63	2.62	2.58
Corn:															
Production (crop estimate, grain only) † mil. bu.	7,086.7	7,763.8													
Stocks (domestic), end of period, total do.....	6,202.6	6,771.8		4,423.3		3,232.2				1,285.7			6,771.8		
On farms do.....	4,521.1	4,928.3		3,100.8		2,263.0				776.3			4,928.3		
Off farms do.....	1,681.5	1,843.4		1,322.5		969.2				509.5			1,843.4		
Exports, including meal and flour do.....	1,975.2	2,333.5	124.6	169.6	187.5	198.5	229.9	221.9	225.4	185.5	214.6	222.2	223.6	189.9	184.6
Price, wholesale:															
Weighted avg., selected markets, all grades \$ per bu.	2.39	2.42	2.48	2.46	2.58	2.74	2.72	2.90	2.69	2.33	2.90	2.88	2.60	2.67	2.56
Oats:															
Production (crop estimate) † mil. bu.	595.9	534.4													
Stocks (domestic), end of period, total do.....	559.4	482.1		390.6		286.7				574.5			482.1		
On farms do.....	478.8	406.4		326.3		236.0				472.2			406.4		
Off farms do.....	80.6	75.6		64.3		50.7				102.3			75.6		
Exports, including oatmeal do.....	15.2	14.8	0.2	0.4	0.3	0.5	0.3	0.2	0.3	0.2	0.2	1.0	0.8	0.3	0.1
Price, wholesale, No. 2, white (Minneapolis) \$ per bu.	1.37	1.57	1.54	1.56	1.47	1.59	1.63	1.60	1.45	1.53	1.66	1.66	1.61	1.52	1.51
Rice:															
Production (crop estimate) † mil. bags #.	133.2	136.7													
California mills:															
Receipts, domestic, rough mil. lb.	1,675	2,721	171	330	213	193	141	106	167	182	422	380	292	364	247
Shipments from mills, milled rice do.....	989	1,800	79	151	191	123	104	131	76	145	197	232	208	348	228
Stocks, rough and cleaned (cleaned basis), end of period mil. lb.	304	249	122	187	139	144	141	80	115	96	190	241	249	175	173
Southern States mills (Ark., La., Tenn., Tex.):															
Receipts, rough, from producers mil. lb.	8,824	9,247	482	563	539	351	198	142	794	1,870	2,246	822	634	479	1,032
Shipments from mills, milled rice do.....	6,130	6,019	511	553	599	617	473	419	426	440	535	503	434	510	621
Stocks, domestic, rough and cleaned (cleaned basis), end of period mil. lb.	2,488	2,503	1,624	1,977	1,740	1,340	1,001	717	1,574	1,608	2,527	2,545	2,503	2,317	2,346
Exports do.....	4,972	4,978	416	484	498	531	334	434	310	316	426	320	546	584	557
Price, wholesale, No. 2, medium grain (Southwest Louisiana) \$ per lb.	0.177	0.173	0.140	0.140	0.165	0.165	0.165	0.165	0.190	0.200	0.205	0.205	0.195	0.200	0.220
Rye:															
Production (crop estimate) † mil. bu.	26.2	24.5													
Stocks (domestic), end of period do.....	16.3	19.0		12.6		9.7				26.6			19.0		
Price, wholesale, No. 2 (Minneapolis) \$ per bu.	2.64	2.51	2.49	2.32	2.39	2.44	2.59	2.86	2.45	2.42	2.74	2.59	2.50	2.47	2.36
Wheat:															
Production (crop estimate), total † mil. bu.	1,798	2,142													
Spring wheat † do.....	550	533													
Winter wheat † do.....	1,248	1,609													
Distribution, quarterly @ do.....	2,160	2,064		408			301			795			560		
Stocks (domestic), end of period, total do.....	1,632.8	1,712.8		1,225.8		924.7				2,272.1			1,712.8		
On farms do.....	816.4	772.2		629.6		484.9				1,031.3			772.2		
Off farms do.....	816.4	940.6		596.2		439.8				1,240.7			940.6		
Exports, total, including flour do.....	1,289.4	1,265.1	69.8	78.3	78.7	83.1	106.2	137.2	123.6	134.8	151.9	110.8	119.5	85.0	92.5
Wheat only do.....	1,243.5	1,222.5	67.1	75.5	77.0	76.8	102.2	133.3	117.8	129.6	149.0	108.9	114.9	82.7	89.5
Prices, wholesale:															
No. 1, dark northern spring (Minneapolis) \$ per bu.	3.24	4.08	3.47	3.50	3.54	3.85	4.46	4.55	4.21	4.50	4.66	4.55	4.32	4.25	4.22
No. 2 hd. and dk. hd. winter (Kans. City) do.....	3.24	4.03	3.52	3.56	3.58	3.62	4.12	4.46	4.17	4.40	4.44	4.53	4.59	4.37	4.42
Weighted avg., selected markets, all grades \$ per bu.	3.33	3.73	3.55	3.59	3.54	3.76	4.24	4.52	4.41	4.66	4.80	4.62	4.43	4.43	4.51

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1976 and descriptive notes are as shown in the 1977 edition of BUSINESS STATISTICS	1978	1979	1979										1980		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.

**FOOD AND KINDRED PRODUCTS; TOBACCO—Continued**

<b>GRAIN AND GRAIN PRODUCTS—Continued</b>																
<b>Wheat flour:</b>																
<b>Production:</b>																
Flour †.....thous. sacks (100 lb.)..	277,950	*283,989	21,542	23,454	22,291	24,573	22,536	23,508	26,334	23,280	26,137	24,778	*22,739	24,553	.....	.....
Offal †.....thous. sh. tons.	4,860	*4,933	374	401	382	422	391	403	457	407	459	436	*397	429	.....	.....
Grindings of wheat †.....thous. bu.	621,321	*634,954	48,163	52,454	50,205	55,093	50,138	51,995	58,874	52,258	58,772	55,586	*50,530	54,955	.....	.....
Stocks held by mills, end of period thous. sacks (100 lb.)..	3,214	3,975	.....	3,477	.....	3,895	.....	3,813	.....	3,813	.....	3,975	.....	.....	.....	.....
Exports.....do.	*19,711	*18,291	1,165	1,163	752	2,689	1,727	1,669	2,489	2,218	1,223	842	3,971	1,018	1,300	.....
<b>Prices, wholesale:</b>																
Spring, standard patent (Minneapolis) \$ per 100 lb.	8.012	9.508	8.038	8.313	8.300	9.013	9.288	10.638	10.513	10.463	10.563	10.713	10.438	10.088	10.413	10.113
Winter, hard, 95% patent (Kans. City).....do.	7.467	9.288	7.775	8.175	8.125	8.800	9.075	10.388	10.088	10.075	10.100	10.600	10.463	10.000	10.263	9.813
<b>POULTRY AND EGGS</b>																
<b>Poultry:</b>																
Slaughter (commercial production).....mil. lb.	12,554	13,820	878	1,063	1,066	1,232	1,195	1,241	1,363	1,156	1,407	1,136	1,026	1,170	1,047	.....
Stocks, cold storage (frozen), end of period, mil. lb.	280	387	*258	239	*236	*268	*328	*411	*527	*590	*610	*437	387	*387	359	.....
Turkeys.....do.	175	240	*155	136	*128	153	201	*272	382	*432	*446	*281	240	*247	221	.....
Price, in Georgia producing area, live broilers \$ per lb.	0.260	0.256	0.280	0.290	0.285	0.285	0.260	0.255	0.225	0.230	0.205	0.240	0.250	0.280	0.255	0.240
<b>Eggs:</b>																
Production on farms @.....mil. cases \$.	186.2	.....	14.6	16.3	15.8	16.1	15.5	15.9	15.9	15.4	16.1	15.9	.....	.....	.....	.....
Stocks, cold storage, end of period: Shell.....thous. cases \$.	38	38	18	24	*20	27	*24	*32	28	*31	*24	24	38	47	34	.....
Frozen.....mil. lb.	25	23	24	21	22	22	23	26	25	24	26	*23	23	22	24	.....
Price, wholesale, large (delivered; Chicago) \$ per doz.	0.603	0.662	0.677	0.735	0.687	0.619	0.648	0.619	0.640	0.620	0.597	0.663	0.724	0.599	0.563	.....
<b>LIVESTOCK</b>																
<b>Cattle and calves:</b>																
Slaughter (federally inspected):	.....															
Calves.....thous. animals..	3,620	2,499	212	245	200	188	162	190	216	193	225	210	192	212	.....	.....
Cattle.....do.	36,948	*31,504	2,559	2,670	2,366	2,622	2,554	2,492	*2,862	2,390	2,837	2,593	2,470	2,739	.....	.....
<b>Prices, wholesale:</b>																
Beef steers (Omaha).....\$ per 100 lb.	52.34	67.66	64.88	71.04	75.00	73.99	68.53	67.06	62.74	67.84	65.81	67.00	67.78	66.32	67.44	66.88
Steers, stocker and feeder (Kansas City)....do.	56.16	77.60	75.61	82.55	86.83	82.20	75.00	72.07	72.37	77.81	76.34	78.92	77.55	76.52	78.35	72.67
Calves, vealers (So. St. Paul).....do.	69.24	92.24	91.48	97.50	104.56	110.35	94.25	92.39	88.74	96.68	96.48	73.88	70.00	70.00	70.88	73.88
<b>Hogs:</b>																
Slaughter (federally inspected).....thous. animals..	74,139	85,425	5,693	7,113	6,962	7,284	6,678	6,734	7,662	6,840	8,736	8,097	7,234	8,036	.....	.....
<b>Prices:</b>																
Wholesale, average, all weights (Sioux City) \$ per 100 lb.	48.67	42.13	54.93	49.66	45.29	43.77	39.98	38.58	38.41	38.60	34.74	36.13	38.30	37.58	37.61	33.97
Hog-corn price ratio (bu. of corn equal in value to 100 lb. live hog).....do.	22.4	18.3	24.2	22.3	19.5	18.6	15.9	14.4	14.0	14.9	14.1	15.2	15.8	14.8	*15.4	15.0
<b>Sheep and lambs:</b>																
Slaughter (federally inspected).....thous. animals..	5,169	4,833	354	431	425	421	371	384	415	410	455	386	389	448	.....	.....
Price, wholesale, lambs, average (Omaha) \$ per 100 lb.	63.49	67.12	71.25	61.25	70.50	70.75	65.00	61.52	60.62	67.01	65.91	65.00	67.75	66.00	63.00	61.38
<b>MEATS</b>																
<b>Total meats (excluding lard):</b>																
Production, total.....mil. lb.	38,119	*37,225	*2,756	*3,090	*2,879	*3,130	2,990	*2,958	*3,329	*2,876	3,556	3,306	*3,074	3,393	.....	.....
Stocks, cold storage, end of period.....do.	724	*706	*708	*762	*783	*797	*755	*686	*581	*549	*605	*657	*706	*735	719	.....
Exports (meat and meat preparations).....do.	*1,338	*1,378	95	117	99	100	124	103	109	119	135	119	155	101	108	.....
Imports.....do.	2,072	*2,178	184	214	201	190	214	168	141	142	143	188	193	196	152	.....
<b>Beef and veal:</b>																
Production, total.....do.	24,610	*21,671	1,735	*1,815	*1,618	1,798	*1,758	*1,717	*1,955	1,649	*1,979	*1,813	*1,725	1,917	.....	.....
Stocks, cold storage, end of period.....do.	414	361	*412	436	*420	*421	*404	*377	*331	*304	316	330	361	380	372	.....
Exports.....do.	*388	*366	31	36	31	22	35	24	34	30	27	33	34	29	37	.....
Imports.....do.	1,635	1,712	151	171	157	153	166	131	106	107	107	149	154	156	111	.....
Price, wholesale, beef, fresh, steer carcasses, choice (600-700 lbs.) (East Coast) #.....\$ per lb.	0.839	*1.022	*0.975	1.046	1.086	1.086	1.036	1.008	0.972	1.018	0.983	1.029	1.055	1.023	1.037	1.032
<b>Lamb and mutton:</b>																
Production, total.....mil. lb.	300	284	*21	27	25	25	21	22	23	23	26	23	23	27	.....	.....
Stocks, cold storage, end of period.....do.	12	11	11	12	12	13	11	12	12	11	12	11	11	10	10	.....
<b>Pork (excluding lard):</b>																
Production, total.....mil. lb.	13,209	*15,270	*1,000	*1,249	*1,236	*1,307	*1,211	*1,220	*1,351	*1,204	*1,551	*1,470	*1,326	1,449	.....	.....
Stocks, cold storage, end of period.....do.	242	*281	*219	*246	278	*290	270	*225	*180	*178	*219	*257	*281	*284	272	.....
Exports.....do.	*346	330	18	23	26	33	32	27	25	28	30	29	34	22	21	.....
Imports.....do.	347	361	27	33	33	28	35	28	27	25	28	33	33	32	34	.....
<b>Prices, wholesale:</b>																
Hams, smoked composite.....\$ per lb.	0.900	*0.806	0.880	*0.939	0.788	0.752	0.707	0.686	0.688	0.731	0.792	0.891	0.927	0.683	0.673	0.712
Fresh loins, 8-14 lb. average (New York)....do.	1.092	1.076	1.251	1.119	1.114	1.071	1.106	1.064	1.012	1.061	0.965	0.914	0.986	0.973	0.951	0.916
<b>MISCELLANEOUS FOOD PRODUCTS</b>																
<b>Cocoa (cacao) beans:</b>																
Imports (incl. shells).....thous. lg. tons.	209.7	165.2	26.7	14.6	12.8	8.8	13.7	11.8	15.7	5.7	10.1	10.0	8.0	11.1	9.2	.....
Price, wholesale, Accra (New York).....\$ per lb.	*2.500	*1.604	2.500	*2.500	1.570	1.650	1.720	1.580	1.570	1.660	1.590	1.545	1.550	1.638	1.735	1.570
<b>Coffee (green):</b>																
Inventories (roasters', importers', dealers'), end of period.....thous. bags #.	2,347	2,521	.....	2,345	.....	2,405	.....	.....	.....	*2,724	.....	.....	2,521	.....	.....	.....
Roastings (green weight).....do.	16,299	17,005	.....	4,681	.....	4,303	.....	.....	.....	3,755	.....	.....	4,266	.....	.....	.....
Imports, total.....do.	18,133	19,396	1,353	1,631	2,037	1,619	1,617	1,597	1,404	1,632	1,273	1,593	1,893	2,020	1,366	.....
From Brazil.....do.	2,679	1,890	101	82	252	75	173	216	250	225	44	67	72	309	274	.....
Price, wholesale, Santos, No. 4 (N.Y.).....\$ per lb.	*1.484	1.763	1.270	1.360	1.380	1.480	1.800	2.090	2.010	2.060	2.080	2.050	2.120	1.890	2.130	2.050
Confectionery, manufacturers' sales.....mil. \$.	3,769	4,183	359	332	313	285	258	240	403	435	461	423	352	.....	.....	.....
<b>Fish:</b>																
Stocks, cold storage, end of period.....mil. lb.	422	471	343	292	295	297	323	384	434	427	454	459	471	*445	399	*368

See footnotes at end of tables.



Unless otherwise stated in footnotes below, data through 1976 and descriptive notes are as shown in the 1977 edition of BUSINESS STATISTICS	1978	1979	1979										1980				
	Annual	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.		
<b>FOOD AND KINDRED PRODUCTS; TOBACCO—Cont.</b>																	
<b>MISCELLANEOUS FOOD PRODUCTS—Cont.</b>																	
Sugar (United States):																	
Deliveries and supply (raw basis): \$																	
Production and receipts:																	
Production.....	thous. sh. tons..	4,574	4,731	494	317	205	204	123	58	31	83	599	1,017	888	636	.....	
Deliveries, total.....	do.....	10,900	10,788	777	965	813	894	949	927	1,107	861	931	881	841	817	.....	
For domestic consumption.....	do.....	10,849	10,714	771	960	808	890	945	917	1,099	856	921	874	837	782	.....	
Stocks, raw and ref., end of period.....	do.....	3,621	3,494	4,034	3,662	3,644	3,559	3,280	2,950	2,220	1,977	2,296	2,962	3,494	*3,606	*3,443	
Exports, raw and refined.....	sh. tons..	14,138	14,924	464	1,177	1,422	764	1,241	1,053	717	1,257	1,000	1,007	3,957	16,668	32,009	
Imports, raw and refined.....	thous. sh. tons..	4,177	4,810	214	276	339	657	637	355	346	357	471	584	231	213	367	
Prices, wholesale (New York):																	
Raw.....	\$ per lb..	*0.143	*0.164	0.150	0.153	0.139	0.141	0.146	0.157	0.154	*0.157	0.159	0.162	0.180	0.189	0.272	0.200
Refined (excl. excise tax).....	do.....	0.204	0.228	0.219	0.220	0.222	0.220	0.225	0.226	0.232	0.229	0.229	0.234	0.261	0.250	0.364	0.295
Tea, imports.....	thous. lb..	151,751	*174,690	10,568	15,584	13,822	13,556	14,352	13,361	14,809	15,841	16,992	15,432	15,578	18,749	17,562	.....
<b>FATS, OILS, AND RELATED PRODUCTS</b>																	
Baking or frying fats (incl. shortening):																	
Production.....	mil. lb..	4,044.6	*4,206.4	314.1	378.7	335.9	377.2	335.9	329.0	367.1	334.6	410.3	351.9	*337.7	375.9	344.6	.....
Stocks, end of period @.....	do.....	106.7	*131.9	128.5	105.9	122.4	133.2	138.3	135.4	130.0	123.9	131.9	116.6	*131.9	136.0	148.1	.....
Salad or cooking oils:																	
Production.....	do.....	4,842.3	*5,075.5	365.6	428.3	399.5	484.1	422.6	426.4	*446.5	*412.5	*438.7	*436.9	*417.1	431.7	417.6	.....
Stocks, end of period @.....	do.....	123.0	*141.2	109.8	115.3	122.0	138.0	130.8	131.8	126.3	141.5	126.7	133.5	*141.2	118.8	145.6	.....
Margarine:																	
Production.....	do.....	2,519.5	*2,553.2	214.8	242.9	186.8	197.5	193.0	188.3	199.0	205.9	225.8	224.6	*241.5	235.8	228.6	.....
Stocks, end of period @.....	do.....	69.5	*80.5	82.1	67.5	77.3	75.2	78.3	68.7	77.1	72.7	81.6	64.9	*80.5	71.6	80.0	.....
Price, wholesale (colored; mfr. to wholesaler or large retailer; delivered).....	\$ per lb..	0.529	0.549	0.523	0.535	0.551	0.546	0.542	0.554	0.560	0.561	0.565	0.565	0.565	0.565	0.565	0.565
Animal and fish fats:																	
Tallow, edible:																	
Production (quantities rendered).....	mil. lb..	835.0	*904.8	68.6	81.3	74.2	82.9	77.2	75.1	76.9	67.7	81.3	69.4	*72.4	73.8	70.3	.....
Consumption in end products.....	do.....	847.8	*765.7	68.6	73.0	64.6	68.6	58.6	64.3	60.9	54.3	72.4	59.4	*53.5	61.0	64.7	.....
Stocks, end of period @.....	do.....	55.1	*56.6	57.6	46.2	45.3	44.4	47.0	43.6	46.5	49.1	41.4	46.6	*56.6	68.6	63.6	.....
Tallow and grease (except wool), inedible:																	
Production (quantities rendered).....	do.....	5,815.9	*5,836.3	432.8	488.5	449.1	488.1	469.4	472.7	529.2	462.0	533.1	510.6	*492.7	531.5	471.6	.....
Consumption in end products.....	do.....	3,219.5	*3,117.6	255.1	268.8	259.9	286.7	253.3	265.9	270.0	241.5	276.0	251.7	*221.0	256.8	240.6	.....
Stocks, end of period @.....	do.....	346.6	*390.4	374.8	369.4	358.2	393.8	394.0	372.5	399.3	375.7	403.2	404.5	*390.4	420.2	421.6	.....
Vegetable oils and related products:																	
Coconut oil:																	
Production, refined.....	mil. lb..	768.3	*595.6	55.9	68.0	49.8	48.5	39.1	50.3	46.3	47.2	38.7	51.5	*40.3	42.6	33.9	.....
Consumption in end products.....	do.....	914.2	*748.3	66.3	83.3	69.1	69.8	62.0	50.4	58.5	58.0	54.4	55.3	*48.5	50.4	48.3	.....
Stocks, refined, end of period @.....	do.....	44.4	*40.1	41.3	43.7	41.6	42.0	31.6	42.8	40.2	43.7	48.2	54.2	*40.1	51.0	40.4	.....
Imports.....	do.....	1,022.5	979.8	83.7	87.7	56.6	52.6	70.3	44.5	86.4	77.4	86.6	92.1	75.7	75.1	50.1	.....
Corn oil:																	
Production: Crude.....	do.....	720.0	743.4	54.9	69.4	67.4	69.7	60.6	61.5	63.9	60.3	61.8	63.3	63.0	62.3	60.1	.....
Production: Refined.....	do.....	581.1	*589.4	41.7	54.2	46.7	52.2	49.2	41.4	53.0	51.9	56.8	52.2	*46.9	55.4	49.8	.....
Consumption in end products.....	do.....	537.9	*555.0	41.6	50.5	36.1	48.4	45.0	40.5	45.3	47.7	53.2	50.6	*47.0	51.4	46.3	.....
Stocks, crude and ref., end of period @.....	do.....	70.3	*65.2	71.5	69.9	84.5	85.6	89.2	91.7	79.8	70.2	68.8	62.7	*65.2	66.9	65.8	.....
Cottonseed oil:																	
Production: Crude.....	do.....	1,417.7	1,260.5	128.0	135.3	115.0	103.7	86.3	73.8	85.5	53.5	98.6	126.5	119.9	142.8	125.7	.....
Production: Refined.....	do.....	1,207.3	*1,140.8	113.1	126.4	108.2	97.9	78.7	78.7	92.7	56.7	69.6	97.0	*103.0	119.1	102.7	.....
Consumption in end products.....	do.....	697.3	*618.2	57.0	60.9	48.9	64.8	45.9	41.0	53.9	43.1	44.9	50.8	*51.1	55.6	56.3	.....
Stocks, crude and ref., end of period @.....	do.....	127.1	*144.3	152.9	141.0	143.1	141.0	139.5	116.9	117.2	86.4	93.1	129.0	*144.3	173.2	198.9	.....
Exports (crude and refined).....	do.....	728.8	633.0	71.2	89.9	51.3	52.5	63.1	63.8	18.1	56.6	34.0	48.9	27.0	34.8	28.1	.....
Price, wholesale (N.Y.).....	\$ per lb..	0.332	0.369	0.380	0.385	0.395	0.380	0.380	0.405	0.388	0.390	0.365	0.340	0.285	0.255	0.275	0.243
Soybean oil:																	
Production: Crude.....	mil. lb..	10,621.4	11,504.1	902.3	982.2	939.6	964.7	930.5	899.9	856.7	848.9	1,020.3	1,067.9	1,102.0	1,115.3	1,064.7	.....
Production: Refined.....	do.....	8,618.4	*9,110.1	681.7	768.9	760.1	835.4	742.8	748.3	762.8	693.0	805.9	797.6	*760.3	801.9	757.5	.....
Consumption in end products.....	do.....	8,175.2	*8,656.4	636.2	755.3	682.4	775.0	701.6	711.4	744.8	700.9	781.4	742.2	*730.1	750.7	718.7	.....
Stocks, crude and ref., end of period @.....	do.....	970.6	*1,030.1	942.8	1,004.2	987.3	1,043.0	922.9	915.4	815.1	775.8	819.8	867.3	*1,030.1	1,155.2	1,202.1	.....
Exports (crude and refined).....	do.....	*1,944.5	2,370.6	249.8	199.0	185.6	107.3	299.0	166.2	187.4	159.1	127.8	208.5	261.9	173.4	250.0	.....
Price, wholesale (refined; N.Y.).....	\$ per lb..	0.309	0.327	0.325	0.321	0.319	0.311	0.321	0.346	0.340	0.350	0.330	0.332	0.316	0.282	0.289	0.274
<b>TOBACCO</b>																	
Leaf:																	
Production (crop estimate).....	mil. lb..	*2,024	*1,547	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stocks, dealers' and manufacturers', end of period.....	mil. lb..	5,071	4,883	.....	4,905	.....	.....	4,518	.....	.....	4,928	.....	.....	4,883	.....	.....	.....
Exports, incl. scrap and stems.....	thous. lb..	687,772	*561,756	50,142	57,079	51,797	42,244	25,312	37,980	29,512	30,051	41,608	78,922	81,549	27,970	52,521	.....
Imports, incl. scrap and stems.....	do.....	335,981	*377,203	31,267	28,917	30,072	35,464	26,058	28,500	32,767	32,095	39,173	26,044	23,979	29,332	34,263	.....
Manufactured:																	
Consumption (withdrawals):																	
Cigarettes (small):																	
Tax-exempt.....	millions..	85,135	92,895	6,778	8,896	7,713	9,082	8,448	7,423	7,827	6,574	8,483	7,236	7,593	9,239	.....	.....
Taxable.....	do.....	614,208	*613,811	48,628	58,873	48,354	53,199	52,381	45,798	55,483	49,722	56,359	49,515	*40,044	54,126	.....	.....
Cigars (large), taxable.....	do.....	3,621	3,356	243	331	249	291	322	235	310	290	324	276	239	256	.....	.....
Exports, cigarettes.....	do.....	74,359	*79,717	5,639	7,758	6,417	6,687	7,972	6,698	7,651	5,058	6,859	7,146	7,432	6,262	6,236	.....

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1976 and descriptive notes are as shown in the 1977 edition of BUSINESS STATISTICS	1978	1979	1979												1980		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	

**LEATHER AND PRODUCTS**

<b>HIDES AND SKINS</b>																	
Exports:																	
Value, total #	thous.\$.	'694,617	991,707	77,390	98,309	91,698	101,425	88,329	78,702	91,814	79,971	71,969	78,697	71,798	60,782	75,134	
Calf and kid skins	thous. skins.	2,665	2,321	264	233	267	126	204	216	196	169	140	143	157	159	205	
Cattle hides	thous. hides.	24,792	23,731	2,056	2,405	2,130	2,358	2,034	1,627	2,018	1,993	1,830	2,041	1,603	1,308	1,705	
Imports:																	
Value, total #	thous. \$.	105,600	138,800	8,400	10,000	10,500	24,800	16,500	11,900	15,400	8,600	7,400	8,100	8,000			
Sheep and lamb skins	thous. pieces.	17,807	15,529	1,581	1,835	1,449	2,967	1,425	1,080	1,331	804	514	598	624	779	641	
Goat and kid skins	do.	1,762	2,444	145	191	121	264	231	134	245	83	170	198	309	144	217	
Price, wholesale, f.o.b. shipping point:																	
Calfskins, packer, heavy, 9 1/2-15 lb	\$ per lb.	1.346	1.687	2.000	2.200	2.200	2.200	1.770	1.550	1.550	1.360	1.360	1.150	1.100	1.500	1.344	
Hides, steer, heavy, native, over 53 lb	do.	0.472	0.731	0.653	0.913	0.893	0.905	0.829	0.777	0.708	0.654	0.677	0.593	0.571	0.591	0.487	
																1.150	
																	0.394
<b>LEATHER</b>																	
Exports:																	
Upper and lining leather	thous. sq. ft.	'208,799	187,665	16,014	18,833	16,480	15,664	18,526	13,153	15,265	'14,457	13,895	16,089	15,433	15,769	16,873	
Price, wholesale, f.o.b. tannery:																	
Sole, bends, light	index, 1967=100.	*235.2	329.6	284.7	338.0	366.7	417.1	394.0	353.8	340.8	294.8	304.9	284.0	291.2	327.2	314.9	284.7
<b>LEATHER MANUFACTURES</b>																	
Footwear:																	
Production, total	thous. pairs.	418,948	'381,171	33,448	37,034	31,918	35,355	30,491	24,374	32,350	29,591	33,470	'29,996	'27,476	34,092		
Shoes, sandals, and play shoes, except athletic	thous. pairs.	314,695	'298,929	26,281	29,356	24,811	27,367	23,223	19,726	25,351	22,667	26,047	'23,677	'22,018	26,910		
Slippers	do.	79,353	'62,509	5,326	6,034	5,444	6,176	5,718	3,355	5,268	5,463	5,588	'4,811	'3,992	5,350		
Athletic	do.	20,852	'15,009	1,399	1,279	1,280	1,345	1,097	882	1,300	1,197	1,387	'1,214	'1,125	1,472		
Other footwear	do.	2,669	'3,552	334	246	280	352	351	341	341	179	354	'204	'260	272		
Exports:	do.	6,179	7,581	526	657	452	512	554	570	636	790	698	758	879	689	862	
Prices, wholesale f.o.b. factory:																	
Men's and boys' oxfords, dress, elk or side upper, Goodyear welt	index, 1967=100.	*211.3															
Women's oxfords, elk side upper, Goodyear welt	index, 1967=100.	185.3	216.9	197.3	204.6	207.0	211.8	219.0	219.0	219.0	223.8	234.6	234.6	234.6	239.5	240.7	
Women's pumps, low-medium quality	do.	*157.5	*181.5												180.1	180.1	
																	189.4

**LUMBER AND PRODUCTS**

<b>LUMBER—ALL TYPES #</b>																	
National Forest Products Association:																	
Production, total	mil. bd. ft.	'37,657	'36,965	2,877	3,306	3,119	3,219	3,143	3,018	3,355	3,131	3,412	2,914	2,631			
Hardwoods	do.	'6,758	'7,291	607	640	618	647	664	612	689	632	665	646	612			
Softwoods	do.	'30,899	'29,674	2,270	2,666	2,501	2,572	2,479	2,406	2,666	2,499	2,747	2,268	2,019			
Shipments, total	do.	'37,712	'36,550	2,756	3,279	3,107	3,329	3,087	3,128	3,408	3,106	3,224	2,777	2,589			
Hardwoods	do.	'6,735	'6,920	589	620	604	644	632	567	649	612	606	590	552			
Softwoods	do.	'30,977	'29,630	2,167	2,659	2,503	2,685	2,455	2,561	2,759	2,494	2,618	2,187	2,037			
Stocks (gross), mill, end of period, total	do.	'4,795	'5,210	4,932	4,964	4,975	4,868	5,003	4,893	4,843	4,875	5,063	5,207	'5,210			
Hardwoods	do.	'796	'1,167	835	856	870	875	907	952	995	1,022	1,081	1,144	'1,167			
Softwoods	do.	'3,999	'4,043	4,097	4,108	4,105	3,993	4,096	3,941	3,848	3,853	3,982	4,063	'4,043			
Exports, total sawmill products	do.	1,300	1,447	121	129	126	127	126	106	121	147	112	124	113			
Imports, total sawmill products	do.	12,199	11,513	761	998	925	1,237	1,011	1,010	1,043	999	924	909	771			
<b>SOFTWOODS</b>																	
Douglas fir:																	
Orders, new	mil. bd. ft.	8,894	8,214	646	800	752	596	793	694	639	679	651	585	634	753	589	
Orders, unfilled, end of period	do.	553	529	639	685	690	546	617	634	575	592	540	499	529	664	558	
Production	do.	8,845	8,201	668	768	733	706	687	640	668	685	726	647	610	651	710	
Shipments	do.	8,906	8,238	629	754	747	740	722	677	698	662	703	626	604	618	695	
Stocks (gross), mill, end of period	do.	903	866	929	943	929	895	860	823	793	816	839	860	866	899	914	
Exports, total sawmill products	do.	478	520	46	46	46	54	42	38	43	51	43	44	36			
Sawed timber	do.	119	156	11	13	13	22	13	14	12	16	13	13	8			
Boards, planks, scantlings, etc	do.	359	363	35	33	33	32	29	24	31	35	30	31	28			
Price, wholesale:																	
Dimension, construction, dried, 2" x 4", R.L.	\$ per M bd. ft.	253.39	277.24	260.53	261.46	267.69	271.17	270.53	274.89	303.60	320.46	304.34	283.66	249.76	237.36	236.96	222.70
Southern pine:																	
Orders, new	mil. bd. ft.	'8,229	7,950	691	792	622	686	745	691	765	563	628	527	571			
Orders, unfilled, end of period	do.	505	523	607	618	586	566	675	655	671	602	525	463	523			
Production	do.	'8,267	7,938	642	742	665	669	673	670	726	638	743	594	522			
Shipments	do.	'8,264	7,932	622	781	654	706	636	711	749	632	705	589	511			
Stocks (gross), mill and concentration yards, end of period	mil. bd. ft.	1,169	1,175	1,207	1,168	1,178	1,142	1,179	1,138	1,115	1,121	1,159	1,164	1,175			
Exports, total sawmill products	thous. bd. ft.	152,121	209,793	25,522	15,300	13,321	14,995	15,285	8,585	16,458	22,263	18,685	16,051	28,052			
Prices, wholesale (indexes):																	
Boards, No. 2 and better, 1" x 6", R.L.	1967=100.	329.9	366.2	349.4	356.9	361.7	362.8	364.9	370.1	372.8	377.6	378.9	377.6	372.9	370.1	371.7	368.3
Flooring, C and better, F. G., 1" x 4", S.L.	1967=100.	276.9	301.4	286.5	288.6	290.4	291.9	293.0	304.0	308.8	311.6	316.0	320.4	320.4	320.4	323.6	326.9

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1976 and descriptive notes are as shown in the 1977 edition of BUSINESS STATISTICS	1978	1979	1979												1980		
	Annual	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.		
<b>LUMBER AND PRODUCTS—Continued</b>																	
<b>SOFTWOODS—Continued</b>																	
Western pine:																	
Orders, new.....mil. bd. ft.	9,946	9,777	715	821	808	833	831	895	989	866	825	703	695	754	586		
Orders, unfilled, end of period.....do....	469	403	612	606	603	503	524	532	531	488	411	381	403	513	442		
Production.....do....	10,033	9,857	731	863	814	898	835	829	941	882	950	760	644	608	670		
Shipments.....do....	10,067	9,843	699	827	811	933	810	887	990	909	902	733	673	644	657		
Stocks (gross), mill, end of period.....do....	1,295	1,309	1,368	1,404	1,407	1,372	1,397	1,339	1,290	1,263	1,311	1,338	1,309	1,273	1,286		
Price, wholesale, Ponderosa, boards, No. 3, 1" x 12", R.L. (6" and over).....\$ per M bd. ft.	*237.07	317.26	332.11	366.87	371.17	342.59	338.16	306.16	301.95	309.48	316.41	277.35	240.42	2,526.20	291.36	314.97	
<b>HARDWOOD FLOORING</b>																	
Oak:																	
Orders, new.....mil. bd. ft.	108.6	93.4	7.3	8.4	7.3	10.3	7.6	6.9	10.1	7.4	8.0	6.2	4.4				
Orders, unfilled, end of period.....do....	9.2	7.0	9.2	9.1	8.3	9.4	9.9	9.5	9.5	9.5	8.5	8.0	7.0	4.9	4.1		
Production.....do....	104.7	99.8	7.8	8.3	8.2	9.1	8.5	7.0	10.3	8.0	9.2	8.1	7.0				
Shipments.....do....	106.3	96.7	7.2	8.6	8.0	9.2	8.7	7.3	10.1	7.4	9.0	6.8	4.9	8.2	6.6		
Stocks (gross), mill, end of period.....do....	2.7	5.4	2.1	1.9	2.1	2.0	2.7	2.4	2.6	3.2	3.4	4.8	5.4	6.6	7.6		

### METALS AND MANUFACTURES

<b>IRON AND STEEL</b>																
Exports:																
Steel mill products.....thous. sh. tons.	2,422	2,818	165	217	226	237	255	234	250	244	281	227	289	198	296	
Scrap.....do....	9,038	11,094	1,145	871	847	870	893	1,001	1,179	717	926	863	889	1,139	992	
Pig iron.....do....	51	105	5	2	20	1	6	16	8	7	2	4	1	2	1	
Imports:																
Steel mill products.....do....	21,135	17,518	1,329	1,096	1,072	1,655	1,366	1,514	1,784	1,641	1,603	1,652	1,542	1,265	1,667	
Scrap.....do....	794	760	48	68	73	59	72	104	50	47	50	81	61	51	70	
Pig iron.....do....	655	476	33	38	47	22	113	25	44	39	10	21	33	6	27	
<b>Iron and Steel Scrap</b>																
Production.....thous. sh. tons.	151,960	52,143	4,110	4,900	4,658	4,816	4,539	4,392	4,417	4,106	4,422	3,855	3,700	3,992		
Receipts, net.....do....	145,411	59,521	3,597	4,617	4,420	4,378	4,393	3,910	3,846	3,533	3,831	3,422	3,393	3,593		
Consumption.....do....	99,133	98,929	7,928	9,428	8,967	9,114	8,728	7,969	8,101	7,704	8,222	7,438	7,121	7,898		
Stocks, end of period.....do....	8,277	8,692	7,780	8,000	8,138	8,272	8,444	8,763	8,846	8,877	8,930	8,752	8,692	8,342		
Prices, steel scrap, No. 1 heavy melting:																
Composite (5 markets).....\$ per lg. ton.	73.84	98.07	104.74	122.59	108.20	93.16	105.33	96.99	92.03	88.52	86.33	91.01	93.40	97.42		
Pittsburgh district.....do....	78.29	101.50	106.50	133.00	111.50	96.00	114.00	102.50	95.00	90.00	86.50	91.00	96.50	101.00	108.50	
<b>Ore</b>																
Iron ore (operations in all U.S. districts):																
Mine production.....thous. lg. tons.	81,583	85,123	5,634	6,681	7,069	7,571	7,748	7,884	7,946	7,053	6,925	7,088	7,380	6,867		
Shipments from mines.....do....	83,207	86,633	2,486	2,792	5,043	9,080	9,350	10,362	10,195	9,495	9,543	8,380	6,611	2,279		
Imports.....do....	29,924	32,698	1,479	854	2,242	3,567	3,993	4,296	3,700	2,933	2,410	1,998	3,119	1,866	1,167	
U.S. and foreign ores and ore agglomerates:																
Receipts at iron and steel plants.....do....	114,227	115,892	3,633	4,436	7,443	12,276	13,294	15,279	12,804	12,122	11,548	9,775	8,571	3,526		
Consumption at iron and steel plants.....do....	116,304	115,014	8,988	10,540	10,251	10,932	10,349	10,359	9,701	8,869	8,899	8,165	8,507	8,631		
Exports.....do....	3,762	4,455	31	20	343	517	411	576	636	349	264	377	748	149	2	
Stocks, total, end of period.....do....	55,339	55,753	50,685	47,801	46,745	46,563	48,027	50,968	51,451	52,013	54,204	55,151	55,753	53,719		
At mines.....do....	12,469	11,368	18,000	21,886	23,912	22,406	20,809	19,333	17,045	14,625	12,003	10,700	11,368	15,945		
At furnace yards.....do....	39,301	38,969	29,059	22,862	19,943	21,202	24,173	28,960	31,869	35,031	37,584	39,108	38,969	33,875		
At U.S. docks.....do....	3,569	5,416	3,626	3,053	2,890	2,955	3,045	2,675	2,537	2,357	4,617	5,343	5,416	3,899		
Manganese (mn. content), general imports.....do....	842	850	50	60	57	85	122	61	34	85	53	105	76	56	109	
<b>Pig Iron and Iron Products</b>																
Pig iron:																
Production (excluding production of ferroalloys).....thous. sh. tons.	87,687	86,709	6,636	7,953	7,726	8,277	8,026	7,505	7,351	6,762	6,779	6,258	6,372	6,583	6,357	7,115
Consumption.....do....	88,384	87,339	6,678	8,043	7,729	8,317	8,038	7,774	7,403	6,768	6,825	6,301	6,383	6,638	6,401	
Stocks, end of period.....do....	889	881	835	826	737	739	730	808	860	876	865	856	881	841	814	
Price, basic furnace.....\$ per sh. ton.	196.00	203.00	203.00	203.00	203.00	203.00	203.00	203.00	202.50	202.50	202.50	202.50	202.50	203.00		
Castings, gray and ductile iron:																
Orders, unfilled, for sale, end of period.....thous. sh. tons.	961	842	997	1,039	998	1,006	993	954	942	927	832	806	842			
Shipments, total.....do....	15,318	14,573	1,210	1,478	1,302	1,408	1,339	1,140	1,159	1,125	1,224	1,097	852			
For sale.....do....	7,496	7,520	574	740	662	173	698	615	679	620	655	546	418			
Castings, malleable iron:																
Orders, unfilled, for sale, end of period.....thous. sh. tons.	66	57	68	67	63	61	54	51	35	54	52	46	57			
Shipments, total.....do....	817	724	68	78	65	69	61	49	54	54	60	57	39			
For sale.....do....	447	398	35	41	33	34	32	24	52	31	30	28	22			
<b>Steel, Raw and Semifinished</b>																
Steel (raw):																
Production.....thous. sh. tons.	137,031	136,013	10,562	12,576	12,196	12,789	12,230	11,821	11,309	10,541	10,891	9,997	9,996	10,701	10,332	11,439
Rate of capability utilization.....percent.	86.8	87.4	87.9	94.5	93.4	94.8	93.7	89.9	86.0	82.8	84.4	80.6	78.0	82.7	85.3	88.4
Steel castings:																
Orders, unfilled, for sale, end of period.....thous. sh. tons.	800	1,026	938	974	1,004	1,062	1,072	1,107	1,122	1,107	1,079	1,080	1,026			
Shipments, total.....do....	1,854	2,023	170	195	160	183	170	141	171	161	186	156	159			
For sale, total.....do....	1,640	1,767	150	171	140	159	148	124	150	138	163	135	136			

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1976 and descriptive notes are as shown in the 1977 edition of BUSINESS STATISTICS	1978	1979	1979										1980		
	Annual	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.

**METALS AND MANUFACTURES—Continued**

<b>Steel Mill Products</b>															
Steel products, net shipments:															
Total (all grades)..... thous. sh. tons..	'97,935	100,262	7,996	10,293	7,438	10,187	8,977	8,319	8,475	7,929	8,355	7,385	6,743	7,952	7,690
By product:															
Semifinished products..... do.....	'5,070	5,496	410	545	462	505	505	421	434	513	484	421	393	404	503
Structural shapes (heavy), steel piling..... do.....	'4,667	5,596	391	542	477	535	461	443	446	462	313	476	448	504	485
Plates..... do.....	'8,601	9,035	648	850	739	905	768	762	804	773	744	709	646	729	743
Rails and accessories..... do.....	'1,703	2,026	155	183	167	188	169	147	166	173	181	167	178	182	177
Bars and tool steel, total..... do.....	'16,915	17,601	1,440	1,851	1,369	1,786	1,556	1,427	1,530	1,349	1,459	1,318	1,160	1,415	1,308
Bars: Hot rolled (incl. light shapes)..... do.....	'10,045	9,958	858	1,109	781	1,030	893	838	860	756	793	701	581	764	681
Bars: Reinforcing..... do.....	'4,704	5,303	380	499	427	513	469	406	466	411	468	444	435	461	460
Bars: Cold finished..... do.....	2,084	2,245	193	232	154	234	196	176	196	173	190	165	137	183	159
Pipe and tubing..... do.....	8,399	8,242	601	781	637	754	768	678	675	659	723	663	677	722	747
Wire and wire products..... do.....	2,510	2,449	195	245	207	237	213	194	203	193	218	179	145	180	170
Tin mill products..... do.....	6,100	6,310	461	753	426	578	531	528	545	522	468	443	443	573	520
Sheets and strip (incl. electrical), total..... do.....	43,609	43,507	3,695	4,543	2,952	4,699	4,006	3,719	3,673	3,263	3,512	2,984	2,653	3,242	3,036
Sheets: Hot rolled..... do.....	15,447	15,995	1,322	1,674	1,084	1,672	1,536	1,407	1,366	1,185	1,291	1,071	1,068	1,154	1,085
Sheets: Cold rolled..... do.....	17,821	17,284	1,499	1,800	1,165	1,888	1,525	1,438	1,418	1,298	1,395	1,197	1,010	1,290	1,216
By market (quarterly):															
Service centers and distributors..... do.....	17,333	18,263		4,761			4,847			4,641			3,955	<sup>2</sup> 1,427	<sup>2</sup> 1,401
Construction, incl. maintenance..... do.....	'9,612	10,058		2,345			2,666			2,597			2,442	<sup>2</sup> 785	<sup>2</sup> 791
Contractors' products..... do.....	3,480	4,021		1,017			1,026			1,048			930		
Automotive..... do.....	21,253	18,624		5,850			5,303			4,051			3,454	<sup>2</sup> 1,227	<sup>2</sup> 1,147
Rail transportation..... do.....	3,549	4,127		985			1,055			1,018			1,052	<sup>2</sup> 365	<sup>2</sup> 339
Machinery, industrial equip., tools..... do.....	5,992	6,027		1,579			1,602			1,552			1,289	<sup>2</sup> 509	<sup>2</sup> 489
Containers, packaging, ship. materials..... do.....	6,595	6,770		1,847			1,677			1,758			1,504	<sup>2</sup> 586	<sup>2</sup> 512
Other..... do.....	30,121	32,372		8,112			8,426			8,057			7,857	<sup>2</sup> 732	<sup>2</sup> 710
Steel mill shapes and forms, inventories, end of period—total for the specified sectors:															
mil. sh. tons..	37.2	36.7	35.9	34.8	36.2	36.0	36.3	36.9	36.9	36.9	35.8	35.9	'36.7		
Producing mills, inventory, end of period:															
Steel in process..... mil. sh. tons..	11.7	11.5	10.8	10.4	11.1	11.2	11.5	11.9	11.5	11.2	11.0	10.9	11.5	11.4	
Finished steel..... do.....	8.0	7.6	8.2	7.4	8.5	7.7	7.6	7.5	7.5	7.6	7.3	7.4	7.6	7.5	
Service centers (warehouses), inventory, end of period..... mil. sh. tons..	7.1	7.5	7.1	7.0	6.8	7.1	7.2	7.2	7.6	7.6	7.3	7.4	7.5		
Consumers (manufacturers only):															
Inventory, end of period..... do.....	10.4	10.1	9.8	10.0	9.8	10.0	10.0	10.3	10.3	10.5	10.2	10.2	10.1	9.9	
Receipts during period..... do.....	67.5	66.2	5.4	6.4	5.2	6.3	5.8	5.2	5.8	5.6	5.5	5.1	'4.4	4.8	
Consumption during period..... do.....	66.9	66.4	5.6	6.2	5.4	6.1	5.8	4.9	5.8	5.4	5.8	5.1	4.5	5.0	
<b>NONFERROUS METALS AND PRODUCTS</b>															
<b>Aluminum:</b>															
Production, primary (dom. and foreign ores)..... thous. sh. tons..	4,804	5,023	379	419	402	423	410	428	430	419	435	423	435		
Recovery from scrap (aluminum content)..... do.....	1,407	1,476	119	132	128	131	125	117	134	115	121	119	115		
Imports (general):															
Metal and alloys, crude..... do.....	756.9	571.0	41.0	53.9	44.3	57.8	36.0	62.6	30.8	31.9	39.4	40.8	62.6	61.8	45.3
Plates, sheets, bars, etc..... do.....	207.1	187.6	15.9	20.5	23.1	22.8	23.5	16.7	16.4	9.7	10.2	11.1	9.0	8.6	7.7
Exports:															
Metal and alloys, crude..... do.....	126.6	200.7	15.4	14.8	19.4	12.0	7.7	8.3	12.2	8.4	19.2	17.2	33.6	39.6	37.7
Plates, sheets, bars, etc..... do.....	197.0	256.8	18.4	17.2	19.1	26.3	27.7	17.6	23.0	19.0	26.0	20.2	23.2	12.4	31.9
Price, primary ingot, 99.5% minimum.... \$ per lb..	0.5308	0.5940	0.5500	0.5534	0.5800	0.5800	0.5800	0.5800	0.5800	0.6008	0.6532	0.6600	0.6600		
<b>Aluminum products:</b>															
Shipments:															
Ingot and mill prod. (net ship.)..... mil. lb..	13,982	14,105	1,147	1,374	1,129	1,252	1,191	1,123	1,180	1,074	'1,179	1,087	1,123	1,245	
Mill products, total..... do.....	11,332	11,186	911	1,096	936	1,011	961	917	958	857	'925	829	808	946	
Sheet and plate..... do.....	6,409	6,784	515	633	524	575	540	525	541	489	'501	450	457	537	
Castings..... do.....	2,005	1,994	183	203	173	181	179	134	151	144	177	'152	122	162	
Inventories, total (ingot, mill products, and scrap), end of period..... mil. lb..	5,496	5,130	5,242	5,009	5,025	4,960	4,905	4,935	4,930	4,958	'4,958	5,020	5,130	5,072	
<b>Copper:</b>															
Production:															
Mine, recoverable copper..... thous. tons \$..	1,490.3	1,441.3	106.1	121.5	122.9	129.2	119.5	116.0	128.0	124.5	130.3	120.8	115.9	122.6	
Refinery, primary..... do.....	1,533.1	1,515.4	127.3	133.4	134.3	134.1	125.0	116.8	132.1	104.3	125.6	132.2	126.7	132.9	
From domestic ores..... do.....	1,408.9	1,411.5	119.2	124.7	127.3	127.5	118.5	110.6	124.0	94.7	115.4	121.6	117.8	121.1	
From foreign ores..... do.....	124.2	103.9	8.0	8.6	7.1	6.5	6.5	6.3	8.1	9.6	10.2	10.6	9.0	11.8	
Secondary, recovered as refined..... do.....	453.0		37.6	49.1	49.0	47.5	52.7	42.7	50.2	49.0	55.3				
Imports (general):															
Refined, unrefined, scrap (copper cont.)..... thous. tons \$..	607.5	341.3	17.2	30.5	20.5	28.0	29.9	25.2	38.1	26.7	30.6	41.2	34.2	11.2	46.5
Refined..... do.....	463.4	217.9	7.0	15.7	14.9	14.7	23.1	17.2	28.0	20.3	17.5	23.2	25.0	2.9	37.8
Exports:															
Refined and scrap..... do.....	321.6	308.9	26.3	33.1	25.5	33.0	22.9	30.3	22.9	17.8	22.5	19.9	24.6	19.8	24.2
Refined..... do.....	109.3	80.5	9.4	11.6	10.0	8.9	8.7	4.8	2.9	2.9	2.7	7.3	1.5	1.0	1.4
Consumption, refined (by mills, etc.)..... thous. sh. tons..	2,417			664			633			545					
Stocks, refined, end of period..... do.....	491		388	372	352	304	277	287	275	264	256	243			
Fabricators'..... do.....	124		100	110	116	106	98	119	109	106	101	94			
Price, electrolytic (wirebars), dom., delivered \$ per lb..	0.6651	0.9333	0.8970	0.9672	0.9832	0.9123	0.8824	0.8677	0.9134	0.9585	0.9911	0.9971	1.0645		
<b>Copper-base mill and foundry products, shipments (quarterly total):</b>															
Brass mill products..... mil. lb..	2,769			826			805			699					
Copper wire mill products (copper cont.)..... do.....	2,911			784			764			702					
Brass and bronze foundry products..... do.....	565			145			146			143					
<b>Lead:</b>															
Production:															
Mine, recoverable lead..... thous. tons \$..	582.9	520.1	44.0	42.5	37.0	41.8	42.0	41.4	48.8	34.6	50.0	46.5	'43.9	51.7	
Recovered from scrap (lead cont.)..... do.....	753.0	719.0	60.5	65.1	64.1	62.0	65.2	51.3	58.1	58.2	65.0	60.7	54.3		
Imports (general), ore (lead cont.), metal..... do.....	83.9	59.6	5.4	5.3	8.3	5.2	2.5	7.6	3.9	5.3	3.3	2.7	6.1	4.4	6.6
Consumption, total..... do.....	1,432.7	1,303.6	111.0	124.3	109.5	116.7	108.5	91.3	106.0	109.3	112.1	106.3	94.0		

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1976 and descriptive notes are as shown in the 1977 edition of BUSINESS STATISTICS	1978	1979	1979										1980		
	Annual	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
<b>METALS AND MANUFACTURES—Continued</b>															
<b>NONFERROUS METALS AND PRODUCTS—Continued</b>															
<b>Lead—Continued</b>															
Stocks, end of period:															
Producers' (lead content), ABMS	170.4	105.2	155.6	147.8	136.5	133.6	113.1	111.9	115.4	114.7	114.1	109.0	105.2	108.1	114.6
Refiners' (primary), refined and antimonial (lead content)	19.4	46.1	11.7	13.2	13.1	12.6	12.4	9.2	11.8	11.3	11.2	24.7	46.1		
Consumers' (lead content) †	110.8	118.8	88.6	91.0	95.0	99.0	102.9	112.0	118.4	117.8	125.7	126.2	118.8		
Scrap (lead-base, purchased), all smelters (gross weight)	86.6	52.4	74.7	69.7	66.8	67.7	59.6	63.1	64.9	60.6	55.2	51.3	52.4		
Price, common grade, delivered	0.3365	0.5264	0.4363	0.4575	0.4800	0.4880	0.5651	0.5807	0.5791	0.5800	0.6106	0.5726	0.5595		
<b>Tin:</b>															
Imports (for consumption):															
Ore (tin content)	3,873	4,529	1,477	176	154	700	736	46	195	76	2	231	621	34	412
Metal, unwrought, unalloyed	46,773	48,354	4,115	4,957	5,033	4,298	4,882	2,905	3,842	2,872	3,361	3,337	4,171	4,617	4,145
Recovery from scrap, total (tin cont.)	21,100		1,355	1,425	1,405	1,660	1,525	1,240	1,525	1,235	1,540	1,365			
As metal	1,565		135	170	140	170	150	160	165	140	180	165			
Consumption, total	63,100	62,500	5,500	6,400	5,400	5,400	5,300	4,900	4,900	5,000	5,500	5,000	4,600		
Primary	47,000	49,000	3,900	4,700	4,000	4,300	4,200	3,800	3,900	4,000	4,400	4,100	3,900		
Exports, incl. reexports (metal)	4,693	3,418	332	344	311	220	515	305	270	164	260	153	258	392	152
Stocks, pig (industrial), end of period	5,040	4,238	4,254	5,891	6,097	5,938	6,317	6,270	6,096	5,058	4,901	4,244	4,238		
Price, Straits quality (delivered)	6.2958	7.5389	7.2008	7.4180	7.3590	7.4077	7.5392	7.5952	7.3952	7.6195	7.8140	7.9963	8.2795		
<b>Zinc:</b>															
Mine prod., recoverable zinc	302.7	263.7	21.5	23.4	20.8	22.6	21.7	20.6	25.0	18.5	23.4	21.9	21.4	28.4	
Imports (general):															
Ores (zinc content)	207.2	225.0	14.9	28.0	18.1	10.2	20.9	23.1	15.9	10.9	19.0	24.7	8.5	8.6	7.7
Metal (slab, blocks)	681.1	527.1	42.1	47.0	36.1	52.9	58.6	41.2	39.4	36.5	59.6	34.8	35.3	4.6	4.1
Consumption (recoverable zinc content):															
Ores	99.0	82.7	7.3	7.7	7.1	7.6	7.9	7.1	6.5	7.0	5.4	6.0	5.6	6.6	
Scrap, all types	237.3	230.0	14.2	15.2	15.1	15.1	22.5	22.4	22.1	22.6	22.6	22.3	22.2	22.3	
<b>Slab zinc: @</b>															
Production (primary smelter), from domestic and foreign ores	406.1	443.0	38.4	43.8	42.6	41.0	34.2	36.5	33.5	33.2	37.7	36.4	29.0	25.6	
Secondary (redistilled) production	38.7	44.5	3.5	4.2	3.8	4.2	4.8	3.5	4.6	2.9	4.1	3.0	1.4	2.1	
Consumption, fabricators	1,127.3	1,008.2	89.3	96.9	88.4	94.1	90.3	73.6	84.5	72.4	82.4	76.4	71.4	81.3	
Exports	0.8	0.3	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	0.1	( <sup>2</sup> )	( <sup>2</sup> )
Stocks, end of period:															
Producers', at smelter (ABMS)	38.4	55.8	34.5	34.0	40.4	42.4	41.0	47.0	52.7	52.2	51.0	59.8	55.8	43.1	30.8
Consumers'	94.6	78.9	77.0	93.0	90.2	89.4	92.3	94.0	84.5	82.3	79.3	78.2	78.9	74.2	
Price, Prime Western	0.3097	0.3730	0.3562	0.3724	0.3899	0.3939	0.3939	0.3940	0.3690	0.3580	0.3621	0.3682	0.3723		
<b>MACHINERY AND EQUIPMENT</b>															
<b>Heating, combustion, atmosphere equipment, new orders (domestic, net, qtrly) #</b>															
Electric processing heating equipment	286.8			80.2			106.4								
Fuel-fired processing heating equip.	71.4			27.2			24.4								
Material handling equipment (industrial):				26.0			53.6								
Orders (new), index, seas. adj. 1967=100.	336.1	419.4	357.4	444.0	375.9	400.8	480.8	425.9	471.7	389.9	451.8	408.3	433.5		
<b>Industrial trucks (electric), shipments:</b>															
Hand (motorized)	20,994	24,183	1,774	2,155	1,939	1,955	2,710	1,383	1,808	2,248	2,209	2,082	2,073		
Rider-type	25,119	28,654	2,326	2,605	2,475	2,406	3,102	1,577	2,232	2,435	2,667	2,124	2,233		
Industrial trucks and tractors (internal combustion engines), shipments	51,986	55,782	4,837	5,142	4,267	4,954	5,948	3,261	4,550	5,108	5,307	4,312	3,367		
<b>Industrial supplies, machinery and equipment:</b>															
New orders index, seas. adjusted. 1967-69=100.	231.1	261.3	267.6	261.7	263.5	261.9	257.2	260.3	260.2	258.4	262.2	258.3	257.7	243.6	228.3
<b>Industrial suppliers distribution:</b>															
Sales index, seas. adjusted. 1967=100.	236.5	271.0	256.4	263.0	269.1	270.8	279.4	276.3	287.1	276.1	274.8	283.4	260.6	260.9	275.2
Price index, not seas. adj. (tools, material handling equip., valves, fittings, abrasives, fasteners, metal products, etc.) 1967=100.	205.3	224.7	217.0	218.5	220.2	221.5	222.8	224.6	227.3	229.1	231.3	232.9	235.0	237.9	240.1
<b>Fluid Power Products Shipments Indexes:</b>															
Hydraulic products, seas. adj. 1972=100.	225	272	254	251	250	267	265	292	291	270	304	282	288	306	313
Pneumatic products, seas. adj.	200	235	219	231	228	236	224	261	264	227	246	231	232	233	230
<b>Machine tools:</b>															
<b>Metal cutting type tools:</b>															
Orders, new (net), total	3,373.45	4,495.10	360.95	376.55	357.70	389.90	335.95	297.90	347.50	475.10	476.35	352.40	304.05	385.10	402.00
Domestic	3,043.15	3,865.80	310.35	343.95	329.95	340.35	293.00	275.35	296.45	397.60	354.65	263.35	321.55	363.15	
Shipments, total	2,188.50	2,930.05	208.05	248.10	227.15	247.55	261.05	194.80	221.45	273.60	289.40	267.15	314.45	247.85	260.00
Domestic	1,960.10	2,605.50	184.70	221.15	195.60	218.10	234.40	169.90	197.90	243.55	266.80	241.95	272.85	230.60	235.45
Order backlog, end of period	2,980.6	4,545.7	3,377.0	3,505.4	3,636.0	3,778.3	3,853.2	3,956.3	4,082.4	4,283.9	4,470.8	4,556.1	4,545.7	4,682.9	4,824.9
<b>Metal forming type tools:</b>															
Orders, new (net), total	968.55	1,047.60	86.95	105.40	103.95	86.35	86.65	64.20	78.55	70.50	88.70	80.50	98.25	81.80	98.10
Domestic	896.85	919.90	77.85	99.00	84.95	76.85	67.10	57.55	73.70	54.25	83.40	67.95	84.45	70.35	91.65
Shipments, total	824.95	946.50	72.30	85.05	77.90	75.05	89.50	72.90	63.90	73.20	90.65	94.15	84.65	82.85	86.90
Domestic	728.50	859.80	67.60	79.10	70.55	69.25	81.15	66.90	58.55	60.00	83.50	84.95	73.65	75.20	79.45
Order backlog, end of period	517.7	618.8	562.7	583.1	609.1	620.5	617.6	608.9	623.5	620.8	618.9	605.2	618.8	617.8	629.0
<b>Tractors used in construction, shipments, qtrly:</b>															
Tracklaying, total	22,057	19,823		5,486			6,099			5,367			2,871	1,450	
Wheel (contractors' off-highway)	1,404.3	1,173.0		377.1			404.3			377.1			145.6	104.0	
Tractor shovel loaders (integral units only), wheel and tracklaying types	6,013			1,564			1,563			1,564					
	440.0			118.1			129.0			109.9					
Tractors, wheel, farm, nonfarm (ex. garden and construction types), ship., qtrly	48,851			13,332			12,605			14,289					
	1,728.9			486.1			392.3			472.2					
				56,310			56,457			45,864			44,028	17,220	
	2,662.1	3,421.0		907.7			927.2			786.1			800.0	281.9	
<b>ELECTRICAL EQUIPMENT</b>															
Batteries (auto-type replacement), ship.	56,389	53,746	4,254	4,068	3,332	3,359	3,830	3,643	5,027	5,137	5,899	5,186	4,647	3,859	3,220
Radio sets, production, total market	48,036	40,029	2,872	3,951	2,114	3,220	4,534	3,208	3,140	3,967	2,689	2,588	4,195	1,669	1,864
Television sets (incl. combination models), production, total market	17,406	16,616	1,378	1,642	1,151	1,232	1,698	1,185	1,261	1,570	1,446	1,360	1,469	1,050	1,188

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1976 and descriptive notes are as shown in the 1977 edition of BUSINESS STATISTICS	1978	1979	1979											1980		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
<b>METALS AND MANUFACTURES—Continued</b>																
<b>ELECTRICAL EQUIPMENT—Continued</b>																
Household major appliances (electrical), factory shipments (domestic and export) # .....thous..	33,215	33,162	'2,501	3,286	2,851	3,369	2,888	2,757	2,696	2,691	2,823	2,436	2,257	2,763	2,580	
Air conditioners (room) ..... do.....	4,037	3,749	333	624	638	693	389	164	96	77	94	139	235	201	342	
Dishwashers ..... do.....	3,558	3,488	260	334	275	308	268	260	310	293	356	282	240	265	250	
Disposers (food waste) ..... do.....	3,312	3,316	'257	310	278	297	263	285	273	274	314	262	242	290	283	
Ranges ..... do.....	3,217	3,003	'223	276	252	277	264	262	251	244	275	244	213	261	262	
Refrigerators..... do.....	5,890	5,701	382	514	412	581	562	584	516	539	518	383	337	466	375	
Freezers ..... do.....	1,521	1,859	'117	160	154	187	199	235	187	180	152	100	101	130	135	
Washers ..... do.....	5,038	4,965	397	476	354	455	436	390	445	435	421	384	298	479	373	
Dryers (incl. gas) ..... do.....	3,621	3,551	291	328	233	298	273	275	316	311	325	319	228	360	278	
Vacuum cleaners (qtrly.) ..... do.....	9,136	13,019		2,298			2,047			4,602			4,072			
<b>GAS EQUIPMENT (RESIDENTIAL)</b>																
Furnaces, gravity and forced-air, shipments.....thous..	1,636	1,863	128	158	139	132	145	148	163	183	206	159	156	'138	132	
Ranges, total, sales ..... do.....	1,794	1,799	145	167	144	153	173	125	149	160	149	142	152	'123	134	
Water heaters (storage), automatic, sales @ ..... do.....	2,921	2,887	227	268	258	259	234	217	231	226	297	236	221	262	233	

**PETROLEUM, COAL, AND PRODUCTS**

<b>COAL</b>																
Anthracite:																
Production † ..... thous. sh. tons..	6,160	'5,750	360	460	475	530	465	415	540	485	600	545	425	470		
Exports ..... do.....	866	1,233	35	50	41	124	80	48	159	127	131	153	206	167	50	
Price, wholesale, chestnut, f.o.b. car at mine \$ per sh. ton..	'47.135	'47.986	47.677	47.677	47.677		47.677	47.677	47.378		47.868	48.725	49.831	(*)		
Bituminous: †																
Production ..... thous. sh. tons..	'665,127	770,000	53,628	65,492	62,790	67,925	69,400	54,495	72,100	63,895	75,910	67,560	60,319	65,880	62,980	
Industrial consumption and retail deliveries, total # ..... thous. sh. tons..	'621,330	676,650	'54,166	'54,565	'51,339	'53,674	'55,718	'60,123	'60,482	'53,941	'55,120	'55,067	59,808			
Electric power utilities ..... do.....	'480,171	527,757	'41,816	'41,715	'38,911	41,427	'43,909	'48,124	48,453	'42,079	'42,898	'42,890	46,980			
Mfg. and mining industries, total ..... do.....	'133,245	141,762	'11,670	'12,330	'11,963	'11,853	'11,400	'11,650	'11,700	'11,402	'11,561	'11,364	11,953			
Coke plants (oven and beehive) ..... do.....	'71,078	76,735	'5,882	'6,761	'6,500	'6,632	'6,414	'6,475	'6,385	'6,291	6,363	'6,093	6,403			
Retail deliveries to other consumers..... do.....	7,914	7,131	680	520	465	394	409	349	329	460	661	814	875			
Stocks, industrial and retail dealers' end of period, total ..... thous. sh. tons..	'143,573	176,411	'126,837	'131,765	'140,057	'148,841	'152,738	'146,110	'150,352	'155,762	'167,241	'176,138	176,411			
Electric power utilities ..... do.....	'126,047	156,425	'112,258	116,364	'123,554	'131,550	'134,271	128,802	'131,901	'136,743	'147,486	'155,743	156,425			
Mfg. and mining industries, total ..... do.....	'17,166	19,646	'14,261	'15,126	'16,228	'16,976	'18,140	'16,936	'18,039	'18,587	'19,310	'19,926	19,646			
Oven-coke plants ..... do.....	8,162	10,028	6,553	7,352	8,317	'8,884	'9,472	'8,132	8,583	'8,875	9,481	'9,861	10,028			
Retail dealers ..... do.....	360	340	318	275	275	315	327	372	412	432	445	469	340			
Exports ..... do.....	39,825	64,783	2,691	4,592	5,227	6,091	5,895	6,249	6,089	5,019	7,315	6,017	6,072	4,292	3,990	
Price, wholesale † ..... Index, 1967=100..	430.0	451.1	444.2	445.5	447.4	451.2	452.4	452.9	454.6	452.8	454.9	'455.3	457.9	457.9	458.5	460.6
<b>COKE</b>																
Production: †																
Beehive and oven (byproduct) ..... thous. sh. tons..	'149,009	'52,900	4,015	4,653	4,389	4,591	4,324	4,386	4,430	4,367	4,460	'4,266	4,444	4,394		
Petroleum coke \$ ..... do.....	26,916		2,024	2,195	2,292	2,394	2,265	2,426	2,366	2,238	2,189	2,289				
Stocks, end of period: †																
Oven-coke plants, total ..... do.....	'3,534	5,163	3,440	3,259	3,405	3,406	3,168	3,223	3,304	3,715	4,208	4,608	5,163	5,531		
At furnace plants ..... do.....	'3,350	4,613	3,270	3,094	3,219	3,178	2,935	2,949	3,972	3,351	3,794	4,148	4,613	4,859		
At merchant plants ..... do.....	'184	549	170	165	186	228	233	274	332	364	414	460	549	672		
Petroleum coke ..... do.....	2,214		2,246	2,223	2,263	2,243	2,005	2,033	1,589	1,404	1,052					
Exports ..... do.....	889	1,545	90	88	105	93	206	162	171	177	169	181	73	46	84	
<b>PETROLEUM AND PRODUCTS</b>																
Crude petroleum:																
Oil wells completed ..... number..	'17,775	19,246	1,463	1,544	1,138	1,307	1,681	1,526	1,523	1,819	1,623	1,867	2,383	1,440	1,632	2,383
Price, wholesale ..... Index, 1967=100..	300.1	376.5	322.3	324.2	326.2	335.7	356.4	370.6	385.7	422.1	436.7	450.4	470.8	513.6	515.1	522.8
Gross input to crude oil distillation units † ..... mil. bbl.	5,500.8		409.1	449.1	445.0	457.0	453.5	477.9	474.0	447.2	458.0	446.8				
Refinery operating ratio ..... % of capacity..	88		84	83	84	84	86	87	86	84	83	84				
All oils, supply, demand, and stocks:																
New supply, total † ..... mil. bbl.	6,822.2		524.5	589.9	541.6	566.3	550.5	558.0	582.2	542.1	585.1	555.6				
Production:																
Crude petroleum † ..... do.....	3,178.2		238.0	266.1	256.0	266.1	252.3	259.0	269.7	254.0	265.6	259.5				
Natural-gas plant liquids ..... do.....	591.4		48.6	54.4	52.3	52.3	50.5	52.7	52.1	50.5	53.9	54.4				
Imports:																
Crude and unfinished oils † ..... do.....	2,329.7		180.4	196.6	183.9	194.0	199.5	192.6	210.3	191.0	212.2	187.7				
Refined products † ..... do.....	722.9		57.5	72.6	49.5	53.9	48.3	53.7	50.1	46.6	53.4	54.1				
Change in stocks, all oils (decrease,—) † ..... do.....	-34.3	(*)	-77.1	-4.1	23.9	9.3	31.2	45.8	24.1	27.8	20.8	9.8				
Demand, total † ..... do.....	7,011.1		605.9	613.3	534.2	562.6	543.9	539.7	574.5	530.7	575.4	561.9				
Exports:																
Crude petroleum ..... do.....	57.7		8.1	11.5	7.8	5.3	7.0	7.6	7.5	5.2	5.5	7.9				
Refined products ..... do.....	74.3		5.6	7.3	7.1	8.6	6.6	8.0	6.5	7.2	8.0	7.4				
Domestic product demand, total # † ..... do.....	6,879.0		592.3	594.6	519.3	548.7	530.2	524.1	560.5	518.2	561.8	546.6				
Gasoline ..... do.....	2,719.5		204.3	225.0	213.1	224.5	216.9	213.8	228.9	207.7	218.8	204.4				
Kerosene ..... do.....	64.0		9.6	5.0	4.8	4.3	4.3	4.0	5.0	4.8	5.6	4.6				
Distillate fuel oil ..... do.....	1,252.6		134.2	112.4	90.2	92.7	81.2	79.1	85.9	79.8	96.2	99.3				
Residual fuel oil ..... do.....	1,103.2		100.7	100.4	74.4	77.6	76.6	71.4	76.8	78.6	79.1	82.5				
Jet fuel ..... do.....	385.7		31.8	33.7	28.8	31.3	32.2	34.3	33.7	33.2	32.6	32.1				
Lubricants ..... do.....	62.6		4.6	6.2	5.8	6.4	5.6	5.5	5.8	4.8	5.8	5.3				
Asphalt ..... do.....	171.4		5.4	8.2	10.7	16.1	19.9	19.8	23.0	19.3	19.2	13.5				
Liquefied gases ..... do.....	515.7		55.2	50.5	42.2	41.7	38.6	42.8	44.7	40.4	50.7	53.2				
Stocks, end of period, total † ..... do.....	1,277.6	(*)	1,150.1	1,146.0	1,169.9	1,179.2	1,210.4	1,256.1	1,280.2	1,308.0	1,328.8	1,338.7				
Crude petroleum ..... do.....	376.3		381.1	399.9	403.6	403.2	414.5	403.0	411.9	415.0	435.9	438.6				
Unfinished oils, natural gasoline, etc ..... do.....	116.7	(*)	116.0	115.5	119.6	118.4	119.6	124.8	125.1	126.4	129.0	132.8				
Refined products ..... do.....	784.6	(*)	653.0	630.6	646.7	657.5	676.3	728.4	743.1	766.6	763.9	767.3				

See footnotes at end of tables.



Unless otherwise stated in footnotes below, data through 1976 and descriptive notes are as shown in the 1977 edition of BUSINESS STATISTICS	1978	1979	1979										1980		
	Annual	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
<b>PETROLEUM, COAL, AND PRODUCTS—Continued</b>															
<b>PETROLEUM AND PRODUCTS—Continued</b>															
Refined petroleum products:															
Gasoline (incl. aviation):															
Production † mil. bbl.	2,630.5		195.3	207.4	204.4	211.9	211.4	219.1	215.4	200.8	202.9	201.2			
Exports do.....	0.5		( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	0.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )			
Stocks, end of period do.....	240.8	( <sup>2</sup> )	254.4	241.9	237.9	229.7	232.0	244.1	235.2	232.3	221.0	223.3			
Prices (excl. aviation):															
Wholesale, regular † Index, 2/73=100.	265.0	367.5	292.3	299.9	313.0	331.6	349.3	371.0	397.7	422.1	439.2	*488.3	459.1	479.6	518.6
Retail (regular grade, excl. taxes), 55 cities (mid-month) \$ per gal.	0.531	*0.878	0.700	0.732	0.772	0.814	0.878	0.931	0.968	0.990	0.998	1.011	1.051	1.127	1.190
Aviation gasoline:															
Production † mil. bbl.	13.9		0.6	0.9	1.0	1.1	1.4	1.4	1.5	1.6	1.4	1.1			
Stocks, end of period do.....	2.8	( <sup>2</sup> )	2.9	2.7	2.6	2.5	2.5	2.4	2.4	2.6	2.9	2.7			
Kerosene:															
Production † do.....	56.3		7.4	5.3	5.5	5.4	4.8	5.1	4.8	5.2	5.6	5.2			
Stocks, end of period do.....	14.3		9.8	10.4	11.2	12.2	13.0	14.4	14.2	14.6	15.1	15.9			
Price, wholesale (light distillate) † Index, 1967=100.	392.7	*539.6	412.7	419.1	433.0	465.5	504.1	533.4	588.4	633.4	675.2	*696.6	705.9	733.3	773.9
Distillate fuel oil:															
Production † mil. bbl.	1,156.1		80.2	92.8	88.1	95.0	94.1	102.5	103.3	101.0	100.7	97.7			
Imports † do.....	63.3		5.5	5.5	4.5	5.8	5.4	6.8	6.7	3.8	6.6	7.0			
Exports do.....	1.2		0.2	0.1	0.1	0.1	( <sup>1</sup> )	0.3	0.1	0.1	0.3	( <sup>1</sup> )			
Stocks, end of period do.....	216.5		127.1	112.7	115.0	123.1	141.4	171.3	195.4	220.3	231.1	236.6			
Price, wholesale (middle distillate) † Index, 1967=100.	398.0	*573.9	432.6	451.9	477.9	504.8	542.3	593.1	632.8	680.6	709.9	*715.3	720.1	739.5	794.4
Residual fuel oil:															
Production † mil. bbl.	608.6		50.2	53.2	49.3	49.2	46.0	48.9	49.3	49.1	49.9	52.3			
Imports † do.....	494.6		36.6	50.9	33.8	32.0	26.4	28.4	28.5	29.5	32.3	29.8			
Exports do.....	4.6		0.3	0.4	0.1	0.2	0.2	0.6	0.4	0.1	0.3	0.1			
Stocks, end of period do.....	90.2		68.2	72.0	81.0	84.9	80.9	86.6	87.5	87.8	90.9	90.6			
Price, wholesale † Index, 1967=100.	498.0	*684.3	536.0	557.0	611.9	644.2	663.7	683.1	755.7	786.5	801.1	*821.3	832.1	942.8	965.3
Jet fuel: †															
Production mil. bbl.	353.9		27.9	34.0	31.2	30.3	28.7	29.9	32.2	28.7	32.4	30.8			
Stocks, end of period do.....	33.7		30.4	32.6	36.2	37.5	35.7	34.2	34.2	32.3	34.9	36.1			
Lubricants:															
Production do.....	69.5		5.4	5.9	5.9	6.4	5.8	6.1	6.2	5.3	6.2	5.8			
Exports do.....	9.7		0.5	0.9	0.6	0.7	0.8	0.7	0.6	0.7	0.7	0.8			
Stocks, end of period do.....	12.2		13.0	12.2	11.9	11.6	11.3	11.6	11.7	11.8	11.6	11.6			
Asphalt:															
Production do.....	172.9		8.5	11.7	12.0	15.0	16.4	16.9	18.9	16.3	16.7	13.9			
Stocks, end of period do.....	20.9		26.9	30.4	31.8	30.7	27.5	24.8	21.0	18.2	15.9	16.3			
Liquefied gases (incl. ethane and ethylene): †															
Production, total do.....	561.1		42.8	48.3	46.9	48.4	47.2	48.4	48.2	46.1	48.8	48.3			
At gas processing plants (L.P.G.) do.....	431.5		33.7	38.0	36.2	36.3	35.8	37.2	36.9	36.4	38.9	38.6			
At refineries (L.R.G.) do.....	129.5		9.1	10.3	10.6	12.0	11.5	11.2	11.3	9.7	9.9	9.7			
Stocks (at plants and refineries) do.....	132.0	( <sup>2</sup> )	99.1	96.2	98.8	105.9	113.7	120.5	125.0	130.2	126.1	119.6			

**PULP, PAPER, AND PAPER PRODUCTS**

<b>PULPWOOD AND WASTE PAPER</b>															
Pulpwood:															
Receipts..... thous. cords (128 cu.ft.)	*74,795	78,699	5,766	6,722	6,335	6,541	6,913	6,505	6,955	6,465	7,505	6,564	6,479		
Consumption..... do.....	*74,170	79,633	6,287	6,987	6,869	6,741	6,901	6,469	6,644	6,448	7,103	6,723	6,057		
Stocks, end of period do.....	*5,806	5,506	5,375	5,116	4,803	4,603	4,599	4,558	4,847	4,943	5,320	5,112	5,506		
Waste paper:															
Consumption..... thous. sh. tons.	*12,481	12,911	1,027	1,139	1,083	1,123	1,090	1,002	1,137	1,040	1,150	1,051	991		
Stocks, end of period do.....	740	640	618	641	639	668	666	662	665	633	642	638	640		
<b>WOODPULP</b>															
Production:															
Total, all grades #..... thous. sh. tons.	*49,694	49,942	3,815	4,307	4,096	4,368	4,321	4,092	4,393	4,088	4,470	4,225	3,864		
Dissolving and special alpha do.....	*1,351	1,499	92	128	121	139	136	125	155	109	148	130	118		
Sulfate do.....	*35,108	37,580	2,926	3,250	3,070	3,240	3,215	3,046	3,255	3,055	3,330	3,260	2,933		
Sulfite do.....	*1,643	1,785	122	162	160	164	155	142	154	158	161	154	150		
Groundwood do.....	*4,807	4,447	347	396	378	384	369	360	387	370	389	359	355		
Semichemical do.....	*3,552	4,632	328	370	368	441	446	419	441	397	442	321	308		
Stocks, end of period:															
Total, all mills..... do.....	*1,080	798	802	834	907	939	896	884	892	781	813	834	798		
Pulp mills..... do.....	*459	318	389	374	409	444	383	382	390	327	360	369	318		
Paper and board mills do.....	*551	421	349	387	431	434	452	439	438	386	390	404	421		
Nonpaper mills..... do.....	70	59	64	72	68	61	61	63	64	68	63	61	59		
Exports, all grades, total do.....	*2,599	2,935	198	213	214	224	310	279	247	275	265	255	290		
Dissolving and special alpha do.....	757	764	58	60	46	47	83	88	71	63	64	67	75		
All other do.....	*1,841	2,170	139	150	168	177	227	191	176	211	201	189	215		
Imports, all grades, total do.....	*4,025	4,318	347	384	323	456	347	352	378	323	358	373	347		
Dissolving and special alpha do.....	176	155	5	27	10	8	6	8	18	21	6	18	11		
All other do.....	*3,849	4,163	341	357	312	448	340	344	360	302	352	355	336		
<b>PAPER AND PAPER PRODUCTS</b>															
Paper and board:															
Production (Bu. of the Census):															
All grades, total, unadjusted..... thous. sh. tons.	*64,300	64,875	4,989	5,681	5,409	5,602	5,436	5,156	5,712	5,224	5,875	5,585	5,031		
Paper do.....	*28,506	29,260	2,267	2,541	2,424	2,511	2,422	2,319	2,579	2,352	2,661	2,534	2,334		
Paperboard do.....	*30,033	30,014	2,298	2,643	2,505	2,590	2,542	2,387	2,622	2,408	2,698	2,606	2,303		
Wet-machine board do.....	*136	145	11	13	11	12	11	8	13	13	15	14	16		
Construction paper and board do.....	*5,625	5,456	413	484	469	489	460	442	499	451	500	431	378		

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1976 and descriptive notes are as shown in the 1977 edition of BUSINESS STATISTICS	1978	1979	1979										1980			
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
<b>PULP, PAPER, AND PAPER PRODUCTS—Continued</b>																
<b>PAPER AND PAPER PRODUCTS—Cont.</b>																
Paper and board—Cont.																
Producer price indexes:																
Paperboard ..... 1967=100.	179.6	202.1	190.2	192.9	197.9	199.2	199.8	201.7	206.4	209.6	211.3	212.8	215.4	221.8	223.4	225.9
Building paper and board .....	187.4	182.6	183.6	182.6	183.4	183.3	180.8	178.0	179.1	182.6	183.5	183.6	184.4	186.0	191.0	198.7
Selected types of paper (API):																
Groundwood paper, uncoated:																
Orders, new ..... thous. sh. tons.	1,367	*1,472	112	143	115	115	126	130	136	124	139	*105	107	*156	116	.....
Orders, unfilled, end of period .....	179	181	192	208	203	183	181	195	195	204	207	*183	181	*192	204	.....
Shipments .....	1,309	1,474	109	124	123	127	124	121	131	119	133	128	118	*125	114	.....
Coated paper:																
Orders, new ..... do.	4,428	*4,519	345	408	391	375	337	393	399	348	378	401	*364	*481	393	.....
Orders, unfilled, end of period .....	404	*436	420	413	440	432	410	463	445	432	408	*427	*436	*443	469	.....
Shipments .....	4,448	4,510	353	412	370	377	352	360	405	364	406	381	366	*435	377	.....
Uncoated free sheet papers:																
Orders, new ..... do.	7,542	*7,805	598	689	627	696	674	635	697	628	678	*639	*602	*737	631	.....
Shipments .....	*7,575	*8,244	619	721	668	719	718	646	732	663	739	*698	*663	*754	693	.....
Unbleached kraft packaging and industrial converting papers:																
Shipments ..... thous. sh. tons.	3,884	3,963	320	341	340	349	339	321	337	319	348	333	305	*346	325	.....
Tissue paper, production ..... do.	4,215	*4,525	349	403	379	397	387	374	401	367	397	372	*337	*382	360	.....
Newsprint:																
Canada:																
Production ..... thous. metric tons.	8,812	8,756	685	750	726	723	720	720	736	696	765	749	732	777	.....	.....
Shipments from mills ..... do.	8,883	8,780	662	763	722	750	734	720	748	669	782	744	774	727	.....	.....
Stocks at mills, end of period .....	184	162	251	238	242	215	201	202	190	216	199	204	162	212	.....	.....
United States:																
Production ..... do.	3,418	3,685	280	316	289	307	306	301	323	306	334	330	307	341	.....	.....
Shipments from mills ..... do.	3,429	*3,689	278	318	291	305	304	304	322	305	334	328	315	334	.....	.....
Stocks at mills, end of period .....	20	16	22	20	18	20	21	19	20	21	22	24	16	23	.....	.....
Consumption by publishers ¶ ..... do.	6,446	6,673	497	570	575	587	545	519	540	560	598	600	580	511	.....	.....
Stocks at and in transit to publishers, end of period ..... thous. metric tons.	660	628	646	650	642	609	625	668	654	612	584	556	628	610	.....	.....
Imports ..... thous. sh. tons.	7,484	7,223	613	651	568	575	585	577	634	533	590	636	636	.....	.....	.....
Price, rolls, contract, f.o.b. mill, freight allowed or delivered ..... Index, 1967=100.	226.3	249.4	238.9	244.7	244.7	247.7	247.7	247.7	247.7	247.7	262.1	265.1	268.2	268.2	269.4	269.4
Paperboard (American Paper Institute): §																
Orders, new (weekly avg.) ..... thous. sh. tons.	600	613	621	657	630	605	621	599	616	594	632	599	560	(*)	.....	.....
Orders, unfilled ..... do.	1,368	1,393	1,482	1,583	1,638	1,674	1,554	1,554	1,588	1,538	1,547	1,534	1,393	(*)	.....	.....
Production, total (weekly avg.) ..... do.	582	608	612	628	619	619	624	560	616	591	631	619	598	*2,737	2,587	.....
Paper products:																
Shipping containers, corrugated and solid fiber shipments ..... mil. sq. ft. surf. area.	243,898	250,725	19,409	22,863	20,574	21,769	20,986	19,615	22,163	20,327	23,617	20,330	18,115	21,935	20,452	.....
Folding paper boxes, shipments ..... thous. sh. tons.	2,734.0	2,716.0	208.1	254.1	205.7	233.0	228.7	213.5	242.1	218.1	250.1	224.6	220.2	.....	.....	.....
..... mil. \$.	2,278.0	2,416.7	180.5	218.6	180.1	204.2	201.1	188.6	217.7	199.1	227.5	206.2	206.1	.....	.....	.....

**RUBBER AND RUBBER PRODUCTS**

<b>RUBBER</b>																
Natural rubber:																
Consumption ..... thous. metric tons.	764.65	739.00	66.62	74.53	61.77	60.22	58.95	57.94	63.17	57.73	65.17	55.55	47.90	.....	.....	.....
Stocks, end of period ..... do.	125.58	.....	115.59	116.13	136.63	130.17	137.67	145.95	144.38	135.56	135.00	124.50	132.12	.....	.....	.....
Imports, incl. latex and guayule ..... thous. lg. tons.	746.23	747.68	64.22	72.80	89.89	54.96	81.96	56.22	58.25	58.90	46.08	43.62	47.94	76.82	56.00	.....
Price, wholesale, smoked sheets (N.Y.) ..... \$ per lb.	0.496	0.651	0.570	*0.733	0.674	0.754	0.688	0.638	0.655	0.640	0.685	0.670	0.679	0.730	0.865	.....
Synthetic rubber:																
Production ..... thous. metric tons.	*2,475.21	*2,528.16	200.81	232.08	216.68	223.32	210.66	202.92	202.75	209.95	213.83	206.03	207.55	.....	.....	.....
Consumption ..... do.	2,436.40	*2,339.75	201.36	224.39	201.50	211.99	179.55	176.52	202.29	187.94	202.83	174.53	163.25	.....	.....	.....
Stocks, end of period ..... do.	424.07	.....	399.97	393.57	398.92	391.53	401.26	411.28	402.22	402.75	389.91	402.05	402.86	.....	.....	.....
Exports (Bu. of Census) ..... thous. lg. tons.	254.96	385.10	22.29	27.74	29.43	28.74	34.61	34.51	39.37	34.90	38.61	36.53	34.76	31.46	34.48	.....
Reclaimed rubber:																
Production ..... thous. metric tons.	119.22	(*)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Consumption ..... do.	118.73	(*)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stocks, end of period ..... do.	14.12	(*)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>TIRES AND TUBES</b>																
Pneumatic casings, automotive:																
Production ..... thous.	*223,406	206,687	19,592	21,807	18,609	18,544	15,603	14,904	16,911	15,985	17,775	14,480	12,340	.....	.....	.....
Shipments, total ..... do.	*236,640	213,929	16,422	21,952	19,002	19,629	19,845	15,402	18,500	18,764	20,149	14,591	12,446	.....	.....	.....
Original equipment ..... do.	*66,884	58,072	5,451	6,765	5,185	5,987	5,774	3,263	3,353	4,684	5,059	3,928	2,980	.....	.....	.....
Replacement equipment ..... do.	*165,193	160,781	10,530	14,771	13,499	13,274	13,745	11,780	14,646	13,619	14,537	10,210	9,024	.....	.....	.....
Exports ..... do.	*4,563	5,077	442	416	319	368	326	359	501	462	553	452	442	.....	.....	.....
Stocks, end of period ..... do.	*43,472	44,873	51,284	52,223	53,540	53,033	49,362	49,397	48,422	46,002	44,357	44,546	44,873	.....	.....	.....
Exports (Bu. of Census) ..... do.	5,328	6,572	437	648	457	510	686	384	616	501	666	581	527	605	698	.....
Inner tubes, automotive:																
Exports (Bu. of Census) ..... do.	3,015	3,576	218	350	160	186	210	277	310	438	259	362	493	405	481	.....

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1976 and descriptive notes are as shown in the 1977 edition of BUSINESS STATISTICS	1978	1979	1979												1980		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
<b>STONE, CLAY, AND GLASS PRODUCTS</b>																	
<b>PORTLAND CEMENT</b>																	
Shipments, finished cement .....	thous. bbl.	'451,266	'451,495	18,713	32,420	35,846	44,622	48,181	45,287	50,346	43,106	49,559	38,096	29,202	22,032		
<b>CLAY CONSTRUCTION PRODUCTS</b>																	
Shipments: @																	
Brick, unglazed (common and face)																	
	mil. standard brick.....	'8,585.6	8,023.2	379.7	688.8	711.2	813.5	754.4	777.1	818.8	675.2	'789.3	626.5	487.1			
	Structural tile, except facing.....	'48.0	43.3	4.6	5.6	4.9	6.0	6.5	7.0	7.5	6.2	5.0	6.1	4.9			
	Sewer pipe and fittings, vitrified.....	'927.4	846.6	37.1	68.6	63.3	95.3	89.3	87.4	95.2	75.4	'91.0	65.3	41.6			
	Facing tile (hollow), glazed and unglazed																
	mil. brick equivalent.....	'58.1	56.1	3.2	4.4	4.4	4.5	6.0	6.8	5.7	4.4	4.6	4.0	4.6			
	Floor and wall tile and accessories, glazed and unglazed.....	'301.7	314.6	23.9	28.5	25.7	27.6	27.2	25.7	29.5	25.1	'28.0	25.1	23.2			
	mi. sq. ft.																
	Price index, brick (common), f.o.b. plant or N.Y. dock .....	1967=100..	234.4	263.1	255.3	257.3	261.4	263.1	264.5	265.9	268.2	271.0	265.2	266.6	272.5	274.6	276.2
<b>GLASS AND GLASS PRODUCTS</b>																	
Flat glass, mfrs.' shipments.....	thous. \$.	829,449		210,156			205,321				216,110						
Glass containers:																	
Production.....																	
	thous. gross.....	327,609	'321,999	26,090	29,264	27,640	28,841	28,611	27,327	28,713	23,470	28,573	26,027	'21,311	27,245		
Shipments, domestic, total.....																	
	do.....	317,440	'317,047	23,008	30,986	25,174	28,088	27,143	25,630	29,357	25,098	27,622	27,025	'23,324	24,954		
Narrow-neck containers:																	
	Food.....	27,563	26,686	1,995	2,671	1,905	2,505	2,434	2,183	2,878	2,336	2,197	2,040	1,555	2,130		
	Beverage.....	61,403	'54,995	3,356	5,187	4,574	4,994	5,176	5,063	5,571	4,316	4,472	4,644	'3,939	3,747		
	Beer.....	106,489	'113,875	8,532	10,361	9,766	10,642	10,059	10,168	10,388	8,640	9,386	9,028	'8,161	8,861		
	Liquor and wine.....	25,084	'25,329	1,359	2,803	1,816	1,996	1,808	1,588	2,074	2,129	2,586	2,681	'2,684	1,945		
Wide-mouth containers:																	
	Food (incl. packer's tumblers, jelly glasses, and fruit jars).....	65,062	66,517	5,141	6,947	4,754	5,398	5,272	4,470	5,905	5,549	6,313	6,014	5,073	5,516		
Narrow-neck and wide-mouth containers:																	
	Medicinal and toilet.....	27,998	'25,856	2,306	2,676	2,089	2,217	2,085	1,866	2,207	1,844	2,315	2,233	'1,661	2,449		
	Chemical, household and industrial.....	3,841	'3,789	319	341	270	336	309	292	334	284	353	385	'251	306		
Stocks, end of period .....	do.....	44,250	'45,935	48,643	45,142	48,503	47,575	48,844	49,631	48,991	48,029	48,637	47,056	'45,935	47,529		
<b>GYPSUM AND PRODUCTS</b>																	
Production:																	
	Crude gypsum (exc. byproduct) ....	thous. sh. tons.	'14,891	14,448	1,017	1,155	1,239	1,300	1,250	1,101	1,300	1,197	1,321	1,238	1,207		
	Calcined.....	do.....	'14,041	13,503	972	1,148	1,140	1,135	1,075	1,143	1,179	1,076	1,251	1,100	1,191		
Imports, crude gypsum .....	do.....	'8,308	7,773	453	557	505	621	858	550	978	637	612	703	794			
Sales of gypsum products:																	
Uncalcined.....																	
	do.....	'5,881	5,596	286	300	467	558	539	531	491	481	513	481	562			
Calcined:																	
	Industrial plasters.....	do.....	'383	379	24	34	31	33	30	33	33	28	38	35	32		
Building plasters:																	
	Regular basecoat.....	do.....	140	121	8	11	9	12	10	11	11	8	12	11	10		
	All other (incl. Keene's cement).....	do.....	306	283	18	27	23	27	24	25	29	23	28	22	20		
Board products, total.....																	
	mil. sq. ft.	'16,445	16,865	1,297	1,421	1,377	1,450	1,321	1,438	1,515	1,323	1,565	1,368	1,415			
	Lath.....	137	125	14	14	10	12	8	9	10	11	10	9	9			
	Veneer base.....	458	444	34	39	38	39	36	39	41	34	41	36	31			
	Gypsum sheathing.....	234	218	14	17	21	23	20	18	19	19	20	18	18			
	Regular gypsum board.....	12,566	12,556	968	1,068	1,039	1,084	983	1,073	1,122	981	1,160	1,000	1,043			
	Type X gypsum board.....	2,786	3,272	248	263	251	271	256	278	297	255	308	286	298			
	Predecorated wallboard.....	231	249	19	19	20	22	22	22	25	24	26	19	16			

**TEXTILE PRODUCTS**

<b>FABRIC (GRAY)</b>																	
Knit fabric production off knitting machines (own use, for sale, on commission), qtrly.....	mil. lb.	1,720.5															
Knitting machines active last working day.....	thous.	33.3															
Woven fabric (gray goods), weaving mills:																	
Production, total #.....																	
	mil. linear yd.	10,147		800	835	'1,033	836	820	'828	817	876	'1,206	853				
	Cotton.....	3,962		307	323	'394	323	317	'296	318	351	'525	350				
	Manmade fiber.....	6,070		483	502	'627	503	493	'524	492	519	'673	496	474			
Stocks, total, end of period #.....																	
	do.....	835		886	857	885	893	911	931	951	954	899	868				
	Cotton.....	244		254	241	238	249	244	252	243	250	250	212				
	Manmade fiber.....	585		626	611	642	639	661	674	703	698	643	'651	670			
Orders, unfilled, total, end of period #.....																	
	do.....	3,029		2,899	2,898	2,821	2,975	2,805	2,434	2,581	2,832	2,615	2,881				
	Cotton.....	1,230		1,262	1,279	1,257	1,307	1,267	992	1,101	1,279	1,224	1,489				
	Manmade fiber.....	1,799		1,637	1,619	1,564	1,667	1,539	1,443	1,480	1,552	1,391	1,391	1,294			
<b>COTTON</b>																	
Cotton (excluding linters):																	
Production:																	
	Ginnings #.....	thous. running bales.	'10,549	'14,262					72	539	916	4,798	9,937	12,733	13,835		
	Crop estimate.....	thous. net weight bales \$.	'10,856	'14,527											14,527		
Consumption.....																	
	thous. running bales.	6,079	6,140	468	506	'584	484	489	'503	472	482	'630	482	436	'604	506	
Stocks in the United States, total, end of period #.....																	
	thous. running bales.	11,229	12,933	9,019	7,940	6,756	5,732	4,631	3,790	16,803	16,080	15,068	14,271	12,933	11,323	'9,719	
	Domestic cotton, total.....	do.....	11,226	12,929	9,016	7,936	6,751	5,727	4,625	3,785	16,799	16,076	15,064	14,268	12,929	11,315	'9,710
	On farms and in transit.....	do.....	2,316	3,937	1,066	806	600	492	383	250	13,756	13,451	10,635	6,643	'3,937	2,593	
	Public storage and compresses.....	do.....	7,860	8,160	6,881	6,033	5,058	4,171	3,275	2,608	2,195	1,878	3,783	6,896	'8,160	7,734	
	Consuming establishments.....	do.....	1,050	832	1,069	1,097	1,093	1,064	967	927	848	747	646	729	'832	988	

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1976 and descriptive notes are as shown in the 1977 edition of BUSINESS STATISTICS	1978	1979	1979												1980		
	Annual	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.		
<b>TEXTILE PRODUCTS—Continued</b>																	
<b>COTTON AND MANUFACTURES—Cont.</b>																	
Cotton (excluding linters)—Continued																	
Exports.....thous. running bales..	5,875	6,649	577	574	602	542	614	410	463	428	390	630	902	371,986	1,025		
Imports.....thous. net-weight bales \$.	3	6	1	1	2	(10)	0	(10)	2	0	(10)	0	0	0	(10)		
Price (farm), American upland 1/4.....cents per lb.	58.5	57.5	55.6	*53.5	53.4	55.5	58.8	60.9	59.2	56.8	61.3	61.0	59.9	*59.8	*62.9	*61.8	
Price, Strict Low Middling, Grade 41, staple 34 (1-1/16"), average 10 markets.....cents per lb.	*61.6		60.6	58.7	58.0	60.9	63.4	61.9	62.1	62.2	62.9	63.4	66.2	72.4	80.7	*79.2	
Spindle activity (cotton system spindles):																	
Active spindles, last working day, total.....mil.	16.4	16.2	16.4	16.4	16.4	16.4	16.4	16.3	16.2	16.3	16.3	16.2	*16.2	16.3			
Consuming 100 percent cotton.....do.	6.4	6.4	6.3	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.5	6.4	6.4	6.4	6.7		
Spindle hours operated, all fibers, total.....bil.	102.4	102.0	7.9	8.3	*9.9	8.2	8.0	*8.5	7.9	7.8	*10.4	7.9	7.1	*10.0			
Average per working day.....do.	0.394	0.393	0.394	0.416	0.398	0.411	0.398	0.338	0.396	0.392	0.418	0.394	*0.352	0.400			
Consuming 100 percent cotton.....do.	41.5	41.7	3.2	3.4	*4.0	3.3	3.3	*3.4	3.3	3.3	*4.2	3.2	2.9	*4.1	3.4		
Cotton cloth:																	
Cotton broadwoven goods over 12" in width:																	
Production (qtrly.).....mil. lin. yd.	4,007			1,033			1,018				936						
Orders, unfilled, end of period, compared with avg. weekly production.....no. weeks' prod.	*16.1	18.9	19.1	18.9	18.7	19.2	18.2	21.9	*16.4	16.4	16.2	20.3	22.6	17.9	16.6		
Inventories, end of period, compared with avg. weekly production.....no. weeks' prod.	*4.9	3.7	4.0	3.6	3.6	3.6	3.3	4.4	*3.5	3.3	3.4	3.7	3.9	3.7	3.6		
Ratio of stocks to unfilled orders (at cotton mills), end of period.....do.	*0.30	0.20	0.21	0.19	0.19	0.19	0.18	0.20	0.21	0.20	0.21	0.18	0.17	0.21	0.22		
Exports, raw cotton equiv. thous. net-weight \$.....bales.	457.9	627.8	45.4	56.7	44.1	50.5	57.0	46.2	47.1	55.8	59.0	62.3	58.1	50.6			
Imports, raw cotton equivalent.....do.	676.2	506.4	48.8	47.5	38.3	50.0	40.3	34.4	38.1	38.7	38.7	37.1	40.5	43.0			
<b>MANMADE FIBERS AND MANUFACTURES</b>																	
Fiber production, qtrly:																	
Filament yarn (acetate).....mil. lb.	300.9	316.6		78.2			78.4				78.8			81.2			
Staple, incl. tow (rayon).....do.	534.6	549.4		142.7			142.7				128.1			135.9			
Noncellulosic, except textile glass:																	
Yarn and monofilaments.....do.	3,814.3	4,136.3		1,057.2			1,059.6				995.9			1,023.6			
Staple, incl. tow.....do.	3,952.7	4,282.3		1,056.4			1,067.1				1,064.2			1,094.6			
Textile glass fiber.....do.	923.3	1,011.9		232.1			278.8				263.7			237.3			
Fiber stocks, producers', end of period:																	
Filament yarn (acetate).....mil. lb.	15.4	11.8		12.4			11.3				11.4			11.8			
Staple, incl. tow (rayon).....do.	28.7	35.6		27.5			37.4				31.8			35.6			
Noncellulosic fiber, except textile glass:																	
Yarn and monofilaments.....do.	343.4	379.8		366.3			363.7				366.6			379.8			
Staple, incl. tow.....do.	335.5	311.1		314.8			301.1				308.1			311.1			
Textile glass fiber.....do.	98.6	152.9		93.5			100.5				143.6			152.9			
Manmade fiber and silk broadwoven fabrics:																	
Production (qtrly.), total #.....mil. lin. yd.	6,603.0			1,713.9			1,681.6				1,597.2						
Filament yard (100%) fabrics #.....do.	2,247.0			602.4			589.3				571.5						
Chiefly rayon and/or acetate fabrics.....do.	406.4			102.4			98.8				95.6						
Chiefly nylon fabrics.....do.	384.4			112.0			106.5				102.2						
Spun yard (100%) fab., exc. blanketing #.....do.	3,703.1			945.7			933.1				860.2						
Rayon and/or acetate fabrics, blends.....do.	331.2			85.5			86.7				80.9						
Polyester blends with cotton.....do.	2,593.1			649.1			641.3				594.3						
Filament and spun yarn fabrics.....do.	376.2	77.0		98.7			96.1				90.8						
Manmade fiber gray goods, owned by weaving mills:																	
Ratio, stocks to unfilled orders, end of period	*0.22	*0.22	0.22	0.20	0.22	0.21	0.22	0.24	0.24	0.21	0.21	0.22	0.25				
Prices, manufacturer to mfr., f.o.b. mill:																	
50/50 polyester/carded cotton printcloth, gray, 48", 3.90 yds./lb., 78x54-56.....\$ per yd.	0.492	*0.472	0.470	0.469	0.475	0.470	0.474	0.469	0.461		0.471	0.469	0.476	0.488			
65% poly./35% comb. cot. broadcl., 3.0 oz/sp yd, 45", 128x72, gray-basis, wh. permresfin.....\$ per yd.	*0.765																
Manmade fiber knit fabric prices, f.o.b. mill:																	
65% acetate/35% nylon tricot, gray, 32 gauge, 54", 3.2 oz/linear yd.....\$ per yd.	*0.458																
100% textured polyester DK jacquard, 11 oz./linear yd., 60", yarn dyed, finished.....\$ per yd.	*1.657																
Manmade fiber manufactures:																	
Exports, manmade fiber equivalent.....mil. lbs.	441.70	596.58	43.91	53.20	45.03	49.28	52.81	44.92	46.69	50.61	56.16	53.00	58.12	47.25			
Yarn, tops, thread, cloth.....do.	267.28	371.44	27.70	33.37	27.30	30.64	32.27	28.71	28.90	31.48	34.73	32.92	36.12	29.42			
Cloth, woven.....do.	165.71	228.63	16.39	19.37	16.76	18.84	21.23	17.00	18.31	19.55	21.04	21.28	21.17	18.58			
Manufactured prods., apparel, furnishings.....do.	174.42	225.13	16.20	19.83	17.72	18.64	20.54	16.21	17.79	19.13	21.43	20.07	22.00	17.83			
Imports, manmade fiber equivalent.....do.	642.59	524.97	36.31	39.06	38.47	45.19	53.03	52.25	50.84	44.58	42.35	40.18	35.64	36.39			
Yarn, tops, thread, cloth.....do.	147.55	102.20	7.23	10.92	9.96	9.79	9.68	8.34	9.06	6.79	6.90	6.33	7.18	7.83			
Cloth, woven.....do.	87.76	64.58	4.58	6.72	6.51	6.29	4.91	6.34	4.69	4.14	3.84	4.08	4.96				
Manufactured prods., apparel, furnishings.....do.	495.04	422.79	29.08	28.13	28.51	35.43	43.35	43.91	41.78	37.79	35.46	33.85	28.46	28.57			
Apparel, total.....do.	425.18	360.41	24.71	22.87	23.72	30.45	37.26	38.44	36.54	31.92	30.77	28.59	23.51	23.95			
Knit apparel.....do.	242.40	184.50	11.72	11.16	11.90	16.38	19.99	20.03	18.23	16.50	16.99	14.25	11.69	9.20			
<b>WOOL AND MANUFACTURES</b>																	
Wool consumption, mill (clean basis):																	
Apparel class.....mil. lb.	102.2	101.4	8.2	8.9	*10.0	8.5	7.8	*7.5	7.6	6.7	*9.9	8.0	8.1	*11.3			
Carpet class.....do.	13.0	9.8	1.1	0.8	0.9	0.8	0.7	0.7	0.8	0.8	0.8	0.7	0.4	1.0			
Wool imports, clean yield.....do.	50.4	42.3	3.4	4.2	3.9	4.3	3.1	4.1	3.3	2.6	2.0	3.5	3.5	6.1			
Duty-free (carpet class).....do.	23.4	22.0	1.3	2.2	1.8	2.0	2.3	2.4	1.9	1.6	0.9	2.0	1.7	3.1			
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.	1.90	2.18	2.02	2.06	2.20	2.20	2.18	2.18	2.18	2.20	2.30	2.33	2.33	2.38	2.53	2.56	
Australian, 64's, Type 62, duty-paid.....do.	2.34	2.77	2.49	2.65	2.73	2.78	2.82	2.83	2.83	2.93	3.09	2.90	2.80	2.92	3.10	3.06	
Wool broadwoven goods, exc. felts:																	
Production (qtrly.).....mil. lin. yd.	116.4			33.5			*31.3				24.6						
<b>FLOOR COVERINGS</b>																	
Carpet, rugs, carpeting (woven, tufted, other), shipments, quarterly.....mil. sq. yds.	*1,162.3	1,216.6		277.9			311.5				*310.9			316.3			
<b>APPAREL</b>																	
Women's, misses', juniors' apparel cuttings: @																	
Coats.....thous. units.	18,727	20,404	1,167	1,429	1,612	1,860	1,957	1,781	2,419	2,002	2,017	1,787	1,037				
Dresses.....do.	179,078	130,881	12,167	13,715	11,656	11,360	11,439	8,774	10,027	10,518	11,474	9,788	8,670				
Suits (incl. pant suits, jumpsuits).....do.	27,856	26,267	2,518	2,726	2,271	2,305	2,293	1,923	2,319	2,129	2,285	1,797	1,457				
Blouses.....thous. dozen.	27,893	30,411	2,621	2,971	2,601	2,683	2,599	2,109	2,625	2,259	2,784	2,563	1,886				
Skirts.....do.	6,414	8,547	643	719	756	787	820	661	789	685	730	831	559				

See footnotes at end of tables.

	1978	1979	1979												1980		
	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.	23,050	14,402	1,267	1,600	1,379	1,287	1,245	719	1,160	1,123	1,204	1,137	865		
Coats (separate), dress and sport.....	do.....	16,029	14,967	1,298	1,556	1,366	1,261	1,400	1,012	1,358	1,298	1,218	1,093	760		
Trousers (separate), dress.....	do.....	112,750	<sup>11</sup> 56,854						7,524	9,861	10,119	11,564	10,044	7,743		
Slacks (jean cut), casual.....	thous. doz.	13,500	7,136	461	641	541	617	640	446	599	778	847	559	650		
Shirts, dress, sport, inc. knit outerwear.....	do.....	42,807	37,010	3,223	3,515	2,948	3,085	3,222	2,396	3,146	3,017	3,270	3,345	2,864		
Hosiery, shipments.....	thous. doz. pairs.	267,683	290,453	<sup>18</sup> 943	23,928	23,407	22,091	26,153	26,734	25,928	26,320	27,600	26,201	22,564		

TRANSPORTATION EQUIPMENT

AEROSPACE VEHICLES																	
Orders, new (net), qtrly, total.....	mil. \$.	49,819			17,285			15,407			12,482						
U.S. Government.....	do.....	25,992			7,847			5,916			5,111						
Prime contract.....	do.....	46,340			16,414			13,766			11,542						
Sales (net), receipts, or billings, qtrly, total.....	do.....	37,968			10,847			11,299			11,350						
U.S. Government.....	do.....	21,888			5,685			5,965			5,471						
Backlog of orders, end of period #.....	do.....	57,160			63,598			67,706			68,838						
U.S. Government.....	do.....	30,223			32,385			33,336			32,976						
Aircraft (complete) and parts.....	do.....	28,267			32,891			34,502			35,519						
Engines (aircraft) and parts.....	do.....	5,602			6,219			8,065			8,392						
Missiles, space vehicle systems, engines, propul- sion units, and parts.....	mil. \$.	7,557			7,057			6,696			6,258						
Other related operations (conversions, modifica- tions), products, services.....	mil. \$.	7,697			8,910			9,151			9,355						
Aircraft (complete):																	
Shipments.....	do.....	6,530.8	11,037.2	576.7	1,107.9	895.8	929.2	824.6	1,061.5	1,025.7	896.3	765.2	991.7	1,271.6			
Airframe weight.....	thous. lb.	54,542	80,236	5,104	8,726	6,435	7,013	6,235	7,100	7,595	6,439	5,517	6,828	7,611			
Exports, commercial.....	mil. \$.	<sup>3</sup> 3,589	6,149	484	551	560	369	384	723	599	399	464	534	658	269	768	
MOTOR VEHICLES (NEW)																	
Passenger cars:																	
Factory sales (from U.S. plants), total.....	thous.	9,165	8,419	709	883	761	922	820	587	449	630	787	641	494	<sup>15</sup> 513	<sup>16</sup> 619	<sup>17</sup> 638
Domestic.....	do.....	8,494	7,678	655	806	706	842	751	541	417	557	702	574	442	468		
Retail sales, total, not seasonally adj.....	do.....	11,312	10,669	841	1,116	988	1,053	905	886	916	775	899	775	733	806	812	895
Domestics \$.....	do.....	9,312	8,340	676	865	764	798	701	689	706	601	729	606	561	588	592	670
Imports \$.....	do.....	2,000	2,329	165	251	224	256	204	197	211	174	170	168	171	218	220	225
Total, seas, adjusted at annual rate.....	mil.			11.4	12.4	11.1	11.1	9.4	10.5	11.0	10.8	9.4	9.6	10.5	11.6	10.5	10.1
Domestics \$.....	do.....			9.2	9.7	8.5	8.4	7.2	8.3	8.9	8.7	7.3	7.2	8.0	8.6	7.6	7.6
Imports \$.....	do.....			2.2	2.7	2.6	2.6	2.3	2.2	2.1	2.1	2.1	2.4	2.5	3.1	2.9	2.5
Retail inventories, end of mo., domestics:																	
Not seasonally adjusted.....	thous.	1,729	1,691	1,957	1,974	1,914	2,034	2,153	2,026	1,753	1,752	1,775	1,794	1,691	1,598	1,610	1,567
Seasonally adjusted \$.....	do.....	1,740	1,594	1,815	1,800	1,753	1,810	1,905	1,932	1,788	1,693	1,704	1,712	1,594	<sup>14</sup> 1,405	1,409	<sup>13</sup> 1,358
Inventory-retail sales ratio, domestics \$.....	do.....	2.2	2.4	2.4	2.2	2.5	2.6	3.2	2.8	2.4	2.3	2.8	2.8	2.4	2.0	2.2	<sup>21</sup> 2.1
Exports (BuCensus), assembled cars.....	thous.	<sup>6</sup> 95.12	779.16	64.49	73.17	73.32	85.73	73.47	46.78	37.57	64.20	79.79	74.91	55.95	49.43	63.32	
To Canada.....	do.....	<sup>5</sup> 40.90	590.95	42.92	57.07	61.37	69.10	61.38	36.69	26.00	56.11	60.94	51.07	40.67	37.33	51.26	
Imports (BuCensus), complete units.....	do.....	<sup>2</sup> 881.8	3,001.8	216.2	223.2	311.3	256.2	259.4	239.9	241.6	216.0	235.7	275.4	257.9	279.5	286.6	
From Canada, total.....	do.....	<sup>8</sup> 32.7	671.2	62.1	71.5	60.0	63.7	51.9	45.0	32.6	51.3	52.5	60.6	48.5	48.6	51.5	
Registrations †, total new vehicles.....	do.....	10,946	10,335	<sup>7</sup> 63	<sup>9</sup> 13	<sup>9</sup> 56	<sup>9</sup> 87	<sup>8</sup> 78	<sup>9</sup> 13	<sup>8</sup> 77	<sup>8</sup> 52	<sup>8</sup> 87	<sup>7</sup> 25	<sup>8</sup> 31	<sup>7</sup> 49	<sup>6</sup> 98	
Imports, incl. domestically sponsored.....	do.....	1,946	2,339	<sup>1</sup> 50	<sup>2</sup> 02	<sup>2</sup> 29	<sup>2</sup> 37	<sup>2</sup> 12	<sup>2</sup> 20	<sup>1</sup> 93	<sup>1</sup> 93	<sup>2</sup> 08	<sup>1</sup> 67	<sup>1</sup> 96	<sup>2</sup> 01	<sup>1</sup> 94	
Trucks and buses:																	
Factory sales (from U.S. plants), total.....	thous.	3,706	3,037	298	354	271	329	290	219	151	198	251	196	166	<sup>10</sup> 165	<sup>11</sup> 176	<sup>12</sup> 157
Domestic.....	do.....	3,415	2,741	273	326	251	298	282	198	136	176	222	171	141	148		
Retail sales, seasonally adjusted:																	
Light-duty, up to 14,000 lbs. GVW.....	do.....	3,547.2	2,861.0	283.3	268.3	236.5	221.7	199.9	211.3	239.0	248.3	235.3	214.3	215.1	220.4	191.0	172.7
Medium-duty, 14,001-26,000 lbs. GVW.....	do.....	164.5	151.6	15.3	14.7	15.9	13.6	12.0	13.0	10.8	10.5	11.2	11.1	9.7	10.2	10.2	8.3
Heavy-duty, 26,001 lbs. and over GVW.....	do.....	202.3	223.2	20.5	19.3	19.2	19.8	18.6	20.9	17.7	17.7	18.0	16.6	14.8	18.3	16.4	14.2
Retail inventories, end of period, seasonally adjusted.....	thous.	763.9	803.4	847.0	922.3	926.8	1,021.8	1,071.7	1,099.9	1,032.4	919.8	877.2	850.8	814.8	779.9	766.0	
Exports (BuCensus), assembled units.....	do.....	<sup>2</sup> 48.42	259.44	25.13	25.80	21.90	28.11	25.95	22.20	14.08	17.59	19.18	22.26	19.71	18.81	16.94	
Imports (BuCensus), including separate chassis and bodies.....	thous.	<sup>1</sup> 035.68	974.13	70.09	70.42	91.20	90.98	70.86	59.92	75.24	83.13	90.50	81.16	97.43	97.40	99.06	
Registrations † new vehicles, excluding buses not produced on truck chassis.....	thous.	3,963	3,468	<sup>2</sup> 75	<sup>3</sup> 17	<sup>3</sup> 10	<sup>3</sup> 13	<sup>2</sup> 77	<sup>2</sup> 89	<sup>2</sup> 86	<sup>2</sup> 93	<sup>3</sup> 13	<sup>2</sup> 48	<sup>2</sup> 65	<sup>2</sup> 32	<sup>2</sup> 09	
Truck trailers and chassis, complete (excludes detachables), shipments.....																	
Vans.....	do.....	194,976	209,389	16,694	20,529	18,308	20,421	16,876	16,426	19,816	17,296	17,580	<sup>16</sup> 141	<sup>13</sup> 627	12,254		
Trailer bodies (detachable), sold separately.....	do.....	128,566	138,362	10,907	13,833	12,326	13,191	10,693	10,523	13,548	11,444	11,785	10,957	<sup>8</sup> 956	7,791		
Trailer chassis (detachable), sold separately.....	do.....	6,468	9,085	800	1,444	1,105	913	855	622	751	526	546	500	<sup>3</sup> 26	644		
Total.....	do.....	29,775	14,700	1,141	1,428	874	943	1,030	1,201	1,584	1,147	1,429	1,296	994	1,430		
RAILROAD EQUIPMENT																	
Freight cars (new), for domestic use; all railroads and private car lines (excludes rebuilt cars and cars for export):																	
Shipments.....	number..	67,440	90,021	7,030	8,296	7,316	7,704	8,039	5,874	8,051	6,962	8,107	8,884	8,084	7,835		
Equipment manufacturers.....	do.....	62,400	83,931	6,619	7,787	6,884	7,281	7,547	5,608	7,753	6,618	7,758	7,971	7,376	7,365		
New orders.....	do.....	129,196	119,291	14,506	14,801	7,799	13,701	6,639	6,993	8,719	11,873	6,129	8,658	8,538	7,027		
Equipment manufacturers.....	do.....	124,862	113,060	14,506	14,801	7,799	13,288	6,639	6,293	7,519	10,881	6,129	7,890	7,538	6,327		
Unfilled orders, end of period.....	do.....	96,255	119,201	113,049	119,312	119,967	125,311	123,911	124,803	123,217	128,029	123,727	119,957	119,201	116,458		
Equipment manufacturers.....	do.....	8,944	112,749	107,030	113,802	114,889	120,243	119,335	119,793	117,305	121,375	117,422	113,797	112,749	109,776		
Freight cars (revenue), class 1 railroads (AAR): ‡																	
Number owned, end of period.....	thous.	1,225	1,217	1,219	1,219	1,222	1,221	1,224	1,224	1,222	1,221	1,219	1,217	1,217	1,205	1,202	
Held for repairs, % of total owned.....	do.....	7.9	8.0	8.0	8.0	7.9	7.8	7.8	7.9	7.7	7.7	7.8	8.1	8.0	8.1	8.4	
Capacity (carrying), total, end of mo.....	mil. tons.	93.96	94.47	93.58	93.69	94.04	94.12	94.40	94.47	94.60	94.46	94.38	94.27	94.47	93.66	93.50	
Average per car.....	tons.	76.68	77.62	76.76	76.88	76.97	77.10	77.13	77.19	77.41	77.35	77.43	77.47	77.62	77.70	77.80	

See footnotes at end of tables.

## FOOTNOTES FOR PAGES S-1 THROUGH S-36

## General Notes for all Pages:

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

## Page S-1

1. Estimates (corrected for systematic biases) for Jan.-Mar. and Apr.-June 1980 based on expected expenditures of business. Expected expenditures for the year 1980 appear on p. 21 of the Mar. 1980 SURVEY.
  2. Includes communication.
- ¶ Data for the individual durable and nondurable goods industries appear in the Mar., June, Sept., and Dec. issues of the SURVEY.

## Page S-2

- † Revised series. Estimates of personal income have been revised back to 1975; revised data appear on p. 36 of the July 1979 SURVEY.
- ‡ Includes inventory valuation and capital consumption adjustments.
- \* New series. Detailed descriptions and historical data back to 1959 begin on p. 18 of the Nov. 1979 SURVEY.
- § 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.
- # Includes data for items not shown separately.
- ¶ Revised data back to 1976 will be shown in the 1979 BUSINESS STATISTICS.

## Page S-3

1. Based on data not seasonally adjusted.
  2. See note "†" for p. S-10. For sales see also note 1 for this page.
- ¶ See note "¶" for p. S-2.
- # Includes data not shown separately.
- † See note "†" for p. S-4.
- \* New series. Data back to 1967 are available from the National Income and Wealth Division, Bureau of Economic Analysis.

## Page S-4

1. Advance estimate; total manufacturers' shipments for the previous month do not reflect revisions for the selected components.
  2. See note "†" for p. S-10.
- † Revised series. Data revised back to 1958 to reflect (1) benchmarking of shipments and inventories to the 1974, 1975, and 1976 Annual Surveys of Manufacturers, (2) recalculation of new orders estimates, and (3) updating of the seasonal factors. A detailed description of this revision and historical data (for the manufacturing sector only) appear in reports "Manufacturers' Shipments, Inventories, and Orders" M3-1.7 (1958-1977) and M3-1.8 (1967-1978), available from the Bureau of the Census, Washington, D.C. 20233.
- \* 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-5

1. Advance estimate; total manufacturers' new and unfilled orders for the previous month do not reflect revisions for the selected components.
  2. The Sept., Oct., and Nov. 1979 issues of the SURVEY incorrectly show annual data for 1977 and 1978 and monthly data for 1978 that had been superseded by the August 1979 revision. The Aug. 1979 SURVEY shows the correct data.
- † See note "†" for p. S-4.
- # 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-6

1. Based on unadjusted data.
  2. Beginning Jan. 1978, includes TV and sound equipment and repairs formerly in "health and recreation."
  3. Beginning Jan. 1978, residential.
  4. Beginning Jan. 1978, includes additional items not previously priced.
  5. Includes bottled gas.
  6. Effective Jan. 1980, data are no longer seasonally adjusted.
- ‡ Compiled by Dun & Bradstreet, Inc.
- # Includes data for items not shown separately.
- § Ratio of prices received to prices paid (parity index).
- ¶ Data through 1977 are for urban wage earners and clerical workers; beginning Jan. 1978, there are two indexes, all wage earners and clerical workers, revised (CPI-W), and all urban consumers (CPI-U). These indexes reflect improved pricing methods, updated expenditure patterns, etc.; complete details are available from the Bureau of Labor Statistics, Washington, D.C. 20212.
- \* New series. Earlier data available from BLS.
- † Beginning Jan. 1978, CPI-U.

## Page S-7

1. Annual average computed by BEA.
  - § For actual producer prices of individual commodities see respective commodities in the Industry section beginning p. S-22. All data subject to revision four months after original publication.
- # Includes data for items not shown separately.
- ‡ Beginning Mar. 1980 SURVEY, data have been revised (back to 1967) to reflect new seasonal factors.
- \* New series. Data back to 1975 will be shown in the 1979 BUSINESS STATISTICS.

## Page S-8

1. Computed from cumulative valuation total.
  2. Data are no longer available; 1978 annual represents Jan.-July.
  3. Data shown here are based on 1979 seasonal factors. Effective Jan. 1980, data are no longer seasonally adjusted.
- ¶ Beginning Jan. 1979 SURVEY, monthly and annual data have been restated to reflect the purchasing power of the dollar as measured by finished goods; comparable data for periods prior to November 1977 will be shown in the 1979 BUSINESS STATISTICS.
- ‡ Beginning Jan. 1978, based on CPI-U; see note "¶" for p. S-6.
- # Includes data for items not shown separately.
- § Data for March, May, Aug., Nov. 1979, and Jan. 1980 are for five weeks; other months four weeks.
- @ Data for new construction have been revised back to Jan. 1975 and are available from the Bureau of the Census, Washington, D.C. 20233.
- @@ Monthly revisions back to Jan. 1975 will be shown in the 1979 BUSINESS STATISTICS.
- ‡‡ Monthly data back to Jan. 1970 on the 1972=100 base will be shown in the 1979 BUSINESS STATISTICS.

## Page S-9

1. Index as of Apr. 1, 1980: building, 282.6; construction, 293.3.
- ¶ Home mortgage rates (conventional first mortgages) are under money and interest rates on p. S-15.
- § Data include guaranteed direct loans sold.
- ‡ Source: Media Records, Inc. 64-City Newspaper Advertising Trend Chart.
- @ Monthly data back to 1972 on the 1972=100 base are available upon request.

## Page S-10

1. Advance estimate.
  2. Effective Jan. 1979 data, sales of mail-order houses are included with department store sales.
- † Effective April 1980 SURVEY, retail trade data have been revised back to 1973. Effective April 1979 SURVEY, data have been revised from 1967-1972. 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.
- § Includes sales of mail-order catalog desks within department stores of mail-order firms.

## Page S-11

1. 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. Revisions for July-Dec. 1976 appear in "Populations: Estimates of the Population of the United States and Components of Change—1940-79," P-25 No. 802 (June 1979), Bureau of the Census.
- † Effective Oct. 1979 SURVEY, data have been revised based on March 1978 benchmark levels and updated seasonal adjustment factors; effective Oct. 1978 SURVEY, data have been revised to conform to the 1972 SIC and adjusted to March 1977 benchmark levels, therefore, data are not strictly comparable with earlier periods. See "BLS Establishment Estimates Revised to Reflect New Benchmark Levels and 1972 SIC," in Oct. 1979 and Oct. 1978 Employment and Earnings.
- ¶ Effective with the Jan. 1980 SURVEY, the labor force series reflect new seasonal factors. Data have been revised back to 1975; comparable monthly data for 1975-79 will appear in Employment and Earnings (Feb. 1980), U.S. Department of Labor, Bureau of Labor Statistics.

## Page S-12

- † See corresponding note on p. S-11.
- § Effective October 1978 SURVEY, includes data formerly shown separately under ordinance and accessories.
- @ Formerly shown as Electrical equipment and supplies.
- ¶ Production and nonsupervisory workers.

## Page S-13

- † See note "†" on p. S-11.
- § See note "§" on p. S-12.
- @ See note "@" on p. S-12.
- ¶ Production and nonsupervisory workers.



## Page S-14

- † See corresponding note on p. S-11.
- ¶ Production and nonsupervisory workers.
- ‡ Earnings in 1967 dollars reflect changes in purchasing power since 1967 by dividing by Consumer Price Index; effective Mar. 1979 SURVEY, data reflect new seasonal factors for the CPI.
- § Wages as of Apr. 1, 1980: Common, \$11.27; Skilled, \$14.82.
- # Includes data for items not shown separately.
- @ 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-15

- 1. Average for Dec.
- 2. Average for the year.
- 3. Daily average.
- # 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).
- ¶ Adjusted to exclude domestic commercial interbank loans and Federal funds sold to domestic commercial banks.
- ‡ Data beginning Dec. 1978 reflect a reduction in the number of banks reporting (from 317 to 171) and changes in consolidation basis as well as content of several asset and liability items. Unless otherwise stated, comparable data for earlier periods will be available later.
- \* New series. Beginning Dec. 1978, data are for all investment account securities; comparable data for earlier periods are not available.
- † Revised series. Data are now monthly averages and the coverage has been expanded. Comparable data back to Dec. 1972 are available from the Federal Reserve Board, Washington, D.C. 20551.
- ‡ 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.

## Page S-16

- 1. Data are for fiscal years ending Sept. 30 and include revisions not distributed to the months.
- † Beginning Jan. 1979 SURVEY, the consumer credit group has been completely restructured; comparable data for periods prior to Nov. 1977 are available from the Federal Reserve Board, Washington, D.C. 20551.
- # Includes data for items not shown separately.

## Page S-17

- § Or increase in earmarked gold (-).
- ¶ At all commercial banks.
- † The Federal Reserve has redefined the monetary aggregates. See note on p. S-40.
- ‡ See note on p. S-40 for definitions of the new monetary aggregates.
- ‡‡ 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.

## Page S-18

- 1. Beginning Jan. 1978, data are based on a new classification system and include nonmonetary gold; the overall total and the commodity groups (but not the items within the groups) have been revised back to Jan. 1977 to reflect these changes.
- 2. Effective Oct. 1979 SURVEY, data are no longer available.
- 3. Average for Jan.-Aug.
- § Number of issues represents number currently used; the change in number does not affect the continuity of the series.
- ¶ Prices are derived from average yields on the basis of an assumed 3-percent 20-year bond.
- ‡ 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.
- @@ Effective Feb. 1979 SURVEY, seasonally adjusted data have been revised to reflect sums of commodity components; comparable data for periods prior to 1977 will be shown in the 1979 BUSINESS STATISTICS.

## Page S-19

- 1. See note 1 for p. S-18.
- # 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.
- @ See note "@@" for p. S-18.

## Page S-20

- 1. See note 1 for p. S-18.
- # Includes data not shown separately.

## Page S-21

- 1. Domestic trunk operations only (averaging about 90 percent of domestic total).
- 2. Annual total; quarterly or monthly revisions are not available.
- 3. Before extraordinary and prior period items.
- 4. For month shown.
- 5. Beginning Jan. 1979, data are based on a new sample of freight shipments for 1976. The new indexes have been linked to the old indexes to maintain comparability.
- 6. Data are for unlinked passenger trips.
- # 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.
- @ Beginning Jan. 1979, data include visits to Badlands and Theo. Roosevelt National Parks (formerly classified as recreational areas).

## Page S-22

- 1. Reported annual total; monthly revisions are not available.
- 2. Data withheld to avoid disclosing operations of individual companies.
- 3. Beginning Jan. 1979, data include chemically-treated fertilizer and sodium nitrate containing over 16.3% nitrogen by weight; not strictly comparable with data shown for earlier periods.
- 4. Because of an overall revision to the export commodity classification system effective Jan. 1, 1978, data may not be strictly comparable with those shown for earlier periods.
- 5. See note "¶" for this page.
- 6. Represents solutions containing ammonia and ammonium nitrate/urea solutions; not comparable with other published data.
- 7. Annual total for monthly data where available; not comparable with earlier periods.
- 8. Data beginning Jan. 1979 are for value of shipments and comprise three new product categories. Comparable data for these new categories are not available prior to Jan. 1979. However, the difference between total value of shipments and total factory sales (formerly shown) is considered statistically insignificant.
- 9. Reported annual total; includes monthly data withheld to avoid disclosing operations of individual companies.
- # Includes data for items not shown separately.
- § Data are reported on the basis of 100 percent content of the specified material unless otherwise indicated.
- ‡ Monthly revisions, back to 1975 for some commodities, will be shown in the 1979 BUSINESS STATISTICS.
- @ Monthly revisions for Oct. 1976-Feb. 1978 will be shown in the 1979 BUSINESS STATISTICS.
- ¶ Data for Jan. 1977-June 1979 exclude potassium magnesium sulfate; not strictly comparable with those shown for other periods.

## Page S-23

- 1. Includes Hawaii, not available on a monthly basis; monthly revisions for 1976-78 will be shown in the 1979 BUSINESS STATISTICS.
- 2. Reported annual total, including Hawaii; monthly data are preliminary and subject to change.
- § Data are not wholly comparable from year to year because of changes from one classification to another.
- @ Monthly revisions, for some series back to 1976, will be shown in the 1979 BUSINESS STATISTICS.

## Page S-24

- 1. See note 4 for p. S-22.
- 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. Less than 50 thousand bushels.
- 7. Ten-month average; Feb. and June prices not available.
- 8. See note "@@" for this page.
- § Excludes pearl barley.
- # Bags of 100 lbs.
- ¶ Revised crop estimates for 1970-75 will be shown in the 1979 BUSINESS STATISTICS.
- @ Monthly revisions, for some series back to 1976, will be shown in the 1979 BUSINESS STATISTICS.
- ‡ Monthly revisions back to 1975 will be shown in the 1979 BUSINESS STATISTICS.
- @@ Data are quarterly except for June (covering Apr. and May) and Sept. (covering June-Sept.).

**Page S-25**

1. See note 4 for p. S-22.
  2. See note “#” for this page.
  3. Effective Mar. 1979, prices are for Central U.S. and Los Angeles; comparability not affected.
  4. Prices for Sept. 1977-Mar. 1979 are estimated; actual price not available. Annual average for 1978 reflects those estimates. Annual average for 1979 is based on actual price (Apr.-Dec.).
  5. Average for five months (Aug.-Dec.).
- § Cases of 30 dozen.  
¶ Bags of 132.276 lbs.  
‡ Monthly revisions back to Jan. 1975 will be shown in the 1979 BUSINESS STATISTICS.  
@ Monthly revisions back to 1976 will be shown in the 1979 BUSINESS STATISTICS.  
# Effective Feb. 1979, prices are for Central U.S. (including East Coast); comparability is not affected.

**Page S-26**

1. See note 4 for p. S-22.
  2. Beginning Aug. 1978, prices are estimated; not comparable with those shown for earlier periods. Annual average for 1978 represents Aug.-Dec.
  3. Crop estimate for the year.
  4. Beginning Sept. 1979, estimated prices are derived from a different source and are not comparable with those shown for earlier periods. Annual average for 1979 represents Sept.-Dec.
- § Monthly data reflect cumulative revisions for prior periods.  
@ Producers' and warehouse stocks.  
¶ Factory and warehouse stocks.

**Page S-27**

1. See note 4 for p. S-22.
  2. Annual total; monthly revisions are not available.
  3. Average for Jan.-May and July-Dec.
  4. Average for Jan.-Oct.
  5. Average for July-Dec.
- # Includes data for items not shown separately.

**Page S-28**

1. Annual data; monthly revisions not available.
2. Average for 11 months; price not available for Nov.

**Page S-29**

1. Annual data; monthly revisions are not available.
  2. For month shown.
- § Beginning with Jan. 1979 data, units are metric tons; to convert, multiply short tons by 0.907185.

**Page S-30**

1. Data beginning Jan. 1978 exclude stocks of lead base bullion in transit and at refineries.
  2. Less than 50 tons.
  3. Data are for five weeks; other months 4 weeks.
  4. For month shown.
- § Beginning with Jan. 1979 data, units are metric tons; earlier data are shown in short tons; to convert, multiply short tons by 0.907185.  
¶ 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.  
# Includes data not shown separately.  
\* 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-31**

1. Reflects revisions not available by months.
  2. Average for eleven months; no price for May.
  3. Average for 10 months; no price for May and Sept.
  4. Beginning Jan. 1979, data reflect coverage of additional processing facilities; not strictly comparable with data shown for earlier periods.
  5. Effective Jan. 1980, price is no longer available from the Bureau of Labor Statistics.
- # Includes data for items not shown separately.  
@ Beginning July 1977, data include shipments to mobile home and travel trailer manufacturers (formerly excluded); they are not directly comparable with data for earlier periods.  
§ Includes nonmarketable catalyst coke.  
¶ Includes small amounts of “other hydrocarbons and hydrogen refinery input,” not shown separately.  
‡ Monthly revisions for the following series will be shown in the 1979 BUSINESS STATISTICS: bituminous coal—back to 1975; coke—back to 1977; petroleum and products—back to 1976; anthracite coal production—1977; and wholesale price indexes covering bituminous coal and petroleum and products—1977.

**Page S-32**

1. Less than 50 thousand barrels.
  2. See note 4 for p. S-31.
  3. Reported annual totals; revisions not allocated to the months.
  4. Beginning Jan. 1979, price includes taxes formerly excluded and is an average based on 48 cities; comparable prices for earlier periods are not available.
- ‡ See note “‡” for p. S-31.  
# Includes data for items not shown separately.

**Page S-33**

1. Beginning Jan. 1977, data cover passenger car and truck and bus tires; motorcycle tires and tires for mobile homes are excluded.
  2. Effective Jan. 1979, data are no longer available.
  3. Effective Jan. 1980, data are no longer available.
  4. Effective Jan. 1980, data are reported on a monthly basis and are not comparable with data shown for earlier periods.
- ¶ As reported by publishers accounting for about 75 percent of total newsprint consumption.  
§ 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.

**Page S-34**

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. First-of-the-month estimate of the 1979 crop.
- # Includes data for items not shown separately.  
¶ Cumulative ginnings to the end of month indicated.  
§ Bales of 480 lbs.  
@ Monthly revisions back to 1976 will be shown in the 1979 BUSINESS STATISTICS.

**Page S-35**

1. Effective Jan. 1, 1978, includes reexports, formerly excluded.
  2. Season average.
  3. Average for crop year; Aug. 1-Jul. 31.
  4. For five weeks; other months four weeks.
  5. Monthly average.
  6. Average for Jan.-Oct.
  7. Average for Feb.-Jun.
  8. Average for 11 months; no price for May.
  9. Average of Jan.-June.
  10. Less than 500 bales.
  11. Effective 1st quarter 1977, data are not directly comparable with earlier periods.
  12. Average for 11 months; no price for Oct.
- § 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.  
@ Effective Apr. 1979, SURVEY, data include 600 additional firms; comparable data back to Jan. 1977 (except for slacks, jean cut, casual, shown on p. S-36) will appear in the 1979 BUSINESS STATISTICS.

**Page S-36**

1. Annual total includes revisions not distributed to the months.
  2. Estimates of production, not factory sales.
  3. See note 4 for p. S-22.
  4. Excludes one state.
  5. Excludes two states.
  6. Excludes three states.
  7. Excludes four states.
  8. Effective Jan. 1979, data are not directly comparable with earlier periods because of the inclusion of Volkswagens produced in the U.S.
  9. Effective 1st quarter 1978, data are not directly comparable with earlier periods because of increased coverage.
  10. Effective Jan. 1980, passenger vans previously reported as passenger cars are now included with trucks.
  11. Total for 6 months; Jul.-Dec.
- @ See note “@” p. S-35.  
# Total includes backlog for nonrelated products and services and basic research.  
§ Domestic include U.S.-type cars produced in the United States and Canada and foreign-type cars produced in the U.S.; imports cover all other foreign-type cars and captive imports, and exclude domestics produced in Canada.  
¶ Courtesy of R.L. Polk & Co.; republication prohibited.  
‡ Excludes railroad-owned private refrigerator cars and private line cars.

## New Monetary Aggregates

The presentation of money supply data on page S-17 has been revised and expanded to reflect the Federal Reserve's redefinition of the monetary aggregates. 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.

Four newly redefined monetary aggregates replace the old M-1 through M-5 measures, and a very broad measure of liquid assets has been adopted. The principle underlying these new monetary aggregates is that similar assets should be combined at the same level of aggregation:

- M1-A is one of two narrow transactions measures. It is basically the same as the old M-1 aggregate (currency plus demand deposits at commercial banks), which had been called total money supply on page S-17, except that it excludes demand deposits held by foreign commercial banks and official institutions.
- M1-B, the other narrow measure, adds to M1-A interest-earning checkable deposits at all depository institutions—namely NOW accounts, automatic transfer from savings (ATS) accounts, and credit union share draft balances—as well as a small amount of demand deposits at thrift institutions that cannot, using present data sources, be separated from interest-earning checkable deposits.
- M-2 as redefined adds to M1-B overnight repurchase agreements (RP's) issued by commercial banks and certain overnight Eurodollars (those issued by Caribbean branches of member banks) held by U.S. nonbank residents, money market mutual fund shares, and savings and small-denomination time deposits (those issued in denominations of less than \$100,000) at all depository institutions. Depository institutions are commercial banks (including U.S. agencies and branches of foreign banks, Edge Act Corporations, and foreign investment companies), mutual savings banks, savings and loan associations, and credit unions.
- M-3 as redefined is equal to new M-2 plus large-denomination time deposits (those issued in denominations of \$100,000 or more) at all depository institutions (including negotiable CD's) plus term RP's issued by commercial banks and savings and loan associations.
- L, the very broad measure of liquid assets, equals new M-3 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.

Consolidation adjustments have been made in the construction of each of the new measures, in order to avoid double counting of the public's monetary assets. A major consolidation adjustment involves the netting of deposits held by depository institutions with other depository institutions. In constructing M-1A, demand deposits held by commercial banks with other commercial banks have been removed. The procedure calls for the removal from M1-B of those demand deposit holdings of thrift institutions that are estimated to be used in servicing their checkable deposits, although at present the amount is negligible. Similarly, at the M-2 level all other demand deposit holdings of thrift institutions are deducted; currently that means all such demand deposits are netted from M-2. Savings and time deposits held by depository institutions are also appropriately netted at the M-2 and M-3 levels. The other major kind of consolidation adjustment involves removing the assets held by money market mutual funds from several components appearing in the M-2, M-3, and L measures. These institutions issue shares to the public and use the proceeds to acquire a variety of liquid assets that are components of the new M-2, M-3, and L measures. In order to avoid first counting these amounts as money market mutual fund shares and then counting them again as money market fund holdings of RP's, CD's, commercial paper, and so forth, holdings of each of these assets by money market funds are subtracted from the relevant components.

The procedure for constructing the new seasonally adjusted aggregates has been to seasonally adjust each component with a standard option of the Census X-11 program—wherever possible—and then to sum the components to derive the appropriate total. Some components have not been seasonally adjusted. In some cases sufficient historical data is not yet available. In other cases the components are dominated by such a strong trend that seasonal adjustment is not likely to be successful.

A detailed explanation of the new measures was published in the February 1980 issue of the *Federal Reserve Bulletin*. Monthly data from 1959 to date and weekly data from 1970 to date are available from the Banking Section of the Division of Research and Statistics at the Federal Reserve Board, Washington, D.C. 20551.

# INDEX TO CURRENT BUSINESS STATISTICS, Pages S1-S40

## SECTIONS

### General:

Business indicators	1-6
Commodity prices	6-8
Construction and real estate	8, 9
Domestic trade	9-11
Labor force, employment, and earnings	11-15
Finance	15-18
Foreign trade of the United States	18-20
Transportation and communication	21

### Industry:

Chemicals and allied products	22
Electric power and gas	23
Food and kindred products; tobacco	23-26
Leather and products	27
Lumber and products	27, 28
Metals and manufactures	28-31
Petroleum, coal, and products	31, 32
Pulp, paper, and paper products	32, 33
Rubber and rubber products	33
Stone, clay, and glass products	34
Textile products	34-36
Transportation equipment	36

## INDIVIDUAL SERIES

Advertising	9, 14
Aerospace vehicles	36
Agricultural loans	15
Air carrier operations	21
Air conditioners (room)	31
Aircraft and parts	5, 36
Alcohol, denatured and ethyl	22
Alcoholic beverages	9, 23
Aluminum	29
Apparel	2-7, 9-13, 35, 36
Asphalt	31, 32
Automobiles, etc	2-7, 9, 10, 17, 19, 20, 36
Banking	15
Barley	24
Battery shipments	30
Beef and veal	25
Beverages	7, 9, 19, 20, 23
Blast furnaces, steel mills	4, 5
Bonds, issued, prices, sales, yields	17, 18
Brass and bronze	29
Brick	34
Building and construction materials	2-5, 9
Building costs	9
Building permits	8
Business incorporations (new), failures	6
Business sales and inventories	3, 4
Butter	23
Cattle and calves	25
Cement and concrete products	7, 9, 34
Cereal and bakery products	7
Chain-store sales, firms with 11 or more stores	10, 11
Cheese	23
Chemicals	3-5, 7, 12, 13, 17, 19, 20, 22
Cigarettes and cigars	26
Clay products	3, 4, 7, 34
Coal	3, 7, 19, 31
Cocoa	20, 25
Coffee	20, 25
Coke	31
Combustion, atmosphere, heating equipment	30
Communication	1, 17, 21
Confectionery, sales	25
Construction:	
Contracts	8
Costs	9
Employment, unemployment, hours, earnings	11-14
Highways and streets	8
Housing starts	8
Materials output indexes	9
New construction put in place	8
Consumer credit	16
Consumer goods output, index	2
Consumer Price Index	6
Copper	29
Corn	24
Cost of living (see Consumer Price Index)	6
Cotton, raw and manufactures	6, 19, 34, 35
Cottonseed oil	26
Credit, short- and intermediate-term	16
Crops	6, 24, 26, 34
Crude oil	3, 31
Currency in circulation	17
Dairy products	6, 7, 23, 24
Debt, U.S. Government	16
Deflator, PCE	2
Department stores, sales, inventories	10, 11
Deposits, bank	15, 17
Dishwashers	31
Disposition of personal income	2
Disputes, industrial	15
Distilled spirits	23
Dividend payments	2, 17
Drugstores, sales	10, 11

Earnings, weekly and hourly	13, 14
Eating and drinking places	10, 11
Eggs and poultry	6, 7, 25
Electric power	3, 7, 23
Electrical machinery and equipment	3-5,
7, 12, 13, 17, 19, 20, 30, 31	
Employee-hours, aggregate, and indexes	13
Employment	11, 12
Explosives	22
Exports (see also individual commodities)	1, 18, 19

Failures, industrial and commercial	6
Farm prices	6, 7
Farm wages	14
Fats and oils	7, 19, 20, 26
Federal Government finance	16
Federal Reserve banks, condition of	15
Federal Reserve member banks	15
Fertilizers	7, 22
Fire losses	9
Fish	25
Flooring, hardwood	28
Flour, wheat	25
Food products	2-7, 9, 12, 13, 17, 19, 20, 23-26
Foreign trade (see also individual commod.)	18-20
Freight cars (equipment)	36
Fruits and vegetables	6, 7
Fuel oil	6, 31, 32
Fuels	3, 6, 7, 19, 20, 31, 32
Furnaces	31
Furniture	3, 7, 10, 12, 13

Gas, output, prices, sales, revenues	3, 6, 7, 23
Gasoline	32
Glass and products	34
Glycerin	22
Gold	17
Grains and products	6, 7, 19, 24, 25
Grocery stores	10, 11
Gypsum and products	7, 34

Hardware stores	10
Heating equipment	7, 30
Help-wanted advertising index	14
Hides and skins	7, 27
Highways and streets	8
Hogs	25
Home electronic equipment	7
Home Loan banks, outstanding advances	9
Home mortgages	9
Hosiery	36
Hotels and motor-hotels	21
Hours, average weekly	12, 13
Housefurnishings	2, 4-6, 9, 10
Household appliances, radios, and television sets	2,
7, 10, 30	
Housing starts and permits	8

Imports (see also individual commodities)	1, 19, 20
Income, personal	2
Income and employment tax receipts	16
Industrial production indexes:	
By industry	3
By market grouping	2, 3
Installment credit	11, 16
Instruments and related products	3, 4, 12, 13
Insurance, life	16
Interest and money rates	15
International transactions of the United States	1
Inventories, manufacturers' and trade	3-5, 9, 10
Inventory-sales ratios	4
Iron and steel	3, 7, 9, 17, 19, 20, 28, 29

Labor advertising index, stoppages, turnover	14, 15
Labor force	11
Lamb and mutton	25
Lead	29, 30
Leather and products	3, 7, 12, 13, 27
Life insurance	16
Livestock	6, 7, 25
Loans, real estate, agricultural, bank (see also Consumer credit)	9, 15
Lubricants	31, 32
Lumber and products	3, 7, 9, 12, 13, 27, 28

Machine tools	30
Machinery	3-5, 7, 12, 13, 17, 19, 20, 30
Mail order houses, sales	10
Manufacturers' sales (or shipments), inventories, orders	4, 5
Manufacturing employment, unemployment, production workers, hours, earnings	11-14
Manufacturing production indexes	2, 3
Margarine	26
Meat animals and meats	7, 19, 20, 25
Medical care	6
Metals	3-5, 7, 12, 13, 17, 19, 20, 28-31
Milk	24
Mining and minerals	1-3, 7, 11-14, 17
Monetary statistics	17
Money and interest rates	15
Money supply	17
Mortgage applications, loans, rates	9, 15, 16
Motor carriers	21
Motor vehicles	2-4, 6, 10, 17, 19, 20, 36
National parks, visits	21
Newsprint	20, 33

New York Stock Exchange, selected data	18
Nonferrous metals	3, 5, 7, 17, 19, 20, 29, 30
Oats	24
Oils and fats	7, 19, 20, 26
Orders, new and unfilled, manufacturers'	5
Outlays, U.S. Government	16

Paint and paint materials	7, 22
Paper and products and pulp	3-5,
7, 12, 13, 17, 20, 32, 33	
Parity ratio	6
Passenger cars	2-4, 6, 7, 9, 10, 17, 19, 20, 36
Passports issued	21
Personal consumption expenditures	2
Personal income	2
Personal outlays	2
Petroleum and products	3-7, 12, 13, 17, 19, 20, 31, 32
Pig iron	28
Plant and equipment expenditures	1
Plastics and resin materials	22
Population	11
Pork	25
Poultry and eggs	6, 7, 25
Price deflator, implicit (PCE)	2
Prices (see also individual commodities)	6-8
Printing and publishing	3, 12, 13
Private sector employment, hours, earnings	11-14
Producer Price Indexes	7, 8
Profits, corporate	17
Public utilities	1-3, 8, 17, 18, 23
Pulp and pulpwood	32
Purchasing power of the dollar	8

Radio and television	2, 10, 30
Railroads	1, 14, 18, 21, 36
Ranges	31
Rayon and acetate	35
Real estate	9, 15, 16
Receipts, U.S. Government	16
Refrigerators	31
Registrations (new vehicles)	36
Rent (housing)	6
Retail trade	3, 4, 6, 10-14, 16
Rice	24
Rubber and products (incl. plastics)	3-5, 7, 12, 13, 20, 33

Saving, personal	2
Savings and loan assoc., new mortgage loans	9
Savings deposits	15
Securities issued	17
Security markets	17, 18
Services	6, 12-14
Sheep and lambs	25
Shoes and other footwear	7, 10, 11, 27
Silver	17
Soybean oil	26
Spindle activity, cotton	35
Steel (raw) and steel manufactures	20, 28, 29
Steel scrap	28
Stock market customer financing	17
Stock prices, yields, sales, etc	18
Stone, clay, glass products	3, 4, 7, 12, 13, 17, 34
Sugar	20, 26
Sulfur	22
Sulfuric acid	22
Superphosphate	22

Tea imports	26
Telephone and telegraph carriers	21
Television and radio	2, 10, 30
Textiles and products	3-5, 7, 12, 13, 17, 19, 20, 34-36
Tin	30
Tires and inner tubes	7, 33
Tobacco and manufactures	3-6, 12, 13, 26
Tractors	30
Trade (retail and wholesale)	3, 4, 6, 9-14
Transit lines, urban	21
Transportation	1, 6, 12-14, 17, 18, 21
Transportation equipment	2-5, 7, 12, 13, 17, 19, 20, 36
Travel	21
Truck trailers	36
Trucks (industrial and other)	30, 36
Unemployment and insurance	11, 14
U.S. Government bonds	15-18
U.S. Government finance	16
U.S. International transactions	1
Utilities	1, 3, 6, 8, 17, 18, 23

Vacuum cleaners	31
Variety stores	10, 11
Vegetable oils	19, 20, 26
Vegetables and fruits	6, 7
Veterans' unemployment insurance	14
Wages and salaries	2, 13, 14
Washers and dryers	31
Water heaters	31
Wheat and wheat flour	24, 25
Wholesale trade	3, 4, 6, 9, 12-14
Wood pulp	32
Wool and wool manufactures	35

Zinc	30
------	----

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

OFFICIAL BUSINESS



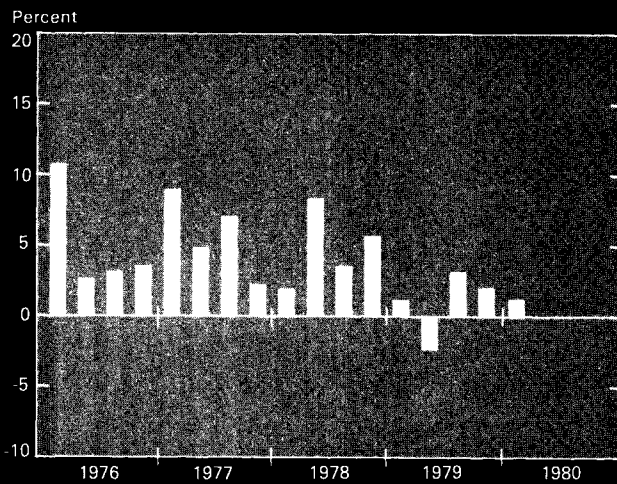
POSTAGE AND FEES PAID  
 U.S. DEPARTMENT OF COMMERCE

Second Class Mail  
 209

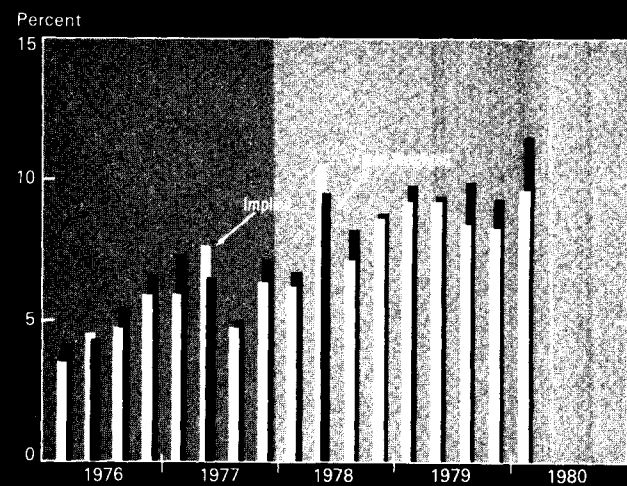
## In the first quarter

- Real GNP increased 1 percent
- GNP fixed-weighted price index increased 11½ percent
- Real disposable personal income increased ½ percent

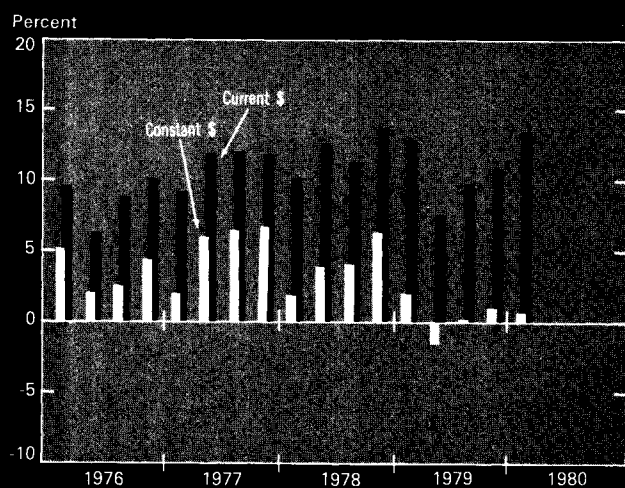
Real GNP



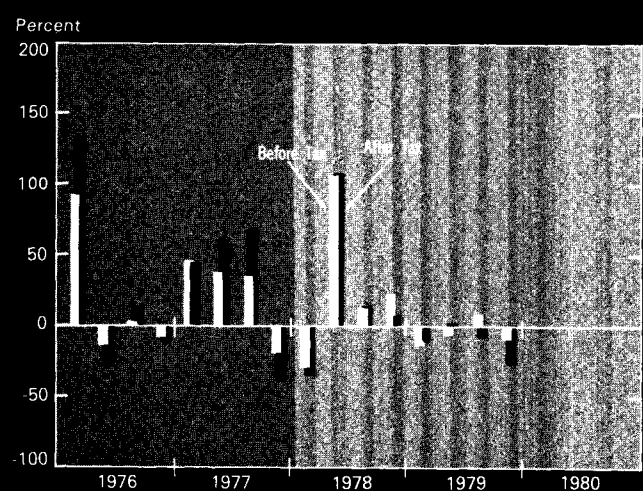
GNP Prices



Disposable Personal Income



Corporate Profits With IVA and CCAdj



Percent change from preceding quarter; seasonally adjusted at annual rates.