# Statistics of Income 

## sOIBULLETIN

Department of the Treasury Internal Revenue Service
Volume 5, Number 3

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## Statistics of Income

# SOI BULLETIN 

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The SOI Bulletin provides the earliest published annual financial statistics from various types of tax and information returns filed with the Internal Revenue Service. It also includes information from periodic or special analytical studies of particular interest to tax administrators. In addition, historical data are provided for selected types of taxpayers, as well as the gross internal revenue collections and other tax related items.

Information on the availability of additional unpublished data concerning the topics in this issue may be obtained by writing to the Statistics of Income Division, D:R:S, Internal Revenue Service, Washington, DC 20224.

In addition, special Statistics of Income tabulations based on income tax returns can be produced upon request on a reimbursable basis. Requests for this service should be addressed to the Director, Statistics of Income Division, at the address shown above.

Ralph B. Bristol, Jr., Chief, Tax Statistics, Office of Tax Analysis, provided overall policy review and comments. Robert A. Wilson and Bettye Jamerson were the technical editors of the publication. Clementine Brittain provided editorial assistance and copy preparation.

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# COMMISSIONER OF INTERNAL REVENUE 

Washington, DC 20224
February 11, 1986

The Honorable James A. Baker, III
The Secretary of the Treasury Washington, DC 20220

Dear Mr. Secretary:
I am transmitting the Winter 1985-86 issue of the Statistics of Income Bulletin. This report has been produced in accordance with the mandate of section 6108 of the Internal Revenue Code which requires the preparation and publication of statistics reasonably available with respect to the operation of the internal revenue laws. Presented in this issue are recent financial and tax data obtained from tax returns and associated supporting schedules.

With kind regards,
Sincerely,


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— Superfund for Environmental Taxes, 1984
— An Analysis of Partnership Activity, 1981-84

- Corporation Foreign Tax Credit by Industry, 1982
- Interest Income and Deductions, 1968-83
- High-Income Nontaxable Individual Income Tax Returns, 1984
— Estates, 1982-84

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## BUSINESS

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Division)

In addition to the Corporation Source Book, two others are now being offered by the Statistics of Income Division (see below). Information can be obtained by writing to Director, Statistics of Income Division (D:R:S) at the address above. Purchase of Source Books should be made at time of request by check payable to the IRS Accounting Section.


Corporation Source Book, 1982 -- Price $\$ 175$
This is a 481-page document that presents detailed income statement, balance sheet, tax and investment credit items by major and minor industries and size of total assets. This report is part of an annual series and can be purchased for $\$ 175$ (earlier issues at $\$ 150$ ). A magnetic tape containing the tabular statistics for 1982 can be purchased for $\$ 1,500$.

Partnership Source Book -- Price $\$ 30.00$
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Number of partnerships
Number of partners
Business receipts

Depreciation
Taxes paid deductions
Interest paid

Payroll
Payments to partners
Net income

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This Source Book is a companion to that for partnerships, shown above. It is expected to be available later in 1986. Included will be data on:

Number of business
Business receipts
Interest paid

Depreciation
Taxes paid deductions

Payroll
Net income

As with Partnerships, a magnetic tape will also be available.

## OTHER

PUBLICATIONS
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The Statistics of Income (SOI) Bulletin (Quarterly) -- Publication No. 1136 Subscription price $\$ 20.00$; Single copy price $\$ 5.50$

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Statistics of Income--1982, Corporation Income Tax Returns, Publication No. 16 -- Price $\$ 6.00$

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| :---: | :--- | :--- | :--- |
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| Deductions | Income tax | holders | industry |
| Net income | Tax credits | Assets | accounting period |
|  |  | Liabilities |  |
|  |  |  | size of total assets |

Age and Tax Filing
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The Government are very keen on amassing
statistics. They collect them, add them, raise them
to the nth power, take the cube root and prepare
wonderful diagrams. But, you must never forget
that every one of these figures comes in the first
instance from the Village Watchman, who just puts
down what he damn pleases.

> Sir Josiah Stamp
> Inland Revenue Department
> England 1896-1919

# Individual Income Tax Returns, Preliminary Data, 1984 

By Marshall S. Epstein and David Barker*


#### Abstract

Preliminary data from individual income tax returns for Tax Year 1984 reflected an expanding economy and the culmination of four years of tax reductions. Overall, adjusted gross income (AGI) grew by 11.1 percent; salaries and wages grew by 10.6 percent. Substantial increase in interest received (13.0 percent), business profits ( 15.8 percent), and pensions and annuities (14.6 percent) also contributed to AGI growth. In addition, \$7.9 billion of social security benefits were included in AGI for the first time. The increase in income led, in turn, to an 11.0 percent increase in taxable income and a 10.9 percent increase in total income tax, the first increase in tax since the rate reductions phased in by the Economic Recovery Tax Act of 1981 (ERTA). The increase in total income tax for the United States was accompanied by a drop in the average bill for taxpayers in virtually all AGI classes except in the " $\$ 1$ million or more" class, a result of the last phase of the rate reduction mandated by ERTA. The 1984 data and the changes from 1983 are summarized in Figure A [1].


## selected sources of income

For Tax Year 1984, AGI exceeded $\$ 2$ trillion for the first time. Taxpayers reported $\$ 2,157.7$ billion of income on 99.6 million tax returns. The 11.1 percent rise in AGI for Tax Year 1984 was the highest growth rate for AGI since Tax Year 1979.

Much of the increase in AGI for 1984 was due to a 10.6 percent increase in salaries and wages (see Figure B). Salaries and wages typically account for more than 80 percent of AGI, hence there is a high correlation between the growth of the two. This increase resulted primarily from growth in the employed labor force and average salaries and wages [2]. The accompanying 2.1 percent average decline in the unemployment rate with a concomitant reduction in unemployment payments from all sources caused unemployment income in AGI to fall by 15.2 percent to $\$ 6$ billion [3].

An increase in interest income accounted for 9.3 percent of the increase in AGI for Tax Year 1984. This increase was primarily due to rising interest rates.

Although 6.2 percent more returns had dividends in AGI for 1984, the actual dollar amount increased by only 1.7 percent.

An increase in personal consumer expenditures partially aided nonfarm businesses. Nonfarm business net profits (less losses) increased 15.8 percent to $\$ 69.9$ billion. In contrast, fârm profits less losses declined 36.2 percent to $\$-12.7$ billion. The last year farm profits exceeded farm losses was 1979.

Pensions in AGI were reported on 11.6 million returns for Tax Year 1984, an increase of 1.5 miliion returns from Tax Year 1983. The dollar amount of pensions in AGI increased by 14.6 percent, to $\$ 80.0$ billion, continuing the trend of recent years [4]. For 1984, some taxpayers had to include a portion of their social security income in AGI for the first time. The amount of social security income included in AGI was equal to the lesser of half the social security benefits received for the year or half of the excess of the taxpayers' modified AGI over a specified base amount. The base amount that applied was $\$ 25,000$ for single persons, $\$ 32,000$ for married couples filing jointly, $\$ 25,000$ for married persons filing separately and not living with their spouse, and zero for married persons filing separately and living together (see Definitions and Tax Law Changes at the end of this article). For Tax Year 1984, 2.6 million taxpayers reported $\$ 7.9$ billion of social security income in AGI. Without social security income, the AGI increase would have been 10.7 percent.

## STATUTORY ADJUSTMENTS

Total statutory adjustments did not increase as quickly for Tax Year 1984 as they did for 1982 and 1983. The amount claimed by taxpayers increased by only 10.2 percent, to $\$ 89.7$ million.

[^0]Figure A.--Sources of Income and Selected Tax Items, 1983 and 1984
[All figures are estimates based on samples--money amounts are in thousands of dollars]

| Item | $\begin{gathered} 1983 \\ (\text { Final) } \end{gathered}$ | $\begin{gathered} 1984 \\ \text { (Preliminary) } \end{gathered}$ | $\begin{gathered} \text { Change, } 1983 \\ \text { to } 1984 \end{gathered}$ | Percent change 1983 to 1984 |
| :---: | :---: | :---: | :---: | :---: |
|  | (1) | (2) | (3) | (4) |
| Number of returns, total........ Taxable. Nontaxable | $\begin{aligned} & 96,321,310 \\ & 78,016,323 \\ & 18,304,987 \end{aligned}$ | $\begin{aligned} & 99,604,775 \\ & 81,850,383 \\ & 17,754,392 \end{aligned}$ | $\begin{array}{r} 3,283,465 \\ 3,834,060 \\ -550,595 \end{array}$ | $\begin{array}{r} 3.4 \% \\ 4.9 \\ -3.0 \end{array}$ |
| Adjusted gross income less deficit...................... | \$1, 942,589,865 | \$2,157,738,100 | \$215,148,235 | 11.1 |
| Sources of Income: Salaries and wages........... | 1,644,572,655 | 1,818,588,323 | 174,015,668 | 10.6 |
| Interest received............. | 153,805,163 | 173,855,732 | .20,050,569 | 13.0 |
| Dividends in adjusted gross income. | 48,556,703 | 49, 396,478 | 839,775 | 1.7 |
| State income tax refunds...... | 5,729,452 | 7,015,658 | 1,286,206 | 22.4 |
| Al imony recei ved......... | 2,310,546 | 2,565,956 | 255,410 | 11.0 |
| Business or profession net profit less loss. | 60,359,154 | 69,915,552 | 9,556,398 | 15.8 |
| Sales: of capital assets net gain.less loss............ Sales of property other than capital assets net gain | 49,407,678 | 52,805,525 | 3,397, 847 | 6.9 |
| -less loss ............... | $=1,180,277$ | 1,503,693 | 323,476 | 27.4 |
| Pensions and annuities in adjusted gross income.. | 69,81 3,961 | 80,003,021. | 10,189,060 | 14.6 |
| Rent net income less loss. | -11,189,410 | -14,126,240 | -2,936,830 | -26.2 |
| Royalty net income less loss.. Farm rental net | 5,802,059 | 5,406,238 | -395, 821 | -6.8 |
| income less loss............ | 2,040,236 | 1,474,784 | -565, 452 | -27.7 |
| Estate or trust net income less loss... | 6,528,688 | 6,952,127 | 423,439 | 6.5 |
| Partnership net profit <br> less loss....................... | -2,527,138 | -2,313,853 | 213,285 | 8.4 |
| Small Business Corporation net profit less loss........ | 1,999,581 | 8,236,075 | 6,236,494 | 311.9 |
| Credit/refund for overpayment of windfall profit tax...... | 100,527 | 82,687 | -17,840 | -17.7 |
| Deduction for windfall profit tax withheld. $\qquad$ | 638,819 | 473,008 | -165,811 | -26.0 |
| Farm net income less loss.... | -9, 294,484 | -12,660,956 | -3, 366, 472 | -36.2 |
| Unemployment compensation in adjusted gross income....... | 7,110,645 | 6,032,433 | -1,078,212 | -15.2 |
| Social security benefits in adjusted gross income. | 11, 688 /A | 7,877,223 | N/A | N/A |
| Other income less loss....... | -11,684,539 | -14,696,681 | -3,012,142 | -25.8 |
| Total statutory adjustments. | 81,393,011 | 89,702,665 | 8,309,654 | 10.2 |
| Total itemized deductions.. | 309,633,773 | 356,427,100 | 46,793,327 | 15.1 |
| Number of exemptions. | 234, 390, 944 | 241,493,051 | 2,102,107 | 3.0 |
| Taxable income. | 1,544,872,497 | 1,714,704,713 | 169,832,216 | 11.0 |
| Zero bracket amount. | 244,629,400 | 255,333,063 | 10,703,663 | 4.4 |
| Income tax before credits...... | 279,841,890 | 310,963, 054 | 31,121,164 | 11.1 |
| Total credits. | 8,190,737 | 8,901,812 | 711,075 | 8.7 |
| Income tax after credits. | 271,651,153 | 302,061,242 | 30,410,089 | 11.2 |
| Alternative minimum tax. | 2,520,954 | 1,889,861 | -631,153 | -25.0 |
| Total income tax. | 274,181,323 | 303,969,892 | 29,788,569 | 10.9 |
| Self-employment tax. | 7,802,257 | 9,776,272 | 1,974,015 | 25.3 |
| Total tax liability............ | 282,317,539 | 315,023,856 | 32,706,317 | 11.6 |

N/A - Not applicable.
NOTE: Detail may not add to total because of rounding.

Figure B.-- Selected 1984 Sources of Income and Percent Change from 1983

| Income source | 1984 <br> Number of returns (thousands) | Percent change from 1983 | $\begin{gathered} 1984 \\ \text { Amount } \\ \text { (millions) } \end{gathered}$ | Percent change from 1983 |
| :---: | :---: | :---: | :---: | :---: |
| Wages and salaries. <br> Interest. <br> Dividends in AGI <br> Business or profession net profits less losses. <br> Sales of capital assets net capital gains less losses. Pensions in AGI. | (1) | (2) | (3) | (4) |
|  | 86,346 | 3.9\% | \$1,818,588 | 10.6\% |
|  | 62,200 | 9.0 | 173,856 | 13.0 |
|  | 14,155 | 6.2 | 49,396 | 1.7 |
|  | 11,229 | 5.1 |  | 15.8 |
|  |  |  | 69,916 | 15.8 |
|  | 12,375 | 13.3 | 52,806 | 6.9 |
|  | 11,573 | 14.35 | 80,003 | 14.6 |

NOTE: The total income less losses shown on individual income tax returns for 1984 amounted to $\$ 2,247.5$ billion; with total statutory adjustments of $\$ 89.7$ billion, AGI became $\$ 2,157.8$ billion. The six sources shown, which totaled $\$ 2,244.6$ billion, accounted for 99.9 percent of total income (less losses).

Payments to individual retirement arrangements (IRA's) accounted for 39.9 percent of total statutory adjustments claimed (see Figure C). A tax law change implemented in 1984 may have slightly reduced payments to IRA's by shortening the period during which taxpayers could contribute to their accounts (see Definitions and Tax Law Changes). For 1984, the number of returns with payments to IRA's increased by 12.8 percent to 15.4 million. The amount claimed rose by 11.6 percent to $\$ 35.8$ million. Of these 15.4 million returns on which taxpayers claimed payments for IRA's, 961 thousand were claimed on Forms 1040A.

More joint return filers used the two-earner married couple deduction than in previous years, because more couples had both spouses
employed. The number of returns with the two-earner married couple deduction increased by 7.8 percent, to 24.3 million returns. By taking advantage of this adjustment, individuals reduced their AGI's by $\$ 22.6$ billion.

## ITEMIZED DEDUCTIONS

The number of returns with itemized deductions climbed by 8.5 percent, to 38.2 million for 1984. The amount of itemized deductions increased by 15.1 percent to $\$ 356.4$ billion.

The proportion of returns with itemized deductions continued to rise, to 38.4 percent. This percentage has increased every year since Tax Year 1979 (see Figure D). Increases in

Figure C.-- Selected 1984 Statutory Adjustments and Percent Change from 1983

| Statutory adjustments | 1984 <br> Number of returns (thousands) | Percent <br> change from 1983 | $\begin{gathered} 1984 \\ \text { Amount } \\ \text { (millions) } \end{gathered}$ | Percent change from 1983 |
| :---: | :---: | :---: | :---: | :---: |
|  | (1) | (2) | (3) | (4) |
| Total. | 37,192 | $6.8 \%$ | \$89,703 | 10.2\% |
| Employee business expense. | 7,521 | 1.8 | 18,778 | 5.3 |
| Payments to an IRA...................... | 15,359 | 12.8 | 35,773 | 11.6 |
| Two-earner married couple deduction. | 24,320 | 7.8 | 22,602 | 14.4 |

NOTE: There were 10 statutory adjustments that could be made to income for Tax Year 1984. The three that are shown above accounted for 86.0 percent of the total. The remaining statutory adjustments included moving expense, forfeited interest penalty, alimony paid, disability income exclusion, foreign housing, and payments to a self-employed (Keogh) plan.

Figure D.
Percent of All Returns With Itemized Deductions
Percent of All Retums

average income and deductible expenditures, without a corresponding increase in the zero bracket amount, may have been factors causing more people to itemize their returns [5]. Between 1979 and 1984 the nominal zero bracket amounts were unchanged.
... Medical and dental expenses increased at a higher rate than any other deduction (see Figure E). A change in the law made it somewhat easier for taxpayers to claim medical and dental expenses by allowing all purchases of prescription medicines and drugs to be combined with other medical expenses before the 5 percent limitation based on AGI was imposed (see

Definitions and Tax Law Changes in this article). For Tax Year 1984, 10.6 million returns showed $\$ 21.3$ billion in medical expenses.

Almost 58 percent of the $\$ 16$ billion increase in the taxes paid deduction resulted from increases in state and local income tax deductions. The balance of the increase was largely due to real estate tax deductions. Finally, interest expenses deducted rose 15.2 percent. This was partially a reflection of the larger amounts deducted for home mortgage interest payments.

Figure E.-- 1984 Itemized Deductions and Percent Change from 1983

| Itemized deductions | 1984 <br> Number of returns (thousands) | Percent change from 1983 | $\begin{gathered} 1984 \\ \text { Amount } \\ \text { (millions) } \end{gathered}$ | Percent change from 1983 |
| :---: | :---: | :---: | :---: | :---: |
|  | (1) | (2) | (3) | (4) |
| Total. | 38,223 | 8.5\% | \$356, 427 | 15.1\% |
| Medical and dental expense........... | 10,628 | 9.3 | 21,349 | 18.1 |
| Taxes paid........................... | 37,939 | 8.8 | 115,917 | 16.2 |
| Interest paid ......................... | 34,572 | 9.1 | 155,204 | 15.2 |
| Contributions. | 34,680 | 8.3 | 42,420 | 12.6 |
| Miscellaneous......................... | 31,550 | 9.0 | 20,740 | 6.7 |
| Net casualty or theft losses...... | 245 | 19.4 | 798 | -19.5 |

## INCOME TAX AND TAXABLE INCOME

Total income tax (the sum of income tax after credits and additional tax for tax preferences) increased by 10.9 percent from its 1983 level. the first increase since 1981. The decreases for 1982 and 1983 were the result of the tax rate cuts phased in by the Economic Recovery Tax Act of 1981. While the last of these cuts continued for 1984, tax rose, reflecting the 11 percent increases in both AGI and taxable income (see Figure F). The impact of the legislated tax rate reductions can be seen in the size of the average tax bill per return, which declined for all AGI classes, except those over $\$ 1$ million.

Figure F. -- Adjusted Gross Income, Taxable Income, and Total Income Tax, 1980-1984
[Billions of dollars]

| Tax <br> Year | Adjusted <br> gross <br> income | Taxable <br> income | Total <br> income <br> tax |
| :--- | :---: | :---: | :---: |
| $1980 \ldots \ldots \ldots$ | $\$ 1,614$ | $\$ 1,280$ | $\$ 250$ |
| $1981 \ldots \ldots \ldots$ | 1,773 | 1,411 | 284 |
| $1982 \ldots \ldots \ldots$ | 1,852 | 1,473 | 278 |
| $1983 \ldots \ldots \ldots$ | 1,943 | 1,545 | 274 |
| $1984 \ldots \ldots \ldots$ | 2,158 | 1,715 | 304 |

The number of returns with "total income tax" reported rose from 78.0 million for Tax Year 1983 to 81.9 million for Tax Year 1984, an increase of 5.0 percent. The proportion of returns with total income tax had been increasing slowly since Tax Year 1977, and by 1984, these "taxable returns" represented 82.2 percent of all returns flled (see Figure G).

Figure G. -- Number of Returns Reporting Total Income Tax, 1977-1984
[Number of returns in millions]

| Tax Year | Total returns | $\begin{aligned} & \text { Returns } \\ & \text { reporting } \\ & \text { total } \\ & \text { income tax } \end{aligned}$ | Percentage of total |
| :---: | :---: | :---: | :---: |
| 1977 | 86.6 | 64.4 | 74.4\% |
| 1978 | 89.8 | 68.7 | 76.5 |
| 1979 | 92.7 | 71.7 | 77.3 |
| 1980 | 93.9 | 73.9 | 78.7 |
| 1981 | 95.4 | 76.7 | 80.4 |
| 1982 | 95.3 | 77.0 | 80.8 |
| 1983 | 96.3 | 78.0 | 81.0 |
| 1984 | 99.6 | 81.9 | 82.2 |

TAX CREDITS
The total amount of tax credits claimed and the number of returns with credits increased from Tax Year 1983 to 1984. For 1984, about one fifth of the returns filed clalmed tax credits; total tax credits claimed were $\$ 8.9$ bililion. The two largest credits were the general business and child care credits; they accounted for 76.9 percent of the total amount of tax credits.

Figure H. -- Tax Credits, 1983 and 1984
[Millions of dollars]

| Tax <br> Year | Total <br> tax <br> credits | General <br> business <br> credit | Child care <br> credit |
| :--- | :---: | :---: | :---: |
| $1983 \ldots . .$. | $\$ 8,191$ | $\$ 4,263$ | $\$ 2,051$ |
| $1984 \ldots .$. | 8,902 | 4,183 | 2,665 |

(In Figure $H$, to facilitate comparison between 1983 and 1984, the general business credit was approximated for 1983 by adding the investment and jobs credits together. The alcohol fuels and employee stock ownership credits, the other components of the general business credit were not included for 1983.)

The amount of child care credit claimed increased significantly, from $\$ 2.1$ billion to $\$ 2.7$ billion. The increase was about equal to the increase in total tax credits. This credit has been available since Tax Year 1976. Prior to that time, any tax benefits accruing because of child care expenses were in the form of a deduction from income.

For Tax Year 1984, the investment credit, the largest credit for previous tax years, was not reported separately on Form 1040 (although it was reported separately in supporting schedules). Instead, a single line was used to report a general business credit, which was derived from the sum of the investment, jobs, employee stock ownership and alcohol fuels credit. Investment credit was still the largest component of the general business credit; making up 94.5 percent of the total. The amount of the total general business credit was almost-the-same-for-Tax-Years-1983-and-1.984.

## FILING PATTERNS

The number of individual income tax returns filed for Tax Year 1984 reached an all time high of 99.6 million, a 3.4 percent increase over 1983. Use of Forms 1040 and 1040EZ continued to rise, while use of Form 1040A declined (See Figure I).
Figure I.--Number of Returns Filed, 1983 and 1984
[Number of returns in millions]

| Type ofreturn |  | Tax Year |  | Percentage change |
| :---: | :---: | :---: | :---: | :---: |
|  |  | 1983 | 1984 |  |
|  | Total.. | 96.3 | 99.6 | 3.4\% |
| Forms | 1040 : | 61.2 | 66.8 | 9.2 |
| Forms | 1040A. | 19.5 | 16.1 | -17.2 |
| Forms | 1040EZ | 15.7 | 16.7 | 6.5 |

## SUMMARY

Changes reflecting an expanding economy accounted for increases in income from salaries and wages and the corresponding increase in AGI. Economic conditions also influenced growth in interest, business profits, dividends, and capital gains. Another factor contributing to AGI growth was the inclusion of $\$ 7.9$ billion of social security income, taxed
for the first time in 1984. At the same time, the growth in income resulted in an 10.9 percent increase in total income tax. In many respects, 1984 individual tax returns data showed a continuation of trends established in recent years: the proportion of nontaxable returns decreased, and the use of the Form 1040EZ grew.

## DEFINITIONS AND TAX LAN CHANGES

In general, the definitions of the terms used here are the same as those shown in the complete report, Individual Income Tax Returns 1983.

Following is a partial list of 1984 tax law and administrative changes that are reflected in the preliminary data in this article. Changes are listed in the same order as the topics are presented in this article.

- Beginning with Tax Year 1984, a percentage of social security benefits (or tier 1 railroad retirement benefits) became taxable. The amount of benefits that had to be included in income was the lesser of hall-the-benefits-received-for-the-year-or half the excess of the taxpayer's modified AGI over a specified base amount. Modified adjusted gross income was the taxpayer's AGI plus the following:

1) any tax-exempt interest,
2) the two-earner married couple deduction,
3) the foreign earned income exclusion and the foreign housing deduction and
4) the exclusion for income from U.S. possessions and Puerto Rico.

The base amount that applied was $\$ 25,000$ for single persons, $\$ 32,000$ for married couples filing jointly, $\$ 25,000$ for married persons filing separately and not living with their spouse, and zero for married persons filing separately and living together.

- Beginning with Tax Year 1984 contributions to IRA's could no longer be made after the due date for filing a return. Previously taxpayers could make contributions to their IRA until the due date for filing their return including any extensions.
- The limit for excluding "reasonable" amounts of employer-provided foreign housing increased by $\$ 263$ to $\$ 6,878$ for 1984.
- For Tax Year 1983, taxpayers could only deduct expenditures for prescription and over-the-counter products, including vitamins and minerals recommended by a doctor, greater than 1 percent of their AGI. The 1 percent floor was removed for Tax Year 1984. Offsetting this, starting with 1984 only prescription medicines and drugs and insulin were deductible.
- Before Tax Year 1984, all casualty and theft losses exceeding $\$ 100$ were combined and only the portion of these losses in excess of 10 percent of AGI was deductible. For Tax Year 1984, casualty and theft gains were netted. The 10 percent casualty loss limitation still applied. However, net casualty and theft gains were treated as capital gains.
- Beginning with Tax Year 1984, taxpayers not itemizing their deductions could deduct up to $\$ 75$ ( $\$ 37.50$ for married couples filing separately) for charitable contributions. For Tax Years 1982 and 1983, non-itemizing taxpayers could only deduct up to $\$ 25$ ( $\$ 12.50$ for a married couple not filing a joint return).
- Features from the disability income exclusion and the credit for the elderly were combined into a new credit - the credit for the elderly and permanently and totally disabled. The following individuals qualified for the credit:


## 1) taxpayers who were 65 or older, and

2) taxpayers under 65 receiving taxable disability benefits who were retired on permanent and total disability and who had not reached the age for mandatory retirement. Prior law allowed taxpayers under 65 to claim the credit for the elderly if they received income from a public retirement system. For 1984, these individuals could only take the credit if they met the permanent and total disability requirement.

- Beginning with 1984, the investment credit, jobs credit, alcohol fuels credit, and employee stock ownership credit were combined into the general business credit. Separate limits based on tax liability and individual carryback and carryover provisions no longer applied to each credit. Instead, a single tax limit and carryback and carryover rule applied to the combined business credit.
- The 1984 Tax Table and Tax rate schedules reflected the final annual 10 percent tax cut mandated by the Economic Recovery Tax Act of 1981.
- "Income averaging" changed for Tax Year 1984. The base period was reduced from 4 years to 3 . The base period encompasses the years closest to the current tax year. In order to "income average," taxpayers' current-year income had to exceed 140 percent of their average taxable income for the 3 -year base period. Previously, taxpayers current income only had to exceed 120 percent of their average base period income.


## DATA SOURCES AND LIMITATIONS

These preliminary statistics are based on a sample of individual income tax returns, Forms 1040, 1040A and 1040EZ, filed for Tax Year 1984. Returns in the sample were stratified based on the presence or absence of Schedule C, Profit (or Loss) from Business or Professions; Schedule F, Profit (or Loss) from Farms; the larger of total income or total loss, and the size of business plus farm receipts. For Tax Year 1984, returns were selected at rates ranging from 0.02 percent to 100 percent. There were 79,797 returns in the 1984 preliminary sample, estimating a total population of 99,604,975. The corresponding sample size and population for the preliminary 1983 data were 104,970 and 96,293,634, respectively. Sample size and population for the final 1983 data, referenced in this article, were 122,997 and $96,563,687$, respectively.

Because the data presented in this article are estimates based on a sample of returns filed, they are subject to sampling error. To use properly the statistical data provided, the magnitude of the potential sampling error must be known. Coefficients of variation (CV's) are used to measure that magnitude.

The following table presents approximate coefficients of variation (CV's) for frequency estimates. The approximate CV's shown here are intended only as a general indication of the reliability of the data. For a number other than those shown, the corresponding CV's can be estimated by interpolation. The reliability of estimates based on samples, and the use of coefficients of variation for evaluating the precision of sample estimates based on samples, are discussed in the Appendix.

| Number <br> of Returns | Approximate <br> Coefficient of Variation |
| ---: | :---: |
| $40,438,600$ | 0.01 |
| $10,109,700$ | 0.02 |
| $1,617,500$ | 0.05 |
| 404,400 | 0.10 |
| 101,100 | 0.20 |
| 44,900 | 0.30 |
| 33,000 | 0.35 |
| 16,200 | 0.50 |

These preliminary estimates are subject to several types of nonsampling reporting error. While the estimates are intended to represent the full year's taxpayer reporting, they are actually based on returns filed January through late September 1985. Returns filed after that (which were sampled for use in the revised estimates for the year) tend to have slightly different characteristics than those filed earlier: These characteristics include higher income, a larger proportion of investment income (such as capital gains), a higher average tax liability, and a larger proportion of certain other items such as the alternative minimum tax.

Figure $J$ provides a comparison of preliminary and final data for 1980 through 1983. The items selected include some for which the preliminary estimates are fairly close, and others for which the estimates vary considerably. For instance, for none of those years did the preliminary estimate for AGI differ from the final estimate by more than 0.05 percent, while the preliminary estimate for total minimum tax in 1980 was more than 35 percent lower than the final estimate. Items for which the change between 1983 and 1984 was less than the usual change between preliminary and final data are not discussed.

Figure J.--Comparison of Selected Preliminary and Revised Data, 1980-1983
[Millitions of dollars]

| Item | Adjusted gross income less deficit | Salaries and wages | Total tax liabllity | Sales of capital assets net gain less loss | Additional tax for tax preferences | Total itemized deductions |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1980 | (1) | (2) | (3) | (4) | (5) | (6) |
| Preliminary data. | -\$1,606,266 | -\$7,345,004 | \$254,121 | \$26,978 | \$ - 934 | \$214,784 |
| Revised data............................ | 1,613,731 | 1,349,843 | 256,251 | 29,660 | 1,263 | 218,028 |
| revised data............................ Percent change, prei iminary and | 7,465 | 4,839 | 2,130 | 2,682 | 329 | 3,244 |
| revised data............................. | 0.46\% | 0.36\% | 0.84\% | 9.94\% | 35.22\% | 1.51\% |
| 1981 |  |  |  |  |  |  |
| Preliminary data. | \$1,779,359 | \$1,489,234 | \$292,724 | \$29,281 | \$1,617 |  |
| Revised data............................ | 1,772,604 | 1,486,100 | 291,127 | 30,819 | 1,827 | 256,448 |
| revised data........................... | -6,755 | -3,134 | -1,597 | 1,538 | 210 | 1,077 |
| Percent change, preliminary and revised data. | -0.38\% | -0.21\% | -0.55\% | 5.25\% | 12.99\% | 0.42\% |
| 1982 |  |  |  |  |  |  |
| Preliminary data........................ | \$1,847,801 | \$1,564,594 | \$283,465 | \$31,966 | \$1,311 | \$284,693 |
| Revised data.......................... Difference between preliminary and | 1,852,135 | 1,564,995 | 284,708 | 34,404 | 1,520 | 284,506 |
| revised data............................ | 4,334 | 401 | -1,243 | 2,438 | 209 | -187 |
| Percent change, preliminary and revtsed data. | 0.23\% | 0.03\% | -0.44\% | 7.63\% | 15.94\% | -0.07\% |
| 1983 |  |  |  |  |  |  |
| Preliminary data....................... | \$1,950,788 | \$1,651,744 | \$283,875 |  |  | \$307,054 |
| Revised data. Difference between prel iminary and | 1,942,590 | 1,644,573 | 282,318 | 49,408 | 2,530 | 309,634 |
| revised data. | -8,198 | -7,171 | -1,557 | 3,951 | 591 | 2,580 |
| Percent change, preliminary and revised data. | -0.42\% | -0.43\% | -0.55\% | 8.69\% | 30.48\% | 0,84\% |

NOTES AND REFERENCES
[1] Preliminary 1984 data are compared with final 1983 data throughout this article. Final 1983 data were derived from a sample of all returns filed during Calendar Year 1984, and preliminary 1984 data were derived from a sample of returns filed January through late September 1985.
[2] Executive Office of the President, Council of Economic Advisers, Economic Report of the President, p. 32. The growth of salaries and wages in AGI was determined by the size of the labor force and increases in salaries and
wages. For Tax Year 1984, the former factor predominated.
[3] U.S. Department of Labor, Bureau of Labor Statistics, Monthly Labor Review, Vol. 108, No. 9, September 1985, pp. 59 and 71. Al so see Vol. 107, No. 8, p. 63.
[4] Holik, Dan and Kozielec, John, "Taxpayers Age 65 or Over, 1977-1981," Statistics of Income Bulletin, Summer 1984, Vol. 4, No. 1, p. 4.
[5] Waits, Norman, "Preliminary Income and Tax Statistics for 1981 Individual Income Tax Returns," Statistics of Income Bulletin, Winter 1982-83, Vol. 2, No. 3, p. 3.

Additional tables presenting preliminary data for 1984 will be included in the Spring 1986 issue of the SOI Bulletin.

# Corporation Income Tax Returns, Preliminary Data, 1983 

By Karen Gutmann*

Preliminary data from U.S. corporate tax returns for 1983 reflect a period of U.S. economic growth [1]. Improving business conditions pushed total corporate receipts from operations and investments up 1.1 percent. Costs and other deductible expenses increased by only 0.6 percent, resulting in a sharp increase in total net income (less deficit) of 20.9 percent over 1982. This article discusses significant changes in data between the 1982 and 1983 income years. Data will be compared for the number of returns filed as well as for the major components of the tax return: the income statement, the balance sheet, income tax assessed and tax credits claimed. A discussion of the data sources and limitations follows the text, and tables present detailed tax return data by industrial division and for the corporate population as a whole.

## NUMBER OF RETURNS

There has been a slowdown in the number of corporation income tax returns filed in recent years. An estimated 3 million income tax returns of active corporations were filed for 1983, an increase of 2.5 percent over 1982. The average rate of growth for 1981, 1982 and 1983 was only slightly more than half that of the 4 preceding years (Figure A). The latter period saw a sharp slowdown in the chartering of new corporations, as well as a significant increase in the number of business failures [2]. In addition, a small contributing factor may be the continuing growth in the number of mergers and acquisitions of U.S. corporations. A recovering economy makes more cash and credit available to finance consolidation. In 1983, the number of completed mergers and acquisitions involving only U.S. companies (where a U.S.-owned corporation is purchased by or merged into another U.S. -owned corporation) rose 8.0 percent [3].

Figure A - Growth Rate of Returns Filed

| Income Year | Number of returns | Percent change from previous year |
| :---: | :---: | :---: |
| 1977. | 2,241,887 | 7.7\% |
| 1978. | 2,376,779 | 6.0 |
| 1979. | 2,556,794 | 7.6 |
| 1980. | 2,710,538 | 6.0 |
| 1981. | 2,812,420 | 3.8 |
| 1982............... | 2,925,933 | 4.0 |
| 1983 (preliminary). | 2,999,182 | 2.5 |

INCOME STATEMENT
A 21 percent rise in corporate profits for 1983 reversed the downward trend that began with 1980. Figure B shows the movement of undistributed after-tax profits from 1978 to 1983 as well as other components of corporate cash flow [4]. It is noteworthy that deductions for non-cash expenses offset a net after-tax loss such that corporations still experienced a reasonably stable positive cash flow for 1982.

Despite the increase, however, net income was still almost $\$ 27$ billion below the 1981 level, part of which is due to larger depreciation deductions allowed after the 1981 enactment of the Economic Recovery Tax Act (ERTA). As the recovering economy renewed demand for goods and services, business receipts rose nearly $\$ 150$ billion, an increase of 2.4 percent. Interest income, on the other hand, decreased by approximately $\$ 23$ billion. This decrease was to be expected, with the average prime rate charged by banks on loans continuing its decline from a record 18.9 percent in 1981 to 14.9 percent in 1982 and 10.8 percent in 1983 [5].

[^1]Figure $B$.
Corporate Profits and Cash Flow, Retůrns of Active
Corporations, 1978-1983
(Billions of Dollars)


A: Undistributed Corporate Profits After Tax
B: Deductions for Non Cash Expenses
C: ${ }^{\text {C }}$ Corporate Cash Flow
Note: Business cycle peaks $(P)$ and troughs $(T)$ are turning points in economic activity, as designated by the National Bureau of Economic Research, Inc.
Shiaded areas represent recessions.

Also attributable in part to lower interest rates was a significant decrease to interest paid as a deductible expense. This item declined by $\$ 42$ billion between 1982 and 1983, an 8.2 percent drop. At the same time, the Accelerated Cost Recovery System for depreciation (ACRS), introduced by ERTA and modified in 1982, continued to exert a downward pressure on the net income computed for tax purposes by contributing to a depreciation deduction that was $\$ 27$ billion higher for 1983 than for 1982 [6]. Corporate cost of sales and operations and deductions for compensation paid to corporate officers together increased $\$ 24$ billion. In combination, the lower interest write-off offset these changes such that total corporate deductible expenses rose only 0.6 percent.

While profits rose sharply overall, the change to net income varied widely by industrial activity. Figure $C$ shows that significant growth in net income for the three largest industry groupings (manufacturing, trade and finance) offset the decline in net income experienced in all but one of the remaining five.

## BALANCE SHEET

For the first time, total assets as reported on tax returns passed the $\$ 10$ trillion mark, an increase of nearly $\$ 800$ billion over 1982. This 8.5 percent increase was smaller than the 9.4 percent increase of the previous year. "Other current liabilities" contributed the most change to corporate debt with an increase of nearly $\$ 280$ billion. Ninety percent of this rise came from banks and credit institutions which typically include deposits and withdrawable shares in this category.

Assets rose by a greater amount than did liabilities, thus increasing stockholders' equity. As business activity accelerated in 1983, corporate receivables grew by nearly $\$ 250$ billion, accounting for a large portion of asset growth. More than 70 percent of receivables growth was in the finance industries, indicating an increase in business and consumer indebtedness. Spurred on by accelerated depreciation and the more generous investment credit provisions allowed by ERTA, corporations continued to add to their physical capital. This is reflected in the net increase in depreciable assets of nearly $\$ 140$ billion.

Another asset item of interest is inventories. In 1983, ending inventories rose 2.7 percent after a 1.2 percent decilne in 1982. Figure D shows inventory change for corporations engaged primarily in manufacturing and trade. These two activities together accounted for 84.6 percent of total ending inventories in 1983. In the recessionary period that ended in late 1982, declining sales meant that corporations were unable to move current inventory and, accordingly, they reduced their purchases of new inventory. Between 1981 and 1982, both inventories and business receipts decreased by about the same percentage. With the onset of the recovery in early 1983, current inventory was depleted, spurring new inventory purchases. As a result of an encouraging economic outlook, inventory growth began to outpace somewhat that of sales between 1982 and 1983.

Corporate debt as a percentage of total assets rose silghtly from 73.6 to 74.1 percent, reversing a deciline begun in 1981 when the debt ratio fell to 73.7 percent from the 1980 level of 75.0. The debt ratio measures the

Figure C - Net Income (Less Deficit), 1982 and 1983 [Millions of dollars]

| Industrial division | 1982 | $\begin{gathered} 1983 \\ \text { (preliminary) } \end{gathered}$ | Percent change |
| :---: | :---: | :---: | :---: |
|  | (1) | (2) | (3) |
| All industries. | \$154, 334.1 | \$186,640.7 | 20.9\% |
| Agriculture, forestry and fishing............................. | -86.4 | -197.9 | -129.0 |
| Mining............................................................ | 543.6 | -1,538.8 | -383. 1 |
| Construction. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | 2,324.0 | 2,256.3 | -2.9 |
| Manufacturing. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | 75,791.3 | 94,814.5 | 25.1 |
| Transportation and public utilities........................... | 18,336.0 | 19,476.8 | 6.2 |
| Wholesale and retail trade................................... | 28,442.7 | 34,984.8 | 23.0 |
| Finance, insurance and real estate............................ | 21, 804.1 | 31,557. 5 | 44.7 |
| Services......................................................... | 7,199.3 | 6,087.6 | -15.4 |

1 Includes "nature of business not allocable," which was not shown separately.
NOTE: Detall may not add to total because of rounding.

Figure D.--Change in Inventories, 1982 to 1983 [Billions of dollars]

| Industry | Ending inventories |  |  |
| :---: | :---: | :---: | :---: |
|  | 1982 | 1983 | Percent change |
|  | (1) | (2) | (3) |
| Al1 industries.... | \$581.2 | \$596.7 | 2.7\% |
| Manufacturing........ | 274.6 | 268.6 | -2.2 |
| Wholesale and retail trade......... | 214.8 | 236.5 | 10.1 |

percentage of total funds provided by creditors. Generally, a lower debt ratio is considered desirable since the lower the ratio, the more easily a company would be able to absorb decreases to net income. Another important financial ratio is the current ratio, which is computed by dividing current assets by current liabilities. This ratio indicates the ability of corporations to cover short-term debts. For 1982 and 1983, the ratio of current assets to current liabilities remained nearly constant at just less than 1:1 [7].

## INCOME TAX AND TAX CREDITS

For 1983, income tax (before credits) rose 5.6 percent to almost $\$ 90$ billion in contrast to the 15.5 percent decrease recorded for 1982. Total income tax credits increased by only 1 percent. The combined effect of these two factors was a 9.4 percent increase in Federal income tax after credits. Despite the increase in income tax liability, after-tax corporate profits increased approximately 26 percent.

The method for computing corporate income tax remained essentially the same as in recent years. The regular corporate tax rate was 46 percent of taxable income above $\$ 100,000$. The first $\$ 100,000$ of taxable income was taxed as follows:
$\$ 25,000$ or less at 15 percent;
$\$ 25,001$ to $\$ 50,000$ at 18 percent;
$\$ 50,001$ to $\$ 75,000$ at 30 percent; and
$\$ 75,001$ to $\$ 100,000$ at 40 percent.

As in previous years, when corporations reported net long-term capital gains, they had the option of using the regular method described above or an alternative method, whichever produced the lesser amount of tax owed. The alternative method pulled net long-term capital gains out of taxable income and taxed them separately at a special rate of 28 percent. The rest of taxable income was taxed at the rates stated above. Income tax credits were applied against the corporation's
regular or alternative tax. Additional tax from recomputing prior-year investment credit, additional tax from tax preferences and the personal holding company tax were not reduced by these credits.

ERTA allowed corporations to take a credit based on contributions to an employee stock ownership plan, effective for tax years ending after 1982. This new credit reduced regular and alternative tax by nearly $\$ 900$ million for 1983. The jobs and research activities credits increased at significant rates, but the absolute increases involved were relatively small ( $\$ 117$ million and $\$ 431$ million, respectively). Investment credit, one of the largest single credits, decreased by $\$ 1.4$ billion continuing a decline begun in 1982. However, an $\$ 800$ million increase in the largest credit, the foreign tax credit, as well as increases to all but one of the other credits, largely offset this drop.

SUMMARY
The economic recovery begun in 1983 sharply reversed the downward trend in corporate income and profits that began in 1979. The 21 percent rise in total net income and improvements in indicators of corporate financial strength are signs of a recovering economy. However, immediate response to the economic turnaround of 1983 varied widely by industry, with corporations involved in manufacturing, trade and finance showing the greatest improvements. As corporate profits rose, total corporate income tax increased more than 9 percent.

## data sources and limitations

These preliminary statistics are based on a sample of the following types of corporation income tax returns: Form $1120-$ U.S. Corporation Income Tax Return; Form 1120L--U.S. Life Insurance Company Income Tax Return; Form $1120 \mathrm{M}-$ U.S. Mutual Insurance Company Income Tax Return; Form 1120 --U.S. Small Business Corporation Income Tax Return; Form 1120F--Return of a Foreign Corporation; and Form 1120-DISC--Domestic International Sales Corporation Return. The sample was selected after revenue processing but before audit. Both 1982 and 1983 returns were generally stratified using net income or loss, total assets and business activity. For Tax Year 1983, returns of corporations with accounting periods ended July 1983 through June 1984 were selected at rates ranging from 0.35 to 100 percent. There were 90,191 returns in the 1983 preliminary sample, estimating a total population of $2,999,182$. The corresponding sample size and population for the preliminary 1982 data were 93,668 and 2,925,939, respectively. Sample size and population for the revised 1982 data referred to in this article were 93,675 and $2,925,933$, respectively.

Because the data presented in this article are estimates based on a sample, they are subject to sampling error. To use the data properly, the magnitude of the sampling error should be known. Coefficients of variation are used to measure that magnitude.

The following table presents approximate coefficients of variation for frequency estimates. The coefficients of variation shown here are intended only as a general indication of the data reliability. For numbers of corporations other than those shown below, the corresponding coefficients of variation can be estimated by interpolation. The reliability and use of estimates based on samples and the use of coefficients of variation for evaluating the precision of sample estimates are discussed in the Appendix.

Estimated number of returns

The preliminary estimates used in this article are also subject to nonsampling error. Preliminary data were drawn from sampled returns processed through December 1985. Returns processed after this date will be reflected in the final statistics to be published later in 1986. In addition, as this article goes to print, a thorough review of the data is in process. Errors will be uncovered and corrected during this review, but the corrections cannot be generalized to predict the differences between the complete data and this preliminary report. Although added returns from late corporate filers will tend to increase aggregate amounts, corrections made in review may cause either a net increase or decrease in individual items. Figure $E$ illustrates the changes between key preliminary and revised data for the 1982 Statistics of Income report, but these figures should be used with caution because of the anomalies discussed above.

## NOTES AND REFERENCES

[1] The estimates in this report are based on data from returns with accounting periods ending from July 1983 through June 1984. This span, in effect, defines the income year such that noncalendar year accounting periods are centered on the calendar year ended December.
[2] Executive Office of the President, Council of Economic Advisers, Economic Report of the President, February 1985, p. 337.

Figure E --Returns of Active Corporations: Comparison of Selected 1982 Preliminary and Final Estimates
[Millions of dollars]

| Item | $\begin{gathered} 1982 \\ \text { preliminary } \\ \text { data } \end{gathered}$ | 1982 <br> final <br> data | Difference | Percent difference 1982 preliminary and final data |
| :---: | :---: | :---: | :---: | :---: |
|  | (1) | (2) | (3) | (4) |
| Total assets.. | \$9,337,313 | \$9,357, 785 | +\$20,472 | +0.22\% |
| Depreciable assets..................... | 2,580,236 | 2,583,060 | +2,824 | +0.11 |
| Business receipts. | 6,147,176 | 6,156,994 | +9,818 | +0.16 |
| Depreciation deduction................. | 212,857 | 213,179 | +322 | +0.15 |
| Net income (less deficit).. | 151,127 | 154,334 | +3,207 | +2.12 |
| Income subject to tax.................. | 205,035 | 205,175 | +140 | +0.07 |
| Income tax before credits.............. | 85,002 | 85,078 | +76 | +0.09 |
| Income tax credits, total............. | 39,660 | 39,694 | +34 | +0.09 |

[3] The number of completed domestic mergers rose from 1,960 in 1982 to 2,125 in 1983. The Hay Group, Information for Industry, Mergers and Acquisitions, The Journal of Corporate Venture, 1984 Almanac and Index, pp. 5-6.
[4] The amounts in Figure $B$ were computed as follows:

A: Undistributed corporate profits after tax equals net income (less deficit), minus income tax after credits, plus foreign tax credits, minus cash distributions to stockholders. Foreign tax credits are based on tax paid to foreign countries. Since foreign income and taxes are not included in this computation, neither are foreign tax credits. Cash distributions to stockholders are reported from the corporations' book accounts on Schedule M-2 of the tax return. Corporations which show a net loss on their tax
return may show a net gain on their books and may pay dividends.
B: Deductions for non-cash expenses equals the sum of the deductions for depreciation, depletion and amortization.

C: Corporate cash flow equals undistributed corporate profits after tax plus deductions for non-cash expenses ( $A+B$ ).
[5] Executive Office of the President, Council of Economic Advisers, Economic Report of the President, February 1984, pp. 298-299.
[6] See Johns, Max, "Accelerated Cost Recovery System, 1981: A Reading on the Initial Impact," Statistics of Income and Related Administrative Record Research: 1984, October 1984, pp. 71-77.
[7] For more detailed financial ratios using tax data, see Troy, Leo, Almanac of Business and Industrial Financlal Ratios, T978 through 1985 editions.

Table 1.--Returns of Active Corporations: Selected Items by Industrial Division, 1983 Preliminary Data
[All figures are estimates based on samples--money amounts are in thousands of dollars]

| Item | 1982 | $\begin{gathered} 1983 \\ \text { Preliminary } \end{gathered}$ | Percent Change |
| :---: | :---: | :---: | :---: |
|  | (1) | (2) | (3) |
| All Industries ${ }^{1} 1$ |  |  |  |
| Number of returns. | 2,925,933 | 2,999,182 | 2.5 |
| Total assets. | 9,357, 784, 804 | 10,156,377,797 | 8.5 |
| Total receipts. | 7,024,097,766 | 7,098, 621, 182 | 1.1 |
| Business receipts. | 6,156,994,009 | 6,303, 043,003 | 2.4 |
| Net income (less deficit) | 154,334,143 | 186,640, 724 | 20.9 |
| Income subject to tax. | 205,175,407 | 217,006,471 | 5.8 |
| Income tax before credits, | 85, 077, 493 | 89, 802, 226 | 5.6 |
| Income tax after credits ${ }^{2}$. | 47, 071,799 | 51,421,975 | 9.2 |
| Agriculture, forestry and fishing $\quad 90$ |  |  |  |
| Number of returns................. | 91, 320 | 92,154 | 0.9 |
| Total assets. | 50,409,537 | 50,218,935 | -0.4 |
| Total receipts. | 65,356, 911 | 59,103,515 | -10.0 |
| Business receipts | 60,643,550 | 55, 008, 884 | -9.3 |
| Net income (less deficit) | -86,418 | -197,924 | -129.0 |
| Income subject to tax. | 1,604,445 | 1,464,070 | -8.7 |
| Income tax before credits. | 490, 228 | 417,388 | -14.9 |
| Income tax after credits ${ }^{2}$. | 375,348 | 312,484 | -16.7 |
| Mining |  |  |  |
| Number of returns. | 36,676 | 36,999 | 0.9 |
| Total assets.... | 192,380,473 | 193,040,341 | 0.3 |
| Total receipts. | 203,098,557 | 131,936,756 | -35.0 |
| Business receipts. | 191,152,749 | 122,091,351 | -36.1 |
| Net income (less deficit) | 543,578 | -1,538,758 | -383.1 |
| Income subject to tax. | 7, 319,683 | 4,608,875 | -37.0 |
| Income tax before credits. | 3,203,406 | 1,974,829 | -38.4 |
| Income tax after credits ${ }^{\text {2 }}$. | 1,044,031 | 714,633 | -31.6 |
| Construction |  |  |  |
| Number of returns | 282,345 | 283,344 | 0.4 |
| Total assets. | 153,085,046 | 160,919,019 | 5.1 |
| Total receipts. | 281, 747, 868 | 290, 108, 368 | 3.0 |
| Business receipts..... | 271, 633,721 | 280, 230,939 | 3.2 |
| Net income (less deficit) | 2, 323,952 | 2,256,274 | -2.9 |
| Income subject to tax.... | 5,973, 416 | 5,486,120 | -8.2 |
| Income tax before credits. | 2,069,718 | 1,788,973 | -13.6 |
| Income tax after credits ${ }^{2}$ | 1,583,063 | 1,385,540 | -12.5 |
| Manufacturing |  |  |  |
| Number of returns | 259,106 | 261,818 | 1.0 |
| Total assets. | 2,060, 710,683 | 2,223,229,574 | 7.9 |
| Total receipts. | 2,488, 331,915 | 2,530,955,902 | 1.7 |
| Business receipts. | 2,357,973,059 | 2,396,538,375 | 1.6 |
| Net income (less deficit). | 75, 791, 264 | 94, 81 4, 467 | 25.1 |
| Income subject to tax. | 102,157,505 | 112,901,621 | 10.5 |
| Income tax before credits. | 45, 015,096 | 49,857,937 | 10.8 |
| Income tax after credits ${ }^{2}$ | 21,625,905 | 24,718,845 | 14.3 |

Table 1.--Returns of Active Corporations: Selected Items by Industrial Division, 1983.Preliminary Data--Continued
[A11 figures are estimates based on samples--money amounts are in thousands of dollars]

| Item | 1982 | $\stackrel{1983}{\text { Preliminary }}$ | Percent Change |
| :---: | :---: | :---: | :---: |
|  | (1) | (2) | (3) |
| Transportation and public utilities Number of returns. | 115,470 | 122,551 | 6.1 |
| Total assets......... | 919,861,069 | 998,290,736 | 8.5 |
| Total receipts. | 632,294,442 | 656,842,704 | 3.9 |
| Business receipts. | 606,039,657 | 627,292,051 | 3.5 |
| Net income (less deficit) | 18,335,959 | 19,476,807 | 6.2 |
| Income subject to tax. | 25,955,886 | 25,580,815 | -1.4 |
| Income tax before credits | 11,356,073 | 11,287,931 | -0.6 |
| Income tax after credits ${ }^{2}$ | 4,918,681 | 5,411,853 | 10.0 |
| Wholesaie and retail trade |  |  |  |
| Number of returns. | 839,547 | 851,951 | 1.5 |
| Total assets.. | 753,351,132 | 799,939,532 | 6.2 |
| Total receipts. | 2,017,701,364 | 2,110,203,691 | 4.6 |
| Business receipts. | 1,972,305,356 | 2,062,267,205 | 4.6 |
| Net income (less deficit) | 28,442,678 | 34,984,828 | 23.0 |
| Income subject to tax.. | 30,107,072 | 33,249,446 | 10.4 |
| Income tax before credits | 11,372,087 | $12,614,904$ $10,551,382$ | 10.9 12.4 |
| Income tax after credits ${ }^{\text {2 }}$ | 9,385,787 | 10,551,382 | 12.4 |
| Finance, insurance, and real estate |  |  |  |
| Number of returns.. | 4, 461,630 | 5,460,978,707 | 3.9 |
| Total assets...... | 4,987,466,401 | $5,460,978,701$ $900,133,315$ | -5.5 |
| Total receipts... | $949,867,877$ $337,493,098$ | 362,219,037 | 7.3 |
| Net income (less deficit) | 21,804,088 | 31,557,470 | 44.7 |
| Income subject to tax. | 19,973,233 | 22,406,865 | 12.2 |
| Income tax before credits. | 7,643,631 | 8,334,625 | 9.0 |
| Income tax after credits ${ }^{2}$ | 5,485,777 | 5,667,118 | 3.3 |
| Services |  |  | 3.6 |
| Number of returns Total assets.... | 237,876,895 | 269,350,718 | 13.2 |
| Total receipts. | 380,767,394 | 416,009,599 | 9.3 |
| Business receipts. | 355,090,610 | 391,617,540 | 10.3 |
| Net income (less deficit) | 7,199,258 | 6,087,564 | -15.4 |
| Income subject to tax. | 11,941,166 | 11,794,121 | -5.7 |
| Income tax before credits. | 3,885,618 | 3,665,426 | -5.7 |
| Income tax after credits ${ }^{2}$. | 2,617,453 | 2,665,404 | 1.8 |

1 Includes "nature of business not allocable," which was not shown separately.
2Income tax after credits is computed as follows: Income tax before credits less total tax credits, plus additional taxes for investment credit recapture and minimum tax.
NOTE: Detail may not add to total because of rounding.

Table 2.--Returns of Active Corporations: Balance Sheet, Income Statement, Tax, and Credit Items, 1982 and 1983 (Preliminary)
[All figures are estimates based on samples--money amounts are in thousands of dollars]

|  | Item | 1982 | $\begin{gathered} 1983 \\ \text { Preliminary } \end{gathered}$ | Percent change 1982 to 1983 |
| :---: | :---: | :---: | :---: | :---: |
|  |  | (1) | (2) | (3) |
| 1 | Number of returns | 2,925,933 | 2,999,182 | 2.5 |
| 2 | Total assets . | 9, 357, 784, 804 | 10,156,377, 797 | 8.5 |
| 3 | Cash | 540,903,600 | 590,463,551 | 9.2 |
| 4 | Notes and accounts receivable | 2,420,475,398 | 2,662, 723,763 | 10.0 |
| 5 | Less: Allowance for bad debts | 46,645,987 | 50,898,922 | 9.1 |
| 6 | Inventories | 581,241,455 | 596, 71 2,953 | 2.7 |
| 7 | Investments in Government obligations, total 1 | 605,51 3, 662 | 679,046,104 | 12.1 |
| 8 | Other current assets | 436, 507, 859 | 425, 953, 279 | -2.4 |
| 9 | Loans to stockholders | 38, 304, 326 | 47,880, 279 | 25.0 |
| 10 | Mortgage and real estate | 942,428,269 | 980,115,442 | 4.0 |
| 11 | Other investments ...... | 1,604,730,616 | 1,794,157,159 | 11.8 |
| 12 | Depreciable assets | 2,583,060, 326 | 2,719,893,488 | 5.3 |
| 13 | Less: Accumulated depreciation | 942,704,683 | 1,020,709,911 | 8.3 |
| 14 | Depletable assets ................ | 94,637,768 | 108,229,391 | 14.4 |
| 15 | Less: Accumulated depletion | 29,442,570 | 32,825,691 | 11.5 |
| 16 | Land .......................... | 110,318,941 | 118,831,605 | 7.7 |
| 17 | Intangible assets (amortizable) | 81,178,989 | 87, 366, 441 | 7.6 |
| 18 | Less: Accumulated amortization | 24,869,273 | 24,959,000 | 0.4 |
| 19 | Other assets | 362,146,111 | 474, 397, 869 | 31.0 |
| 20 | Total liabilities and net worth | 9,357,784,804 | 10,156,377,797 | 8.5 |
| 21 | Accounts payable ......................... | 678,630,282 | 658,292,750 | -3.0 |
| 22 | Mortgages, notes, and bonds payable in less than one year | 667,060,956 | 756,408,956 | 13.4 |
| 23 | Other current liabilities | 3, 220, 923, 530 | 3,499,858,998 | 8.7 |
| 24 | Loans from stockholders ...................... | 117,424,462 | 130,157,946 | 10.8 |
| 25 | Mortgages, notes, and bonds payable in one year or more | 1,224,277,725 | 1,318,711,255 | 7.7 |
| 26 | Other liabilities ................................ | 979,894,871 | 1,158,862,277 | 18.3 |
| 27 | Capital stock | 658, 259,634 | 785,968, 507 | 19.4 |
| 28 | Paid-in or capital surplus ... | 782, 269,156 | 870, 384, 560 | 11.3 |
| 29 | Retained earnings, appropriated | 54, 727, 615 | 52,670, 222 | -3.8 |
| 30 | Retained earnings, unappropriated | 1,173,094,293 | 1, $214,409,168$ | 3.5 |
| 31 | Less: Cost of treasury stock ... | 198,777,714 | -289,346,839 | 45.6 |
| 32 | Total receipts .... | 7,024, 097,766 | 7,098,621,182 | 1.1 |
| 33 | Business receipts .... | 6,156, 994,009 | 6,303, 043,003 | 2.4 |
| 34 35 | Interest on Government obligations: State and local | $14,124,877$ $515,628,874$ | 16,631,821 | 17.7 |
| 35 36 | Other interest. | 515,628,874 | 492, 401,824 | -4.5 |
| 36 37 | Rents | $69,614,109$ $13,473,404$ | $69,388,063$ $13,820,138$ | -0.3 |
| 38 | Net short-term capital gain reduced by net long-term capital loss | $13,473,404$ $2,882,207$ | $13,820,138$ $5,033,196$ | 2.6 74.6 |
| 39 | Net long-term capital gain reduced by net short-term capital loss ...................... | 26,318,184 | 33,327,922 | 26.6 |
| 40 | Net gain, noncapital assets ............... | 20,992,023 | 25,991,002 | 23.8 |
| 41 | Dividends received from domestic corporations | 18,155,559 | 19,624,947 | 8.1 |
| 42 | Dividends received from foreign corporations | 13,950,906 | 14,173,440 | 1.6 |
| 43 | Other receipts .... | 171,999,616 | 103,149, 031 | -40.0 |
| 44 | Total deductions | 6,869,267,462 | 6,910,246,197 | 0.6 |
| 45 | Cost of sales and operations .. | 4,270,850,310 | 4,283, 308, 833 | 0.3 |

Table 2.--Returns of Active Corporations: Balance Sheet, Income Statement, Tax, and Credit Items, 1982 and 1983 (Preliminary)--Continued
[All figures are estimates based on samples--money amounts are in thousands of dollars]

|  | Item | 1982 | $\begin{aligned} & 1983 \\ & \text { Preliminary } \end{aligned}$ | Percent change 1982 to 1983 |
| :---: | :---: | :---: | :---: | :---: |
| Total receipts (continued) |  | (1) | (2) | (3) |
|  |  | 129,481,025 | 140,954,711 | 8.9 |
| 47 | Repairs ................. | 72,524,061 | 74,452, 237 | 2.7 |
| 48 | Bad debts | 26,690,963 | 30, 407,762 | 13.9 |
| 49 | Rent paid on business property | 94,917,540 | 104,361,065 | 9.9 |
| 50 | Taxes paid | 165,888,353 | 172,712,924 | 4.1 |
| 51 | Interest paid | 515,032,667 | 473,061,575 | -8.2 |
| 52 | Contributions or gifts | 2,906,476 | 3,538,892 | 21.8 |
| 53 | Amortization | 3,784,654 | 4,493,831 | 18.7 |
| 54 | Depreciation | 213,179,160 | 240,591,603 | 12.9 |
| 55 | Depletion | 7,021,176 | 7,556,992 | 7.6 |
| 56 | Advertising | 64,987,632 | 72,067,521 | 10.9 |
| 57 | Pension, profit-sharing, stock bonus, and annuity plans | 54,232,011 | 54,001,098 | -0.4 |
| 58 | Employee benefit programs | 51,838,884 | 58, 662, 414 | 13.2 |
| 59 | Net loss, noncapital assets | 10,367,020 | 7,566,330 | -27.0 |
| 60 | Other deductions | 1,185,565,538 | 1,182,508,415 | -0.3 |
| 61 | Total receipts less total deductions | 154,830,304 | 188, 374,986 | 21.7 |
| 62 | Constructive taxable income from related foreign-corporations | 13,628,71.6 | 14,897,558 | 9.3 |
| 63 | Net income (less deficit), total | 154,334,143 | 186,640,724 | 20.9 |
| 64 | Net income | 274,352,942 | 294, 957,060 | 7.5 |
| 65 | Deficit | 120,018,799 | 108, 316, 336 | -9.8 |
| 66 | Statutory special deductions, total | 19,527,353 | 27,367,240 | 40.1 |
| 67 | Net operating loss deduction | 11,385,921 | 18,092,563 | 59.3 |
| 68 69 | Dividends-recei ved deduction | 8,105,493 | 9, 232,629 | 13.9 |
|  | deduction. | 35,939 | 42,048 | 17.0 |
| 70 | Income subject to tax, total | 205,175,407 | 217,006,471 | 5.8 |
| 71 | Net long-term capital gain taxed at alternative rates | 12,025,442 | 13,973,999 | 16.2 |
| 72 | Income tax before credits ${ }^{2}$ | 85, 077,493 | 89, 802, 226 | 5.6 |
| 73 | Tax credits, total ${ }^{3}$. | 39,665, 225 | 40,110,177 | 1.1 |
| 74 | Foreign tax credit | 19,137,201 | 19,943,868 | 4.2 |
| 75 | U.S. possessions tax credit | 2,026,980. | 1,599,82¢ | -21.1 |
| 76 | Investment credit | 17,312,702 | 15,912,964 | -8.1 |
| 77 | Jobs credit | 327,285 | 444,235 | 35.7 |
| 78 | Research credit | 839,220 | 1,270,588 | 51.4 |
| 79 | Employee stock ownership credit | 14,450 | 898,711 | 6,119.5 |
| 80 | Income tax after credits | 45,412,268 | 49,692,049 | 9.4 |
| 81 | Tax from recomputing prior-year investment credit | 1,181,074 | 1,169,849 | -1.0 |
| 82 | Additional tax for tax preferences | 478,457 | 560, 077 | 17.1 |
| 83 | Personal holding company tax | 6,802 | 6,182 | -9.1 |
| 84 | Total income tax after credits ${ }^{5}$. Distributions to stockholders: | 47,078,601 | 51,428,157 | 9.2 |
| 85 | Cash and property except in own stock | 132,478,411 | 129,005,634 | -2.6 |
| 86 | Corporation's own stock ............ | 3,642,024 | 4,779,636 | 31.2 |

1 Includes all investments in United States, State and local government obligations.
${ }^{2}$ Consists of regular and alternative tax.
${ }^{3}$ Includes $\$ 600,000$ and $\$ 7,005,000$ of alcohol fuel credit and $\$ 6,787,000$ and $\$ 32,980,000$ of nonconventional source fuel credit for 1982 and 1983, respectively.
4 The 1983 preliminary amount for this item is significantly understated because of returns that are to be added. More accurate data will be available in the Spring 1986 issue of the Statistics of Income Bulletin.
${ }^{5}$ Total income tax after credits is computed as follows: Income tax before credits less total tax credits, plus additional tax for tax preferences, tax from recomputing prior-year investment credit and personal holding company tax.
NOTE: Detail may not add to total because of rounding.

# Nonprofit Charitable Organizations, 1982 

By Laura M. Heuchan*

In 1982, nonprofit charitable organizations reported total revenues of $\$ 196.3$ billion, 21 percent of which was obtained from contributions, gifts, and grants. Total expenditures were $\$ 181.3$ billion, with direct spending for charitable services accounting for 84 percent of that total. They collected fees for services (program service revenue) covering 82 percent of program expenses. These fees were supplemented by other sources of income, such as contributions and investment earnings.
"Nonprofit charitable organizations" refer to all organizations exempt under Internal Revenue Code (IRC) 501 (c)(3), excluding private foundations. In 1982, of 264,890 organizations recognized by the Internal Revenue Service as nonprofit charities, there were only an estimated 75,738 required filers. The population of nonprofit charitable organizations required to file annual information returns (Form 990) has decreased since 1975 [1]. Nonetheless, the value of total asset holdings has increased by $\$ 171.1$ billion since 1975 for a current dollar increase of 158 percent. A similar growth in revenues and expenses is evident, as shown in Figure A [2].

There are numerous explanations for the simultaneous drop in the population of filers and the marked growth in the aggregate statistics. The primary reasons for the drop in filers are the changes in filing requirements between 1975 and 1982. In 1975, an organization was granted an exemption from filing if its gross receipts were less than $\$ 5,000$; this level was raised to $\$ 10,000$ in 1976 and to $\$ 25,000$ in 1982. A characteristic of the sector has always been the concentration of financial resources among a small number of organizations. For example, 6 percent of all nonprofit charitable organizations controlled 81 percent of total assets in 1982. An uneven distribution of resources across organizations was further evidenced by the concentration of 75 percent of revenues in 4 percent of the institutions. In addition, 6 percent of the organizations were responsible for 74 percent of total expenditures. With respect to assets, revenue, and expenses, the controlling organizations were in the top

Figure A. --Nonprofit Charitable Organizations, 1975 and 1982
[Money amounts are in billions of dollars]

| Item | 1975 | 1982 |
| :---: | :---: | :---: |
| Number of returns. | 82,048 | 75,738 |
| Total assets................... | \$108.5 | \$279.6 |
| Total revenue. | 65.5 | 196.3 |
| Contributions, gifts, and grants. | 17.1 | 41.3 |
| Dues and assessments. | 1.5 | 2.5 |
| Program service revenue. | n.a. | 124.4 |
| Total expenses................ | 62.6 | 181.3 |
| Program service expenses.... | 36.8 | 151.7 |
| Fundraising expenses........ | 1.4 | 1.7 |
| Management and general expenses | n.a. | 27.4 |

n.a. Not available.

For more detail, see Table 1.
Source: For 1975, data are from Statistics of Income Bulletin, Fall 1981, p. 10.
bracket and were predominantly educational institutions and health service providers as shown in Figures B and C. Any significant growth or shrinkage affecting the very large organizations would have had a pronounced effect on aggregate statistics. Reduced Federal spending for nondefense goods may have been a factor in this growth since this may have resulted in unmet demand for services such as health care and education [3]. The cutback in spending for health and education may have stimulated growth in the nonprofit sector, especially in the larger hospitals and schools, to fill this gap. Additionally, the percentage of persons below the poverty level rose from 12.3 percent in 1975 to 15.0 percent in 1982, and the possible increase in need from this portion of the population for charitable goods and services may have influenced the level of charitable activity provided by exempt organizations [4].

Figure B

- Top Ten 501(c)(3) Organizations Ranked by Total Revenue, 1982
[Money amounts are in millions]

| Name | Total Revenue |
| :---: | :---: |
| College Retirement Equities Fund | \$4,631 |
| Teachers insurance and Annuity Association of America |  |
| Kaiser Foundation Health Plan | 2, 1116 |
| Harvard College | 1,342 |
| Kaiser Foundation Hospitals | 1,123 |
| University of Chicago | 745 |
| American National Red Cross | 722 |
| Sisters of Mercy Health Corporation | 718. |
| Massachusetts Institute of Technology | 692 |
| Stanford University | 664 |

Figure C
Top Ten 501 (c)(3) Organlzations Ranked by Total Assets, 1982
[Money amounts are in millions)

Name | Tōtā |
| :---: | :---: |
| Assets |

| Teachers Insurance and Annuity |  |
| :---: | ---: |
| Association of America | $\$ 13,519$ |
| College Retirement Equities Fund |  |
| Harvard College | 12,821 |
| Yale University | 3,326 |
| Stanford University | 1,836 |
| Princeton University | 1,727 |
| Shriners Hospital for Crippled Children | 1,415 |
| University of Rochester | 1,273 |
| University of Chicago | 1,127 |
| Duke University | 1,068 |

## PROVISIONS OF IRC 501(c)(3)

Organizations tax exempt under IRC 501 (c)(3) pursue diverse activities that further their exempt purpose. They exist in many sectors of the economy. IRC 501 (c)(3) status is typically granted based on an entity being organized for purposes that are religious, charitable, scientific, educational, testing for public safety, etc. Charitable means that the services provided by the organization are pro bono publico (for the public benefit). The granting of exempt status is based solely on an organization's charitable purpose. Activities engaged in are restricted only in that they must be substantially related to the exempt purpose and they must serve public interests as opposed to private. There is also a stipulation that net earnings may not flow to a private shareholder or individual, and there are restrictions on activities to influence legislation.

Numerous benefits accrue to organizations that obtain 501 (c)(3) status. Among the inducements for seeking this classification are the exemption from Federal income tax on income earned while pursuing an exempt purpose, the exemption from most state and local income and real estate taxes, the exemption from the federal unemployment tax, the selective exemption from excise taxes, and significantly reduced postage rates. The flow of private funds to these organizations is promoted by the statute allowing contributions to be deducted in calculating the taxable income of the donor. For instance, the 1982 law allowed up to 50 percent of an individual's adjusted gross income as a charitable deduction. Federal corporate, gift, fiduciary, and estate tax laws also allow charitable contribution deductions.

Along with other tax-exempt organizations, charitable organizations are subject to the unrelated business income tax on net profits from regularly carried on business operations that are not substantially related to their exempt charitable purposes.

Definition and Growth of the Nonprofit Charitable Sector

The supply of, and demand for, philanthropic goods and services are usually discussed in terms of incentives or motives that influence giving as well as the purpose of the giving. It is generally accepted that at least one component in philanthropic giving is altruism and that the purpose of philanthropy is the provision of some collective or public good [5]. In this context, altruism exists when there is not an expectation of an immediate quid pro quo (one thing in return for another) to the individual giver. The providers of philanthropic goods and services function in all three sectors of the economy: the business sector, the government sector, and the nonprofit sector.

The Internal Revenue Code (IRC) divides nonprofit organizations into 23 groups, of which a number may receive tax-deductible charitable donations. The organizations exempt from income tax under IRC 501 (c)(3) receive the largest part of tax-deductible donations; and they are the main suppliers of philanthropic goods and services. The data described here reflect only $501(c)(3)$ charitable organizations, excluding private foundations. For 1975, when all nonprofit organizations were measured, $501(c)(3)$ organizations (excluding private foundations) represented 37 percent of the total. (In general, private foundations act as conduits for philanthropic funds, whereas nonprofit charitable organizations actually provide charitable goods and services.)

Charitable organizations must file on Form 990 if they have gross receipts more than
$\$ 25,000$ (religious organizations are not required to file). They are diverse in scale of financial activity as well as in scope of purpose. They include hospitals, universities, research institutes, art museums and other charitable organizations. While the estimates presented here do not include most religious organizations or those organizations not required to file, they do cover the largest part of charitable activity with respect to asset holdings and revenues.

Growth of nonprofit charitable organizations both absolutely and relatively is shown in Figure D.

Total revenue and expenditures grew faster than total assets, which means nonprofit charities have expanded their charitable activity rather than added to capital assets. Revenue and expenditures all grew faster than GNP (see Figure D). Charitable activity rose much faster than per capita income.

The growth of the nonprofit charitable sector as indicated by the percentage increases shown in Figure D could reflect the increasing shift of the overall economy from a manufacturing to a service industry base. Service industries such as education, health services, and social services are relatively labor intensive and are the dominant activities within the charitable sector (see Figures H and I). With the service industry assuming a larger role in the U.S. economy relative to manufacturing and agriculture, it is reasonable that charitable activity would experience growth [8].

Historical Trends and Perception of Charitable Activity Up to 1982

Government policy toward philanthropy represents public sentiment as expressed through the legislative process. Growth of the sector has been stimulated by favorable legislation.

Traditionally, from the earliest days of this country, religious and educational institutions have been exempt from property taxation. When Federal income tax laws were adopted in 1894 (subsequently declared unconstitutional in 1895), organizations pursuing charitable, religious or educational purposes were granted exempt status. The Sixteenth Amendment to the Constitution allowed the first constitutional income tax law in 1913 and contained the rudiments of IRC 501 (c)(3).

The provision for an income tax deduction for charitable contributions by individuals was initiated in 1917, and estate tax deductions for bequests to charitable organizations were authorized in 1919. Charitable deductions for corporations were allowed beginning in 1935. Aside from provisions regarding charitable organizations engaged in business activities, the thrust of legislation has generally been to encourage the development of exempt organizations.

Charitable organizations receive direct and indirect subsidies from government. Direct government grants received in 1982 were $\$ 19.2$ billion, or 46 percent of total contributions. This illustrates the tradition of partnership

Figure D. --Nonprofit Charitable Organizations, 1975 and 1982: Alternative Measures of Sector Change
[Money amounts are in billions of dollars]

| Type of measure | 1975 | 1982 | Percentage Change |
| :---: | :---: | :---: | :---: |
|  | (1) | (2) | (3) |
| Total revenues (in 1972 constant dollars) | \$52.1 | \$ 94.9 | +82.1\% |
| Total assets (in 1972 constant dollars) ...... | 86.2 | 135.1 | +56.7 |
| Total expenditures (in 1972 constant dollars) | 49.8 | 87.6 | +75.9 |
| Total revenues divided by GNP | 4. $2 \%$ | 6.3\% | +50.0 |
| Total expenditures divided by GNP | 4.0\% | 5.9\% | +47.5 |
| Total revenues per capita divided by per capita income ... | 5.9\% | 9.0\% | +52.5 |
| Total expenditures per capita divided by per capita income | 5.6\% | 8.3\% | +48.2 |
| Total revenues divided by revenues of business entities.. | 1.8\% | 2.5\% | +38.9 |
| Total assets divided by assets of business entities ... | 2.0\% | 3.0\% | +50.0 |
| Total expenditures divided by expenditures of business entities | 2.0\% | 2.0\% | 0.0 |

NOTE: Revenue, assets, and expenditures were converted into 1972 dollars using the GNP price deflator. Per capita income is equal to GNP divided by U.S. population. Business entities include corporations, nonfarm partnerships and nonfarm sole proprietorships [6] [7].
Source: Business entity data are from U.S. Treasury Department, Internal Revenue Service, Statistics of Income Division, published and unpublished tables. GNP price deflator is from U.S. Council of Economic Advisers, Economic Report of the President, February 1984, p. 224. U.S. population data are from U.S. Bureau of the Census, Current Population Reports, Series $P$-25, and unpublished data.
between government and nonprofit organizations in supplying public goods and services [9]. Indirect subsidies come in the form of exemption from various taxes and in the tax expenditure for the deduction of contributions from income taxed to the donor [10]. Tax expenditures exist that benefit individuals and corporate entities as well as nonprofit organizations (e.g. deductibility of home mortgage interest expense). Tax expenditures are expressed in terms of outlay equivalent (i.e., the amount required to produce the equivalent of the benefits derived from the tax expenditure) and in terms of the revenue loss to the government [11]. Figure E. shows tax expenditures for the deductibility of charitable contributions in 1982. Figure F, with details of contributions as reported on tax. returns for 1982, presents the source of the tax expenditures.

Figure E.--Tax Expenditures for Deduction of Charitable Contributions, 1982 1/ [12]
[Money amounts are in millions of dollars]

| Type of deduction | Outlay equivalent | Revenue $105 \mathrm{~s}$ |
| :---: | :---: | :---: |
| Deductibility of charitable contributions (education) | \$830 | \$835 |
| Deductibility of charitable contributions (health) $\qquad$ | 1,240 | 1,245 |
| Deductibility of charitable contributions (other than education and health) ............ | 7,550 | 7,595 |

1/Includes contributions to organizations exempt under IRC 501 (c) as well as to religious and. other exempt organizations.

Source: Executive Office of the President, Office of Management and Budget, Special Analyses, Budget of the United States Government, FY 1984, p. G-27 and P. G-32.

Contributions received from the public, as reported on nonprofit charitable organization returns, reflected only 46 percent of total contributions shown in Figure $F$. The remainder of these contributions would have been received by organizations not required to file Forms 990. Religious organizations, the predominant type of $501(c)(3)$ organization, are not required to file returns. Therefore, the largest part of the remaining 54 percent of contributions not reported on Form 990 would have been donated to these organizations.

It should be noted that the IRC does not recognize the value of volunteer services as a

Figure F.--Charitable Contributions as Reported on Tax Returns, 1982
[Money amounts are in millions of dollars]

| Source of contribution | Amount |
| :---: | :---: |
| Total | \$48,051 |
| Individual | 36,761 |
| Corporate ........................... | 2,906 |
| Estate bequests ..................... | 2,545 |
| Fiduciary ............................. | 1,416 |
| Private foundations 1/ .............. | 4,423 |
| Gift ................ | n.a. |

n.a. Not available.
$1 /$ The inclusion of this figure in total contributions involves double counting since individual, corporate, estate and fiduciary giving include gifts to private foundations.

Source: U.S. Department of the Treasury, Internal Revenue Service, Statistics of Income Division, published and unpublished tables.
noncash contribution for deduction purposes, nor is the value reported as revenue on the returns-filed-by-charitable-organizations. Nonetheless, volunteer services constitute an important part of total donations.

Description of Nonprofit Charitable Organi-
Zation Activity
To explain the existence of the nonprofit charitable sector, it is necessary to determine what inducements exist for the formation and continued operation of the organizations that form the sector. The private sector is comprised of firms seeking to maximize their profits. They accomplish this by attempting to satisfy consumer desires through the mechanism of the market. Alternately, the level of Government provision of public goods is primarily determined by a majority vote of the electorate. The Government, due to a lack of information about specific consumer preferences, must use a nonbenefit-based system of taxation for the provision of public goods. A nonbenefit-based taxation system is necessary because it is not possible to equate taxes paid by an individual to the benefits received by that individual from public goods and services [13]. One explanation for the existence of the nonprofit charitable sector is that demand for public goods is not completely revealed by a majority vote of the electorate and therefore not supplied by the Government [14]. Private nonprofit organizations may form to meet this unsatisfied demand. Also, there may be an overlapping provision of public goods by Government and by nonprofits with the private sector offering private good substitutes for public goods.

The share of output by nonprofit charitable organizations may be primarily determined by: the undersupply of public goods resulting from the allocation by a majority vote using a non-benefit-based taxation system; the responsiveness of Government institutions to changes in quantities of public goods as mandated by a majority vote; the suitability of private good substitutes for public goods; and the price of philanthropy to the donor and to the Government in terms of a tax expenditure.

There is no standard theory of behavior for nonprofit charitable firms analogous to the profit maximization behavior of private firms [15]. This is partly due to the wide mix of organizations in the sector that have different philanthropic objectives and the difficulties in measuring both charitable output and returns on investment in philanthropy. In general, it may be assumed that nonprofit charitable entities are attempting to maximize the furtherance of their charitable purpose.

The nonprofit charitable sector as a whole shows variation in terms of primary revenue source as total assets increase. As seen in Figure G, the reliance of organizations on contributions for revenue varies inversely with total assets. A stronger reliance on program service fees for a major portion of revenue emerges as assets increase. Those with assets under $\$ 100,000$ rely on contributions for 68 percent of revenue and on fees charged for 7 percent, while those with assets $\$ 50,000,000$ or more depend on contributions for 13 percent of revenue and on program service revenue for 68 percent.

Figures H and I display the only information available from exempt organization returns on the type of organizations that are filing. It is derived from the section of the return in which an organization must supply a reason for not being classified in the less-favored category of private foundation [16]. Most are publicly supported organizations, whereas the concentration of assets is in the schools and hospitals.

Both the composition of assets and the major source of revenue of hospitals and schools (the only activities readily identifiable from information on the Form 990 exempt organization return) are dissimilar as evidenced in Figure J . Hospitals have a large capital investment in land, building, and equipment, followed by receivables and inventories as the top components of assets. Schools hold fewer assets in land, buildings and equipment than hospitals and schools' assets are heavily concentrated in investments. Contributions, gifts, and grants account for 25 percent of the revenue received by schools, but only 3 percent of the revenue received by hospitals.

Figure G
Components of Revenue, by Asset Size, 1982



Other
Dues and assessments
Program Service Revenue
Contributions

Education and health services are good examples of industries that are represented in the private business sector, the Government sector, and the nonprofit charitable sector. While there certainly is overlap, in general, the for-profits target a different market than the nonprofits and the Government providers. Earnings of nonprofits are used for provision of medical services as opposed to for-profits, which may distribute their earnings to individual investors. Nonprofit hospitals generally offer a wider range of services than for-profit hospitals, and the services offered are more public in nature (e.g., home care programs, social work departments, organ banks) [17]. It is possible that nonprofit hospitals serve more of the uninsured and low-income segment of the population.

Differences in accounting standards for nonprofit and for-profit entities highlight the difficulty in evaluating the nonprofit sector. In exchange for the privilege of tax exemption, charitable organizations forfeit the privilege of paying dividends on invested capital. The

Figure H. --Nonprofit Charitable Organizations, Excluding Private Foundations: Balance Sheet and Income Statement Items, by Type of Organization, 1982
[All figures are estimates based on samples--money amounts are in millions of dollars]

| Type of organization 1/ | Number of returns | Total assets | $\left\lvert\, \begin{gathered} \text { Total } \\ \text { liabilities } \end{gathered}\right.$ | Total revenue | Total expenses |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | (1) | (2) | (3) | (4) | (5) |
| Total | 75,733 | \$279,632 | \$116,771 | \$196,300 | \$181,294 |
| Church 2/ | 2,022 | 2,837 | 915 | 1,517 | 1,255 |
| Sćhool | 8,335 | 73,524 | 13,685 | 35,224 | 29,843 |
| Hospital | 5,021 | 93,839 | 45,797 | 91,855 | 87,278 |
| Government unit | 701 | 1,182 | 443 | 1,242 | 1,201 |
| Hospital research | 546 | 1,296 | 229 | 560 | 523 |
| Organization supporting a public college | 1,057 | 3,400 | 338 | 1,860 | 1,343 |
| Publicly supported organization .... | 50,738 | 56,737 | 22,812 | 45,620 | 43,042 |
| Organization-support $=$ ing charitable organizations | 4,893 | 42,418 | 30,764 | 15,586 | 14,267 |
| Organization testing for public safety .. | 1 | 104 | 13 | 93 | 85 |
| Not reported | 2,419 | 4,295 | 1,775 | 2,743 | 2,457 |

[^2]distribution of earnings to individual investors is the impetus behind the formation of business entities. This nondistributional constraint placed on nonprofit organizations is what defines a nonprofit organization as opposed to a for-profit entity. The balance sheet of a nonprofit charitable organization does not have an owner's equity section; earnings will accrue instead to the fund balance/net worth section. These organizations must operate for the public benefit and their income and assets must be held and used for that purpose. It may be that, in a sense, a nonprofit charitable organization is owned by the public.

The accounting systems of many nonprofit organizations keep separate records of groups of resources and their subsequent use because they have specified purposes and restrictions.

This need leads to the use of fund accounting where funds are restricted (the directors have limited control over specific use due to donor instructions). Nonexpendable (capital funds that cannot be used for operating costs) and expendable funds represent another classification of resources. In addition, many hospitals and schools have endowment funds that provide income for the organization, while the principal is not available for use [18]. The constraints imposed on the use of these funds hamper the exempt organization's financial management in quickly adapting to changing economic conditions.

However, the most important difference between the concept of exempt organization performance and that of for-profit entities centers on measurement of efficiency. Effectiveness in pursuing an exempt purpose cannot

Figure I--Nonprofit Charitable Organizations, Excluding Private Foundations, Frequency Distribution of Organizations Among Asset Classes, by Type of Organization, 1982
[A11 figures are estimates based on samples]

| Type of organization 1/ | $\begin{gathered} \text { Under } \\ \$ 100,000 \end{gathered}$ | $\$ 100,000$ under \$500,000 | $\begin{gathered} \$ 500,000 \\ \text { under } \\ \$ 1,000,000 \end{gathered}$ | $\begin{aligned} & \$ 1,000,000 \\ & \text { under } \\ & \$ 10,000,000 \end{aligned}$ | $\begin{aligned} & \$ 10,000,000 \\ & \text { under } \\ & \$ 50,000,000 \end{aligned}$ | $\begin{gathered} \$ 50,000,000 \\ \text { or } \\ \text { more } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | (1) | (2) | (3) | (4) | (5) | (6) |
| Church 2/ ....................... | 960 | 480 | 102 | 436 | 35 | 6 |
| School | 3,364 | 1,922 | 717 | 1,331 | 754 | 245 |
| Hospital ....................... | 480 | 961 | 102 | 1,547 | 1,408 | 521 |
| Government unit .... | 480 | -- | -- | 204 | 12 | 3 |
| Hospital research ............... | -- | 480 | -- | 43 | 18 | 4 |
| Organization supporting a public college | -- | 480 | 307 | 215 | 42 | 11 |
| Publicly supported organization | 22,593 | 15,863 | 4,097 | 7,338 | 726 | 118 |
| Organization supporting charitable organizations $\qquad$ | 960 | 1,922 | 512 | 1,245 | 208 | 43 |
| Organization testing for public safety | -- | -- | -- | -- | -- | 1 |
| Not reported ................... | 960 | 961 | 204 | 231 | 44 | 15 |

1/This classification was derived from Schedule A (Form 990), Part IV, entitled "Reason for Nō̄-Private Foundation Status."

2/Churches are not required to file a Form 990. Most of the organizations in this category either filed voluntarily or misreported their type of organization. This estimate is, therefore, not inclusive of the majority of religious organizations.
be expressed in net profit or return on investment figures. Traditional financial ratios are difficult to calculate and interpret.

## SUMMARY

For 1982, total revenue for nonprofit charitable organizations was $\$ 196.3$ billion, reflecting an 82 percent real growth since 1975. Total assets and total expenses experienced similar growth during this period. Health service and education providers dominated the largest organizations.

Contributions represented 21 percent of total revenue for all organizations. The importance of contributions as a part of revenue declined as the value of assets increased. The largest organizations relied more on program service revenue while the small organizations depended on contributions as their primary revenue source.

The largest number of these charitable organizations were publicly supported organizations which produced a wide array of goods and services. However, the concentration of financial aggregates was in the schools and hospitals.

Charitable organizations and for-profit entities operate with different goals and under different legal constraints. The furtherance of the public good is assumed to be the reason that charitable organizations operate as a third sector in the U.S. economy.

## DATA SOURCE AND LIMITATIONS

The database used for this article was constructed by the Statistics of Income (SOI) Division by collecting data using the concept

Figure J

## Composition of Assets \& Revenue Sources, By Organization Type, 1982


of a Tax Year as opposed to a Processing Year (see Appendix for a discussion of the concepts of a Processing Year and a Tax Year). The relevant Tax Year is defined by accounting periods ending December 1982 through November 1983. Calendar year filers represented 45 percent of the population, while 42 percent of the non-calendar year filers had accounting periods ending in June. The sample included 219 group returns that appear to be returns with large assets while the return actually represents an aggregate of many small organizations [19].

The sample size was 4,398 organizations. The estimates of nonprofit charitable organizations presented here are based on a random probability sample of 1982 unaudited information returns (Form 990) stratified by asset levels. The sample was selected based on a computation on the employer identification number (EIN). The 1982 filing requirement granted an exemption to entities with gross receipts of $\$ 25,000$ or less; returns of organizations with gross receipts of less than $\$ 25,000$ were bypassed for sample selection. The sample design was nearly optimal for the purpose of estimating total assets or totals highly correlated with assets.

The data presented in this article are subject to sampling and nonsampling error. The size of the sampling error is estimated by the approximate coefficients of variation in Figure K. Nonsampling error would stem primarily from interpretation of charitable organizations' entries on the Form 990 and the efficiency of the testing used in detecting inconsistencies in the data as well as the quality of the subsequent correction process. When 1982 returns were not available, 1981 returns were substituted as proxies. In addition, comparable frequencies and amounts in tables may vary slightly as a result of computer software differences.

Sampling rates ranged from 1.00 for organizations with $\$ 10$ million or more in assets to . 0021 for organizations with assets below $\$ 500,000$. Additionally, the weighting of the data file had to be adjusted for nonresponse. (Some returns selected were not obtainable.) The low rate of sampling for lower asset organizations increases sampling variability for these strata. Consequently, a caveat must be issued as to the use of estimates for organizations with assets of $\$ 500,000$ or less. The approximate coefficient of variation for each sampling rate is shown in Figure K. In addition, organizations with receipts that are normally not more than $\$ 25,000$ (the average of the preceding 3 years for organizations 3 years or older) might not have filed a 1982 return even if their receipts were greater than $\$ 25,000$ in 1982.

Figure K. - Approximate Coefficient of Variation for Number of Returns by Size of Assets

| Approximate coefficient of variation | Size of Assets |  |  |
| :---: | :---: | :---: | :---: |
|  | Under \$500,000 or blank | $\begin{gathered} \$ 500,000 \\ \text { Under } \\ \$ 2,500,000 \end{gathered}$ | $\begin{aligned} & \$ 2,500,000 \\ & \text { Under } \\ & \$ 10,000,000 \end{aligned}$ |
|  | (1) | (2) | (3) |
| 0.05 | 50,100 | 11,300 | 5,500 |
| 0.07 | 40,100 | 9,000 | 4,200 |
| 0.10 | 28,100 | 6,200 | 2,800 |
| 0.15 | 16,200 | 3,500 | 1,600 |
| 0.20 | 10,200 | 2,200 | 950 |
| 0.30 | 5,000 | 1,050 | 450 |

APPENDIX: COMPARISONS OF 1975 AND 1982 DATA
There have been many changes in the operating environment of charitable organizations between 1975 and 1982 and they should be noted before comparing the two SOI sample data sets for the purpose of analyzing changes in the charitable sector. In addition, there are differences in the scope and methodology of the studies as well as in the data source. Comparability is further hampered by the fact that the Form 990 underwent a major revision during this period.

The economic climate of 1982 differed from that of 1975. The rate of price change was 6.1 percent in 1982 as compared to 9.1 percent in 1975. Inflation has particularly negative effects on exempt organizations with endowment funds that depend on fixed-return long-term investments. Management of these funds was made more difficult by the depressed stock and bond markets of 1974 that were still recovering in 1975. Endowment funds typically follow the stock and bond markets in value. Prices in this market were much higher in 1981-82 than in 1974-75 [20].

In addition, there was a change in the filing requirement effective in December 1982 that affected all 1982 Form 990 filings. This change raised the minimum level of gross receipts, required for filing purposes, to more than $\$ 25,000$ from the previous level of more than $\$ 10,000$ in 1976 and more than $\$ 5,000$ in 1975. Adjusting for the rate of inflation, this represents a 203 percent increase in the filing requirement (in 1972 dollars). This, along with a possible increase in the filing of group returns, may account for the decrease in the number of organizations filing a return.

As a percentage of total revenue, donations fell from 26 percentage to 21 percent for non-
profit charitable organizations between 1975 and 1982. There are alternative explanations for the apparent decreased level of charitable donations relative to total revenue. Enactment of the Economic Recovery Tax Act of 1981 (ERTA) could have had a dampening effect on giving to these organizations. While it would require more research to estimate ERTA's overall effect on contributions, it is possible to enumerate theoretical relationships between levels of giving and the cost of giving.

The cost of charitable giving for an individual can most simply be expressed as:

$$
\mathrm{Cg}=(1-\mathrm{Tm}),
$$

where Cg is the cost of giving, and Tm is the marginal tax rate. One dollar of giving, less the donor's marginal rate of taxation (the percentage of tax on the last dollar of income realized), yields the out-of-pocket cost of the gift. For example, an individual in the 70 percent tax bracket realizes a true cost of $\$ 30$ when donating $\$ 100$, since $\$ 70$ would have been paid as tax. Therefore, the cost of a charitable contribution is inversely related to the donor's marginal tax rate. If the marginal rate drops, the cost of donating increases, and an individuà facing an array of consumption choices experiences a change in the relative prices between expenditures on goods and services that are tax deductible versus those that are not tax deductible.

ERTA reduced average marginal tax rates as well as the maximum marginal rate (from 70 percent to 50 percent). The resultant increase in the cost of giving may have had a substitution effect on an individual's willingness to contribute. Conversely, the lowering of tax rates may have increased after-tax income levels (in the absence of a downturn in the business cycle or other negative changes in general economic conditions) and may have produced a positive income effect that would have operated to increase charitable giving. If the price elasticity of demand were large enough to outweigh the income elasticity, it is possible that this provision of ERTA negatively affected giving to nonprofit charitable organizations. (It should be noted that there could be a lagged substitution effect or lagged income effect where a transition period was needed to observe the final effect.) [21] [22].

ERTA also provided, for the first time, some deductibility of charitable donations for nonitemizers. This lowered the cost of giving for this group to the extent of the limit of the maximum allowable deduction. Again, the overall dollar impact on exempt organizations' receipts is difficult to predict since a portion of the contributions of nonitemizers would not be a result of new behavior.

Estate tax return filings were affected by provisions of the Tax Reform Act of 1976 that progressively raised the gross value of the estate required to file to $\$ 175,000$ from a level of $\$ 60,000$ in 1975. Charitable bequests for those estates not required to file would have a higher cost than when the estates were taxed. ERTA's estate tax provisions affected charitable bequests of decedents in 1982 and thereafter. Exempt organizations' receipts could have been affected by this after 1982.

The final consideration in trying to measure the change in the nonprofit charitable sector from 1975 to 1982 is that the structure of the two SOI studies differs in three significant ways. First, the 1975 study used a Processing Year concept, in which 1975. returns filed and processed during 1976 were sampled. The 1982 study used a Tax Year concept in which 1982 returns were sampled regardless of when they were processed. A Processing Year design allows an earlier cut-off of sampling; hence statistics can be produced more quickly. When a Processing Year sampling method is used to produce annual statistics, late filers can be captured in a statistical series. On the other hand, a Tax Year design-would-provide-better coverage for 1 -year statistics, but the sampling would require a longer time frame due to lags in filing and processing of returns [23]. Second, the 1975 study focused on all IRC 501(c) subsection codes, whereas the 1982 study sampled only IRC 501 (c)(3) and 501 (c)(4) organizations. (501(c)(4) organization data are not included in this article.) Finally, the 1975 study classified organizations by principal activity as well as stratified the sample on levels of receipts. For 1982, the sample was stratified by assets and data on activity. were not included since activity coding was dropped from the Form 990 before 1982.

## NOTES AND REFERENCES

[1] 1975 was the year of the last Statistics of Income (SOI) study of nonprofit charitable organizations.
[2] See Appendix entitled "Comparisons of 1975 and 1982 Data" for an explanation of the differences in the 1975 and 1982 data sets.
[3] Executive Office of the President, Office of Management and Budget, The Budget of the United States Government, FY 1982, pp. 8-9.
[4] U.S. Bureau of the Census, Current Population Reports, series P-60, Nos. 138 and 145.
[5] The concept of altruism does not preclude the donor from receiving some benefit (e.g., recognition by the community, self-satisfaction); it merely indicates that the benefit is not immediately tangible.
[6] Data available for partnerships and sole proprietorships did not contain farm entities for every statistic. Therefore, for consistency in comparison, farm data were not used.
[7] Assets are not reported by sole proprietorships. Therefore, they are not included in business entities assets.
[8] U.S. Bureau of Labor Statistics, Employment and Earnings, monthly; unpublished data.
[9] "A commodity is called a 'public good' if its consumption by one person does not reduce the amount available for others or phrasing it another way, a good is 'public' if providing the good for anyone makes it possible to provide it for everyone, without additional cost. Public goods thus represent a particular type of beneficial externality. A private good (e.g., a banana) is used or consumed exclusively; a public good is (or may be) used concurrently by many economic agents." Hirshleifer, Jack, Price Theory and Applications, 3rd ed., Prentice-Hall, 1984, pp. 143-144.
[10] "Tax expenditure estimates measure the decrease in individual and corporate income tax liabilities that result from the provisions in income tax laws and regulations that provide economic incentives to the private sector or tax relief to particular kinds of taxpayers." "The term tax expenditure is derived from the assumption that the goals of these favorable tax provisions could be accomplished by replacing them with direct expenditure programs." Joint Committee on Taxation, "Estimates of Federal Tax Expenditures for Fiscal Years 1986-1990," April 12, 1985, p. 2.
[11] The difference between the cost of an outlay equivalent and the cost of a revenue loss is that a portion of an outlay would be in the form of transfer payments that would be taxable. Thus, because of the revenue gain, the outlay would generally cost less than the revenue loss of the tax expenditure.
[12] Due to the interdependence of tax expenditures, these estimates cannot be added together for a total outlay equivalent or a total revenue loss; instead,
they must be considered independently. The term "interdependence of tax expenditures" refers to the fact that tax expenditures mutually affect marginal tax rates. The elimination of one exclusion from gross income could cause an increase in taxable income that would be taxed in a higher bracket thus increasing the revenue loss from other exclusions.
[13] Weisbrod, Burton A., "Toward a Theory of the Voluntary Non-Profit Sector," in Altruism, Morality, and Economic Theory, Edmund S. Phelps, ed., Russell Sage Foundation, 1975, p. 175.
[14] Weiss, Jeffrey H., "The Ambivalent Value of Voluntary Provision of Public Goods in a Political Economy," in Nonprofit Firms in a Three Sector Economy, Michelle J. White, ed., The Urban Institute Press, 1981, pp. 11-12.
[15] Newhouse, Joseph P.,"Toward a Theory of Nonprofit Institutions: An Economic Model of a Hospital," American Economic Review, March 1970, p. 64.
[16] Private foundations are subject to an excise tax on investment income and they are required to distribute annually a minimum amount of their investment assets. See Riley, Margaret, "Private Foundation Information Returns, 1982," Statistics of Income Bulletin, Fall 1985, Vol. 5, No. 2, p. 8.
[17] Weisbrod, Burton A., The Voluntary Nonprofit Sector, Lexington Books, 1977, pp. 77-81.
[18] Gross, Malvern J., Jr., and Warshauer, William, Jr., Financial and Accounting Guide for Nonprofit Organizations, 3 rd ed., John Wiley \& Sons, 1983, pp. TT-39.
[19] A parent organization may file a return for affiliated organizations that are subject to the parent's control and are exempt under a current group exemption letter. All the organizations on a group return must have the same accounting period.
[20] U.S. Council of Economic Advisers, Economic Report of the President, 1975, pp. 310-311.
[21] Vickrey, William, "Private Philanthropy and Public Finance," in Altruism, Morality, and Economic Theory, Edmund $S$. Phelps, ed., Russell Sage Foundation, 1975, pp. 153-157.
[22] For empirical evidence that ERTA did not negatively affect charitable giving, see

Bristol, Ralph B., "Tax Cuts and Charitable Giving;" Tax Notes, July 15, 1985, pp. 323-326.
[23] As an example of a possible lag in filing and processing a 1982 return, organizations with an accounting period ending in November 1983 would have a required filing date for its 1982 return of April 15, 1984. Because of filing extensions, the return might not be processed until 1985.

Table 1. - Returns of Tax-Exempt 501(C)(3)' Organizations with Total Assets: Assets, Llabilities, Revenue and Expenses by Size of Total Assets, 1982
[All figures are estimates based on samples - money amounts are in thousands of dollars]


[^3]Table 1. - Returns of Tax-Exempt $501(\mathrm{C})(3)^{1}$ Organizations with Total Assets: Assets, Liabilities, Revenue and Expenses by Size of Total Assets, 1982 - Continued
[All figures are estimates based on samples - money amounts are in thousands of dollars]


[^4]Note: - Indicates Not Reported.

Table 2. - Returns of Tax-Exempt 501(C)(3) ${ }^{1}$ Organizations with Selected Income and Balance Sheet Items, by State, 1982 [All figures are estimates based on samples - money amounts are in thousands of dollars]

| State | Number of Returns | Total Roceipts | Selected Receipts |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Total Contributions Received |  | Direct Public Support |  | Indirect Public Support |  | Government Grants |  |
|  |  |  | $\begin{aligned} & \text { Number } \\ & \text { of } \\ & \text { Returns } \end{aligned}$ | Amount | $\begin{gathered} \text { Number } \\ \text { of } \\ \text { Returns } \end{gathered}$ | Amount | Number of Retums | Amount | $\begin{gathered} \hline \text { Number } \\ \text { of } \\ \text { Returns } \\ \hline \end{gathered}$ | Amount |
|  | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) |
| United States, total ............................... | $\begin{array}{r} \hline 75,741 \\ 410 \\ 486 \\ 522 \\ 168 \\ 8,639 \end{array}$ | $196,305,702$$1,998,335$74,640$1,364,901$838,13$21,097,305$ | 60,026 | 41,272,738 | 55,388 | 17,293,900 | 13,360 | 4,798,249 | 24,190 | 19,180,588 |
| Alabama. |  |  | 357 | 516,093 | 253 | 129,450 | 140 | 33,674 | 248 | 352,968 |
| Alaska |  |  | 4 | 10,645 | 4 | 1,282 |  | , | 4 | 9,362 |
| Arizona |  |  | 516 | 579,742 | 514 | 330,785, | 5 | 1,161 | 153 | 247,795 |
| Arkansas |  |  | 167 | 86,427 | 168 | 51,960 | 108 | 29,081 | 8 | 5,386 |
| California |  |  | 6,497 | 3,079,449 | 6,295 | 1,968,533 | 414 | 373,941 | 1,867 | 1,536,975 |
| Colorado | 677 | 1,926,535 | 668 | 294,724 | 668 | 173,746 | 152 | 38,087 | 540 | 82,891 |
| Connecticut | 1,332 | 3,148,985 | 746 | 311,861 | 742 | 258,117 | 15 | 16,541 | 38 | 37,203 |
| Delaware | 20. | 515,745 | 14 | 35,192 | 13 | 31,515 | 3 | 1,693 | 8 | 1,985 |
| Florida | 2,360 | 5,946,281 | 2,345 | 1,143,449 | 1,860 | 504,851 | 425 | 327,120 | 1,103 | 311,479 |
| Georgia | 1,030 | 2,664,739 | 1,020 | 626,942 | 1,018 | 287,199 | 259 | 64,460 | 131 | 275,284 |
| Hawaii | 23 | 507,093 | 22 | 62,075 | 21 | 27,270 | 4 | 13,173 | 7 | 21,632 |
| Idaho. | 113 | 448,756 | 111 | 266,371 | 110 | 40,894 | 2 | 99 | 107 | 225,378 |
| lllinois | 4,346 | 14,635,356 | 4,027 | 5,058,665 | 3,979 | 1,322,800 | 1,690 | 910,577 | 2,255 | 2,825,289 |
| Indiana. | 2,716 | 4,345,854 | 2,076 | 936,688 | t,109 | 236,652 | 503 | 13,040 | 1,491 | 686,996 |
| lowa.. | 873 | 1,567,828 | 828 | 269,339 | 827 | 127,875 | 155 | 9,505 | 119 | 131,959 |
| Kansas | 517 | 1,115,089 | 513 | 171,752 | 513 | 77,562 | 4 | 515 | 495 | 93,675 |
| Kentucky | 1,875 | 1,806,280 | 1,726 | 322,495 | 1,243 | 247,153 | 490 | 8,932 | 1,029 | 66,411 |
| Louisiana | 619 | 1,554,576 | 614 | 222,726 | 509 | 80,689 | 4 | 8,233 | 592 | 133,803 |
| Maine | 65 | 570,486 | 65 | 35,042 | 21 | 29,468 | 4 | 1,677 | 55 | 3,896 |
| Maryland (incl. D.C.) | 1,695 | 7,076,882 | 1,103 | 1,981,016 | 1,097 | 507.109 | 131 | 235,212 | 322 | 1,238,696 |
| Massachusetts. | 3,969 | 10,308,112 | 2.475 | 2,682,653 | 2,466 | 916,139 | 271 | 11,322 | 1,433 | 1,755,192 |
| Michigan . | 3,688 | 6,192,503 | 1,629 | 558,643 | 1,621 | 296,274 | 244 | 27,880 | 628 | 234,489 |
| Minnesota | 1,399 | 2,571,422 | 1,390 | 571,703 | 1,386 | 225,238 | 123 | 91,879 | 237 | 254,586 |
| Mississippi | 597 | 1,240,826 | 591 | 112,543 | 586 | 49,423 | 485 | 26,191 | 57 | 36,928 |
| Missouri ... | 2,212 | 4,471,847 | 611 | 732,905 | 604 | 327,084 | 165 | 63,874 | 225 | 341,946 |
| Montana. | 15 | 309,818 | 12 | 6,616 | 12 | 5,433 | 3. | 56 | 4 | 1,128 |
| Nebraska. | 31 | 786,822 | 28 | 76,106 | 27 | 58,777 | 10 | 5,624 | 13 | 11,705 |
| Nevada. | 4 | 120,000 | 3 | 5.285 | 3 | 5,087 |  | - | , | 198 |
| New Hampshire | 314 | 736,302 | 313 | 104.104 | 311 | 99,598 | 106 | 1,350 | 8 | 3.156 |
| New Jersey ...... | 1,917 | 4,769,614 | 1,720 | 723,374 | 1,670 | 245,869 | 863 | 166,165 | 726 | 311,340 |
| New Mexico. | 15 | 392,059 | 10 | 14,852 | 9 | 9,096 | 3 | 2,417 | 3 | 3,338 |
| New York | 5,958 | 27,459,756 | 5,102 | 5,620,951 | 4,453 | 2,774,399 | 711 | 1,260,223 | 2.788 | 1,586,329 |
| North Carolina | 2,165 | 4,589,052 | 2,113 | 1,145,034 | 2,008 | 507,575 | 605 | 117,980 | 1,304 | 519,478 |
| North Dakota | 16 | 497,603 | 13 | 11,403 | 13 | 10.935 | 1 | 161 | 2 | 307 |
| Ohio. | 3,861 | 10,249,112 | 3,265 | 2,883,914 | 2,669 | 592,586 | 1,417 | 375,397 | 1,348 | 1,915,931 |
| Oklahoma. | 1,107 | 2,005,294 | 725 | 476,548 | 723 | 460,682 | 7 | 4,739 | 9 | 11,127 |
| Oregon .... | 1,773 | 1,802,919 | 1,723 | 226,506 | 1,720 | 190,497 | 210 | 21,957 | 13 | 14,052 |
| Pennsylvania. | 5,552 | 14,572,073 | 4,416 | 1,681,410 | 4,402 | 818,670 | 1,167 | 94,052 | 1,485 | 768,688 |
| Rhode Istand | 1,030 | 979,410 | 1,029 | 153,102 | 1,027 | 89,076 | 7 | 49,001 | 492 | 15,025 |
| South Carolina. | 80 | 814,297 | 77 | 124,886 | 76 | 91,913 | 48 | 11,193 | 16 | 21,780 |
| South Dakota | 321 | 804,953 | 319 | 14,543 | 319 | 13,697 | - | - | 5 | 846 |
| Tennessee | 1,427 | 3,839,826 | 939 | 740,853 | 937 | 505,469 | 702 | 70,008 | 134 | 165,375 |
| Texas | 3,650 | 7,744,494 | 2,944 | 2,063,163 | 2,835 | 1,323,852 | 814 | 94,117 | 1,608 | 645,194 |
| Utah. |  | 727,375 |  | 21,295 |  | 21,026 | 1 |  | 1 | 262 |
| Vermont | 58 | 419,784 | 57 | 15,358 | 57 | 12,557 | $t$ | 51 | 8 | 2,751 |
| Virginia. | 1,568 | 4,051,056 | 1,565 | 1,063,211 | 1,561 | 505,612 | 25 | 26,209 | 384 | 531,391 |
| Washington. | 2,603 | 2,851,041 | 2,116 | 508,297 | 1,632 | 147,758 | 118 | 5,540 | 505 | 354,999 |
| West Virginia | 702 | 1,443,892 | 218 | 149,934 | 114 | 29,875 | 91 | 10,710 | 114 | 109,349 |
| Wisconsin | 1,144 | 3,248,269 | 1,138 | 400,768 | 1,133 | 336,864 | 641 | 52,496 | 27 | 11,408 |
| Wyon |  | 2,842 |  | 1,035 |  | 977 | - | - | 1 | 58 |
| Foreign | 72 | 3,099,050 | 60 | 1,571,050 | 47 | 186,952 | 13 | 120,929 | 39 | 1,263,169 |

Footrote(s) at end of table.

Table 2. - Returns of Tax-Exempt 501(C)(3) ${ }^{1}$ Organizations with Selected Income and Balance Sheet Items, by State, 1982 Continued
[All figures are estimates based on samples - money amounts are in thousands of dollars]


[^5]Table 2. - Returns of Tax-Exempt 501(C)(3)' Organizations with Selected Income and Balance Sheet Items, by State, 1982 Continued
[All figures are estimates based on samples - money amounts are in thousands of dollars]


Excluding Pirivate Foundations.
Notes: - Indicatos Not Reportod
Dotail may not edd to total bocause of rounding.

Table 3．－Returns of Tax－Exempt $501(C)(3)^{1}$ Organizations with Total Revenue：Assets，Liabilities，Revenue and Expenses by Size of Total Revenue， 1982
［All figures are estimates based on samples－money amounts are in thousands of dollars］

| Items | Total | Size of total revenue |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Negative，zero or not reported | $\begin{aligned} & \mathbf{\$ 1} \text { under } \\ & \$ 25,000 \\ & \hline \end{aligned}$ | $\begin{gathered} \$ 25,000 \text { under } \\ \$ 100,000 \\ \hline \end{gathered}$ | $\begin{gathered} \$ 100,000 \text { under } \\ \$ 500,000 \end{gathered}$ | $\begin{gathered} \$ 500,000 \text { under } \\ \$ 1,000,000 \end{gathered}$ | $\begin{aligned} & \$ 1,000,000 \text { under } \\ & \$ 10,000,000 \end{aligned}$ | $\begin{gathered} \$ 10,000,000 \text { or } \\ \text { more } \end{gathered}$ |
| Returns of 501（C）（3）organizations $\qquad$ <br> Total assets $\qquad$ <br> Cash（Non－interest bearing）： <br> Number of returns． $\qquad$ <br> Amount $\qquad$ | （1）75,738$279,638,066$ | （2） | （3） | （4） | （5） | （6） | （7） | （8） |
|  |  | $\begin{array}{r} 568 \\ 648,598 \end{array}$ | $\begin{array}{r} 1,110 \\ 309,030 \end{array}$ | $\begin{array}{r} 29,054 \\ 3,104,449 \end{array}$ | $\begin{array}{r} 22,090 \\ 9,347,210 \end{array}$ | $\begin{array}{r} 6,709 \\ 8,129,157 \end{array}$ | $\begin{array}{r} 12,834 \\ 54,739,811 \end{array}$ | $\begin{array}{r} 3,370 \\ 203,359,808 \end{array}$ |
|  |  |  |  |  |  |  |  |  |
|  | $\begin{array}{r} 65,144 \\ 4,914,338 \end{array}$ | $\begin{array}{r} 568 \\ 12,620 \end{array}$ | $\begin{aligned} & 1,006 \\ & 7,451 \end{aligned}$ | $\begin{array}{r} 22,600 \\ 204,354 \end{array}$ | $\begin{array}{r} 20,323 \\ 510,648 \end{array}$ | $\begin{array}{r} 6,308 \\ 296,469 \end{array}$ | $\begin{array}{r} 11,685 \\ 1,187,571 \end{array}$ | $\begin{array}{r} 2,652 \\ 2,695,223 \end{array}$ |
| Savings and temporary cash investments： Number of returns． $\qquad$ | $\begin{array}{r} 52,556 \\ 20,341,904 \end{array}$ | $\begin{array}{r} 567 \\ 20,129 \end{array}$ | $\begin{array}{r} 628 \\ 34,158 \end{array}$ |  | $\begin{array}{r} 14,051 \\ 1,521,978 \end{array}$ | $\begin{array}{r} 4,676 \\ 790,152 \end{array}$ | $\begin{array}{r} 9,205 \\ 4,913,832 \end{array}$ | $\begin{array}{r} 2,474 \\ 12,385,750 \end{array}$ |
| Accounts receivable（net）： Number of returns．．．．．．． Amount | $\begin{array}{r} 36,759 \\ 20,727,742 \end{array}$ |  | $\begin{array}{r} 627 \\ -\quad 2.136 \end{array}$ | $\begin{array}{r} 6,396 \\ 205,566 \end{array}$ | $\begin{array}{r} 10,260 \\ 357,316 \end{array}$ | $\begin{array}{r} 4,973 \\ 159,377 \end{array}$ | $\begin{array}{r} 11,206 \\ 3,311,342 \end{array}$ | $\begin{array}{r} 3,251 \\ 16,690,714 \end{array}$ |
| Pledges receivable（net）： Number of returns Amount $\qquad$ | $\begin{array}{r} 4,266 \\ 3,036,460 \end{array}$ |  | $\begin{array}{r} 1 \\ 1,108 \end{array}$ | － | $\begin{array}{r}  \\ 1,447 \\ 63,879 \end{array}$ |  | $\begin{array}{r} 1,890 \\ 1,322,646 \end{array}$ | $\begin{array}{r} 674 \\ 1,531,413 \end{array}$ |
| Grants receivable： <br> Number of returns $\qquad$ <br> Amount | $\begin{array}{r} 6,036 \\ 1,565,944 \end{array}$ | 二 | － | $\begin{aligned} & 1,442 \\ & 9,966 \end{aligned}$ | $\begin{array}{r} 1,647 \\ 52,164 \end{array}$ | 二 | $\begin{array}{r} 2,441 \\ 826,609 \end{array}$ | $\begin{array}{r} 506 \\ 677,204 \end{array}$ |
| Receivables due from officers，directors，trustees and key emloyees： <br> Number of returns． $\qquad$ <br> Amount $\qquad$ | $\begin{array}{r} 1,795 \\ 129,003 \end{array}$ | － | － | － | $\begin{array}{r} 961 \\ 8,912 \end{array}$ | $\begin{array}{r} 44 \\ 4,470 \end{array}$ | $\begin{array}{r}  \\ 514 \\ 9,973 \end{array}$ | $\begin{array}{r} 275 \\ 105,647 \end{array}$ |
| Other notes and loans receivable（net）： <br> Number of returns． $\qquad$ <br> Amount $\qquad$ | $\begin{array}{r} 9,152 \\ 5,824,257 \end{array}$ | 二 | $\begin{array}{r} 482 \\ 26,691 \end{array}$ | $\begin{array}{r} 1,209 \\ 17,446 \end{array}$ | $\begin{array}{r} 2,195 \\ 162,448 \end{array}$ | $\begin{array}{r} 812 \\ 67,166 \end{array}$ | $\begin{array}{r} 2,997 \\ 1,642,407 \end{array}$ | $\begin{array}{r} 1,453 \\ 3,908,096 \end{array}$ |
| Inventories for sale or use： Number of returns． Amount | $\begin{array}{r} 19,035 \\ 2,826,729 \end{array}$ | 231 | $\begin{array}{r} 480 \\ 1,159 \end{array}$ | $\begin{array}{r} 3,845 \\ 69,304 \end{array}$ | $\begin{array}{r} 4,918 \\ 94,770 \end{array}$ | $\begin{array}{r} 1,716 \\ 44,062 \end{array}$ | $\begin{array}{r} 5,398 \\ 777,776 \end{array}$ | $\begin{array}{r} 2,674 \\ 1,839,425 \end{array}$ |
| Prepaid expenses and deferred charges： Number of returns Amount | $\begin{array}{r} 23,832 \\ 1,860,943 \end{array}$ | 44 766 |  | $\begin{array}{r} 2,928 \\ 58,635 \end{array}$ | $\begin{array}{r} 7,792 \\ 105,901 \end{array}$ | $\begin{array}{r} 2,404 \\ 20,939 \end{array}$ | $\begin{array}{r} 7,975 \\ 305,763 \end{array}$ | $\begin{array}{r} 2,584 \\ 1,368,794 \end{array}$ |
| Investments－securities： Number of returns．． Amount $\qquad$ | $\begin{array}{r} 14,773 \\ 69,745,075 \end{array}$ | $\begin{array}{r} 44 \\ 13,825 \end{array}$ | $\begin{array}{r} 2 \\ 3,194 \end{array}$ | $\begin{array}{r} 6,00 \\ 3,018 \\ 462,169 \end{array}$ | $\begin{array}{r} 2,682 \\ 1,225,799 \end{array}$ | $\begin{array}{r} 2,401 \\ 1,446,811 \end{array}$ | $\begin{array}{r} 4,641 \\ 11,918,014 \end{array}$ | $\begin{array}{r} 1,983 \\ 54,675,260 \end{array}$ |
| Investments－land，buildings and equipment（minus accumulated depreciation）： <br> Number of returns． $\qquad$ <br> Amount $\qquad$ | $\begin{array}{r} 6,320 \\ 6,039,810 \end{array}$ | $\begin{array}{r} 1 \\ 1,079 \end{array}$ | － | $\begin{array}{r} 2,025 \\ 108,342 \end{array}$ | $\begin{array}{r} 1,681 \\ 473,925 \end{array}$ | $\begin{array}{r} 922 \\ 447,752 \end{array}$ | $\begin{array}{r} 1,136 \\ 1,227,896 \end{array}$ | $\begin{array}{r} 552 \\ 3,780,814 \end{array}$ |
| Investment－other： <br> －Number＿of＿returns Amount $\qquad$ | $\begin{array}{r} 6,803 \\ \hline 17,970,993 \end{array}$ | 963 | $\begin{array}{r} 628 \\ 226,693 \end{array}$ | $\begin{array}{r} 583 \\ \hline 1,672 \end{array}$ | $\begin{array}{r} 2,730 \\ 483,078 \end{array}$ | $\begin{array}{r} 398 \\ 23,947 \\ 5,167 \\ 3,932,834 \end{array}$ | $\begin{array}{r} 1,825 \\ 2,103,468 \\ 10,112 \\ 22,622,063 \end{array}$ | $\begin{array}{r} 15,357,863 \\ 3,121 \\ 74,736,500 \end{array}$ |
| Land，buildings，and equipment（minus accumulated depreciation）： <br> Number of returns $\qquad$ <br> Amount $\qquad$ | $\begin{array}{r} 41,278 \\ 107,076,532 \end{array}$ | $\begin{array}{r} 87 \\ 596,326 \end{array}$ |  | \％ $\begin{array}{r}10,857 \\ 1,026,924\end{array}$ | $\begin{array}{r} 11,303 \\ 3,935,190 \end{array}$ |  |  |  |
| Other assets： <br> Number of returns $\qquad$ <br> Amount | $\begin{array}{r} 32,739 \\ 17,578,328 \end{array}$ | $\begin{array}{r} 86 \\ 1,369 \end{array}$ | $\begin{array}{r} 525 \\ 6,294 \end{array}$ | $\begin{array}{r} 10,435 \\ 264,163 \end{array}$ | $\begin{array}{r} 8,417 \\ 351,195 \end{array}$ | $\begin{array}{r} 3,115 \\ 777,757 \end{array}$ | $\begin{array}{r} 7,494 \\ 2,570,446 \end{array}$ | $\begin{array}{r} 2,664 \\ 13,607,100 \end{array}$ |
| Total liabilitios． | 116，777，538 | 631，282 | 259，370 | 1，277，319 | $3,259,256$ | $2,888,942$ | 17,877,192 | 90，584，175 |
| Accounts payable and accrued expenses： Number of returns． Amount | $\begin{array}{r} 49,336 \\ 15,607,320 \end{array}$ | $\begin{array}{r} 87 \\ 11,778 \end{array}$ | $\begin{array}{r} 146 \\ 2,957 \end{array}$ | $\begin{array}{r} 12,749 \\ 145,988 \end{array}$ | $\begin{array}{r} 15,077 \\ 387,849 \end{array}$ | $\begin{array}{r} 5,828 \\ 269,469 \end{array}$ | $\begin{array}{r} 12,133 \\ 2,728,582 \end{array}$ | $\begin{array}{r} 3,314 \\ 12,060,693 \end{array}$ |
| Grants payable： Number of returns．． Amount ．．．．．．．．．．．．．．．．．．．． | $\begin{array}{r} 4,571 \\ 2,326,238 \\ \\ 11,200 \\ 3,414,470 \end{array}$ | － | 二 | $\begin{array}{r} 961 \\ 6,455 \end{array}$ | $\begin{array}{r} 1,749 \\ 167,948 \end{array}$ | $\begin{array}{r} 104 \\ 85,537 \end{array}$ | $\begin{array}{r} 1,576 \\ 788,406 \end{array}$ | $\begin{array}{r} 179 \\ 1,277,889 \end{array}$ |
| Support and revenue designated for future periods： Number of returns． <br> Amount $\qquad$ |  | － | $\begin{array}{r} 43 \\ 794 \end{array}$ | $\begin{array}{r} 3,365 \\ 53,342 \end{array}$ | $\begin{array}{r} 3,309 \\ 182,943 \end{array}$ |  | $\begin{array}{r} 2,960 \\ 1,331,696 \end{array}$ | $\begin{array}{r} 541 \\ 1,808,371 \end{array}$ |
| Loan from officers，directors，trustees and key employees： <br> Number of returns $\qquad$ <br> Amount $\qquad$ | $\begin{array}{r} 2,143 \\ 278,609 \end{array}$ | － | $\begin{array}{r} 148 \\ 241,461 \end{array}$ | $\begin{array}{r} 961 \\ 29,324 \end{array}$ | $\begin{array}{r} 962 \\ \mathbf{3 , 5 5 5} \end{array}$ | $\begin{array}{r} 1 \\ 312 \\ 3,262 \\ 2,216,661 \end{array}$ | $\begin{array}{r} 193 \\ 136,637 \end{array}$ | 24 108,779 |
| Mortgages and other notes payable： Number of returns． Amount | $\begin{array}{r} 24,249 \\ 51,845,471 \end{array}$ | $\begin{array}{r} 87 \\ 618,402 \end{array}$ |  | $\begin{array}{r} 6,498 \\ 842,757 \end{array}$ | $\begin{array}{r} 6,416 \\ . \quad 2,215,898 \end{array}$ |  | $\begin{array}{r} 5,110 \\ 8,698,675 \end{array}$ | $\begin{array}{r} 2,725 \\ 37,011,614 \end{array}$ |
| Other liabilities： <br> Number of returns $\qquad$ <br> Amount | $\begin{array}{r} 29,391 \\ 43,305,428 \end{array}$ |  |  | $\begin{array}{r} 6,498 \\ 199,451 \end{array}$ | $\begin{array}{r} 9,200 \\ 301,059 \end{array}$ | $\begin{array}{r} 2,829 \\ 279,639 \end{array}$ | $\begin{array}{r} 8,104 \\ 4,193,193 \end{array}$ | $\begin{array}{r} 2,669 \\ 38,316,826 \end{array}$ |
| Total fund balances／net worth： Number of returns．．．．．．．．．．．． Amount | $\begin{array}{r} 75,583 \\ 162,860,528 \end{array}$ | $\begin{array}{r} 568 \\ 17,316 \end{array}$ | 1,110 48,660 | 29,054 $1,827,128$ | $\begin{array}{r} 22,090 \\ 6,087,955 \end{array}$ | $\begin{array}{r} 6,707 \\ 5,240,213 \end{array}$ | $\begin{array}{r} 12,732 \\ 36,862,618 \end{array}$ | $\begin{array}{r} 3,320 \\ 112,775,633 \end{array}$ |
| Total liabilities and fund balances／net worth： Number of returns． <br> Amount | $\begin{array}{r} 75,738 \\ 279,638,067 \end{array}$ | $\begin{array}{r} 568 \\ 648,598 \end{array}$ | 1,110 309,030 | 29,054 $3,104,448$ | 22，090 $8,347,212$ | 6,709 $8,129,156$ | 12,834 $54,739,811$ | 3,370 $203,359,808$ |
| Total revenue | 196，305，700 | －284，316 | 11，526 | 1，725，526 | 5，668，599 | 4，570，995 | 37，032，402 | 147，580，967 |
| Total contributions ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．． | 41，272，737 | 239 | 4，994 | 659，378 | 2，713，353 | 1，686，522 | 16，176，374 | 20，031，874 |
| Contributions，gifts and grants received through direct public support： <br> Number of returns $\qquad$ <br> Amount $\qquad$ | $\begin{array}{r} 55,385 \\ 17,293,898 \end{array}$ | $\begin{array}{r}44 \\ 239 \\ \hline\end{array}$ | 1,005 3,992 | $\begin{array}{r} 19,408 \\ 466,783 \end{array}$ | $\begin{array}{r} 17,694 \\ 1,128,805 \end{array}$ | $\begin{array}{r}\text { 5，097 } \\ \hline 795,240\end{array}$ | r $\begin{array}{r}\text { 9，320 } \\ 5,904,118\end{array}$ | $\begin{array}{r} 2,815 \\ 8,994,619 \end{array}$ |
| Contributions，gifts and grants received through indirect public support： <br> Number of returns $\qquad$ <br> Amount | $\begin{array}{r} 13,361 \\ 4,798,250 \end{array}$ | － | 二 | 3,089 $\mathbf{3 7 , 4 3 1}$ | 3,659 280,345 | 2,133 268,994 | 3,593 888,801 | $\begin{array}{r} 885 \\ 3,312,677 \end{array}$ |
| Contributions，gifts and grants received through government grants： $\qquad$ <br> Amount． | $\begin{array}{r} 24,195 \\ 19.180,588 \end{array}$ | － | $\begin{array}{r} 43 \\ 1,002 \end{array}$ | $\begin{array}{r}  \\ 6,351 \\ 155,163 \end{array}$ | $\begin{array}{r} 7,912 \\ 1,304,103 \end{array}$ | $\begin{array}{r} 20,007 \\ 1,736 \\ 622,287 \end{array}$ | $\begin{array}{r} 6,720 \\ 9,373,454 \end{array}$ | $\begin{array}{r} 1,430 \\ 7,724,577 \end{array}$ |

[^6]Table 3．－Returns of Tax－Exempt 501（C）（3）＇Organizations with Total Revenue：Assets，Llabilities，Revenue and Expenses by Slize of Total Revenue， 1982 －Continued
［All figures are estimates based on samples－money amounts are in thousands of dollars］

| Items | Total | Size of total revenue |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\begin{array}{\|c\|} \hline \begin{array}{c} \text { Nogative, zero } \\ \text { not reported } \end{array} \\ \hline \end{array}$ | $\begin{aligned} & \$ 1 \text { under } \\ & \$ 25,000 \\ & \hline \end{aligned}$ | $\begin{gathered} \$ 25,000 \text { under } \\ \$ 100,000 \\ \hline \end{gathered}$ | $\begin{gathered} \$ 100,000 \text { under } \\ \$ 500,000 \\ \hline \end{gathered}$ | $\begin{gathered} \$ 500,000 \text { under } \\ \$ 1,000,000 \\ \hline \end{gathered}$ | $\begin{array}{\|c\|} \hline \$ 1,000,000 \text { under } \\ \$ 10,000,000 \\ \hline \end{array}$ | $\begin{gathered} \text { s10,000,000 or } \\ \text { more } \end{gathered}$ |
|  | （1） | （2） | （3） | （4） | （5） | （6） | （7） | （8） |
| Program service revenue： <br> Number of returns． <br> Amount． | $\begin{array}{r} 45,821 \\ 124,373,343 \end{array}$ | 523 | 433 | $\begin{array}{r} 12,909 \\ 414,059 \end{array}$ | $\begin{array}{r} 15,455 \\ 1,738,059 \end{array}$ | $\begin{array}{r} 5,103 \\ 1,954,152 \end{array}$ | $\begin{array}{r} 8,926 \\ 15,930,438 \end{array}$ | $\begin{array}{r} 2,860 \\ 104,336,413 \end{array}$ |
| Membership dues and assessments： <br> Number of returns <br> Amount | $\begin{array}{r} 18,438 \\ 2,476,708 \end{array}$ | 二 | 480 78 | $\begin{array}{r} 10,780 \\ 263,96 \end{array}$ | $\begin{array}{r} 4,971 \\ 312,938 \end{array}$ | $\begin{array}{r}701 \\ \hline 135,425\end{array}$ | 2,296 690,061 | $\begin{array}{r} 206 \\ 1,074,287 \end{array}$ |
| Interest on savings and temporary cash investments： Number of returns． <br> Amount $\qquad$ | $\begin{array}{r} \mathbf{5 5 , 1 4 6} \\ \mathbf{3 , 3 7 1 , 9 0 5} \end{array}$ | $\begin{array}{r} 5677 \\ 4,317 \end{array}$ | 629 3.483 | $\begin{aligned} & 20,848 \\ & 80,941 \end{aligned}$ | $\begin{array}{r} 15,280 \\ 183,460 \end{array}$ | 157，657 | 9,860 796,296 | $\begin{array}{r} 2,701 \\ 2,145,748 \end{array}$ |
| Dividends and interest from securities： <br> Number of returns <br> Amount $\qquad$ | $\begin{array}{r} 12,517 \\ 5,102,388 \end{array}$ | － | － | $\begin{array}{r} 3,703 \\ 42,294 \end{array}$ | $\begin{array}{r} 2,953 \\ 142,669 \end{array}$ | $\begin{array}{r} 1,154 \\ 102,334 \end{array}$ | 946，333 | $\begin{array}{r} 1,374 \\ 3,868,757 \end{array}$ |
| Gross rents： <br> Number of retums $\qquad$ <br> Amount | $\begin{array}{r} 12,216 \\ 1,298,963 \end{array}$ | $\begin{array}{r}\text { 567 } \\ \hline 79,312\end{array}$ | $\begin{array}{r}147 \\ \hline 43,096\end{array}$ | 2,651 $\mathbf{2 7 , 2 1 8}$ | 4,104 418,544 | 842 77,819 | 2.574 $\mathbf{2 1 9 , 4 5 3}$ | 1,328 433,516 |
| Rental expenses： <br> Number of returns <br> Amount | $\begin{array}{r} 5,695 \\ 781,032 \end{array}$ | $96,280$ | $\begin{array}{r}\text { 147 } \\ 47 \\ \hline\end{array}$ | 22，757 | $\begin{array}{r} 1,611 \\ 271,420 \end{array}$ | 49 7,584 | ¢， 107 90,773 | $\begin{array}{r}727 \\ \hline 244,627\end{array}$ |
| Net rental income（loss）： <br> Number of returns．． <br> Amount | $\begin{array}{r} 12,206 \\ 517,931 \end{array}$ | $\begin{array}{r} 567 \\ -16,967 \end{array}$ | 147 $-4,491$ | 2,651 4,461 | r $\begin{array}{r}4,104 \\ \text { 14，124 }\end{array}$ | $\begin{array}{r}\text { 842 } \\ \hline 70,235\end{array}$ | 2，573 128，679 | 1,318 188,889 |
| Other investment income： <br> Number of returns <br> Amount | 2，266 996,394 | 二 | 482 | 685 1,679 | 248 9,575 | 194 1,214 | 813 120,883 | 862，559 |
| Gross amount from sale of assets－securities： Number of returns Amount | $\begin{array}{r} 5,877 \\ 35,047,624 \end{array}$ | 二 | 二 | r 614 107.605 | － $\begin{array}{r}1,430 \\ \hline 45151\end{array}$ |  | $\begin{array}{r} 2,420 \\ 4,368,127 \end{array}$ | 29，932，745 ${ }^{\text {878 }}$ |
| Cost or other basis and seles expenses－securities： Number of returns． Amount $\qquad$ | $\begin{array}{r} 5,627 \\ 32,374,860 \end{array}$ | 二 | 二 |  | 1,430 336,675 | 259，504 | $\begin{array}{r} 2,275 \\ 4,060,785 \end{array}$ | $\begin{array}{r} 774 \\ 27,602,983 \end{array}$ |
| Gain（loss）－securtities： <br> Number of returns． <br> Amount | $\begin{array}{r} 5,877 \\ 2,62,764 \end{array}$ | 二 | 二 | － $\begin{array}{r}614 \\ -7,307\end{array}$ | 1,430 8,475 | $\begin{array}{r}\text { 34，493 } \\ \hline\end{array}$ | 2，422 307,342 | $\begin{array}{r} 876 \\ 2,329,762 \end{array}$ |
| Gross amount from sale of other assets： Number of returns． Amount | $\begin{array}{r} 6,172 \\ 1,258,098 \end{array}$ | $\begin{array}{r} 480 \\ 158,754 \end{array}$ | 480 <br> 937 | 二 | 1,765 53,960 | $\begin{array}{r}\text { 61，465 } \\ \hline\end{array}$ | 1,928 258,609 | 1,060 724,376 |
| Cost or other basis and sales expenses－other assets： Number of returns． Amount | $\begin{array}{r} 3,876 \\ 1,027,032 \end{array}$ | 480 431,819 | 二 | 二 | 832 <br> 9,963 | 352 28,641 | 126，386 | 825 430,589 |
| Gain（loss）－other assets： <br> Number of returns． <br> Amount． | $\begin{array}{r} 6,823 \\ 231,065 \end{array}$ | $\begin{array}{r} 480 \\ -273.064 \end{array}$ | 480 937 | 二 | 2,246 43,997 | $\begin{array}{r}454 \\ 32,818 \\ \hline\end{array}$ | 2,079 132,590 | r $\begin{array}{r}1,081 \\ 293,787\end{array}$ |
| Total gain（loss）from sale of assets： <br> Number of returns． <br> Amount | $\begin{array}{r} 11,022 \\ 2,003,830 \end{array}$ | $\begin{array}{r} 480 \\ -273,064 \end{array}$ | 480 937 | r <br> 614 <br> $-7,307$ | 2，948 $\mathbf{5 2 , 4 7 2}$ | $\begin{array}{r}\text { 67，} \\ \hline 686\end{array}$ | 3，854 439,932 | $\begin{array}{r} 1,657 \\ 2,623,549 \end{array}$ |
| Gross revenue－special fundraising events： <br> Number of returns <br> Amount | $\begin{array}{r} 15,946 \\ 1,641,390 \end{array}$ | 43 44 | 3，306 ${ }^{1}$ | 8,274 238，048 | $\begin{array}{r} 3,747 \\ 251,234 \end{array}$ | 2,099 309,188 | 1,550 610,065 | $\begin{array}{r} 230 \\ 229,501 \end{array}$ |
| Direct expenses： <br> Number of returns． <br> Amount | 13,644 <br> 741,843 | 438 | 3，303 ${ }^{\text {² }}$ | 7,313 126,336 | 3,061 115,340 | $\begin{array}{r} 1,792 \\ 122,013 \end{array}$ | 1,231 314,678 | 201 60,132 |
| Net income（loss）： <br> Number of returns． $\qquad$ <br> Amount | $\begin{gathered} 16,144 \\ 899,545 \end{gathered}$ | 43 | 3 | r $\begin{array}{r}8,377 \\ 111,711\end{array}$ | $\begin{array}{r} 3,747 \\ 135,893 \end{array}$ | r 2 2，099 | 1,652 295,387 | － $\begin{array}{r}\text { 229 } \\ 16968\end{array}$ |
| Gross sales minus returns and allowances： Number of returns． <br> Amount． | $\begin{array}{r} 13,891 \\ 7,960,114 \end{array}$ | 5，969 | 961 27，098 | 4,050 105,385 | $\begin{array}{r} 4,770 \\ \mathbf{2 2 2 , 2 0 4} \end{array}$ | ［1，348 | $\begin{array}{r} 1,299 \\ 1,272,873 \end{array}$ | $\begin{array}{r} 829 \\ 6,184,169 \end{array}$ |
| Cost of goods sold： <br> Number of returns <br> Amount | $\begin{array}{r} 12,903 \\ 2,979,252 \\ \hline \end{array}$ | $6.21{ }^{6}$ | －21，544 | 3，569 $\mathbf{5 9 , 3 9 3}$ | $\begin{array}{r} 4,769 \\ 151,452 \end{array}$ | 1,142 133,435 | 1,775 641,911 | $\begin{array}{r} 683 \\ 1,965,302 \end{array}$ |
| Gross profit（loss）： <br> Number of returns <br> Amount | $\begin{array}{r} 13,846 \\ 4,880,862 \end{array}$ | －244 | 5，564 | 4，050 45,991 | 4,770 70,752 | 1,348 <br> 8,979 | 1,885 630,962 | $\begin{array}{r} 828 \\ 4,218,866 \end{array}$ |
| Other revenue： Number of returns．．． Ambunt $\qquad$ | $\begin{array}{r} 37,728 \\ 9,410,072 \end{array}$ | $\begin{array}{r} 524 \\ 1,280 \end{array}$ | 398 | $\begin{array}{r} 11,467 \\ 108,399 \end{array}$ | $\begin{array}{r} 11,177 \\ 162,297 \end{array}$ | $\begin{array}{r} 4,013 \\ 199,989 \end{array}$ | $\left.\begin{array}{r} 8,078 \\ 877,052 \end{array} \right\rvert\,$ | $\begin{array}{r} 2,465 \\ 8,060,653 \end{array}$ |
| Total expenses ．．．．．．．．．．． | 181，288，552 | 7，917 | 9，420 | 1，657，860 | 5，164，421 | 4，247，539 | 33，777，958 | 136，433，435 |
| Program services： <br> Number of returns <br> Amount | $\begin{array}{r} 68,978 \\ 151,667,591 \end{array}$ | 567 914 | 962 8,890 | 25，440 $\mathbf{1 , 2 3 1 , 8 1 3}$ | 19,587 $3,914,889$ | $\begin{array}{r}6,515 \\ \hline 3,350,703\end{array}$ | 12,658 $27,995,724$ | 115，164，454 |
| Management and general： <br> Number of returns <br> Amount | $\begin{array}{r} 59,731 \\ 27,424,768 \end{array}$ | 6，970 |  | $\begin{array}{r} 21,594 \\ 388,647 \end{array}$ | $\begin{array}{r} 17,698 \\ \hline 1,003 \end{array}$ | 6,368 801,427 | 10,821 $5,072,081$ | $\begin{array}{r} 2,724 \\ 20,074,638 \end{array}$ |
| Fundraising： <br> Number of returns <br> Amount | $\begin{array}{r} 17,522 \\ 1,651,038 \end{array}$ | － | 392 | $\begin{array}{r}4,531 \\ \hline 3,399\end{array}$ | 5,574 61,843 | 2,151 80,725 | $\begin{array}{r} 4,035 \\ 524,439 \end{array}$ | $\begin{array}{r} 1,228 \\ 946,239 \end{array}$ |
|  | $\begin{array}{r} 3,113 \\ 555,154 \\ \hline \end{array}$ | $\begin{array}{r} 480 \\ 32 \\ \hline \end{array}$ | 480 38 | 二 | $\begin{array}{r} 730 \\ 106.585 \end{array}$ | $\begin{array}{r} 665 \\ 14,683 \end{array}$ | $\begin{array}{r} 655 \\ 185,712 \\ \hline \end{array}$ | $\begin{array}{r} 80 \\ 248,102 \end{array}$ |

＇Excluding Private Foundations．
ote：－Indicates not reported．

Table 4. - Returns of Tax-Exempt 501(C)(3) ${ }^{1}$ Organizations with Total Functional Expenses by Slze of Total Contributions Recelved, 1982
[All figures are estimates based on samples - money amounts are in thousands of dollars]


[^7]Note: - Indicates Not Reported.
Dotali may not add to total because of rounding.

## Individual Income Tax Rates, 1983

By Daniel Holik*

The Economic Recovery Tax Act of 1981 introduced major changes in the rate schedules used to compute individual income taxes, providing for annual cuts in tax rates through Tax Year 1984 [1]. Individual income tax rate data for Tax Year 1983 reflect the impact of the third year of tax rate cuts [2]. The average tax rate on returns that showed a tax fell from 15.4 percent of adjusted gross income (AGI) for 1982 to 14.4 percent for 1983 (Figure A). The average total income tax reported per return for 1983 was $\$ 3,514$, a $\$ 90$ decrease from 1982, as shown in Figure B.

The AGI class of the median taxable return for the 1983 statistics remained the same as for 1981 and 1982--between $\$ 17,000$ and $\$ 19,000$, even though the adjusted gross income reported on taxable returns [3], rose by $\$ 91.4$ billion
(5 percent) from Tax Year 1982 to Tax Year 1983. For further information on the number of returns, income tax, and average tax by size of AGI, see Table 3 of the Selected Statistical Series at the end of this report.

## CALCULATION OF TAXES FOR 1983

For Tax Year 1983, taxpayers used one of four different tax rate schedules [4], depending on the taxpayer's filing status. There were separate schedules for: married persons filing joint returns [5]; married persons filing returns separately from their spouses; individuals qualifying as heads of households; and single individuals. Each schedule contained rates ranging from 0 through 50 percent [6].

Figure A.--Taxable Returns: Adjusted Gross Income, Total Income Tax, Average Total Income Tax, and Average Tax Rate, 1979-1983

| Item | Tax year |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1979 | 1980 | 1981 | 1982 | 1983 |
|  | (1) | (2) | (3) | (4) | (5) |
| Total number of returns... | 92,694,302 | 93,902,469 | 95,396,123 | 95,337,432 | 96,321,310 |
| Taxable returns: <br> Number of returns. $\qquad$ | 71,694,983 | 73,906,244 | 76,724,724 | 77,035,300 | 78,016,323 |
| Adiusted gross income (billions)..... | \$1,402 | \$1,556 | \$1,721 | \$1,804 | \$1,895 |
| Total income tax (billions).......... | 214 | 250 | 284 | 278 | 274 |
| Average total income tax (dollars)... | 2,992 | 3,387 | 3,703 | 3,604 | 3,514 |
| Average tax rate........................ | 15.3\% | 16.1\% | 16.5\% | 15.4\% | 14.4\% |

NOTE: The average total income tax per return and average tax rate were calculated before rounding. Average tax rate was computed as a percent of adjusted gross income.

[^8]Figure B.
Taxable Returns: Average Tax Rate and Average Total Income Tax, 1979-1983


Dollars Per Return


The application of different tax rates from a schedule to a particular return is illustrated in Figure $C$, which shows how tax was calculated for 1983 for a married couple filing a joint return with a $\$ 22,000$ AGI. Taxpayers who filed joint returns for 1983 had a tax rate of zero percent applied to the first $\$ 3,400$ of taxable income [7,8], a rate of 11 percent applied to the next $\$ 2,100$, a rate of 13 percent applied to the next $\$ 2,100$, and so forth.

Figure C.--Calculation of Tax, Joint Return With Income Subject to Tax at Regular Rates, 1983

Adjusted gross income ...................... \$22,000
Exemption amount ( $2 \times \$ 1,000$ ) .......... -2,000
Taxable income. . . . . . . . . . . . . . . . . . . . . . . . . $\$ 20,000$

> Derivation of Tax Computed from the Tax Rate Schedule:

| First | \$3,400 taxed at 0\% | \$0 |
| :---: | :---: | :---: |
| Next | \$2,100 taxed at 11\% | 231 |
| Next | \$2,100 taxed at 13\% | 273 |
| Next | \$4,300 taxed at 15\% | 645 |
| Next | \$4,100 taxed at 17\% | 697 |
| Next | $\$ \$ 4,000 \text { taxed at } 19 \%$ | 760 |
| Tax |  | \$2,606 |

To simplify tax computation and reduce errors, taxpayers with less than $\$ 50,000$ of taxable income and who did not "income average" were required to use the 1983 Tax Table instead of the tax rate schedules to determine tax. The tax shown in the Tax Table is equal to the tax on the midpoint of the income bracket, as calculated from the appropriate tax rate schedule, rounded to the nearest whole dollar. According to the 1983 Tax Table, the tax for married taxpayers filing a joint return with $\$ 20,000$ to $\$ 20,050$ of income was $\$ 2,611$. Note that in this example, the Tax Table tax shown is greater than the tax computed from the tax rate schedule (Figure C), since the tax table tax was computed on the midpoint $(\$ 20,025)$ of the $\$ 20,000$ to $\$ 20,050$ income bracket.

The regular and income averaging methods of tax computation were the only methods of tax computation available for Tax Year 1983 [4, 8]. Choice of the income averaging computation permitted part of an unusually large amount of income for 1983 to be taxed at lower rates, thus resulting in a lower amount of tax due than would have resulted if taxpayers had computed their tax using the regular method. If the income averaging computation was used, the income tax before credits had to be computed from the tax rate schedules rather than the Tax Tables.

Marginal Tax Rates
As shown in Figure C, a particular return can have portions of income taxed at different rates. However, each return has only one marginal tax rate, which is the highest tax rate applied to that return. In Figure C, the taxpayers had portions of income taxed at six tax rates ranging from 0 percent to 19 percent. The marginal tax rate is the highest rate used, in this instance 19 percent.

Marginal tax rate data for Tax Year 1983 are presented in Tables 1 and 2 [8]. Returns are classified by two different methods in Table 1. In columns 1 through 9, a return is classified by the marginal or highest rate. For example, Table 1, line 7, column 1, shows that there were 1,187,845 returns for which the marginal tax rate was 18 percent, while columns 5 and 6 show that, for these returns, the amount of tax generated at the 11 through 18 percent rates totaled $\$ 1.3$ billion and the amount of tax generated solely at the marginal rate of 18 percent totaled $\$ 0.3$ billion. (Note that dollar amounts presented in this section and in the tables were rounded during statistical processing.) In columns 10 through 12, a return is classified by each rate that generated a tax. For example, line 7, columns 10, 11, and 12, shows that $4,114,060$ returns had income taxed at the 18 percent rate; $\$ 10.8$ billion of this income was taxed at the 18 percent rate and $\$ 1.9$ billion of income tax was generated at the 18 percent tax rate, respectively.

The amount of tax generated by each specific tax rate, ranging from 11 to 50 percent, as well as the corresponding number of returns and the amount of income subject to tax, are presented in Table 2 . These data are classified by size of AGI. For example, line 9, columns 1, 7, 8 and 9, show that of the 4,967,333 returns with an AGI between $\$ 14,000$ and $\$ 16,000$ and with income subject to tax, 4,942,255 returns had a portion of income taxed at the 11 percent rate (just to pick one rate). These $4,942,255$ returns had $\$ 8.2$ billion of income subject to tax at the 11 percent rate, which generated $\$ 0.9$ billion of tax.

## Definitions

Individual income tax concepts are complex, and complete definitions of all tax concepts are beyond the scope of this article. Extensive definitions of the technical terms used in this article and tables--for example, taxable income, tax generated and income averaging, may be found in the Statistics of Income report for 1983. The following list presents brief definitions of the major tax concepts discussed in this article.

Adjusted Gross Income. --Adjusted gross income (AGI) was computed by subtracting statutory adjustments (primarily business, investment or employee-related deductions, such as payments to an IRA), from total income recognized under the tax code. Total income, in turn, included only the net amounts from salaries and wages, business income, capital gains, rents, royalties, etc.

Total Income Tax.--Total income tax was the sum of income tax after credits and the additional tax for tax preferences (primarily the alternative minimum tax).

Average Tax Rate. --The average tax rate presented in this article was the ratio of total income tax to AGI.

Marginal Tax Rate. --The marginal tax rate was the highest tax rate applied +0 any portion of income from a return.

Income Subject To Tax. --Income subject to tax was the technical term used to describe the actual tax base computed for the statistics. For taxpayers using the regular tax computation method, income subject to tax was identical to "taxable income" (AGI less_the-personal exemption amount and allowable itemized deductions). For taxpayers using the income averaging method, income subject to tax was specially computed for the statistics by working backwards from the tax and imputing an income from the tax reported as if income averaging had not been used.

Tax Generated.--This was the tax computed from the tax rate schedules on the amount of income subject to tax shown in the statistics. For most returns (those without one of the "taxes from special computations") [9], tax generated equalled income tax before credits.

## DATA SOURCES AND LIMITATIONS

These statistics are based on a sample of individual income tax returns, Forms 1040, 1040A, and 1040EZ, filed with the Internal Revenue Service in 1984. Returns in the sample. were stratified based on the presence or absence of Schedule $C$, Profit (or Loss) from Business or Profession; state for which filed; adjusted gross income or deficit, or largest of selected sources of income or loss; and size of business plus farm receipts. Returns were selected at rates ranging from 0.03 percent to 100 percent, resulting in 122,977 returns being selected from a population of $96,563,687$.

Because the data presented in this article are estimates based on a sample, they are subject to sampling, as well as nonsampling, error. To make proper use of the statistical data provided, one must know the magnitude of the potential sampling error.

The following table presents approximate coefficients of variation (CV's) for frequency estimates. The approximate $C V^{\prime}$ s shown here are intended only as a general. indication of the reliability of the data.

For a number other than those shown, the corresponding CV's can be estimated by interpolation.

Number of Returns $\quad \cdot$| Coefficient of |
| ---: |
| Comproximat |

The reliability of estimates based on samples, the use of coefficients of variation for evaluating the precision of sample estimates, and nonsampling error considerations are discussed in the Appendix.

## NOTES AND REFERENCES

[1] The Economic Recovery Tax Act of 1981 also provided for indexing of the Tax Rate Schedules and the exemption amount, beginning with Tax Year 1985.
[2] For further information on tax law changes for 1983, see the Statistics of Income report for 1983.
[3] A return was considered to be taxable if "total income tax" (the sum of income tax after credits and additional tax for tax preferences) was present. "Total income tax" did not include other taxes, such as tax from recomputing prior-year investment credit, self-employment tax, Social Security tax on tips, etc.
[4] In addition, certain income and deduction items, described as "tax preferences," were given special treatment in the computation of tax, and were subject to the alternative minimum tax instead of tax computed from the tax rate schedules. For Tax Year 1983, the alternative minimum tax, if any, was imposed on "alternative minimum taxable income" at a 20 percent rate.
[5] Taxpayers claiming surviving spouse status used the same tax rate schedule as married taxpayers filing joint returns.
[6] The 1983 tax rate schedules were published in the 1983 Instructions for Preparing Form 1040, page 41.
[7] Tables 1 and 2 use the concept of "income subject to tax" as well as "taxable income." Technical explanations of "taxable income" and "income subject to tax" are presented in the Definitions Section of this article.
[8] Tables 1 and 2 use the concept of income subject to tax, and include returns with the regular or the income averaging tax computation. For returns with the regular method of tax computation, income subject to tax was the amount taxpayers used with the tax tables or the tax rate schedules to determine tax. Income averaging returns are shown in the same manner as returns with the regular tax computation, except that an imputed income subject to tax that does not take averaging into account is
used for the sake of simplifying statistical processing in determining the marginal tax rate.

Tables 1 and 2 do not include any tax attributable to the alternative minimum tax. This tax was computed on a different base. For further information on the alternative minimum tax, see the Statistics of Income report for 1983.
[9] Taxes from special computations included Section 72 penalty tax from premature or excess distributions from a self-employed retirement (Keogh) plan or a trust, tax on accumulation distributions of trusts, and the tax on the ordinary income part of lump-sum distribution.

Table 1 - Income Subject to Tax and Tax, Classified by Both the Marginal Rate and Each Rate at Which Tax was Computed (All figures are estimates based on samples - money amounts are in thousands of dollars)

| Tax rate classes | I All returns |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Classitied by the highest marginal] rate at which tax was computed |  |  |  |  |  |  |  |  | Classitied by each rate at which tax was computed |  |  |
|  | $\begin{aligned} & \text { Number } \\ & \text { returns } \end{aligned}$ | Adjusted grossincome | income subiject to tax |  | Tax generated |  | Income tax attor crodits |  |  | $\begin{gathered} \text { Number } \\ \text { ofourns } \end{gathered}$ | $\underset{\substack{\text { inceme taxed } \\ \text { nite }}}{\substack{\text { rate }}}$ | Income tax generatedat rate at rat |
|  |  |  | At all rates | At marginal rate | At all rates | At marginal rate | Total | As a a percent <br> of aajusted <br> gross income | As a percent of income subject to ta |  |  |  |
| All marginal rates | (1) | (2) | (3) |  | (5) | $71,335,843$ | (7) | (8) | (9) |  | $\frac{\text { (11) }}{1,538,238,251}$ | (12) |
|  | 90,818,724 | 1,957,193,414 | 1,538,238,251 | $239,241,583$ | 279,043,943 |  | 271,627,294 | 13.9 | 17.7 | 90,816,724 |  | 279,043,943 |
| 0 percent. | $10,241,631$ | 37,194,104 | 13,714,544 | 13.714 .544 <br> 5 <br> 5 <br> 173.116 | 565.75 | 43 | 13.211 | 1 | 0.1 | 90.816 .724 | 244,629,400 | 145490-7 |
| 13 percent | 5.785.666 | 46,705,993 | 30.002.854 | 4.664.165 | 1.658,746 | 606,341 | 1,366,675 | 2.9 | 4.7 | ${ }^{80,575,093}$ | 132.263.809 | 14,5499019 |
| 15 percent | 14.132.745 | 146.167.801 | 107.581.130 | 27,433,935 | 9,172,706 | 4,115,090 | 8,694,261 | 5.9 | 8.1 | 68,115,475 | 246,393.466 | 15.557 .745 <br> 36.959 .020 |
| 17 percent | 8,330,386 | 130,960,131 | 100,516,110 | 13,686,606 | 10.859,747 | 2,326,723 | 10,434,065 | 8.0 | 10.4 | 49.868.670 | 158.951.639 | 36,9291,779 |
| 18 percent | 1,187,945 | 16,032, 172 | 12.093,591 | $1.759,340$ | $1,306,750$ | 316.681 | 1,139.362 | 7.1 | 9.4 | 4.114.060 | 10,830,606 | 1,949,509 |
| 19 percent | 9,101.399 | 181,560,055 | 142,611,434 | 15.673.570 | 17,678,780 | 2,977,978 | 17.009.073 | 9.4 | 11.9 | 44,464,499 | 138,879,349 | 26,397,076 |
| 21 percent | 2,882,329 | 48,418,213 | 41,796,729 | 3.314,801 | 5,680,707 | 696,108 | 5.585.574 | 11.5 | 13.4 | 12.744,724 | 25,424,398 | 5,339,124 |
| ${ }_{23} 3$ percent | 5.625.610 | 161.036,492 | 125,239,845 | 12,383,546 | 17.617.109 | 2,848.216 | 17.092.512 | 10.6 | 13.6 | 22,618,376 | 86,656,833 | 19,931,072 |
| 24 percent | 2,679.437 | 50.199.334 | 44,327.567 | 4.136.012 | 6.610,080 | 992.643 | 6.583,097 | 13.1 | 14.9 | 8,590,970 | 23,052,918 | 5,532,700 |
| 25 percent. | 717.738 | 18.204 .550 | 14,797.002 | 1,734,170 | 2.351 .094 | 433.543 | 2,270,973 | 12.5 | 15.3 | 1,271,425 | 4,668,711 | 1.167.178 |
|  | 5,624.855 | 190,928,162 | 151,582,127 | 14.043, 195 | 24,089,005 | 3,651,231 | ${ }^{23.485 .988}$ | 12.3 | 15.5 | 16.992.766 | 73,876,374 | 19,207.857 |
| ${ }^{28} 29$ percent | 2,862,298 | 66,881,624 | 59,050,136 | 6.956,312 | 10,146,846 | 1,947.767 | 10.077.198 | 15.1 | 17.1 | 5,911,533 | 23,117,258 | 6,472,832 |
| 29 percent <br> 30 percent | 298,858 $4.197,001$ | $\begin{array}{r} 9,332,863 \\ 166.949 .150 \end{array}$ | $7.691,227$ $135,097.874$ | 668,064 10.247 .255 | $\begin{array}{r}\text { 1, } \\ \text { 24.092.192 } \\ \hline\end{array}$ | 193.739 <br> 3.074 .176 | $\begin{array}{r}1.352,983 \\ 23.495,365 \\ \hline\end{array}$ | 14.5 14.1 | 17.6 174 | 553.687 | 2,018,658 | 585,411 |
| 32 percent | 1.580 .014 | 46, 353,36 | 40,792.587 | 3.662.258 | 8.042.609 | 1.171.923 | 7.998 .022 | 173 |  |  |  |  |
| 34 percent | 122.785 | 4,649,393 | 3,831.577 | ${ }^{295} .369$ | 7,79,852 | 100,425 | 756.403 | 16.3 | 19.7 | $3.049,235$ <br> 254.829 | 11.449 .130 995.202 | 3.663,722 |
| 35 percent | 4,049.996 | 196,355,444 | 159,351.255 | 17,560,058 | 32,826,448 | 6,146.020 | 32.249.623 | 16.4 | 20.2 | 7.170 .110 | 50,266,506 | 17.593,277 |
| 36 percent | 672,438 | 23,963,829 | 20,825,898 | 1.459,684 | 4.590.018 | 525,486 | 4.547.252 | 19.0 | 21.8 | 1.469.221 | 5,682,634 | 2.045 .748 |
| 37 percent. | 80.667 | 3.679,286 | 3.067.025 | 316.280 | 708.750 | 17.024 | 702,080 | 19.1 | 22.9 | 132,044 | 860.876 | 318.524 |
| 40 percent. | 2.068 .920 | 122,911,744 | 100,207.344 | 10,636.295 | 24,561,001 | 4,254,518 | 24,128,382 | 19.6 | 24.1 | 3,916.897 | 33.765.855 | 13,506,342 |
| 44 percent | 842,641 | 72,073,205 | 57,489,163 | 7,905,237 | 16.692.556 | 3,478,304 | 16,281,626 | 22.6 | 28.3 | 1,477.672 | 23,729,807 | 10,441,115 |
| 45 percent | 236,934 | 13,279,935 | 11.122,593 | 1,289,832 | 3,165,958 | 580,424 | 3.132.775 | 23.6 | 28.2 | 421,682 | 3,839,354 | 1,727.709 |
| 48 percent. | 261,970 | 30,712,886 | 24.437.534 | 2.574.981 | 8,191.408 | 1.235.991 | 7.959,303 | 25.9 | 32.6 | 635.031 | 11,307,825 | 5,427,756 |
| 50 percent. | 557.809 | 132.465,882 | 108,122.560 | 57.952.957 | 46,267.725 | 28,976.479 | 44,882,278 | 33.9 | 41.5 | 557,809, | 57,952,957 | 28.976.479 |

Table 1 - Income Subject to Tax and Tax, Classified by Both the Marginal Rate and Each Rate at Which Tax was Computed-Continued (All figures are estimates based on samples - money amounts are in thousands of dollars)


Footnote(s) at end of table.
Table 1 - Income Subject to Tax and Tax, Classified by Both the Marginal Rate and Each Rate at Which Tax was Computed - Continued


Table 1 - Income Subject to Tax and Tax, Classified by Both the Marginal Rate and Each Rate at Which Tax was Computed - Continued (All figures are estimates based on samples - money amounts are in thousands of dollars)


Table 1 - Income Subject to Tax and Tax, Classified by Both the Marginal Rate and Each Rate at Which Tax was Computed - Continued

Reiturns of single persons


Estumate shoutd be used with caution because of the small number of sample returns on which it is based
(1) Less than 0.05 per

NOTE: Delaal may not add to total because of rounding.

Table 2 - All Returns With Income Subject to Tax: Tax Generated by Rate and by Size of Adjusted Gross Income
$\stackrel{\text { (All figures are estimates based on samples - money amounts are in thousands of dollars) }}{ }$


Table 2 - All Returns With Income Subject to Tax: Tax Generated by Rate and by Size of Adjusted Gross income - Continued
(All figures are estimates based on samples - money amounts are in thousands of dollars)

Table 2 - All Returns With Income Subject to Tax: Tax Generated by Rate and by Size of Adjusted Gross Income - Continued (All figures are estimates based on samples - money amounts are in thousands of dollars)


## Private Activity Tax-Exempt Bonds, 1984

By Phil Clark*

The dollar volume of long-term private activity tax-exempt bonds [1] reached $\$ 74$ billion in Calendar Year 1984, up from $\$ 57.3$ in 1983. These bonds were issued for the direct benefit of private businesses, organizations, and individuals and accounted for 64 percent of the long-term tax exempt bond volume. The 1984 figures extended a trend in which private pur-
pose bond volume increased from $\$ 8.9$ billion in 1975 ( 29 percent of the volume) to its highest level ever in 1984. Figure A shows the growth of long-term private purpose bond volume over the last 10 years [2].

This article reports information on three types of private activity bonds: industrial

Figure A
Long Term Tax-Exempt Bond Volume, 1975-1984


[^9]development bonds (IDB's), private exempt entity bonds, and student loan bonds. Detailed data on these bonds are available only for 1983 and 1984, as a result of an information reporting requirement enacted by Congress as part of the Tax Equity and Fiscal Responsibility Act of 1982 . (Similar information will be available for a fourth type of private activity bond, mortgage subsidy bonds, beginning with bonds issued in 1985.).

The total long-term volume of 1984 bonds of the types specified was $\$ 59$ billion [3], an increase of 30 percent over 1983. The largest portion of the total volume, $\$ 18$ billion or 31 percent, was for small issue IDB's. IDB's are issued by state and local governments to provide below-market rate financing for a wide range of private development (see Definitions). Twenty percent of the volume, or $\$ 11.7$ billion, was issued for so-called private exempt entities which are primarily private, nonprofit medical facilities and colleges.

Figure B compares new issue volume (the purchase price of the bond less any amount of proceeds being used to retire existing obligations) for private activity bonds in 1983 and 1984. Figure $B$, as well as other tables in this article that present data for 1983 - ss su ances, reflects minor revisions to previously published 1983 figures due to the inclusion of late filed returns [4]. Overall, new issue volume increased by more than one-third from 1983 to 1984, the largest jumps coming in sewage and waste disposal bonds, which nearly quadrupled, and pollution control facility bonds, which more than doubled. Small issue industrial development bond volume increased by one-quarter.

## BACKGROUND

The original intent of the Federal income tax exemption for interest on state and local bonds was to provide a subsidy for government projects, such as highways, by making it possible to obtain funding at lower interest costs. The shifting of these bonds towards nongovernment uses has prompted the Federal Government to re-examine its policies in this area. While private purpose bonds allow state and local governments to promote economic development and housing in their jurisdictions while incurring little or no costs themselves, these bonds shift investment dollars away from other revenue-producing alternatives, and this results in a significant loss of Federal tax revenue.

It is estimated that the exemption from taxation of the interest from private purpose bonds issued in 1984 will result in revenue losses amounting to $\$ 38.8$ billion over the term of the bonds [5]. This revenue loss is, in effect, the cost of a Federal subsidy for state and local activities. Recent studies, however, suggest that this may not be the most efficient method of promoting these activities.

It is estimated that the ${ }^{-}$interest cost ${ }^{-}$savings to the state or local authority is less than the revenue loss to the Federal Government [6]. The difference goes not to the targeted activity, but to Federal taxpayers, usually in the upper income brackets, or other entities who hold the bonds. As a point of comparison, another cormmon Federal subsidy for state and local activity, grants-in-aid, is nearly totally efficient with only a small fraction of the subsidy going to administrative costs.

Figure B.--New Issue Private Activity Bond Volume, 1983-84
[Millions of dollars]


The use of tax-exempt bonds for private purposes may also have other undesirable effects. By increasing the total supply of tax-exempt obligations, the proliferation of private activity bonds causes interest rates on all tax-exempt instruments to rise in order to attract potential investors. These higher interest rates raise the cost of financing traditional government activities such as constructing schools, roads, and sewers [7].

Concern over these issues, coupled with the dramatic increase in private activity bond volume, prompted Congress to place a number of limitations on such bonds in the 1980's. As mentioned above, the Tax Equity and Fiscal Responsibility Act of 1982 required issuers of IDB's, private exempt entity bonds and student loan bonds to file a report with the IRS. The Deficit Reduction Act of 1984 extended that reporting requirement to cover mortgage subsidy bonds issued after 1984, and established a state-by-state volume limitation on certain obligations issued after December 31, 1983. This cap covered all private activity bonds except those issued for private exempt entities; multi-family residential rental housing projects; and certain airport, dock, convention, and refunding bonds. Each state's limit is the greater of $\$ 150$ per capita ( $\$ 100$ per capita after 1986) or $\$ 200$ million. States which exceeded this level in 1983 were allowed a phase-in during 1984 based on 1983 bond volume [8]. Because the cap was not retroactive in nature, it did not apply to bonds for which inducement resolutions were adopted before June 19, 1984 (nor to certain other "grandfathered" obligations). Therefore, definitive data on which bonds were subject to the cap were not available from the information returns.

Current proposals being considered by the Congress include (1) extension of the reporting requirement to include all tax exempt bonds, and (2) the elimination of the tax exemption for the interest on all state and local bonds issued primarily for the financing of nonpublic activities.

## DATA ANALYSIS

A total of 14,142 information returns were filed for bonds issued in 1984. This article concentrates on the dollar volume of the bond issuances, rather than the number of returns filed because the number of returns is not an accurate reflection of the number of private activities financed with tax-exempt bonds. Multiple returns for a single activity may be filed when a bond is refunded, especially in the case of short-term obligations that have maturities of as little as one day. On the other hand, some returns included descriptions of many activities (multiple lot issues), which reduced the number of returns filed.

Table 1 shows the face amount and new issue volume by type of private activity bond. Industrial development bonds are shown by type of activity. The bonds are further categorized into short-term obligations (obligations that have average maturities of a year or less) and long-term obligations. Shown in columns 4, 5, and 6 is the new issue volume. For instance, a bond issue with a $\$ 100$ million purchase price sold to refund a $\$ 95$ million outstanding obligation would count as $\$ 5$ million of new issues. New issue volume, therefore, represents the net increase in private activity bonds (excluding nonrefunded retirements).

Table 2 shows the aggregate face amount, purchase price, and lendable proceeds for longterm private activity bonds, as well as the issuance costs and the amounts allocated to reserve or replacement funds. Lendable proceeds of IDB's are required to be used primarily to purchase land and depreciable property. A minor portion of the lendable proceeds can be used for other purposes, such as working capital. Table 3 shows, for long-term IDB's, the allocation of non-refunding lendable proceeds. Certain types of depreciable property placed in service after March 15, 1984, fell into a new class, 18 -year property. As there was no line on the return for this recovery class, filers usually included it with 15-year property or, to a lesser extent, "other property." Of the proceeds, 91 percent were used to finance depreciable property, 5 percent for land, and 4 percent for other property.

Issuers of private exempt entity bonds, industrial park IDB's, and small issue IDB's were required to provide information on the industrial classification of the initial principal users of the projects being financed. Table 4 shows the classification by industry for these bonds. Private hospitals and educational facilities accounted for 96 percent of the total exempt entity bond volume on those returns for which the industrial activity was actually reported. Small issue IDB's were used most frequently for manufacturing ( 35 percent), followed by real estate ( 23 percent), and services (18 percent). Industrial park bonds were primarily used to finance real estate.

Figure $C$ shows the percent of the total face amount for small issue IDB's in each of the four largest industrial classifications, for 1983 and 1984. Only those returns that reported an industry are included in the computations. The data indicate a slight shift away from trade and services into manufacturing and real estate.

Small issue IDB's are limited to $\$ 1$ million per user per county or $\$ 10 \mathrm{million}$, if capital expenditures on the project do not exceed $\$ 10$ million over a 6 -year period ( $\$ 25$ million in the case of Urban Development Action Grant

Figure C.--Industrial Classification of Small Issue IDB's, 1983-84

| Industry | Percent of total face amount |  |
| :---: | :---: | :---: |
|  | 1983 | 1984 |
| All Industries | 100.0\% | 100.0\% |
| Manufacturing | 31.6 | 35.4 |
| Trade ...... | 16.8 | 15.0 |
| Real Estate | 20.5 | 23.2 |
| Services | 23.9 | 18.5 |
| Other | 7.2 | 7.9 |

assisted projects). The $\$ 10$ million limit was raised from $\$ 5$ million in 1979 . It has been speculated that raising the limit sparked the rapid growth of small issue IDB's.

Table 5 shows the size distribution of small issue IDB's. Thirty-two percent of small issue IDB volume ( 7.2 percent of the returns) was from bond issues with face amounts from $\$ 5$ million to $\$ 10$ million. Only 16.1 percent of the volume (but 56.5 percent of the returns) was from issues of $\$ 1$ million or less. The mean size of the face amounts on small issue IDB's increased by' 16 percent from 1983, to $\$ 1.7$ million.

Table 6 shows the total new issue volume by type of bond for each state. Legislation in 1984 extended the information return filing requirement to private activity bonds issued by the District of Columbia, Guam, Puerto Rico, and the U.S. possessions after 1983.

Figure $D$ shows the percent change in new issue volume from 1983 to 1.984 for each of the
nine Census divisions that make up the United States. Overall new issue volume increased by 34.7 percent, with above average growth occurring in areas east of the Ohio Valley and south of New England.

## SUMMARY

Private activity bond issues provide a reduction in borrowing costs for businesses, nonprofit organizations, and individuals. The implicit Federal interest subsidy directs the allocation of the Nation's resources toward activities benefiting from this type of financing. One of the effects of private activity bonds is an increase in tax-exempt interest rates. Higher tax-exempt interest rates increase the borrowing costs of financing traditional government projects and may result in delay or cancellation of some public projects. In addition, the tax exemption of interest income from private activity bonds reduces Federal income tax receipts as long as the bonds are outstanding. Concern over the rapid growth of tax-exempt bonds used for private purposes led Congress to institute an information reporting requirement for the issuers of such bonds and to place a state volume_limitation_on-certain-types-of-them. Despite these concerns, levels of private activity bond volume reached an all-time high in 1984.

1984 is only the second year for which comprehensive data have been available on the volume, uses, and maturities of private activity bonds. Comparisions between 1983 figures and those for 1984 indicate a growth in the usage of such bonds in nearly all industrial sectors and geographical areas of the United States. In fact, the issuance of private acti-

Figure D.--New Issue Private Activity Bond Volume, By Region, 1983-84
[Millions of dollars]

| Region | 1983 | 1984 | Percent change |
| :---: | :---: | :---: | :---: |
|  | (1) | (2) | (3) |
| Total | \$39,110 | \$52,674 | 34.7\% |
| New England | 2,387 | 2,776 | 16.3 |
| Middle Atlantic | 5,578 | 9,150 | 64.0 |
| East North Central | 5,109 | 6,596 | 27.1 |
| West North Central | 3,536 | 3,861 | 9.2 |
| South Atlantic | 7,014 | 11,999 | 71.1 |
| East South Central | 2,404 | 3,486 | 45.0 |
| West South Central | 5,035 | 6,366 | 26.4 |
| Mountain | 3,538 | 3,515 | - 0.7 |
| Pacific | 4,429 | 4,813 | 8.7 |
| Other areas | -- | 113 | N/A |

N/A - Not applicable.
vity bonds grew more rapidly in 1984 than traditional governmental purpose bonds, so that they accounted for 63 percent of total longterm tax-exempt bond volume (up from 61 percent in 1983).

## DATA SOURCES AND LIMITATIONS

Form 8038, Information Return for Private Activity Bond Issues, is required to be filed with the Internal Revenue Service for all student loan, private exempt entity, and industrial development bonds. The return is due within 45 days after the end of the calendar quarter in which the bond is issued. All of the 1984 data in this article were extracted from the 14,142 returns filed for 1984.

Because the entire population of Forms 8038 was used for this study, there was no sampling error. There was, however, a certain amount of filer and processing error. Throughout the processing of the forms, a number of checks were performed to ensure that each return was internally consistent, and to exclude duplicate and amended returns. Both automatic and manual correction routines were performed to balance return data and to supply data missing from the returns. Despite these efforts, a small number of returns remained with missing or inconsistent data. This necessitated that a portion of the data (e.g., in Table 3) be expressed in percentages rather than as aggregate figures.

## DEF INITIONS

Private Activity Bonds.--For the purposes of this article, consists of industrial development bonds, private exempt entity bonds, and student loan bonds. This differs from the Internal Revenue Code definition, which excludes private exempt entity bonds, multifamily housing bonds, and certain bonds for government-owned property.

Industrial Development Bonds.--State or local government obligations, all or a major portion of the proceeds of which are used in a private trade or business, with payments of principal and interest secured by the property used in a private trade or business. In general, IDB's can finance certain specified activities in unlimited amounts. In addition, under the small issue exemption, almost any private trade or business can finance depreciable property or land with an IDB if the bond's face amount does not exceed $\$ 1$ million, or $\$ 10$ million with certain limits on capital expenditures.

Student Loan Bonds.--State or local government obligations issued to finance the education expenses of individuals.

Private Exempt Entity Bonds.--State or local government obligations, issued for tax-exempt charitable, religious, education, and similar organizations (described in Internal Revenue Code Section 501(c)(3), but primarily for private, nonprofit medical facilities and colleges.

## NOTES AND REFERENCES

[1] The term "private activity bonds," as used here, refers to industrial development bonds, student loan bonds, private exempt entity bonds, multi-family housing bonds, mortgage subsidy bonds, and veterans general obligation bonds.
[2] Data for 1975-82 are from Special Analysis F, Budget of the United States Government, FY 1985, Table F-13.
[3] This difference between the $\$ 59$ billion figure and the total long-term volume, $\$ 74.0$, consists of mortgage subsidy bonds and veterans general obligation bonds.
[4] There were approximately 150 late-filed returns, reporting $\$ 241$ million of new issue volume. 1983 data were reported in Clark, Phil and Neubig, Tom, "Private Activity Tax-Exempt Bonds," Statistics of Income Bulletin, Summer 1984, Vot. 4, No. 1, pp. 97-107.
[5] Estimate provided by the Office of Tax Analysis, U.S. Department of Treasury. Includes $\$ 6.7$ billion of estimated revenue losses due to mortgage subsidy bonds and veterans general obligation bonds.
[6] Empirical estimates suggest that the Federal deficit increases by $\$ 1.12$ to $\$ 1.31$ for each dollar of cost savings to the tax-exempt issuers. See Toder, Eric and Neubig, Thomas S. "Revenue Cost Estimates of Tax Expenditures: The Case of Tax-exempt Bonds," National Tax Journal, September 1985, Vol. XXXVIII, No. 3, pp. 395-414.
[7] Empirical estimates of the effect of an additional $\$ 1$ billion of tax-exempt obligations range from 1 basis point ( 0.01 percent) to 7 basis points. For a summary of the econometric estimates, see Peterson, G.E., Tuccillo, J.A. and Weichler, J.C. "The Impact of Local Mortgage Revenue Bonds on Securities Markets and Housing Policy Objectives," in Efficiency in the Municipal Bond Market, G.C. Kaufman, ed., JAI Press, 1981.
[8] Three states, Arizona, Utah and Virginia, were allowed a small amount of additional transitional volume due to 1983 volume levels.

Table 1.--Volume of Private Activity Bonds by Type of Activity, 1984
[Millions of dollars]

| Type of activity | All issues ${ }^{1}$ |  |  | New issues ${ }^{2}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Total | Shortterm | Longterm | Total | Shortterm | Longterm |
|  | (1) | (2) | (3) | (4) | (5) | (6) |
| Total. | 74,694 | 15,669 | 59,025 | 52,674 | 3,387 | 49,287 |
| Student loans ${ }^{3}$. | 2,052 | 815 | 1,236 | 1,370 | 141 | 1,229 |
| Private exempt entities | 15,300 | 3,599 | 11,701 | 9,119 | 533 | 8,587 |
| Industrial development bonds: Industrial park.............. | 484 | 188 | 296 | 224 | 1 | 223 |
| Small issue..... | 18,196 | 159 | 18,036 | 17,302 | 132 | 17,170 |
| Multi-family rental housing.............. | 5,539 | 82 | 5,457 | 5,379 | '6 | 5,373 |
| Sports facilities......................... | 595 | - | 595 | 534 | - | 534 |
| Convention facilities | 133 | - | 133 | - 39 | . | - 39 |
| Airports, docks, etc. ${ }^{4}$. | 6,183 | 1,074 | 5,109 | 3,713 | 81 | 3,631 |
| Sewage and waste disposal facilities.... | 9,061 | 1,802 | 7,258 | 6,644 | 698. | 5,946 |
| **P Pollution control facilities............. | 15,566 | 7,452 | 8,114 | 7,584 | 1,793 | 5,791 |
| Water furnishing facilities. | 149 | 6 | 142 | 136 | 2 | 134 |
| Hydroelectric generating facilities..... | 103 | - | 103 | 101 | (5) | 101 |
| Mass commuting vehicles.................. | 19 | 11 | 7 | 7 | $\left({ }^{5}\right)$ | 7 |
| Local heating and cooling facilities.... | 268 | - | 268 | 103 | - | 103 |
| Electric energy and gas facilities...... | 1,048 | 479 | 568 | 419 | ( ${ }^{5}$ ) | 419 |


${ }^{2}$ Volume for new issues is the purchase price of the bond minus any amount used to refund earlier obligations.
${ }^{3}$ Only partial information on the amount of refunding was collected for student loan bonds.
${ }^{4}$ Includes wharves, mass commuting facilities, parking facilities, or storage facilities directly related to any of the preceding.
${ }^{5}$ Less than $\$ 500,000$. NOTE: Detail may not add to total because of rounding.

Table 2.--Computation of Non-Refunding Lendable Proceeds For Long-Term Private Activity Bonds, by Type [Millions of dollars]

| Item | Type of bond |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Total | $\begin{aligned} & \text { Student } \\ & \text { loan } \end{aligned}$ | Private exempt entity | Industrial development bonds |  |
|  |  |  |  | Small issue | Other |
|  | (1) | (2) | (3) | (4) | (5) |
| Face amount............................... | 59,025 | 1,236 | 11,701 | 18,036 | 28,052 |
| Purchase price............................. | 58,851 | 1,229 | 11,655 | 18,042 | 27,927 |
| Bond issuance costs...................... | 1,505 | 21 | 384 | 459 | 641 |
| Allocations to reserve or replacement funds............................................ | 2,114 | 96 | 710 | 130 | 1,178 |
| Lendable proceeds......................... | 55,233 | 1,112 | 10,560 | 17,453 | 26,108 |
| Proceeds used to refund prior issues.... | 9,576 | - | 3,068 | 882 | 5,625 |
| Non-refunding lendable proceeds......... | 45,657 | 1,112 | 7,492 | 16,571 | 20,482 |

[^10]Table 3.--Long-Term Industrial Development Bonds: Percent Distribution of Non-Refunding Lendable Proceeds, by Type of Property Financed

| Type of property financed | Type of industrial development bond |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Total | $\begin{aligned} & \text { Small } \\ & \text { issue } \end{aligned}$ | Multifamily housing | $\begin{aligned} & \text { Sports } \\ & \text { and } \\ & \text { convention } \end{aligned}$ |
|  | (1) | (2) | (3) | (4) |
| Total........................................... <br> Depreciable property: | 100.0 | 100.0 | 100.0 | 100.0 |
|  | 0.8 | 1.2 | 0.3 | 0.8 |
| 5-year ACRS. | 23.5 | 22.8 | 3.9 | 13.8 |
| 10-year ACRS. | 12.7 | 2.5 | 1.9 | 2.3 |
| 15-year ACRS ${ }^{1}$. | 53.8 | 63.8 | 78.6 | 65.0 |
| Land. | 5.1 | 6.8 | 9.4 | 12.6 |
| Other property ${ }^{2}$. | 4.1 | 2.9 | 5.9 | 5.5 |
| Type of property financed | Type of industrial development bond-Continued |  |  |  |
|  | $\begin{aligned} & \text { Airport } \\ & \text { and } \\ & \text { dock }^{3} \end{aligned}$ | Sewage, waste disposal and pollution control | Electric <br> and <br> gas | Other exempt activity ${ }^{4}$ |
|  | (5) | (6) | (7) | (8) |
| Total...................................... | 100.0 | 100.0 | 100.0 | 100.0 |
|  |  |  |  |  |
|  | 0.7 | 0.4 | 0.3 | 1.2 |
| 5-year ACRS. | 27.2 | 31.9 | 12.3 | 54.6 |
| 10-year ACRS | 3.1 | 36.5 | 0.5 | (5) |
| 15-year ACRS ${ }^{1}$ | 60.0 | 26.4 | 57.1 | 39.2 |
| Land. | 3.1 | 0.7 | 23.6 | - |
| Other property ${ }^{2}$. | 6.0 | 4.2 | 6.3 | 5.0 |
| ${ }^{1}$ Includes 18 -year ACRS property. A small amount of 18 -year property was included in "other property." (ACRS refers to Asset Cost Recovery System of depreciation.) |  |  |  |  |
| ${ }^{2}$ Includes a small amount of proceeds which were not targeted for a specific type of property at the time of filing. |  |  |  |  |
| ${ }^{3}$ Includes wharves, mass comuting facilities, parking facilities, or storage facilities directly related to any of the preceding. |  |  |  |  |
| "Consists of industrial parks, water furnishing facilities, hydroelectric generating facilities, mass commuting vehicles, and local heating and cooling facilities. |  |  |  |  |

Table 4.--Volume ${ }^{1}$ of Small Issue Industrial Development Bonds, Industrial Park Bonds, and Private Exempt Entity Bonds, by Industry
[Millions of dollars]

| Industry |
| :---: |

[^11]Table 5.--Number and Volume of Small Issue Industrial Development Bonds, by Size of Face Amount [Money amounts are in millions of dollars]

| Size of face amount | Returns |  | Face amount |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Number | Percent of total | Amount | Percent of total |
|  | (1) | (2) | (3) | (4) |
| Total. | 10,796 | 100.00 | 18,196 | 100.00 |
| \$1-\$100,000. | 766 | 7.10 | 44 | 0.24 |
| \$100,001 - \$250,000. | 1,088 | 10.08 | 198 | 1.09 |
| \$250,001 - \$500,000. | 1,695 | 15.70 | 663 | 3.64 |
| \$500,001 - \$750,000. | 1,211 | 11.22 | 780 | 4.29 |
| \$750,001 - \$1,000,000. | 1,341 | 12.42 | 1,252 | 6.88 |
| \$1,000,001 - \$2,500,000. | 2,462 | 22.80 | 4,194 | 23.05 |
| \$2,500,001 - \$5,000,000. | 1,455 | 13.48 | 5,241 | 28.80 |
| \$5,000,001-\$10,000,000.. | 778 | 7.21 | 5,825 | 32.01 |

NOTE: Detail may not add to total because of rounding.

Table 6．－Volume of New Issue Private Activity Bonds＇，by State， 1984

| Stato | Tres af eetivin |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Tolal | Student loan bones | Exempt entity bones | Incustral develcoment bonde |  |  |  |  |  |  |  |  |
|  |  |  |  | Small tasua and intusinal DR | Mult． Mamity housing | Sport： and conventron | Arport and cock | $\begin{aligned} & \text { Sownge } \\ & \text { and } \\ & \text { wasto } \\ & \text { disposal } \end{aligned}$ | Palution controd | Eloctuc and 948 |  | Oiner oxempr cetmbes＇ |
|  | （1） | （2） | （3） | （4） | （3） | （6） | （7） | （8） | （9） | （10） |  | （II） |
| Total．． | 52，674 | 1.370 | 9，119 | 17，526 | 8379 | 873 | 3，713 | 6，644 | 7，884 |  | 4191 | 347 |
| Alabama | 1，044 | － | 338 | 362 | － | － | 28 | 55 | 260 |  | － | － |
| Alaska ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．． | 138 | － | － | 108 | 2 | （＊） | 27 | 50 | S |  | － | 35 |
| Arizona ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．． | 1.047 | － | 228 | 318 | 81 | 13 | 20 | 239 | 105 |  | － | 25 |
| Apkanses．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．． | 220 | 128 | 46 | 111 | 17 | － | $33{ }^{4}$ | 28 | 13 |  | － | 78 |
| Californua ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．． | 3.738 | 128 | 822 | 529 | 980 117 | 74 | 338 | 552 | 309 117 |  | － | 78 |
| Colaraco ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．． | 729 | － | 169 70 | 222 201 | 117 71 | 74 | 1 <br> 8 | 30 | 117 |  | － | 19 |
| Oetaware ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．． | 243 | － | 33 | 135 | 7 | － | － | （4） | 39 |  | 10 | － |
| Florida ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．． | 3，831 | － | 878. | 371 | 495 | 24. | 444 | 1.087 | 214 |  | 318 | 3 |
| Georgas ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．． | 2.853 | － | 30 | 788 | 241 | － | $\square$ | 628 | t，186 |  | 7 | $\square$ |
|  | 138 | 37 | 88 | －18 | 二 | － | ${ }^{66}$ | － | －0 |  | 11 | $\underline{\square}$ |
| Idaho ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．． | 72 2.320 | $\begin{array}{r}37 \\ 132 \\ \hline\end{array}$ | 231 | 18 757 | 178 | － | 010 | $\overline{38}$ | 133 | （ ${ }^{4}$ | － | 2 |
| Indiana ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．． | 940 | － | 110 | 372 | 32 | $-$ | 53 | 27 | 342 |  | － | － |
| lowa ．．．．．．． | 307 | 11 | 4 | 200 | 40 | 52 | － | ， 0 | （9） 114 |  | － | － |
|  | 477 | －11 | 58 <br> 119 | 187 280 208 | 30 | （ ${ }^{4}$ | 16 | 100 88 | 114 8 |  | $=$ | － |
|  | $\cdots \quad 1.483$ | 186 | 186 | 413 | 105 | － | 41 | 170 | 387 |  | － | － |
| Maine ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．． | 77 | － | $1{ }^{1}$ | 60 | 14 | 3 | $\bigcirc$ | － | －7 |  | － | － |
| Maryind ．， | 1.268 | 14 | 180 | 527 | 401 | － | 88 | － | 67 |  | － | （4） |
|  | 1，375 | 12t | 64， | 508 | 28 | － | 48. | 112 | 11 |  | ＝ | （4） 74 |
|  | 1，601 | － | 248 | 681 | 66 | － | － | 428 | 107. |  | － | 74 |
| Minnetuta ．．，．，．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．． | 1.213 | 80 | 78. | 634 | 123 | 04 | 10. | 172 | 30 | （＇） |  | － |
|  | 408 | － | 42 | 112 | 20 | － | － | 148 | 84 |  | － | － |
| Misseuri ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．． | 1.170 | － | 254 | 383 | 240 | 3 | 31 | 81 | 102 |  | － | $\cdots$ |
| Montana | 321 | 68 | 27 | 84 | － | － | － | 13 | 148 |  | 二 | 1 |
| Nobraska ： | 346 | － | 116 | 110 | 86 | 3 | 61 | － | － |  | $\overline{10}$ | － |
| Nevada ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．． ， | － 185 | － | 9 | 21 | 63 | － | － |  | 13 |  | 18 | （4） 4 |
| Now Hampahit ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．． | 298 | 5 | 45 | 101 | 22 | － | $\overline{7}$ | 13 | 108 |  | 9 | （4） |
| Now Jorsoy ．，．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．． | 1.012 | － | 286 | 930 | 30. | 8 | ${ }^{85}$ | 227 | 340 |  | 31 | 4 |
| Now Mexico ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．． | 174 | － | 12 | 60 | 20 | $-$ | 85 | 189 | 17 |  | 二 | 40 |
| Now York ， | 3，436 | － | 1.014 | 1，258 | 313 | 80 | 232 | 188 | 343 |  | － | 10 |
| Nerth Carolina ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．． | 802 | － | 38 | 380 | 73 | － | 22 | 8 | 280 |  | － | － |
|  | 232 | 128 | 27 | 20 | 3 | － | ${ }^{2}$ | 18 | 33. |  | － | － |
| Onie ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．． | 1.186 | － | 172 | 884 | 64 | － | 31 | 42 | 220 |  | － | 4 |
|  | 408 | － | 44 | 120 | 112 |  | 8 |  |  |  |  |  |
|  | 304 | － | 105 | 72 | － | 4 | 28 | 87 | $53^{3}$ |  | 18 | 19 |
|  | 3，802 | 200 | 703 | 1，506 | 53 | 38. | 17 | 835 | 53 |  | 7 | 8 |
| Rhode is／and ．．．．．．．． ， | 430 | － | 90 | 66 | 33 | － | 17 | 210 | 17 |  | 7 | － |
| South Caroina ．．．． | 807 | － | 18 | 313. | 36. | （4） | 5 | 261 | 174 |  | － | － |
| South Daketa ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．． 4 | $\begin{array}{r}118 \\ \hline 129\end{array}$ | 48 | ${ }^{23}$ | 743 | － | （1）- | 234 |  |  |  | 二 | 3 |
|  | 1.328 | $\overline{25}$ | 142 1,193 | 724 | 222 487 | $-3$ | 234 | 410 | 884 |  | ＝ | 10 |
| Toxtt ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．． | 4.285 | 25 | 1，189 | 776 195 | $\begin{array}{r}487 \\ \hline 2 \\ \hline\end{array}$ | 145 | 476 | ． 80 | 154 |  |  | 8 |
|  | 642 418 | 二 | 72 |  | ${ }^{51}$ | 145 | － | － 09 | $\underline{154}$ |  | 4 | － |
|  | 1，885 | 88 | 158 | 1，038 | 332 | 7 | 68 | 234 | $\because 68$ |  | － | － |
| Washingtor ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．， | 474 | 46 | 50 | 102 | 127 | 5 | 61 | 50 | 27 |  | 8 | 1 |
| West Virginia ．．．．．． | 202 | － | 81 | 80 | 28. | － | $=$ | － | 25 |  | － | － |
| Wisconsin | 538 | 20 | 153 | 322 | 10 | $?$ | － | （4）${ }^{2}$ | 23 |  | 二 | － |
| Wroming ．．．．．．．．．．．．． | 385 113 | － | 1 | 45 21 | $\overline{26}$ | －1 | 二 | （＇） 41 | 319 |  | － | 24 |
| Other ． | 113 | － | 1 | 21 | 26 | － | － | 41 | － |  | － | 84 |

volume fer now issuas tis the purchase price of the bond minus the amount used to retund earing obicatione．peceding

Less than \＄500，000．

NOTE：Datail may not ado to total becauso of reunding．

## Sales of Capital Assets, 1981 and 1982

By Bobby Clark and David Paris*

For Tax Year 1981, there were 8.4 million individual returns [1] reporting a gross gain or loss from sales of "capital assets." The gross gain less loss reported totaled $\$ 122.9$ billion. For Tax Year 1977, the last previous year for which capital transactions were tabulated, there were 8.8 million returns reporting gains less losses totalling $\$ 46.5$ billion. There are many reasons for this 164 percent increase, one being the changes in tax laws since 1976 which affected the taxation of 7 capital gains and losses.

Even though there was a significant increase in the gross gain (less loss) from 1981 sales of capital assets [2], the amounts included in radjusted gross income (AGI) and the increases in taxes reported on these gains were not as significant. The increases in gains and losses during the 1976-81 period were partly due to inflation and also to law changes which effecttively decreased the tax rate on gains. Although the lengthening of the required holding period for short-term gains may have offset this decrease to some extent. This change in the holding period is described below.

For 1973, 1977, and 1981, detailed data were obtained on the sales of capital assets that were associated with the net capital gains and losses included in AGI [3]. This article focuses on 1981 data for the asset types that accounted for most of the increase in gross gain for 1981 over 1977 [4]. For instance, as shown in Figure $A$, five asset types accounted for 75 percent of the gross gains reported for 1981. The most significant of these were comporate stock and sales of personal residences. As shown in Figure $B$, these same five asset types showed a substantial increase from 1977 to 1981.

For 1981, there were more than 28.6 million sales of capital assets transactions reported. As expected, corporate stock transactions was the asset type most frequently reported. These transactions numbered more than 13.6 million or approximately 48 percent of the total. The second most reported type of transaction was prior-year installment sales. They were re-

ported approximately 2.1 million times. Sales of commodities, capital gain distributions, shares of capital gain or loss from partnerships and fiduciaries, and sales of personal restdences were next in order; each type was reported slightly more than one million times.

## SHORT-TERM AND LONG-TERM TRANSACTIONS

The number of short-term transactions, i.e., transactions involving assets held for 12 months or less, increased from 5.6 million in 1977 to 11.6 million in 1981. The large increase in

[^12]Figure B. --Number of Returns and Gross Gain or Loss, by Asset Type, 1977 and 1981
[All figures are estimates based on samples-imoney amounts are in thousands of dollars]

| Asset type | -1977 |  |  | 1981 |  |  | Change from 1977 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number of returns | Gross gain | $\begin{aligned} & \text { Gross } \\ & \text { loss } \end{aligned}$ | Number of returns | Gross gain | $\begin{aligned} & \text { Gross } \\ & \text { loss } \end{aligned}$ | Gross gain | Percent |
| All returns, total | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
|  | 8,845,115 | \$60,021, 334 | \$13,534,115 | 8,405,189 | \$151,670,416 | \$28,766, 391 | \$90,649, 082 | 153\% |
| Corporate stcck | 2,760,804 ${ }^{\circ}$ | 13,684,818 | 6,861,349 | 3,426,181 | 42,820,936 | 12,364,554 | 29,136,118 | 213 |
| Securities other than corporate stock | 371,140 | 560,076 | 356,168 | 504,074 ${ }^{1}$ | 1,075,469 | 3,608,328 | 515,393 | 92 |
| Commodities, including futures contracts. | 101,414 | 1,688,881 | 1,665,428 | 197,285 | 3,734,950 | 3,383, 762 | 2,046, 069 | 121 |
| Capital gain distributions ............... | 1,540,638 | 1,098,216 | 40,803 | 944,965 | 1,957,399 | 222, 391 | 859,183 | 78 |
| Share of capital gain or loss from partnerships and fiduciaries ..... | 717,185 | 4,844,618 | 562,317 | i,070,764 | 10,382,156 | 2,150,693 | 5,537,538 | 114 |
| Capital gain distributions from small business colporations | 49,494 | 267, 257 | 1,665 | 62,382 | 495,871 | 3,356 | 228,614 368,535 | 86 |
| Liquidation c'istributions ................ | 41,067 | 931,551 | 14,015 | 44,106 | 1,300,086 | 152,392 | 368, 535 | 40 |
| Lump-sum and other retirement plan distributiols $\qquad$ | 69,067 | 335,081 | , | 50,237 | 354,767 | 2,897 | 19,686 | 6 |
| Sale or involuntary conversion of certain depreciable and other property............ | 858,114 | 3,008,545 | 444,134 | 323,8301 | 4,621,240 | 145,897 | 1,612,695 | 54 |
| Qualified gains on nonfarm depreciable business and personal property, except certain buildings $\qquad$ | 425,722 | 2,255,518 | , | 494,917 | 3,795,475 | 39 | 1,539,957 | 68 |
| Qualified gains on other depreciable real property, including-certain buildings .. | 235,000 | 3,410,294 | - | 144,893. | 5,697,261 | $(4)$ | 2,286,967 | 67 |
| Qualified gains on farm land with unharvested crop and livestock, except poultry, used in trade or business ...... | 139,412 | 392,384 | - | 399, $\left.\right\|_{3631}$ | 3,349,692 | 79,827 | 2,957,308 | 754 |
| Standing timber ............................. | 92,600 | 602,549 | 335 | 63,050 | 591,579 | 1,932 | 2, -10,970 | -2 |
| All other farm land | 1,350 | 29,673 | - | 6,184 | 308,781 | (4) | 279,108 | 941 |
| 0 O 1 and gas property | 1,395 | 74,537 |  | 1,284 | 272,230 |  | 197,693 | 265 |
| Personal residence ${ }^{2}$.. | 1,460,678 | 6,955,407 | 24,731 | 1,009,772 | 31,112,603 | 1,619 | 24,157,196 | 347 |
| Nonbusiness real estate | 637,472 | 4,595, 919 | 176,720 | 725,029 | 18,476,517 | 280,762 | 13,880,598 | 302 |
| Prior-year installment sales | 572,433 | 3,972,739 | 7,708 | 1,421,364 | 9,913,982 | , 357 | 5,941,243 | 150 |
| Other types of assets ${ }^{3}$.. | 2,075,276 | 11,313,268 | 3,378,741 | 1,449,447 | 11,409,423 | 6,367,585 | 96,155 | 1 |

Data are overstated to the extent a taxpayer reported more than one type of property included in this combined category.
${ }^{2}$ The gain stown for sales of residences is the gross amount realized. Only a small part is taxable gain because of the tax deferral and exclusion provisions of the tax law relating to sales of residences.
Other types of assets not elsewhere classified or transactions which were unidentified
${ }^{4}$ Less than 1500.
NOTE: Due to reporting of more than one asset type on most returns, the number of returns for "All returns, total" are less than the sum of return totals for the specific asset type. Detail may not add to total because of rounding.

Figure C. --Returns with Short-Term or Long-Term Corporate Stock Sales Transactions: Selected Income and Tax Data, Gross Gain or Loss and Net Capital Gains, by Length of Period Held, 1981
[All figures are estimates based on samples--money amounts are in thousands of dollars]

| Length of period held | Number of returns with sales of corporate stock | AGIless deficit | Taxable income | Income tax before credits | Total income $\operatorname{tax}$ | ```Net capital gain less loss``` | Gross gain |  | Gross loss |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  | Number of stock transactions | Amount | Number of stock transactions | Amount |
|  | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) |
| All periods, total Short-term: | 3,426,181 | \$164,611,568 | \$138,161,427 | \$42,649,913 | \$41,763,369 | \$20,309, 787 | 7,066,509 | \$42,820,936 | 6,603,278 | \$12,364,554 |
| 0 including 6 months | 1,574,120 | 84,657,582 | 68,365,401 | 22,039,863 | 21,726,877 | 12,678,956 | 2,152,105 | 2,840,890 | 2,330,489 | 3,100,809 |
| 6 months including 12 months.. | 1,218,501 | 69,400,525 | 55,579,150 | 18,592,396 | 18,272,624 | 10,630,069 | 754,147 | 1,349,124 | 1,216,985 | 2,747,320 |
| Short-term not determinable ${ }^{1}$.. Long-term: | 146,235 | 8,892,668 | 6,884,760 | 2,383,897 | 2,390,378 | 1,620,951 | 138,017 | 269,945 | 145,819 | 648,845 |
| 1 year under 5 years .......... | 2,126,188 | 124,221,402 | 100,726,791 | 34,075,232 | 33,449,023 | 18,537,305 | 2,135,082 | 10,708,610 | 1,531,482 | 2,799,961 |
| 5 years under 10 years ....... | 756,873 | 40,968,196 | 34,089,136 | 11,210,783 | 11,012,689 | 6,105,776 | 738,755 | 7,603,438 | 589,104 | 1,240,880 |
| 10 years under 20 years ...... | 773,300 | 40,740,929 | 34,162,299 | 11,127,866 | 11,014,972 | 6,506,916 | 585,288 | 8,927,676 | 560,160 | 1,032,918 |
| 20 years or more | 262,469 | 14,259,530 | 12,028,673 | 4,112,547 | 4,067,779 | 2,795,719 | 308,022 | 6,409,383 | 117,331 | 177,565 |
| Long-term not determinable ${ }^{\text {d }}$... | 234,095 | 14,195,214 | 11,726,621 | 4,200,288 | 4,173,055 | 2,942,415 | 255,093 | 4,711,869 | 111,908 | 616,258 |

Includes transactions for which a period held could not be calculated because of missing dates, or for which the calculated period held did not agree with the definition of "short-term" or "long-term" for the year noted.
NOTE: Due to reporting of more than one transaction on most returns, the data in columns 1 through 6 for "All periods" are less than the sum of these items for the specific periods. Detail may not add to total because of rounding.
short-term transactions can be attributed to a provision of the Tax Reform Act of 1976, which changed the general definition of the holding period for long-term capital gain treatment from "more than O months" to "more than 12 months" for taxable years beginning after 1977. Also, reflecting this change, the number of long-term transactions declined from 16.4 million for 1977 to 12.1 million for 1981.

## CORPORATE STOCK SALES

Figure C presents data by length of time held for corporate stock. The number of corporate stock transactions, which represent most of capital transactions each year, increased by nearly 38 percent for 1981 over 1977 and 50 percent over 1973. The statistics also show that for 1981 there was a movement back toward stock transactions, which were losing ground in 1977 to transactions involving securities other than stock (bonds, notes, etc.) and sales of commodities. However, in the absence of data for the intervening years it is impossible to determine whether this is part of a trend. Corporate stock transactions represented 47 percent of all transactions for 1981, an increase of 5.6 percent over 1977.

## TAXATION OF CAPITAL GAINS

Individual income tax rates were reduced by the Economic Recovery Tax Act of 1981. As a result of this reduction, some taxpayers found that it was advantageous for them to sell in 1981 capital assets on which gains had previously accrued but which had not been realized because of the tax consequences. This "unlocking" effect was one possible factor in the increase in capital gains over the immediately preceeding years.

The 1981 Act lowered the maximum tax rate on ordinary income from 70 percent to 50 percent. Correspondingly, the maximum tax rate on 1981 net capital gains for individuals was effectively lowered to 20 percent (the 50 percent maximum marginal tax rate $x$ the 40 percent of net long-term gains that were included in AGI). This compares to the 28 percent maximum rate prevailing just before the 1981 Act and to the 1977 maximum rate of 35 percent (the 70 percent maximum rate $x$ the 50 percent of net long-term gains that were included in AGI). The revised rates applied to gains realized after June 9, 1981.

Figure $D$ shows net capital gains and the taxes on them for the 6 -year period, 1977-82. In Figure D, net capital gains in AGI include only amounts reported on returns with net gains. Thus, these figures slightly overstate contributions of the capital gains tax to total individual income tax by excluding returns with net losses. These losses are deducted in computing taxable income, thereby reducing the tax.

Figure D.--Capital Gains Taxes, 1977-1982 [All figures are estimates based on samples-money amounts are in billions of dollars]
$\left.\begin{array}{l|c|c|c}\hline \hline \begin{array}{l}\text { Tax } \\ \text { Year }\end{array} & \begin{array}{c}\text { Net capital } \\ \text { gain in } \\ \text { AGI }\end{array} & \begin{array}{c}\text { Taxes on } \\ \text { capital } \\ \text { gains }\end{array} & \begin{array}{c}\text { Capital gain } \\ \text { taxes as a }\end{array} \\ \text { "percent of } \\ \text { total indi- } \\ \text { vidual in- } \\ \text { come taxes }\end{array}\right]$

[^13]In order to prevent certain high-income tax filers from paying little or no income tax, a revised "alternative minimum tax" was included in the 1981 Act. For purposes of the alternative minimum tax, the portion of net capital gains excluded from AGI (i.e., 60 percent of total net long-term capital gain) and certain itemized deductions in excess of 60 percent of AGI were considered to be "tax preference" items. These amounts had to be added to gross income less deductions to compute alternative minimum taxable income. The alternative minimum tax was payable only if it exceeded the sum of the regular tax plus any add-on "minimum tax." Under the alternative minimum tax, the maximum marginal rate on any capital gain was 25 percent of gain realized before June 10, 1981. The 1981 Act lowered the highest alternative minimum tax rate from 25 percent to 20 percent (at $\$ 60,000$ of alternative minimum taxable income) on gains realized after June 9 , 1981. Thus, while certain capital gains might be subject to tax under the alternative minimum tax provisions, the alternative minimum tax did not increase the maximum possible rate at which long-term capital gains could be taxed under the regular individual income tax.

## CHANGES IN THE LAW

Most of the law changes for 1981 applicable to capital gains and losses were a result of the Economic Recovery Tax Act of 1981 (ERTA). A summary of the three law changes affecting sales of capital assets for Tax Year 1981 is provided below.

## Alternative Minimum Tax

The highest tax rate under the alternative minimum tax applicable to long-term capital gains excluded from AGI, was reduced from 25
percent to 20 percent under ERTA for transactions entered into after June 9, 1981. The alternative minimum tax was applied to certain "tax preferences," including the 60 percent of long-term capital gain excluded from AGI, and was used if it was larger than the regular income tax (as defined for this purpose). The total alternative minimum tax was the lesser of the "gross" alternative minimum tax or total "alternative minimum taxable income," or the tax on alternative minimum taxable income other than excluded long-term capital gains, plus a 20 percent tax on these gains.

## Alternative Tax

The alternative method of tax computation made it possible for certain taxpayers to reduce the tax based on the "regular" tax computation. To benefit from this computation, taxpayers must have had long-term gains in excess of short-term losses from the sale of capital assets between June 9, 1981, and December 31, 1981. Income subject to the alternative tax was computed as the lesser of (1) the net capltal gain for the year, or (2) the net capltal gain for the year taking into account only gains or losses from sales or exchanges between June 9, 1981, and December 3'1. 1981.

This method of tax computation could only be advantageous to taxpayers with a marginal tax rate over 50 percent, whose flling status was:

1) single with taxable income over $\$ 41,500$,
2) joint or qualifying widower with dependent child and with taxable income over $\$ 60,000$,
3) head of household with taxable income over $\$ 44,700$, or
4) married filing separately with taxable income over $\$ 30,000$.

## Sales of Personal Residences

There was no taxable gain on the sale of a personal residence if the taxpayer used the proceeds from the sale to purchase another personal residence as a replacement within a fixed period of time after the sale. The replacement period for exempting the gain on the sale of a personal residence from taxation was extended from 18 months to 2 years by ERTA. In addition, the onetime exclusion from income of the gain from the sale was increased from $\$ 100,000$ to $\$ 125,000$. These changes were effective for sales or exchanges after July 20, 1981.

## DATA SOURCES AND LIMITATIONS

## Sample

These data are estimates based on returns filed by U.S. taxpayers for Tax Year 1981. This detailed information, which covers capital gain distributions and sales of property, augments the data published in Statistics of Income-1981, Individual Income Tax Returns.

The 1981 statistics were based on a 63,824 Form 1040 return subsample of the full sample used for Statistics of Income--Individual Income Tax Returns [5]. Capital asset transaction data were separately edited from Schedule D, Capital Gains and Losses; Form 2119, Sale or Exchange of Principal Residence; Form 4797, Supplemental Schedule of Gains and Losses; and Form 6252, Computation of Installment Sale Income. The type of property, gross sales prices, cost and expense of sale, and gross gain or loss were edited for each transaction reported on any of the above schedules or on the taxpayers' own schedules. Exciuded from the statistics were capital gain distributions reported directly on Form 1040; if taxpayers had no other capital transactions, they were excused from filing the Schedule D [6]. A capltal loss carryover by itself was not considered a transaction; therefore, returns that only reported a loss from a previous year on the Schedule $D$ were omitted from the tabulations.

## Limitations

Although the return forms called for transaction detall Igross sales price, cost or other basis and expense of sale, and gross gain or loss) to support the total net gain or loss, some of this information was not always reported. If the taxpayer falled to provide the detall for the asset types, gross sales price was made equal to the galn and cost made equal to the loss during statistical processing.

In general, the tables are based on data as reported by the taxpayer. Although the sample returns were subject to mathematical verification, statistical editing and computer testing, no attempt was made to change the taxpayer's classification of an entry. For example, capital gain distributions and net long-term gains from Small Business Corporations that elected to be taxed through shareholders are generally long-term positive amounts; however, they were tabulated as short-term or as a loss if so reported. The taxpayer's vague description for certain asset types sometimes made it difficult to classify the data by transaction category. Whenever a transaction could not be allocated to a specific category, it was assigned to "other assets" in the statistics.

Because the data presented in this article are estimates based on a sample of returns, they are subject to sampling, as well as nonsampling, error. To properly use the statistical data provided, the magnitude of the sampling error must be known. Coefficients of variation (CV's), computed from the sample, are used to measure the magnitude of the sampling errors. The table below presents approximated CV's for frequency estimates for 1981. The approximate CV's shown here are intended only as a general indication of the reliability of the data. For numbers of returns other than those shown below,

|  | Type of Asset/Transaction | Brief Description | Internal Revenue Code Sections |
| :---: | :---: | :---: | :---: |
|  | Corporate Stock | Stock in any corporation, and warrants. Excluded from this classification for the purpose of this article, but included in "Other types of Assets," were stock options or privileges, calls, puts, spreads and straddles. | $1221$ |
| 2. Securities Other Than Corporate Stock: |  |  |  |
|  | U.S. Government Obligations | Bonds, notes, and other evidences of indebtedness issued by the U.S. Government, its instrumentalities, or possessions. | 1232 |
|  | State and Local Government Obligations | Investments in obligations of states or U.S. possessions, including obligations of political subdivisions and the District of Columbia. | 1232 |
|  | Other Bonds, Notes, and Debentures | Includes securities issued by corporations, banks and insurance companies. | 1232 |
|  | Commodities, Including Futures Contracts | Most sales or exchanges of crops or staples resulting from an obligation to buy or sell a fixed | 1233 |
|  |  | quantity of a commodity on a specific date at a fixed price. Except for a hedging transaction, a capital gain or loss resulted if the commodity future was a capital asset. |  |
|  | Capital Gain Distributions | Long-term capital gains distributed or credited to stockholders in the form of cash or other property by regulated investment companies and real estate investment trusts. | $\begin{aligned} & 852 \\ & 857 \end{aligned}$ |
|  | Share of Capital Gain or Loss From Partnerships and Fiduciaries | Capital gains and losses allocated by partnerships and fiduciaries to partners and beneficiaries, respectively, who, in turn, reported distributive shares on their individual income tax returns. | $\begin{aligned} & 665 \\ & 702 \end{aligned}$ |
|  | Capital Gain Distributions From Small Business Corporations | Long-term capital gain distributions from earning and profits of electing Small Business Corporations (reduced by the special tax imposed at the corporate level) taxed through each stockholder. | 1375 |
|  | Liquidation Distributions | Cash or other property received by a stockholder when a corporation was liquidated. | 301 |
|  | Lump-Sum and Other Retirement Plan Distributions | Lump-sum payments to employees from a qualified annuity plan or from an exempt trust which formed part of a pension, profit sharing or stock bonus plan. | 402 |
| 9. Sales or Involuntary Conversions of Certain Depreciable and Other Property: |  |  |  |
|  | Involuntary Conversions by Casualty or Theft | Depreciable business property, or nonbusiness property, held for more than 9 months, that was compulsorily converted into money or other property not similar or related in service or use to the converted property. Loss (or gain) was after adjustment for any insurance proceeds and was otherwise eligible for long-term capital loss (or gain) treatment. | 1231 |

Description of Assets/Transactions--Continued

|  | Type of Asset/Transaction | Brief Description | Internal Revenue Code Sections |
| :---: | :---: | :---: | :---: |
| Sales or Involuntary Conversions of Certain Depreciable and Other Property--Conti nued |  |  |  |
|  | Involuntary Conversions by Other Than Casualty or Theft | Trade or business property held for more than 9 months and compulsority converted e.g. by seizure or condemnation. Loss (or gain) was after adjustment for any insurance proceeds and was otherwise eligible for long-tem capital loss (or gain) treatment. | 1231 |
|  | All Other Livestock, Except Poultry, Including Certain Livestock Used in Trade or Business | Unless covered under 13, below, cattle, hogs, horses, mules, donkeys, sheep, goats, furbearing animals (such as mink), and other mammals, if held for draft, breeding, dairy, or sporting purposes. Cattle and horses were included if held for 24 months or more; the holding period for other animals was 12 months or more. | 1231 |
|  | Cut Timber | Timber that was cut, if owned, or held under contract to cut, for more than 12 months, if an election was made to treat the cutting as a sale of property used in the taxpayer's trade or business. | 631, 1231 |
|  | Other Farm Land With Unharvested Crop | Farm land with unharvested crop that was sold (with no retention rights or options) or exchanged at the same time and to the same person, if the land was held for more than 12 months. Crops included fruit and nut trees. | 1231 |
|  | Qualified Trade or Business Assets and Transactions Not Elsewhere Classified | Business assets (either real property or depreciable personal property) eligible for long-term capital gain treatment that could not be classified by type of asset or transaction. | 1231 |
| 10. | Qualified Gains on Non-farm Depreciable Business and Personal Property, Except Certain Buildings | Property held for more than 1 year, if the gains exceeded pre-1969 accumulated depreciation and if the property (except livestock) was tangible (e.g. machinery or equipment) or intangible (e.g. patents or copyrights). Tangible property included certain real property (except buildings) if used in specified industrial activities or if used for specific purposes described in the code. | $\begin{aligned} & 1245 \\ & 1231 \end{aligned}$ |
|  | Qualified Gains on Other Depreciable Real Property, Including Certain Buildings | Real property (not included in 10, above) held for more than 1 year, on which gains were realized. However, property on which gains were due to the excess of accelerated over straight-line depreciation for 1964-69 was only partially included depending on how long the property was held; property on which gains were due to excess depreciation after 1969 was not included at all. | $\begin{aligned} & 1250 \\ & 1231 \end{aligned}$ |

Description of Assets/Transactions--Continued

| Type of Asset/Transaction | Brief Description | Internal Revenue |
| :--- | :--- | :--- | :--- |
| Code Sections |  |  |

the corresponding CV's can be estimated by interpolation.

The reliability of estimates based on samples and the use of coefficients of variation for evaluating the precision of sample estimates are discussed in the Appendix.

1981
Estimated Number of Returns

| $8,375,400$ | 0.03 |
| ---: | ---: |
| $4,711,000$ | 0.04 |
| $3,015,100$ | 0.05 |
| 753,800 | 0.10 |
| 188,400 | 0.20 |
| 84,000 | 0.30 |
| 47,000 | 0.40 |
| 30,000 | 0.50 |

EXPLANATION OF TERMS
Explanations of terms are designed to aid the user in interpreting the statistical content of this report and should not be construed as interpretations of the Internal Revenue Code or related regulations, procedures, or policies. Code section cited were those in effect for 1981.

## Adjusted Gross Income (AGI)

This amount was the result of reducing gross income from all sources subject to tax by certain statutory adjustments. The income included in gross income was comprised of wages, salaries and tips; interest; dividends less exclusion; refunds of state and local income taxes; alimony received; business income (or loss); capital gain (or loss); gains (or losses) from sales of noncapital assets; fully taxable pensions and annuities; income (or loss) from rents, royalties, partnerships, estates, trusts, or farm and taxable unemployment compensation.

Adjustments were comprised of moving expenses, employee business expenses, payments to an Individual Retirement Arrangement (IRA), payments to a self-employed retirement or Keogh plan, interest penalty on early withdrawal from certain savings accounts, alimony paid, and disability income exclusion.

## Cost or Other Basis and Expense of Sale

In general, this item included the amount paid, given, charged, or engaged to be paid or given, for a capital asset. The cost of property was increased by the expense for all items properly chargeable to the capital account, such as cost of improvements that added to the value of the asset, and costs of the purchase, commission, title search, and recording fees.

Gross Gain or Loss
For most transactions, gross gain (or loss) was the difference between the gross sales price and cost or other basis (less any allowable depreciation). However, for installment sales, the amount of gain reported for the current year was the payment actually received and was, therefore, less than the difference between the gross sales price and cost less depreciation.

Under the installment method, the profit on a sale was prorated over the period in which payments were to be received. Income from two types of installment sales are included in the statistics: (1) casual sale or other casual disposition of personal property (except inventory items) for a price exceeding $\$ 1,000$, and (2) a sale or other disposition of real property. In both cases, the sale had to be one in which two or more payments were contemplated. The installment method could be used only if the seller received no payments or payments of 30 percent or less of the selling price during the year of sale.

The income reported in the taxable year was that part of the payment received in the taxable year which was based on the ratio of profit to the total contract price during the year. Although losses were not reportable on the installment plan, they were included in the statistics if reported as such by the taxpayer.

For the statistics, installment sales were classified in either of two ways. Current-year sales were included with the specific asset type of the property sold or exchanged on an installment basis. Prior-year installment sales were classified as such, regardless of the specific type of property disposed of.

## Gross Sales Price

The gross sales price represented cash or the fair market value of other property received, including mortgages, notes, and other evidences of indebtedness. Included at face value were any of the seller's liabilities assumed by the purchaser and any liabilities to which the property was subject, such as real estate taxes or mortgages.

## Number of Transactions

Number of transactions was the number of sales or exchanges of property reported on a Schedule D, Capital Gains and Losses; Form 2119, Sale or Exchange of Principal Residence; Form 4797, Supplemental Schedule of Gains and Losses; and Form 6252, Computation of Installment Sale Income, or on the taxpayer's equivalent schedules.

Sales of Capital Assets, Net Gain or Loss
In general, capital assets for tax purposes included all property held for personal use or investment. Examples of such assets were a personal residence, furniture, automobile, and stocks and bonds. Assets used in the normal course of business activities (such as inventory held for sale) and depreciable or real property held for sale or used in a trade or business were specifically excluded from the definition of capital assets.

However, net gains from the disposition of certain of the latter class of property, while not classified as capital assets, could be treated as long-term capital gains under section 1231 of the Code. This included property used in a business, such as buildings and machinery; and also certain specific types of assets or transactions relating to sales of cut timber, coal, domestic iron ore and timber and unharvested crops sold with the land (if the land were held for more than 1 year).

On the other hand, all or a portion of net gains from some of the types of property included under the definition of capital gains could be denied capital gains treatment under other sections of the Code. Generally, these sections denied capital gains treatment to that part of a gain which was equal to all or some of the depreciation claimed on the asset.

The following concepts were used in the computation of net capital gain or loss for the purposes of this article:

Net short-term gain or loss--Gains and losses from the sales or exchanges of capital assets held for 1 year or less were considered to be short-term. For 1977, the holding period was 9 months or less. Short-term gains from currentyear sales were combined with any short-term capital loss carryover and any net short-term gain or loss received from partnerships or fiduciaries.

Net long-term gain or loss--Gains and losses from sales or exchanges of capital assets held for more than 1 year were considered long-term and were eligible for special tax treatment (see "net capital gain"). To obtain the net long-term gain or loss, gains or losses from current-year transactions were combined with:
(1) net long-term gain or loss received from partnerships, fiduciaries, or Small Business Corporations (that elected to be taxed through shareholders),
(2) capital gain distributions of regulated investment companies (mutual funds) and real estate investment trusts, and
(3) long-term capital loss carryover from prior years.

Short-term capital loss carryover--This carryover equalled that portion of short-term capital loss incurred, but not deducted, in a previous tax year because of the limitation on the net capital loss allowable, as discussed below under "Net capital loss."

Long-term capital loss carryover--This carryover equalled that portion of long-term capital loss incurred; but not deducted, in a previous tax year because of the limitation on the net capital loss allowable, as discussed below under "Net capital loss."

Net capital gain--If the combination of net short-term gain or loss and net long-term gain or loss resulted in a positive amount, the taxpayer had a net capital gain. For taxpayers with long-term capital gains, the actual amount shown as net capital gain (and thus, carried into AGI) was computed by first subtracting short-term capital losses (if any), and then subtracting 60 percent of the remaining amount. Short-term capital gains, on the other hand, were always fully includable in net capital gain.

If the only gain taxpayers had was from capital gain distributions, they were not required to file a Schedule $D$ to report them. Instead, they were allowed to report them directly on Form 1040. These distributions were always considered to be long-term capital gains and are included in net capital gain.

Net capital loss--If the combination of net short-term gain or loss and net long-term gain or loss resulted in a negative amount, the taxpayer generally showed a net capital loss.: In many cases, however, the actual amount included in net capital loss (and thus carried into AGI) was less than the computed combined amount. For taxpayers with long-term capital losses, only 50 percent of such losses (reduced by any short-term capital gains) was includable in net capital loss. After this reduction, net capital loss was further limited to the lesser of (a) net capital loss, (b) taxable income computed without regard to capital loss or personal exemptions or (c) $\$ 3,000$ ( $\$ 1,500$ for married persons filing separately).

Amounts of capital losses in excess of the above limitations, whichever was applicable, could be carried over to subsequent tax years, as described above.

Sales of Property Other Than Capital Assets, Net Gain or Loss

Generally included property of a business nature, in contrast to personal and investment property which were capital assets. Some of the types of property specifically included were ( $\mid$ ) certain depreciable, depletable, and
real business property; (2) accounts and notes receivable in the ordinary course of business (from the sale of goods and services ordinarily held for sale by the business or includable in the inventory of the business); (3) certain copyrights; literary, musical, or artistic compositions; or similar properties; (4) any share of gain or loss received through partnerships and fiduciaries; and (5) amounts resulting from certain "involuntary conversions" including net losses from casualty and theft.

Gains from the disposition of some property types not considered to be capital assets could be treated as capital gains under certain conditions. Conversely, under certain other conditions, gains from the disposition of some property types considered to be capital gains could be denied capital gains treatment.

Taxable and Nontaxable Returns
Taxability of a return for purposes of this article was determined by the presence of "total income tax" (the sum of income tax after credits and the additional tax for tax preferences).

## Taxable Income

Taxable income was the amount to which taxpayers applied the tax tables or the tax rate schedules to arrive at income tax before credits. It was determined by subtracting from AGI "excess itemized deductions" (or by adding the "unused zero bracket amount") and the exemption amount. The zero bracket amount, that portion of income subject to tax at the zero percent rate, represented the first portion of taxable income.

Total Income Tax
Total income tax was the sum of income tax after credits and the additional tax for tax preferences.

## NOTES AND REFERENCES

[1] This number excludes returns if the only capital gains were those reported on Form 1040 as installment sales, and if the only capital losses were those carried over from prior years.
[2] See Sales of Capital Assets Net Gain or Loss in Explanation of Terms section of this article for the definition of capital assets. See also, Galper, Harvey, and Steuerle, Eugene, "Tax Incentives for Savings," Statistics of Income Bulletin, Spring 1984, Vol. 3, No. 4.
[3] Brame, Bertie, and Gilmour, Keith, "Sales of Capital Assets, 1973-1980," Statistics of Income Bulletin, Summer 1982, Vol. 2, No. 1. See also, Supplemental Report, Statistics of Income--1973, Sales of Capital Assets Reported on Individual Income Tax Returns.
[4] See the Description of Assets/Transactions section in this article for a brief summary of the asset types.
[5] Information on the full SOI sample from which the subsample was drawn is published in Statistics of Income--1981, Individual Income Tax Returns. See the Statistics of Income report for 1982, for a description of the sample for that year.
[6] For 1981 , there were 1.3 million returns with capital gain distributions amounting to $\$ 0.5$ million reported directly on Form 1040. The comparable figures for 1982 were 1.3 million and $\$ 0.4$ million. For additional information about capital gain distributions, see Statistics of Income-Individual Income Tax Returns for these two years.
Returns With Net Capital Gain or Loss
Table 1. - All Transactions: Income, Tax, and Transaction Detail, by Asset Type and Size of Adjusted Gross Income [Al figures are estimates based on samples-money amounts are in thousands of dotlars]

| Asset type and stzeof adiustod gross income | Number of | Adiusted incoms Tome denticir | Taxathe |  | $\begin{gathered} \text { Totas } \\ \text { income } \\ \text { taxx } \end{gathered}$ | $\begin{aligned} & \text { Number } \\ & \text { of } \\ & \text { transactions } \end{aligned}$ | All capital assol transections |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  | Gross sales price |  | Cost or other basis and expense of sale |  | Gross gain |  | Gross loss |  |
|  |  |  |  |  |  |  | Number of transactions | Amount | Number of transactions | Amoum | Number of transactions | Amount | Number of transactions ${ }^{1}$ | Amount |
| Total Assets | (1) | (2) | (3) | (4) | (5) | (6) | ( $)$ | (8) | (9) | (10) | (1) | (12) | (13) | (14) |
|  | 8,405,189 | 318,272,078 | 274,837,530 | 75,933,720 | 73,821,393 | 28,640,706 | 23,680,855 | 499,305,751 | 23,031,268 | 346,115,534 | 17,527,638 | 151,670,418 | 11,113,068 | 28,766,391 |
| All returns, tot |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| No adfusted gross income |  | 6,956,999 | 6,448,621 | $\begin{array}{r} 882 \\ 266,593 \end{array}$ | $\begin{aligned} & 144,452 \\ & 254,660 \end{aligned}$ | $\begin{array}{r} 798,793 \\ , \end{array}$ | 703,319$\mathbf{2 , 3 3 3 , 4 4 5}$ | $\begin{aligned} & 28,213,080 \\ & 21,515,221 \end{aligned}$ | $\begin{array}{r} 585,259 \\ 2,183,203 \end{array}$ | $\begin{aligned} & 20,349,990 \\ & 16,480,146 \end{aligned}$ | $\begin{array}{r} 624,165 \\ 1,052,849 \end{array}$ | $\begin{aligned} & 9.035,413 \\ & 6,189,172 \end{aligned}$ | $\begin{aligned} & 174,628 \\ & 838,412 \end{aligned}$ | $\begin{aligned} & 1,726,176 \\ & 2,298,875 \end{aligned}$ |
| Under \$10,000 | 1,225,481 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| \$10.000 under \$15,000 | 796.901 | 9,962,619 | $8,837,650$$11,310,570$ | $\begin{array}{r} 806,658 \\ 1,300,461 \end{array}$ | $\begin{array}{r} 761,120 \\ 1,220,855 \end{array}$ | $\begin{aligned} & 2,0039,868 \\ & 1,724,740 \end{aligned}$ | 1,618,824 | 19,850,580 | 2,183,203 $1,633,231$ | $16,490,146$ $13,456,149$ |  | $6,189,172$ <br> $5,853,550$ | 755,267 | 2,296,875 <br> 1,083,271 |
| \$15,000 under $\$ 20,000$ | 727,186 | 12,741,702 |  |  |  |  | 1,441,136 | $\begin{aligned} & 25,420,336 \\ & 42,888.819 \end{aligned}$ | 1,387,762 | $\begin{aligned} & 19,182,509 \\ & 27,425,062 \end{aligned}$ | 1,155,727 | 6,431,723 | 569,013 | $\begin{aligned} & 1,407,052 \\ & 1,880,345 \end{aligned}$ |
| \$20,000 undar \$30,000 | 1,507,141 | 37,544,154 | 33,401,896$72,461,878$ | 5,212,773 | 4,909,371 | 3,898,861 | 3,247,506 |  | 3,108,297 |  | 2,441,424 | 12,360,026 | 1,457,437 |  |
| \$30,000 under $\$ 50,000$ | 2,175,209 | 84,231,238 |  | $\begin{aligned} & 14,775,880 \\ & 21,076,932 \end{aligned}$ | $\begin{aligned} & 14,234,699 \\ & 20,426,830 \end{aligned}$ | $6,976,162$$6,604,654$ | $\begin{aligned} & 5,805,990 \\ & 5,349,252 \end{aligned}$ | $\begin{array}{r} 116,072,128 \\ 93,593,928 \end{array}$ | $5.768,843$ <br> 5,326,007 | $\begin{aligned} & 84,930,039 \\ & 62,602,116 \end{aligned}$ | $4,112,818$$3,842,563$ |  | 2,863,344 | $\begin{aligned} & 4,326,035 \\ & \mathbf{5 , 8 6 5 , 3 0 1} \\ & \mathbf{5 , 0 8 6 , 6 4 5} \\ & \mathbf{2 , 5 8 2 , 6 7 1} \\ & \mathbf{2 , 5 1 2 , 0 2 1} \end{aligned}$ |
| \$50,000 under \$ 100,000 | 1,325,484 | 87,511,069 | 72,758,456 |  |  |  |  |  |  |  |  | 28,588,673 | 2,762,091 |  |
| \$100,000 under \$200,000 | 329,871 | 43,918,931 | 35,105,017 | 14,272,308 | 13,872,789 | 2,398,365 | 2,023,729 | 54,287,010 | 1,935,463 | 36,138,273 | 1,378,094 | 19.794,478 | 1,019,371 |  |
| \$200,000 under \$500,000 | 92,834 | 26,393,946 | 20,583,990 | 10,173,732 | 10,022,100 | 973,475 | 857,922 | 48,258,916 | 819,016 | 33,476,177 | 550,701 | 15,482,158 | 422,774 |  |
| \$500.000 or more | 17,925 | 18,827,623 | 13,929,455 | 8,047,501 | 7,974,518 | 334,527 | 299,632 | 49,225,732 | 284,187 | 32,065,073 | 183,796 | 19,475,470 | 150,731 |  |
| Taxable returns, | 7,367,016 | 319,514,908 | 269,994,027 | 75,641,502 | 73,821,393 | 25,822,471 | 21,378,792 | 455,878,210 | 21,023,942 | 311,707,066 | 15,498,967 | 139,878,800 | 10,323,504 | 25,108,274 |
| No adfusted gross | 13,5 | $\begin{aligned} & -988,797 \\ & 4,206,195 \end{aligned}$ |  | $\begin{array}{r} 882 \\ 242790 \\ \hline \end{array}$ | $\begin{aligned} & 144,452 \\ & 254,660 \end{aligned}$ | $\begin{array}{r} 109,949 \\ 1,467,398 \end{array}$ | $\begin{array}{r} 93,840 \\ 1,197,802 \end{array}$ | $\begin{aligned} & 7,810,024 \\ & 9,887,705 \end{aligned}$ | $\begin{array}{r} 81,716 \\ 1,190,855 \end{array}$ | $\begin{aligned} & 4,317,457 \\ & \mathbf{6} 609,807 \end{aligned}$ | $\begin{array}{r} 31,245 \\ 944,927 \end{array}$ | $\begin{aligned} & 3,506,158 \\ & , 727,107 \end{aligned}$ | $\begin{array}{r} 28,704 \\ 522471 \end{array}$ | 502,942572,678812.456$1,368.751$$1,693.559$ |
| Under \$10,000. | 621,984 |  | 4.260,957 |  |  |  |  |  |  |  |  |  |  |  |
| \$10,000 under \$15,000 | 678,489 | 8,515,114 | 7,861,693 | 767,515 | 761,120 | 1,783,756 | 1,396,481 | 15,758,152 | 1,438,420 | 10,602,148 | 1,103,564 | 4,931,958 | 680,192 |  |
| \$15,000 under $\$ 20,000$ | 696,676 | 12,200,801 | 10,974,112 | 1,273,143 | 1,220,855 | 1,656,124 | 1,383,378 | 24,443,486 | 1,339,731 | 18,525,377 | 1,098,834 | 6,028,687 | 557,290 |  |
| \$20,000 under \$30,000 | 1,448,789 | 36,136,513 | 32,488,888 | 5,110,754 | 4,909,371 | 3,687,834 | 3,108,928 | 40,793,564 | 2,974,873 | 25,394,233 | 2,296,314 | 11,493,838 | 1,391,520 |  |
| \$30,000 under $\$ 50,000$ | 2,146,648 | 88,198,4 | 72,134,473 | 14,726,313 | 14,234,699 | 6,858,928 | 5,710,096 | 112,974,707 | 5,672.626 | 82,390,327 | 4,052,414 | 28,061,982 | 2,806.514 | 4,203,691 <br> 5,804,842 <br> 5,072,683 <br> $2,571,576$ 2.503 .097 |
| \$50,000 under \$100,000 | 1,320,799 | 87,206,334 | 72,584,983 | 21,039,415 | 20,426,830 | 6.558,206 | 5,311,786 | 93,111,299 | 5,292,396 | 62,219,676 | 3,812,046 | 28,508,457 | 2,746,160 |  |
| \$100,000 under \$200,000 | 329,412 | 43,863,210 | 35,099,812 | 14,271,539 | 13,872,789 | 2,395,216 | 2,021,671 | 53,967,991 | 1,932,873 | 36,021,988 | 1,378,842 | 19,699,284 | 1,018,374 |  |
| \$250.000 under \$500,000 | 92.777 | 26,364,814 | 20,570,093 | 10,167,377 | 10,022,100 | 971,321 | 855,953 | 48,066,411 | 817,036 | 33,305,391 | 549,520 | 15,461,859 | 421,801 |  |
| \$500,000 or more | 17,906 | 18,812,278 | 13,919,014 | 8,041,774 | 7,974,518 | 333,739 | 298,857 | 48,964,869 | 283,416 | 31,820,663 | 183,261 | 19,449,15i | 150,478 |  |
| Corporate Stock |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| All retumen, total | 26,181 | 164,611,568 | 138,161,427 | 42,649,912 | 41,763,369 | 13,669, | 13,350,77 | 126,498,56 | 335,9 | 95,951,17 | 7,068,50 | 42,820,936 | 6,603,278 | 12,384,554 |
| No adjusted gross | 38,132 | 2,082,943 | 2,001,097 | [8085 ${ }_{\text {108,885 }}$ | $\begin{array}{r} 62,329 \\ 121,681 \end{array}$ | $\begin{array}{r} 183,761 \\ 1,264,704 \end{array}$ | $\begin{array}{r} 178,350 \\ 1,236,819 \end{array}$ | $\begin{aligned} & 3,480,107 \\ & 5,594,266 \end{aligned}$ | $\begin{array}{r} 179,958 \\ 1,236,350 \end{array}$ | $\begin{aligned} & 2,837,348 \\ & 5.054 .843 \end{aligned}$ | $\begin{aligned} & 113.523 \\ & 683989 \end{aligned}$ | 1,109,498 | 70,238581,420 | 468,682581,962 |
| Under \$10,000. | 362,243 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| \$10,000 under \$15,000 | 258,550 | 3,303,671 | 2928,865 | 449,284 | 435,796 | 747,503 | $\begin{aligned} & 678,345 \\ & 727,484 \end{aligned}$ | $\begin{aligned} & 3,700,475 \\ & 5,87736 \end{aligned}$ | $\begin{aligned} & 727,875 \\ & 791,067 \\ & \hline 9 \end{aligned}$ | $\begin{aligned} & 3,666,221 \\ & 5,664,112 \end{aligned}$ | 319,503389,606 | 660,762733,130 | 428,000 <br> 354,538 | $\begin{aligned} & 681,502 \\ & 626,489 \\ & 559,492 \\ & 936,592 \end{aligned}$ |
| \$15,000 under \$20,000 | 216,734 | 3,813,986 | $\begin{array}{r} 3,410,056 \\ 12,818,465 \end{array}$ |  |  | 744,142 |  |  |  |  |  |  |  |  |
| \$20,000 under \$30,000 | 581,792 | 14,500,942 |  | 2,174,721 | 2.116,933 | 1,793,566 | 1,759,219 | 6,688,671 | 1,745,211 | 6,063,081 | 853,075 | 1,562,245 | 940,491 |  |
| \$30,000 under \$50,000 | 985,196 | $\begin{aligned} & 38,552,943 \\ & 47,292,926 \\ & 27,235,206 \\ & 17,185,086 \\ & -13,660,548 \end{aligned}$ | $33,044,267$ 39,088,324 | $\begin{array}{r} 6,954,871 \\ 11,513,567 \end{array}$ | $\begin{array}{r} 6,763,836 \\ 11,201,301 \end{array}$ | $\begin{aligned} & 3,761,804 \\ & 3,251,718 \end{aligned}$ | 3,717,166 | 25,856,492 | 3,683,768 | $22.566,292$ | 1,874,845 | 5,801,362 | $\begin{gathered} 1,886,959 \\ 1,482,328 \end{gathered}$ | 2511723 |
| \$50,000 under \$100,000 | 707,339 |  |  |  |  |  | 3,159,748 | 25,689,832 | 3,156,746 | 20,633,738 | 1,769,390 | 8,239,399 |  | 3,236,704 |
| \$100,000 under \$200,000 | 203,235 |  | 21,694,723 | 8,867,430 | 8,587,470 | 1,223,151 | 1,201,448 | 19,476,396 | 1,192,966 | 13,618,187 | 668.408 | 7,675,651 | 554,745 | 1,828,707 |
| \$200,000 under \$500,000 | 60,364 |  | 13,203,211 | 6,505.516 | 6,439,491 | 526,332 | 520,748 | 14,587,363 | 513,642 | 9,015,863 | 295.570 | 6.548,992 | 230.762 | 988,215 |
| \$500,000 or more | 12,596 |  | 9,962,420 | 5,746,981 | 5,723,144 | 173,108 | 1,447 | 15,587.222 | 68,371 | 6,831,4 | . 307 | 9,368,638 | 73,799 | 627,090 |
| Taxable returns, total.. | 228,68 | 165,331,862 | 137,356,123 | 42,579,975 | 41,763,369 | 12,901,831 | 12,598,756 | 120,364,673 | 12,587,946 | 80,320,250 | 6,673,535 | 41,482,843 | 6,228,296 | 11,527,49 |
| No adjusted gross income | 3,145 | -527,307 | - | 805 | 62,329 | 29,880 | 27,988 | 1,318,659 | 29,250 | 988,836 | 15,488 | 456,792 | 14,494 |  |
| Under \$10,000 | 255,144 | 1,607,124 | 1,708,402 | 108,760 | 121,681 | 857,665 | 835,068 | 3,515,592 | 834,685 | 3,120,039 | 479,148 | 788,929 | 378,516 | 393,488 |
| \$10,000 under \$15,000 | 227,952 | 2,906,721 | 2,757,659 | 322,805 | 311,387 | 650,551 | 585,086 | 2.928,256 | 639,786 | 2,890,573 | 268,896 | 490,789 | 381,655 | 453,086 |
| \$15,000 under \$20,000 | 214,130 | 3,769,261 | 3,373,634 | 445.77 | 435,796 | 731,866 | 715,224 | 5,720,764 | 718,791 | 5,556,845 | 383,037 | 709,192 | 348,829 | 545,259 |
| \$20,000 under \$30,000 | 576,018 | 14,368,011 | 12,783,561 | 2,172,064 | 2,116,933 | 1,772,263 | 1,737,934 | 6,531,720 | 1,723,912 | 5,902,578 | 842,356 | 1,543,502 | 929,807 | 914,297 |
| \$30,000 under $\mathbf{\$ 5 0 , 0 0 0}$ | 971,379 | 38,045,971 | 32,000,417 | 6,932,025 | 6,763,836 | 3,700,436 | 3,659,174 | 25,384,582 | 3,624,860 | 22,066,149 | 1,859,822 | 5,758,874 | 1,840,514 | 2,441,014 |
| \$50,000 under \$100,000 | 705,154 | 47,153,848 | 38,092,742 | 11,486,454 | 11,201,301 | 3,239,564 | 3,147,693 | 25,521,796 | 3,144,725 | 20,474,845 | 1,763,377 | 8,217,473 | 1,476,187 | 3,223,020 |
| \$100,000 under \$200,000 | 202,884 | 27,182,108 | 21,691,018 | 8,867,216 | 8,587,470 | 1,222,179 | 1,200,476 | 19,404,646 | 1,191.994 | 13,589,172 | 667.711 | 7,631,462 | 554,468 | 1,825,253 |
| \$200,000 under \$500,000 | 60,295 | 17.165,447 | 13,182,480 | 6,500,486 | 6,439,491 | 524,851 | 519,296 | 14,548,793 | 512,202 | 8,881,502 | 294,746 | 6,540,837 | 230,105 | 984,368 |
| \$500,000 ar more .. | 12.584 | 13,650,679 | 9,958,209 | 5,743,583 | 5,723,144 | 172,476 | 170,817 | 15,489,865 | 167,741 | 6,749,712 | 88,855 | 9,344,894 | 73,621 | 619,830 |

Returns With Net Capital Gain or Loss
Table 1. - All Transactions: Income, Tax, and Transaction Detai, by Asset Type and Stee of Adjusted Gross meome-Continued [AA figures are estimates based on samplee-money amounts are in thousands of dollars]

Returns With Net Capital Gain or Loss
Table 1. - All Transactions: Income, Tax, and Transaction Detall, by Asset Type and Size of Adjusted Gross Income - Continued [All figures are estimates based on samples-money amounts are in thousands of dollars]

Returns With Net Capital Gain or Loss
Table 1. - All Transactions: Income, Tax, and Transaction Detail, by Asset Type and Size of Adjusted Gross Income - Continued [All figures are estimates based on samples-money amounts are in thousands of dollars]

Returns With Net Capital Gain or Loss
Table 1. - All Transactions: Income. Ta
Table 1. - All Transactions: Income, Tax, and Transaction Detail, by Asset Type and Ske of Adjusted Gross Income - Continued All figures are estimates based on samplos-money amounts are in thousands of dollars]

Returns With Net Capital Gain or Loss
Table 1. - All Transactions: Income, Tax, and Transaction Detail, by Asset Type and Size of Adjusted Gross Income - Continued All figures are estimates based on samples-money amounts are in thousands of dollars]


Returns With Net Capital Gain or Loss
Table 1. - All Transactions: Income, Tax, and Transaction Detail, by Asset Type and Slize of Adjusted Gross Income - Continued All figures are estimates based on samples-money amounts are in thousands of dollars]

Returns With Net Capital Gain or Loss
Table 1. - All Transactions: Income, Tax, and Transaction Detail, by Asset Type and Size of Adjusted Gross Income - Continued

Returns With Net Capital Gain or Loss
Table 1．－All Transactions：Income，Tax，and Transaction Detail，by Asset Type and Size of Adjusted Gross Income－Continued ［All figures are estimates based on samples－money amounts are in thousands of dollars］

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline \multirow[t]{3}{*}{of asset type and size} \& \multirow[t]{3}{*}{Number of} \& \multirow[t]{3}{*}{Adjusted gross less} \& \multirow[t]{3}{*}{Taxable income} \& \multirow[t]{3}{*}{\[
\begin{gathered}
\text { lincome } \\
\text { tox } \\
\text { betore } \\
\text { ceritit }
\end{gathered}
\]} \& \multirow[t]{3}{*}{\[
\begin{gathered}
\text { Total } \\
\text { income } \\
\text { taxi }
\end{gathered}
\]} \& \multirow[t]{3}{*}{\[
\begin{aligned}
\& \text { Number } \\
\& \text { of } \\
\& \text { transections }
\end{aligned}
\]} \& \multicolumn{8}{|l|}{All capital asset transactions} \\
\hline \& \& \& \& \& \& \& \multicolumn{2}{|l|}{Gross sales prioe} \& \multicolumn{2}{|l|}{Cost or other basis and expense of sale} \& \multicolumn{2}{|l|}{Gross gain} \& \multicolumn{2}{|l|}{Gross loss} \\
\hline \& \& \& \& \& \& \& Number of transactions \& Amoumt \& Number of transactions \& Amount \& Number of transactions \& Amount \& Number of transactions \& Amoum \\
\hline \& （1） \& \multirow[t]{5}{*}{\[
\begin{array}{r}
128,169 \\
-19,434
\end{array}
\]} \& \multirow[t]{2}{*}{97，172} \& \multirow[t]{2}{*}{（4） 49,185} \& \multirow[t]{2}{*}{（5）
51，015} \& \multirow[t]{2}{*}{（6）} \& \multirow[t]{2}{*}{（7）} \& \multirow[t]{2}{*}{（8）
43,506} \& \multirow[t]{2}{*}{（9） \(\begin{aligned} \& \\ \& \\ \& 247\end{aligned}\)} \& \multirow[t]{4}{*}{\begin{tabular}{l}
（10） \\
\\
5,739 \\
\(\cdot 5,248\) \\
\hline
\end{tabular}} \& \multirow[t]{3}{*}{（11）} \& \multirow[t]{3}{*}{（12）

38,653} \& （13） \& （14） <br>
\hline All returne，total ．．．．．．．．．．．．．．．． \& 976 \& \& \& \& \& \& \& \& \& \& \& \& $\bullet 41$ \& <br>
\hline No aciusted gross income \& ${ }^{68}$ \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline  \& \& \& － \& 二 \& ${ }^{-54}$ \& $\stackrel{ }{*}$ \& $\stackrel{*}{*}$ \& －9，535 \& －86 \& \& ${ }^{*} 5$ ？ \& ＊5，093 \& $\stackrel{41}{ }$ \& ＊347 <br>
\hline \＄15，000 under \＄20，000 ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．． \& － \& \& 二 \& － \& 二 \& 二 \& － \& － \& － \& \& － \& － \& － \& <br>
\hline \＄20，000 under \＄$\$ 30,000$ ．． \& －119 \& ＇3，388 \& － \& \& \& ＊＊119 \& ${ }^{\cdot 1} 1 \mathbf{1 9}$ \& $\bullet 347$ \& $\cdot \overline{117}$ \& \& 19 \& － \& \& <br>
\hline \＄30，000 under $\$ 50,000$ ． \& －514 \& －16，553 \& $\bullet 16,553$ \& $\bullet 3,076$ \& ＊3，038 \& －514 \& －514 \& $\cdot 45$ \& \& \& －514 \& 1 \& \& <br>
\hline \＄50，000 under $\$ 100,000 \ldots . .$. \& \& －4，151 \& －3，012 \& ${ }^{863}$ \& $\cdot 720$ \& $\cdot 57$ \& －57 \& $\cdot 375$ \& \& \& $5 \cdot 5$ \& $\cdot 475$ \& \& <br>

\hline \＄100，000 under \＄200，000 ．．． \& － 78 \& | $\cdot 12.564$ |
| :--- |
| -36883 | \& －9，018 \& －3，872 \& $\cdot 3,588$ \& $\cdot 79$ \& $\cdot 79$ \& －2，239 \& \& \& $\cdot 79$ \& $\cdot 2,238$ \& \& <br>

\hline \＄500，000 or more ．．．．．．．．．． \& ${ }^{10} 40$ \& $-36,883$
74,064 \& $-29,737$
38,852 \& $-17,807$

23,567 \& －16，729 \& －101 82 \& －101 \& $\stackrel{4}{4,073}$ \& 31 \& $\cdot 46$ \& －101 \& －4，026 \& \& <br>
\hline Taxable returna，total．． \& 79 \& 141，030 \& 97，172 \& 49，185 \& 51，015 \& 848 \& 848 \& 35，568 \& 56 \& 545 \& 848 \& \& \& <br>
\hline No adiusted gross income \& ＊ 5 \& －3，199 \& － \& － \& －289 \& $\cdot 13$ \& \& \& \& \& \& \& \& <br>
\hline Under $\$ 10,000$ under $\mathbf{\$ 1 5 . 0 0 0}$ ．．．．．．．． \& \& \& \& － \& －54 \& $\cdots$ \& $\cdots$ \& －54 \& 12 \& 18 \& $\stackrel{*}{*}$ \& －1，619 \& － \& <br>
\hline \＄15，000 under $\$ 20,000 . .$. \& 二 \& － \& \& － \& － \& － \& － \& － \& － \& － \& － \& － \& \& <br>
\hline \＄20，000 under \＄30，000 \& － \& － \& \& \& \& \& \& \& \& \& \& － \& \& <br>
\hline \＄30，000 under $\$ 50,000$ ． \& ${ }^{*} 516$ \& ＊＊16，567 \& －16，553 \& ＊3，076 \& \& ＊516 \& \& ＊45 \& \& \& \& －- \& \& <br>
\hline \＄$\$ 50,000$ under $\$ 100,000 \ldots$. \& .57 \& －4，151 \& －3，012 \& －863 \& $\cdot 720$ \& －57 \& ＊57 \& －375 \& － \& \& －57 \& $\cdot 375$ \& \& <br>
\hline \＄200，000 under $\$ 5000.000$ ． \& －101 \& －36，883 \& －29，737 \& －17，807 \& －36，588 \& －791 \& －791 \& －2，239 \& ${ }^{31}$ \& 46 \& －791， \& －2，239 \& － \& <br>
\hline \＄500，000 or more ．．．．．．．．． \& 40 \& 74．064 \& 38，852 \& 23，567 \& 26，597 \& 82 \& 82 \& 26，974 \& 13 \& －309 \& 82 \& 26，665 \& \& <br>
\hline Standing Timber \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline All retums，total ．．．．．．．．．．．．．． \& 63，050 \& 2，075，075 \& 1，886，316 \& 54，067 \& 534，978 \& 67，373 \& 66，951 \& 690，299 \& 27，975 \& 100，652 \& 66，520 \& 591，579 \& 853 \& 1，932 <br>
\hline No adjusted gross income ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．． \& 2，937 \& －148，154 \& \& － \& －796 \& 3,318 \& \& \& \& \& \& \& \& <br>
\hline Under $\mathbf{\$ 1 0 , 0 0 0 .}$ $\mathbf{\$ 1 0 , 0 0 0}$ under \＄15，000

$\qquad$ \& 15．458 \& 103，336 \& －102，305 \& $\cdot 2,494$ \& ＊2，035 \& 15，458 \& 15，458 \& 47，121 \& $\begin{array}{r}135 \\ \hline 7.556\end{array}$ \& $$
\begin{array}{r}
6,845 \\
* 10,385
\end{array}
$$ \& $\begin{array}{r}3,302 \\ 15,458 \\ \hline\end{array}$ \& 40,346

29,736 \& 16 \& （2） <br>

\hline  \& ${ }_{-6,620} \mathbf{- 6 , 4 2 5}$ \& | $-91,280$ |
| ---: |
| $-122,400$ | \& －87，634


$\cdot 121,851$ \& －12，277 \& －${ }_{-11,003}$ \& | -6.425 |
| :--- |
| 7738 | \& －6，425 \& －39，001 \& $\bullet 6,383$ \& －23，310 \& －6，425 \& －15，691 \& \& <br>

\hline \＄20，000 under $\$ 30,000$ ．．． \& －14，812 \& $\cdot 373,140$ \& － 351,854 \& －154，225 \& － 51,0877 \& －$\cdot$－7，738 \& －${ }_{-14,7812}$ \& －$\sim_{*}^{16,85,479}$ \& ${ }^{-9,690}$ \& $\bullet 35,369$ \& $\stackrel{*}{*} 71738$ \& －16，856 \& \& <br>
\hline \＄30，000 under $\$ 50,000 \ldots$ \& 6，017 \& 216，416 \& 180，492 \& 36，450 \& 34，215 \& 6，019 \& 6，019 \& 51，978 \& －321 \& \& 54，713 \& \& \& <br>

\hline \＄50，000 under $\mathbf{\$ 1 0 0 , 0 0 0 \ldots .}$ \& 7,74 \& 552.573 \& 477，171 \& 143，967 \& 138，666 \& 8，088 \& 8,088 \& 120，838 \& －325 \& ${ }^{-5,215}$ \& | 5,713 |
| :--- |
| 8.087 | \& 46,763

120,619 \& $\cdots 307$ \& $\cdots$ <br>
\hline \＄200，000 under \＄500，000．． \& 1,787
1,100 \& 239,249

332,809 \& | 188,446 |
| :--- |
| 244,727 | \& 75,739

126,915 \& 76，653
129,531 \& 3,719
1,570 \& 3.459 \& 124，854 \& 2.698 \& 15，952 \& 3，312 \& 110，715 \& －407 \& －1，813 <br>
\hline \＄500，000 or more ．．．．．．．．．． \& 140 \& 192，027 \& 129，339 \& 72，965 \& 129，102 \& 1，570 \& $\begin{array}{r}1,458 \\ \hline 226\end{array}$ \& 25,911
6,071 \& 787
80 \& 1,921
1,433 \& 1,457
216 \& 24，094 \& －113 \& $\cdot 105$ <br>
\hline Taxable returns，total ．．． \& 58，778 \& 2，207，638 \& 1，876，995 \& 543，893 \& 534，978 \& 62，751 \& 62，329 \& 643，095 \& 27，870 \& 97，030 \& 61，915 \& 547，995 \& 38 \& <br>
\hline No adjusted gross income \& $\cdot 10$ \& －4，677 \& \& － \& ＊796 \& 42 \& 42 \& \& \& \& \& \& \& <br>
\hline  \& －14，169 \& －93，472 \& －93，466 \& －2，345 \& －2，035 \& －14，${ }^{42}$ \& －14，469 \& －73，244 \& ${ }^{-7} 752$ \& － $\begin{array}{r}\text {－3，260 } \\ \cdot 10,385 \\ \hline\end{array}$ \& ${ }_{-14169}^{42}$ \& －3，760 \& － \& － <br>
\hline \＄10，000 under \＄ $15,000$. \& $\bullet 6,383$ \& －90，747 \& －87，322 \& －12，269 \& －12，099 \& $\cdot 6,383$ \& $\cdot 6,383$ \& －38，884 \& －6，383 \& \& －${ }^{14,169}$ \& －22，859 \& \& <br>
\hline \＄15，000 under $\$ 20,000$. \& $\cdot 6,620$ \& －122，400 \& $\cdot 121,851$ \& $\cdot 14,314$ \& $\cdot 11,003$ \& $\cdot 7,738$ \& －7，738 \& $\cdot{ }^{-16,886}$ \& 6，383 \& －23，310 \& －6，383 \& －16．574 \& \& <br>
\hline \＄20，000 under \＄30，000． \& $\cdot 14,812$ \& －373，140 \& $\cdot 354,350$ \& －54，225 \& $\cdot 52,877$ \& ＊14，812 \& －14，812 \& $\cdot 217,479$ \& $\bullet 9,690$ \& ＊35，369 \& －14，812 \& －182，109 \& 二 \& <br>
\hline \＄30，000 under $\$$ \& 6.004 \& 215，985 \& 180，391 \& 36，435 \& 34，215 \& 6.006 \& 6，006 \& 51，976 \& 321 \& －5，215 \& 5，700 \& 46，761 \& 306 \& （2） <br>

\hline \＄100，000 under \＄200，000 ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．． \& 1,767 \& 239，249 \& 478．163 \& | 143,957 |
| ---: |
| 75.739 | \& 138，666 \& 8.086 \& ${ }^{8,086}$ \& 120，802 \& －323 \& －184 \& 8，086 \& 120，618 \& \& （2） <br>

\hline \＄200，000 under \＄500，000 ．．．．．．． \& 1，100 \& 332，809 \& 244，727 \& 126，915 \& 129，531 \& 1，570 \& 1.458 \& 124，854 \& $\begin{array}{r}2,698 \\ \hline 87\end{array}$ \& 15，952 \& 3，312 \& 110.715 \& ＊407 \& $\cdot 1,813$ <br>
\hline \＄500，000 or more ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．． \& 140 \& 192，027 \& 129，339 \& 77.685 \& 77，102 \& 226 \& ，226 \& 25，971
$\mathbf{6 , 0 7 1}$ \& 80
80 \& 1，933 \& 1,457
216 \& 24,094
4,649 \& － 113 \& ${ }_{\cdot 11}{ }_{11}$ <br>
\hline
\end{tabular}

## Returns With Net Capital Gain or Loss

Table 1．－All Transactions：Income，Tax，and Transaction Detail，by Asset Type and Size of Adjusted Gross Income－Continued ［All figures are estimates based on samples－money amounts are in thousands of dollars］

|  |  |  |  |  |  |  |  |  |  | Al capital asael | transections |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| set type and size | Number or | $\begin{aligned} & \text { grosss } \\ & \text { income } \end{aligned}$ | Texable | Income | Total ncom | Number | Gross sale | price | Cost or on |  | Gross |  | Gross |  |
|  |  |  |  |  |  |  | Number of transactions | Amount | Number of transactions | Amoum | Number of transactions | Amoum | Number of transactions | Amount |
|  | （1） | （2） | （3） | （4） | （5） | （6） | （7） | （8） | （9） | （10） | （11） | （12） | （13） | （14） |
| Other Farm Land With （Section 1231） Unharvested Crop |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| All returns，total ．．．．．． | 5，414 | 76，627 | 148，497 | 55，911 | 75，237 | 5，672 | 5，625 | 619，157 | 183 | 194，447 | 5，360 | 469，120 | 12 | 16，99 |
| No adiusted gross income | 2，747 | －101，767 |  | － | $\cdot 14,013$ | 2，810 | 2，808 | 453，328 | 805 | 413 | 2，604 |  | 08 | ，606 |
| Under $\$ 10,000 . . . . . . . . .10$ | －1，128 |  | ${ }^{781}$ | ＝ | 二 | $\pm$ | － |  | ＝ |  |  |  | 二 | Z |
|  | ${ }^{8}$ | －123 | ニ | 二 |  | ${ }_{8}$ | $\stackrel{8}{8}$ | $\cdot 558$ | $\stackrel{-8}{-8}$ | $\stackrel{486}{ }$ | $\bullet$ | $\stackrel{3}{37}$ | 二 |  |
| \＄20，000 under \＄30，000 ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．． | － |  |  |  |  | － |  |  |  |  |  |  |  |  |
| ${ }_{550,000} \mathbf{5 3 0 0 0}$ under $\$ 550,000 . . . .$. | －931 | －54，981 | －51，965 | $\bullet 13,991$ | －16．695 | －931 | －931 | －101，832 | －931 | －15，634 | －931 | －92，022 | 5 | － |
| \＄100，000 under \＄200，000．．． | 459 | ${ }^{60,946}$ | ${ }^{46,088}$ | ${ }^{16,222}$ | 19，779 | （608 | （108 | （13．244 |  |  |  |  |  |  |
| \＄2200，00 under \＄500，000 ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．． | ${ }_{33}^{108}$ | －${ }_{\text {28，622 }}$ | ${ }_{2}^{22,645}$ | －12，019 | 12，742 | 43 | ${ }_{38}$ | 13，409 | ${ }^{137}$ | 4，917 | 32 | 9，344 | $\cdot 11$ | ${ }^{198}$ |
| Taxable returns，total ．．．．．．．．． | 3，602 | 150，274 | 147，716 | 55，911 | 75，237 | 3，807 | 3，762 | 515，797 | 3，451 | 126，910 | 3，695 | 413，152 | 112 | 468 |
|  | $\cdot 2,063$ |  |  |  | ${ }^{14,013}$ | $\cdot 2,073$ | $\cdot^{2,073}$ | －350，193 | $\cdot 2,073$ | $\cdot 90,877$ | $\cdot 2,067$ | －272，798 | $\cdot 6$ | $\cdot 84$ |
| Under \＄10，000．．．．．．．．．．．．．．．．．．．．．． |  | － | － | － | 二 | $\pm$ | 二 | － | 二 |  | 二 |  | 二 | ＝ |
|  | ${ }_{-8}$ | －123 | 二 | 二 | $\stackrel{-}{29}$ | $\bar{\square}$ | ${ }_{8}$ | $\cdot 558$ | $\stackrel{-8}{8}$ | －486 | $\stackrel{8}{-8}$ | $\stackrel{37}{ }$ | 二 |  |
| \＄20，000 under $\$ 330000$ ．．．．．．．．．．．．． | － |  |  |  |  | I |  |  |  |  | － |  |  |  |
| \＄30，000 undor $\$ 50.0000$ |  |  |  |  |  | －931 | －931 |  | －931 |  | －－931 |  |  |  |
| \＄$\$ 100.000$ under $\$ 200,000$ ． | 459 | 60，946 | 48.088 | ${ }^{16,222}$ | 19,779 | 608 | 608 | ${ }^{36,244}$ | ${ }^{265}$ | ${ }^{9.346}$ |  | 29，391 | 5 | ${ }^{(2)}$ |
| \＄${ }^{\text {S200，000 under }}$ \＄500，000 | 108 33 | －${ }_{28,622}$ | 27,019 22,645 | 12.678 13.019 | 11,980 12,742 | 144 43 | 104 38 | 13,460 13,409 | 137 <br> 37 | 54，971 | 109 32 | 9，344 | 11 | ${ }_{-188}$ |
| Qualified Gains on Farm Land With Unharvested Crop（Section 1251） |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| All returns，total ．．．．．．．．．．．．．．．．．．． | 456 | 88，372 | 58，126 | 31，456 | 31，573 | 515 | 471 | 32，729 | 151 | 4，391 | 471 | 28，748 | 44 | （2） |
| No adiusted gross income | ${ }^{78}$ | － 14 | － | － | －194 | －88 | $\cdot 48$ | $\cdot 1,247$ | ＊ 41 | $\cdot 1,030$ | $\stackrel{48}{ }$ | －407 | 40 | （2） |
| Under \＄10，000．．．．．．．．．．．．．．．． | － |  | － | － | － | I | 二 | 二 | 二 | こ | 二 | 二 | 二 |  |
| \＄11．000 under \＄$\$ 15.000 \ldots . . . . . . .$. | $\cdot \stackrel{-24}{ }$ | $\cdot 374$ | － 374 | $\stackrel{-24}{ }$ | 二 | ：48 | $\stackrel{48}{ }$ | ${ }^{185}$ | $\stackrel{48}{4}$ | ${ }^{113}$ | ${ }^{48}$ | $\stackrel{\cdot 85}{ }$ | 二 |  |
| \＄20，000 under $\$ 30,000 . . . . . .$. |  |  |  |  |  | － |  |  | － |  |  |  |  |  |
|  | 276 | －3165 | $\cdot 15455$ | －6，168 | － | ${ }_{-2} \frac{7}{7} 7$ | $\stackrel{-}{276}$ | －$\overline{-7}$ | $\stackrel{-}{7}$ |  | $\stackrel{-}{276}$ | $\stackrel{\square}{\text {－}}$ | 二 | － |
| \＄ $\begin{aligned} & \text { \＄100，000 under } \$ 2000,000 \\ & \$ 200,000 \\ & \text { under } \$ 500000\end{aligned}$ | ${ }_{-} \cdot \mathbf{2 7 6}$ | － 31.68 | －15，455 | $\stackrel{* 6.168}{7,069}$ | $\stackrel{-6,23}{7,7398}$ |  | ${ }_{-61}{ }^{276}$ | $\stackrel{-9,972}{ }$ | － 24 | ${ }_{-1.1235}^{223}$ |  | ${ }_{-8,681}$ | － |  |
| \＄5200，000 or more ．．．．．．．．．．．． | 20 | 47，832 | 30，349 | 18，194 | 17，748 | 42 | 38 | 17，583 | 35 | 1，679 | ${ }^{38}$ | 16.078 | 4 | （2） |
| Taxable returns，total ．．．．．．．． | 358 | ，617 | 57，752 | 31，432 | 31，573 | 391 | 387 | 31，604 | 69 | 3，424 | 7 | 28，559 | 4 | （2） |
| No adiustod gross income． | $\cdot 4$ | $-4,205$ | － | － | 184 | $\cdot{ }^{12}$ | $\cdot 12$ | －307 | $\cdot 7$ | －176 | $\cdot 12$ | ${ }^{3} 303$ | 二 | ＝ |
| Under $\mathbf{\$ 1 0 , 0 0 0}$（10．．．．．．．．．．．．．．．．．．．．．．．．． | 二 |  |  | － | － | I | － |  | － | 二 | 二 | 二 | － | ＝ |
|  | － | － |  | － | － | I | － |  | 二 |  | － |  | － |  |
| \＄20，000 under $\$ 30,000$ ．．．．．．．．． | － | － |  |  |  | － | － |  | － | － | － |  | － | － |
| ${ }_{\text {S }} \mathbf{5 3 0 , 0 0 0}$ under $\$ 50,000$ under $\$ 100.000 . . .$. | 二 |  |  |  |  | E | 二 | 二 | － | 二 | － | 二 | 二 | $=$ |
| \＄100，000 under $\$ 2200.000 . . . . .$. | ${ }_{-28}{ }^{27}$ | ${ }_{-3,31.665}$ |  |  | $\stackrel{*}{*} \mathbf{7 , 2 3 3}$ | ${ }^{-276}$ | ${ }_{\cdot 61}^{278}$ | －3，742 | $\cdot{ }^{-3}$ | $\stackrel{\cdot 1,235}{1 / 23}$ | －2768 | ${ }_{-8,661}$ | 二 |  |
| $\$ 200,000$ under $\$ 500,000$ <br> $\$ 500,000$ or more | 208 | $\begin{array}{r} \bullet 23,325 \\ 47,332 \end{array}$ | 11,98 30,349 | 18，194 | 17，748 | 42 | ${ }_{38}$ | 17，583 | 35 | 1，679 | 38 | 8，8078 | ${ }_{4}$ | （2） |

## Returns With Net Capital Gain or Loss

Table 1. - All Transactions: Income, Tax, and Transaction Detail, by Asset Type and Size of Adjusted Gross Income - Continued
[All figures are estimates based on samples-money amounts are in thousands of dollars]


Table 1. - All Transactions: Income, Tax, and Transaction Detail, by Asset Type and Size of Adjusted Gross Income - Continued [All figures are estimates based on samples-money amounts are in thousands of dollars]

As Aset type and size Personal Residences

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline \multirow[t]{3}{*}{Asset type and size of adjusted gross income} \& \multirow[t]{3}{*}{Number of returns} \& \multirow[t]{3}{*}{Adjusted income less defict} \& \multirow[t]{3}{*}{\(\underset{\substack{\text { Taxable } \\ \text { income }}}{\substack{\text { and }}}\)} \& \multirow[t]{3}{*}{\(\substack{\text { licome } \\ \text { betoter } \\ \text { betore }}\) \begin{tabular}{c} 
betorote \\
crocits \\
\hline
\end{tabular}} \& \multirow[t]{3}{*}{\[
\substack{\text { Titotal } \\ \text { income } \\ \text { tax }}
\]} \& \multirow[t]{3}{*}{\[
\begin{gathered}
\text { Number } \\
\text { transactions }
\end{gathered}
\]} \& \multicolumn{8}{|l|}{All captal assen transacions} \\
\hline \& \& \& \& \& \& \& \multicolumn{2}{|l|}{Gross sales price} \& \multicolumn{2}{|l|}{Cost or other basis and expense of sale} \& \multicolumn{2}{|l|}{Gross} \& \multicolumn{2}{|l|}{Gross loss} \\
\hline \& \& \& \& \& \& \& Number of \& unt \& Number of transactions \& Anoum \& Number of transactions \& Amount \& Number of
transactions \& Amoun \\
\hline \multirow[t]{2}{*}{Personal Residences} \& (1) \& (2) \& (3) \& (4) \& (5) \& (6) \& (7) \& (8) \& (9) \& (10) \& (11) \& (12) \& (13) \& (14) \\
\hline \& \multirow[t]{2}{*}{1,009,772} \& \& \multirow[t]{2}{*}{48,055} \& \multirow[t]{2}{*}{} \& \multirow[t]{2}{*}{5892853} \& \multirow[t]{2}{*}{40,256} \& \multirow[t]{2}{*}{01} \& \multirow[t]{2}{*}{, 193} \& \multirow[t]{2}{*}{1,031,487} \& \multirow[t]{3}{*}{50,882,199} \& \multirow[t]{3}{*}{1,030,353} \& \multirow[t]{3}{*}{31,112,803 205.918} \& \multirow[t]{2}{*}{\(\bullet 9,002\)} \& \multirow[t]{2}{*}{\(\cdot 1,819\)} \\
\hline All retumes, total. \& \& 34,317,739 \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline adiusted gross income \& \& \& \& 6,034,233 \&  \& \multirow[t]{2}{*}{6,951} \& \multirow[t]{2}{*}{\[
\begin{array}{r}
6,950 \\
100,766
\end{array}
\]} \& \& \multirow[t]{2}{*}{\({ }^{6.8093}\)} \& \& \& \& \multirow[t]{3}{*}{} \& \multirow[t]{3}{*}{\(\frac{\square}{\text { (2) }}\)} \\
\hline Under \(\mathbf{s 1 0 , 0 0 0}\)............. \& 99 \& 562,493 \& 474,211 \& \& 11,702 \& \& \& 5,130,004 \& \&  \&  \& \multirow[t]{2}{*}{\[
\begin{array}{r}
205.918 \\
\begin{array}{l}
1,525.170 \\
2,211,834
\end{array}
\end{array}
\]} \& \& \\
\hline \$10.000 under \(\mathbf{\$ 1 5 , 0 0 0}\). \& 74,753 \& \({ }^{933,276}\) \& 7399700 \& \({ }^{63,903}\) \& 54,755 \& 74,759 \& \({ }^{69,550}\) \& 4,597,844 \& 69,550 \& 2.389,328 \& \({ }^{69,550}\) \& \& \& \\
\hline \$20,000 under \$30,000. \& - \&  \&  \& -1688.069 \& - \(\begin{array}{r}161,916 \\ 646,704\end{array}\) \& \begin{tabular}{l}
123,683 \\
239,150 \\
\hline
\end{tabular} \& - \& - \(\begin{array}{r}8,207,792 \\ 15,125,271\end{array}\) \& \({ }_{237,99}^{123,68}\) \& 5.087,640 \& - \({ }_{\text {1238,804 }}^{12,68}\) \& 3, \({ }^{3,755,283}\) \& 348 \& 19 \\
\hline \$30.000 under \$50,000. \& \({ }^{327,894}\) \& 12.661 .552 \& 10,200,5 \& \multirow[t]{4}{*}{\(1,913,642\)
\(1,625,539\)
8 425,587 269,82} \& \multirow[t]{4}{*}{\(1,844,24\)
\(1,568,04\) \({ }^{853,092}\) 4297,429
26,48} \& \multirow[t]{4}{*}{\[
\begin{gathered}
339,449 \\
127,059 \\
23,493 \\
4,469 \\
4.269 \\
\hline 689
\end{gathered}
\]} \& \multirow[t]{4}{*}{} \& \multirow[t]{4}{*}{\(28,874,106\)
\(13,869,623\)
4,1 4,169,601 279,568} \& \multirow[t]{4}{*}{\[
\begin{array}{r}
339,168 \\
125,001 \\
23,493 \\
4,253 \\
681
\end{array}
\]} \& 17,762,533 \& 339,168 \& 11,031,188 \& \& \({ }^{(2)}\) \\
\hline \$50,000 under \(\$ 1000000000\) \& \begin{tabular}{c}
123,112 \\
22,864 \\
\hline
\end{tabular} \& comer \&  \& \& \& \& \& \& \&  \& \& (1,599,358 \& 2.052 \& (2) \\
\hline \$200,000 under \$500,000 \& 4,207 \& \({ }_{\text {1,171,668 }}\) \& \({ }^{905,638}\) \& \& \& \& \& \& \& 613,170 \& 4.253 \& \({ }_{643}\) \& 18 \& \\
\hline \$500,000 or more .......... \& \& 626,983 \& 481,598 \& \& \& \& \& \& \& 133,5 \& 685 \& 145,6 \& \& (2) \\
\hline Taxable returns, total ...... \& 897,779 \& 33,595,301 \& 27,326,099 \& 6,014,191 \& 5,842,853 \& \& 919,159 \& 73,845,741 \& 46 \& 44,943,715 \& 918,811 \& 28,826,764 \& 9,902 \& \(\cdot 1,819\) \\
\hline adustod gross income \& \& \& \& \multirow[t]{2}{*}{\[
\begin{array}{r}
\cdot 387 \\
8,734 \\
\hline, 74
\end{array}
\]} \& 5.685 \& \multirow[t]{2}{*}{\({ }^{4} 495\)} \& \multirow[t]{2}{*}{} \& \multirow[t]{2}{*}{58,999
\(1,319,169\)} \& \multirow[t]{2}{*}{\({ }_{32,282}^{438}\)} \& \multirow[t]{2}{*}{} \& \multirow[t]{2}{*}{\({ }_{3}{ }^{4.284}\)} \& \multirow[t]{2}{*}{\(\begin{array}{r}34,336 \\ 443,841 \\ \hline\end{array}\)} \& \multirow[t]{2}{*}{\(\stackrel{\square}{\square}\)} \& \multirow[t]{3}{*}{\(\stackrel{\square}{\text { (2) }}\)} \\
\hline Under \(\$ 10,000\). \& ,046 \& 213.8 \& \({ }^{2020.747}\) \& \& \({ }^{11,702}\) \& \& \& \& \& \& \& \& \& \\
\hline \$ \$15,000 under \& \& \& \& \multirow[t]{2}{*}{\[
\begin{array}{r}
56,593 \\
167,478
\end{array}
\]} \& \(\begin{array}{r}54,755 \\ 161,916 \\ \hline\end{array}\) \& \(\begin{array}{r}\text { 57,068 } \\ 117,079 \\ \hline\end{array}\) \& \(\begin{array}{r}\text { 52,76 } \\ \hline 117,079\end{array}\) \& \({ }_{\substack{3,662,208 \\ 7,573,168}}^{4,}\) \& \(\begin{array}{r}\text { 52,765 } \\ 117,079 \\ \hline\end{array}\) \& 1,731,795 \& 52,706 \& - 1.936 .5880 \& \& \\
\hline \$20,000 under \$30,000. \& 226,121 \& 5,632,744 \& 4,885,981 \& \& -646,704 \& 232,77 \& 232,77 \&  \& \({ }_{231,626}\) \& 9,811,123 \& 230,431 \& - \& \(\cdots 2,346\) \& 1.619 \\
\hline ,000 under \(\$ 50,000\) \& 32 \& 12,425,3 \& 10,182,368 \& \multirow[t]{4}{*}{\(\begin{array}{r}1,913,140 \\ 1.625,49 \\ 877,20 \\ 425,185 \\ \\ \hline\end{array}\) 268,82} \& \multirow[t]{5}{*}{\begin{tabular}{l}
\(1,844,241\) \\
1,568046 \\
\hline 85,092 \\
492,283 \\
267,429
\end{tabular}} \& \multirow[t]{5}{*}{} \& \multirow[t]{5}{*}{330,447
124,886
23,493
4,247
687} \& \multirow[t]{5}{*}{\(27,325,957\)
\(13,847,178\)
\(4,169,60\)
\(1,259,487\)
279,568} \& \multirow[t]{5}{*}{330.447
124.888
23,493
4,243
681} \& \multirow[t]{5}{*}{} \& \multirow[t]{5}{*}{\[
\begin{gathered}
330,447 \\
114.488 \\
23,493 \\
4,247 \\
4.895
\end{gathered}
\]} \& \multirow[t]{5}{*}{\(10,817,997\)
\(5.54,626\)
\(1.885,537\)
643,555
145,638} \& \multirow[t]{2}{*}{2,052} \& \multirow[t]{2}{*}{(2)} \\
\hline \$50,000 under \(\$ 1.00,000\) \& \begin{tabular}{|c|}
122.999 \\
\hline 2.989
\end{tabular} \& 7,932, \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline \$ \$200,000 under \$500,000. \& 42.804 \& \({ }^{2}, 1175\) \& ,27,196 \& \& \& \& \& \& \& \& \& \& \& \\
\hline \$500,000 or more \& 669 \& 628,983 \& 481,598 \& \& \& \& \& \& \& \& \& \& \& (2) \\
\hline Nonbusiness Real Property, Except Personal Residences \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline All returne, total.. \& 725,029 \& 27,843,940 \& 23,927,352 \& 6,777,040 \& 34,697 \& 855,934 \& 804,538 \& 38,852,756 \& 773,870 \& 20,92 \& 727,974 \& 18,478,517 \& 127,960 \& 280,762 \\
\hline No aduusted gross income \& 30,956 \& .662,00 \& \& \multirow[t]{2}{*}{\(\stackrel{.27}{9.583}\)} \& \multirow[t]{2}{*}{98.657} \& \multirow[t]{2}{*}{\({ }_{88,874}^{44,397}\)} \& \multirow[t]{2}{*}{\({ }_{88}^{42,989}\)} \& \multirow[t]{2}{*}{\[
\begin{aligned}
\& 3,714,002 \\
\& 1.563,383
\end{aligned}
\]} \& \multirow[t]{2}{*}{\({ }_{82,932}^{40,121}\)} \& \multirow[t]{2}{*}{\[
\begin{aligned}
\& 2.187,890 \\
\& , 800.005
\end{aligned}
\]} \& \multirow[t]{2}{*}{38.4892
880689

88} \& \multirow[t]{2}{*}{| $1,601,760$ |
| :--- |
| 621,168 |} \& \multirow[t]{2}{*}{7,995} \& \multirow[t]{3}{*}{} <br>

\hline Under \$10,000. \& 81,129 \& 435,8, \& 355,579 \& \& \& \& \& \& \& \& \& \& \& <br>

\hline \$10,000 under $\$ 15,000$ \& 77,649 \& 942,549 \& 847,148 \& \multirow[t]{2}{*}{- $\begin{array}{r}\text { 68,549 } \\ 123,300 \\ \hline\end{array}$} \& \multirow[t]{2}{*}{$\begin{array}{r}77,627 \\ 131,464 \\ \hline\end{array}$} \& \multirow[t]{2}{*}{| 800.023 |
| :--- |
| 81,118 |
| 8 |} \& \multirow[t]{2}{*}{73,798

79882} \& \multirow[t]{2}{*}{\begin{tabular}{l}
$2,011,398$ <br>
$1,668,908$ <br>
\hline

} \& 71,647 \& 

1.136 .439 <br>
1.046 .046 <br>
\hline 1
\end{tabular} \& \multirow[t]{2}{*}{70,750

75,924} \& \& \& <br>
\hline \$15,000 Under $\$ 230,000$ \& 70,131

133,176 \& - \begin{tabular}{l}
$1,250,293$ <br>
$3,261,056$ <br>
\hline

 \& ${ }_{\substack{1,874,828}}^{1,08967}$ \& \& \& \& \& \& $\begin{array}{r}78,073 \\ \hline 135,234 \\ \hline\end{array}$ \& - 

$1,046,046$ <br>
$2,503,142$ <br>
\hline

\end{tabular} \& \&  \& \[

$$
\begin{array}{r}
5,194 \\
27,502
\end{array}
$$
\] \& 15.819

40,887 <br>

\hline \$30,000 under \$50,000. \& 174,415 \& 6.876,382 \& 5,866,824 \& \multirow[t]{4}{*}{} \& \multirow[t]{4}{*}{} \& \multirow[t]{4}{*}{$$
\begin{gathered}
212,60 \\
142,87 \\
14178 \\
41783 \\
12,03 \\
3,019
\end{gathered}
$$} \& \multirow[t]{4}{*}{} \& \multirow[t]{4}{*}{} \& \multirow[t]{4}{*}{} \& \multirow[t]{4}{*}{} \& \multirow[t]{4}{*}{\[

$$
\begin{gathered}
182,040 \\
128,685 \\
38,300 \\
10,786 \\
2,696 \\
\hline
\end{gathered}
$$

\]} \& \multirow[t]{4}{*}{| $4,26,685$ $4,487.599$ $2.575,784$ 1,302896 |
| :--- |
| 1,302,856 |} \& \multirow[t]{4}{*}{\[

$$
\begin{gathered}
50,565 \\
14,87 \\
3,483 \\
1,429 \\
1,327
\end{gathered}
$$
\]} \& \multirow[t]{4}{*}{} <br>

\hline \$50,000 under $\$ 100,000$. \& 115,944 \& 7 7,605,324 \& 5,202,784 \& \& \& \& \& \& \& \& \& \& \& <br>
\hline \$100,000 under $\$ 5200,000$ \& 30,329 \& - 3.9231 .537 \& 3.007.496 \& \& \& \& \& \& \& \& \& \& \& <br>
\hline \$500,000 or more ......... \& 2,091 \& 2,396,498 \& 1,766,491 \& \& \& \& \& \& \& \& \& \& \& <br>
\hline Taxable returns, total \& 636,265 \& 28,610,902 \& 23,637,146 \& 8,768,652 \& 6,784,697 \& \& 701,978 \& 34,526,301 \& 681,237 \& 18,094, \& 37,40 \& 8,902, \& 111,941 \& 231,505 <br>

\hline No adiustod gross income \& \& \& \& \multirow[t]{3}{*}{$$
\begin{array}{r}
8.27 \\
68,1.108 \\
6
\end{array}
$$} \& 98.657 \& \multirow[t]{2}{*}{2.546

39,503} \& 2,497 \& \multirow[t]{2}{*}{$$
\begin{gathered}
63,545 \\
8866.001
\end{gathered}
$$} \& \multirow[t]{2}{*}{- ${ }_{\text {2,284 }}^{3,503}$} \& \multirow[t]{2}{*}{216.553

489,472} \& \multirow[t]{2}{*}{$\begin{array}{r}2,469 \\ 34,874 \\ \hline\end{array}$} \& \multirow[t]{2}{*}{454,343} \& \multirow[t]{2}{*}{} \& \multirow[t]{3}{*}{- 1.4898} <br>
\hline Under \$10.000............ \& ${ }^{33,916}$ \& \& \& \& \& \& \& \& \& \& \& \& \& <br>

\hline \$ \& | 73,024 |
| :--- |
| 6600 | \& - $1,1850.807$ \& - $\begin{array}{r}1820,241 \\ 1,052,251\end{array}$ \& \& \multirow[t]{2}{*}{131,464

428,978} \& 774,887 \& \& - 1 \& ${ }_{74,842}^{68,599}$ \& \multirow[t]{2}{*}{$$
\begin{array}{r}
969,025 \\
2,328,793
\end{array}
$$} \& \multirow[t]{2}{*}{73,482

118,787} \& \multirow[t]{2}{*}{} \& -8,452 \& <br>
\hline \$20,000 under $\$ 30,000$ \& 131,117 \& 3,214,425 \& 2,852,569 \& - $\begin{array}{r}121,012 \\ .441,105 \\ \hline\end{array}$ \& \& 146,172 \& 133,125 \& (1,577,454 \& 13,
13,948 \& \& \& \& 27,385 \& 14,042
40,887 <br>
\hline \$30,000 under $\$ 50,000$ \& 172,706 \& \& \& \& \& \& \& 8,429 \& 180,593 \& 4,239,169 \& 181,689 \& \& \& <br>
\hline \$50.000 under \$100.000 \& 115,160 \& 7,554,404 \& 6.191,570 \& 1,753,533 \& 1,723,164 \& 142,088 \& 137,16 \& \& \& 5,818,700 \& \& 4.482,192 \& \multicolumn{2}{|l|}{\multirow[t]{2}{*}{}} <br>
\hline \$ $\$ 200,000$ under $\$ 550,000$ \&  \&  \& ${ }^{2}$ \& $\xrightarrow{1.1780,470}$ \& (1.1754.872 \& 迷 \& \& - \& \& \& - ${ }_{10}^{38,786}$ \& - \& \& <br>
\hline \$500,000 or more \& 2,091 \& 2,396,498 \& 1,716,491 \& 1,005,934 \& 1,017,418 \& 3,019 \& 2,940 \& 1,061,821 \& 2,708 \& 374,905 \& 2,69 \& 699,411 \& \& 3,373 <br>
\hline
\end{tabular}

[^14]Returns With Net Capital Gain or Loss
Table 1. - All Transactions: Income, Tax, and Transaction Detail, by Asset Type and Size of Adjusted Gross Income - Continued
[All tigures are estimates based on samples-money amounts are in thousands of dollars]


'Frequency counts tor breakeven transactions or transactions showing ordinary gain and no capital gain or loss have been tabulated with the tosses.


## Crude Oil Windfall Profit Tax, First Quarter 1985

By Edward Chung*

Figure A
Components ${ }^{1}$ of Windfall Profit Tax Liability Before Adjustments:
Aggregate Values By Quarter Oil Removed

${ }^{1}$ Some returns report windfal profit tax liability only; therefore, data for removal value, adjusted base value and state severance tax adjustment have boen adjusted to reflect tofals as if all returns reported this detail.
${ }^{2}$ One monith only.

Figure B
Components of Windfall Profit Tax Liability: Averages per Barrel by Quarter Oil Removed

Dollars


[^15]Table 1.--Windfall Profit Tax Liability by Oil Tier, Tax Rate and Aggreaate Components of Windfall Profit for Quarter Ending March 1985
[Money amounts are in millions of dollars]

| Oil tier and tax rate | Number of barrels of oil (000's) | $\begin{gathered} \text { Removal } \\ \text { value } \end{gathered}$ | Adjusted base value | State severance tax adjustment | Windfall profit | Tax liability before adjustments |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | (1) | (2) | (3) | (4) | (5) | (6) |
| Returns with tax liability shown by ail tier and tax rate, total | 613,845 | 15,160 | 12,498 | 121 | 2,540 | 1,744 |
| Tier one, other than Sadlerochit oil: <br> Taxed at 70 percent <br> Taxed at 50 percent | 252,513 22,911 | 6,738 593 | 4,504 411 | 184 -12 | 2,150 169 | $\begin{array}{r} 1,453 \\ 86 \end{array}$ |
| Tier one, Sadlerochit oil: <br> Taxed at 70 percent <br> Taxed at 50 percent | 88,478 | 1.546 | 1,547. | 5 | -6 | 17 |
| Tier two oil: <br> Taxed at 60 percent | 51,250 | 1,355 | 1,082 | 11 | 262 | 150 |
| Taxed at 30 percent | 2,684 | , 40 | 34 | - | 5 | 6 |
| Tier three oil (taxed at 30 percent): Newly discovered oil ${ }^{1} . . .$. | 122,509 | 3,134 | 3,211 | 6 | -83 | 15 |
| Incremental tertiary oil | 42,430 | 1,092 | 1,046 | 2 | 44 | 13 |
| Heavy oil ............................... | 31,059 | 661 | 662 | - | -1 | 3 |
| Returns with total tax liability only ..... | - | - | - | - | - | 106 |

${ }^{1}$ Newly discovered oil is taxed at 22.5 percent from 1984 to 1987.
NOTE:_Detail_may_not_add_to_total_because_of_rounding.

Table 2.--Hindfall Profit Tax Liability for Returns Peporting Components of Windfall Profit by Dil Tier and Tax Rate for the Quarter Ending March $1985^{1}$


${ }^{1}$ All amounts are average dollars per barrel.
${ }^{2}$ Newly discovered oil is taxed at 22.5 percent from 1984 to 1987. NOTE: Detail may not add to total because of rounding.

Table 3.--Exempt Dil Volume by Tier and Category, Quarter Ending March 1985
[Thousands of barrels]

| Exemot 0 il | Total | Tier one | Tier two | Tier three |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{aligned} & \text { Newly } \\ & \text { discovered } \\ & \text { oil } \end{aligned}$ | Incremental tertiary $0 i 1$ | Heavy oil |
|  | (1) | (2) | (3) | (4) | (5) | (6) |
| Total | 81,404 | 17,393 | 43,761 | 18,458 | 1,195 | 596 |
| Exempt governmental interest | 16,996 | 13,252 | 716 | 1,909 | 665 | 454 |
| Exempt charitable interest | 969 | 445 | 295 | 130 | 87 | 12 |
| Exempt Indian oil | 833 | 384 | 181 | 213 | 54 | 1 |
| Exempt Alaskan oil | 12,212 | 131 | - | 12,081 | - | - |
| Exempt royalty oil | 11,227 | 3,180 | 3,403 | 4,124 | 390 | 130 |
| Exempt stridper oil | 39,167 | - | 39,167 | - | - | - |

NOTE: Detail may not add to total because of rounding.

Table 4. - Windfall Profit Tax Before and After Adjustments
[Millions of dollars]

| Quarter ending | Tax before adjustments | Total adjustments | Tax after adjustinents |
| :---: | :---: | :---: | :---: |
|  | (1) | (2) | (3) |
| Total | \$79,299 | -\$5,424 | \$73,875 |
| March 1980 . | 788 | - | 788 |
| June 1980 | 2,842 | -21 | 2,821 |
| September 1980 | 3,413 | -88 | 3,325 |
| December 1980. | 3,918 | -927 | 2,991 |
| March 1981 | 6,953 | +242 | 7,195 |
| June 1981 | 7,253 | -107 | 7,146 |
| September 1981 | 6,344 | -251 | 6,093 |
| December 1981 | 6,007 | -497 | 5,510 |
| March 1982 | 5,222 | -221 | 5,001 |
| June 1982 | 4,283 | -295 | 3,988 |
| Sedtember 1982 | 4,404 | -445 | 3,959 |
| December 1982 | 4, 640 | -634 | 3,806 |
| March 1983 | 3,320 | -193 | 3,127 |
| June 1983. | 2,951 | -203 | 2,748 |
| September 1983 | ?, 822 | -300 | 2,522 |
| December 1983 | 2,735 | -465 | 2,271 |
| March 1984 | 2,622 | -228 | 2,394 |
| June 1984 | 2,468 | -218 | 2,250 |
| September 1984 | 2,447 | -200 | 2,247 ${ }^{2}$ |
| December 1984 | 2,236 | -256 ${ }^{2}$ | 1,980 ${ }^{2}$ |
| March 1985 | 1,830 | -117 | 1,713 |

[^16]
## Selected Statistical Series, 1970-1985

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## NOTICE

The data on the following pages are the latest and most accurate available at time of publication. However, they are subject to continuous revision as more information becomes available. Data labeled as preliminary should be used with caution.

Table 1. - Individual income Tax Returns: Selected Income and Tax Items for Selected Years, 1970-1984 [All figures are estimates based on samples - money amounts are in thousands of dollars].

| Item | 1970 | 1975 | 1980 | 1981 | 1983 | $\begin{gathered} 1984 \\ \text { (Preliminary) } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | (1) | (2) | (3) | (4) | (5) | (6) |
| Number of returns: |  |  |  |  |  |  |
| All returns | 74, 279,831 | 82, 229, 332 | 93,902,469 | 95,396,123 | 96, 321,310 | 99,604,775 |
| Joint returns | 42, 376,365 | 44,140,085 | 45,243, 211 | 45,697,648 | 46, 363,787 | 47,731,750 |
| Total gross income, amount | 639,357,791 | 962, 886, 872 | 1,642,345,558 | 1,804,046,591 | 2,023,982, 876 | 2,247,440, 765 |
| Salaries and wages: |  |  |  |  |  |  |
| Ammeunt of returns | $66,965,659$ $531,883,892$ | $73,520,046$ $795,399,462$ | $83,802,109$ $1,349,842,802$ | $84,208,807$ | $83,120,588$ | 86,346,235 |
| Interest received: | 531,883,852 | 795,399,462 | 1,349,842,802 |  | 1,644,572,655 | , 818,588,323 |
| Number of returns | 32,630,355 | 40, 378, 240 | 49,019,575 | 49,656,550 ${ }^{1}$ | 57,076,334 | 62,199,616 |
| Amount | 22,021,267 | 43, 433, 554 | 102,009,444 | 140,559,366 ${ }^{1}$ | 153,805,163 | 173,855,732 |
| Taxable pensions and annuities: Number of returns | 3,249,558 | 5,088,937 | 7,373,704 |  |  |  |
| Amount ........ | 7,878,808 | 20,886,871 | 43,339,736 | 51,886,406 | 69,813,961 | $\begin{aligned} & 11,572,923 \\ & 80,003,021 \end{aligned}$ |
| Dividends: |  |  |  |  |  |  |
| No. of returns before exclusion | 12,452,227 | 13,370,427 | 14,640,139 | 16,482,018 | 17,620,109 | 18,564,113 |
| Amount ...... | 17,018,148 | 23, 270, 182 | 43, 567, 241 | 48,161,460 | 50, 411,519 | 51,309,681 |
| No. of returns after exclusion | 7,729,939 | 8,853,491 | 10,738,982 | n.a. | 13,326,556 | 14,154,993 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Number of returns | 7,962,663 | 7,574,823 | 8,929,474 | 9,484,987 | 9,542,529 | 10,753,964 |
| Amount . | 9,006,683 | 14,071,893 | 29,659,600 | 30,818,535 | 48,895,719 | 52,064,469 |
| Business net income (less loss): Number of returns | 6,159,985 | 7,242,542 | 1,119 |  |  |  |
| Amount | 30, 554, 201 | 39,421,478 | 55,129,154 | 53,071,628 | 60,359,154 | $69,915,552$ |
| Total adjustments: |  |  |  |  |  |  |
| Number of returns | 6,370,552 | 9,024,255 | 13,148,919 | 14,078,211 | 34,837,711 | 37,197,980 |
| Amount | 7,665,251 | 15,101,999 | 28,614,061 | 31,442,288 | 81,393,017 | 89,702,665 |
| Marser $\begin{aligned} & \text { Number of returns } \\ & \text { Amount }\end{aligned}$ | N/A | N/A | N/A | N/A | 22,557,433 | 24,320,469 |
|  | N/A | N/A | N/A | N/A | 19,762,365 | 22,602,083 |
| Individual Retirement Arrangement: |  |  |  |  |  |  |
| Number of returns | N/A | 1,211,794 | 2,564,421 | 3,415,053 | 13,613,167 | 15,358,972 |
| Amount ............... | N/A | 1,436,443 | 3,430,894 | 4,750,190 | 32,060,627 | 35,773,272 |
| Selfe-Employed Retirement (Keogh) : Number of returns |  |  |  |  |  |  |
| Amount. | 847,692 | 1,603,788 | 2,007,666 | 2,011,947 | 656,038 | 659;238 |
| Adjusted gross income | 631,692,540 | 947, 784, 873 | 1,613,731,497 | 1,772,604,303 | 1,942,589,865 | 4,108,267 |
| Exemptions: |  |  |  |  |  |  |
| Total number | 204,126,402 | 212,202,596 | 227,925,098 | 231,222,374 | 234,390,944 | 241,493,051 |
| Number, age 65 or over | 8,904,331 | 9,937,208 | 11,847,168 | 13,118,926 | 14,819,860 | 15,824,479 |
| Total amount | 127,531,204 | 159,140,845 | 227,569,280 | 231,119,115 | 234,390, 944 | 241,493, 051 |
| Amount .. | 13, 762,448 | 81,585,541 | 88,491,251 | 90,319,941 | 90, 816,724 | 95,071,466 ${ }^{2}$ |
| Total itemized deductions: | 120,549,755 | 233,181,778 | 346,000,155 | 401, 168, 213 | 448,667,194 ${ }^{2}$ | 497,701,988 |
| Number of returns | 35,430, 047 | 26,074,061 | 28,950,282 | 31,571,246 | 35,230,292 | 38,223,010 |
| Amount | 88,178, 487 | 122,260,601 | 218,028,139 | 256, 448,021 | 309,633, 773 | 356, 427,100 |
| Medical and dental expense | 10,585, 749 | 11,422,312 | 14,972, 082 | 17,878,680 | 18,074, 335 | 21,349,054 |
| Taxes paid | 32,014,673 | 44,141,289 | 69,404,275 | 79,698,519 | 99,750,645 | 115,917,237 |
| Interest paid | 23,929, 477 | 38, 885, 282 | 91,187,006 | 108,718,281 | 134,691,655 | 155, 203,539 |
| Taxable income: |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| Amount ........... | 401,154,285 | 595, 492, 866 | 1,279, 985,360 | 1,410,880,665 | 1,544,872,497 | 94, 444,394 |
| Income tax before credits: |  |  |  |  |  |  |
| Number of returns | 59,596,755 | 65, 854,734 | 76,135,819 | 79,011,548 | 80,610,882 | 84,661,717 |
| Amount | 84, 156,6953 | 132,452,044 | 256,294,315 | 293,590,035 | 279,841,890 | 310,963,054 |
| Total tax credits | 369,610 | 8,069,846 | 7,215,839 | 11,288,005 | r8,190, $737^{4}$ | 8,901,812 ${ }^{4}$ |
| General tax credit | N/A | 5,020,477 | N/A | 3,382, $711^{5}$ | N/A | N/A |
| Investment credit | 30,554 | 1,593,150 | 3,288,415 | 3,971,199 | 4,161,453 | 5,948,020 |
| Foreign tax credit | 169,623 | 381,985 | 1,341,645 | 1,233,564 | 617,749 | 579,321 |
| Child care credit | N/A | N/A | 956,439 | 1,147,907. | 2,051,462 | 2,665,426 |
| Credit for the elderly. | 167,656 | 128,968 | 134,993 | 124,011 | 116,324 | 108,736 |
| Residential energy credit Earned income credit | N/A | 252,141 | 562,141 451,366 | 600,831 452,482 | 549,024 314,499 | 634,584 286,691 |
| Income tax after credits .............. | 83, 787, 323 | 124,382,197 | 249,078,475 | 282,302,029 | r271,651,153 | 302,061,242 |
| Total income tax: |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| Number of returns Amount $\ldots . . . . . . .$. | 59,317,371 | 61,490,737 | 73, 906,244 | 76,724,724 | 78,016,323 | 87,850,383 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| Returns with refund or credit due .. | 55, 273, 385 | 63,825,188 | 69, 868,451 | 70,028,741 | 74,993, 969 | 76, 275,924 |

[^17]Table 2. - Individual Income and Tax by State, 1984
[Money amounts are in thousands of dollars]

| State | Number of returns | Number of exemptions ${ }^{1}$ | ```Adjusted gross income (AGI)``` | Salaries and wages |  | Dividends after exclusion |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Number of returns | Amount | Number of returns | Amount |
|  | (1) | (2) | (3) | (4) | (5) | (6) | (7) |
| United States, total ${ }^{2}$ | 99,752,249 | 239,616,963 | 2,134,035,012 | 85,071,114 | 1,781,778,658 | 14, 128,770 | 51,039,143 |
| Alabama. | 1,466,037 | 3,729,138 | 27,510,149 | 1,289,812 | 23,629,019 | 127,636 | 403,651 |
| Alaska | 235,342 | 541,176 | 6,521,339 | 209,237 | 5,935,380 | 55,035 | 61,434 |
| Arizona | 1,276,456 | 3,148,503 | 26,266,331 | 1,065,927 | 21,281,793 | 184,515 | 737,987 |
| Arkansas | 844,657 | 2,183,289 | 14,591, 720 | 709,625 | 12,027,646 | 67,634 | 210,964 |
| California. | 11,360,495 | 27,319,945 | 261,437,661 | 9,659,268 | 218,707,697 | 1,602,037 | 6,106,276 |
| Colorado | 1,410,396 | 3,252,922 | 31,260,319 | 1,216,918 | 26,693,694 | 203,977 | 635,461 |
| Connecticut | 1,539,588 | 3,408,010 | 39,026,841 | 1,324,526 | 32,524,805 | 311,475 | 1,335,259 |
| Delaware | 273,752 | 639,345 | 6,148,020 | 237,402 | 5,097,036 | 48,361 | 230,035 |
| District of Columbia | 316,428 | 648,554 | 7,142,767 | 273,781 | 5,550,460 | 44,738 | 268,233 |
| Florida. | 4,905,553 | 11,594,614 | 101,264,658 | 3,914,520 | 72,842,092 | 857,128 | 4,558,531 |
| Georgia. | 2,375,875 | 5,719,184 | 48,000,006 | 2,133,144 | 42,177,150 | 226,153 | 794,469 |
| Hawaii.. | 461,424 | 1,055,297 | 9,322,406 | 400,452 | 7,765,670 | 68,520 | 193,874 |
| Idaho | 368,546 | 990,884 | 6,577,681 | 304,436 | 5,480,486 | 44,599 | 123,598 |
| Illinoi | 4,833,380 | 11,681,835 | 108,791,989 | 4,102,975 | 91,106,811 | 787,363 | 2,738,103 |
| Indiana. | 2,237,755 | 5,525,994 | 45,223,206 | 1,906,784 | 38,501,781 | 255,626 | 723,368 |
| Iowa. | 1,165,334 | 2,922,123 | 21,295,026 | 915,219 | 17,030,232 | 171,997 | 420,979 |
| Kansas | 1,010,998 | 2,496,801 | 21,020, 130 | 834,098 | 17,088,564 | 140,992 | 415,424 |
| Kentucky | 1,342,328 | 3,354,595 | 24,936,186 | 1,136,154 | 20,881,422 | 126,511 | 453,931 |
| Louisiana | 1,644,979 | 4,229,245 | 33,071,191 | 1,449,850 | 28,111,751 | 151,982 | 529,954 |
| Maine. | 488,025 | 1,155,368 | 8,698,656 | 418,654 | 7,084,108 | 65,093 | 249,268 |
| Maryland. | 1,995,849 | 4,555,799 | 47,558,988 | 1,750,954 | 40,335,140 | 305,238 | 1,009,167 |
| Massachuse | 2,722,247 | 5,953,060 | 61,671,995 | 2,356,725 | 51,139,848 | 464,420 | 1,702,087 |
| Michigan. | 3,687,450 | 8,846,027 | 82,622,589 | 3,150,910 | 71,118,527 | 563,470 | 1,652,243 |
| Minnesota | 1,779,381 | 4,262,333 | 37,501,184 | 1,494,178 | 31,956,812 | 277,593 | 741,500 |
| Mississippi. | 892,402 | 2,381,390 | 14,851,519 | 788,880 | 12,809,719 | 65,951 | 185,326 |
| Missouri | 2,053,771 | 4,983,834 | 41,834, 149 | 1,718,416 | 34,660,520 | 267,990 | 1,003,425 |
| Montana. | 339,743 | 842,948 | 5,758,469 | 270,198 | 4,626,452 | 51,468 | 133,706 |
| Nebraska | 674,745 | 1,671,184 | 12,147,832 | 543,807 | 10,069,618 | 93,451 | 241,259 |
| Nevada. | 430,802 | 971,274 | 9,085,434 | 376,407 | 7,584,574 | 45,460 | 195,355 |
| New Hampshire. | 462,335 | 1,052,678 | 9,988,865 | 405,530 | 8,344,754 | 70,454 | 265,783 |
| New Jersey. | 3,675,451 | 8,555,020 | 89,340,546 | 3,201,037 | 75,690,379 | 689,227 | 2,269,956 |
| New Mexico. | 571,773 | 1,455,538 | 10,432,983 | 493,780 | 8,834,702 | 64,001 | 203,293 |
| New York. | 7,464,439 | 17,538,439 | 177,651,309 | 6,383,915 | 143,111,112 | 1,329,571 | 5,772,435 |
| North Carolina | 2,565,678 | 6,080,635 | 48,412,116 | 2,291,376 | 41,196, 139 | 267,179 | 956,310 |
| North Dakota. | 279,934 | 704,591 | 4,947,038 | 217,194 | 3,791,683 | 30,489 | 56,096 |
| Ohio. | 4,446,458 | 10,681,804 | 93,270,160 | 3,794,796 | 79,290,060 | 631,406 | 2,035,990 |
| Oklahoma | 1,263,553 | 3,174,432 | 26,210,357 | 1,057,336 | 21,351,082 | 116,711 | 419,362 |
| Oregon.... | 1,109,872 | 2,687,189 | 21,581,695 | 908,679 | 17,488,438 | 160,883 | 487,132 |
| Pennsylvania....... | 4,982,979 | 11,698,481 | 101,855,139 | 4,171,500 | 83,578,761 | 803,045 | 2,690,682 |
| Rhode Island. | 429,433 | 960,463 | 8,568,791 | 372,257 | 7,041,410 | 61,557 | 216,796 |
| South Carolina. | 1,277,317 | 3,134,519 | 23,656,350 | 1,146,993 | 20,302,958 | 114,771 | 399,709 |
| South Dakota. | 283,972 | 718,880 | 4,257,329 | 220,589 | 3,443,240 | 34,962 | 74,311 |
| Tennessee | 1,872,850 | 4,560,547 | 35,085,784 | 1,644,485 | 30,296,908 | 161,731 | 511,817 |
| Texas............... . | 6,496,390 | 16,312,584 | 145,168, 114 | 5,697,488 | 122,350,345 | 690,999 | 2,783,739 |
| Utah. | 581,082 | 1,643,780 | 11,789,485 | 506,856 | 10,264,958 | 66,679 | 196,383 |
| Vermont. | 225,343 | 523,894 | 4,126,972 | 192,524 | 3,353,959 | 39,506 | 150,819 |
| Virginia | 2,424,622 | 5,616,057 | 54,403,915 | 2,137,841 | 46,163,560 | 352,374 | 1,117,665 |
| Washington.......... | 1,864,365 | 4,418,897 | 40,225,585 | 1,567,647 | 33,236, 211 | 281,359 | 825,597 |
| West Virginia...... | 1,664,129 | 1,694,690 | 12,681,869 | 561,978 | 10,552,624 | $\begin{array}{r}70,470 \\ \hline 898\end{array}$ | 228,527 |
| Wisconsin..... | 1,999,972 | 4,789,147 | 39,810,558 | 1,693,930 | 33,752,634 | 298,598 | 861, 136 |
| Wyoming. . . . . . . . . . | 207,546 | 521,993 | 4,372,968 | 178,774 | 3,777,118 | 26,153 | 92,381 |
| Other areas ${ }^{\text {a }}$. ${ }^{\text {a }}$. | 469,018 | 1,028,034 | 5,058,643 | 271,346 | 10,746,816 | 85,232 | 368,357 |

Table 2. (Continued) - Individual Income and Tax by State, 1984 [Money amounts are in thousands of dollars]

| State | Interest |  | Unemployment compensation in AGI |  | Itemized Deductions |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number of returns | Amount | Number of returns | Amount | Number of returns | Total Deductions | Average amount |
|  | (8) | (9) | (10) | (11) | (12) | (13) | (14) |
| United States, total ${ }^{2}$ | 61,764,997 | 176,077,712 | 4,433,578 | 5,941,097 | 38,803, 369 | 357,953,970 | 9,225 |
| Alabama. | 734,673 | 1,690,765 | 74,868 | 67,077 | 554,890 | 4,225,055 | 7,614 |
| Alaska. | 149,113 | 283,085 | 25,136 | 46,049 | 93,000 | 1,051,437 | 11,306 |
| Arizona. | 764,274 | 2,535,925 | 31,619 | 33,965 | 575,399 | 5,334,988 | 9,272 |
| Arkansas. | 439,409 | 1,346,519 | 35,122 | 33,854 | 263,815 | 2,046,016 | 7,755 |
| California. | 6,932,440 | 22,990,669 | 498,303 | 696,556 | 4,900,602 | 57,669,065 | 11,768 |
| Colorado. | 917,793 | 2,415,561 | 49,442 | 67,974 | 660,809 | 6,583,216 | 9,962 |
| Connecticut......... | 1,122,224 | 2,974,001 | 70,970 | 78,958 | 590,781 | 5,864,975 | 9,927 |
| Delaware............ | 166,224 | 388,021 | 13,203 | 16,701 | 112,369 | 992,000 | 8,828 |
| District of Columbia | 152,386 | 429,500 | 6,159 | 10,147 | 125,205 | 1,337,924 | 10,686 |
| Florida............. | 2,877,667 | 12,514,788 | 86,162 | 107,238 | 1,645,345 | 15,198,557 | 9,237 |
| Georgia. | 1,154,971 | 2,835,725 | 90,495 | 68,200 | 847,039 | 7,810,394 | 9,221 |
| Hawaii. | 336,810 | 722,525 | 19,483 | 30,925 | 189,399 | 1,852,314 | 9,780 |
| Idaho... | 232,642 | 653,898 | 22,346 | 28,600 | 148,914 | 1,228,345 | 8,249 |
| Illinois | 3,238,496 | 9,664,419 | 239,861 | 397,697 | 1,880,875 | 16,186,085 | 8,606 |
| Indiana. | 1,396,756 | 3,519,319 | 104,306 | 102,314 | 754,052 | 5,731,069 | 7,600 |
| Iowa.. | 858,859 | 2,755,526 | 56,801 | 67,475 | 481,774 | 3,537,273 | 7,342 |
| Kansas. | 666,179 | 2,090,323 | 39,208 | 45,791 | 405,123 | 3,379,652 | 8,342 |
| Kentucky. | 729,630 | 1,950,357 | 73,897 | 76,275 | 490,420 | 3,624,231 | 7,390 |
| Louisiana | 833, 107 | 2,369, 123 | $85,4,16$ | 145,280 | 535,576 | $4,6.15,720=$ | 8, 6.18 |
| Măiñe. | 306,169 | 623,087 | 20,541 | 20,920 | 144,804 | 1,098,377 | 7,585 |
| Maryland.. | 1,272,504 | 2,951,296 | 69,046 | 92,992 | 938,285 | 9,261,934. | 9,871 |
| Massachusetts | 1,952,674 | 4,489,950 | 114,388 | 164,808 | 1,071,732 | 9, 386,369 | 8,758 |
| Michigan. | 2,475,017 | 5,619,090 | 270,855 | 375,626 | 1,737,787 | 14,488,031 | 8,337 |
| Minnesota. | 1,292,880 | 3,214,151 | 84,973 | 134,641 | 889,916 | 8,111,663 | 9,115 |
| Mississipp | . 379,014 | 1,041,341 | 33,800 | 31,986 | 259,001 | 2,065,620 | 7,975 |
| Missouri. | 1,294,489 | 3,866,987 | 85,183 | 71,027 | 730,339 | 5,754,817 | 7,880 |
| Montana. | -227,268 | 705,501 | 18,718 | 25,003 | 128,060 | 5,757,008 | 7,473 |
| Nebraska | 464,074 | 1,463,991 | 19,892 | 20,622 | 232,763 | 1,913,057 | 8,219 |
| Nevada......... | 231,857 | 780,392 | 21,331 | 27,165 | 152,867 | 1,494,879 | 9,779 |
| New Hampshire....... | 315,819 | 684,510 | 17,650 | 17,141 | 148,399 | 1,243,640 | 8,380 |
| New Jersey. | 2,450,145 | 6,573,756 | 166,338 | 260,509 | 1,434,792 | 13,713,251 | 9,558 |
| New Mexico. | 302,271 | 821,022 | 15,463 | 18,815 | 186,565 | 1,538,830 | 8,248 |
| New York...... | 5,076,747 | 15,594,028 | 303,523 | 458,622 | 3,471,167 | 34,788,324 | 10,022 |
| North Carolina...... | 1,342,650 | 2,969,664 | 116,104 | 86, 124 | 949,983 | 7,581,697 | 7,981 |
| North Dakota: --.... - - | -197,554 | -623,657 | 12,352 | 18,578 | 85,253 | 650,117 | 7,626 |
| Ohio.... | 2,860,906 | 7,082,159 | 230,337 | 349,611 | 1,611,069 | 13,455,573 | 8,352 |
| Oklahoma. | 702,219 | 2,309,429 | 40,926 | 51,672 | 509,140 | 4,658,308 | 9,149 |
| Oregon...... | 731,949 3,3756 | 2,142,371 | 67,234 | 92,619 | 497,492 | 4,335,801 | 8,715 |
| Pennsylvania. | 3,375,360 | 8,256,718 | 337,134 | 523,718 | 1,748,152 | 13,671,387 | 7,820 |
| Rhode Island. | 279,628 | 708,202 | 26,733 | 30,528 | 152,433 | 1,263,209 | 8,287 |
| South Carolina. | 625,438 | 1,357,682 | 53,834 | 41,724 | 502,822 | - 3,928,001 | 7,812 |
| South Dakota. | 187,514 | 601,007 | 5,015 | 5,118 | 72,621 | 526,176 | 7,246 |
| Tennessee. | -943,603 | 2,443,557 | 71,379 | 62,090 | 524,811 | 4,215,953 | 8,033 |
| Texas | 3,376,772 | 11,412,430 | 158,929 | 231,376 | 2,086,406 | 20,564,440 | 9,856 |
| Utah. | 371,722 | 742,977 | 23,695 | 30,949 | 292,239 | 2,678,298 | 9,165 |
| vermont. . . . . . . . . . | 150,513 | 329,092 | 9,237 | 10,038 | 73,808 | 572,055 | 7,751 |
| Virginia. | 1,423,743 | 3,372,886 | 71,358 | 64,675 | 973,200 | 9,355,648 | 9,613 |
| Washington......... | 1,228,399 | 3,542,553 | 126,536 | 197,926 | 715,742 | 6,344,082 | 8,864. |
| West Virginia....... | 394,420 $1,468,345$ | 902,224 | 51,829 | 80,102 | 173,160 | 1,317,079 | 7,606 |
| Wisconsin.. | 1,468,345 | 3,441,301 | 152,285 | 203,424 | 869,584 | 7,248,391 | 8,335 |
| Wyoming............. | 133,674 | 379,770 | 10,070 | 12,603 | - 75,523 |  | 8,352 |
| Other areas ${ }^{\text {3 }}$. | 226,007 | 900,882 | 4,093 | 7,269 | 108,067 | 872,842 | 8,07.7 |

Table 2. (Continued) - Individual Income and Tax by State, 1984 [Money amounts ara In thousands of dollars]

| State | Tax liability |  |  | Earned income credit |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Total tax |  | Average tax | Number of returns | Amount | Used to offset tax |  |
|  | Number of Returns | Amount |  |  |  | Number of returns | Amount |
|  | (15) | (16) | (17) | (18) | (19) | (20) | (21) |
| United States, total ${ }^{2}$ | 84,792,349 | 314,228,708 | 3,706 | 5,817,056 | $-1,653,907$ | 4,244,270 | $-1,184,854$ |
| Alabama. | 1,213,417 | 3,624,991 | 2,987 | 152,493 | -44,295 | 114,110 | -32,434 |
| Alaska | 206,301 | 1,119,117 | 5,425 | 7,633 | -2,012 | 5,069 | -1,293 |
| Arizona | 1,077,849 | 3,546,875 | 3,291 | 76,747 | -22,025 | 58,035 | -16,521 |
| Arkansas | 694,900 | 1,890,354 | 2,720 | 86,961 | -25,200 | 62,782 | -17,717 |
| California. | 9,641,659 | 37,923,424 | 3,933 | 680,605 | -197,631 | 536,874 | -154,380 |
| Colorado. | 1,217,322 | 4,530,134 | 3,721 | 59,483 | -16,839 | 42,167 | -11,611 |
| Connecticut | 1,359,611 | 6,571,126 | 4,833 | 36,832 | -10,04 1 | 25,545 | -6,899 |
| Delaware. | 236,306 | 893,486 | 3,781 | 14,158 | -3,944 | 10,230 | -2,838 |
| District of Columbia | 269,308 | 1,211,412 | 4,498 | 23,345 | -6,734 | 18,250 | -5,178 |
| Florida. | 4,164,592 | 15,842,190 | 3,804 | 317,994 | -91,648 | 228,383 | -64,440 |
| Georgia. | 2,009,150 | 6,637,944 | 3,304 | 200,529 | -57,686 | 147,214 | -41,547 |
| Hawaii............. | 392,619 | 1,224,322 | 3,118 | 17,085 | -4,464 | 11,188 | -2,940 |
| Idaho | 306,508 | 831,955 | 2,714 | 25,969 | -7,431 | 17,847 | -4,922 |
| Illinois | 4,115,059 | 16,921,715 | 4,112 | 236,719 | -66,282 | 177,863 | -49,119 |
| Indiana. | 1,879,545 | 6,451,411 | 3,432 | 119,455 | -33,527 | 85,495 | -23,562 |
| Iowa. | 975,559 | 2,955,652 | 3,030 | 59,511 | -16,080 | 37,324 | -9,528 |
| Kansas | 866,725 | 3,101,764 | 3,579 | 45,466 | -12,557 | 30,491 | -8,202 |
| Kentucky. | 1,115,961 | 3,401,332 | 3,048 | 112,879 | -32,372 | 78,702 | -21,871 |
| Louisiana | 1,349,395 | 4,940,774 | 3,661 | 171,674 | -49,246 | 131,653 | -36,976 |
| Maine. | 411,639 | 1,115,650 | 2,710 | 28,404 | -7,968 | 19,011 | -5,137 |
| Maryland. | 1,742,179 | 7,498,313 | 4,304 | 84,822 | -23,692 | 60,739 | -16,749 |
| Massachusetts | 2,392,328 | 9,493,934 | 3,968 | 81,529 | -22,853 | 57,245 | -15,809 |
| Michigan. | 3,131,703 | 11,765,561 | 3,757 | 151,138 | -42, 106 | 109,607 | -29,869 |
| Minnesota. | 1,528,293 | 4,948,611 | 3,238 | 70,342 | -19,413 | 45,475 | -11,637 |
| Mississippi | 709,395 | 1,908,928 | 2,691 | 137,867 | -40,195 | 107,879 | -30,617 |
| Missouri. | 1,740,013 | 6,143,123 | 3,531 | 121,944 | -34, 177 | 84,917 | -23,098 |
| Montana. | 275,224 | 792,900 | 2,881 | 22,803 | -6,335 | 15,490 | -4,122 |
| Nebraska | 566,719 | 1,726,049 | 3,046 | 34,957 | -9,572 | 22,117 | -5,706 |
| Nevada. | 368,593 | 1,417,961 | 3,847 | 20,928 | -5,894 | 15,187 | 4,226 |
| New Hampshire. | 403,276 | 1,496,998 | 14 | 14,929 | -4,092 | 9,710 | -2,612 |
| New Jersey. | 3,254,296 | 14,139,138 | 4,345 | 148,258 | -41,352 | 106,635 | -29,837 |
| New Mexico. | 460,255 | 1,401,155 | 3,044 | 53,458 | -14,952 | 41,170 | -11,337 |
| New York | 6,518,246 | 26,999,427 | 4,142 | 419,762 | -120,170 | 308,521 | -86,704 |
| North Carolina | 2,172,911 | 6,331,115 | 2,914 | 196,299 | -55,328 | 134,970 | 37,634 |
| North Dakota. | 236,393 | 702,361 | 2,971 | 15,592 | -4,213 | 9,270 | -2,330 |
| Ohio. | 3,791,923 | 13,066,043 | 3,446 | 208,330 | -57,937 | 149,950 | -40,874 |
| Oklahoma. | 1,061,346 | 3,912,753 | 3,687 | 88,340 | -25,668 | 62,964 | -17,702 |
| Oregon.. | 930,945 | 2,792,315 | 2,999 | 60,188 | -17,227 | 43,272 | -12,019 |
| Pennsylvania. | 4,246,134 | 15,100,412 | 3,556 | 227,307 | -63,280 | 160,290 | -43,912 |
| Rhode Is land. | 370,423 | 1,176,704 | 3,177 | 18,284 | -5,106 | 13,131 | -3,643 |
| South Carolina. | 1,066,420 | 2,973,792 | 2,789 | 112,554 | --32,293 | 82, 146 | -23,302 |
| South Dakota. | 229,962 | 593,135 | 2,579 | 21,378 | -5,824 | 13,203 | -3,312 |
| Tennessee. | 1,563,224 | 4,925,824 | 3,151 | 164,358 | -47,062 | 118,213 | -33,105 |
| Texas. | 5,462,932 | 24.,076,502 | 4,407 | 486,404 | -141,089 | 367,373 | -104,976 |
| Utah. | 487,233 | 1,400,287 | 2,874 | 28,291 | -8,011 | 20,193 | -5,561 |
| Vermont............. | 192,569 | 542,700 | 2,818 | 11,977 | -3,275 | 7,780 | -2,034 |
| Virginia. | 2,103,563 | 7,763,991 | 3,691 | 116,596 | -32,684 | 80,215 | -22,352 |
| Washington.......... | 1,594,103 | 5,887,949 | 3,694 | 80,909 | -22,576 | 58,232 | -15,896 |
| West Virginia....... | 556,564 | 1,697,656 | 3,050 | 52,349 | -14,485 | 38,177 | -10,522 |
| Wisconsin.. | 1,690,730 | 5,193,758 | 3,072 | 79,776 | -21,825 | 53,823 | -14,014 |
| Wyoming. | 175,503 | 671,805 | 3,828 | 10,011 | -2,838 | 6,973 | -1,889 |
| Other areas ${ }^{3} . . . . .$. | 265,526 | 951,880 | 3,585 | 1,434 | -401 | 1,170 | -340 |

See notes following Table 13.

Table 3.-Number of Individual Returns, Income; Tax and Average Tax by Size of Adjusted Gross Income, Tax Years 1980-1983 [All figures are estimates based on samples-money amounts are In thousands of dollars]

| Size of adjusted gross income | Number of returns for - |  | Total adjusted gross income |  | Taxable income |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1980 | 1981 | 1980 | 1981 | 1980 | 1981 |
|  | (1) | (2) | (3) | (4) | (5) | (6) |
| Total | 93,902,469 | 95, 396,123 | 1,613,731,497 | 1,772,604,303 | 1,279,985,360 | 1,410,880,665 |
| Less than $\$ 1000$ <br> $\$ 1,000$ under. $\$ 3,000$ | $3,687,997$ $8,673,301$ | $3,484,734$ $7,855,771$ | $-11,063,711$ $17,314,975$ | $-16,952,842$ $15,691,845$ | 11,799 $7,569,858$ | $\begin{array}{r} 7,084 \\ 7,064,102 \end{array}$ |
| \$3,000 under \$5,000 ............. | 7,694,231 | 7,405,871 | 30,654,346 | 29,580,649 | 18,534,160 | 17,994,684 |
| \$5,000 under \$7,000 | 7,633,889 | 7,251,941 | 45,738,822 | 43,446,800 | 30,497,371 | 29,153,117 |
| \$7,000 under \$9,000 | 7,336,650 | 7,066,520 | 58,608,700 | 56,341,030 | 42,267,675 | 40,597,471 |
| \$9,000 under \$ $\$ 1,000$ | 6,605,618 | 6,514,144 | 65,907,303 | 65,051,373 | 49,980,765 | 49,147,621 |
| \$11,000 under \$ $\$ 3,000$ | 5,830,212 | 5,821,233 | 69,911,911 | 69,702,815 | 54,591,487 | 54,207,411 |
| \$13,000 under \$15,000 .......... | 5,267,669 | 5,190,200 | 73,590,238 | 72,548,282 | 58,114,413 | 57,705,230 |
| \$15,000 under \$17,000 | 4,654,783 | 4,648,986 | 74,387,702 | 74,256,678 | 59,701,351 | 59,486,499 |
| \$17,000 under \$19,000 | 4,350,522 | 4,291,557 | 78,267,330. | 77,161,287 | 63,009,244 | 62,056,343 |
| \$19,000 under \$ \$2,000 | 5,925,162. | 5,967,094 | 121,233,104 | 122,157,450 | 97,261,921 | 98,703,455 |
| \$22,000 under \$25,000 | 5,325,787 | 5,207,693 | 125,021,261 | 122,181,884 | 100,538,990 | 98,956,187 |
| \$25,000 under \$30,000 | 6,783,466 | 7,205,282 | 185,760,754 | 197,424,953 | 150,218,626 | 159,682,521 |
| \$30,000 under \$35,000 | 4,729,899 | 5,294,687 | 152,927,369 | 171,601,299 | 124,032,123 | 138,893,019 |
| \$35,000 under \$ \$40,000 | 3,221,053 | 3,910,649 | 120,167,693 | 145,814,841 | 97,276,738 | 118,288,891 |
| \$40,000 under \$50,000 | 3,053,039 | 4,182,389 | 134,907,796 | 185,322,655 | 109,091,818 | 149,273,745 |
| \$50,000 under \$75,000 | 2,033,079 | 2,796,836 | 120,009,700 | 164,256,670 | 96,834,054 | 131,174,316 |
| \$75,000 under \$100,000 | 535,348 | 645,884 | 45,918,079 | 55,099,048 | 36,849,386 | 43,524,621 |
| \$100,000 under \$150,000 | 336,269 | 398,479 | 40,213,979 | 47,552,689 | 32,528,035 | 37,518,693 |
| \$150,000 under \$200,000 | 107,245 | 118,037 | 18,377,241 | 20,164,437 | 14,823,138 | 15,842,213 |
| \$200,000 under \$ $\$ 300,000$ | 68,422 | -80,945 | 16,387,236 | 19,350-168- | 1-3-217-348- | 15,230;276 |
| \$300,000 under $\$ 500,000$. | 31,947 | 37,147 | 11,956,450 | 13,906,555 | 9,505,239 | 10,788,043 |
| \$500,000 under $\$ 1,000,000 \ldots .$. | 12,467 | 14,758 | 8,323,125 | 9,815,188 | 6,516,941 | 7,416,993 |
| \$ $\$, 000,000$ or more .......... | 4,414 | 5,286 | 9,210,095 | 11,128,551 | 7,018,879 | 8,168,130 |


| Size of adjusted gross income | Total income tax ${ }^{\text {a }}$ |  | Percent of filers with no income tax liability |  | Filers with income tax liablity |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Average tax (whole dollars) | Tax as percent of adj. gross inc. |  |
|  | 1980 | 1981 |  |  | 1980 | 1981 | 1980 | 1981 | 1980 | 1981 |
|  | (7) | (8) | (9) | (10) | (11) | (12) | (13) | (14) |
| Total | 250,341,440 | 284,128,989 | 21.3 | 19.6 | 3,387 | 3,703 | 16.1 | 16.5 |
| Less than $\$ 1,000$ <br> $\$ 1,000$ under $\$ 3,000$ | $\begin{array}{r} 103,645 \\ 32,47! \end{array}$ | 137,840 43,465 | 99.7 96.9 | 99.5 95.5 | 10,0912 122 | $8,626^{2}$ 123 120 | 6.7 | 6.0 |
| \$3,000 under \$5,000 | 530,988 | 516,050 | 42.5 | 41.7 | 120 | . 120 | 2.9 | 2.9 |
| \$5,000 under \$7,000 | 1;864;897 | 1,761,464 | 32.1 | 32.0 | 360 | 357 | 6.0 | 5.9 |
| \$7,000 under \$9,000 | 3,494,441 | 3,306,387 | 17.8 | 18.1 | 579 | 571 | 7.2 | 7.1 |
| \$9,000 under \$11,000 .......... | 5,296,395 | 5,150,823 | 5.0 | 5.2 | 844 | 834 | 8.5 | 8.3 |
| \$11,000 under \$13,000 | 6,586,710 | 6,531,708 | 2.5 | 3.2 | 1,159 | 1,160 | 9.7 | 9.7 |
| \$13,000 under \$ $\$ 15,000$ | 7,633,561 | 7,601,053 | 2.1 | 2.2 | 1,480 | 1,498 | 10.7 | 10.7 |
| \$15,000 under \$17,000 M 1980 .. | 8,417,235 | 8,355,068 | 1.5 | 1.8 | 1,835 | 1,830 | 11.5 | 11.5 |
| \$17,000 under \$19,000 M 1981 .. | 9,351,972 | 9,226,778 | 1.1 | 1.3 | 2,173 | 2,179 | 12.1 | 12.1 |
| \$19,000 under \$22,000 ......... | 15,189,223 | 15,609,261 | 1.0 | 1.1 | 2,589 | 2,645 | 12.9 | 12.9 |
| \$22,000 under \$25,000 | 16,620,372 | 16,563,264 | . 6 | . 9 | 3,138 | 3,209 | 13.7 | 13.7 |
| \$25,000 under \$30,000 | 26,635,973 | 28,474,945 | . 4 | . 6 | 3,941 | 3,976 | 14.4 | 14.5 |
| \$30,000 under \$35,000 | 23,969,187 | 26,910,961 | . 5 | . 4 | 5,091 | 5,103 | 15.7 | 15.7 |
| \$35,000 under \$40,000 | 20,419,148 | 24,834,220 | . 5 | . 3 | 6,373 | 6,370 | 17.1 | 17.1 |
| \$40,000 under \$50,000 | 25,565,426 | 34,847,163 | . 4 | . 6 | 8,404 | 8,379 | 19.9 | 18.9 |
| \$50,000 under \$75,000 ......... | 27,208,647 | 36,299,454 | .6 | . 5 | 13,463 | 13,050 | 22.8 | 22.2 |
| \$75,000 under \$ $\$ 00,000 \ldots . .$. . | 12,549,071 | 14,715,265 | . 4 | . 4 | 23,531 | 22,867 | 26.4 | 26.8 |
| \$100,000 under \$ \$50,000 | 12,868,433 | 14,619,378 | . 3 | . 4 | 38,368 | 36,828 | 32.1 | 30.9 |
| \$150,000 under \$200,000 | 6,537,749 | 6,886,418 | .3 | . 2 | 61,169 | 58,439 | 35.7 | 34.2 |
| \$200,000 under \$300,000 ....... | 6,370,648 | 7,183,611 | .1 | . 2 | 93,234 | 88,930 | 38.9 | 37.2 |
| \$300,000 under \$500,000 ....... | 4,971,806 | 5,566,282 | . 1 | $\cdot 1$ | 155,797 | 149,990 | 41.6 | 40.1 |
| \$500,000 under \$1,000,000 ..... | 3,713,691 | 4,100,676 | $\cdot 1$ | $\cdot 1$ | 298,169 | 278,182 | 44.7 | 41.8 |
| \$1,000,000 or more ............ | 4,409,751 | 4,887,456 | .1 | .1 | 999,944 | 925,655 | 47.9 | 44.0 |

M - The median taxpayer was at this income level.
See notes following Table 13.

Table 3. (Continued)—Number of Individual Returns, Income, Tax and Average Tax by Size of Adjusted Gross Income, Tax Years 1980-1983 [All figures are estimates based on samples-money amounts are in thousands of dollars]

| Size of adjusted |
| :---: |
| gross income |
|  |

M - The median taxpayer was at this income level for both 1982 and 1983.
See notes following Table 13.

Table 4.-Nonfarm Sole Proprietorship Returns: Selected Income and Deduction Items for Selected Years, 1970-1983 [All figures are estimates based on samples-money amounts are in thousands of dollars]

| Item | 1970 | 1975 | 1980 | 1981 | 1982 | 1983 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | (1) | (2) | (3) | (4) | (5) | (6) |
| Number of returns, total Number with net income | 5,769,741 n.a. | $7,221,346$ n.a. | $8,931,712^{1}$ n.a. | $\begin{aligned} & 9,584,790^{1} \\ & 6,534,688 \end{aligned}$ | $\begin{gathered} 10,105,515^{1} \\ 6,761,405 \end{gathered}$ | $\begin{gathered} 10,703,921^{1} \\ 7,390,395 \end{gathered}$ |
| Inventory, end of year | 11,060,775 | 15,578,040 | 21,996,236 | 22,921,503 | $21,804,915$ | n.a. |
| Business receipts, total ........... Income from sales and operations | 198,582,172 | 273,954,741 | 411,205,713 | 427,063,055 | 433,664,897 | 465,168,637 |
| Income from sales and operations | n.a. | 272,342,560 | 407,169,299 | 421,700,025 | 428,311,840 | 455,382,492 |
| Total deductions | 168,044,746 | 234,318,288 | 356,258,495 | 373,991,426 | 383,091,734 | 404,808,647 |
| Cost of goods sold/operations | 109,148,811 | 146,261,435 | 209,889,809 | 209,723,950 | 205,471,499 | 212,631,063 |
| Purchases | 88,585,913 | 117,722,352 | 168,301,517 | 167,751,431 | 161,295,256 | n.a. |
| Cost of labor | 7,704,285 | $8,791,083$ | 10,922,221 | 10,923,120 | 11,424,639 | 9,870,673 |
| Materials and supplies | 6,216,057 | 9,090,638 | 12,909, 222 | 12,081,423 | 12,735,789 | n.a. |
| Commissions | 1,274,016 | 2,225,830 | 3,333,345 | 3,539,844 | 4,464,026 |  |
| Salaries and wages | 15,107,047 | 20,227,859 | 26,560,821 | 28,749,357 | 30,403,121 | 31;665,698 |
| Car and truck expenses | ${ }^{\text {n.a. }}$ | n, ${ }_{\text {n.a. }}$ | 13,378,289 | 12,358,478 | n.a. | 14,758,472 |
| Rent paid | 4,636,528 | 6,676,314 | 9,636,290 | 10,715,102 | 11,797,053 | 11,830,835 |
| Repairs | 2,444,607 | 3,044,175 | 5,031,573 | 5,414,156 | 6,006,403 | п.a. |
| Taxes paid | 3,775,502 | 5,423,961 | 7,672,459 | 6,661,054 | 7,747,540 | n.a. |
| Utilities | п.a. | n.a. | 4,790,337 | 8,275,517 | n.a. | n.a. |
| Insurance | 2,309,608 | 3,503,812 | 6,003,126 | 6,238,704 | 6,448,494 | п.a. |
| Interest paid | 1,784,276 | 3,390,845 | 7,190,257 | 9,052,338 | 10,143,489 | 9,925,746 |
| Depreciation | 5,451,525 | 7,958,143 | 13,952,703 | 15,854,513 | 19,121,559 | 22,069,530 |
| Pension and profit sharing plans | 72,741 | 125,296 | 141,463 | 152,588 | 136,359 | 122,915 |
| Net income (less loss) | 30,537,426 | 36,636,453 | 54,947,219 | 53,071,628 | 50,573,164 | 60,359,153 |
| Net income, businesses w/profit | 33,735,732 | 45,624,890 | 68,010,051 | 68,552,791 | 68,647, 384 | 78,618,410 |
| Net loss, businesses w/o profit | 3,198,306 | 5,988,437. | 13,062,832 | 15,481,162 | 18,094,220. | 18,259,256 |

See ${ }^{-}$notes following Tāble 13.

Table 5.—Partnership Returns: Selected Income Statement and Balance Sheet Items for Selected Years, 1970-1983 [All figures are estimates based on samples-money amounts are in thousands of dollars]

| Item | 1970 | 1975 | 1980 | 1981 | 1982 | 1983 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | (1) | (2) | (3) | (4) | (5) | (6) |
| Total number of active partnerships | 936,133 | 1,073,094 | 1,379,654 | 1,460,502 | 1,514,212 | 1,541,539 |
| . Number with net income .......... | 639,795 | 661,134 | 774,173 | 749,222 | 791,117 | 783,968 |
| Number with balance sheets | 555,741 | 783,271 | 1,194,236 | 1,193,792 | 1,217,386 | 1,190,696 |
| Number of partners .......... | 3,697,818 | 4,950,634 | 8,419,899 | 9,448,361 | 9,764,667 | 10,589,338 |
| Total assets ${ }^{1}$ | 116,752,751 | 235,468,301 | 597,503,923 | 715,232,726 | 845,281,449 | 886,992.767 |
| Buildings/depreciable assets (net). | n.a. | 113,124,969 | 239,139,823 | 367,270,152 | 310,846,376 | 485,402,717 |
| Inventories, end of year ........... | n.a. | 11,985,431 | 33,218,272 | 59,649,950 | 100,728,688 | n.a. |
| Land . . . . . . . . . . . . . . . . . . . . . . . . . . | n.a. | 36,731,958 | 70,241,248 | 76,336,446 | 84,820,308 | $98,427,459$ |
| Total liabilities | n.a. | 193,875,629 | 488,734,023 | 580,033,757 | 701,630,766 | 886,992,774 |
| Accounts payable .................... | n.a. | 12,302,055 | 33,899,048 | 29,092,451 | 37,254,748 | 34,724,772 |
| Short-term debt ${ }^{2}$ ² . . . . . . . . . . . . . . . | n.a. | 22,709,476 | 48,001,839 | 55,691,914 | 73,277,805 | 67,294,519 |
| Long-term debt ${ }^{3}$...................... | n.a. | 136,296,764 | 178,044,406 | 196,508,937 | 236,218,378 | 268,268,458 |
| Nonrecourse loans ................... | n.a. | n.a. | 118,910,380 | 138,134,304 | 154,508,961 | 194,828,542 |
| Partners' capital accounts | n.a. | 41,592,672 | 108,769,900 | 135,198,969 | 143,650,646 | 141,839,683 |
|  | 93,348,080 | 148,417,529 | 291,998,115 | 272,129,807. | 296,690,303 | 291,318,703 |
| Business receipts ${ }_{4}^{4}$.................. | 90,208,834 | 142,505,781 | 271,108,832 | 230,027,336 | 251,608,987 | $243,248,370$ |
| Interest received | 942,304 | 2,477,173 | 10,869,323 | 13,772,559 | 15,259,801 | $15,006,055$ |
| Total deductions ${ }^{4}$. | 83,557,684 | 140,679,959 | 283,749,460 | 274,864,704 | 304,004,833 | $298,928,744$ |
| Cost of goods sold/operations | 46,040,874 | 64,672,843 | 113,885,668 | 130,043,609 | 144,595,111 | 125,330,745 |
| Purchases ................... | 31,820,581 | 42,608,734 | 70,439,607 | 92,136,914 | 96,111.197 | n.a. |
| Cost of labor | 4,146,927 | 4,585,836 | 7,015,547 | 5,835,683 | .7,183,865 | n.a. |
| Salaries and wages | 8,129,233 | 12,489,039 | 22,336,337 | 21,136,914 | 23,204,883 | 24,733,780 |
| Taxes paid ..... | 3,159,258 | 5,770,918 | 9,553,145 | 5,040,336 | 5,288,971 | 5,909,545 |
| Interest paid 4. | 4,470,206 | 12,097,100 | 28,362,385 | 19,586,018 | 21,517,044 | 22,364,264 |
| Depreciation ${ }^{4}$, 5....................... | 4,578,820 | 10,108,834 | 21,576,189 | 27,263,184 | 32,361,640 | 37,340,062 |
| Net income (less loss) ................ | 9,790,396 | 7,737,570 | 8,248,655 | -2,734,897 | -7,314,587 | -2,610,041 |
| Net income, businesses w/profit .... | 14,419,124 | 22,431,931 | 45,061,756 | 50,567,190 | 53,556,856 | 60,308,114 |
| Net loss, businesses w/o profit .... | 4,628,728 | 14,694,361 | 36,813,100 | 53,302,086 | 60,871,442 | 62,918,155. |

See notes following Table 13.

Table 6.-Number of Business Income Tax Returns, by Size of Receipts and Assets, for Selected Years, 1970-1983 [All figures are estimates based on samples - number of businesses are in thousands]


See notes following Table 13.

Table 7.-Corporation Income Tax Returns: Selected Balance Sheet, Income Statement, and Tax Items by Industrial Divislon for Selected Years, 1970-1982
[All figures are estimates based on samples-money amounts are in thousands of dollars]

| Industrial division and items | 1970 | 1975 | 1979 | 1980 | 1981 | 1982 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | (1) | (2) | (3) | (4) | (5) | (6) |
| AGRICULTURE, FORESTRY AND FISHING |  |  |  |  |  |  |
| Number of returns, total | 37,283 | 56,280 | 76,643 | 80,883 | 85,370 | 91,320 |
| Number with net income | 19,843 | 33,328 | 46,683 | 43,827 | 44,948 | 47,858 |
| Total assets | 11,909,403 | 21,177,941 | 36,265,804 | 40,738,977 | 46,081,067 | 50,409,537 |
| Total liabilities | 7,897,335 | 14,332,992 | 24,775,572 | 29,278,042 | 32,492,648 | 36,289,615 |
| Total receipts | 14,277,707 | 28,118,514 | 50,986,876 | 52,089,91.5 | 65,061,959 | 65,356,911 |
| Business receipts | 13,591,763 | 26,624,149 | 48,367,354 | 48,850,056 | 60,907,045 | 60,643,550 |
| Interest received | 69,742 | 171,732 | 349,252 | 476,654 | 751,553 | 758,699 |
| Total deductions | 14,209,713 | 27,369,286 | 49,751,856 | 51,418,280 | 64,735,599 | 65,442,003 |
| Cost of sales and oper | 10,555,539 | 19,738,447 | 36,226,280 | 35,798,332 | 45,552,234 | 43, 222,379 |
| Interest paid | 356,225 | 797,420 | 1,592,102 | 2,184,441 | 2,738,463 | 3,048,844 |
| Net income (less loss) | 65,295 | 746,908 | 1,239,718 | 673,158 | 328,308 | -86,418 |
| Net income, businesses w/profit .. | 493,400 | 1,493,168 | 2,469,480 | 2,464,381 | 2,551,988 | ?,528,479 |
| Deficit, businesses w/o profit ... | 428,105 | 746,260 | 1,229,762 | 1,791,222 | 2,223,679 | 2,614,897 |
| Income tax before credits | 113,115 | 351,059 | 501,397 | 533,768 | 543,280 | 490,228 |
| Total income tax after credits '..... Distributions to stockholders | 107,023 | 294,584 | 365,106 | 422,282 | 414,448 | 375,422 |
| except in own stock | 65,824 | 244,524 | 326,037 | 304,733 | 512,027 | 409,070 |
| MINING |  |  |  |  |  |  |
| Number of returns, total | 14,465 | 14,242 | 24,296 | 25,576 | 33,363 | 36,676 |
| Number with net income | 7,303 | 8,297 | 11,259 | 12,698 | 17,634 | 15,950 |
| Total assets | 23,972,812 | 64,505,34] | 115,530,163 | 126,947,880 | 168,908,241 | 192,380,473 |
| Total liabilities | 10,590,991 | 31,739,651 | 64, 248,721 | 72,879,732 | 98,442,207 | 112,503,993 |
| Total receipts | 17,747,750 | 65,909,994 | 132,926,563 | 176,672,390 | 200,194,75]. | 203,098,557 |
| Business recelpts | 16,699,586 | 63,670,496 | 127,833,110 | 167,397,918 | 189,552,446 | 191,152,749 |
| Interest received | 176,728 | 522,757 | -959,329 | 1,301,266 | 2,432,908 | 2,695,216 |
| Total deductions | 15,927,348 | 42,348,765. | 89, 9992,366 | 169,051,624. | 195,021,576. | 203,045,736 |
| Cost of sales and ope | 9,955,600 | 30,171,612 | 60,477,876 | 116,989,880 | 150,193,394 | 151,521,066 |
| Interest paid | 388,032 | 1,166,182 | 2,769,022 | 3,440,080 | 6,051,461 | 7,623,777 |
| Net income (less loss) .............. | 1,834,315 | 23,574,833 | 43,063,340 | 7,750,561 | 5,620,746 | 543,578 |
| Net income, businesses w/profit .. | 2,399,507 | 24,347,893 | 44,911,264 | 10,133,685 | 10,611,609 | 8,429,100 |
| Deficit, businesses w/o profit | 565,192 | 773,060 | 1,571,455 | 2,383,124 | $4,990,863$ | 7,885,522 |
| Income tax before credits ......... | 1,031,550 | 11,361,037 | 20,098, 354 | 3,947,569 | 4,119,612 | 3,203,406 |
| Total income tax after credits ${ }^{1}$..... Distributions to stockholders | 342,928 | 1,051,138 | 1,212,267 | 1,672,492 | 1,685,491 | 1,044,556 |
| except in own stock ................ | 1,177,550 | 1,015,895 | 3,215,842 | 4,757,780 | 3,278 771 | 3,926,230 |
| CONSTRUCTION |  |  |  |  |  |  |
| Number of returns, total | 138,905 | 191,219 | 259,213 | 272,432 | 276,395 | 282,345 |
| Number with net income | 82,078 | 108,852 | 162,732 | 150,368 | 145,206 | 138,783 |
| Total assets | 42,719,792 | 76,691,947 | 125,420,947 | 132,939,026 | 150,764,144 | 153,085,046 |
| Total liabilities | 30,900,188 | 57,662,870 | 95,369,236 | 100,112,852 | 113,695,252 | 114,150,550 |
| Total receipts | 90,610,644 | 146,955,117 | 258,723,850 | 267,205,356 | 280,172,375 | 281,747,868 |
| Business receipts | 88,945, 385 | 1.43,412,715 | 252,702,613 | 260,387,692 | 270,543,236 | 271,633,721 |
| Interest received | 219,698 | 614,583 | 1,394,177 | 2,073,650 | 3,122,737 | 3,137,599 |
| Total deductions | 89,070,022 | 144,717,309 | 252,709,644 | 262,116,275 | 276,744,601 | 279,555,128 |
| Cost of sales and operat | 73,434,969 | 116,845,554 | 204,42.1,609 | 208,064,925 | 214,612,975 | 212,698,363 |
| Interest paid | 711,496 | 1,973,244 | 3,536,998 | $4,278,502$ | 5,318,285 | 5,455,056 |
| Net income (1ess loss) | 1,538,418 | 2,236,262 | 6,136,913 | 5,271,209 | 3,455,058 | 2,323,952 |
| Net income, businesses w/profit . | 2,548,013 | 4,514,864 | 9,117,112 | 8,911,143 | 8,295,947 | 8,106,061 |
| Deficit, businesses w/o profit ... | 1,009,595 | 2,278,602 | 2,980,199 | 3,639,934 | 4,840,889 | 5,782,109 |
| Income tax before credits <br> Total income tax after credits | 776,979 756,637 | 1,320,196 | $2,550,908$ $1,824,890$ | 2,521,507 | 2,316,708 | 2,069,718 |
| Distributions to stockholders | 756,637 | 1,131,960 |  | 1,973,614 | 1,868,113 | 1,578,992 |
| MANUFACTURING |  |  |  |  |  |  |
| Number of returns, total | 197,807 | 217,354 | 241,795 | 242,550 | 251,294 | 259,106 |
| Number with net income | 120,814 | 136,839 | 164,605 | 153,640 | 149,964 | 146,415 |
| Total assets | 612,912,516 | 944,581,970 | 1,533,494,376 | 1,709,471,700 | 1,933,710,383 | 2,060,710,683 |
| Total liabilities | 303,989,223 | 501,994,296 | 856,041,068 | 960,284,926 | 1,085,493,079 | 1,163,839,539 |
| Total receipts | 722,952,890 | 1,296,359,650 | 2,166,399,886 | 2,404,323,844 | 2,613,512;581 | 2,488,331,915 |
| Business receipts | 700,090,661 | 1,258,338,650 | 2,086,220,228 | 2,301,056,550 | 2,487,695,859 | 2,357,973,059 |
| Interest received | 4,748,499 | 1, 8,691,092 | 21,355,133 | 28,315,784 | 38,848,407 | 38,134,480 |
| Total deductions | 692,455,462 | 1,230,689,496 | 2,045,448,376 | 2,290,593,808 | 2,509,134,569 | 2,423,254,936 |
| Cost of sales and operations | 495,879,549 | 925,111,030 | 1,533,327,048 | 1,707,143,900 | 1,822,985,043 | 1,660,537,002 |
| Interest paid ....... | 12,570,242 | 22,055,903 | 41,587,856 | 54,177,356 | $73,084,336$ 116 | 79,322,435 |
| Net income (less loss). | 31,846,078 | 68,406,627 | 130,791,918 | 125,667,815 | 116,775,393 | 75,791,264 |
| Net income, businesses w/profit | 37,925,489 | 74,466,554 | 140,223,449 | 141,547,510 | 138,215,539 | 108,170,744 |
| Deficit, businesses $\mathrm{w} / 0$ profit Income tax before credits | 6,079,411 | 6,059,927 | 9,431,531 | 15,879,695 | 21,440,146 | 32,379,481 |
| Income tax before credits Total income tax after credits ${ }^{\text {a }}$....... | 16,744,905 | 32,306,739 | 58,668,112 | 59,577,413 | 58,820,480 | 45;015,096 |
| Total.income tax after credits ${ }^{1} \ldots \ldots$ Distributions to stockhol ders | 13,242,226 | 21,024,964 | 35,059,349 | 32,701,861 | 30,115,496 | 26,616,529 |
| except in own stock ... | 14,616,282 | 19,973,061 | 38,321,486 | 37,306,509 | 41,434,134 | 43,912,134 |

Table 7. (Continued)—Corporation Income Tax Returns: Selected Balance Sheet, Income Statement, and Tax Items by Industrial Divislon for Selected Years, 1970-1982
[All figures are estimates based on samples-money amounts are in thousands of dollars]

| Industrial division and items | 1970 | 1975 | 1979 | 1980 | 1981 | 1982 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | (1) | (2) | (3) | (4) | (5) | (6) |
| TRANSPORTATION AND PUBLIC UTILITIES |  |  |  |  |  |  |
| Number of returns, total ......... | 67,398 | 80,701 | 4 | 111,324 | 109,127 | 115,4 |
| Number with net income | 38,204 | 45,360 | 61,583 | 62,232 | 56,480 | 59,70 |
| Total assets | 287,740,207 | 443,236,797 | 676,186,972 | 758,364,400 | 837,300,816 | 919,861,069 |
| Total liabilities | 166,535,185 | 266,792,390 | 411,531,388 | 467,708,707 | 516,438,230 | 566,980,444 |
| Total receipts | 135,495,271 | 243,480,637 | 448,140,811 | 523,807,396 | 598,507,994 | 632,294,442 |
| Business receipts | 131,463,171 | 234,689,427 | 434,427,319 | 507,372,820 | 575,602,089 | 606,039,657 |
| Interest recelved | ,930,266 | 1,520,913 | 4,067,665 | 5,760,072 | 8,048,746 | 9,138,892 |
| Total deductions | 127,931,131 | 233,409,166 | 429,849,123 | 503,954,285 | 579,172,068 | 614,397,320 |
| Cost of sales and ope | 77,743,359 | 143,932,463 | 284,041,578 | 336,868,172 | 358,354,512 | 338,796,961 |
| Interest pald .....j | 7,364,200 | 13,761,062 | 21,631,167 | 27,638,591 | 34,085,384 | 36,839,460 |
| Net income (less loss) | 7,543,718 | 10,099,571 | 18,462,903 | 20,046,155 | 19,573,717 | 18,335,959 |
| Net income, businesses w/pro | 9,471,595 | 12,088,189 | 22,058,598 | 24,917,293 | 25,739,287 | 27,378,633 |
| Deficit, businesses w/o pro | 1,927,877 | 1,988,618 | 3,595,695 | 4,871,138 | 6,165,570 | 9,042,673 |
| Income tax before credits | 4,342,334 | 5,107,158 | 9,115,461 | 10,532,722 | 10,481,203 | 11,356,073 |
| Total income tax after credits ${ }^{\text {1 }}$... Distributions to stockholders | 4,036,650 | 2,836,470 | 4,834,026 | 5,322,990 | 5,065,529 | 4,925,936 |
| except in own stock | 5,837,565 | 8,900,353 | 15,275,029 | 17,329,807 | 19,622,705 | 21,438,500 |
| WHDLESALE AND RETAIL TRADE |  |  |  |  |  |  |
| Number of returns, total | 518,062 | 614,632 | 776,661 | 799,628 | 816,836 | 39,547 |
| Number with net income | 339,987 | 399,668 | 502,947 | 487,300 | 476,877 | 468,108 |
| Total assets | 192,181,800 | 323,496,726 | 573,310,389 | 646,901,005 | 708,060,408 | 753,351,132 |
| Total liabilities | 115,179,668 | 200,846,992 | 376,719,434 | 424,611,318 | 472,256,895 | 501,934,034 |
| Total recelpts | 522,547,923 | 969,938,872 | 1,750,559,063 | 1,955,523,778 | 2,039,628,384 | 2,017,701,364 |
| Business receipts | 511,316,883 | 951,463,550 | 1,711,773,627 | 1,919,347,689 | 1,997,262,710 | 1,972,305,356 |
| Interest recelved | 1,291,906 | 3,857,318 | 8, 8,243,949 | 10,503,989 | 1, 14,319,277 | 14,373,589 |
| Total deductions | 512,910,193 | 947,511,780 | 1,711,496,089 | 1,919,454,218 | 2,006,891,471 | 1,989,739,286 |
| Cost of sales and ope | 392,391,856 | 745,299,204 | 1,361,550,632 | 1,538,128,634 | 1,594,256,679 | 1,556,263,179 |
| Interest paid | 4,309,663 | 8,587,173 | 19,931,751 | 25,645,855 | 30,997,865 | 30,429,310 |
| Net income (less loss). | 9,671,044 | 22,489,430 | 40, 242,601 | 38,309,671 | 33,320,403 | 28,442,678 |
| Net income, businesses w/profit. | 12,395,411 | 27,681,721 | 48,246,345 | 49,426,500 | 47,657,374 | 45,747,936 |
| Deficit, businesses w/o profit.. | 2,724,367 | 5,192,291 | 8,003,744 | 11,116,829 | 14,336,971 | 17,305,258 |
| Income tax before credits | 4,476,047 | 8,103,316 | 13,313,992 | 13,515,653 | 12,329,212 | 11,372,087 |
| Total income tax after credits Distributions to stockholders | 4,237,181 | 7,348,619 | 10,772,309 | 10,550,255 | 10,282,598 | 9,379,328 |
| except in own stock. | 2,068,501 | 5,029,897 | 8,821,280 | 10,343,087 | 10,034,841 | 12,069,015 |
| FINANCE, INSURANCE AND REAL ESTATE |  |  |  |  |  |  |
| Number of returns, total . | 406,235 | 411,846 | 471,227 | 493,426 | 95 | , 33 |
| Number with net incon | 248,586 | 243,409 | 281,195 | 273,853 | 258,622 | 252,689 |
| Total assets | 1,401,153,520 | 2,321,965,956 | 3,630,045,296 | 4,022,206,073 | 4,486,191,441 | 4,987,466,401 |
| Total liabilities | 1,204,673,072 | 2,052,195,429 | 3,187,436,102 | 3,491,664,756 | 3,830,001,863 | 4,220,527,191 |
| Total receipts | 177,321,173 | 315,795,981 | 560,968,442 | 697,460,846 | 877,808,946 | 949,867,877 |
| Business receipts | 92,091,887 | 157,126,715 | 254,722,667 | 256,892,475 | 330,631,846 | 337,493,098 |
| Interest received | 63,694,046 | 127,040,303 | 250,979,245 | 315,146,115 | 421,159,015 | 456,333,537 |
| Total deductions | 161,630,060 | 297,963,817 | 514,086,140 | 652,637,787 | 838,764,803 | 915,164,762 |
| Cost of sales and | 48,434,362 | 84,614,209 | 123,367,688 | 129,644,330 | 162,447,596 | 169,435,694 |
| Interest paid | 34,548,509 | 77,677,659 | 164,365,541 | 219,167,684 | 314,128,780 | 340,960,344 |
| Net income (less Joss) | 12,214,079 | 11,663,330 | 37,011,262 | 33,122,792 | 26,346,494 | 21,804,088 |
| Net income, businesses w/profit. | 15,081,939 | 18,825,003 | 43,275,518 | 46,040,390 | 53,018,005 | 57,745,075 |
| Deficit, businesses w/o p | 2,867,860 | 7,161,673 | 6,264,256 | 12,917,599 | 26,671,510 | 35,940,986 |
| Income tax before credits ....... | 4,404,449 | 5,558,647 | 11,595,112 | 9,680,755 | 7,968,422 | 7,643,631 |
| Total income tax after credits '... Distributions to stockholders | 4,150,009 | 4,673,705 | 9,601,617 | 7,698,134 | 6,037,489 | 5,497,997 |
| except in own stock... | 7,387,211 | 8,729,977 | 18,348,769 | 24,692,146 | 41,998,295 | 46,504,963 |
| SERVICES |  |  |  |  |  |  |
| Number of returns, total | 281,218 | 435,672 | 609,103 | 671,338 | 752,813 | 819,706 |
| Number with net income | 150,525 | 249,641 | 364,156 | 408,716 | 441,100 | 472,799 |
| Total assets | 61,875,140 | 90,534,067 | 153,219,483 | 178,163,737 | 213,724,531 | 237,876,895 |
| Total liabilitie | 42,346,078 | 63,678,693 | 108,132,469 | 125,298,224 | 152,673,683 | 170,091,510 |
| Total receipts | 69,572,626 | 131,377,364 | 244,542,893 | 279,883,187 | 346,846,723 | 380,767,394 |
| Business receipts | 66,459,515 | 125,747,462 | 234,497,897 | 266,088,619 | 328,053,889 | 355,090, 610 |
| Interest received | 435,070 | 875,506 | 2,196,467 | 3,269,412 | 4,696,008 | 5,120,807 |
| Total deductions | 68,384,452 | 127,996,443 | 236,359,966 | 271,792,974 | 338,790,049 | 373,717,841 |
| Cost of sales and opera | 37,733,747 | 63,724,869 | 117,057,522 | 129,352,692 | 157,886,393 | 135,273,962 |
| Interest patd ...... | 1,802,802 | 3,279,438 | 6,082,021 | 8,033,612 | 10,472,892 | 11,265,412 |
| Net income (less loss) ........... | 1,198,703 | 3,396,744 | 8,252,805 | 8,193,903 | 8,197,916 | 7,199,258 |
| Net income, businesses w/profit. | 3,384,869 | 6,025,592 | 12,060,033 | 13,246,601 | 15,182,552 | 16,061,222 |
| Deficit, businesses w/o profit.. | 2,186,166 | 2,628,848 | 3,807,228 | 5,052,698 | 6,984,635 | 8,861,964 |
| Income tax before credits ........ | $1,058,264$ $1,003,130$ | 1, 2225,093 | 3,276,011 | 3,497,265 | 4,029,725 | 3,885,618 |
| Total income tax after credits ${ }^{1} \ldots$. Distributions to stockholders | 1,003,130 | 1,323,637 | 2,419,382 | 2,613,888 | 2,943,149 | 2,617,390 |
| except in own stock .......... | 558,452 | 855,402 | 1,816,177 | 1,841,945 | 2,49],324 | 3,269,285 |

Table 8.-Corporation Income Tax Returns: Selected Balance Sheet, Income Statement, and Tax Items for Selected Years, 1970-1982
[All figures are estimates based on samples-money amounts are in thousands of dollars]

| Item | 1970 | 1975 | 1979 | 1980 | 1981 | 1982 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | (1) | (2) | (3) | (4) | (5) | (6) |
| Number of returns, total | 1,665,477 | 2,023, | 2,577,801 | 2,710,538 | 2,812,420 | 2,925,933 |
| Number with net income | 1,008,337 | 1,226,208 | 1,599,322 | 1,596,632 | 1,597,298 | 1,608,363 |
| Small Business Corp. returns | 257,475 | 358,413 | 518,550 | 545,389 | 541,489 | 564,219 |
| DISC returns | N/A | 6,431 | 8,066 | 8,665 | 9,408 | 9,663 |
| Total assets | 2,634,706,564 | 4,286,556,273 | 6,844,891,231 | 7,617,238,403 | 8,547,161,872 | 9,357,784,804 |
| Notes and acc'ts receivable | 614,667,376 | 1,051,542,806 | 1,817,469,863 | 1,984,601;790 | 2,239,832,960 | 2,420,475,398 |
| Inventories | 190,401,642 | 317,718,545 | 504,315,590 | 534,806,547 | 588,219,956 | 581,241,455 |
| Investments in Gov't obligations | 196,625,390 | 316,131,699 | 421,441,738 | 472,059,737 | 514,837,697 | 605,513,662 |
| Net capital assets, except land ${ }^{\text {1 }}$ | 552,838,384 | 825,107,002 | 1,264,872,322 | 1,418,605,742 | 1,591,843,868 | 1,761,860,557 |
| Total liabilities | 1,882,295,401 | 3,189,491,468 | 5,125,337,041 | 5,672,850,147 | 6,303,221,090 | 6,888,211,820 |
| Accounts payable | 148,812,597 | 263,417,584 | 482,558,295 | 542,172,368 | 619,969,292 | 678,630,282 |
| Short-term debt ${ }^{2}$ | 170,884,261 | 272,123,551 | 452,958,194 | 504,802,288 | 585,947,678 | 667,060,956 |
| Long-term debt ${ }^{2}$ | 362,700,303 | 586,703,526 | 885,515,693 | 986,663,932 | 1,058,070,877 | 1,224,277,725 |
| Net worth | 752,411,163 | 1,097,064,806 | 1,719,554,190 | 1,944,388,256 | 2,243,940,782 | 2,469,572,984 |
| Total receipts | 1,750,776,503 | 3,198,627,860 | 5,615,625,519 | 6,361,284,012 | 7,026,351,839 | 7,024,097,766 |
| Business receipts | 1,620,885,576 | 2,961,729,640 | 5,152,613,019 | 5,731,616,337 | 6,244,678,064 | 6,156,994,009 |
| Interest on Gov't obligat | 9,687,116 | 17,264,405 | 30,420,365 | 38,061,592 | 50,519,552 | n.a. |
| State and Local | 3,775,917 | 6,711,606 | 10,878,916 | 12,620,876 | 13,881,460 | 14,124,877 |
| United States | 5,911,199 | 10,552,799 | 19,541,449 | 25,440,716 | 36,638,092 | 515,628,874 |
| Other interest | 61,883,309 | 126,034,505 | 259,146,298 | 328,802,958 | 442,918,194 |  |
| Rents and royalties | 16,524,889 | 26,932,271 | 40,303,671 | 53,821,391 | 67,522,636 | 83,051,513 |
| Net short-term capital gain less net long-term capital. loss ...... Net long-term capital gain less | 190,439 | 301,601 | 1,209,842 | 2,013,510 | 2,178,572 | 2,882,207 |
| Net long-term capital gain ess | 5,481,580 | 8;364=52.3 | -20,005-538- | 24=910-957= | 29,064 $=630$ | 26,318-184 |
| Net gain, sales of noncap. assets | 5,315,562 | 7,757,287 | 15,397,176 | 20,117,615 | 16,639,271 | 20,992,023 |
| Dividends received from domestic corporations | 5,238,421 | 8,818,282 | 16,863,766 | 18,654,800 | 17,442,112 | 18,155,559 |
| Dividends received from foreign corporations | 3,466,515 | 5,467,726 | 12,715,084 | 14,563,353 | 13,790,320 | 13,950,906 |
| Total deductions | 1,682,778,847 | 3,052,674,597 | 5,331,970,825 | 6,125,365,155 | 6,813,841,356 | 6,869,267,462 |
| Cost of sales and | 1,146,263,273 | 2,129,928,467 | 3,721,782,971 | 4,204,905,905 | 4,509,198,199 | 4,270,850,310 |
| Bad debts | 6,479,814 | 13,781,147 | 17,486,107 | 18,769,771 | 22,286,815 | 26,690,963 |
| Taxes paid | 49,523, 243 | 81,530,302 | 128,172,063 | 163,003,622 | 170,470,926 | 165,888,353 |
| Interest paid | 62,055,010 | 129,307,921 | 261,530,850 | 344,612,542 | 476,964,684 | 515,032,667 |
| Contributions or gi | 797,029 | 1,202,130 | 2,294,755 | 2,358,554 | 2,514,425 | 2,906,476 |
| Depreciation | 52,941,266 | 86,295,664 | 138,490,396 | 157,345,828 | 186;195,048 | 213,179,160 |
| Depletion | 5,623,339 | 5,341,489 | 7,828,973 | 8,871,993 | 7,929,396 | 7,021,176 |
| Pension, profit-sharing, stock bonus, and annuity plans .... | 12,225,912 | 26,526,129 | 46,583,431 | 51,529,310 | 52,952,583 | 54,232,011 |
| Net loss, sales of noncap. asse | 1,289,305 | 1,804,079 | 4,074,858 | 5,903,104 | 7,943,607 | 10,367,020 |
| Net income (tess loss) | 65,901,614 | 142,636,826 | 285,300,630 | 239,006,542 | 213,648,962 | 154,334,143 |
| Net income, businesses w/profit | 83,710,924 | 169,483,336 | 322,517,550 | 296,787,201 | 301,440,778 | 274,352,942 |
| Net loss, businesses w/o profit | 17,809,310 | 26,846,510 | 37,216,920 | 57,780,659 | 87,791,816 | 120,018,799 |
| Income subject to tax | 72,374,437 | 146,589,287 | 280,155,155 | 246,598,486 | 240,422,626 | 205,175,407 |
| Income tax before credits ${ }^{3}$ | 32,949,937 | 65,769,822 | 119,157,964 | 103,831,172 | 100,644,417 | 85,077,493 |
| Tax credits, total | 5,414,940 | 26,452,791 | 54,229,274 | 42,167,741 | 43,813,131 | 39,694,245 |
| Foreign tax credit | 4,548,986 | 19,987,724 | 36,828,057 | 24,861,315 | 21,828,686 | 19,137,201 |
| Possessions tax credit | N/A | N/A | 1,376,124 | 1,565,681 | 1,945,637 | 2,026,980 |
| Investment credit | 865,954 | 6,459,746 | 14,678,306 | 15,102,812 | 18,887,286 | 17,312,702 |
| Jobs credit | N/A | N/A | 1,318,837 | 601,444 | 472,895 | 327,285 |
| Research credit | N/A | N/A | N/A | N/A | 639,302 | 839,220 |
| Income tax after credits ${ }^{3}$ | 27, 534,997 | 39,317,031 | 64,928,690 | 61,663,431 | 56,831,286 | 45,383,248 |
| Additional tax for tax preferences | 265,249 | 156,740 | 433,649 | 438,820 | 524,851 | 478,457 |
| Total income tax | 27,878,078 | 39,691,517 | 66,120,672 | 62,974,695 | 58,444,720 | 47,071,909 |
| Distributions to stockholders, except in own stock .......... | 32,012,677 | 45,224,392 | 86,833,911 | 97,378,617. | 120,295,338 | 132,478,411 |

See notes following Table 13.

Table 9.-Gross Internal Revenue Collections: Amount Collected by Quarter and Fiscal Year, 1981-1985 [Money amounts are in millions of dollars]

| Quarter and fiscal year | Amount collected by type of return |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Total | Individual income taxes ${ }^{1}$ | Corporation income taxes ${ }^{2}$ | Excise taxes | Employment taxes ${ }^{4}$ | Estate and gift taxes |
| FISCAL YEAR 1981 TOTAL <br> October 1980 - December 1980 <br> January 1981 - March 1981 $\qquad$ <br> April 1981 - June 1981 $\qquad$ <br> July 1981 - September 1981 $\qquad$ | (1) | (2) | (3) | (4) | (5) | (6) |
|  | 606,799 | 332,850 | 73,733 | 40,420 | 152,886 | 6,910 |
|  | 118,804 | 67,081 | 14,527 | 7,305 | 28,193 | 1,698 |
|  | 143,899 | 77,467 | 14, 844 | 10,082 | 39,878 | 1,628 |
|  | 196,970 | 108,600 | 29,204 | 11,963 | 45,510 | 1.692 |
|  | 147,126 | 79,702 | 15,158 | 11,069 | 39,304 | 1,893 |
| FISCAL YEAR 1982 TOTAL $\qquad$ October 1981 - December 1981 January 1982 - March 1982 $\square$ April 1982 - June 1982 $\qquad$ July 1982 - September 1982 ... | 632,241 | 352,609 | 65,991 | 36,779 | 168,718 | 8,143 |
|  | 137,570 | 71,526 | 15,898 | 10,577 | 37,654 | 1,915 |
|  | 154,128 | 85,930 | 14,722 | 9,426 | 41,751 | 2. 299 |
|  | 196,506 | 113,852 | 23,115 12,256 | 8,389 8,387 | 49,165 40,148 | 1,986 1,943 |
|  | 144,036 | 81,301 | 12,256 |  |  | 1,943 |
| FISCAL YEAR 1983 TOTAL $\qquad$ October 1982 - December 1982 January 1983 - March 1983 $\qquad$ April 1983 - June 1983 $\qquad$ <br> July 1983 - September 1983. | 627,247 | 349,628 | 61,780 | 35,766 | 173,848 | 6,226 |
|  | 132,205 | 70,312 | 13,404 | 8,498 | 38,404 | 1,588 |
|  | 150,019 | 86,853 | 11,494 | 8,222 | 41,930 | 1,519 |
|  | 194,431 | 111,721 | 22,027 | 8,947 | 50,219 | 1,516 |
|  | 150,591 | 80,742 | 14,855 | 10,097 | 43,294 | 1,602 |
| ```FISCAL YEAR 1984 TOTAL October 1983-December 1983 January 1984 - March 1984 April 1984 - June 1984 July 1984 - September 1984``` | 680, 475 | 362,892 | 74,179 | 38,017 | 199,210 | 6,177 |
|  | 141,849 | 73,379 | 16,208 | 9, 654 | 41,132 | 1,476 |
|  | 164,681 | 89,316 | 14,337 | 8,862 | 50,545 | 1,622 |
|  | 208,814 | 114,525 | 25,990 | 9, 680 | 57,061 | 1,558 |
|  | 165,131 | 85,672 | 17,644 | 9,822 | 50,472 | 1,521 |
| ```FISCAL YEAR 1985 TOTAL ................. October 1984.- December 1984 January 1985 - March 1985 April 1985 - June 1985 July 1985-September 1985``` | 742,871 | 396,659 | 77,413 | 37,005 | 225,214 | 6,580 |
|  | 155,919 | 79,775 | 17,546 | 9,732 | 47,286 | 1,580 |
|  | 176,324 | 89,325 | 17,350 | 8,650 | 59,352 | 1,647 |
|  | 233,946 | 136,141 | 24,843 | 9,013 | 62,313 | 1,636 |
|  | 176,682 | 91,418 | 17,674 | 9,610 | 56,263 | 1,717 |

See notes following Table 13.
Table 10.—Intemal Revenue Refunds: Amounts Refunded by Quarter and Fiscal Year, 1981-1985 [Money amounts are in millions of dollars]

| Quarter and fiscal year | Amount refunded by type of return |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Tota 1 | Individual income taxes ${ }^{1}$ | Corporation income taxes ${ }^{2}$ | Excise taxes ${ }^{3}$ | Employment taxes ${ }^{4}$ | Estate and gift taxes |
|  | (1) | (2) | (3) | (4) | (5) | (6) |
| FISCAL YEAR 1981 TOTAL | 63,303 | 48,409 | 13,2¢4 | 343 | 1,114 | 143 |
| October 1980 - December 1980. | 4,215 | 97! | 3,047 | 49 | 116 | 3 ? |
| January 1981 - March 1981. | 21,988 | 18,285 | 3,627 | 76 | -99 | $\cdots$ |
| April 1981 - June 1981 ............. | 30,352 | 26,027 | 3,160 | 163 | 967 | 34 |
| July 1981 - September 1981 ......... | 6,749 | 3,125 | 2,400 | 55 | 128 | 40 |
| FISCAL YEAR 1982 TOTAL ............... | 75,202 | 55,102. | 17,974 | 367 | 1,578 | 181 |
| October 1981 - December 1981 ...... | 5,530 | 1,347 | 3,920 | 42 | 185 | 37 |
| January 1982 - March 1982 .. | 24,024 | 19,338 | 4,197 | 76 | 377 | 36 |
| April 1982 - June 1982... | 35,793 | 30,481 | 4,298 | 163 | 796 | 54 |
| July 1982 - September 1982 ......... | 9,855 | 3,936 | 5,559 | 86 | 220 | 53 |
| FISCAL YEAR 1983 TOTAL | 89,761 | 61,198 | 26,012 | $49 ?$ | 1,249 | 208 |
| October 1982 - December 1982 | 9,411 | 1,875 | 7,030 | 58 | 397 | 52 |
| January 1983 - March 1983 | 23,928 | 16,548 | 6,238 | 102 | 272 | 62 |
| April 1983 - June 1983 ............. | 46,715 | 28,341 | 7,421 | 194 | 721 | 38 |
| July 1983 - September 1983 ......... | 8,705 | 4,434 | 4,723 | 133 | 359 | 56 |
| FISCAL YEAR 1984 TOTAL ................ | 85,872 | 64,629 | 17,8¢9 | 657 | 2,486 | 211 |
| October 1983 - December 1983 ....... | 7,201 | 2,064 | 4,548 | 195 | 325 | 69 |
| January 1984 - March 1984 . . . . . . . . . | 25,285 | 19,613 | 4,850 | 129 | 646 | 47 |
| April 1984 - June 1984 ............. | 44,859 | 38,161 | 5,45? | 230 | 968 | 47 |
| July 1984 - September 1984 ......... | E,527 | 4,790 | 3,039 | 103 | 547 | 48 |
| FISCAL YEAR 1985 TOTAL | 86,320 | 66,908 | 16,725 | 892 | 1,605 | 150 |
| October 1984 - December 1984 ....... | 6,729 | 2,246 | 4,177 | 122 | 138 | 46 |
| January 1985 - March 1985 .......... | 17,664 | 12,808 | 4,286 | $\bigcirc$ | 439 | 40 |
| April 1985 - June 1985 ............. | 52,376 | 46,370 | 4,701 | 556 | 702 | 47 |
| July 1985 - September 1985.......... | 9,551 | 5,484 | 3,561 | 123 | 32 C | 57 |

Table 11.-Classes of Exclse Taxes by Selected Fiscal Year, 1970-1985 [Money amounts are in thousands of dollars]

| Selected class of tax | Taxes collected by fiscal year |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1970 | 1975 | 1980 | 1982 | 1984 | 1985 |
|  | (1) | (2) | (3) | (4) | (5) | (6) |
| ALCOHOL TAXES, TOTAL | 4, 746, 382 | 5,350,858 | 5,704,768 | 5,459, 810 | 5,402,467 | 5,398,100 |
| Distilled spirits | 3,501,538 | 3,865,162 | 3,945, 377 | 3,634, 519 | 3,566,482 | 3,520,697 |
| Wine | 163,337 | 177,113 | 211,538 | 218,987 | 319,920 | 305,'966 |
| Beer | 1,081,507 | 1,308, 583 | 1,547,853 | 1,606,303 | 1,51 6,064 | 1,571,436 |
| TOBACCO TAXES, TOTAL | 2,094,212 | 2,315,090 | 2,446,416 | 2,539,495 | 4,663,610 | 4,483,193 |
| Cigarettes | 2,036,101 | 2,261,116 | 2,402,857 | 2,499,046 | 4,623,288 | 4,448,916 |
| Cigars | 56, 834 | 51,226 | 39,500 | 35,666 | 30, 372 | 24,294 |
| manufacturers excise taxes, total .. | 6,683,061 | 5,516,611 | 6,487,421 | 6,382,900 | $\mathrm{r}_{10,107,930}$ | 10,020,574 |
| Gasoline and lubricating oil ${ }^{1}$.... | 3,517, 586 | 4,071,465 | 4, 326,549 | 4,320, 856 | 9,020,413 | 9,062,630 |
| Tires, tubes and tread rubber ${ }^{2} \ldots$ | 614,795 | 697,660 | 682,624 | 668,902 | 423,315 | 242,923 |
| Motor vehicles, bodies, parts ${ }^{3}$ | 1.753,327 | 662,556 | 1,088,696 | 914,524 | -14,777 | N/A |
| Recreational products | 53,427 | 84,946 | 136,521 | 158,054 | 132, 448 | 166,666 |
| Black Lung taxes | N/A | N/A | 251,288 | 237,097 | 525,422 | 548, 356 |
| SPECIAL FUELS, AND RETAILERS TAXES, TOTAL ${ }^{4}$ | 257,820 | 404,187 | 560,144 | 587,486 | r2,579,747 | 3,802,608 |
| Diesel and special motor fuels | 257, 712 | 370,489 | 512,718 | 553,107 | 1,571,437 | 2,430,165 |
| Trucks and buses | N/A | N/A | N/A | N/A | 932,645 | 1,289,750 |
| MISCELLANEOUS EXCISE taXes, TOTAI. . | 2,084,730 | 3,306,077 | 6,359,198 | 19,773,803 | $\mathrm{r}_{13,319,322}$ | 11,044,833 |
| Telephone and teletype ${ }^{5}$ | 1,469,562 | 2,023,744 | 1,117,834 | 998,503 | 2,034,965 | 2,307,607 |
| Air transportat | 250,802 | 850,567 | 1,748,837 | 1,326,829 | 2,456, 712 | 2,589,818 |
| Highway use tax ... | 135,086 | 207, 663 | 263,272 | 266,225 | 175,054 | 456,143 |
| Foreign insurance ${ }^{6}$ | 8,614 | 19,458 | 74,630 | 74,882 | 56,037 | 73,494 |
| Exempt organization net investment income ..... | N/A | 63,828 | 65,280 | 84,045 | 146,806 | 136,153 |
| Crude oit windfali prof it ......... | N/A | N/A | 3,051,719 | 16,930,548 | 8,120,274 | 5,073,159 |
| Environmental taxes (Superfund) .. | N/A | N/A | N/A | 61,264 | 275, 389 | 272,957 |


| Selected class of tax | Fiscal year quarter ending |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | June 1984 | Sept. 1984 | Dec. 1984 | Mar. 1985 | June 1985 | Sept. 1985 |
|  | (7) | (8) | (9) | (10) | (11) | (12) |
| ALCOHOL TAXES, TOTAL | 1,349,855 | 1,441,480 | 1,298,724 | 1,239,795 | 1,238,983 | 1,620,598 |
| Distilled soirits | 880, 320 | 867,837 | 888, 691 | 859,709 | 752,229 | 1,020,068 |
| Wine | 60,189 | 107,108 | 109,603 | 60, 328 | 58,927 | 81,341 |
| Beer | 409,346 | 466,535 | 300,430 | 319,758 | 427,826 | 519,189 |
| TOBACCO TAXES, TOTAL | 1,126,564 | 1,233,254 | 727,357 | 1,601,544 | 914,703 | 1,239,589 |
| Cigarettes | 1,116,732 | 1,222,152 | 719,345 | 1,593,363 | 907,627 | 1,228,581 |
| Cigars | 7,682 | 8,069 | 5,384 | 5,683 | -4,261 | 8,966 |
| manufacturers excise taxes, total .. | 2,327,656 | $\mathrm{r}_{2,247,879}$ | 2,551,347 | 2,547,693 | 2,651,955 | 2,299,302 |
| Gasoline and lubricating oil ${ }^{1}$.... | 2,107,117 | 2,242,842 | 2,300,865 | 2,321,565 | 2,389, 356 | 2,050,740 |
| Tires, tubes and tread rubber ${ }^{2} \ldots$ | 50,255 | 51,343 | 51,738 | 51,885 | 64,634 | 74,666 |
| Motor vehicles, bodies, parts ${ }^{3}$ | $-3,496{ }^{7}$ | ${ }^{-218}{ }^{7}$ | $-2,3257$ | -236 ${ }^{7}$ | 3,744 | N/A |
| Recreational products ......... | 34,887 | 38,007 | 44,031 | 23,944 | 56,960 | 41,750 |
| Black Lung taxes | 136,044 | 139,651 | 152,577 | 138,546 | 125,087 | 132,146 |
| SPECIAL FUELS AND RETAILERS TAXES, TOTAL | 632,227 | r 749.072 | 895,374 | 925,877 | 1,001,597 | 1,007,787 |
| Diese ${ }^{\text {l }}$ and special motor fuels ... | 379,273 | 404,819 | 548,487 | 583,945 | 631,603 | 666,130 |
| Trucks and buses, chassis, hodies, etc. $\qquad$ | 224,099 | 325,269 | 318,282 | 312,982 | 340,502 | 317,985 |
| MISCELLANEOUS EXCISE taXes, total | 3,349,216 | $r_{2,781,807}$ | 2,671,019 | 1,816,894 | 2,751,198 | 3,747,992 |
| Telephone and teletype ${ }^{5}$ | 333,386 | 625,417 | 521,220 | 530,468 | 649,170 | 606, 749 |
| Air transportation | 592,508 | 677,897 | 647,672 | 640,055 | 683,413 | 618,678 |
| Highway use tax .. | 37,495 | 60,048 | 103,260 | 49,293 | 78,167 | 225,423 |
| Foreign insurance ${ }^{6}$ | 15,241 | 16,964 | 18,876 | 14,958 | 20,462 | 19,197. |
| Exempt organization net investment income .... | 58,289 | 54,794 | 14,655 | 11,537 | 58,396 | 51,566 |
| Crude oil windfall profit ......... | 2,236,882 | 1,245,871 | 1,289,421 | 498, 450 | 1,189,069 | 2,096,218 |
| Environmental taxes (Superfund) .. | 69,530 | 76,658 | 70,415 | 65,902 | 65,458 | 71,182 |

See notes following Table 13.

Table 12.-Selected Returns and Forms Filed During Selected Calendar Years, 1970-1985


See notes on following Table 13.

Table 13.-Taxpayers Receiving Assistance, Paid and Unpaid, by Tax Year of Return, 1982-1984 [Some estimates are based on samples-all data are in thousands]


[^18]General notations
N/A - Not applicable
n.a. - Not available
p - Preliminary
$r$ - Revised

Table 1
[1] The 1981 data for interest and dividends are before exclusion. The combined amount in adjusted gross income (after the exclusion) was $\$ 178,097,705,000$, reported on 34,144,410 returns.
[2] Includes total itemized deductions, charitable contributions for nonitemizers, and zero bracket amounts on nonitemized returns.
[3] Includes surcharge of $\$ 2,018,078,000$.
[4] Includes credits not shown separately. below.
[5] For 1981 only, this was the 1.25 percent rate reduction credit applicable to all returns with income tax before credits.
[6] For Tax Year 1983, the alternative minimum tax was revised and the minimum tax was abolished. The revised alternative minimum tax starting with 1983 covered many of the tax preference items that had previously been subject to the minimum tax. Also, the alternative minimum tax rate was increased. (For 1983 and 1984, data on the former minimum tax could be :reported on prior-year returns processed during the current-year filing period).

SOURCE: . Statistics of Income--Individual Income Tax Returns, appropriate years. Data are subject to sampling error. Tax law changes affect the year-to-year comparability of the data. See the specific Statistics of Income reports for a description of sampling error and of law changes.

Table 2
[1] Includes exemptions for age and blindness.
[2] Totals in Table 2 do not agree with Tables 1 and 3 because they were obtained from a different source. For purposes of Table 2:
a. Number of returns by state include, in addition to Forms 1040, 1040A and 1040EZ filed by U.S. citizens and residents, Forms 1040NR filed by
nonresident aliens, as well as selfemployment tax returns used in Puerto Rico and certain U.S. territories and possessions.
b. "Total tax" liability includes total income tax plus tax from recomputing prior-year investment credit, tax applicable to Individual Retirement Arrangements (IRA's), self-employment tax, social security tax on tip income, and certain other incomerelated taxes. Total tax is before reduction by earned income credit (see also footnote (c), below).
c. Earned income credit, available to certain low-income workers, could result in a refund (1.) if there was no "total tax" (as defined in footnote (b), above), in which case the full amount was refundable, or (2) if the credit exceeded "total tax," in which case the excess was refundable. The difference between columns 19 and 21 is the refundable portion.

Total tax (column 16) minus earned income credit (column -21)-is -the amount most comparable to total tax in Tables 1 and 3. The total tax which results from this subtraction differs from Tables 1 and 3 because it includes additional taxes (see footnote (b), above) and because earned income credit used to offset tax (column 21) also includes amounts offset against these additional taxes.
[3] Includes, for example, returns filed from Army Post Office and Fleet Post Office addresses by servicemen and women stationed overseas; returns filed by other -U.S.--citizens-abroad; and returns filed by residents of Puerto Rico with income from sources outside Puerto Rico or with income earned as U.S. Government employees.

NOTE: This table presents aggregates of all returns filed and processed through the Individual Master File (IMF) system during Calendar Year 1985. Data have not been edited for Statistics of Income purposes.

SOURCE: Internal Revenue Service, Software Division, IMF Returns Systems Branch.

Table 3
[1] Includes income tax after credits and the additional tax for tax preferences, i.e., minimum tax and alternative minimum tax.
[2] For many taxpayers in this size class includes additional tax for tax preferences not included in "taxable income.

SOURCE: Statistics of Income--Individual Income Tax Returns, appropriate years. Data are subject to sampling error. Tax law changes affect the year-to-year comparability of the data. See the specific Statistics of Income reports for a description of sampling error and of law changes.

Table 4
[1] Includes breakeven businesses.
SOURCE: Statistics of Income--Sole Proprietorship Returns, appropriate years, and SOI Bulletin, Summer issues. Data are subject to sampling error. Tax law changes affect the year-to-year comparability of the data. See the specific Statistics of Income reports for a description of sampling error and of law changes.

Table 5
[1] Total assets, total liabilities and partners' capital account are somewhat understated because not all partnership returns included a complete balance sheet.
[2] Short-term debt is the abbreviated title given to mortgages, notes and bonds payable in less than 1 year.
[3] Long-term debt is the abbreviated title given to mortgages, notes and bonds payable in 1 year or more. In addition, for Tax Year 1975, long-term debt included nonrecourse loans.
[4] See footnote 4 Table 6, for changes in the comparability of the statistics for receipts and deductions starting with 1981. Also, statistics for interest received are combined with dividends beginning with 1982.
[5] Beginning with 1981, represents the more all-inclusive amounts reported in depreciation computation schedules rather than the amounts reported as the depreciation deduction (plus depreciation identified in cost of sales and operations schedules).

SOURCE: Statistics of Income--Partnership Returns, appropriate years, and SOl Bulletin, Summer issues. Data are subject to sampling error. Tax law changes affect the year-to-year comparability of the data. See the specific Statistics of Income reports for a description of sampling error and of law changes.

## Table 6

[1] Size classes are based on business receipts, i.e., gross amounts from sales
and operations, for industries except finance, insurance and real estate. For the latter industries, total receipts, which is the sum of business receipts and investment income, was used. For partnerships, see also footnote 3 , below.
[2] Includes returns with no receipts as defined in footnote 1.
[3] Includes corporations with zero assets and liabilities.
[4] Beginning with 1981, "total receipts" in Table 5 includes, in part, only the net income or loss from farming and rentals. Previously, "total receipts" included the gross receipts from farming and rentals and, if rental receipts were the principal source of total receipts, they were treated as "business receipts" for the statistics. To help minimize the break in comparability caused by this change in statistical treatment of farm and rental income, an effort was made for 1981-82 to include rental (though not farm) gross receipts in the receipts used for the size distribution in Table 6 .

In Table 5, since only the net income or loss from farming and rentals was included starting with 1981, the deductions reported in computing these net incomes are excluded from the deduction statistics. For previous years, these deductions are reflected in the deduction statistics.
[5] Prior to 1979, partnerships that had liquidated were assumed to have zero assets and liabilities, even if their balance sheets showed otherwise, and were included in the "under $\$ 25,000$ " asset size class. Beginning with 1980 , balance sheet data reported for liquidated partnerships were tabulated as reported and were included in the appropriate asset size classes.

SOURCE: Statistics of Income--Corporation Income Tax Returns, appropriate years, Statistics of Income--Partnership Returns, appropriate years, Statistics of Income--Sole Proprietorship Returns, appropriate years, and SOI Bulletin, Summer issues. Tax law changes affect the year-to- year comparability of the data. See the appropriate Statistics of Income reports for a description of sampling error and of 1 aw changes.

Table 7
[1]. Includes additional tax for tax preferences (minimum tax), tax from recomputing prior year investment credit and Personal Holding Company tax.

SOURCE: Statistics of Income--Corporation Income Tax Returns, appropriate years. Data are subject to sampling error. Tax law changes affect the year-to-year comparability of the data. See the appropriate Statistics of Income reports for a description of sampling error and of law changes.

Table 8
[1] Net capital assets, except land, consists of depreciable, depletable, and intangible assets less accumulated depreciation, depletion and amortization.
[2] Short-term debt is the abbreviated title given to mortgages, notes and bonds payable in less than 1 year. Long-term debt is the abbreviated title given to mortgages, notes and bonds payable in ? year or more.
[3] Consists of regular and alternative tax. Tax Year 1970 includes surcharge of \$784,437,000.

SOURCE: Statistics of Income--Corporation Income Tax Returns, appropriate years. Data are subject to sampling error. Tax law changes affect the year-to-year comparability of the data. See the appropriate Statistics of Income reports for a description of sampling error and of law changes.

Tables 9 and 10
[1] Individual income tax collected includes that portion which was designated for the presidential election campaign fund by taxpayers on their returns. Also included is the fidiciary income tax collected (from estates and trusts). Fidiciary income tax collected was $\$ 2.9$ billion in 1984, $\$ 2.7$ billion in 1983, $\$ 2.6$ billion in 1982 and $\$ 2.2$ billion in 1981 . Presidential election campaign designations amounted to $\$ 34.8$ million in 1984, $\$ 35.5$ million in 1983, $\$ 39.0$ million in 1982 , and $\$ 41.0$ million in 1981 .
[2] Corporation income tax collected includes the tax on "unrelated business income" of tax-exempt organizations. Unrelated business income tax collected was $\$ 50.0 \mathrm{mil}-$ lion (1984), $\$ 45.1$ million (1983), $\$ 64.7$ million (1982), and $\$ 41.0$ million (1981).
[3] Excise taxes are imposed on selected products, services and activities, such as those on alcohol and tobacco products and the windfall profit tax on domesticallyproduced crude oil.
[4] Employment taxes include payroll taxes levied on salaries and wages, such as
social security, railroad retirement and unemployment taxes; plus the self-employment tax imposed on "self-employment income".

NOTES: Collections (or refunds) are those made during the time periods indicated, regardless of the year or other period during which the tax liability was incurred (or to which the refund applied).

Collections represent the gross amounts before refunds and include amounts paid with the return; prior to filing the return (as applicable, income tax withheld by employers and estimated tax payments); and subsequent to filing the return (chiefly the result of initial return processing or of examination and enforcement activities). Collections also include interest and penalties.

Refunds result chiefly from tax overpayments determined at time of filing a return. Included are amounts subsequently determined as due the taxpayer as a result of an amended return or a claim for refund (including those produced by "net operating loss" and other carryback adjustments from future taxable years); or as a result of initial return processing or of examination and other activities. Individual income tax refunds are net of offsets under a law which requires IRS to act as collection agent for state welfare agencies so that these agencies can be reimbursed for the support they furnished through Aid to Families with Dependent Children (AFDC) programs. All refund data include interest paid by IRS.

Detail may not add to totals because of rounding.

SOURCE: Internal Revenue Service, Returns Processing and Accounting Division, Revenue and Accounting Branch.

Table 11
[1] Includes a one-time tax of 5 cents per gallon on gasoline and 4 cents per gallon on gasohol imposed on inventories of dealers as of April 1, 1983. Taxes on lubricating oil were repealed effective January 5, 1983.
[2] Effective January 1, 1984, taxes on tubes and tread rubber were repealed, and dealers holding taxable tires were assessed a one-time floor stock tax.
[3] Effective January 7, 1983, the excise taxes on parts and accessories for trucks and buses, which are included in this classification, were repealed. Beginning with the quarter ending December 1983, motor vehicles are excluded.
[4] Special fuels, total includes diesel and special motor fuels which were classified as miscellaneous excise taxes in 1970. Beginning with the quarter ending December 1983, motor vehicles are included.
[5] Effective January 1, 1983, the excise tax increased from 1 percent to 3 percent.
[6] The negative amounts are due to refunds of this tax under the United States - United Kingdom Income Tax Treaty, which provides for an exemption from the tax retroactive to January 1, 1975. Also, a similar United States - France treaty provides for an exemption retroactive to January 1 , 1979.
[7] This amount reflects adjustments made for prior quarters.

NOTES: For 1970 and 1975, the fiscal year was defined as July of the previous calendar year through June of the year noted. For 1980-84, the fiscal year was defined as October of the previous calendar year through September of the year noted.

Additional detail is published in the Annual Report of the Commissioner and Chief Counsel, Internal Revenue Service.

SOURCE: Internal Revenue Service, Returns Processing and Accounting Division, Revenue and Accounting Branch.

Table 12
[1] Includes Forms 1040C, PR and SS.
[2] Includes Form 1041A in 1970 and 1975.
[3] Includes Form 990A in 1970.
SOURCE: Internal Revenue Service, Research Division, Projections and Forecasting Group.

Table 13
[1] 1984 projections are based on converting 1984 Taxpayer Usage Study sample (TPUS) to the equivalent of the Statistics of Income (SOI) sample. This was done because the TPUS sample represents returns filed through April, while the SOI sample represents all individual income tax returns filed for a calendar year. For additional information about the TPUS sample, see the Summer 1985 issue of the SOI Bulletin.
[2] Data on IRS Taxpayer Service Programs are collected on a fiscal-year basis. In general, assistance rendered in a given fiscal year may be related to returns due on April 15 th during the fiscal year and are for the tax year ending with the previous December. Therefore, data in Table 13, which are presented on a tax year basis are actually for a fiscal year, e.g., data shown as for Tax Year 1982 are actually for Fiscal Year 1983.

NOTE: Data on IRS assistance represent taxpayer contacts. Some taxpayers make more than one contact. The number of taxpayers assisted (in contrast to the number of contacts made) is not known.

SOURCE: Data on paid preparers obtained from Statistics of Income and Taxpayer Usage Study samples. Data on IRS assistance were compiled by the Taxpayer Service Division.

## General Description of Statistics of Income Sample Procedures and Data Limitations

This appendix discusses typical sampling procedures used in most Statistics of Income (SOI) programs. Aspects covered briefly include sampling criteria, selection techniques, methods of estimation, and sampling variability. Some of the nonsampling error limitations of the data are also described, as well as the tabular conventions employed.

Additional information on sample design and data limitations for specific SOI studies can be found in the separate SOI publications (see References). More technical information is available, upon request, from the Statistics of Income Division.

## SAMPLE CRITERIA AND SELECTION OF RETURNS

Statistics compiled for the SOI studies are generally based on stratified probability samples of income tax returns or other forms filed with the Internal Revenue Service (IRS). The statistics do not reflect any changes made by the taxpayer through an amended return or by the IRS as a result of an audit. The samples are based on such criteria as: principal business activity; presence or absence of a schedule; State from which filed; size of adjusted gross income (or deficit) or largest of specific income (or loss) items; total assets or size of business and farm receipts.

> The probability of a return being designated depends on its sample class or stratum and may range from a fraction of one percent to one hundred percent. Considerations in determining the selection probability for each stratum include the number of returns in the stratum, the diversity of returns in the stratum, and interest in the stratum as a separate subject of study. All this is subject to constraints on the allowable total cost or total sample size for the program.

> For most SOI studies, returns are computer designated based on the Taxpayer Identification Number (TIN) which is either the Social Security Number (SSN) or Employer Identification Number (EIN). In some cases, the ending digits of each TIN are compared to a set of numbers randomly selected for each sample class. If the TIN ending digits are in the set, then the return is designated for the sample. Otherwise, it is not designated.

Alternatively, a fixed and essentially random number is associated with each possible TIN. If that random number falls into a range of numbers specified for the return's sample stratum, then it is designated. Otherwise, it is not.

Under either method of selection, the TIN's designated from one year's study are for the most part selected for the next study, so that a large proportion of the new sample are repeaters. This longitudinal character of the sample design improves the estimates of change from one study to the next.

## METHOD OF ESTIMATION

In general, weighting factors are obtained by dividing the computer count of returns filed for a sample stratum by the actual number of returns secured for the sample. These weighting factors are then used to inflate the sample results to total population levels. During sampling, lists of the returns designated are checked against the returns secured for the sample to insure that the sample designated is the same as the sample selected. Special searches are made for returns not initially secured so that any bias from nonresponse is minimal.

For the individual income tax returns sample, weighting factors are computed for each sample class within each Internal Revenue district, even though the district is not used to designate the sample. This is an example of post-stratified estimation and is used to improve the estimates for the States. Usage of post-stratified estimation is being studied for other SOI studies.

## SAMPLING VARIABILITY

The particular sample used in a study is only one of a large number of possible random samples that could have been selected using the same sample design. Estimates derived from the different samples would usually vary. The standard error of the estimate is a measure of the variation among the estimates from all possible samples and is used to measure the precision with which an estimate from a particular sample approximates the average result of the possible samples. The sample estimate and an estimate of its standard error permit the construction of interval estimates with prescribed confidence that this interval includes the actual population value.

In SOI reports the standard error is not directly presented. Instead, the ratio of the standard error to the estimate itself is presented in decimal form. This ratio is called the coefficient of variation (CV). The user of SOI data may multiply an estimate by its coefficient of variation to recreate the standard error and to construct confidence intervals.

For example, if a sample estimate of 150,000 returns is known to have a coefficient of variation of 0.02 , then the following arithmetic procedure would be followed to construct a 68\% confidence interval estimate:

```
        150,000
        x 0.02
        = 3,000
        150,000
+ or - 3,000
    = 147,000-153,000
```

                                    (sample estimate)
                                    (coefficient of variation)
                                    (standard error of estimate)
                                    (sample estimate)
                                    (standard error)
    ( $68 \%$ confidence interval)

Based on these data, the interval estimate is from 147 to 153 thousand returns. A conclusion that the
average estimate of the number of returns lies within an interval computed in this way would be correct for approximately two-thirds of all possible similarly selected samples. To obtain this interval estimate with $95 \%$ confidence, multiply the standard error by two before adding to and subtracting from the sample estimate. (In this particular case, the resulting interval would be from 144 to 156 thousand returns.)

Further details concerning confidence intervals, including the approximation of CV's for combined sample estimates, may be obtained on request by writing to the Statistics of Income Division, D:R:S, Internal Revenue Service, Washington, DC 20224.

## NONSAMPLING ERROR CONTROLS AND LIMITATIONS

Al though the previous discussion focuses on sampling methods and the limitations of the data caused by sampling errors, there are other sources of errors which may be significant in evaluating the usefulness of SOI data. These include taxpayer reporting errors, processing errors, early cut-off of sampling, etc. More extensive information on nonsampling errors is presented in SOI reports, when appropriate.

In transcribing and tabulating the information from the returns or forms selected for the sample, checks are imposed to improve the quality of the resultant estimates. Missing entries are inputed during statistical processing by utilizing other information on the return and accompanying schedules. Data may be disaggregated and recombined during editing to achieve consistent statistical-definitions.-. In-the-future, SOI studies will make use of earlier returns of the same taxpayer to check current data, for instance the industry code. Also, research on better methods of imputing missing data is being conducted.

Quality of the basic data abstracted at the processing centers is controlled by a continuous sampling verification system. In addition, the Statistics of Income Division in the National Office conducts an independent reprocessing of a small subsample of statistically processed returns as a further check. Prior to tabulation, numerous computer tests are applied to each return record to check for inconsistencies.

Finally, before publication, all statistics are reviewed for accuracy and reasonableness in light of provisions of the tax laws, taxpayer reporting variations and limitations, economic conditions, comparability with other statistical series, and statistical techniques used in data processing and estimating.

## TABULAR CONVENTIONS

Estimates of frequencies and money amounts that are considered unreliable, due to the small sample size on which they are based, are noted by an asterisk (*) to the left of the data item(s) in the tabulations. The presence of an asterisk indicates that the sample rate is less than 100 percent of the population and there are fewer than 10 sample observations available for estimation purposes.

A dash in place of a frequency or amount indicates that no sample return had that characteristic. In addition, a dash in place of a coefficient of variation for which there is an estimate indicates that all returns contributing to the estimate were selected at the 100 percent rate.

Whenever a weighted frequency in a data cell is less than 3 , the estimate is either combined with other cells or deleted in order to avoid disclosure of information about individual taxpayers or businesses. These combinations and deletions are indicated by a double asterisk (**).

## REFERENCES

[1] Statistics of Income--1982, Individual Income Tax Returns (see especially pages (5-18).
[2] Statistics of Income--1981-Corporation-Income Tax Returns (see especially pages 9-15).
[3] Statistics of Income--1980, Partnership Returns Tsee especially pages 5-7).
[4] Statistics of Income--1981, Sole Proprietorship Returns (see especially pages 5-9).
[5] Statistics of Income--1976-1979, International Income and Taxes, Foreign Income and Taxes
Reported on U.S. Tax Returns (see especially pages 13-15 and 85-87).
[6] Statistics of Income--1973, Sales of Capital Assets Reported on Individual Income Tax Returns (see especially pages 17-20).
[7] Statistics of Income--1976 Estate Tax Returns Tsee especially pages (1-12).
[8] Statistics of Income--1974-1978, Private Foundations (see especia.ty pages 9-16).

Please take a few moments to answer the following questions concerning this Statistics of income publication. Your responses will enable us to direct our efforts to meeting the needs of our users. After indicating your responses, please cut, tape, and mail. No postage or envelope is required. Thank you for your cooperation.

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3. What subject matter in the report interests you particularly?Individual Income Taxes, 1984
Private Activity Tax-Exempt Bonds, 1984Corporation Income and Taxes, 1983
$\square$ Sales of Capital Assets, 1981 and 1982Nonprofit Charitable Organizations, 1982
$\square$ Windfall Profit Tax, First Quarter 1985
Individual Income Tax Rates, 1983
Selected Statistical Series, 1970-85
4. Which table(s) in the Selected Statistical Series did you find helpful to your needs?
$\square$ Individual income tax returnsBusiness returnsClasses of excise taxes
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[^19] NECESSARY

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| 1981, Fall 1985 (5-2) <br> Historical summary of income and taxes: |  |  |


[^0]:    *Individual Returns Analysis Section. Prepared under the direction of Susan Hostetter, Chief.

[^1]:    *Corporation Returns Analysis Section. Prepared under the direction of Karen Cys, Chief.

[^2]:    I/This classification was derived from Schedule A (Form 990), Part IV, entitled "Reason for Non-Pri vate Foundation Status."

    2/Churches are not required to file a Form 990. Most of the organizations in this category either fiTed voluntarily or misreported their type of organization. This estimate is, therefore, not inclusive of the majority of religious organizations.

[^3]:    Footnote(s) at end of table.

[^4]:    Excluding Private Foundations.

[^5]:    Footnote(8) at ond of table.

[^6]:    Footnote（s）at end of table

[^7]:    'Excluding Prtvate Foundations.

[^8]:    *Individual Returns Analysis Section. Prepared under the direction of Susan Hostetter, Chief.

[^9]:    *Foreign Special Projects Section. Prepared under the direction of Michael Alexander, Chief.

[^10]:    ${ }^{1}$ Only partial information on the amount of refunding was collected for student loan bonds.
    NOTE: Detail may not add to total because of rounding.

[^11]:    ${ }^{1}$ Consists of the face amount of the bonds. Short term bonds have been included.
    ${ }^{2}$ Less than $\$ 500,000$.
    ${ }^{3}$ Less than 0.005 percent.
    NOTES: Detail may not add to total because of rounding.

[^12]:    *Individual Statistics Branch. Prepared under the direction of Michael Coleman, Chief.

[^13]:    ${ }^{1}$ Tax on short-term gains was estimated.
    Source: Office of the Secretary, Office of Tax Analysis

[^14]:    Footnotes at end of table.

[^15]:    *Foreign Special Projects Section. Prepared under the direction of Michael Alexander, Chief.

[^16]:    ${ }^{1}$ One month only.
    ${ }^{2}$ Revised.

[^17]:    See notes following Table 13.

[^18]:    See notes on following page.

[^19]:    9. Other comments (Use other side if needed.)
