## Statistics of Income

# soibulletin 

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## Statistics of Income

## SOI BULLETIN

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Publication 1136 (Rev. 10-84)
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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 on 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Information on the availability of additional unpublished data concerning the topics in this issue may be obtained by writing to the Statistics of Income Division, D:R:S, Internal Revenue Service, Washington, DC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.

## Suggested Citation

Internal Revenue Service
Statistics of Income Bulletin, Fall 1984
Washington, D.C. 1984
For sale by the Superintendent of Documents,
U.S. Government Printing Office,

Washington, D.C. 20402

The Honorable Donald T. Regan
The Secretary of the Treasury Washington, DC 20220

Dear Mr. Secretary:
I am transmitting the Fall 1984 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 areparation 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,


## Articles in Preparation for Upcoming Issues

- Individual Income Tax Returns, Preliminary 1983
- Personal Wealth, 1982
- Corporation Income Tax Returns, 1982
- Individual Income Tax Return Data by 3-Digit ZIP Code, 1982
- Fiduciary Income Tax Returns, 1982
- Foreign Tax Credit, 1980 (Country Data)
- Superfund for Environmental Taxes, 1983

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# Estate Tax Returns, 1983 

By Mary F. Bentz*

Estate tax returns filed during 1983 for deaths occurring primarily in 1982 were the first to reflect the tax reductions introduced by the Economic Recovery Tax Act of 1981 (ERTA). Taking into account the normal growth in the number of estates, the higher estate filing threshhold mandated by ERTA resulted in a decrease in excess of the actual 16-percent fall in the overall number of returns filed from 1982 to 1983. While 119,864 decedents reported assets exceeding the filing threshhold in 1982, only 100,890 decedents were subject to filing a return in 1983. However, 1983 filings showed more wealthy decedents: The number of returns reporting a gross estate of at least $\$ 300,000$ increased from 59,597 to 63,251 in 1983. These returns had assets totaling $\$ 50.4$ billion, up from the $\$ 45.4$ billion reported for 1982.

Despite a rise in both the number and wealth of these estates, the total estate tax liability decreased from $\$ 6.2$ billion in 1982 to $\$ 5.2$ billion in 1983. ERTA's liberalization of estate tax law was the major factor in reducing the tax liability. In 1983, over $\$ 24$ billion in allowable deductions reduced the taxable portion of the $\$ 50$ billion in total gross estate to $\$ 26$ billion. For 1982, about $\$ 18$ billion in
deductions was claimed against more than $\$ 45$ billion in assets with a final taxable amount of $\$ 27.6$ billion (Figure A).

Of the 63,251 estate tax returns filed during 1983 with $\$ 300,000$ or more of gross estate, 35,148, or 55 percent, were taxable (that is, had an estate tax due after credits), with a total gross estate of $\$ 32.6$ billion. Nontaxable returns had $\$ 17.8$ billion of gross estate (Figure B).

The asset composition of the estates varied considerably with the size of the estate. For estates of $\$ 500,000$ to $\$ 1$ million, real estate was the most important asset, accounting for 31 percent of all assets. Corporate stock and cash, at 20 percent and 15 percent, respectively, were the next most important components of these estates.

In contrast, corporate stock was the most important asset in the portfolios of those decedents with estates of $\$ 1$ million or more in assets. While corporate stock made up 31 percent of total asset holdings for these decedents, real estate represented only 21 percent. Lifetime gifts and bonds, representing 12 percent and 10 percent, respectively, of the

Figure A.--Number of Returns, With Gross Estate of $\$ 300,000$ or More, Gross Estate, Taxable Estate, and Estate Tax, 1982 and 1983
[All figures are estimates based on samples--money amounts are in millions]

|  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |

${ }^{1}$ Deductions may exceed gross estate on some returns.

[^0]Figure B.--Summary Statistics by Tax Status
[All figures are estimates based on samples--numbers of returns are in thousands; money amounts are in millions]

| Item | Total | Taxable | Nontaxable |
| :---: | :---: | :---: | :---: |
|  | (1) | (2) | (3). |
| Number of returns | 63,251 | 35,148 | 28,103 |
| Gross estate ${ }^{1}$ | 50,390 | 32,618 | 17,772 |
| Real estate | 12,009 | 7,078 | 4,931 |
| Bonds, total ...................................................... | 4,050 | 3,187 | 863 |
| Federal savings ................................................ | 314 | 239 | 75 |
| Other Federal | 1,359 | 1,155 | 204 |
| State and local ................................................ | 1,978 | 1,524 | 454 |
| Corporate and foreign ........................................ | 399 | 269 | 130 |
| Corporate stock ............. $\quad .$. .................................. | 11,510 | 8,301 | 3,209 |
| Cash | 5,878 | 4,096 | 1,783 |
| Notes and mortgages | 1,904 | 1,094 | 810 |
| Life insurance .... | 1,952 | 650 | 1,302 |
| Annuities | 430 | 126 | 305 |
| Noncorporate business assets | 2,060 | 1,337 | 723 |
| Household goods and other assets ................................ | 2,079 | 1,453 | 626 |
| Lifetime transfers ................................................ | 4,729 | 3,321 | 1,409 |
| Total deductions ........... | 24,322 | 9,639 | 14,683 |
| Funeral and administrative expenses and orphans |  |  |  |
| deductions ...................................................... | 1,602 | 1,319 | 283 |
| Debts and mortgages (allowable) | 3,210 | 1,758 | 1,452 |
| Charitable bequests | 2,545 | 1,611 | 935 |
| Marital deduction . | 16,965 | 4,952 | 12,013 |
| Taxable estate | 26,235 | 22,979 | 3,256 |
| Estate tax before credits | 9,265 | 8,361 | 904 |
| Total tax credits ..................................................... | 4,095 | 3,191 | 904 |
| Allowable unified credit | 3,151 | 2,260. | 891 |
| State death taxes | 848 | 843 | 5 |
| Other tax credits ................................................... | 96 | 87 | 8 |
| Estate tax after credits .. | 5,170 | 5,170 | - |

${ }^{1}$ Asset detail does not add to total gross estate since it is not required to be reported for the estates of decedents with $\$ 500,000$ or less of gross estate who died after December 31, 1981.
total reported assets, were the next most important components of the estates of millionaires. Cash was considerably less important in the portfolios of wealthier decedents; making up only 8 percent of their total assets (see Figures $C$ and $D$ ).

For returns filed in 1983, real estate exceeded corporate stock as the largest component of the total gross estates of those returns with $\$ 300,000$ or more in assets. (See the Data Sources and Limitations section for a discussion of the asset composition of returns with gross estate of $\$ 500,000$ or less.) This change in the composition of assets can be
traced over several years. For example, corporate stock, which represented 43 percent of all assets for 1972, fell to 25 percent of all assets by 1982. Meanwhile, real estate grew from 16 percent to 26 percent during the same period. This change may not be due so much to an: actual shift in asset preferences as to changes in the value of certain assets. While the value of real estate reported on estate tax returns quadrupled from 1972 to 1982, the value of corporate stock increased by only about 34 percent. This reflects both the rising prices in the real estate market and the lack of growth in the stock market over that same period.

Figure C
Composition of Gross Estate by Size

| Percent of Gross Estate | Percent of Gross Estate |
| :---: | :---: |
| 18\% <br> Life Insurance and Other Assets | $18 \%$ <br> Life Insurance and Other Assets |
| $\begin{gathered} 7 \% \\ \text { Bonds } \end{gathered}$ | $10 \%$ <br> Bonds |
| Lifetime Transfers | 12\% Lifetime Transfers |
| $\begin{aligned} & 15 \% \\ & \text { Cash } \end{aligned}$ | $8 \%$ Cash |
| 20\% Corporate Stock | 31\% Corporate Stock |
| $\begin{gathered} 31 \% \\ \text { Real Estate } \end{gathered}$ | $\begin{gathered} 21 \% \\ \text { Real Estate } \end{gathered}$ |
| Gross Estate of $\$ 500,000$ Under \$1 Million | Gross Estate of \$1 Million or More |

## BRIEF HISTORY OF THE ESTATE TAX

The modern estate tax has been in effect since 1916. However, estate or inheritance taxes were instituted periodically in this country much earlier, usually as a temporary emergency measure to raise revenue during wartime. These taxes took the form of excises on transfers of weal th in order to avoid presumed constitutional restrictions on the direct taxation of weal th.

The first Federal involvement with a death tax dates to 1797 when, during a time of undeclared naval warfare with France, Congress levied a stamp tax on legacies, probates of

Figure D

## Composition of Total Gross Estates


wills, and letters of administration. The stamp tax was repealed in 1802 when the crisis subsided. The death tax was reinstated again during the Civil War when from 1862 to 1870 an inheritance tax was imposed on an individual's privilege of inheriting real and personal property from a decedent. Rates varied with the relationship to the decedent of each heir, with a maximum tax rate of 6 percent of the inheritance. The Spanish-American War was the impetus for the next death tax, provided for under the War Revenue Act of 1898. This was the first true estate tax, levied not on the inheritors, but on the decedent for the privilege of leaving property to his or her heirs. The tax followed a graduated rate scale according to the amount of the bequest and the relationship of the heir to the decedent, with tax rates up to 15 percent with an exemption for estates under $\$ 10,000$. Fourteen years passed between the repeal of this wartime estate tax in 1902 and the beginning of the modern estate tax in 1916.

Today's estate tax was instituted by the Revenue Act of 1916, 3 years after the inception of the modern income tax in 1913. No longer necessary strictly for wartime revenue, the estate tax was to serve the dual purposes of producing revenue and redistributing weal th.

The 1916 legislation specifically levied the tax on the transfer of assets from the decedent to the heirs rather than on the value of assets
distributed to individual beneficiaries, making the levy an estate tax, not an inheritance tax. The relationship of the beneficiary to the decedent had no bearing on the tax liability; the tax ranged from 1 percent on small estates to 10 percent on estates greater than $\$ 10$ million, with a $\$ 50,000$ exemption. The basic structure has remained intact since 1916, although there have been some modifications to the tax since then. In particular, certain provisions have been added to provide for the special treatment of family farms and to include a deduction for bequests to the surviving spouse. See the text below for an explanation of the marital deduction for married decedents.

## the economic recovery tax act of 1981

Estate tax returns filed during 1983 were the first to reflect the tax reductions introduced by the Economic Recovery Tax Act of 1981 (ERTA). ERTA's changes to estate tax law took effect for decedents dying after December 31, 1981. As returns for individuals dying in 1982 were not generally filed until 1983, the estate tax return information for 1983 provides us with the first opportunity for analyzing the impact of ERTA.

The major estate tax changes made under ERTA were an increase in the unified credit for estate taxes, an elimination of the monetary ceiling on the estate tax marital deduction, and a reduction in the maximum estate tax rate. These provisions are described in greater detail in the following sections.

Unified Credit Increase
ERTA provided for a gradual increase in the unified credit, so called because it is used (in lieu of an exemption) for both estate and gift tax purposes as a dollar-for-dollar reduction of the estate or gift tax. (For a further explanation of the unified credit, see the Definitions section.) The unified credit was increased from the $\$ 47,000$ in effect for individuals dying in 1981 to a $\$ 192,000$ credit for those dying in 1987. In addition, the estate tax filing requirements were revised upward to reflect the increased unified credit amount; the filing requirement is that amount the tax on which is equal to the credit. If the gross estate of a decedent dying in 1981 exceeded $\$ 175,000$, an estate tax return was required to be filed. This figure was increased to $\$ 225,000$ in 1982, and will rise to $\$ 600,000$ for decedents dying in 1987 and thereafter. Upward adjustments in the unified credit and the filing requirement are to be phased in over a 6 -year period as follows:

| Year of death | Unified <br> credit |  | Filing <br> requirement |
| :--- | ---: | ---: | ---: |
|  |  | $\$ 47,000$ |  |
| 1981 | $\$ 175,000$ |  |  |
| 1982 | 62,800 |  | 225,000 |
| 1983 | 79,300 |  | 275,000 |
| 1985 | 96,300 |  | 325,000 |
| 1986 | 121,800 |  | 400,000 |
| 1987 and later | 155,800 |  | 500,000 |

The increase in the estate filing requirement was part of a move begun in 1976 to return the scope of the tax to its original intent. The $\$ 60,000$ filing requirement in effect almost continuously for 60 years required returns from sizeable estates held by only a small percentage of individuals in the early years: However, in more recent years up to 1976, the $\$ 60,000$ filing requirement subjected the estates of many not-so-weal thy people to the tax as well. Figure $E$ shows the filing requirements in effect since the inception of the tax in 1916. The following chart illustrates the percentage of total decedents for whom estate tax returns were filed in selected years.

| Year of filing | Returns filed as a <br> percentage of all deaths <br> (in previous years) |
| :---: | :---: |
| 1926 | $1.1 \%$ |
| 1966 | 10.3 |
| 1977 | 5.5 |
| 1983 | 5.1 |

In the highest year, 1977, the 200,747 returns filed for citizens and resident aliens represented 10.5 percent of the 1,909,000 deaths occurring in 1976. With the recently increased filing requirement, it is expected that a smaller percentage of all decedents will be subject to the tax. As a result of the increased filing threshhold, the number of estate tax returns filed decreased from 119,864 in 1982 to 100,890 in 1983. Returns filed in 1983 represented only 5.1 percent of the deaths occurring the previous year.

The effect of the increased unified credit amount will be to decrease the estate tax burden on those estates subject to the tax. The estates benefiting the most from the unified credit increase will be those with low to medium weal th. In these cases, the unified credit will serve to eliminate or decrease substantially the tax due.

Figure E

## Estate Tax Return Filing Requirements 1916-1987



In community property states, property accumulated by a person during marriage belongs equally to that person and to the spouse regardless of which spouse holds legal title. In effect, only half as much property is included in the estate of a married decedent from a community property state as would appear in the same estate under common law. The estate tax marital deduction was enacted in 1948 to promote more equal treatment of estates in community property and common law states.

From 1977 until 1981, the allowable estate tax marital deduction was equal to the greater of $\$ 250,000$ or half the adjusted gross estate for property passing to a decedent's spouse. ERTA did away with the monetary ceiling on the estate marital deduction for the estate of decedents dying after 1981. Under the new law,
unlimited amounts, except for certain terminable interests (bequests of income for life), can be transferred to a surviving spouse free of estate tax. The effect of the unlimited marital deduction has been to decrease substantially the taxable estates of married decedents.

The marital deduction was by far the largest of all deductions reported in 1983, accounting for 70 percent of total deductions. This deduction was even more important for nontaxable estates. For those estates reporting no estate tax, the marital deduction represented 82 percent of the total deductions. The following chart shows the total number of returns compared to the number of returns electing the marital deduction, by tax status. While only 44 percent of all 1983 returns were exempt from the estate tax, 79 percent of those returns for which the marital deduction was claimed paid no tax.

|  | Total |  |
| :--- | :---: | :---: |
|  | Returns with <br> marital deduction |  |
| All returns $\ldots \ldots \ldots$ | 63,251 | 32,247 |
| Taxable $\ldots \ldots \ldots$ | 35,148 | 6,893 |
| Nontaxable $\ldots \ldots \ldots$ | 28,103 | 25,354 |

## Reduction in Maximum Tax Rate

Before 1981, the highest estate tax rate was 70 percent on assets in excess of $\$ 5$ million. The Act allowed a reduction in this rate to 50 percent, in 5 -percent increments over a 4 -year phase-in period. However, the recently enacted Tax Reform Act of 1984 delays the reduction 3 years, keeping the top rate at 55 percent through 1987, and reducing the rate to 50 percent for 1988 and later years. The following chart shows the new tax rate schedule:

| For decedents <br> dying in: | The maximum tax <br> rate will be: |
| :--- | :--- |
| 1982 | $65 \%$ on assets in |
| $1984-1987$ | $60 \%$ on assets in in <br> excess of $\$ 3.5$ <br> million |
| 1988 and thereafter | $55 \%$ on assets in <br> excess of $\$ 3$ million |

## SUMMARY

Estate tax returns filed in 1983 provided financial data about the wealthiest 3 percent of all decedents. In 1983, 63,251 decedents with individual estates valued at more than $\$ 300,000$ reported a combined $\$ 50$ billion in assets. Real estate was the most important component of the estates of these decedents, amounting to $\$ 12$ billion, or 26 percent of their total assets. The value of corporate stock nearly equalled that of real estate, with $\$ 11.5$ billion, or 25 percent of the assets. While the relative importance of these two assets in the total $\$ 50$ billion was very close, a distinction can be seen between the portfolios of small and large weal thholders. Individuals with $\$ 500,000$ to $\$ 1$ million in assets were more likely to hold larger amounts of real estate, while millionaires held more of their assets in the form of corporate stock.

While decedents filing estate tax returns in 1983 were wealthier than those filing in previous years, their tax liability decreased
from past years. This is a result of the fax law changes introduced by the Economic Recovery Tax Act of 1981 (ERTA), which reduced estate taxes and shifted the tax burden away fron? smaller weal thholders for individuals. dying after 1981. ERTA's liberalization of rules covering filing requirements, deductions and credits allowed many of the smaller estates to reduce substantially or eliminate their tax liability. Also benefiting from ERTA were the estates of married decedents, for which an unlimited deduction equal to the amount of the bequests to the surviving spouse was allowed to decrease the taxable estate. All estates benefited from a lower marginal tax rate and an increased amount of credits allowed against the estate tax. These trends are expected to continue as the tax reductions introduced by the Economic Recovery Tax Act of. 1981. (ERTA) take full effect.

## DEFINITIONS

Brief definitions of some of the terms used in the tables are provided below:

Adjusted taxable estate.--Adjusted taxable estate was equal to the sum of total taxable estate-and-adjusted taxable-gifts.

Adjusted taxable gifts.--Certain gifts made during the life of an individual who died before to 1982 were automatically included in the gross estate. However, for the estate of an individual who died after 1981, gifts were not generally included in the gross estate. In these estates, the gifts were included in the amount of the adjusted taxable gifts and combined with adjusted taxable estate for the purposes of determining the tentative tax.

Al ternate value of gross estate.--All property included in the gross estate could be valued at one of basically two points in time. While the value of the gross estate at the date of death determined whether an estate tax return was required to be filed, the executor of the estate had the option of valuing the estate as of the date of death or six months after the decedent's death. (Any property sold, exchanged or otherwise disposed of within six months was valued as of the date of the disposition.)

Bequests to surviving spouse.--Bequests to surviving spouse was equal to the value of property interests passing from the decedent to the surviving spouse.

Date-of-death value of gross estate.--The amount of property in this category was the fair-market value of all the assets at the death of the decedent. Although this value was used as a criterion for filing an estate tax return, it was not the only measure that could be used in valuing property for estate tax purposes. See also "alternate value."

Estate tax after credits.--This was the tax liability of the estate remaining after subtraction of credits for state death taxes, foreign death taxes, and Federal gift taxes on pre-1977 gifts paid by the decedent or paid by a spouse or other transferors whose death preceded the decedent's. In addition, a "unified credit," graduated according to the year of death and a "credit" for gift taxes paid on post-1976 gifts, is allowed. See also "unified credit."

Estate tax before credits. --This was the tax obtained by applying the graduated estate tax rates to the adjusted taxable estate and reducing the tax by the amount of gift taxes previously paid. The rates ranged from 18 percent on the first $\$ 10,000$ of taxable estate up to 70 percent of taxable estates of $\$ 5$ million or more. The Economic Recovery Tax Act of 1981 (ERTA) introduced a graduated reduction in the tax rates. See the section entitled Reduction in Maximum Tax Rate for more details.

Gift taxes previously paid.--Credit was allowed against the estate tax for the Federal gift tax paid on a gift made by a decedent before 1977. No credit, separate from the unified credit, was allowed for any gift tax paid on gifts made after 1976.

Gross estate.--An estate tax return was required in the case of every decedent whose gross estate exceeded the legal filing requirement in effect for the year of death. For estate tax purposes, the gross estate included all property or interests in property before reduction by debts (except policy loans against insurance) and mortgages, or by administration expenses. Included in the gross estate were such items as real estate, tangible and intangible personal property, certain lifetime gifts made by the decedent, property in which the decedent had a general power of appointment, the decedent's interest in annuities receivable by the surviving beneficiary, the decedent's share in community property, life insurance proceeds leven though payable to beneficiaries other than the estate), dower or curtesy of the surviving spouse (inherited property), and, with certain exceptions, joint estates with right of survivorship and tenancies by the entirety.
Jointly owned property.--Jointly owned property was property held by the decedent with another person or persons with rights of survivorship. Jointly owned property is reflected in each of the property types shown in this article and, in addition, is shown separately (in total only) in Table 1.

Lifetime transfers.--Included in this item were two categories of gifts that, by law, had to be reported in gross estate: gifts taking effect at death, and gifts of property in which the decedent retained some rights.

Marginal tax rate.--See the discussion under "Taxable estate."

Marital deduction.--The marital deduction is a deduction from the gross estate of the value of property that is included in the gross estate but that passes to the surviving spouse.

Net worth. --Net worth was equal to the total gross estate less debts and mortgages.

Nontaxable returns. --Nontaxable returns were those with no estate tax after credits.

Tax on prior transfers.--A tax credit was allowed for Federal estate tax paid on property received by the decedent or the estate from a transferor who died within 10 years before, or 2 years after, the decedent. The credit was intended to lessen the burden of double taxation between successive estates whose owners had died within a short period of time. Depending on the time that has elapsed between the deaths, a credit is allowed for all or part of the Federal estate tax paid by the transferor's estate with respect to the transfer.

Taxable estate.--Taxable estate is the base to which the graduated Federal estate tax rates are applied in computing the estate tax before credits. Taxable estate is equal to the value of the gross estate less deductions allowed for the following: funeral and administrative expenses; casualty and theft losses; debts, mortgages, losses, and other claims against the estate, including pledges to charitable organizations; an orphan's deduction (for the estates of individuals dying before 1982); and the marital deduction.

Taxable returns.--Taxable returns were those with an amount of estate tax after credits.

Unified credit. --The unified credit, so called because it is used for both estate and gift tax purposes, is applied as a dollar-for-dollar reduction of the estate tax. The credit must be used to offset gift taxes on lifetime transfers made after 1976. However, to the extent it is so used, the amount of credit available at death is reduced.

## DATA SOURCES AND LIMITATIONS

The data provided in this article are based on a sample, selected before audit, of 19,122 Federal estate tax returns filed during 1983. The sample, which represents approximately 63,000 decedents, was limited to those returns with at least $\$ 300,000$ of gross estate because of the annual increase in the filing requirement and in order to facilitate comparison with previous years' returns reporting this level of wealth.

Because the data are based on a sample of estate tax returns filed with the Internal Revenue Service (IRS), they are subject to sampling as well as nonsampling error. The following table below presents an estimate of the sampling error for IRS data expressed as a coefficient of variation (C.V.). The approximate coefficients of variation shown here are intended only as a general indication of the reliability of the data. See the Appendix for further discussion of SOI sample procedures and data limitations.

Estimated
Number of Returns


Only about 19 percent of the estate tax returns filed during 1983 were for persons dying in 1983. Because the executors of most estates take advantage of the full 9-month period-within which-the-return-must-be-filed and the tax must be paid, most returns are not received at IRS service centers until at least 9 months after the person's death. In addition, those estates that petition for and receive approval for an extension of time to file need not submit the return until 6 months after the original filing deadline.

Delinquenćy can also cause a delay in filing. For these reasons, the majority (approximately 75 percent) of the returns filed during 1983 were for deaths occurring in 1982. The following chart shows the number and percentages of decedents by year of death, for returns filed in 1983.

| Year of death | Returns filed in 1983 |  |
| :---: | :---: | :---: |
|  | Number | Percent of tor |
| 1980 or prior year |  | $0.7 \%$ |
| 1981 ............... | 3,040 | - 4.8 |
| 1982 ............. | 47,493 | $\because 75.1$ |
| 1983 | 12,247 | 19.4 |
| Total ........... | 63,251 | 100.0 |

Noted that the sum of the asset amounts for those returns with $\$ 300,000$ to $\$ 500,000$ of gross estate will be less than the total gross estate amount for this group, the reason being that detailed asset information is not required to be filed for decedents who died after December 31, 1981, and left a gross estate of $\$ 500,000$ or less. However, some or all of this information may have been supplied voluntarily. In fact, about $\$ 9.4$ billion of the total $\$ 13.2$ billion in assets belonging to this group has been allocated to the proper asset amounts.

While detailed deduction information is also not required to be supplied for estates of $\$ 500,000$ - or less, deduction -amounts-can-be obtained from other information reported on the return. However, because some adjustments had to be made, deduction amounts otherwise reported as "administrative expenses and losses" have been included with "funeral expenses and orphan's deductions."

ADDITIONAL INFORMATION
Additional införmation on estates may be obtained by writing to the statistics of Income Division, $D: R: S$, Internal Revenue Service, Washington, DC 20224.

Table 1.--Gross Estate by Type of Property, Deductions, Taxable Estate, Estate Tax and Tax Credits, by Size of Gross Estate
[All figures are estimates based on samples--money amounts are in thousands of dollars]


Table 1.--Gross Estate by Type of Property, Deductions, Taxable Estate, Estate Tax and Tax Credits, by Size of Gross Estate--Côntinued
[All figures are estimates based on samples--money amounts are in thousands of doliars]

**Data combined to avoid disclosure of information for specific returns.
NOTE: Asset detall does not add to total gross estate since it is not required to be reported for the estates of decedents with $\$ 500,000$ or less of gross estate, who died after December 31, 1981. To the extent that this information was filed voluntarily, it is presented in this table. Detail. may not add to
total because of rounding.

Table 2.--Grose Ratate by Type of Property, and by sise of Nat Worth
|All tigures are estimates based on samples--money amounty are in thuusandy of dollaral

| Size of net worth | Number of returns | Cruses estate | Debtes and mortgares |  | $\begin{aligned} & \text { Net } \\ & \text { wurth } \end{aligned}$ | Type of pruperty |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | keal emtato |  | Bunde |  |
|  |  |  |  |  |  |  |
|  |  |  | Number of returne | Amount |  |  | Number of returns | Amunt | Number uf returna | Amunis |
|  | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) |
| Total $1 /$. | 63, 251 | 50,390.375 | 53,999 | 3,228,740 | 47,161.635 | 43.302 | 12.009.135 | 26.946 | 4,049.885 |
| Deticit and under $\$ 300,000 \mathrm{l} /$. | 4,520 | 1.706.793 | 4,520 | 611.013 | 1.095.780 | 3.247 | 708.128 | 731 | 20.804 |
| \$300,000 under $\$ 500,000$ 1/.... | 32,287 | 12,833,486 | 25,913 | 537.396 | 12,296,089 | 18.134 | 2.889.995 | 10.926 | 636.335 |
| SOver $\$ 500.000$, tutal....................... | 26,442 | 35.850 .095 | 23,564 | 2.080 .329 | 33.769,765 | 21.918 | 8.411 .010 | 15.287 | 3,342.743 |
|  | 18,048 | 12,934,426 | 15,944 | 662.629 | 12,271,796 | 15.028 | 3.864,272 | 9.701 | 471,987 |
| \$1,000,000 under \$2,500,000. | 6,365 | 10.061.444 | 5,695 | 731.427 | 9,330.017 | 5.196 | 2.571.180 | 4,218 | 1.009 .491 |
| \$2,500,000 under \$5,000,000.. | 1,430 | 5.034 .190 | 1,354 | 269.749 | 4,764,440 | 1,177 | 1.036.780 | 432 | 468,591 |
| \$ $5,000,000$ under $\$ 10,000,000$. | 401 | 2,874,010 | 383 | 183.900 | 2,690,110 | 350 | 474.400 | 284 | 356.106 |
| \$10,000,000 or more................... 196 |  | 4,946,023 | 185 | 232,621 | 4,713,401 | 165 | 464.376 | 150 | 586,566 |
| Slee of net worth |  | Type of property--Continued |  |  |  |  |  |  |  |
|  |  | Bonde--Cunt inued |  |  |  |  |  |  |  |
|  |  | Federal savings |  | Other federal |  | State and local |  | Corpurate and forelgn. |  |
|  |  | Number of returns | Amount | Number of returns | Amount | Number of returns | Amount | Number of returns | Amount ${ }^{\text {, }}$ |
|  |  | (10) | (11) | (12) | (13) | (14) | (15) | (16) | (17) |
| Total 1/.. |  | 8,088 | 313,943 | 9,229 | 1.358.892 | 13.636 | 1,977,985 | 11.779 | 399,065 |
| Deficit and under $\$ 300,000$ 1/... |  | 202 | 2,959 | 153 | 6,419 | 373 | 8,184 | 147 | 3,238 |
| \$ 300,000 under $\$ 500.000 \mathrm{l} / . \ldots$ |  | 3.691 | 93,222 | 3,861 | 266,646 | 4,119 | 168,166 | 4,573 | 108,299 |
| \$Over $\$ 500,000$, total..... |  | 4,194 | 217,759 | 5,213 | 1,085,825 | 9.141 | 1,801,632 | 7.057 | 287.526 |
| \$500,001 under \$1,000,000. |  | 2,921 | 146,928 | 3.037 | 297.160 | 5.210 | 407.775 | 4.445 | 120.121 |
| \$1,000,000 under \$2,500,000. |  | 965 | 43,287 | 1,658 | 339,806 | 2,829 | 533,417 | 2.100 | 92,979 |
| \$2,500,000 under $\$ 5,000,000$. |  | 239 | 15,365 | 317 | 129,066 | 755 | 291.322 | 328 | 32.836 |
| \$ $5,000,000$ under $\$ 10,000,000$. |  | 44 | 11.220 | 128 | 118.514 | 229 | 213,588 | 111 | 12,783 |
| \$10,000,000 ur more......... |  | 23 | 957 | 71 | 201.276 | 117 | 355,526 | 69 | 28,805 |
| Size of net worth |  | Type of property--Continued |  |  |  |  |  |  |  |
|  |  | Corporate stuck |  | Casir |  | Notes and mortgages |  | Life insurance |  |
|  |  | Number of returns | Amount | Number of returns | Amount | Number of returns | Amount | Number of returns | Amount |
|  |  | (18) | (19) | (20) | (21) | (22) | (23) | (24) | (25) |
| Total $1 / \ldots$ |  | 40,263 | 11,509,782 | 51,125 | 5,878,496 | 19,956 | 1,904,021 | 36,974 | 1.952.038 |
| Deficit and under $\$ 300,000 \mathrm{l} /$ |  | 2,364 | 102,471 | 3,413 | 130,890 | 1,348 | 87.784 | 3,160 | 183,027 |
| \$300,000 under $\$ 500,000 \mathrm{l} / \mathrm{l}$. |  | 16,420 | 1,465,053 | 21.885 | 1,987,058 | 6,816 | 338.941 | 18,886 | 787,471 |
| \$Over $\$ 500,000$, total....... |  | 21,476 | 9,942,257 | 25,825 | 3,760,546 | 11,789 | 1,477,294 | 14,926 | 981,539. |
| \$500,001 under \$1,000,000.. |  | 14,087 | 2,706,380 | 17,569 | 2,015,091 | 7,682 | 563,557 | 10,065 | 545,470 |
| \$1,000,000 under $\$ 2,500,000$. |  | 5,637 | 2,691,458 | 6,253 | 1,019,468 | 2.956 | 465,375 | 3.660 | 301,938 |
| \$2,500,000 under \$ $5,000,000$. |  | 1,207 | 1,628,008 | 1,414 | 350,254 | 804 | 218,918 | 854 | 71,161 |
| \$5,000,000 under $\$ 10,000,000$. |  | 362 | 1,011,080 | 395 | 155,497 | 223 | 107,669 | 234 | 44,322. |
| \$ $10,000,000$ or more. . . . . . . . |  | 182 | 1,905,329 | 192 | 220,234 | 122 | 121,774 | 112 | 18,646 |
| Size of net worth |  | Type of property--Continued |  |  |  |  |  |  |  |
|  |  | Annuities |  | Noncorporate business assets |  | Household goods and other assets |  | Lifetime transfers |  |
|  |  | Number of returns | Amount | Number of returns | Amount | Number of returns | Amount | Number of returns | Amount |
|  |  | (26) | (27) | (28) | (29) | (30) | (31) | (32) | (33) |
|  |  |  |  | 14,828 |  | 47,866 | 2,079,169 |  | 4,729,347 |
| Deficit and under $\$ 300,0001 / \ldots$ |  | 532 | 11,047 | 1.197 | 71,598 | 3,091 | 47.405 | 230 | 44,768 |
| \$300,000 under $\$ 500,000$ 1/... |  | 2,910 | 98,743 | 5,060 | 270,372 | 20,232 | 344,227 | 2,663 | 526,254 |
| \$Over \$ 500,000, total....... | . . . . . . . | 4,131 | 320,670 | 8,568 | 1,718,174 | 24,540 | 1,687,535 | 5,776 | 4,158,323 |
| \$500,001 under \$1,000,000.. |  | 2,972 | 201,233 | 5,292 | 358,989 | 16,785 | 474.243 | 3.488 | 1,233,202 |
| \$1,000,000 under \$2,500,000.. |  | 921 | 81,173 | 2.289 | 500.806 | 5.780 | 357.577 | 1,616 | 1,062,974. |
| \$2,500,000 under $\$ 5,000,000 .$. |  | 147 | 22,089 | 687 | 382,743 | 1,392 | 190,612 | 443 | 665,029 |
| \$5,000,000 under $\$ 10,000,000 \ldots$ |  | 57 | 13,249 | 199 | 167.049 | 393 | 163.118 | 138 | 381,515 |
| \$10,000,000 or more........... | ....... | 32 | 2,925 | 100 | 308,586 | 189 | 501,984 | 90 | 815.600 |


after December 31, 1981. To the extent that this information was filed voluntarily, it is presented in chis table.
NOTE: Detail may not add to total because of rounding.

Table 3.--All Decedents: Number of Returns and Gross Estate, by Sex and Marital Status of Decedent, and by Size of Gross Estate
[All figure are estimates based on samples--money amounts are in thousands of dollars]


[^1]
# Projections of Returns to be Filed in Fiscal <br> Years 1985-1992 

By Evan Soffer*

Filings of primary tax returns and supplemental documents processed by the Internal Revenue Service (IRS) are projected to reach 181.9 million in 1985, a 4.2 percent increase over the estimated 174.5 million filings in 1984 [1]. This 1985 returns projection, driven by a significant increase in individual income tax filings, represents a peak in the rate of growth in total filings during the 1985-to-1992 forecast interval. After posting a 3.2-percent advance in 1986, the year-to-year increase in total returns to be processed by IRS is projected to decelerate progressively from 2.6 percent in 1987 to 2.0 percent in 1992.

Employment is a crucial determinant for estimating several of the different types of tax returns filed, especially individual returns. The 1984 employment estimate used by IRS, which was obtained from Data Resources, Inc. (DRI), shows that the United States will realize a 4.6 million increase in total employment during 1984 relative to the previous year [2]. Total employment is expected to reach 107.5 million on an average annual basis in 1984 compared to 102.9 million in 1983. This increase in employment gives rise to the projected 4.5 million increase in the number of total individual returns filed next fiscal year--from 96.9 million in 1984 to 101.4 million in 1985. This change in 1985 represents a post-World War II, single-year record with respect to increased filings of individual income tax returns. Starting in 1985, the rate of employment growth is projected to decelerate, resulting in a corresponding decrease in the rate of growth in individual income tax filings in subsequent years.

Returns projections are developed by (1) using econometric models that relate the number of returns to selected independent economic and demographic variables, and (2) extrapolating observed time trends into the projection interval. The forecasting models are initially formulated on a calendar-year basis. Fiscalyear projections are derived from calendar-year statistics by various methods including seasonal adjustment [3].

The current fiscal-year projections reflect the effects of legislative, regulatory and administrative changes, as well as the impact on filings of changes in the broader economic environment. For example, where effects could be quantified, projections have been adjusted to account for the Deficit Reduction Act of 1984. In addition, the assumption of enhanced economic growth has affected projected filing levels for individual and corporate income tax returns. The current projection effort does not, however, take into account legislative or administrative changes which are under review.

## SUMMARY

Total returns, as presented in Table 1, consist of primary returns, selected supplemental documents and returns that are not part of the IRS Master File system. Primary returns have historically accounted for most of the IRS document-processing workload, and this relationship between primary and total returns is expected to prevail throughout the 1985-1992 forecast period. Approximately 163.6 million primary returns were filed in 1983, compared to a total returns figure of 171.2 million during that year. Major components of the primary returns category include Forms 1040, 1040A and 104EZ--U.S. Individual Income Tax Returns; Form 1040ES--Individual Declaration of Estimated Tax; Form 1120--U.S. Corporation Income Tax Return; and, Form 941--Employer's Quarterly Federal Tax Return. The current estimates of primary and total returns to be filed in 1984 are 167.1 million and 174.5 million, respectively. Selected supplemental documents, which essentially consist of amended returns and requests for filing extensions from both individuals and corporations, accounted for 7.6 -million filings processed by IRS in 1983, and they are estimated to decline to 7.3 million in 1984.

It should be noted that information documents processed by IRS, such as interest and dividend statements or Forms W-2, Wage and Tax Statement, have been excluded from all of the return categories discussed earlier. Approximately
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600 million information documents were processed in 1983, and 750 million of these forms are expected to be filed in 1984. However, most of these documents are filed on magnetic media and do not have as significant an impact on the IRS workload as their volume might suggest.

Figure $A$ presents the respective average annual percentage changes for the major return types during the 1983-to-1992 interval. Total returns increase by an average 2.9 percent per year between. 1983 and 1992. Figure B compares the number of Forms 1040, 1040A, 1040EZ, and total individual returns expected to be filed in 1985 and 1992, respectively.

Projections for 1985 and the associated rates of change from 1984 to 1985 are presented in the following table:

| Type of return | $\begin{gathered} 1985 \\ \text { Projection } \\ \hline \end{gathered}$ | Change from 1984 |
| :---: | :---: | :---: |
|  | (000) | (\%) |
| Total | 181,865 | 4.2 |
| Primary | 173,743 | 4.0 |
| Individual . ............... | 101,367 | 4.6 |
| Individual declarations | 34,964 | 3.2 |
| Fiduciary | 2,121 | 2.6 |
| Partnership | 1,745 | 4.3 |
| Corporation | 3,506 | 7.6 |
| Estate and gift | 186 | -1.6 |
| Employment | 26,980 | 1.8 |
| Exempt organization | 434 | 0.6 |
| Employee plans ........... | 1,167 | 33.5 |
| Alcohol, tobacco and firearms |  | -16.6 |
| Excise | 765 | 5.7 |
| Selected supplemental documents | 8,122 | 10.7 |
| Non-master file ....... | 36 | 0 |

INDIVIDUAL INCOME TAX RETURNS


#### Abstract

In all likelihood, the IRS will see a post-World War II, single-year record in increased filings of individual income tax returns in 1985. If the current 1985 projection is realized, IRS will process 4.5 million additional individual returns compared to 1984--a 4.6 percent increase. This new figure reflects the most current employment outlook associated with the general economic recovery and translates into a 1,647,000 increase in projected total individual returns during 1985, compared to last year's projection for the same period [4]. Similarly, projections for 1986 and 1987 are also higher than expected (in fall. 1983) by $1,738,000$ and $1,634,000$, respectively. Over the longer-term portion of the forecast interval, higher projected employment levels relative to last year's outlook give rise to a higher level of total individual


returns to be processed. Upward revisions to the projections. for individual returns have been made in the 1.3 million-to-1.7 million range from 1987 to 1992.

The updated forecasts reflect a significant change in the projected mix among the primary components of total individual returns--Forms 1040, 1040A and 1040EZ. Based on receipts through the end of June, it appears that the number of Forms 1040A for 1984 will be 1,672,000 lower than previously estimated (7.8 percent), due to a shift away from this form toward either the. more comprehensive Form 1040 or the simpler form 1040Ez. This shift is expected to prevail through the end of the decade. However, if taxpayers have not yet fully adjusted to the shift from a two-form to the new three-form filing structure, year-toyear fluctuations in mix may occur for the next few years which might affect the confidence which should be placed on these projections.

Unlike their Form 1040 and 1040A counterparts, Form 1040EZ filings are expected to peak in 1986 at 17.8 million; then the number of these forms filed will gradually ease down toward 1984 levels. This projected decline in Form l040EZ filings will result from the expected decline in the population of taxpayers who typically use this form--filers in the 16-24 age bracket and filers with income under $\$ 20,000$ [5] .

## OTHER TAX RETURN FILINGS

## Individual Declarations of Estimated Tax

Projections of Individual Declarations of Estimated Tax (Form 1040-ES "Vouchers") during the near term have been. lowered by 898,000, 1,118,000 and 913,000. in 1985, 1986 and 1987, respectively. This change reflects a new methodological approach, which attempts to reflect the recent trends in the average number of ES payments made by each taxpayer during the course of the year.

ES voucher projections are formulated by applying the historical Form 1040-ES voucher-per-taxpayer-entity ratio to entity projections. Because of the lack of a clear historical trend in the voucher-to-entity ratio, it was assumed to be constant (equal to its mean value over the 1981-to-1983 period). through the end of the forecast period. This assumption lowered the projections for ES vouchers, between 3.7 percent and 7.2 percent during the 1988-to-1991 interval, compared to the forecasts presented in fall 1983.

## Fiduciary

Fiduciary (Form 1041) returns were projected as a function of current dollar personal income (a proxy for changes in wealth) and time. A

Figure A
Projected Average Annual Percentage Change in the
Number of Returns Processed, FY 1983-FY 1992


Figure B
Individual Returns by Type
Fiscal Years 1985 \& 1992

stronger economic recovery than previously expected serves to bolster 1984 personal income up over last year's projections. Due to a one-year lag. in the transmission of increased income to increased fiduciary filings, projections of these forms have been increased in 1985--by 16,000 returns, or 0.8 percent. In subsequent years of the forecast period, a lowered inflation outlook reduces current dollar personal income projections, which in turn lowers the forecasts for fiduciary returns. The decline in fiduciary projections,
this year compared to last year, varies from 0.7 percent in 1987 to 4.2 percent in 1991.

## Partnership

Partnership (Form 1065) returns projections are also linked to current personal income. Form 1065 filings follow a growth path similar to the one presented last year, as partnership returns register increases averaging 5.0 percent per year. from 1985 to the forecast horizon.

## Corporation

Recent evidence on output, employment and inflation suggests a stronger near-term economic recovery than previously assumed. Improved growth in real Gross National Product (GNP) and corporate profits during the next few years is expected to increase corporation return filings to about 3.5 million in 1985, 3.7 million in 1986 and 3.9 million in 1987. Also contributing to these and additional upward revisions during late forecast years are methodological adjustments made to counter previous underprojections of this type of return.

Estate and Gift Tax
The current projections differ marginally from those presented last year. By 1988, filings of estate returns should decline to about 34 percent of their corresponding 1983 levels. This reflects the higher thresholds stipulated by the Economic Recovery Tax Act of 1981, which progressively take effect over the projection period. After a one-year plateau in 1989, estate tax returns increase as the total U.S. population ages and the number of taxpayers in the higher income levels increases.

The Deficit Reduction Act of 1984 will freeze the maximum estate and gift tax rate at 55 percent through 1987 and will reduce it to 50 percent thereafter. This compares to the Economic Recovery Tax Act of 1981, which set the top rate at 50 percent in 1985. This change should not significantly impact on filings of estate and gift tax forms over the projection interval.

## Employment Tax

Forms 940, 940PR, 941, 941E, 941PR/SS, 942, 942PR, 943, 943PR, and CT-1 constitute the employment tax return category. Projections for employment tax filings exceed their fall 1983 counterparts throughout the forecast interval. Higher civilian employment projections than last year give rise to increased employment tax returns projections during the 1985-to-1991 forecast years.

## Exempt Organization

Total exempt organization returns consist of Forms 990, 990C, 990PF, 990T, 4720 and 5227. Movement in this total is primarily influenced by changes in Form 990, Return of Organization Exempt from Income Tax, which account for 75 percent of the aggregate category. This year's projections of total exempt organization filings are in line with those presented last year, increasing by an average 2.2 percent per year from 1985 to 1991.

Employee Plans
Projections of Employee Plans have been significantly increased to account for the effects of the Tax Equity and Fiscal Responsibility Act of 1982. This legislation substantially changed the annual reporting requirements for Keogh and H.R. 10 plan filers by requiring all administrators of plans with fewer than 100 participants, including owner-employee plans, to file Form 5500-C, Return/Report of Employee Benefit Plan (with fewer than 100 participants) starting with returns filed in 1985. As a result, an estimated 200,000 additional filers are expected in 1985 with increases in subsequent years exceeding this figure, as the number of filers affected increases and additional taxpayers become aware of this new filing requirement.

## Alcohol, Tobacco and Firearms

Taken together, Forms 7, 8, 11, 4705, 4706, 4707, 4708 and Aícohol and Tobacco Excise Taxes comprise the total alcohol, tobacco and firearms return category. Projections of these returns are similar to those put forth in the fall 1983 forecast, with the exception of the 1986 figure, which has been raised by 212,000 to account for a one-time alcohol floor stocks tax imposed by the Deficit Reduction Act of 1984, which is in effect that year.

## Excise

Projections of total excise tax filings (Forms 11C, 720, 730 and 2290) have been lowered throughout the forecast interval to account for provisions of the Surface Transportation Act of 1982 and the Deficit Reduction Act of 1984. Both statutes raise the weight thresholds used for filing Form 2290, Federal Use Tax Return on Highway Motor Vehicles. Under the provisions of the Surface Transportation Act of 1982, all owners with fleets of six or more trucks weighing between 26,000-33,000 pounds Gross Vehicle Weight (G.V.W.) are no longer required to file a form 2290 during the July 1984-to-June 1985 period. The 1984 Deficit Reduction Act stipulates that owners of trucks weighing 55,000 pounds G.V.W. or less do not have to file a Form 2290 from July 1984 onward.

Selected Supplemental Documents
Supplemental documents include Forms 1040x, 1041A, 1120X, 2688, 4868, 7004 and 7005. Due to a stipulation of the Deficit Reduction Act of 1984 which mandates that Individual Retirement Accounts (IRA's) must be funded no later than April 15 of the filing year, the projected number of extensions to file individual income tax returns (Form 4868) has been lowered from
last year. The reduction reflects the number of taxpayers that may have previously filed for an extension in order to gain additional time to fund an IRA.

## Methodology and Assumptions

The number of returns filed represents processed returns at IRS Service Centers during a fiscal year. Returns processed in 1983 and receipts for previous years are reported in the Annual Report of the Commissioner of Internal Revenue [b]. Data for 1984 include actual processed returns though June, with the remainder of the year estimated, in general, on the basis of 1983 filing patterns.

As an example of the general forecasting process, projections for the combined total of Forms 1040, 1040A and 1040EZ returns were developed from the results of a regression relating number of total 1040 returns to total employment, employed married women with husbands present (used as a proxy for potential joint filers), pension beneficiaries and annuitants and a qualitative "dummy" variable which accounts for the effects of the Tax Reduction and Simplification Act of 1977 on total form 1040 filings 77 J . A 1949-1984 base period was used for this regression, with the 1984 returns estimate derived from January-June returns processed and 1983 filing patterns.

Return projections were primarily formulated on a calendar-year basis and subsequently converted to fiscal-year projections by. the Census Bureau's XII-Q Seasonal Adjustment Program by applying resultant seasonal factors to calendar-year projections [8].

Table 1 presents the current projections for the major types of returns to be processed by IRS during the 1985-to-1992 interval. addition, actual and estimated receipt figures are displayed for 1983 and 1984, respectively. Table 2 presents differences between the current projections and those presented in fall 1983.

## NOTES AND REFERENCES

[1] All statistics are cited on a fiscal-year basis, unless otherwise noted. As defined
in Table 1, primary tax returns are equal to total returns minus supplemental documents. A complete listing of tax returns included in this table can be found in U.S. Department of the Treasury, Internal Revenue Service, Annual Report: Commissioner of Internal Revenue and the Chief Counsel for the Internal Revenue Service: 1983, Publication 55, Washington, DC, 1983.
[2] Employment, Gross National Product, and personal income projections were obtained from Data Resources, Inc. (DRI).
[3] For details of these methods, see :U.S. Department of the Treasury, Internal Revenue Service, "Number of Returns to be Filed," Fiscal. Year Projections series, Document 6292 (Rev. 8-84).
[4] Fratanduono, Richard and O'Keefe, Patrick, "Projections of Returns to. be Filed in Fiscal Years 1984-1991," Statistics of Income Bulletin, Fall 1983, p. 29.
[5] Results of the Tax Year 1982 Taxpayer Usage Study (TPUS) indicated that 97.5 percent of all- lo40Ez returns were filed-by-persons with adjusted gross income (AGI) under $\$ 20,000$ and that approximately 68 percent of 1040E2 filers were between the ages of 16 and 24. "Individual Income Tax Returns 1982 Taxpayer Usage Study," Statistics of Income Division, Document 6528; September 1983, table 1, and unpublished data from the Office of Tax Analysis.
[6] U.S. Department of the Treasury, Internal Revenue Service, Annual Report.
[7] Projections of total employment, employed married women with husbands present and pension beneficiaries and annuitants are all prepared by the Projections and Forecasting Group, Research Division, Internal Revenue Service.
[8] U.S. Bureau of the Census, "The X11-Q Variant of the Census Method II Seasonal Adjustment Program, " Technical Paper No. 15 (1967 revision).

Table 1.--Number of Returns by Type, Fiscal Years 1983-1992 ${ }^{2}$
[Numbers are in thousands]

| Type of return ${ }^{2}$ | Actual <br> 1983 | $\begin{gathered} \hline \text { Estimate } \\ \hline 1984^{3} \\ \hline \end{gathered}$ | Projected |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 |
|  | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) |
| Grand total | 171,179 | 174,465 | 181,865 | 187,607 | 192,488 | 197,413 | 202,456 | 207,316 | 211,771 | 216,061 |
| Primary total | 163,577 | 167,126 | 173,743 | 178,732 | 182,931 | 187,100 | 191,373 | 195,460 | 199,146 | 202,662 |
| Individual, total | 95,284 | 96,909 | 101,367 | 104,389 | 106,528 | 109,003 | 111,349 | 113,379 | 115,083 | 116,588 |
| Form 1040 ..... | 59,187 | 61,021 | 63,310 | 65,147 | 66,763 | 68,738 | 70,736 | 72,643 | 74,161 | 75,462 |
| Form 1040A | 21,057 | 19,841 | 20,675 | 21,289 | 21,877 | 22,518 | 23,149 | 23,769 | 24,272 | 24,674 |
| Form 1040EZ | 14,884 | 15,891 | 17,223 | 17,789 | 17,718 | 17,572 | 17,284 | 16,780 | 16,457 | 16,253 |
| Other | 156 | 156 | 159 | 164 | 170 | 175 | 181 | 187 | 193 | 200 |
| Declaration of estimated tax | 33,080 | 33,886 | 34,964 | 36,113 | 37,577 | 38,424 | 39,518 | 40,683 | 41,771 | 42,895 |
| Fiduciary | 1,994 | 2,066 | 2,121 | 2,170 | 2,219 | 2,265 | 2,302 | 2,347 | 2,394 | 2,433 |
| Partnership | 1,586 | 1,674 | 1,745 | 1,813 | 1,893 | 1,989 | 2,094 | 2,211 | 2,338 | 2,478 |
| Corporation | 3,078 | 3,259 | 3,506 | 3,705 | 3,888 | 4,078 | 4,272 | 4,480 | 4,683 | 4,885 |
| Estate tax | 111 | 93 | 78 | 67 | 47 | 38 | 38 | 41 | 44 | 47 |
| Gift tax. | 91 | 96 | 108 | 122 | 136 | 151 | 165 | 178 | 191 | 203 |
| Employment tax .... | 25,537 | 26,513 | 26,980 | 27,293 | 27,720 | 28,167 | 28,603 | 29,030 | 29,464 | 29,901 |
| Exempt organization | 437 <br> 752 | 432 874 | 434 1.167 | $\begin{array}{r}444 \\ \hline \text { 203 }\end{array}$ | 453 1.247 | 462 1.284 | 473 1315 | 491 +367 | 504 1.406 | $\begin{array}{r}516 \\ \hline 1443\end{array}$ |
| Employee plans | 752 | 874 564 | 1,167 | 1,203 664 | 1,247 463 | 1,284 469 | 1,315 462 | 1,367 461 | 1,406 467 | 1,443 460 |
| AT\&F . | 583 1,009 | 564 724 | 471 765 | 664 713 | 463 722 | 469 732 | 462 741 | 461 750 | 467 760 | 460 769 |
| Excise | 1,009 | 724 | 765 | 713 | 722 | 732 | 741 | 750 | 760 | 769 |
| Selected supplemental, total ... | 7,602 | 7,339 | 8,122 | 8,874 | 9,557 | 10,313 | 11,084 | 11,855 | 12,625 | 13,399 |
| Form 1040X ................... | 2,000 | 1,822 | 2,153 | 2,323 | 2,471 | 2,639 | 2,808 | 2,972 | 3,133 | 3,291 |
| Form 4868 | 3,345 | 3,360 | 3,604 | 3,986 | 4,335 | 4,722 | 5,114 | 5,502 | 5,885 | 6,266 |
| Form 2688 | 818 | 791 | 886 | 988 | 1,081 | 1,185 | 1,291 | 1,395 | 1,499 | 1,602 |
| Form 1120X | 58 | 65 | 76 | 83 | 90 | 97 | 104 | 111 | 117 | 124 |
| Form 7004 | 1,158 | 1,283 | 1,385 | 1,476 | 1,560 | 1,650 | 1,748 | 1,854 | 1,969 | 2,094 |
| Form 7005 | 205 | 1 | - | - | - | - | - | - | - | - |
| Form 1041A | 17 | 18 | 19 | 19 | 19 | 20 | 20 | 21 | 21 | 21 |
| Non-master file ................. | 35 | 36 | 36 | 37 | 38 | 39 | 40 | 41 | 43 | 44 |

${ }^{11}$ Projections based on number of returns processed as reported on NO-TX-R-308.
${ }^{2}$ See return definitifons below:
Primary total = Grand total minus selected supplemental;
Individual, other includes Forms 1040NR, 1040PR, 1040SS, and 1040C;
Corporation includes Forms 1120, 1120A, 1120-F, 1120 P 0 L , $1120 \mathrm{~S}, 1120-\mathrm{H}$, and other 1120 's;
Employment tax includes Forms 940, 940PR, 941 , 941 E , 941 PR, $941 \mathrm{SS}, 942,942 P R, 943,943 P R$, and $\mathrm{CT}-1$;
Exempt organization includes Forms 990, 990C, '990PF, 990-T, 4720, and 5227 ;
Employee plans includes Forms 5500, 5500-C, 5500-G, 5500-K, and 5500-R;
AT\&F includes Forms 7, 8, 11, 4705, 4706, 4707, 4708, and alcohol and tobacco excise tax returns;
Excise includes Forms 11C, 720, 730, and 2290;
Non-master file includes Forms CT-2, $720 \mathrm{M}, 941 \mathrm{M}, 941 \mathrm{NMI}, 990 \mathrm{BL}, 1042$, and 1120-DISC.
${ }^{3}$ Based on returns processed through June 30, 1984. NOTE: Detail may not add to total because of rounding.
[Numbers are in thousands]

| Type of return | $\begin{array}{\|c} \text { Actual } \\ \hline 1983 \\ \hline \end{array}$ | Estimate <br> 1984 | Projected |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 |
|  | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) |
| Grand total | -336 | -478 | 533 | 536 | 478 | -39 | -695 | -785 | -959 |
| Primary total ......c.i........ | -301 | 427 | 1,417 | 1,496 | 1,512 | 1,023 | 398 | 349 | -46 |
| Individual, total Form 1040 ............. | 681 785 | 640 2,372 | 1,647 3,629 | 1,738 4,334 | 1,634 4,191 | 1,636 4,693 | 1,335 5,220 | 1,673 6,122 | 1,613 6,591 |
| Form 1040A | 37 | -1,672 | -2,361 | -2,664 | -2,581 | -2,999 | -3,572 | -3,699 | 6,591 $-3,972$ |
| Form lo40EZ | -138 | -65 | , 383 | -75 | - 32 | --49 | - -574 | -739 | -996 |
| Other | -3 | -5 | -5 | -6 | -8 | -9 | -11 | -11 | -10 |
| Declaration of estimated-tax .... | -333 | -454 | -898 | -7,118 | -913 | -1,483 | -1,927 | -2,656 | -3,250 |
| Fiduciary ....................... | 6 | 24 | 16 | 0 | -16 | -35 | -63 | -83 | -104 |
| Partnership ..................... | -26 | 8 | 1 | -35 | -52 | -60 | -57. | -40 | -10 |
| Corporation ..................... | 10 | 72 | 206 | 282 | 341 | 409 | 479 | 567 | 646 |
| Estate tax ...................... | -3 | 0 | 2 | 3 | 2 | -3 | -6 | -6 | -6 |
| Gift tax ......................... | 5 | -5 | -8 | -10 | 0 | 1 | 2 | 2 | 6 |
| Employment tax ................... | -454 | 71 | 29 | 15 | 30 | 14 | 67 | 207 | 308 |
| Exempt:organization ............. | -27 | -3 | 1 | 5 | 7 | 9 | 14 | 25 | 31 |
| Employee plans ................... | -308 | -179 | 95 | 107. | 132 | 151 | 164 | 199 | 221 |
| AT\&F | 0 | -7 | 10 | 212 | 14 | 17 | 19 | 21 | 24 |
| Excise | 160 | -145 | -122 | -173 | -172 | -171 | -170 | -169 | -167 |
| Selected supplemental, total | -35 | -905 | -884 | -961 | -1,034 | -1,062 | -1,092 | -1,135 | -913 |
| Form 1040X | 43 | -255 | -77 | -74 | - -63 | -30 | . -15 | 26 | 52 |
| Form 4868 | 59 | -145 | -311 | -351 | -388 | -419 | -457 | -474 | -244 |
| Form 2688 | 55 | - -68 | - -31 | -36 | -51 | -47 | -48 | -57 | -58 |
| Form 1120x | -22 | -29 | -32 | -39 | -43 | -45 | -47 | -49 | -53 |
| Form 7004 | -13 | 3 | 14 | 21 | 25 | 29 | 33 | 38 | 43 |
| Form 7005 | -158 | -412 | -448 | -482 | -516 | $\therefore-551$ | -559 | -620 | -655 |
| Form 1041A | 0 | 1 | 2 | 1 | 1 | $\cdots$ | 1 | 1 | 1 |
| Non-master file .................. | -8 | -8 | -11 | -11 | -11 | -12 | -11 | -12 | -11 |

[^2]
# Nonresident Alien Income and Tax Withheld, 1982 

By Chris R. Carson*

The United Kingdom surpassed both the Netherlands and the Netherlands Antilles as the foreign country with individuals and organizations receiving the most U.S. source income ( $\$ 2.2$ billion) during 1982. The increased use of "dual resident corporations" [1], which for tax purposes are considered resident in both the United States and the United Kingdom, is primarily responsible for the sudden rise in interest payments to the United Kingdom. Dual resident corporations can deduct from income in both countries interest payments and certain costs of starting a business.

Although U.S. source income paid to the Netherlands Antilles, a tax haven, rose by 13 percent from 1981 [2], future payments may be less due to the Deficit Reduction Act of 1984. This legislation exempts most new debt issues from U.S. withholding tax, at least partly reducing the withholding tax and interest rate advantages that U.S. corporations derive by borrowing funds through the Netherlands Antilles. Interest, which makes up 93 percent of U.S. source income paid to the Antilles, has been substantially exempt from withholding under an extension of the United States-Netherlands tax treaty.
U.S. source income paid to foreign individuals and organizations rose just over 9 percent, to $\$ 10.6$ billion, from 1981 to 1982. For the first time, interest surpassed dividends as the most common type of income, as 48 percent or $\$ 5.1$ billion of all income paid represented interest. This reflects the growing use of borrowed foreign capital in helping to finance the U.S. economic recovery. Although dividends rose to $\$ 4.5$ billion, their share of all income fell to 43 percent from 45 percent in 1981.

## BACKGROUND INFORMATION

A U.S. individual or organization paying income to a nonresident alien (foreign individual, corporation, or other organization) reports this income and the U.S. tax withheld on the Form 1042S. While the basic tax rate is 30 percent, certain types of income are taxed at different rates. Income paid to countries
that have entered into tax treaty agreements with the United States is usually taxed at lower rates. The tax withheld represents final payment of the actual tax liability in almost all instances. Income connected with the recipient's U.S. trade or business is exempt from withholding. The United States taxes this income separately, as though it were received by a U.S. citizen or corporation.

The responsibility for withholding tax belongs to the payor or the representative (usually a financial institution) of the payor rather than the recipient of the income. This is because the United States has no agreements with foreign countries (as they would be impractical) authorizing direct taxation of foreign individuals and organizations that are not resident in this country. Direct taxation of nonresident aliens would be difficult to enforce. The basic tax rate on nonresident alien income ( 30 percent) differs from the graduated tax rates for U.S. individuals and corporations because foreign individuals and corporations may receive income from an indefinite number of U.S. payors. Since the nonresident alien is not required to file a tax return and consolidate all U.S. income, the total income cannot be taxed in graduated "brackets," as one payor would have no knowledge of the amount of income other U.S. persons had paid to the same nonresident alien.

## RECENT LEGISLATION

The Deficit Reduction Act of 1984 exempts certain interest payments from withholding. To qualify, this interest must be paid on debt issued after the establishment of the Act (July 18, 1984). Interest paid to a foreign individual or corporation owning 10 percent or more of the voting shares of the U.S. payor does not qualify for this exemption.

Before the passage of this legislation, some foreign investors were hesitant to invest in the United States because of the 30 -percent withholding tax. Often foreign individuals and corporations that would be taxed on this income in their own countries, but could not credit the associated U.S. tax withheld, would choose

[^3]to invest only in their own countries to avoid double taxation. Individuals and organizations that wanted to avoid income taxes in their own countries might also avoid investments subject to withholding.

In the late 1970 's, high U.S. interest rates made U.S. investments attractive to foreign individuals and organizations. Large U.S. trade deficits left billions of U.S. dollars in foreign countries available for investment. U.S. multinational corporations, seeing the possibility of borrowing large amounts of money at interest rates below U.S. rates, set up finance subsidiaries in the Netherlands Antilles. ${ }^{\text {j }}$ These subsidiaries borrowed large amounts of money from the Eurobond market and loaned the money to the U.S. parent corporation. The interest payments from the U.S. parent to its subsidiary were exempt from withholding under an extension of the U.S. tax treaty with the Netherlands. Smaller companies, which needed to borrow less money, were substantially shut out of the Eurobond market as the cost of setting up and maintaining a finance subsidiary in the Netherlands Antilles was prohibitive when compared to their potential interest savings.

The U.S. Treasury Department began to renegotiate the U.S. tax treaty with the Netherlands Antilles. While this treaty was being renegotiated, renewed attention was given to earlier proposals to exempt certain interest from U.S. taxation regardless of what country the interest was paid to: The prospect of U.S. tax exempt interest would spur foreign investment in the United States and in turn create new jobs. The amount of revenue loss was estimated to be relatively small, as only $\$ 152.5$ million of tax was withheld on interest income for 1982. The revenue effect of the exemption of this interest income from withholding will not be felt immediately by the Treasury, as debt issues made prior to the Deficit Reduction Act will still be subject to withholding (except when exempted by tax treaties). In addition; any withholding tax revenue loss would be partly offset by a reduction in foreign tax credit for some U.S. corporations now crediting the small amount of tax paid to the Netherlands Antilies on the net interest income (interest income from U.S. parent minus interest paid to bondholder) of the U.S. controlled finance subsidiaries there. As the money would be borrowed directly from the bondholder (usually European), there would be no net interest income subject to Antilles tax. The Deficit Reduction Act of $1984^{\prime}$ also recharacterizes certain income of foreign subsidiaries as U.S. income. This will prevent some corporations from earning low-tax foreign income in the Antilles (and elsewhere) to increase their credit limitation and thereby claim a greater foreign tax credit.

As a result of the exemption of certain interest income from withholding tax, small U.S. companies and the U.S. Treasury will now be able to enter the Eurobond market directly. The entrance of smaller U.S. companies and the U.S. Treasury into the Eurobond market may cause increased competition for low-cost foreign debt. This competition is likely to drive up foreign interest rates on this debt closer to the U.S. level. The possibility of this interest rate increase may have been the reason that some U.S. corporations issued hundreds of millions of dollars in Eurobonas recently, in expectation of the passage of the Deficit Reduction Act of 1984. Downward pressure may be put. on domestic interest rates, as U.S. lenders will have less demand for new debt from these small companies and the U.S. Treasury. . The demand for dollars to invest in the United States should strengthen the dollar, making imports cheaper and exports more expensive. As foreign interest rates approach the U.S. rate, foreign individuals and organizations will shift new investments to their own countries until a point of equalization is reached.

## DATA ANALYSIS AND TRENDS

Al though income rose faster (9 percent) from 1981 to 1982 than tax withheld (2 percent), both rose slowly compared to their increases for 1981 (45 percent and 18 percent, respectively). Income exempt from withholding increased by 27 percent, while income subject to withholding actually fell by 2 percent. Almost half of this increase in exempt income was accounted for by the United Kingdom, where exempt income increased by over $\$ 470$ million. The total increase in exempt income was nearly a billion dollars.

The amount of average income per payment rose by 11 percent to $\$ 18,800$ from 1981 to 1982. This contrasts sharply with a 54 -percent increase in 1981. Corporate recipients again received much larger average payments ( $\$ 144,000$ ) than other recipients, including individuals $(\$ 1,800)$. The increase in the size of the average payment to corporations, up from $\$ 92,000$ in 1981, is due more to the drop in the number of Forms 1042S showing payments to corporations, from 76,036 to 51,962 , than in the increase. in corporate income (4 percent).

## Country of Recipient

The eight countries shown in. Figure A accounted for 90 percent of all U.S. source income. These countries accounted for 88 percent of all income in 1981. The United Kingdom dominates this list, receiving a higher portion of the total, 20 percent, than any country has received in recent years.

While these countries' U.S. source income rose 12 percent from 1981, the distribution of this income has changed dramatically. As shown in the following table, income paid to the United Kingdom rose by 60 percent from 1981. Japan and the Netherlands Antilles also received substantially more income than in 1981, posting gains of 35 percent and 13 percent, respectively. The Netherlands, Canada, and Switzerland actually received less U.S. source income than in 1981.

Flgure A

## Percent of Total Income Pald, by Country of Reclplent, 1982



Gross Income Paid [thousands]

| Country | 1981 | 1982 | Change |
| :---: | :---: | :---: | :---: |
|  | (1) | (2) | (3) |
| United Kingdom Japan Netherlands Antilles | \$1,357,044 | \$2,174,506 | 60\% |
|  | 519,568 | 703,643 | 35 |
|  |  |  |  |
|  | 1,399,528 | 1,580,359 | 13 |
| West GermanyFrance | 598,054 | 627,861 | 5 |
|  | 652,496 | 660,975 | 1 |
| Switzerland | 1,201,878 | 1,176,462 | -2 |
| Netherlands | 1,539,633 | 1,463,583 | -5 |
| Canada | 1,217,255 | 1,151,846 | -5 |
| Other countries | 1,213,531 | 1,085,074 | -11 |

The dramatic increase in income payments to the United Kingdom was mainly, as already mentioned, due to the establishment of "dual resident corporations." These are corporations that take advantage of the varying rules that different countries use for determining the residency of a corporation. This allows corporations having losses, especially in starting a new operation or facility, to deduct these losses on the tax returns filed in both countries. Since U.S. corporate residency is determined by the country of incorporation, the "dual resident corporation" must be incorporated in the United States, usually in Delaware. The United Kingdom determines the country of residence of corporations by the country where management occurs.

This combination of U.S. incorporation and U.K. management is typically beneficial when beginning a new investment in the United Kingdom, such as drilling for oil in the North Sea. Certain costs of starting the project, including interest expense, are then deducted from both U.S. and U.K. income. The startup capital is sometimes borrowed from a U.K. lender because the interest rates in recent years have been lower in Europe and interest payments to U.K. individuals and organizations are exempt from U.S. withholding in most instances. Interest payments by these "dual resident corporations" may explain the increase in interest paid to the United Kingdom of nearly $\$ 500$ million from 1981 to 1982.

More tax was withheld from payments to the United Kingdom than to any other country. The $\$ 136$ million withheld from this income represents 18 percent of all tax withheld by U.S. withholding agents. Almost 94 percent of this tax on U.K. income was withheld from dividends. More than $\$ 100$ million of tax was withheld on payments to each of Switzerland and Canada, representing 16 percent and 15 percent, respectively; of all tax withheld.

There were substantial increases in the amount of tax withheld on payments to certain countries. Tax-withheld amounts rose 59 percent and 38 percent from 1981 on income paid to Japan and the United Kingdom, respectively. These countries also had the largest percentage increases in income, although the order was reversed. The 59-percent tax-withheld increase for Japan was due to a 49 -percent increase in income subject to withholding and a 3 -percent decrease in exempt income. Tax-withheld amounts dropped substantially on payments to the Netherlands Antilles ( 51 percent) and the Netherlands (16 percent).

## Effective Tax Rate by Country

Although the basic withholding tax rate is 30 percent, the actual rate can differ for a variety of reasons. Tax treaties allow for
lower. tax rates on payments to certain countries. Income paid to exempt or government organizations is generally not taxed. Most U.S. income paid to foreign private foundations is taxed at 4 percent. In addition, income that is connected with the recipient's trade or business, and is therefore taxed as though it were received by a U.S. individual or organization, is not subject to withholding tax. Because of these factors, the effective U.S. withholding tax rate varies by country.

The following table shows the income paid, tax withheld by U.S. withholding agents, and the effective withnolding tax rates for the 12 countries having the lowest effective tax rates. Only countries below the all-country average ( 7.1 percent) receiving at least 100 payments and $\$ 1$ million were considered.

Ranking of Effective Tax Rates by Country, 1982
[Money amounts are in thousands]

| Country | Gross <br> income | Tax <br> withheld | Effective <br> tax rate |
| :--- | ---: | ---: | ---: |
|  | $(\overline{1})$ | $(\overline{2})$ | $(3)$ |
| Antigua | $\$ 4,038$ | $\$ 3$ | $0.1 \%$ |
| Netherlands |  |  |  |
| Antilles | $1,580,359$ | 13,069 | 0.8 |
| Saudi Arabia | 51,208 | 1,169 | 2.3 |
| Finland | 5,199 | 138 | 2.7 |
| Trinidad and |  |  |  |
| Tobago | 1,797 | 52 | 2.9 |
| Poland | 2,561 | 76 | 3.0 |
| Cayman Islands | 43,876 | 1,970 | 4.5 |
| West Germany | 627,861 | 29,554 | 4.7 |
| China (Taiwan) | 9,055 | 451 | 5.0 |
| Netherlands | $1,463,583$ | 73,848 | 5.0 |
| Portugal | 14,128 | 742 | 5.3 |
| United Kingdom | $2,174,506$ | 136,097 | 6.3 |
| All countries | $10,624,310$ | 758,186 | 7.1 |

Although all the countries have low U.S. effective withholding tax rates, the reasons vary for these low rates. Antigua and the Netherlands Antilles are "tax haven" countries (see "Tax Haven Countries") that have low taxtreaty rates on their U.S. source income [3]. Although Saudi Arabia is not a tax haven and does not receive the benefit of lower treaty rates, income paid to Saudi Arabian government organizations made up a substantial portion of all U.S. source Saudi income. An inordinately high proportion of Saudi investments in the United States is owned by the Saudi government. The income from these investments was not subject to U.S. withholding. Finland, Trinidad and Tobago, Poland, West Gemmany, and the United Kingdom are not generally considered tax havens, but have the benefit of low U.S. withholding tax rates due to tax treaties. One reason for the low ( 5 percent) effective tax rate for the

Netherlands is that the United States-Netherlands tax treaty allows for a 5 -percent tax on dividends paid to Netherlands corporations that control or own the U.S. subsidiary. More than $\$ 773$ million of dividends paid to the Netherlands in 1982 fit this category. Ironically, many tax havens have above-average effective tax rates (see Figure B). This is generally because these countries have no tax treaties with the United States. The Cayman Islands is an exception, having an effective tax rate of 4.5 percent although it has no tax treaty with the United States.

## Tax Haven Countries

A tax haven is generally considered to be a country having tax laws favorable to foreign individuals and organizations in an attempt to attract these investors. The tax haven country typically benefits by collecting certain fees or taxes (at a low tax rate). These foreign individuals and organizations would usually not invest in or through the tax haven if higher taxes were imposed. The most successful tax haven countries tend to have some or all of the following characteristics.

0 No withholding tax on most payments from the tax haven to foreign individuals and organizations,
0 Low or zero income tax rates for individuals or organizations within the tax haven country,
o Secrecy laws to prevent foreign governments from obtaining financial information about their own citizens and organizations,
o And finally, although most tax havens do not have this, tax treaties with low or zero withholding tax rates for most income payments received from foreign countries.

Recipients in tax haven countries tend to receive larger payments than in other countries. Figure $B$ shows ten countries that qualify as tax havens to varying degrees. All but one of these countries received larger-than-average $(\$ 18,800)$ payments. As in 1981, the Netherlands Antilles headed this list with an average payment of $\$ 723,000$, although this average is down from $\$ 754,000$ in that year.

Payments to tax haven countries are more likely to go to corporations in those countries than are payments to non-tax havens. This is primarily due to the predominance of financial corporations in tax havens. Many U.S. ccorporations have finance subsidiaries in these countries. Also, U.S. and foreign individuals and corporations may set up corporations in tax havens to avoid income taxes in their own country. Figure $B$ shows the percentage of U.S. source income payments made to foreign corporations for ten selected tax haven countries. Each of the countries shown is above the 9-percent average for all countries. Antigua leads this list with a 74-percent figure.

The effective tax rate, defined as tax withheld divided by income paid, for the tax haven countries shown in Figure $B$, is affected by whether the country has a tax treaty with the United States. As was stated earlier, treaty countries tend to have lower effective tax rates than the nontreaty countries. Antigua, whose treaty with the United States is an extension of the United Kingdom treaty, had the lowest rate at 0.1 percent, followed by the Netherlands Antilles at 0.8 percent.

The Netherlands Antilles ranks high in the categories shown in Figure $B$, placing first, third, and second, respectively. Although no Gross National Product (GNP) information was available for the Netherlands Antilles for 1982, in 1981 U.S. source income was actually greater than the Antilles' GNP [4]. This U.S. source income, which was 93 -percent interest, is inordinately high because large U.S. corporations borrow substantial amounts of money from foreign markets through their subsidiaries in the Antilles since this interest is exempt from withholding. It seems likely that recent legislation, which exempts most interest payments to all countries on new debt issues from tax withholding, will eliminate the need to borrow money through the Antilles. However, the United States provides many foreign governments with U.S. income information about their citizens and corporations. Therefore, foreign individuals and corporations wanting to avoid income tax in their own countries may still want these loans made through the Antilles for reasons of secrecy.

## Tax Treaty Countries

Since payments to tax treaty countries are usually taxed at lower rates than payments to nontreaty countries, the effective tax rate for treaty country income is about one third the rate for nontreaty countries. The following table shows the income paid, tax withheld by U.S. withholding agents, and effective tax rates for both treaty country totals and nontreaty country totals.

Gross Income, Tax Withheld and Effective Tax Rate
[Money amounts in thousands]

| Country <br> status | Gross <br> income | Tax <br> wi thheld | Effective <br> tax rate |
| :---: | :---: | :---: | :---: |
|  | $(1)$ | $(2)$ | $(3)$ |
| Al1 countries | $\$ 10,624,310$ | $\$ 758,186$ | $7.1 \%$ |
| Treaty <br> countries <br> Nontreaty <br> countries | $10,012,968$ | 650,143 | 6.5 |

NOTE: MOre detailed information by country and treaty status is shown in Table 1.

Income paid to treaty countries rose by 12.6 percent from 1981 to 1982, while nontreaty countries received 26 percent less U.S. source income in 1982. It should be noted that tax treaties with three countries became effective during 1982. Therefore, Egypt, Malta and Morocco are included in the nontreaty country total for 1981 but in the treaty country total for 1982. Even with these additional countries included, tax withheld on payments to treaty countries rose only 5 percent. Nontreaty country tax withheld fell less than 1 percent despite the 26 -percent drop in income.

Although lower tax treaty rates may reduce U.S. withholding tax revenue, this revenue loss is at least partly offset by lower foreign tax credits for U.S. individuals and corporations. Since tax treaties usually allow for correspondingly lower foreign withholding tax rates, U.S. individuals and corporations receiving income from tax treaty countries have less foreign tax withheld. This usually reduces their foreign tax credit and increases the amount of income tax paid to the United States.

Recipients in tax treaty countries, again, typically enjoy lower U.S. withholding tax rates. However, if the income is paid to a foreign nominee or fiduciary, additional withholding is often required and is collected by the government in the country of the nominee or fiduciary. The purpose of this additional withholding is to prevent citizens of nontreaty countries from taking advantage of the lower tax rates of treaty countries. The foreign government or withholding agent holds this additional tax until the ultimate recipient proves residency in that country. If residency is not proven within a certain period of time, the tax is remitted to the United States (see Table 1, column 7). In the case of Canada, nominees and fiduciaries act as withholding agents and remit this additional tax directly to the Internal Revenue Service (IRS).

## Type of Income

As was stated earlier, interest income surpassed dividends as the most common type of income paid to nonresident aliens during 1982. This is due largely to U.S. corporations borrowing large amounts of money from foreign countries, where interest rates have been comparatively low. This interest is generally taxed at a low or zero rate when paid to recipients in treaty countries. This explains why tax withheld on interest represented only 20 percent of all tax, while interest income comprised 48 percent of all income. Conversely, tax withheld on dividend payments made up a considerably higher portion ( 71 percent) of all tax than dividend income represented of all income (43 percent). Figure $C$ shows the percentage of total income paid and the percentage of total tax withheld for certain types of income.

Figure B. --Size of Average Payment, Percent of Payments to Corporations, and Effective Tax Rate, for Selected Tax Haven Countries, $1982^{1}$
[Money amounts are in thousands]

| Country or geographic area | Size of payments |  | Percent of payments to corporations |  | Effective tax rate |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Rank | Average | Rank | Percent | Rank | Gross Income | Tax Wi thhel $d^{2}$ | Percent |
|  | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
| Netherlands Antilles | 1 | \$723 | 3 | 52\% | 2 | \$1,580,359 | \$13,069 | 0.8\% |
| Netherlands | 2 | 143 | 11 | 17 | 10 | 1,463,583 | 73,848 | 5.0 |
| British Virgin Islands | 4 | 69 | 4 | 39 | 31 | 32,186 | 4,502 | 14.0 |
| Cayman Islands | 5 | 60 | 2 | 62 | 7 | 43,876 | 1,970 | 4.5 |
| Bermuda .... | 6 | 58 | 10 | 21 | 50 | 72,277 | 16,348 | 22.6 |
| Switzerland | 7. | 57 | 12 | 15 | 24 | 1,176,462 | 121,429 | 10.3 |
| Panama | 1.1 | 26 | 5 | 30 | 44 | 69,624 | 15,018 | 21.6 |
| Luxembourg | 12 | 25 | 7 | 27 | 15 | 73,117 | 5,388 | 7.4 |
| Antigua | 14 | 20 | 1 | 74 | 1 | 4,038 | 3 | 0.1 |
| Bahamas ........... | 16 | 17 | 6 | 29 | 60 | 31,283 | 8,393 | 26.8 |

${ }^{1}$ Countries considered for ranking purposes include only those receiving 100 or more payments and $\$ 1$ million or more for all recipients for "Size of Payments" and "Effective Tax Rate" columns. The same restrictions were applied to "Percent of Payments to Corporations" but for corporate recipients only.
$\therefore$ ? Tax withheld by domestic withholding agents only.

Figure C
Percent of Total Income Paid and Percent of Total Tax Withheld, by Income Type, 1982

Income Paid
Tax Withheld
 0


Tax withheld on interest rose at the same rate ( 60 percent) as the interest payments from 1981 to 1982. Tax withheld on dividends rose by 9 percent in the same period. Even with this rapid increase in tax on interest, the tax withheld on dividends was more than three and a half times greater.

## Type of Recipient

As in 1981, foreign corporations received the majority ( 70 percent) of all U.S. source income, although this figure is down slightly from the 73 percent figure of that year. Foreign individuals received just 7 percent of all income although they received 73 percent of all payments. Payments to individuals were far smaller on the average $(\$ 1,800)$ than payments to corporations $(\$ 144,000)$. Tax withheld by U.S. withholding agents on payments to individuals represented 14 percent of all tax. This is double the percentage shown earlier for individual income as a percent of all income. This disparity exists because a greater percentage of income paid to individuals is subject to withholding ( 71 percent) than for all recipients ( 56 percent). Conversely, foreign corporations, which had only 51 percent of their U.S. source income subject to withholding, received 73 percent of all income, while tax withheld on payments to corporations made up just 70 percient of all tax.

The various types of recipients not only received different amounts of U.S. income, but also tended to receive different kinds of income. As is shown in Figure D, 54 percent of U.S. source income paid to foreign corporations was interest income. The corresponding figure for foreign individuals was only 21 percent. A higher percentage of income of individuals was made up of dividends ( 45 percent) than the income of corporations ( 38 percent). More than 80 percent of nominee and fiduciary income was dividends while government, international, and exempt organizations tended to receive interest (58 percent). Although personal service income is not shown as a specific category in Figure D, 13 percent of the income paid to foreign individuals falls into this category. Almost 90 percent of all personal service income was paid to individuals.
$\frac{\text { U.S. Withholding Taxes and Foreign Withholding }}{\text { Taxes }}$
Most foreign countries impose withholding taxes similar to those of the United States. U.S. individuals and organizations that receive income from foreign countries can usually take a tax credit for the foreign taxes withheld from this income. Al though foreign withholding tax rates tend to be similar to the U.S. tax rates, foreign countries, in general, withhold far more total tax on payments to U.S. corporations than the United States withholds on similar payments to foreign corporations. Although similar data dealing with the amount of income paid are not available, this withholding tax disparity is probably mainly due to U.S. corporations receiving more foreign income than foreign corporations receive U.S. income. In 1980, the latest year for which such information is available, U.S. corporations claiming a foreign tax credit had $\$ 2.6$ billion of tax withheld on dividends, interest, rents and royalties received from foreign countries [5]. This was more than seven times the amount of tax the U.S. withheld ( $\$ 362.8$ million) on similar payments to foreign countries. This $\$ 2.6$ billion of foreign taxes withheld does not include tax withheld on payments to U.S. corporations that did not claim a foreign tax credit.

Figure $E$ shows U.S. tax withheld on payments to foreign corporations, foreign taxes withheld on foreign income received by U.S. corporations claiming a foreign tax credit, and U.S. tax surplus or deficit (U.S. tax withheld minus foreign tax withheld) by income type by country for 1980. More tax was withheld by foreign countries than by the United States for each of the income categories (dividends, interest, and rents, royalties and license fees) shown.

Foreign tax withheld on dividend payments to U.S. corporations exceeded similar U.S. tax on dividend payments to foreign corporations by almost $\$ 1.1$ billion. One possible reason for
this disparity is that U.S. corporate investment in foreign corporations is probably greater than the reverse. It is also possible that foreign corporations are more likely to invest in the United States through unincorporated branches to avoid withholding taxes. These corporations would still pay U.S. income tax on their U.S. income. As the United States tends to have a relatively stable economy, foreign corporations may accept lower profit margins in the United States and therefore receive lower dividends, in exchange for a secure U.S. investment. U.S. investors in less-secure foreign economies, having greater political, and therefore economic, risk may require higher profit margins and therefore receive greater dividends from their foreign subsidiaries.

Foreign governments also withheld far more tax on interest payments to U.S. corporations than the United States withheld on similar payments to foreign corporations during 1980. The disparity is smaller ( $\$ 607$ million) than for dividends and more than 57 percent of this difference can be accounted for by two countries, Mexico and Brazil. These countries are heavily indebted to U.S. banks and therefore must pay large interest amounts which are subject to foreign tax withholding. Tax withheld on interest payments to U.S. banks ( $\$ 309$ million) represented 88 percent of tax withheld by Mexico and Brazil on interest payments to all U.S. corporations.

## SUMMARY

The Deficit Reduction Act of 1984 exempts from withholding tax most U.S. source interest payments to nonresident aliens on new loans. This will enable small companies and the U.S. Treasury to borrow money from foreign lenders, whose interest rates have typically been lower than those in the United States. Large U.S. borrowers, who previousiy issued substantiai foreign debt through Netherlands Antilles subsidiaries to avoid this withholding tax, can now issue this debt directly to the country of the lender. This may lessen the Antilles status as a tax haven.

Income payments to the United Kingdom increased by 60 percent from 1981 to 1982, from almost $\$ 1.4$ billion to more than $\$ 2.2$ billion. This increase is due in part to "dual resident corporations" making interest payments to U.K. lenders for startup borrowing costs and general debt. These "dual resident corporations" are incorporated in the United States while keeping their management in the United Kingdom. This dual residency allows the corporations to deduct losses from income in both countries.

For the first time interest has surpassed dividends as the most common type of income paid to nonresident aliens. Interest accounted for 48 percent of such income while dividends fell from 1981, to 43 percent of all income.


Figure E.-U.S. Tax Withheld on Payments to Foreign Corporations, Foreign Tax Withheld on Payments to U.S. Corporations Claiming a Foreign Tax Credit, and U.S. Tax Surplus or Deficit, by Income Type and Country, 1980
[Money amounts are in thousands]

| Country or geographic area | Tax withheld on dividends |  |  | Tax withheld on interest |  |  | Tax withheld on rents, royalties and license fees |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \text { U.S. } \\ & \text { payments to } \\ & \text { foreign } \\ & \text { corporations }{ }^{1} \end{aligned}$ | Foreign payments to U.S. corporations ${ }^{2}$ | U.S. tax surpius or deficit | ```U.S. payments to foreign corporations*``` | Foreign payments to U.S. corporations ${ }^{2}$ | ```U.S. tax surplus or deficit``` | ```U.S. payments to foreign corporations }\mp@subsup{}{}{1``` | Foreign payments to U.S. corporations ${ }^{2}$ | $\begin{aligned} & \text { U.S. tax } \\ & \text { surplus } \\ & \text { or } \\ & \text { deficit } \end{aligned}$ |
|  | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) |
| All countries | \$275,165 | \$1,373,863 | -\$1,098,698 | \$69,752 | \$675,488 | -\$606,736 | \$17,786 | \$547,938 | \$-530,152 |
| Argentina ...... | 192 | \$1, 28,828 | -28,636 |  | 38,711 | -38,701 | +12 | 12,071 | -12,059 |
| Australia | 343 | 55,062 | -54,719 | 272 | 8,474 | -8,202 | 955 | 72,761 | -71,806 |
| Bel gium | 4,189 | 42,770 | -38,581 | 4,330 | 4,573 | -243 | 2 | 268 | -266 |
| Brazil | 16 | 84,386 | -84,370 | 149 | 148,116 | - 147,967 | 15 | 19,556 | -19,541 |
| Canada | 28,544 | 236,365 | -207,821 | 22,234 | 111,923 | -89,689 | 3,503 | 83,033 | -79,530 |
| France | 17,475 | 24,859 | -7,384 | 3,515 | 3,237 | +278 | 1,771 | 25,836 | -24,065 |
| Italy | 756 | 29,473 | -28,717 | 206 | 3,963 | -3,757 | ,771 | 19,492 | -19,492 |
| Japan | 17,501 | 51,526 | -34,025 | 11,795 | 11,215 | $+580$ | 6,351 | 77,917 | -71,566 |
| Mexico .... | 419 | 53,037 | -52,618 | 190 | 201,816 | -201,626 | 774 | 17,539 | -76,765 |
| Netherlands | 56,426 | 52,908 | +3,518 | 1,494 | 3,310 | -1,816 | 8 | , 231 | -223 |
| Netherlands Antilles | 4,668 | 4,048 | +620 | 1,611 | 154 | +1,457 | 17 | 7 | +10 |
| South Africa | 44 | 36,890 | -36,846 | 10 | 290 | -280 | 6 | 10,085 | -10,079 |
| South Korea | 5 | 27,163 | -27,158 | 4 | 56 | -52 | - | 1,713 | -1,713 |
| Switzerland | 61,126 | 48,238 | +12,888 | 11,111 | 534 | +10,577 | 75 | 1,336 | -1,261 |
| Venezuela | 310 | 20,056 | -19,746 | 122 | 26,893 | -26,771 | 2 | 5,556 | -5,554 |
| United Kingdom | 45,149 | 183,235 | -138,086 | 632 | 10,522 | -9,890 | 711 | 10,964 | -10,253 |
| West Germany | 5,829 | 255,766 | -249,937 | 62 | 1748 | -686 | 5 | 1,685 | -1,680 |
| Other . ........... | 32,173 | 139,253 | -107,080 | 12,005 | 101,953 | -89,948 | 3,579 | 127,888 | -124,309 |

[^4]Although most payments went to individuals, the majority of the total income was paid to foreign corporations. Other types of recipients such as partnerships, fiduciaries, nominees, government organizations, exempt organizations, and private foundations received both a small percentage of all payments and a small percentage of the total income.

The United States collects far less in withholding taxes on payments to nonresident aliens than foreign countries withhold on similar payments to the United States. The withholding tax disparity for dividend income is probably due to the continuing high level of U.S. multinational investment in foreign countries. This subjects the dividend payments to the U.S. parent to foreign withholding. A slightly smaller disparity exists for interest payments. More than half the withholding tax on interest claimed by U.S. corporations for foreign tax credit purposes was withheld by Brazil and Mexico. These countries impose withholding taxes on the interest portion of the repayment of large borrowings from U.S. banks.

Changes to 1981 FORM 1042S DATA
The following corrections were made to the 1981 Form 1042 S data published in the Summer 1983 issue of the Statistics of Income Bulletin. These income changes are reflected in all text and tables of this article utilizing or
referring to 1981 data. No changes were made to tax data. Amounts are in thousands of dollars.

|  | Original <br> amount | Adjustment | Revised <br> amount |
| :---: | :---: | :---: | :---: |
|  | $(1)$ | $(2)$ | $(3)$ |
| Country |  |  |  |
| All countries | $\$ 9,561,489$ | $\$ 155,498$ | $\$ 9,716,987$ |
| Canada | $1,238,255$ | $-21,000$ | $1,21,255$ |
| France | 650,496 | 2,000 | 652,496 |
| Netherlands | $1,339,633$ | 200,000 | $1,539,633$ |
| Switzerland | $1,203,878$ | $-2,000$ | $1,201,878$ |
| West Germany | 621,556 | $-23,502$ | 598,054 |
| Income type |  |  |  |
| All income | $\$ 9,561,489$ | $\$ 155,498$ | $\$ 9,716,987$ |
| Dividends | $4,268,729$ | 173,498 | $4,442,227$ |
| Other | $5,292,760$ | $-18,000$ | $5,274,760$ |
| Recipient |  |  |  |
| type |  |  |  |
| All recipients | $\$ 9,561,489$ | $\$ 155,498$ | $\$ 9,716,987$ |
| Individuals | 73,383 | $-16,000$ | 717,383 |
| Corporations | $7,017,018$ | 198,000 | $7,215,018$ |
| Fiduciaries | 68,088 | 2,000 | 70,088 |
| Nominees | 328,769 | $-5,000$ | 323,769 |
| Unknown | 677,223 | $-23,052$ | 654,171 |

## DATA SOURCES AND LIMITATIONS

Payors of income to nonresident aliens must withhold tax in accordance with Chapter 3 of the Internal Revenue Code. The Form 1042S is filed to report this income and the U.S. tax withheld. Often the payor has a financial institution act as withholding agent.

The present statistics are tabulated by calendar year, based on all Forms 1042 S filed for 1982. The years indicated in the tables represent the year in which the income was paid and the U.S. tax withheld, except for the tax from foreign governments and withholding agents. These amounts are shown by the year the tax was remitted to the United States under treaty agreements. Tax withheld amounts and percentages shown in Table 2 and Figures $B, C, D$ and $E$, do not include tax withheld by foreign governments and. withholding agents (except Canada). This additional withholding cannot be properly attributed to specific recipient and income types. Definitions and other information are available in the IRS Publication 515, Withholding of Tax on Nonresident Aliens and Foreign Corporations.
this operation. When income is then remitted to the foreign corporation, it is considered connected with a U.S. trade or business and not retaxed.

Nominee.--An entity, chosen or appointed to accept income for, or act on behalf of, the eventual recipient of the income. Typically a financial institution acts as nominee.

Nonresident Alien.--For purposes of this article, a nonresident alien is defined as an individual whose residence is not within the United States and who is not a U.S. citizen. Corporations and other organizations created or organized outside the United States are also considered nonresident aliens.

Withholding Agent.--Any person (individual, corporation, partnership, estate, or trust) required to withhold tax. Usually the withholding agent is the payor of the income or a "person" (usually a financial institution) acting on behalf of the payor. A foreign nominee or fiduciary required to withhold additional tax under a tax treaty is also a withholding agent.

As all Forms 1042 S are included in these statistics, they were not subject to sampling error. However, the data are subject to nonsampling errors such as computer data entry errors and minor taxpayer reporting errors. Forms 1042 S with income greater than $\$ 500,000$ were manually verified. A limited computerized program was used to test the data for certain basic numerical relationships, including the calculation of the correct tax withheld.

More detailed information on nonresident alien income and tax is available from the Statistics of Income (SOI) Division. This includes information for types of income and countries not discussed in this article.

## EXPLANATION OF TERMS

Income Effectively Connected With a Trade or Business.--Income that is effectively connected with the conduct of a trade or business in the United States is exempt from withholding. This income is subject to substantially. the same tax rates that apply to U.S. citizens, residents, and corporations. For example, if a foreign corporation has unincorporated operations in the United States, a Form ll20F must be filed and appropriate taxes paid for the income of

## NOTES AND REFERENCES

[1] Phillips, John S., "Dual Resident Corporations," International Tax Review, Price Waterhouse, Vol. 9, No. 4, p. 2.
[2] Certain data published for 1981 in the Statistics of Income Bulletin Summer 1983, were Tater adjusted: See "Changes to 1981 Form 1042S Data" in this article.
[3] Treaties have been terminated with the following countries as of January 1, 1984: Anguilla, Barbados, Belize, Dominica, Grenada, Montserrat, St. Christopher-Nevis, St. Lucia, St. Vincent and the Grenadines. Antigua and Barbuda terminated its treaty with the United States effective August 26, 1983.
[4] Carson, Chris R., "Nonresident Alien Income and Tax Withheld, 1981," Statistics of Income Bulletin, Summer 1983, pp. 36-37.
[5] For additional information on foreign withholding taxes by income type and country, see the Foreign Tax fredit article in the upcoming Statistics of Income Bulletin, Winter 1984-1985.

Table 1. --Number of Forms 1042S Filed, Gross Income Paid, Tax Withheld, and Other Items, by Selected Treaty and Nontreaty Countries, 1982
[Money amounts are in thousands of dollars]

| Country or Geographic area | Number of Forms 1042S filed | Income paid |  |  | Tax withheld |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Total | Exempt from withholding | Subject to withholding | Total | Domestic withholding agents | ```Foreign Governments and withholding agents``` |
|  | (1) | (2) | (3) | (4) | (5) | (6) | (7) |
| Total. | 565,091 | 10,624,310 | 4,672,184 | 5,952,126 | 848,874 | 758,186 | 90,688 |
| Treaty country, total....... | 476,469 | 10,012,968 | 4,472,778 | 5,540,190 | 740,831 | 650,143 | 90,688 |
| Australia........ | 10,311 | 26,577 | 7,072 | 19,505 | 4,019 | 4,019 | - |
| Austria. | 3,218 | 12,081 | 4,842 | 7,239 | 1,238 | 1,238 | - |
| Belgium. | 8,633 | 120,166 | 23,781 | 96,385 | 16,485 | 15,050 | 1,435 |
| Canada. | 241,256 | 1,151,846 | 423,631 | 728,215 | 110,385 | 110,385 | - |
| Denmark. | 1,670 | 10,582 | 3,614 | 6,968 | 1,018 | 1,006 | 12 |
| France. | 13,420 | 660,975 | 181,680 | 479,295 | 52,153 | 51,487 | 666 |
| Germany, Federal Republic. | 45,042 | 627,861 | 436,673 | 191,188 | 29,554 | 29,554 | - |
| Greece. | 3,651 | 7,177 | 2,898 | 4,279 | 1,157 | 1,157 | - |
| Ireland. | 3,529 | 15,140 | 5,956 | 9,184 | 1,428 | 1,428 | - |
| Italy.. | 6,863 | 51,748 | 19,300 | 32,448 | 7,565 | 7,565 | - |
| Japan... | 6,120 | 703,643 | 136,245 | 567,398 | 61,661 | 61,661 | - |
| Luxembourg. | 2,968 | 73,117 | 48,071 | 25,046 | 6,849 | 5,388 | 1,461 |
| Netherlands. | 10,224 | 1,463,583 | 448,030 | 1,015,553 | 74,211 | 73,848 | 363 |
| Netherlands Antilles. | 2,185 | 1,580,359 | 1,511,892 | 68,467 | 13,078 | 13,069 | 9 |
| Norway......... | 3,167 | 11,567 | 3,538 | 8,029 | 1,009 | 1,009 | - |
| South Africa. | 2,044 | 4,071 | 576 | 3,495 | 1,045 | 1,045 | - |
| Sweden. | 4,762 | 73,824 | 15,234 | 58,590 | 5,338 | 5,338 | - |
| Switzerland. | 20,568 | 1,176,462 | 200,946 | 975,516 | 206,429 | 121,429 | 85,000 |
| United Kingdom. | 76,927 | 2,174,506 | 975,440 | 1,199,066 | 142,468 | 140,726 | 1,74? |
| Other treaty countries. | 9,911 | 67,683 | 23,359 | 44,324 | 3,741 | 3,741 | - |
| Nontreaty country, total.... | 88,622 | 611,342 | 199,406 | 411,936 | 108,043 | 108,043 | - |
| Argentina........ | 3,823 | 11,533 | 4,335 | 7,198 | 2,079 | 2,079 | - |
| Bahamas. | 1,814 | 31,283 | 1,878 | 29,405 | 8,393 | 8,393 | - |
| Bermuda. | 1,236 | 72,277 | 12,878 | 59,399 | 16,348 | 16,348 | - |
| Brazil. | 1,738 | 7,506 | 959 | 6,547 | 1,900 | 1,900 | - |
| Cayman Islands. | 736 | 43,876 | 37,231 | 6,645 | 1,970 | 1,970 | - |
| Hong Kong. | 9,133 | 35,999 | 3,642 | 32,357 | 9,577 | 9,577 | - |
| Israel. | 3,529 | 15,640 | 5,956 | 9,684 | 1,741 | 1,741 | - |
| Kuwait. | 743 | 4,795 | 1,191 | 3,605 | 1,075 | 1,075 | - |
| Liechtenstein. | 772 | 15,150 | 2,199 | 12,951 | 3,924 | 3,924 | - |
| Mexico. | 8,863 | 30,601 | 7,079 | 23,522 | 6,888 | 6,888 | - |
| Panama. | 2,710 | 69,624 | 18,781 | 50,843 | 15,018 | 15,018 | - |
| Portugal. | 888 | 14,128 | 679 | 13,449 | 742 | 742 | - |
| Saudi Arabia. | 2,298 | 51,208 | 47,257 | 3,950 | 1,169 | 1,169 | - |
| Spain...... | 3,555 | 17,344 | 5,833 | 11,511 | 3,150 | 3,150 | - |
| United Arab Emirates. | 549 | 1,340 | 564 | 777 | 233 | 233 | - |
| Venezuela.... | 4,814 | 11,774 | 4,260 | 7,513 | 2,217 | 2,217 | - |
| Other nontreaty countries. | 41,421 | 177,264 | 44,684 | 132,580 | 31,619 | 31,619 | - |

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

Table 2.--Number of Forms 1042 S Filed, Tax Withheld, and Gross Income Paid by Selected Income Type, by Selected Recipient Type and Selected Country of Recipient, 1982
[Money amounts are in thousands of dollars]

| Country or Geographic area | Number of Forms 1042 S filed | Tax <br> withheld | Income paid |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Total | Interest | Dividends | Rent and royalty | Personal service |
| - | (1) | (2) | (3) | (4) | (5) | (6) | (7) |
| Total | 565,091 | 758,186 | 10,624,310 | 5,134,841 | 4,546,634 | 510,898 | 97,698 |
| Bahamas | 1,814 | 8,393 | 31, 283 | 5,831 | 22,885 | 614 | 100 |
| Belgium | 8,633 | 15,050 | 120,166 | 38,184 | 64,111 | 15,555 | 746 |
| Bermuda | 1,236 | 16,348 | 72,277 | 31,550 | 24,084 | 6,104 | 468 |
| Canada | 241,256 | 110,385 | 1,151,846 | 503,340 | 503,497 | 53,676 | 10,074 |
| Cayman Island | 736 | 1,970 | 43,876 | 37,731 | 5,021 | 301 | 77 |
| France. | 13,420 | 51,487 | 660,975 | 265,539 | 274,687 | 47,847 | 8,075 |
| Germany, Federal Republic | 45,042 | 29,554 | 627,861 | 391,450 | 160,404 | 46,088 | 6,274 |
| Hong Kong. . . . . . . . . . . . | 9,133 | 9,577 | 35,999 | 4,105 | 29,445 | 1,600 | 605 |
| Italy. | 6,863 | 7,565 | 51,748 | 16,937 | 12,377 | 14,160 | 3,291 |
| Japan | 6,120 | 61,661 | 703,643 | 433,329 | 140,400 | 108,090 | 7,916 |
| Luxembourg | 2,968 | 5,388 | 73,117 | 38,240 | 33,975 | 2 | 27 |
| Mexico. | 8,863 | 6,888 | 30,601 | 7,773 | 8,749 | 6,326 | 2,200 |
| Netherlands | 10,224 | 73,848 | 1,463,583 | 423,272 | 994,663 | 29,742 | 2,672 |
| Netherlands Antilles | 2,185 | 13,069 | 1,580,359 | 1,470,529 | 70,715 | 31,939 | 51 |
| Panama. | 2,710 | 15,018 | 69,624 | 36,896 | 27,236 | 3,453 | 94 |
| Saudi Arabia | 2,298 | 1,169 | 51,208 | 36,842 | 2,983 | 25 | 173 |
| Sweden. | 4,762 | 5,338 | 73,824 | 8,400 | 55,303 | 1,146 | 5,621 |
| Switzerland | 20,568 | 121,429 | 1,176,462 | 433,681 | 693,283 | 37,344 | 3,420 |
| United Kingdom. | 79,049 | 136,097 | 2,174,506 | 820,170 | 1,197,648 | 86,580 | 21,407 |
| Other countries | 97,211 | 67,952 | 431,352 | 131,042 | 225,168 | 20,306 | 24,407 |
| Total | 413,854 | 105,333 | 742,145 | 152,237 | 335,004 | 62,342 | 86,797 |
| Bahamas | 832. | 1,018 | 3,815 | 344 | 3,143 | 212 | 75 |
| Belgium | 7,019 | 1,006 | 7,777 | 812 | 4,553 | 179 | 726 |
| Bermuda | 706 | . 586 | 2,123 | 213 | 883 | 35 | 417 |
| Canada. | 183,020 | 16,923 | 136,714 | 23,100 | 65,718 | 12,760 | 7,730 |
| Cayman Island | 112 | 135 | 515 | 109 | 364 | 42 | - |
| France. | 9,720 | 4,655 | 36,897 | 6,243 | 12,822 | 4,916 | 7,417 |
| Germany, Federal Republic | 37,110 | 6,877 | 89,514 | 20,573 | 49,662 | 4,337 | 5,859 |
| Hong Kong. | 7,527 | 4,465 | 16,425 | 926 | 14,146 | 662 | 555 |
| Italy. | 5,787 | 5,379 | 25,716 | 2,074 | 4,326 | 11,439 | 3,095 |
| Japan | 4,249 | 1,533 | 16,773 | 2,513 | 2,974 | 448 | 6,611. |
| Luxembourg | 849 | 260 | 1,400 | 113 | 1,197 | 2 | $10^{\circ}$ |
| Mexico. | 8,017 | 4,372 | 20,211 | 4,322 | 6,712 | 4,867 | 2,038 |
| Netherlands | 5,278 | 2,500 | 22,894 | 2,031 | 13,303 | 3,901 | 2,114 |
| Netherlands Antilles | 492 | 729 | 10,208 | 5,674 | 3,953 | 396 | 29 |
| Panama | 1,496 | 1,807 | 6,898 | 1,431 | 5,177 | 29 | - 9. |
| Saudi Arabia | 2,088 | 750 | 7,624 | 27.4 | 1,788 | 25 | 173 |
| Sweden | 4,247 | 2,105 | 10,896 | 510 | 2,093 | 182 | 5,552 |
| Switzerland. | - 9,175 | 8,057 | 62,047 | 20,272 | 34,914 | 1,942 | 2,502 |
| United Kingdom | 42,718 | 12,155 | 108,651 | 25,871 | 44,093 | 8,976 | 19,581 |
| Other countries | 83,412 | 30,021 | 155,047 | 34,832 | 63,183 | 6,992 | 22,304 |
| CORPORATIONS |  |  |  |  |  |  |  |
| Total | 51,962 | 419,079 | 7,481,441 | 4,039,602 | 2;831,605 | 393,570 | 8,617 |
| Bahamas | 526 | 3,948 | 15,078 | 3,839 | 9,115 | 393 | 17 |
| Belgium. | 570 | 8,124 | 73,201 | 32,965 | 24,873 | 15,319 | - |
| Bermuda | 253 | 10,317 | 51,106 | 30,447 | 9,825 | 1,350 | 19 |
| Canada. | 22,347 | 52,670 | 680,799 | 396,035 | 204,248 | 31,628 | 2,064 |
| Cayman Islands. | 453 | 866 | 36,661 | 34,056 | 1,834 | 257 | 63 |
| France. | 974 | 19,921 | 388,161 | 156,820 | 135,165 | 37,135 | 352 |
| Germany, Federal Republic..... | 1,853 | 15,802 | 352,747 | 238,885 | 68,645 | 34,365 | 413 |
| Hong Kong. | 627 | 3,713 | 13,933 | 2,870 | 10,331 | 576 | - 50 |
| Italy. | 265 | 1,462 | 20,581 | 13,540 | 4,495 | 2,403 | 45 |
| Japan.. | 1,449 | 54,567 | 635,677 | 406,099 | 117,498 | 104,520 | 1,273 |
| Luxembourg | 799 | 2,362 | 40,470 | 31,262 | 9,147 | - | - - |
| Mexico | 314 | 1,765 | 6,895 | 2,071 | 1,076 | 1,188 | 12 |
| Netherlands. | 1,740 | 53,038 | 1,274,152 | * "397,252 | 848,583 | 24,725 | $\therefore \quad \therefore 552$ |
| Netherlands Antilles | 1,145 | 9,175 | 1,430,131 | 1,347,845 | 45,785 | 29,609 | . 5 . |
| Panama. | 804 | 6,744 | 36,062 | 18,227 | 14,861 | 2; 287 | 85 |
| Saudi Arabia | 33 | 69 | 229 | 172 | 57 | - | - |
| Sweden. | 198 | 2,764 | 54,716 | 7,147 | - 46,553 | 758 | 37 |
| Switzerland. | 3,154 | 73,453 | 773,533 | - 326,179 | 409,441 | 32,636 | - 893 |
| United Kingdom. | 9,460 | 74,261 | 1,418,293 | 515,561 | 799,540 | 64,518 | 1,743 |
| Other countries | 4,998 | 24,058 | 179,016 | 78,330 | 70,533 | 9,903 | 994 |

Controlled Foreign Corporations (CFC's) have played an important role in the world economy. While remitting $\$ 10.7$ billion in dividends during 1980 to their U.S. parent corporations, these 35,471 foreign corporations generated nearly $\$ 700$ billion of business receipts throughout the world. They also produced $\$ 47.6$ billion of pre-tax earnings and profits, with $\$ 16.4$ billion being paid in income taxes to foreign governments.

THE CONCEPT OF A CONTROLLED FOREIGN CORPORATION
A CFC is generally described as a corporation created under the laws of a government outside of the United States and with more than 50 percent of the voting stock or more than 50 percent of all classes of stock owned by U.S. persons on any day during the taxable year of the CFC. U.S. persons include corporations, partnerships, estates, trusts, and citizens and residents of the United States. The filing requirements for the Form 2952, Information Return with Respect to a Controlled Foreign Corporation, were such that a U.S. shareholder had to file a Form 2952 for each accounting period for each CFC which was controlled by that person, i.e., with over 50 percent stock ownership, for an uninterrupted period of 30 days during the CFC's annual accounting period. In addition to the CFC's described above, other "lower-tiered" foreign corporations, through a chain of control, were considered to be controlled by a U.S. person. If the foreign corporation (first-tier) controlled by a U.S. person(s) in turn owned more than 50 percent of a second-tier foreign corporation which, in turn, owned more than 50 percent of a third-tier foreign corporation, and so forth, then each foreign corporation was considered to be "controlled." As such, a Form 2952 had to be filed for each of these corporations by the U.S. parent. The data contained in this article are based on Forms 2952 filed by U.S. parent corporations [1].

## INYESTMENT DECISIONS ABOUT CFC'S

The use of Controlled Foreign Corporations was considered by U.S. corporations in many
investment decisions dealing with international markets. These decisions were generally concerned with underlying economic factors (such as proximity to the supply of raw materials and markets for finished products) and involved the location of the investments, i.e., either in the United States or in a foreign country. If a foreign location was decided on, then in most cases a permanent establishment in the foreign country was used. This was either in the form of a branch operation of the U.S. company or an investment in a foreign corporation. (Certain types of foreign operations, such as sales, did not require a foreign establishment, but rather could be conducted through pure exporting operations in the United States, independent agents in the foreign country, or mailing operations.) CFC's were one alternative often used when the foreign corporation approach was selected by U.S. companies. (If control of the foreign operation was not needed, then a U.S. company could invest in a foreign corporation with 50 percent or less stock ownership.) For 1980, CFC's had total assets of $\$ 508$ billion, an indicator of the use of CFC's as an investment vehicle. They, in turn, generated $\$ 699$ billion of business receipts throughout the world. The world map, following, shows the location pattern of CFC's.
U.S. tax considerations were an important incentive for establishing CFC's. The earnings and profits generated by CFC's in foreign countries were generally tax deferred until repatriated in the form of dividends to U.S. corporations. However, certain transactions made by CFC's in generating earnings and profits were considered to be "Subpart F income," which in turn, was taxable by the United States regardless of whether repatriated or not. This income was considered deemed to have been distributed to the U.S. shareholders of CFC's, and thereby taxable to the shareholders. Subpart F income included income from the insurance and reinsurance of U.S. risks, "foreign base company income," boycott participation income, and payments consisting of illegal bribes and kickbacks. For 1980, Subpart $F$ income amounted to $\$ 3.1$ billion and pre-tax earnings and profits generated by CFC's were $\$ 47.6$ billion. CFC's

paid $\$ 16.4$ billion of income taxes to foreign governments during this same period. There were also $\$ 10.7$ billion of dividends distributed by CFC's to U.S. parent corporations, which were also taxable. (These dividends were not, however, all distributed from current earnings and profits, but came in part from accumulated earnings and profits of prior years.)

## tax laws of foreign countries

As previously stated, economic factors were of major importance in investment decisions. For instance, the availability of skilled labor and markets for products help explain the predominance of manufacturing CFC's in European countries such as France, the United Kingdom, and West Germany (see Figure A). Nearly 74 percent of the assets of all European CFC's belonged to manufacturing corporations. However, in addition to the economic feasibility of investments, tax laws of certain foreign countries provided incentives to U.S. companies to invest in foreign corporations, including CFC's.

CFC's not only provided U.S. tax incentives for their parent companies, but many CFC's also enjoyed low tax rates (and other beneficial tax provisions) in certain foreign countries in which they operated. Foreign tax rates played an important role for U.S. companies in making offshore investment decisions. The host country has the first opportunity to tax the income the CFC earned in its country. When this income is repatriated to the U.S. parent company, a withholding tax may also be levied by the foreign country. When the dividends are received by the parent company from the CFC's, the dividends are subject to U.S. taxation. The United States also taxes deemed distributions, i.e., Subpart F income, as previously discussed. In order to avoid double taxation the U.S. firm can use a foreign tax credit against the U.S. income tax, generally up to the rate of the U.S. tax [2]. The worldwide tax burden has had an impact on the investment decisions of U.S. corporations (such as, in which foreign country to locate a particular business venture).

Certain countries imposed little or no tax on corporate income in 1980. For example, Bermuda had no corporate income tax [3]. However, Figure $B$ shows that there were some foreign taxes ( $\$ 53$ million) paid by CFC's in Bermuda. To an extent, these taxes were paid to other foreign countries by Bermudian CFC's doing business in those countries, in addition to doing business in Bermuda. For 1980, 20 percent of the CFC's incorporated in Bermuda reported another country as their principal place of business.

To attract investment, some countries singled out certain industries to receive special benefits. Liberia, for instance, had very
flexible tanker and other ship registration rules. In addition, Liberia generally did not tax foreign source income earned by CFC's. These shipping rules and tax benefits accounted for the large investment in the water transportation industry in Liberia. As shown in Figure A, this investment is indicated by the $\$ 7.4$ billion of assets in this industry, out of the total of $\$ 8.8$ billion of assets for all active Liberian CFC's [4].

Industries in other countries have received certain amounts of CFC investment which resulted in part from the tax incentives offered by the foreign countries. For instance, the Bahamas had CFC's with $\$ 3.4$ billion of assets engaged in the wholesale trade of petroleum and petroleum products, which produced $\$ 30.7$ billion of business receipts. For all active CFC's incorporated in the Bahamas, there were $\$ 7.5$ billion of assets and $\$ 35.0$ billion of business receipts. Further, there were large CFC investments in finance industries in Bermuda (\$8.4 billion of assets out of $\$ 13.7$ billion for all CFC's in this country), Hong Kong ( $\$ 5.0$ billion out of $\$ 8.3$ billion), and the Netherlands Antilles ( $\$ 12.7$ billion out of $\$ 14.3$ billion). For the Netherlands Antilles, the tax treaty with the United States which substantially exempted withholding taxes in the United States on interest payments that flowed to that country certainly added another reason for investment in finance CFC's [5].

Figure $B$ shows the amount of taxes paid by CFC's as a percent of their earnings and profits, for selected countries. These percentages were the calculated "effective tax rates," which may vary considerably from the statutory tax rate(s) of the countries [6]. This is because (1) certain amounts of earnings and profits, and the associated foreign taxes paid, were applicable to operations in countries other than the "host" foreign country; (2) earnings and profits is an economic concept and does not necessarily equal the statutory tax base used; (3) many countries, such as France and West Germany, taxed various types of income at different rates; and (4) many countries, like the United States, had progressive tax rates.

Figure $B$ also shows for 1980, that of the 19,523 CFC's which had positive earnings and profits, 4,879 or 25 percent paid no foreign income taxes. The types of taxes and methods of taxation used by foreign countries differed substantially, allowing many CFC's with. positive earnings and profits to pay no income taxes due to the various provisions of the different tax structures.

## GROWTH OF CFC ACTIVITY AROUND THE WORLD

In 1972 there were 29,221 CFC's [7] in the world with $\$ 167.8$ billion of assets, so that

Figure A. --Rates of Return and Profit Margins for Active Controlled Foreign Corporations, by Selected Countries of Incorporation and Primary Industries ${ }^{1}$
[Money amounts are in millions of dollars]

| Country of incorporation and primary industry | Number of CFC's | Total assets | Business receipts | Earnings and profits after taxes | Rate of return ${ }^{2}$ | Profit margin ${ }^{3}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | (1) | (2) | (3) | (4) | (5) | (6) |
| total | 29,107 | \$505,821 | \$699,003 | \$31,181 | 6.16\% | 4.46\% |
| Canada, total | 4,280 | 89,696 | 100,773 | 5,143 | 5.73 | 5.10 |
| Manufacturing | 1,741 | 43,581 | 66,335 | 3,022 | 6.93 | 4.56 |
| Brazil, total | 1,125 | 18,488 | 25,617. | 691 | 3.74 | 2.70 |
| Manufacturing | 497 | 11,955 | 15,469 | 478 | 4.00 | 3.09 |
| Mexico, total ......... | 1,010 | 8,486 | 11,883 | 933 | 10.99 | 7.85 |
| Manufacturing | 649 | 6,352 | 9,440 | 696 | 10.96 | 7.37 |
| Panama, total | 711 | 13,884 | 19,657 | 1,291 | 9.30 | 6.57 |
| Finance | 78 | 4,968 | 1,287 | 302 | 6.07 | 23.46 |
| The Bahamas, total | 192 | 7,515 | 34,952 | 279 | $\therefore 3.71$ | . 0.80 |
| Trade ${ }^{4}$.......... | 47 | 3,615 | 31,197 | 31 | 0.85 | 0.10 |
| Bermuda, total | 732 | 13,722 | 21,525 | 1,375 | 10.02 | 6.38 |
| Finance ........... | 483 | 8,417 | 2,915 | 798 | 9.48 | 27.38 |
| Netherlands Antilles, total | 283 | 14,303 | 2,191 | 383 | 2.68 | 17.48 |
| Finance | 204 | 12,658 | -959 | 333 | - 2.63 | -34.72 |
| Bel gium, total . | 761 | 14,306 | 22,314 | 704 | 4.92 | 3.15 |
| Manufacturing | 306 | 7,195 | 15,121 | 473 | 6.57 | 3.12 |
| France, total . | 1,516 | 25,371 | 47,019 | 1,529 | 6.03 | 3.25 |
| Manufacturing | 648 | 16,788 | 32,666 | 1,069 | 6.36 | 3.27 |
| Italy, total ... | 835 | 19,620 | 28,492 | 1,367 | 6.97 | 4.79 |
| Manufacturing | 398 | 10,092 | 18,789 | 1,103 | 10.93 | 5.87 |
| Netherlands, total | 1,153 | 14,665 | 24,205 | 1,169 | 7.97 | 4.83 |
| Manufacturing | 402 | 7,673 | 15,124 | . 570 | 7.43 | 3.77 |
| Switzerland, total .... | 1,049 | 17,170 | 29,704 | 1,640 | 9.55 | 5.52 |
| Trade ........ | 341 | 7,460 | 23,488 | 1,050 | 14.08 | 4.47 |
| United Kingdom, total .......... | 3,646 | 75,486 | 99,113 | 5,505 | 7.29 | 5.55 |
| Manufacturing ....... | 1,366 | 36,868 | 55,544 | 2,582 | 7.00 | 4.65 |
| West Germany, total .. | 1,844 | 46,117 | 72,488 | 2,611 | 5.66 | 3.60 |
| Manufacturing | 802 | 25,376 | 40,053 | 1,310 | 5.16 | 3.27 |
| Liberia, total ........ | 425 | 8,793 | 8,517 | $\bigcirc 139$ | 1.58 | 1.63 |
| Water transportation ........ | 266 | 7,416 | 7,286 | 93 | 1.25 | 1.28 |
| Hong Kong, total | 549 | 8,266 | 5,821 | 571 | 6.91 | 9.81 |
| Finance ... | 84 | 5,007 | 733 | 131 | 2.62 | .17.87 |
| Japan, total | 563 | 10,215 | 16,175 | 803 | 7.86 | 4.96 |
| Trade ...... | 211 | 4,830 | 10,862 * | 402 | 8.32 | 3.70 |
| Australia, total | 1,286 | 20,354 | 20,639 | 893 | 4.39 | 4.33 |
| Manufacturing ....... | 491 | 8,715 | 11,026 | 420 | 4.82 | 3.81 |

[^5]Figure B.--Controlled Foreign Corporations With and Without Foreign Income Taxes Paid on Positive Earnings and Profits, by Selected Areas and Countries of Incorporation
[Money amounts are in millions of dollars]


${ }^{1}$ There were 510 additional CFC's with positive earnings and profits ( $\$ 789 \mathrm{million}$ ) and negative foreign income taxes ( $\$ 150$ million).
al though the number of CFC's in 1980 increased by only 21 percent to 35,471 (including inactive CFC's), the assets grew by 203 percent to $\$ 508.0$ billion. The volume of business receipts generated by CFC's grew even faster, skyrocketing by 305 percent, from $\$ 172.4$ bilition in 1972 to $\$ 699$ billion in 1980 . Even with a high rate of inflation ( 78 percent from 1972 to 1980 [8]) the increase in business receipts (sales and service income) was comparatively large. Many individual countries showed large dollar increases in CFC business receipts during this
same period, such as Canada from $\$ 37.6$ to $\$ 100.8$ billion, United Kingdom from $\$ 20.4$ to $\$ 99.1$ billion, West Germany $\$ 15.9$ to $\$ 72.5$ billion, and France from $\$ 11.3$ to $\$ 47.0$ billion.

The few countries which showed smaller business receipts for 1980 compared to 1972 were the East European Communist countries. CFC receipts in these countries fell from $\$ 889$ to $\$ 29$ million and the number of CFC's dropped from 42 to 18 .

CFC'S BALANCE OF TRADE
For 1980, the overall. "CFC balance of trade" with U.S. parent companies (including their domestic subsidiaries) produced a surplus of $\$ 24.9$ billion for the United States, with CFC purchases of stock in trade from U.S. parents of $\$ 87.7$ billion and sales to these U.S. parents of $\$ 62.8$ billion. In comparison, the United States was in an overall deficit trade position ( $\$ 24.1$ billion) for 1980, with $\$ 244.9$ billion of imports and only $\$ 220.8$ billion of exports [9].

Figure C shows the U.S. 1980 balance of trade with selected foreign countries, and the sales and purchases of stock in trade between CFC's in those selected countries and their U.S.
parent companies. Certain comparisons between CFC activity in a particular country and the U.S. balance of trade with that country must be qualified. For instance, CFC's in the Bahamas reported greater sales (column 2) than the U.S. imports (column 5) from this country: This is partially explained by the difference in how U.S. Bureau of Census' statistics and CFC data are tabulated on a country basis. Census' statistics credit U.S. imports to the country of origin while CFC sales are based on the CFC's country of incorporation. The CFC sales to U.S. parent companies from the Bahamas included wholesale trade of such goods as petroleum and petroleum products. However; these CFC sales from the Bahamas were mainly attributable to CFC's being incorporated there to take advantage of the no-tax structure for

Figure C.--U.S. Balance of Trade, Purchases and Sales of Stock in Trade Between CFC's and Their Domestic Parents, for Selected Areas and Countries of Incorporation
[Millions of dollars]

corporate income, while the origin of the petroleum was not in the Bahamas. An additional qualification in comparing the statistics deals with timing. Census' data are based on the physical movement of goods for the 1980 Calendar Year, while CFC data are based on sales as reported for accounting periods beginning as early as September 1978 and ending as late as June 1981.

## SUMMARY

Investment decisions by U.S. corporations concerning activity in foreign countries were generally based on both economic and taxation considerations. Overseas investments by U.S. corporations were often in the form of businesses incorporated in foreign countries but controlled by the U.S. parents, i.e., CFC's. For 1980, U.S. corporations invested in 35,471 CFC's, which had assets of $\$ 508$ billion. When CFC's were used, the U.S. tax effect to the parent corporations and the tax laws of the foreign countries in which the CFC's were located were important considerations [10].

Controlled Foreign Corporations have made a noticeable impact on the economies of many countries. They generated throughout the world nearly $\$ 700$ billion in business receipts in 1980, with $\$ 47.6$ billion of earnings and profits. Additionally, CFC's paid $\$ 16.4$ billion in income taxes to foreign governments, and remitted $\$ 10.7$ billion in dividends to their U.S. parent corporations.

## DATA SOURCES AND LIMITATIONS

Sample Selection and Variability
The statistics for the 1980 Tax Year were estimated from a stratified probability sample of about 85,000 U.S. corporation income tax returns selected after revenue processing but before audit. A description of the sample selection procedures for corporate returns is presented in the Appendix.
From the general corporate sample described above, all returns containing Forms 2952 were used for the 1980 statistics presented in this article. The weighting factor used for each return was the same factor used for the U.S. parent corporation. The weighting factors used for the 1980 study resulted in an estimated 4,799 corporate returns, containing information for $35,47 \mathrm{CFC}$ 's.

Sampling variability (i.e., the degree to which statistics based on a sample differ from data based on similar samples) occurs only in strata in which returns were selected at a rate of less than 100 percent. For this article, returns selected at the 100 percent rate accounted for the largest part of the estimated
amounts. For instance, for 1980, CFC's owned by U.S. corporations with $\$ 250$ million or more in total assets (and selected at a 100 percent rate) accounted for the major portion of total assets ( 94.1 percent), business receipts ( 93.3 percent), and current earnings and profits (93.4 percent) of CFC's owned by all corporations. Because of the predominance of large companies, sampling variability is not considered a major limitation of the statistics.

## Nonsampling Limitations

Controlled Foreign Corporations were classified by country of incorporation and principal place of business. The Form 2952 specified that the CFC designate the country from which the largest portion of gross receipts was derived as the principal place of business. Because the largest portion will vary, from one CFC to another, an undetermined amount of business was conducted with countries other than the country of principal place of business. Additionally, the term "country" used in this article includes not only countries, but also other separate taxation authorities, such as possessions.

About 50 U.S. corporations filed consolidated Controlled Foreign Corporation schedules, with the data aggregated for several companies. Follow-up requests were made in an attempt to get the individual CFC information. About 75 percent of these requests were successful. A part of the remaining data fell into the correct classification by country because all of the CFC's reported on that particular return were in the same country. The few remaining unresolved consolidated CFC's were left in the same country classification as the CFC showing the consolidated data.

## Time Period Covered

The 1980 estimates are based on data from returns filed by U.S. corporations with accounting periods that were for full years ending any time between July 1980 through June 1981. In addition to these returns filed for 12 -month accounting periods, the statistics also include data from part-year returns (filed for accounting periods ending during the same time period by corporations which were new, merging, liquidating or simply changing their accounting periods). Because Forms 2952 were filed for the accounting periods of CFC's ending with, or within the accounting periods of the U.S. parent corporations, the CFC accounting periods covered by the statistics may have ended any time during the period August 1979 through June 1981; however, most of the activity was deemed to have occurred during 1980.

## EXPLANATION OF SELECTED TERMS

Business Receipts of Controlled Foreign general, gross receipts or gross sales less returns and allowances reported for CFC's on Forms 2952. In the finance, insurance, and real estate industries, business receipts were generally the total income or receipts of the CFC and may have included other types of income such as interest, royalties, rents, and other investment income. This definition differs from that used for business receipts statistics for domestic corporations, in that investment income is normally excluded.

CFC Balance of Trade.--This term is used to describe the excess of CFC sales to U.S. parents or purchases from U.S. parents. A surplus for the U.S. occurs when CFC purchases exceed sales to U.S. parents and a deficit for the U.S. results from an excess of sales to U.S. parents.

Current Earnings . and Profits of Controlled Foreign Corporations.--This item represents. the difference between the accumulated beginning and ending year balances of earnings and profits available for distribution to the stockholders. The earnings and profits of a foreign corporation must be calcūated under U.S. accounting standards, as required by IRS regulations. This calculation is such that earnings and profits closely conforms to the economic income, as opposed to the taxable income, of the foreign corporation.

Foreign Base Company Income.--This part of Subpart $F$ income included foreign personal holding company income ("passive" investment income), and foreign base company sales, services, and shipping income.
Foreign Income Taxes Paid by Controlled Foreign Corporations.--These were foreign income, war profits, and excess profits taxes paid or accrued by CFC's to foreign countries or U.S. possessions (including Puerto Rico). Also included were taxes imposed by other countries (including the United States) in cases where CFC's had business operations in countries other than the one in which they were incorporated.

Principal Place of Business.--The Form 2952 instructs the taxpayer to name the "principal cities and countries where business is conducted," meaning those places of business from which the largest portion of gross receipts was derived.

Profit Margin:--This ratio is the result of dividing current earnings and profits after taxes by business receipts.

Rate of Return. -- This ratio is the result of dividing the current earnings and profits after taxes of a CFC by its assets.

Sales and Purchases of Stock in Trade. --These were sales and purchases of merchandise in the ordinary course of trade or business. Only sales and purchases between CFC's and their U.S. parents (including their domestic subsidiaries) were used in this article.
U.S. Balance of Trade. --This is the excess of exports over imports resulting in a surplus, or the excess of imports over exports resulting in a deficit or negative balance of trade.

## NOTES AND REFERENCES

[1] Nearly all. CFC's are controlled by U.S. corporations, as opposed to other types of U.S. "persons" (estates, partnerships, etc.). Data contained in this article represent only those CFC's controlled by U.S. corporations. See Gianelos, Arthur, and Sutton, William, "Controlled Foreign Corporations, 1980," .Statistics of Income Bulletin, Spring 1984, Pp. 37-57.
[2] See States, William, "Corporate Foreign Tax Credits, 1980: An Industry Focus," Statistics of Income Bulletin, Summer 1984, for a more complete discussion of foreign tax credits.
[3] Other countries with certain low or no tax provisions included the Bahamas, Cayman Islands, Bahrain, New Hebrides, Netherlands Antilles, Gibraltar, Nauru, Turks and Caicos Islands, British Virgin Islands, Jersey (Channel Islands), Liechtenstein, Switzerland, Costa Rica, Hong Kong, Liberia, Panama, Philippines, Antigua, Barbados, Grenada, St. Vincent, Luxembourg, and the Netherlands. See Reiner, Wayne R., Taxation for Accountants, 23 October 1979, pp. 240-246. Additionaliy, countries such as the United Kingdom offered tax incentives other than low tax rates. These incentives included such items as large depreciation allowances on property. See Corporate Taxes, A Worldwide Summary, Price Waterhouse, October 1980.
[4] Additional 1980 CFC data cross-classified by country and industry are available by request from the Statistics of Income Division, $D: R: S$, Internal Revenue Service, Washington, DC 20224.
[5] See Carson, Chris R., "Nonresident Alien Income and Tax Withheld, 1982," Statistics of Income Bulletin, Fall 1984, for more information on tax treaties.
[6] It should be noted that while Figure $B$ shows an effective tax rate for all CFC's in a particular country (for example, the United Kingdom had a rate of 28 percent), many CFC's, in that country had much lower or higher effective tax rates. For
instance, of the 2,281 CFC's with positive earnings and profits in the United Kingdom, 526 paid at an effective tax rate of 50 percent or more. Table 2 of this article shows effective tax rate groupings for selected countries.
[7] Previous SOI studies showed that in 1962 there were 12,073 CFC's, 1965 had 17,668, 1966 reported 19,617 and in 1968 there were 20,895 . For further details, see Statistics of Income, Supplemental Reports, Foreign Income and Taxes (1962, 1965, and 1966), and International Income and taxes (1968).
[8] U.S. Department of Commerce, Bureau of Economic Analysis, Survey of Current Business, July 1983, voT. 63, No. T, p. 80.
[9] U.S. Department of Commerce, Bureau of the Census, Highlights of U.S. Export and Import Trade, FT 990, monthTy; and unpublished data.
[10] For an additional reference on this subject, see also Frisch, Daniel J. and Hartman, David G., Taxation and the Location of U.S. Investment Abroad, National Bureau of Economic Research, Working Paper No. 1241, November 1983.

Table 1.-Number of U.S. Corporation Returns and Number, Total Assets, Receipts, Earnings, Taxes, and Distributions of Controlled Foreign Corporations, by Selected Country of Incorporation and Size of Total Assets of Controlled Foreign

## Corporation

[All figures are estimates based on samples-money amounts are in thousands of dollars]

| Selected country of incorporation and size of total assats of Controlled Foreign Corporation | Number of U.S. corporation returns | Controlled Foreign Corporations |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Number of foreign corporations | Total assets | Business receipts | Gurrent earnings and profits (less deficit) before taxes | Foreign comporations with current earnings and profits (+ before taxes |  | Foreign income taxes(net) | Distributions |  |
|  |  |  |  |  |  | Current earnings and profits betore taxes | Foreign income taxes (nel) |  | Total | Out of current earnings and profits |
|  | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) |
|  | 4,799 <br> 1,517 <br> 3,306 <br> 2,427 <br> 1,072 <br> 247 <br> 2, | $\begin{array}{r} 35,471 \\ 5,087 \\ 13,687 \\ 11,134 \\ 5,312 \\ 870 \end{array}$ | $\begin{array}{r} \hline \mathbf{5 0 8 , 0 3 1 , 9 9 4} \\ 3,392,994 \\ 42,300,419 \\ 156,642,322 \\ 305,696,259 \end{array}$ | $699,003,002$ <br> 878,004 <br> $7,606,219$ <br> $67,113,551$ <br> $222,228,352$ <br> $401,176,877$ | $\begin{array}{r} \hline 47,621,582 \\ 269,589 \\ 1,317,794 \\ 4,603,973 \\ 16,949,095 \\ 24,481,131 \end{array}$ | $\begin{array}{r} \hline 55,794,508 \\ 313,116 \\ 1,903,729 \\ 5,952,080 \\ 19,440,360 \\ 28,185,223 \end{array}$ | $\begin{array}{r} 16,736,730 \\ 19,993 \\ 683,698 \\ 1,886,408 \\ 5,923,083 \\ 8,223,548 \end{array}$ |  |  |  |
|  |  |  |  |  |  |  |  | $\begin{array}{r} 16,440,451 \\ 18,287 \\ 660,264 \\ 1,837,308 \\ 5,821,787 \\ 8,102,804 \end{array}$ | $\begin{array}{r} 14,115,642 \\ 131,322 \\ 195,975 \\ 1,371,999 \\ 4,745,699 \\ 7,670,647 \end{array}$ | $\begin{array}{r} 9,643,638 \\ 46,098 \\ 87,586 \\ 849,525 \\ 3,495,028 \\ 5,165,401 \end{array}$ |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  | $\begin{array}{r} 2,527 \\ 623 \end{array}$ | - 5,415 | 90,043,610 | 100,773,346 | 8,285,453 | $\begin{array}{r} 8,963,459 \\ 138,766 \end{array}$ | 3,251,184 | 3,142,670 | 1,987,908 | 1,558,742 |
|  |  | 899 |  | 160.451 | 131,470 |  | -6,558 | -7,986 | 7,629 | 5,014 |
|  | 1,312 | 2,065 | 524,606 | 1,488,839 | 49,272 | 88,771 | 28,951 | 27,425 | $\begin{array}{r}23,039 \\ 184 \\ \hline 1070\end{array}$ | 9,499 101323 |
|  | 1,063 | 1,567 | 5,599,545 | 10,054,137 | 771.175 | 854,720 | 326,772 | - 322,987 | 184,270 | 101,323 480,986 |
|  | 483 | 723 162 | $22,110,818$ <br> $61,808,642$ | $29,601,527$ <br> $59,768,392$ | $2,915,444$ <br> $4,418,092$ | $3,147,177$ $4,734,024$ | $1,060,521$ $1,841,499$ | $1,045,822$ $1,754,421$ | 621,505 $1,151,466$ | 480,986 961,920 |
| Latin America, total ..................................... | 1,504 | 5,910. | 63,574,969 | 81,021,279 | 4,935,978 | $\begin{array}{r} 7,218,439 \\ 12,314 \end{array}$ | 1,883,281 | 1,899,571 | 1,427,837 | 1,102,064 |
| . : :Assets zero or not reported .................... | . 425 | 908 | 556,932 | 55,212 | $\begin{aligned} & 453 \\ & 9.554 \end{aligned}$ |  | $\begin{array}{r} 1,816 \\ 23,646 \end{array}$ | 2,17923,345 | $\begin{array}{r} 4,363 \\ 26,225 \end{array}$ | 1,10213,885 |
| . \$1 under \$1,000,000.......... |  | 2,340 |  | 1,025,338 |  | $\begin{array}{r} 12,314 \\ 107,412 \end{array}$ |  |  |  |  |
| $\therefore$ \$ $\quad 1,000,000$ under \$10,000,000 | 1.029 636 | 1,766 | $\begin{array}{r} 556,932 \\ 6,900,850 \end{array}$ | $\begin{array}{r} 8,341,412 \\ 30,326,753 \end{array}$ | $\begin{array}{r} 9.554 \\ 813,247 \end{array}$ | 1,051,129 | 331,661 | $\begin{aligned} & 330,867 \\ & 894,970 \end{aligned}$ | 188,222 | 589,435 |
| $\therefore \quad \$ 10,000,000 \text { under } \$ 100,000,000$ | 321 | 789 | 22,345,758 | $\begin{aligned} & 30,326,753 \\ & 41,272,565 \end{aligned}$ | 2,683,887 | 3,179,012 | 895,161 | $\begin{aligned} & 894,970 \\ & 648,211 \end{aligned}$ | 764,969 444,059 | -389,4318 |
| $\therefore$ Brazil |  | 1,330 | 18,714,994 | 25,617,128 | 1,183,736 | 1,566,973 | 479,521 | 492,684 | 319,325 | 233,104 |
| $\therefore$ Assets zero or not reperted | 123 | 173 | 112,050 |  | -6,385 | 1,220 | 130 6.195 | 130 6,445 | 319,325 |  |
| \$1 under \$1,000,000.... | 398 | 382 | 112,050$1,531,306$ | $\begin{array}{r} 188,016 \\ 1,636,423 \end{array}$ | $-13,219$79,288 | 31,526169,682 | $\begin{array}{r} 6,195 \\ 53,376 \end{array}$ | 6,445 | - 25,500 |  |
| \$1,000,000 under \$10,000,000 | 140 |  |  |  |  |  |  | $\begin{array}{r} 53,685 \\ 139,623 \end{array}$ | $\cdot \quad 25,500$ 99,085 | $\begin{array}{r} 2,299 \\ 18,840 \end{array}$ |
| \$10,000,000 under \$100,000,000 |  | 200 | $6,240,842$ $10,830,795$ | 6,442,064 | 345,064 | 526,443 | 140,711 | 292,800 | $\begin{array}{r} 99,085 \\ 191,721 \end{array}$ | 136,638 |
| \$100,000,000 or more | 34 | 41 | 10,830,795 | 17,336,988 | 778,989 | 838,102 |  |  | 5,290 | 136,638 |
| Ecuador............... | 638 | 87 | 44 | 336,736 | 24,430 | 28,237 | 4,606 | 4,616 |  | 4.988 |
| Assets zero or not reported $\$ 1$ under $\$ 1,000,000$ |  | 39 | 16,869 | 13,460 | -815 | 582 | 128 | 128 | 38 |  |
| \$1,000,000 undes $\$ 10,000,000$ |  | 32 | 141,139 | 147,670 | 12,405 | 15,231 | 2,849 | 2,864 | 2,334 | 2,069 |
| $\cdots$ - $\$ 10,000,000$ under $\$ 100,000,000$ |  | 9 | 114,436 | 175,100 | 12,422 | 12,423 | 1,629 | 1,629 | 2,919 | 2,919 |
| , , \$100,000,000 or more ......... |  |  |  |  |  |  |  |  |  |  |
| Mexico . | 632 | 1,249 | 8,520,743 | 11,883,394 | 1,638,105 | 1,692,600 | $\begin{array}{r} 709,214 \\ 1.602 \end{array}$ | $705,451$ | 241,003 | 188,643 |
| $\because$ Assets zero or not reported | 126344 | 183490 | 122,115 | $\begin{array}{r}9,160 \\ \hline 275617 \\ \hline\end{array}$ | - 18,939 | $\begin{array}{r} 6,356 \\ 26,548 \end{array}$ |  | $\begin{aligned} & 1,682 \\ & 9,702 \end{aligned}$ | 54 4.456 |  |
| \$1 under \$1,000,000... |  |  |  |  |  |  | r 9 9,366 | $\begin{array}{r} 9,702 \\ 135,701 \end{array}$ | 4,456 36,186 | 2,187 29,024 |
| \$1,000,000 under \$10,000,000 ... | 344 | 411 152 | $\begin{aligned} & 1,675,433 \\ & 4,137,266 \end{aligned}$ | $\begin{aligned} & 2,118,987 \\ & 5,007,143 \end{aligned}$ | $\begin{aligned} & 303,040 \\ & 902,247 \end{aligned}$ | $\begin{aligned} & 331,869 \\ & 919,901 \end{aligned}$ | $\begin{aligned} & 138,021 \\ & 383,937 \end{aligned}$ | $\begin{aligned} & 135,701 \\ & 382,079 \end{aligned}$ | 36,186 136,987 | 29,024 105,346 |
| \$10,000,000 under \$100,000,000 .... | 124 | 152 |  |  |  |  | $\begin{array}{r} 383,937 \\ -176,287 \end{array}$ | $\begin{array}{r} 382,079 \\ -176,287 \end{array}$ | $\begin{array}{r}136,987 \\ -63,320 \\ \hline\end{array}$ | 105,346 $-52,086$ |
| Panama (Including Canal Zone) | 422 | 921 | 13,952,464 | 19,657,203 | 1,427,229 | 1,502,321 | 132,790 | 136,160 | 347,957 | 251,745 |
| 4. Assets zero or not reported ................... | 105 | 217 |  | 26,617 | -134 | 1,234 | 16 | 16 | 1,458 | 66 |
| \$1 under \$1,000,000............................ | 230 | 377 | 72,977 | 86.911 | . 5,139 | 15,067 | 997 | 947 | 10,385 | 5,671 |
| \$1,000,000 under \$10,000,000 ................ | 132 | 199 | 798,674 | 957,878 | 118,196 | 131,886 | 22,237 | 22,740 | 44,956 | 22,612 |
| $\therefore \$ 10,000,000$ under $\$ 100,000,000$ | 83 18 | 107 21 | 3,104,708 <br> $9,976,105$ | -5,957,724 | 389,448 914,580 | 437,293 916,841 | 70,981 | 71,741 40,715 | 176,714 114,444 | $\begin{aligned} & 114,305 \\ & 109,091 \end{aligned}$ |
| \$100,000,000 or more. | 18 | 21 | 9,976,105 | 12,628,073 | 914,580 | 916,841 | 38,559 | +40.715 | 127,464 | 103,979 |
| Venezuela. | 248 | 494 | 4,588,308 | 5,850,745 | 411,523 | 538,498 | 153,759 | 155,972 | 127,562 | 103.979 636 |
| : Assets zero or not seported | 52 | 63 |  |  | 645 | 651 7 | 15 | 158 | -1.773 | 636 451 |
| - \$1 under \$1,000,000............................ | 101 | 146 | 34,377 | 58,915 | 3,449 | 7,307 | 8912 | 28.170 | 23,992 | 451 19,323 |
| \$1,000,000 under \$10,000,000 ................. | 117 | 183 | 720,710. | 882,541 | 91,918 | 103,418 | +28,231 |  | 23,396 | 19,323 79,809 |
| All Other Latin America | 615 | 1,829 | 17,526,016 | 17,676,073 | 250,954 | 1,889,810 | 403,392 | 404,689 | 386,700 | 319,604 |
| Assets zero or not reported ........................ | 161 | 266 |  | 5,260 | 458 | 2,853 | 52 | 339 | 1.079 | 400 |
| \$1 under \$1,000,000......... | 396 | 753 | 198,543 | 402,419 | -4.440 | 26,382 | 6.048 | 5,170 | 6,335 | 3,277 |
| \$1,000,000 under \$10,000,000 | 277 | 560 | 2,033,589 | 2,597.913 | 208,400 | 299,042 | 86,947 | 87,708 | 55,855 | 40,255 |
| \$10,000,000 under \$100,000,000 | 141 | 226 | 6,283,133 | 9,769,094 | 709,641 | 930,483 | 189,479 | 190,606 | 256,597 | 211,729 |
| \$100,000,000 or more .......... | 21 | 25 | 9,010,751 | 4,901,387 | -663,105 | 631,051 | 120,866 | 120,866 | 66,835 | 63,943 |
| Other Western Hemisphere, total | 740 | 1,462 | 38,275,340 | 59,033,035 | 2,257,408 | 2,507,347 | 186,255 | 184,951 | 943,353 | 379,426 |
| Assets zero or not reported | 132 | 175 |  | 99,481 | 22,514 | 24,292 | -421 | -432 | 77,985 | 21,395 |
| \$1 under \$1,000,000... | 323 | 447 | 109,934 | 343,640 | 4,309 | 29,891 | 3,035 | 1,971 | 28,530 | 6,081 |
| \$1,000,000 under \$10,000,000 | 346 | 430 | 1,776.923 | 1,287,991 | 146,983 | 204,951 | 10.742 | 10,710 | 36,431 | 20,496 1414 |
| '. $\$ 10,000,000$ under $\$ 100,000,000$ | 242 | 325 | 10,409,722 | 6,801,314 | 832,967 | 878,913 | 55,122 | 54,305 118,396 | 306,954 493,454 | 141,150 190,304 |
| \$100,000,000 or more. | 56 | 85 | 25,978,762 | 50,500,610 | 1,250,635 | 1,369,299 | 117,777 | 118,396 | 493,454 | 190,304 |
| The Bahamas. | 146 | 260 | 7,524,769 | 34,951,662 | 322,780 | 395,921 | 43,968 | 43,511 | 159,694 | 75,924 |
| Assets zero or not reported ................... | 35 | 50 |  | 615 | 86 | 613 | 21 | 21 | 54,491 | 593 |
| \$1 under \$1,000,000...... | 66 | 83 | 20,807 | 43,959 | 747 | 4,646 | 24 | 24 | 2.348 | 1,409 |
| $\$ 1,000,000$ under $\$ 10,000,000 \ldots$ $\$ 10,000,000$ under $\$ 100,000,000$ | 54 | 67 | - 250,618 | 324,413 | 5,223 | 21,996 | 2,293 | 2,536 | 6,304 | 4,468 |
| $\cdots$ \% $\quad \$ 10,000,000$ under $\$ 100,000,000$ | **49 | **1 | **7,253,34, | * $34,582,674$ | **316,723 | *368,666 | 41,631 | 40,931 | 96,551 | -69,454 |
|  |  |  |  | 21525395 | 1,427284 | 1,566,404 | 52.037 | 51,859 | 372,378 | 191,796 |
| Assets zero or not rep | 60 | 77 |  | 96,780 | 20,274 | 21.521 | -503 | -503 | 23,482 | 20,802 |
| Assets zero or not reper | 199 | 252 | 69,757 | 255,771 | 3,861 | 19,259 | 1,625 | 1,640. | 10,064 | 2,689 |
| $\therefore \quad \$ 1,000,000$ under $\$ 10,000,000$ | 255 | 295 | 1,211,261 | 787,300 | 122,123 | 156.740 | 5,987 | 5,728 | 27,874 | 14,158 |
| \$10,000,000 under $\$ 100,000,000$ | 135 | 165 | 4,513,976 | 4,427,562 | 514,384 | 530,053 | 18,963 | 19,029 | 135,023 | 61,935 |
| \$100,000,000 or more :.......... | 23. | 32 | 8,336,869 | 15,957,982 | 766,642 | 838,832 | 25,965 | 25,965 | 175,936 | 92,212 |

[^6]Table 1.-Number of U.S. Corporation Returns and Number, Total Assets, Receipts, Earnings, Taxes, and Distributions of Controlled Foreign Corporations, by Selected Country of Incorporation and Size of Total Assets of Controlled Foreign Corporation-Continued
(All figures are estimates based on samples-money amounts are in thousands of dollars]


[^7]Table 1.-Number of U.S. Corporation Returns and Number, Total Assets, Receipts, Earnings, Taxes; and Distributions of Controlled Foreign Corporations, by Selected Country of Incorporation and Size of Total Assets of Controlled Foreign Corporation-Continued
[All figures are estimates based on samples-money amounts are in thousands of dollars]


[^8]Table 1.-Number of U.S. Corporation Returns and Number, Total Assets, Receipts, Earnings, Taxes, and Distributions of Controlled Foreign Corporations, by Selected Country of Incorporation and Size of Total Assets of Controlled Foreign Corporation-Continued
[All figures are estimates based on samples-money amounts are in thousands of doltars]

| Selected country of incorporation and size of total assets of Controlled Foreign Corposation | Number of U.S. corporation returns | Controlled Foreign Corporations |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Number of foreign corporations | Total assets | Business receipts | Current earnings and profits (less deficit) before taxes | Foreign corporations with current earnings and profits $(+)$before taxos |  | Foreign income (net) | Distributions |  |
|  |  |  |  |  |  | Current earnings and protits before taxes | Foreign income taxes (net) |  | Total | Out of current earnings and profits |
|  | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) |
|  |  |  |  |  |  |  |  |  |  |  |
| Assets zero or not report | 423 | 595 | 10,214,965 | 16,175,231 | 1,497,131 | 1,617,141 | 709,933 | 693,713 | 378,418 | 334,758 |
| \$1 under \$1,000,000...... | 202 | 236 | 68,278 | 136,848 | - 10,899 | 13,721 | 5,410 | -9,122 | 807 | 411 |
| \$1,000,000 under \$10,000,000 | 192 | 218 | 827,062 | 1,461.721 | 102,979 | 130,990 | 59,287 | 59,091 | 15,809 | 11,262 |
| \$10,000,000 under \$100,000,000 | 81 | 99 | 2,797,726 | 3,531,503 | 317,629 | 374,967 | 168,730 | 167.238 | 84,090 | 69,879 |
| \$100,000,000 or more ............. | 13 | 13 | 6,521,898 | 11,024,185 | 1,087,541 | 1,096,696 | 475,710 | 475.710 | 277,304 | 253,207 |
| Middle East (Except OPEC) | 130 | 202 | 2,391,526 | 1,716,138 | 174,812 | 182,170 | 54,786 | 54,240 | 19,807 | 14,256 |
| Assets zero or not reported. | 26 | 36 | -1 | 39,203 | 18.607 | 18.884 | 198 | 198 | 4,680 | $\stackrel{\square}{10}$ |
| \$1 under \$1,000,000......... | 65 | 83 | 19,011 | 34,758 | 1,448 | 3,542 | 1.407 | 1.440 | 476 | 340 |
| \$1,000,000 under \$10,000,000 | 50 | 59 | 221,848 | 263,545 | 29,007 | 32,578 | 9,266 | 8,658 | 5,042 | 4,887 |
| \$10,000,000 under \$100,000,000 | 17 | 19 | 577,960 | 390,784 | 50.187 | 51,603 | 11,994 | 12,022 | 9.310 | 8.730 |
| \$100,000,000 or more .............. | 3 | 5 | 1,572,707 | 987,847 | 75,562 | 75,562 | 31,921 | 31,921 | 299 | 299 |
| OPEC (Exctuding Indonesia) | 83 | 125 | 624,160 | 677,944 | 52,510 | 67,740 | 4,460 | 4,570 | 19,234 | 15,050 |
| Assets zero or not reported.. | 21 | 40 | - | 2,958 | -4 | - | - | - | - | - |
| \$1 under \$1,000,000 $\ldots$ | 35 | 40 | 8,734 | 10,261 | -991 | 364 | 96 | 99 | 22 | 22 |
| \$1,000,000 under \$10,000,000 | 30 | 30 | 111,466 | 124,423 | 11,919 | 15,427 | 723 | 830 | 5,317 | 4,151 |
| \$10,000,000 under \$100,000,000 | 13 | 15 | 503,960 | 540,302 | 41,587 | 51,949 | 3,641 | 3,641 | 13,895 | 10,878 |
| \$100,000,000 or more ............. | - | - |  |  |  |  | - |  |  |  |
| Philippines | 156 | 213 | 2,194,150 | 3,357,485 | 236,412 | 272,415 | 106,771 | 105,402 | 54,410 | 45,553 |
| Assets zero or not reported | 19 | 20 |  | 4,023 | -344 |  | 94 | 94 |  |  |
| \$1 under \$1,000,000. | 69. | 77 | 17,948 | 30,358 | 2,336 | 3,070 | 897 | 897 | 761 | 490 |
| \$1,000,000 under \$10,000,000... | 68 | 76 | 306,165 | 420,007 | 29,679 | 38,545 | 12,648 | 12,310 | 4,301 | 3.476 |
| \$10,000,000 under $\$ 100,000,000$ | 36 | 37 | 994,767 | 1,744,237 | 156.270 | 181,541 | 66,319 | 65,359 | 38,097 | 35,863 |
| \$100,000,000 or more ............. | 3 | 3 | 875,269 | 1,158,860 | 48,471 | 49,481 | 26,813 | 26,742 | 11,250 | 5,724 |
| All Other Asia | 409 | 905 | 7,216,332 | 12,730,258 | 1,155.789 | 1,239,562 | 280,181 | 280,781 | 200,985 | 145,455 |
| Assets zero or not reported | 72 | 94. |  | 1,104 | 1,235 | 2,232 | 720 | 720 | 137 | 137 |
| \$1 under \$1,000,000... | 251 | 359 | 103,333 | 252,671 | 9,807 | 16,747 | 5,363 | 5,396 | 3,203 | 1,233 |
| \$1,000,000 under \$10,000,000 ... | 197 | 304 | 1,118,902 | 1,735,160 | 178.129 | 196,785 | 60,996 | 61,079 | 55,798 | 41,508 |
| \$10,000,000 under \$100,000,000 | 90 | 133 | 3,371,622 | 5,758,273 | 591,716 | 602,264 | 135,954 | 136,438 | 102,442 | 73,117 |
| \$100,000,000 or more.. | 11 | 15 | 2,622,474 | 4,983,050 | 374,901 | 421,535 | 77,148 | 77.148 | 39,405 | 29,461 |
| Oceania, total ............................................ | 681 | 1,976 | 21,874,465 | 23,104,538 | 1,737,143 | 1,997,387 | 706,528 | 726,449 | 414,652 | 353,892 |
| Assets zero or not reported ........... | 159 | 298 | - | 26,289 | 9,977 | 11,201 | 1,679 | 1,691 | 11,530 | 8,160 |
| \$1 under \$1,000,000............ | 385 | 761 | 192,751 | 373,599 | 5,060 | 32,666 | 8,569 | 9,105 | 11,778 | 6,224 |
| \$1,000,000 under \$10,000,000... | 363 | 608 | 2,221,994 | 3,398,573 | 253,218 | 292,695 | 111,232 | 110,810 | 53,305 | 37,085 |
| \$10,000,000 under \$100,000,000 | 190 | 273 | 7,389,715 | 8,556,213 | 752,118 | 801,395 | 279,312 | 288,188 | 164,481 | 135,148 |
| \$100,000,000 or more. | 27 | 36 | 12,070,005 | 10,749,944 | 716,769 | 859,429 | 305,736 | 316,655 | 173,558 | 167,274 |
| Australia | 647 | 1,602 | 20,418,036 | 20,639,051 | 1,555,874 | 1,803,113 | 642,907 | 662,657 | 368,286 | 312,262 |
| Assets zero or not reported | 132 | 220 |  | 21,074 | 9,395 | 10,671 | 1,380 | 1,392 | 11,223 | 7.983 |
| \$1 under \$1,000,000...... | 337 | 611 | 153,209 | 297,005 | 143 | 25,650 | 6,073 | 6,497 | 10,445 | 5,616 |
| \$1,000,000 under \$10,000,000 | 324 | 495 | 1,857,970 | 2,825,020 | 211,481 | 246,263 | 95,802 | 95,270 | 49,437 | 33,664 |
| \$10,000,000 under \$100,000,000 | * 207 | * 276 | ${ }^{-18,406,857}$ | - ${ }^{\text {17,495,953 }}$ | * $1,334,855$ | * $1,520,588$ | **539,653 | **559,498 | **297,182 | **264,999 |
| \$100,000,000 or more .......... |  |  |  |  |  |  |  |  |  |  |
| All Other Oceania | 222 | 374 | 1,456,429 | 2,465,486 | 181,269 | 194,274 | 63,620 | 63,792 | 46,366 | 41,630 |
| Assets zero or not reported | 50 | 78 |  | 5,136 | 582 | 590 | 299 | 299 | 307 | 177 |
| \$1 under \$1,000,000.... | 113 | 150 | 39,543 | 76,594 | 4,917 | 7,016 | 2,496 | 2,608 | 1,333 | 608 |
| \$1,000,000 under \$10,000,000 | 96 | 113 | 364,024 | 573,553 | 41,737 | 46,432 | 15,431 | 15,540 | 3,869 | 3.422 |
| \$10,000,000 under \$100,000,000 | * 28 | *33 | * $1,052,862$ | * 1,810,203 | - 134,033 | * 140,236 | **45,394 | **45,345 | * 40,857 | *37,423 |
| \$100,000,000 or more .......... |  |  |  |  |  |  |  |  |  |  |
| Puerto Rico and U.S. Possessions, total . | 246 | 488 | 3,753,865 | 6,772,365 | 228,834 | 248,150 | 57,449 | 56,944 | 19,708 | 13,245 |
| Assets zero or not reported... | 40 | 52 |  | 111,523 | 4,888 | 5,017 | 293 | 293 | - |  |
| \$1 under \$1,000,000... | 147 | 221 | 65,630 | 111,058 | 5,310 | 9,072 | 1,894 | 1,938 | 356 | 186 |
| \$1,000,000 under \$10,000,000 | 104 | 174 | 597,547 | 654,462 | 41,118 | 52,719 | 17,021 | 16,556 | 5,448 | 4,076 |
| \$10,000,000 under \$100,000,000 | 32 | 37 | 1,007,185 | 1,049,510 | 69,501 | 73,325 | 21,755 | 21,671 | 8,604 | 7.609 |
| \$100,000,000 or more .............. | 4 | 4 | 2,083,503 | 4,952,812 | 108,017 | 108,017 | 16,486 | 16,486 | 5,300 | 1,375 |
| OPEC Countries, total (included abov | 339 | 859 | 7,131,635 | 9,018,260 | 880,128 | 1,048,218 | 301,365 | 296,734 | 276,964 | 227,209 |
|  | 89 | 138 |  | 3,495 | 558 | 651 | 15 | 11 | 1,773 | 636 |
|  | 178 | 260 | 68,885 | 93,320 | 769 | 8,996 | 1,439 | 1,385 | 2,052 | 473 |
|  | 168 | 300 | 1,222,669 | 1,419,660 | 222,925 | 249,435 | 46,810 | 46,870 | 39,402 | 32,538 |
|  | 100 | 151 | 3,903,463 | 4,381,490 | 529,845 | 578,899 | 197,017 | 191,019 | 158,388 | 134,041 |
|  | 10. | 10 | 1,936,618 | 3,120,295 | 126,031 | 210,237 | 56,083 | 57,449 | 75,349 | 59,521 |

Notereted or conbined to avoid disclosure of information for specific corporations
Note: Detail may not add to total because of rounding

Table 2.-Number of U.S. Corporation Returns and Number, Total Assets, Receipts, Earnings, Taxes, and Distributions of Controlled Foreign Corporations, by Selected Country of Incorporation and Taxes as a Percentage of Earnings and Profits of Controlled Foreign Corporation
[All figures are estimates based on samples-money amounts are in thousands of dollars]

| Selected country of incorporation and current earnings and protits (i) betore taxes |  | Controlled Foreign Corporations |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Number of foreign corporations | $\underset{\text { Total }}{\substack{\text { assels }}}$ | Business receipts | $\begin{gathered} \text { Current } \\ \text { earrings } \\ \text { and drovits } \\ \text { destist } \\ \text { deficit) } \\ \text { before } \\ \text { taxes } \end{gathered}$ | Foreign corporations with current earnings and profits ( + )before taxes |  | $\begin{aligned} & \text { Foreign } \\ & \text { income } \\ & \text { taxes } \\ & \text { (net) } \end{aligned}$ | Distributions |  |
|  |  |  |  |  |  | $\begin{gathered} \text { Current } \\ \text { eannings } \\ \text { and profits } \\ \text { betorere taxes } \end{gathered}$ | Foreign taxes (net) |  | Total | $\begin{gathered} \text { Our ot } \\ \text { ceurrent } \\ \text { cend } \\ \text { and profitits } \end{gathered}$ |
| All Geographic Areas, total <br> All foreign corporations $\qquad$ <br> Foreign corporations with current earnings and profits ( + ) before taxes: <br> Total $\qquad$ | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) |
|  | 4,799 |  | 508,031,994 | 699,003,002 | 47,621,582 | 55,794,508 | 16,736,730 | 16,440,451 | 14,115,642 | 9,643,638 |
|  |  | 35,471 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  | 3,250 | 19.523 | 420,912.123 | 596,690,896 | 55,794,508 | 55,794,508 | 16,736,730 | 16,736,730 | 13,198,764 | 9,638,623 |
| With taxes ( + ) as a percent of current earnings and profits ( + ) before taxes: |  |  |  |  |  |  |  |  |  |  |
| Total................ | 2,359 | 14,135 | 354,292,586 | 503.092.043 | $\begin{array}{r} 50,489,476 \\ 7.392,907 \end{array}$ | $\begin{array}{r} 50,489,476 \\ 7,392,907 \end{array}$ | $\begin{array}{r} 16,886,509 \\ 268,476 \end{array}$ | $\begin{array}{r} 16,886,509 \\ 268,476 \end{array}$ | $12.042,811$ <br> $2,358,263$ | $\begin{aligned} & 9,007.987 \\ & 1,789,116 \end{aligned}$ |
| Under 10 percent..... | 622 | 1,333 | 54,585,898 | ${ }_{53}^{67.579 .5944}$ |  |  |  |  |  |  |
| 10 under 20 percent. | 607 719 | 1.219 <br> 7.715 | 41.155,804 49,399799 | 53.824.757 | 4,995,452 $7,307,291$ | $\begin{array}{r} 7,392,907 \\ 4,995,452 \end{array}$ | $\begin{array}{r}740.799 \\ \hline 871766\end{array}$ | $\begin{array}{r}740.799 \\ \hline 18776\end{array}$ | 1.013.168 | 765,425 |
| 30 under 40 percent. | 936 | 2.431 | 69,707,716 | 105,334,137 | 10.613.238 | $10,613,238$6.866 .663 | 1,871,766 | $\begin{aligned} & 1,871,766 \\ & 3,698,994 \end{aligned}$ | $1,551.033$ $2,640.893$ | $1,239,905$ 1.816 .914 |
| 40 under 45 percent. | 769 | 1,734 | 38,817,217 | 47,881,252 | 6,866.663 |  | $3,698,994$ 2.900 .701 | 2,900,701 | $1,288.100$ | 1 1087,436 |
| 45 under 50 percent. | 874 | 2,100 | 35,785,161 | 51,953,853 | 5,384,577 | 5,384,577 | 2.540 .111 | $\begin{aligned} & 2.544 .111 \\ & 2.677 .469 \end{aligned}$ | $1.263,406$1.250 .890 |  |
| 50 under 60 percent. | 821 | 2,018 | 34,877,168 | 52,849,088 | 4,989,939 | $4,989.939$ | 2.677 .469 <br> $1,341.26$ |  |  | $1,039.485$ 848.404 |
| 60 under 80 percent. 80 under 100 percent | ${ }_{232}{ }^{496}$ | 870 306 | $17,077,798$ <br> $6,414,831$ | $25,882,376$ $10,582,940$ | $\begin{array}{r}2.049,640 \\ \hline 726.078\end{array}$ | 2,0496,640 | $1,341,126$ <br> 658,619 <br> 188,448 | 658,619 <br> 188,448 | $\begin{array}{r}1.250,890 \\ 45.239 \\ \hline\end{array}$ | 334,747 |
| 100 percent or more. | 270 | 408 | 6,471,93 | 8,169,996 | 127,692 |  |  |  | $\begin{array}{r} 165,623 \\ 56,195 \end{array}$ | 86,557 |
| With no foreign income taxes. | 1,830 | 4,879 | $56,396,490$$10,223,047$ | $80,865,905$$12,732,949$ | 4,515,883789,149 | $4,515,883$789,149 | $-149,779$ | - | 991,362 | 536,488 |
| With foreign income taxes $(-)$... | 325 | 510 |  |  |  |  |  |  | . 164,591 | 94,147 |
| Foreign corporations with current earnings and profits deficit before taxes.. |  |  | 10,223,047 83,768,172 | $\begin{array}{r} 101,800,595 \\ 5 \dot{11}, 511 \end{array}$ | $\begin{array}{r} 789,149 \\ -8,172,926 \end{array}$ |  | -149,779 | - 149,779 | 897,193 | 5,015 |
| Foreign corporations with no current earnings and profits $(+)$ and $(-)$ beiore taxes. | 1,980 | 7,853 | $\begin{gathered} 83,768,172 \\ 3,351,699 \end{gathered}$ |  | $-8,172,926$ |  | - | -296,648 |  |  |
| Canada |  | 8.095 | $3,351,699$ |  |  |  |  |  |  |  |
| All foreign corporations. | 2,527 | 5,415 | 90,043,610 | 100,773,346 | 8,285,453 | 8,963,459 | 3,251,184 | 3,142,670 | 1.987,908 | 1,558,742 |
| Foreign corporations with current earnings and profits ( + ) before taxes: |  |  |  |  |  |  |  |  |  |  |
| Total . | 1,709 | 3,071 | 75,643,254 | 79,494,473 | 8,963,459 | 8,963,459 | 3,251,184 | 3,251,184 | 1,959,731 | 1,558,742 |
| With taxes ( + ) as a percent of current earnings and profits ( + ) before taxes: |  |  |  |  |  |  |  |  |  |  |
| Total... | 1,3669999153333342440373 | 2.403 | 66,682,705 | 73,990,124 | 8,387.840 | 8,387,840 | $\begin{array}{r} 3,285,749 \\ 14,613 \end{array}$ | 3,285,749 | 1,884,723 | 1,525,185 |
| Under 10 percent |  | 107 | 3,079,281 | 2.730.420 | 345.660 | 345,660 |  | 14,613 | 131,362 | 87.010 |
| 10 under 20 percent. |  | 115 | 6,503:478 | 4,710.166 | 736.649 | 736.649 | 114.967 | 114,967 | 256,588 | 212,923 |
| 20 under 30 percent. |  | 193 | 7,936,356 | 9,255,485 | 984,424 | 984,424 | 258.125 | 258.125 | 240.501 | 215.090 |
| 30 under 40 percent. |  | 407 | 12.897,322 | 14,750,945 | 1,917,034 | 1,917,034 | 674,286 | 674,286 | 293.595 | 260.476 |
| 40 under 45 percent. |  | 419 | 12,181,890 | 14,685,919 | 1,550,679 | 1,550,679 | 661,717 | 661,717 | 336,212 | 281720 |
| 45 under 50 percent. |  | 497 | 7,876,831 | 11,522,739 | 1,064,415 | 1,064,415 | 504,323 | 504,323 | 161,174 | 135,361 156391 |
| . 50 under 60 percent.... |  | 499 105 | $8,606,150$ $6,632,672$ | $7,782,211$ $7,934,720$ | -939,502 | 939,502 | 507,516 <br> 534,389 | 507,516 <br> 534 | 251,229 211,140 | 156,391 175,970 |
| 80 under 100 percent |  | 25 | 578,563 | 455,465 | 12,261 | 12,261 | 11,010 | 11,010 | 2,858 | 242 |
| 100 percent or more. |  | 37 | 390, 162 | 162,055 | 3,353 | 3,353 | 4,803 | 4,803 | 63 |  |
| With no foreign income taxes | 46649 | 613 | 7,999,969 | 4,832,199 | $\begin{aligned} & 384,557 \\ & 191,062 \end{aligned}$ | $\begin{gathered} 384,557 \\ 191,062 \end{gathered}$ | $\begin{array}{r} - \\ -34,564 \end{array}$ | -34,564 | 37,823 | $\begin{array}{r} 25,679 \\ 7,878 \end{array}$ |
| With foreign income taxes $(-)$............ |  | 55894 | $960,580$ | $\begin{array}{r} 672,150 \\ 21,038,815 \end{array}$ |  |  |  |  | 37,185 |  |
| Foreign corporations with current earnings and profits deficit before taxes | 659 |  |  |  | $-678,005$ |  |  | -108,504 | 27,985 | - |
| Foreign corporations with no current earnings and profits $(+)$ and $(-)$ betore taxes.: | - 802 | 1,450 | 13,794,102 606,255 | 21,038,815 |  |  |  | -1 | 192 | - |
| Latin America, total |  |  |  |  |  |  |  |  |  |  |
| All foreign corporations ............. | 1,504 | 5,910. | 63,574,969 | 81,021,279 | 4,935,978 | 7,218,439 | 1,883,281 | 1,899,571 | 1.427.837 | 1,102,064 |
| Foreign corporations with current earnings and profits ( + ) before taxes: |  |  |  |  |  |  |  |  |  |  |
| Total ............................... | 900 | 3,015 | 49,783,522 | 70,415,862 | 7,218,439 | 7,218,439 | 1,883,281 | 1,883,281 | 1,399,357 | 1,102,064 |
| With taxes $(+)$ as a percent of current earnings and profits ( + ) before taxes: |  |  |  |  |  |  |  |  |  |  |
| Total. | 626 | 2,134 | 41,652,018 | 65,131,854 | 6,634,814 | 6,634,814 | 1,890,193 | 1,890,193 | 1,298,760 | 1,021,793 |
| Under 10 percent.... | 152 | 229 | 10,717,176 | 17,090,470 | 1,359,743 | 1,359,743 | 28,202 | 28,202 | 300,417 | 253,644 |
| 10 under 20 percent. | 148 | 246 | 4,297,494 | 4,696,977 | 691,855 | 691,855 | 100,652 | 100,652 | 145,554 | 94,123 |
| 20 under 30 percent. | 216 | 370 | 6,746,055 | 11,722,682 | 1,289,394 | 1,289,394 | 311,938 | 311,938 | 290,319 | 224,308 |
| 30 under 40 percent. | 224 | 384 | 6,699,303 | 9,631,427 | 1,121,741 | 1,121,744 | 392,715 | 392,715 | 205,040 | 158,760 |
| 40 under 45 percent. | 167 | 225 | 3,979,076 | 6,270,600 | 820,546 | 820,546 | 351,141 | 351,141 | 128,054 | 117.110 |
| 45 under 50 percent. | 220 | 301 | 3,696,105 | 7,177,226 | 854,031 | 854,031 | 403,686 | 403,686 | 133,799 | 110,957 |
| 50 under 60 percent. | 168 | 200 | 2,343,001 | 5,253,300 | 378.539 | 378,539 | 199.822 | 199,822 | 59.416 | 50.911 |
| 60 under 80 percent... | 70 | 80 | 562,067 | 736,009 | 62,297 | 62,297 | 42,273 | 42,273 | 12,474 | 9.574 |
| 80 under 100 percent | 41 | 45 | 696,065 | 2,016,774 | 46,380 | 46,380 | 40,504 | 40,504 | 10,751 | 2,406 |
| 100 percent or more ... | 49 | 54 | 1,915,676 | 536,388 | 10,288 | 10,288 | 19,261 | 19,26 | 12,936 | - |
| With no foreign income taxes. | 508 | 830 | 7,463,983 | 4,507,129 | 538,445 | 538,445 | - | - | 93,407 | 73,404 |
| , With foreign income taxes ( - ). | 41 | 51 | 667,521 | 776,879 | 45,180 | 45,180 | -6,912 | -6,912 | 7.190 | 6,868 |
| Foreign corporations with current earnings and profits deficit before taxes. | 702 | 1,409 | 13,199, 134 | 10,577,241 | -2,282,462 | - | - | 15.980 | 28,031 | - |
| Foreign corporations with no current earnings and profits $(t)$ and $(-)$ before taxes. | 698 | 1.486 | 592,313 | 28,176 | - | - | - | 310 | 450 | - |

[^9]Table 2.-Number of U.S. Corporation Returns and Number, Total Assets, Receipts, Earnings, Taxes, and Distributions of Controlled Foreign Corporations, by Selected Country of Incorporation and Taxes as a Percentage of Earnings and Profits of Controlled Foreign Corporation-Continued
[All figures are estimates based on samples-money amounts are in thousands of dollars]


Table 2.-Number of U.S. Corporation Returns and Number, Total Assets, Receipts, Earnings, Taxes, and Distributions of Controlled Foreign Corporations, by Selected Country of Incorporation and Taxes as a Percentage of Earnings and Profits of Controlled Foreign Corporation-Continued
[All figures are estimates based on samples-money amounts are in thousands of dollars]


Footnotes at end of table.

Table 2.-Number of U.S. Corporation Returns and Number, Total Assets, Receipts, Earnings, Taxes, and Distributions of Controlled Foreign Corporations, by Selected Country of Incorporation and Taxes as a Percentage of Earnings and Profits of Controlled Foreign Corporation-Continued
[All figures are estimates based on samples-money amounts are in thousands of dollars]

| Selected country of incorporation and taxes ( + ) as a percent of current earnings and profits ( + ) |  | Controlled Foreign Corporations |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Number of foreign corporations | $\underset{\substack{\text { rotal } \\ \text { assets }}}{ }$ | Business receipts |  | Foreign corporations with current earnings before taxesber |  | Foreign toxes (nel) | Distributions |  |
|  |  |  |  |  |  | $\begin{gathered} \text { Current } \\ \text { earnings } \\ \text { and profits } \\ \text { beforere taxes } \end{gathered}$ | Foreign income (net) ( |  | Total | $\begin{gathered} \text { Out of } \\ \text { current } \\ \text { earnings } \\ \text { and profits } \end{gathered}$ |
| Other Western Hemisphere (continued) <br> The Bahamas All foreign corporations | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) |
|  | 14 | 260 | 7,524,769 | 34,951,662 | 322,780 | 395,921 | 43,968 | 43,511 | 159,694 | 75,924 |
| Foreign corporations with current earnings and profits ( + ) before taxes: |  |  |  |  |  |  |  |  |  |  |
| Total. | 93 | 134 | 7,059,362 | 33,166,411 | 395,921 | 395.921 | 43,968 | 43,968 | 102,723 | 75,924 |
| With taxes ( + ) as a percent of current earnings and profits $(+)$ before taxes: |  |  |  |  |  |  |  |  |  |  |
| Total.............. | 29 | 34 | $\begin{aligned} & 1,797,290 \\ & 200,176 \end{aligned}$ | $\begin{array}{r} 8,820,598 \\ 277,573 \end{array}$ | $\begin{array}{r} 180,974 \\ 41,462 \end{array}$ | $\begin{array}{r} 180,974 \\ .41,462 \end{array}$ | $\begin{array}{r} 45,220 \\ 1.47 \end{array}$ | $\begin{gathered} 45,220 \\ 1,471 \end{gathered}$ | $\begin{gathered} 55,726 \\ 6,264 \end{gathered}$ | 44,067 |
| Under 10 percent..... | $\ldots$ |  |  |  |  |  |  |  |  |  |
| 10 under 20 percent.. | $\cdots$ | $\cdots$ | ${ }^{-513.317}$ | $\cdots 118,856$ | * 38,029 | $\cdots 38,029$ | * 5 ,788 | $\cdots 5.788$ | $\cdots{ }^{-3,828}$ | ${ }^{*} 2,830$ |
| 30 40 under 40 0 percent.... | 11 | $\cdots 11$ | $\cdots 824,946$ | $\cdots 8,168,734$ | - 91,304 | $\cdots \times 1,304$ | * 32,449 | $\cdots 32.449$ | *44,433 | - 37,135 |
| 45 under 50 percent..... 50 under 60 | ${ }_{4}^{4}$ | ** ${ }_{4}$ | . 216.168 | $\begin{array}{r} 52,091 \\ \cdot{ }^{203,344} \end{array}$ | $\begin{array}{r} *, 010 \\ * 7,169 \\ - \end{array}$ | $\cdot \cdot 7,169$ | $\begin{array}{r} 1,404 \\ \cdots 4,108 \\ \hline \end{array}$ | $\begin{array}{r} 1,404 \\ * 4,108 \\ - \end{array}$ |  |  |
| 50 under 60 percent.. | $\stackrel{+}{6}$ |  | ${ }^{-4} 42.689$ |  |  |  |  |  | $\cdot{ }^{-} 500$ | * 500 |
| 80 under 100 percent. 100 percent or mor |  |  |  |  |  |  |  |  |  |  |
| With no foreign income taxes. | 74 | $*$ <br> 97 |  | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ |
| With foreign income taxes ( - ). | 3 | 3 | 69,429 | $\begin{array}{r} 24,276,810 \\ 69,003 \end{array}$ | 200,598 14,350 | $\begin{array}{r} 200,598 \\ 14,350 \end{array}$ | -1,252 | - $-1,252$ | 29,579 | $\begin{aligned} & 19,690 \\ & 12,168 \end{aligned}$ |
| Foreign corporations with current earnings | 36 | 53 |  | 1,776,365 | -73,141 |  |  |  | 17,416 |  |
| and profits deficit before taxes............... |  |  | 423,139 |  |  | - | - | -457 | 56,959 | - |
| Foreign corporations with no current earnings and profits ( + ) and ( - ) before taxes. | 6 | 74 | 42,268 | 8,886 | - | - | - |  |  | - |
| Bermuda |  |  |  |  |  |  |  | - | 12 |  |
| All foreign corporations .... | 498 | 821 | 14,131,863 | 21,525,395 | 1.427,284 | 1,566,404 | 52,097 | 51,859 |  | 191,796 |
| Foreign corporations with current earnings and profits ( + ) before taxes: |  |  |  |  |  |  |  |  | 372,378 |  |
| Total. | 367 | 528 | 12,168,998 | 17,581,384 | 1.566.404 | 1,566,404 | 52,037 | 52,037 | 298,888 | 191,796 |
| With taxes $(+)$ as a percent of current earnings and profits $(t)$ before taxes: |  |  |  |  |  |  |  |  |  |  |
| Total................................... | 754288634834 | 90 | 5,276,278 | 6,476.585 | 559,189 | 559,189 <br> 368,653 | 53,3636,897 | 53,363 | 108,98475,508 | 64,63450,208 |
| Under 10 percent..... |  | 10 | 3,058,924 | 3,479,143 | 368,653 |  |  |  |  |  |
| 10 under 20 percent... |  |  | 1,202,464 | 475,953 174,726 |  | 113,424 | 13,706 | 13,706 | 3,922 | 50,208 3,663 |
| 30 under 40 percent.... |  | 8 <br> 6 | 279,209 294,412 | $\begin{array}{r}174,726 \\ \hline 14.476 \\ \hline\end{array}$ | 24,041 <br> 13341 <br> 1 | 24,041 | 6,173 | 6,173 | 10,3616,725 | 1,699 |
| 40 under 45 percent............................... |  |  | 47,820 | -31,723 | 13,341 11,136 | 13,34 <br> 11,136 | 4,881 4,936 | 4,881 4.936 |  |  |
| 45 under 50 percent. |  | 4 | 303,648 | 2,176,842 | 11,621 | 11,621 | 5,335 | 5.335 | 75 | $\begin{array}{r}999 \\ \hline 74\end{array}$ |
| 50 under 60 percent. |  | 8 | 37,614 | 17,601 | 3,775 | 3,775 | 1,973 | 1,973 | 810 | 262 |
| 80 under 100 percent. |  | $* 4$ | * 16,769, | $\cdots 12,549$ | $\cdots{ }^{*} 4,368$ | $\begin{array}{r}\text { \% } \\ \times 4,368 \\ \hline\end{array}$ | - $\begin{array}{r}5,840 \\ \hline 3,622\end{array}$ | $\cdots 3,62{ }_{*}$ | 10,584. | 480 |
| 100 percent or more.. | - 331 |  |  |  |  | $\cdots 4,368$ | **3,622 |  | ** |  |
| With no foreign income taxes. |  | 433 | 6,828.249 | 11,073,206 | 985,902 | 985,902 | - | - | 165,729 | 114,566 |
| With foreign income taxes ( - ).... |  | 5 | 64,471 | 31,593 | 21,314 | 21,314 | -1,326 | -1,326 | 24,175 | 12.596 |
| Foreign corporations with current earnings and profits deficit before taxes. | 149 | 193 | 1,495,009 | 3,928,932 | -139,120 |  |  |  |  |  |
| Foreign corporations with no current earnings and profits $(+)$ and $(-)$ before taxes. | 83 | 100 | 467,857 | 15,080 | -139,120 | - | - | -177 | 73,490 | - |
| Netherlands Antilles |  |  |  |  |  |  |  |  |  |  |
| All foreign corporations ............. | 260 | 345 | 14,311,863 | 2,190,820 | 450,512 | 487,332 | 68,374 | 67,704 | 405,521 | 111,706 |
| Foreign corporations with current earnings and profits $(+)$ before taxes: |  |  |  |  |  |  |  |  |  |  |
| Total .......................................... | 176 | 215 | 13,581,876 | 2,028,424 | 487,332 | 487,332 | 68,374 | 68,374 | 401,645 | 111.706 |
| With taxes $(+)$ as a percent of current earnings and profits ( + ) before taxes: |  |  |  |  |  |  |  |  |  | 11,\%o |
| Total................................. | 142 | 170 | 12,912,862 | 1,971,687 | 464,600 | 464,600 | 68,481 |  |  |  |
| Under 10 percent..... | 59 29 | ${ }_{26}$ | 5,045,071 | 1,347,843 | 287,853 | 287,853 | 11,152 | 11,152 | 233,735 | 87,988 |
| 20 under 30 percent............................... | ${ }_{44}$ | 22 49 | $1,849,952$ <br> $2,213,631$ | 169,099 <br> 167,643 | 67,338 52,680 | 67,338 52,680 | 8,188 14,035 | $\begin{array}{r}8,188 \\ 14.035 \\ \hline 1\end{array}$ | 30,727 | 4,638 |
| 30 under 40 percent.............................. | * ${ }^{15}$ | * 16 | ${ }^{\cdot} \cdot 1,512,128$ | * 135,754 | - 26,424 | - ${ }_{\text {26,424 }}$ | -14,035 | - $14.8,035$ | -*93,942 | - ${ }^{6,8.868}$ |
| 40 under 45 percent......................... | - | . |  |  | 26,42. | 26,424 | -8,85. | -8,855 | -93,942 | - ${ }_{\text {, }}^{868}$ |
| 450 under 50 percent.......................... | $\cdots$ | $\cdots 14$ | ${ }^{*} 1,589,663$ | * 145,863 | $\cdots{ }^{*} 29,789$ | $\cdots 29,789$ | $\cdots{ }^{-21,374}$ | * 21,374 | * 16,478 | " 4,997 |
| 60 under 80 percent.............................. | $\cdot$ | $\cdots$ |  |  |  |  |  |  |  | \#. |
| 80 under 100 percent ............................ | * | $\cdots$ | $\cdots$ | .. | . | . | - | , | $\because$ | $\because$ |
| 100 percent or more ........................ | 3 | 3 | 702,417 | 5,485 | 516 | 516 | 4,877 | 4,877 | 624 | - |
| With no foreign income taxes... | 37 | 42 | 581,595 | 53,895 | 22,403 | 22,403 | - | - | 4,402 | 4,195 |
| With foreign income taxes ( - )........... | 3 | 3 | 87,418 | 2,842 | 329 | 329 | -108 | -108 | - | - |
| Foreign corporations with current earnings and proitits deficit before taxes. | 54 | 56 | 717,978 | 162,396 | -36,819 | - | - | -670 | 12 |  |
| Foreign corporations with no current earnings and profits $(+)$ and $(-)$ before taxes. | 64 | 74 | 12,009 | - | - | - | - | -670 | ${ }_{3}{ }^{12}$ |  |

Controlled Foreign Corporations, 1980
Table 2.-Number of U.s. Corporation Returns and Number, Total Assets, Receipts, Earnings, Taxes, and Distributions of Controlled Foreign Corporations, by Selected Country of Incorporation and Taxes as a Percentage of Earnings and Profits of Controlled Foreign Corporation-Continued


Footnotes at end of table.

Table 2.-Number of U.S. Corporation Returns and Number, Total Assets, Receipts, Earnings, Taxes, and Distributions of Controlled Foreign Corporations, by Selected Country of Incorporation and Taxes as a Percentage of Earnings and Profits of Controlled Foreign Corporation-Continued
$\stackrel{\text { [All figures are estimates based on samples-money amounts are in thousands of dollars] }}{ }$


Table 2.-Number of U.S. Corporation Returns and Number, Total Assets, Receipts, Earnings, Taxes, and Distributions of Controlled Foreign Corporations, by Selected Country of Incorporation and Taxes as a Percentage of Earnings and Profits of Controlled Foreign Corporation-Continued


[^10]Table 2.-Number of U.S. Corporation Returns and Number, Total Assets, Recelpts, Earnings, Taxes, and Distributions of Controlled Foreign Corporations, by Selected Country of Incorporation and Taxes as a Percentage of Earnings and Profits of Controlled Foreign Corporation-Continued
[All figures are estimates based on samples-money amounts are in thousands of doliars]


Table 2.-Number of U.S. Corporation Returns and Number, Total Assets, Receipts, Earnings, Taxes, and Distributions of Controlled Foreign Corporations, by Selected Country of Incorporation and Taxes as a Percentage of Earnings and Profits of Controlled Foreign Corporation-Continued
[All figures are estimates based on samples-money amounts are in thousands of dollars]


Footnotes at end of table.

Table 2.-Number of U.S. Corporation Returns and Number, Total Assets, Receipts, Earnings, Taxes, and Distributions of Controlled Foreign Corporations, by Selected Country of Incorporation and Taxes as a Percentage of Earnings and Profits of Controlled Foreign Corporation-Continued
[All figures are estimates based on samples-money amounts are in thousands of dollars]


[^11]Table 2.-Number of U.S. Corporation Returns and Number, Total Assets, Receipts, Earnings, Taxes, and Distributions of Controlled Foreign Corporations, by Selected Country of Incorporation and Taxes as a Percentage of Earnings and Profits of Controlled Foreign Corporation-Continued


[^12]Table 2.-Number of U.S. Corporation Returns and Number, Total Assets, Receipts, Earnings, Taxes, and Distributions of Controlled Foreign Corporations, by Selected Country of Incorporation and Taxes as a Percentage of Earnings and Profits of Controlled Foreign Corporation-Continued
[All figures are estimates based on samptes-money amounts are in thousands of dollars]

"Estimate should be used with caution because of small number of sample returns on which it was based.
".Data deleted to avoid disclosure of information to specific corporations
(') Less than $\$ 500$.
Note: Detail may not add to total because of rounding.

## Crude Oil Windfall Profit Tax for 1983

By Michael Alexander*

The Congress designated the windfall profit tax to be temporary, with a 33 -month gradual phaseout. This phaseout will begin in January 1988, if $\$ 212$ billion in net revenue (see Definitions) has been realized, but not later than January 1991. The total reported windfall profit tax liability for fiscal years 1980 through 1983 amounted to $\$ 61$ billion. Refunded overpayments, government royalty interests and estimated reductions in income tax resulting from the deductibility of windfall profit tax accounted for a negative $\$ 28$ billion.

The net revenue, or net budget effect as shown in the following table, for the first 4 fiscal years of the windfall profit tax is
estimated at $\$ 33.3$ billion. In the midsession review of the President's Fiscal Year 1985 Budget, another $\$ 19.8$ billion in net revenue was projected for fiscal years 1984 through 1989, bringing the total net revenue projected through fiscal year 1989 to $\$ 53.1$ billion. Since the net revenue receipts from the windfall profit tax will fall far short of the targeted $\$ 212$ billion, the tax will most likely begin its phaseout in January 1991. The target amount of $\$ 212$ billion was the result of using projected oil prices which, as it turned out, were well above the actual prices. Actual prices have been falling for the past several years.

Estimated Windfall Profit Tax Receipts for Fiscal Years 1980-1983
[Millions of dollars]

|  |
| :---: | :---: | :---: | :---: | :---: | :---: |

Source: Crude 0il Windfall Profit Tax Annual Report to Congress on Net Receipts, Office of the Secretary of the Treasury, Office of Tax Analysis.

Windfall profit tax liability for the fourth quarter of 1983, after adjustments, was $\$ 2.3$ billion. This was the 11 th consecutive quarter that windfall profit tax after adjustments has declined. The total windfall profit tax after adjustments reported since the enactment of the Crude Oil Windfall Profit Tax Act amounted to more than $\$ 63$ billion through December 1983. Of this total, $\$ 10$ billion was reported for 1980, $\$ 26$ billion for 1981, $\$ 17$ billion for 1982 and $\$ 11$ billion for 1983 (Figure A). The sharp increase in 1981 was largely due to the full decontrol of oil prices in January 1981 and the fact that the law had been in effect for only 10 months of 1980. The decrease in 1982 and 1983 can be attributed to lower removal prices and windfall profit, and to tax law changes.

The" windfall profit tax reported for 1981, an increase of 162 percent from 1980, accounted for 41 percent of the total windfall profit tax liability during the 4 -year period (Figure B). The full decontrol of oil prices in January

1981 caused the removal price (generally the price for which the oil is sold) to increase, which resulted in a quarterly tax liability after adjustments at a high of $\$ 7.2$ billion in the first quarter of 1981.

The continuing decline of windfall profit tax since the first quarter of 1981 could be attributed to a combination of decreased windfall profit as a result of declining removal prices and rising adjusted base prices, plus state severance taxes and tax law changes. Windfall profit, defined as the removal value less the sum of the adjusted base value and state severance tax adjustment, has declined by more than 61 percent from a high of $\$ 11.9$ billion in June 1981 to $\$ 4.6$ billion for the quarter ending December 1983 (Figure C).

Since June 1981, when the average removal price for domestic crude oil was at its height, the removal price has fallen by more than 21 percent from $\$ 33.09$ to $\$ 26.04$ per barrel for the current quarter (Figure D). The downward

Figure A
Components 1 of Windfall Profit Tax Liability After Adjustments: Aggregate Values by Year Oil Removed

Billions of Doilars


Figure B

## WIndfall Profit Tax Liability by Year March 1, 1980 Through December 31, 1983


trend in the removal price began in early 1981 because of a decrease in U.S. demand for oil and gasoline, a result of a sluggish economy and increased conservation efforts. The declining prices continued through 1983, primarily because of an abundant supply of foreign crude oil relative to worldwide demand, which created a downward force on removal prices for U.S. domestic crude oil.

The sum of the adjusted base price and the state severance tax adjustment rose 19 percent from $\$ 16.26$ per barrel for the quarter ending December 1980 to $\$ 19.33$ for the current quarter. The adjusted base price increased chiefly as a result of an inflation adjustment derived from the Gross National Product (GNP) "implicit price deflator" [1].

Three major tax law changes resulting from the Economic Recovery Act of 1981 (ERTA) contributed to the decline in the windfall profit tax for oil removed after 1981. The tax rate for newly discovered oil was reduced from 30 percent in 1981 to 27.5 percent in 1982 and 25 percent in 1983. Another tax law change replaced the royalty owners tax credit with a more liberal exemption from the windfall profit tax for specified amounts of royalty production. Previously, a $\$ 2,500$ credit for windfall profit tax paid by royalty holders ( $\$ 1,000$ for 1980) was allowed. The new law provided a two barrel

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

Billions of Dollars

'Some returns report windfall profit tax liability only; therefore, data for removal value, adjusted base value and state severance tax adjustment have been adjusted to reflect totals as if all returns reported this detail.
${ }^{2}$ One month onily.

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


NOTE Because of price controls during 1980 , there were cases where the removal price was less thanthe
adjusted base price and no Form 6047 was fled, The data in the figure are based on intormation reported
One month only
per day exemption for qualified royalty owners. Almost 34 million barrels of oil were "certified" as exempt royalty oil in 1982 and 48 million barrels in 1983. The actual amount of exempt royalty production may be substantially greater because some royalty owners pay the tax on exempt oil and subsequently claim an income tax refund for the overpayment. The amount of taxable oil was further reduced in 1983 by the establishment of exempt stripper oil for independent producers beginning in 1983. More than 116 million barrels of stripper oil were claimed for the exemption for 1983.

The following table is a summary, by quarter, of tax liability before and after adjustments since the tax went into effect in 1980. The adjustments were necessary because of errors by withholding agents during previous quarters or, more frequently, reflect the application of the net income limitation. The net income limita-
tion adjustment amounted to $-\$ 316$ million, and adjustments to previous quarters were approximately $-\$ 149$ million, for a total adjustment of - $\$ 465$ million for the quarter ending December 1983.

The net income limitation generates an adjustment because this provision limits the windfall profit to 90 percent of the net income per barrel of oil and can be estimated by certain taxpayers for the current quarter. The adjustments to the previous quarter include under- or over-withholding from previous quarters that the depositing or withholding agent (usually the first purchaser) corrects by adjusting the amounts withheld in succeeding quarters. Producers can claim as a refund or a credit on their income tax returns additional over-withholding of windfall profit tax, due to error or the net income limitation that has not been corrected by the withholding agent.

| Windfall Profit Tax Before and After Adjustments (Millions of Dollars) |  |  |  |
| :---: | :---: | :---: | :---: |
| Quarter Ending | Tax Before Adjustments | Total Adjustments | Tax After Adjustments |
| Total | \$67,696 | -\$4,405 | \$63,291 |
| Mar. $1980{ }^{-1}$ | 788 | - | 788 |
| June 1980 | 2,842 | -21 | 2,821 |
| Sept. 1980 | 3,413 | -88 | 3,325 |
| Dec. 1980 | 3,918 | -927 | 2,991 |
| Mar. 1981 | 6,953 | +242 | 7,195 |
| June 1981 | 7,253 | -107 | 7,146 |
| Sept. 1981 | 6,344 | -251 | 6,093 |
| Dec. 1981 | 6,007 | -497 | 5,510 |
| Mar. 1982 | 5,222 | -221 | 5,001 |
| June 1982 | 4,283 | -295 | 3,988 |
| Sept. 1982 | 4,404 | -445 | 3,959 |
| Dec. 1982 | 4,440 | -634 | 3,806 |
| Mar. 1983 | 3,320 | -193 | 3,127 |
| June 1983 | 2,951 | -203 | 2,748 |
| Sept. 1983 | 2,822 | -300 | 2,522 |
| Dec. 1983 | 2,736 | -465 | 2,271 |

${ }^{1}$ One month only.

Percent of Taxable 0il Production by Tier of 0il

| Quarter <br> Ending | Tier One | $\begin{aligned} & \text { Tier } \\ & \text { Two } \end{aligned}$ | Tier Three |
| :---: | :---: | :---: | :---: |
| Mar. 1980 | 53\% | 24\% | 23\% |
| June 1980 | 52 | 29 | 19 |
| Sept. 1980 | 54 | 26 | 20 |
| Dec. 1980 | 53 | 25 | 22 |
| Mar. 1981 | 73 | 13 | 24 |
| June 1981 | 70 | 14 | 16 |
| Sept. 1981 | 69 | 14 | 17 |
| Dec. 1981 | 69 | 13 | 18 |
| Mar. 1982 | 68 | 13 | 19 |
| June 1982 | 67 | 13 | 20 |
| Sept. 1982 | 65 | 13 | 22 |
| Dec. 1982 | 65 | 12 | 23 |
| Mar. 1983 | 68 | 9 | 23 |
| June 1983 | 63 | 8 | 29 |
| Sept. 1983 | 66 | 9 | 25 |
| Dec. 1983 | 66 | 8 | 26 |

Based on returns of taxpayers who provided complete detail on windfall profit tax computation [2], tier one oil continued to dominate production for the quarter ended December 1983. Tier one oil (all domestically produced crude oil other than oil specifically classified as tier two or tier three, or oil explicitly exempted from the tax) represented 66 percent of total production. Tier two oil, which represented 8 percent of total production, is
oil produced from stripper well property not qualifying for the stripper exemption and oil from economic interests in a Naval Petroleum Reserve held by the United States. Tier three oil, which is heavy oil, incremental tertiary oil and newly discovered oil (63 percent of tier three), accounted for 26 percent of total production. Tier three oil, which is generally taxed at a rate lower than tier one oil, has accounted for a steadily increasing percentage of total production.

## DATA SOURCES AND LIMITATIONS

The windfall profit tax is reported on the Quarterly Federal Excise Tax Return, Form 720. Form 6047, Windfall Profit Tax, shows how the tax is computed and is filed as an attachment to Form 720. Tabulations in this article are based on the Form 6047. Returns are due two months after the end of the quarter in which the oil is removed. Data are based on all returns with a tax liability of $\$ 1$ million or more before adjustments and a 10 -percent sample of all other returns.

Sampling and nonsampling errors were controlled by a variety of methods. Although efforts were made to secure missing returns, some returns may have been omitted because of time and resource constraints. Attempts were made to correct imbalances in taxpayer entries for the components of windfall profit; if this proved impossible, an out-of-balance return was treated as a return on which the components were not reported, and therefore only the liability for each tier was tabulated. However, to account for returns not reporting the tax computation detail, the components were adjusted using a factor derived from the relationship of the tax liability for those reporting all tax computation detail to the total reported windfall profit tax liability. A number of verification checks were performed at all stages of manual data abstraction and computer tabulation.

The Statistics of Income Bulletin also includes data on excise tax collections. The excise tax collection figures show the liability after adjustments, as reported on Form 720, from returns entered into the IRS computerized Business Master File (BMF) each quarter. A number of considerations affect comparisons of data from these two sources. Returns are not due until 2 months after the close of the taxable quarter; however, the interval between the close of the taxable period and the final recording of the return often varies, so that the quarterly BMF totals usually represent several taxable periods. On the other hand, the data presented here have been tabulated for specific taxable periods. As a result, the two sets of statistics are not directly comparable.

## DEFINITIONS

Brief definitions of the terms used in the tables are given.

Adjusted Base Price.--The base price multiplied by the inflation adjustment, which is derived from the Gross National Product (GNP) "implicit price deflator."

Adjustments to Liability.--Corrections applied to the current quarter's liability to correct for the net income limitation and over- and undér-withholding in previous quarters.

Base Price.--For tier one oil, the upper tier ceiling price, as defined by Department of Energy price control regulations, which would have applied to the oil had it been produced and sold in May 1979, reduced by 21 cents. For tiers two and three oil, the base prices. were $\$ 15.20$ and $\$ 16.55$, respectively, adjusted for grade and quality.

Crude 0il.--The term applies only to natural crude petroleum and does not include synthetic petroleum, such as oil from shale or tar sands. It, does, however, include natural gas liquids treated as crude oil under the June 1979 energy pricing regulations issued by the Department of Energy.

Deposit Requirements.--The timing of any first, purchaser to deposit amounts withheld depends on the identity of the first purchaser. Major refiners, other than independent refiners, are required to make semimonthly deposits of the withholding tax. All other first purchasers are required to make withholding deposits no later than 45 days after the oil is removed from the premises, except independent refiners that purchase oil under delayed payments contracts. They are required to make deposits by the first day of the third month beginning after the month of removal.

Exempt Alaskan 0il.--0il from a reservoir other than the Sadlerochit reservoir that has been commercially exploited by any well north of the Arctic Circle; and oil produced north of the divides of the Alaska and Aleutian Ranges, and at least 75 miles from the nearest point of the Trans-Alaskan Pipeline System.

Exempt Charitable 0il.--0il produced from economic intorests held by qualified charitable medical facilities, educational institutions, and child care organizations (as defined in Internal. Revenue Code section 170), if such interest was held. on January 21, 1980, and at all times thereafter; and oil produced from interests held by a church on January 21, 1980, if, before January 22, 1980, the net proceeds of such oil were dedicated to the support of a medical facility, educational institution, or child care facility.

Exempt Governmental 0il.--0il produced from an economic interest held by a state or a political subdivision (including agencies and instrumentalities), the net income from which is used for public purposes.

Exempt Indian 0il.--0il produced from mineral interests held by or on behalf of Indian tribes or individuals on January 21, 1980, which is one of the following: (a) production received by Indian tribes and individuals from Tribal Trust Lands (the title to such 1 and is held by the United States in trust for the tribes); (D) production from 1 and or mineral interests held by an. Indian tribe eligible for services provided to Indians by the Secretary of the Interior; or (c) oil, the proceeds from which are paid into the U.S. Treasury to the credit of tribal or native trust funds pursuant to law. This exemption also applies to production of any Alaskan Native Corporation prior to 1991, including wholly-owned subsidiaries of the native Indian corporation as clarified by IRS on September 3, 1982.

Exempt Royalty 0il.--Qualified royalty. owners are exempt from the windfall profit tax on two barrels of oil per day for each day of the calendar quarter for oil removed after December 31, 1981. For 1985 and thereafter, three barrels per day will be exempt.

Exempt Stripper 0il.--0il removed from stripper wells after 1982 may qualify for exemption from the windfall profit tax if the following conditions are met:

1 The oil must be removed from a stripper well property after 1982.
2 The oil must be produced by an independent producer.
3 The oil must be attributable to the independent producer's working interest in the property.
4 The stripper well property must not be a property transferred by a nonindependent producer on or after July 23, 1981.

Net Income Limitation.--The windfall profit on a barrel of oil may not exceed 90 percent of the net income attributable to the barrel.

Net Revenue.--This equals the gross, or excise tax (excluding that amount attributable to U.S. government interests), less the reduction of income tax resulting from taxpayers claiming deductions for windfall profit tax paid. Figures presented in this report are gross liabilities.

Removal Price.--Generally, the price for which a barrel of oil is sold. In some instances, a constructive sale price is used.

Sadlerochit 0il.--Crude oil production from the Sadlerochit reservoir in the Prudhoe Bay oil field in Alaska.

State
imposed
by a extraction of oil. The windfall profit is reduced by the amount by which the severance tax exceeds that which would have been imposed had the oil been valued at its adjusted base price.

Stripper 0il.--In general, oil from a property for which the average daily production per well has been 10 barrels or less for any consecutive 12-month period after 1972.

Tier One 0il.--All domestically produced crude oil other than any oil classified in tier two or three, or explicitly exempted by law from the tax. This includes the bulk of domestic oil from reservoirs proven to be productive before 1979.

Tier Two 0il.--Any oil from a stripper well property within the meaning of the June 1979 Department of Energy pricing regulations and oil from a U.S. economic interest in a Naval Petroleum Reserve. Note that the Crude 0il Windfall Profit Tax Act of 1980 defined tier two oil as from a "National" Petroleum Reserve. This was amended to read "Naval" Petroleum Reserve by the Technical Corrections Act of 1982.

Tier Three Oil, Heavy Oil.--All crude oil (1) produced from property that had a weighted average gravity of 16.0 degrees or less on the American Petroleum Institute (API) scale, corrected to 60 degrees Fahrenheit, for the last month of production before July 1979, or (2) oil from a property with a weighted average gravity of 16.0 degrees API or less, corrected to 60 degrees Fahrenheit, for the taxable period.

Tier Three 0il, Incremental Tertiary 0il.-production in excess of a base level on a property on which a qualified tertiary recovery project (one using one of several specific chemical, fluid or gaseous recovery methods to extract oil not recoverable using standard techniques) has been undertaken. The nonincremental oil (i.e., the amount of production
up to the base level) remains in the otherwise applicable tier.

Tier Three 0il, Newly Discovered 0il.--Crude oil sold after May 31, 1979, and produced from (1) an outer continental shelf area for which the lease was entered into on or after January 1, 1979, and from which there was no production in Calendar Year 1978 or (2) an on-shore property developed after Calendar Year 1978.

Windfall Profit.--The excess of the removal price of the barrel of oil over the sum of the adjusted base price and the State severance tax adjustment.

## NOTES AND REFERENCES

[1] The inflation adjustment, calculated by the Internal Revenue Service, Research Division, is published quarterly in the Internal Revenue Bulletin. (See for exampTe Internal Revenue Bulletin 1984-11, dated March 12, 1984.)
[2] At the inception of the windfall profit tax (March 1980), taxpayers were not required to complete the detail of the Form 6047, which shows how the tax is computed. However, taxpayers have been required to provide full information as of January 1981.
[3] Joint Committee on Taxation (Staff), General Explanation of the Crude 0il Windfall Profit Tax Act of 1980, U.S. Government Printing office, 1981.
[4] See also Belal, Carol, and Clark, Phil, "Windfall Profit Tax Liability for 1980," Statistics of Income Bulletin, Fall 1981, pp. 50-54.
[5] See also Coleman, Michael, "Crude $0 i 1$ Windfall Profit Tax for 1981," Statistics of Income Bulletin, Fall 1982, pp. 4T-46.
[6] See also Alexander, Michael, "Crude $0 i l$ Windfall Profit Tax for 1982," Statistics of Income Bulletin, Fall 1983, pp. 35-40.

Table 1.--Windfall Profit Tax Liability by Oil Tier and Tax Rate for Quarter Ending December 1983 Aggregate Components of Windfall Profit
[Money amounts are in millions of dollars]

| Oil tier and tax rate | Number of barrels. of oil (000's) | Removal value | Adjusted base value | State severance tax adjus tment | Windfall profit | Tax <br> liability before adjus tments |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | (1) | (2) | (3) | (4) | (5) | (6) |
| Returns with tax liability shown by oil tier and tax rate, total | 627,917 | 16,354 | 11,943 | 198 | 4,213 | 2,508 |
| Tier one, other than Sadlerochit oil: <br> Taxed at 70 .percent ................. <br> Taxed at 50 percent ................... | 267,092 22,505 | 7,520 652 | 4,522 385 | 113 16 | 2,885 251 | 1,964 124 |
| Tier one, Sadlerochit oil: Taxed at 70 percent... Taxed at 50 percent ... | 119,642 | 2,096 | 2,013 | 13 | 70 | 49 |
| Tier two oil: <br> Taxed at 60 percent | 49,361 | 1,394 | 993 | 17 | 384 | 208 |
| Taxed at 30 percent. | 3,979 | 115 | 78 | 2 | 35 | 11 |
| Tier three oil (taxed at 30 percent): Newly discovered oil ${ }^{1}$ | 103,939 | 3,059 | 2,598 | 29 | 432 | 104 |
| Incremental tertiary oil | 30,878 | 884 | 747 | 7 | 130 | 39 |
| -- Heavy oil. | 30,520 | 634 | 606 | $\left({ }^{2}\right)$ | 28 | 9 |
| Returns with total tax liability only | - | - | - | - | - | $228{ }^{3}$ |

${ }^{1}$ Newly discovered oil is taxed at 25.0 percent beginning in 1983.
${ }^{2}$ Less than $\$ 500 ; 000$.
${ }^{3}$ Also includes $\$ 6$ million for returns that reported by tier and type, but did not report data for columns 1-5. NOTE: Detail may not add to total because of rounding.

Table 2. - Windfall Profit Tax Liability for Returns Reporting Components of Windfall Profit by Oil Tier and Tax Rate for the Quarter Ending December 1983 Average Daily Production and Average Dollars per Barrel

| Oil tier and tax rate | Daily production . (000's) (barrels) | Removal price | Adjusted base price | State severance tax adjus tment | Windfall profit | Tax <br> liability before adjustments |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | (1) | (2) | (3) | (4) | (5) | (6) |
| All returns, total | 6,825 | 26.04 | 19.02 | . 31 | 6.71 | 3.99 |
| Tier one, other than Sadlerochit oil: <br> Taxed at 70 percent ................. <br> Taxed at 50 percent .................... | 2,903 245 | 28.15 28.96 | 16.93 17.10 | .42 .69 | 10.80 11.17 | 7.35 5.52 |
| Tier one, Sadlerochit oil: Taxed at 70 percent ... Taxed at 50 percent ... | 1,300 | 17.51 | 16.82 | . 11 | . 58 | . 41 |
| Tier two oil: <br> Taxed at 60 percent Taxed at 30 percent | 537 43 | 28.23 28.89 | 20.11 19.61 | .35 .43 | 7.77 8.85 | $\begin{aligned} & 4.20 \\ & 2.81 \end{aligned}$ |
| Tier three oil (taxed at 30 percent): Newly discovered oi ${ }^{1}$.............. | 1,130 | 29.43 | 24.99 | . 27 | 4.17 | . 99 |
| Incremental tertiary oil | 336 | 28.63 | 24.19 | . 23 | 4.21 | 1.26 |
| Heavy oil ........................ | 332 | 20.76 | 19.86 | . 01 | . 89 | . 27 |

[^13]Table 3.--Windfall Profit Tax Liability by Oil Tier and Tax Rate for January - December 1983 Aggregate Components of Windfall Profit
[Money amounts are in millions of dollars]

| Oil tier and tax rate | Number of barrels of oil (000's) | Removal value | Adjusted base value | State severance tax adjustment | Windfall profit | Tax <br> liability before adjustments |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | (1) | (2) | (3) | (4) | (5) | (6) |
| Returns with tax liability shown by oil tier and tax rate, total | 2,279,406 | 59,912 | 42,713 | 918 | 16,281 | 9,582 |
| Tier one, other than Sadlerochit oil: Taxed at 70 percent ................ Taxed at 50 percent ................... | $1,017,982$ 90,476 | 28,497 2,659 | 17,083 1,531 | 569 69 | 10,845 1,059 | 7,477 529 |
| Tier one, Sadlerochit oil: Taxed at 70 percent Taxed at 50 percent ... | 386,914 | 6,745 | 6,430 | 52 | 263 | 185 |
| Tier two oil: <br> Taxed at 60 percent | 183,044 | 5,219 | 3,653 | 67 | 1,499 | 822 |
| Taxed at 30 percent | 12,978 | 382 | 264 | 6 | 112 | 35 |
| Tier three oil (taxed at 30 percent): Newly discovered oil ${ }^{1}$ | 383,369 | 11,402 | 9,374 | 129 | 1,899 | 457 |
| Incremental tertiary oil | 90,124 | 2,632 | 2,154 | 25 | 453 | 133 |
| Heavy oil | 114,521 | 2,376 | 2,225 | 1 | 150 | 45 |
| Returns with total tax liability only . | - | - | - | - | - | $247^{2}$ |

${ }^{1}$ Newly discovered oil is taxed at 25.0 percent beginning in 1983.
${ }^{2}$ Also includes $\$ 48$ million for returns that reported by tier and type, but did not report data for columns 1-5. NOTE: Detail may not add to total because of rounding.

Table 4. -Windfall Profit Tax Liability for Returns Reporting Components of Windfall Profit by Oil Tier and Tax Rate for January - December 1983 Average Daily Production and Average Dollars per Barrel

| Oil tier and tax rate | Daily production (000's) (barrels) | Removal price | Adjusted base price | State severance tax adjustment | Windfall profit | Tax <br> liability before adjustments |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | (1) | (2) | (3) | (4) | (5) | (6) |
| All returns, total | 6,245 | 26.28 | 18.74 | . 40 | 7.14 | 4.25 |
| Tier one, other than Sadlerochit oil: <br> Taxed at 70 percent $\qquad$ <br> Taxed at 50 percent $\qquad$ | 2,789 248 | 27.99 29.39 | 16.78 | . 56 | 10.65 11.70 | 7.34 5.85 |
| Tier one, Sadlerochit oil: <br> Taxed at 70 percent .......................... <br> Taxed at 50 percent | 1,060 | 17.43 | 16.62 | . 13 | . 68 | . 48 |
| Tier two oil: <br> Taxed at 60 percent <br> Taxed at 30 percent................. | 501 36 | 28.51 29.43 | 19.96 20.34 | . 37 | 8.19 8.63 | 4.49 2.70 |
| Tier three oil (taxed at 30 percent): <br> Newly discovered oil ${ }^{1}$ | 1,050 | 29.74 | 24.45 | . 34 | 4.95 | 1.19 |
| Incremental tertiary oil ${ }^{\text {a }}$. ${ }^{\text {a }}$............... | , 247 | 29.20 | 23.90 | . 28 | 5.03 | 1.48 |
| Heavy oil ................................ | 314 | 20.75 | 19.43. | . 01 | 1.31 | . 39 |

[^14]Table 5.--Ex $x$ mpt 0il Volume by Tier and Category, Quarter Ending December 1983
[Thousands of-barrels]

| . . | Total | Tier one | Tier two | Tier three |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Newly discovered $0 i l$ | Incremental tertiary 011. | Heavy oil |
|  | (1) | (2) | (3) | (4) | (5) | (6) |
| Total | 78,024 | 19,275 | 41,075 | 16,294 | 802 | 578 |
| Exempt governmental interest | 17,549 | 13,449 | 789 | 2,535 | 379 | 398 |
| Exempt charitable interest | 952 | 448 | 282 | 109 | 101 | 12 |
| Exempt Indian oil | 1,666 | 412 | 1,059 | 170 | 17 | 9 |
| Exempt Alaskan oil | 7,639 | 48 | - | 7,590 | - | - |
| Exempt Royal.ty oil | 14,661 | 4,918 | 3,388 | 5,890 | 306 | 160 |
| Exempt Stripper oil | 35,557 | - | 35,557 | - | - | - |

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

Table-6.--Exempt-0il Volume by_Tier-and_Category, January -_December 1983
[Thousands of barrels]


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

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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 return 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, 1970-1982 [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: |  |  |  |  |  |  |
| All returns.. | 74,279,831 | 82,229,332 | 92,694,302 | 93,902,469 | 95,396,123 | 95,337,432 |
| Joint returns | 42,376,365 | 44,140,085 | 44,855,141 | 45,243,211 | 45,697,648 | 46,050,287 |
| Total gross income, amount | 639,357,791 | 962,886,872 | 1,490,173,014 | 1,642,345,558 | 1,804,046,591 | 1,917,022,530 |
| Salaries and wages: |  |  |  |  |  |  |
| Number of returns | 66,965,659 | 73,520,046 | 83,200,646 | 83,802,109 | 84,208,807 | 83,106,842 |
| Amount ... | 531,883,892 | 795,399,462 | 1,229,251,389 | 1,349,842,802 | 1,486,100,497 | 1,564,995,190 |
| Interest received: Number of returns | 32,630,355 | 40,378,240 | 47,885,069 | 49,019,575 | 49,656,550 ${ }^{1}$ | 52,841,721 |
| Amount | 22,021,267 | 43,433,554 | 73,875,462 | 102,009,444 | 140,559,366 ${ }^{1}$ | 157,021,475 |
| Taxable pensions and annuities: |  |  |  |  |  |  |
| Number of returns | 3,249,558 | 5,088,937 | 6,866,851 | 7,373,704 | 8,157,475 | 8,824,885 |
| Amount | 7,878,808 | 20,886,871 | 37,346,510 | 43,339,736 | 51,886,406 | 60,123,166 |
| Dividends: <br> No. of returns before | 12,452,227 | 13,370,427 | 13,969,453 | 14,640,139 |  | $.673$ |
| Amount ................ | 17,018,148 | 23,270,182 | 37,479,767 | 43,567,241 | 48,161,460 | 54,044,825 |
| No. of returns after exclusion | 7,729,939 | 8,853,491 | 9,881,105 | 10,738,982 | n.a. | 13,172,360 |
| Amount | 15,806,924 | 21,892,126 | 33,482,508 | 36,761,253 | n.a. | 52,142,410 |
| Net capital gain less loss: |  |  |  |  |  |  |
| Number of returns | 7,962,663 | 7,574,823 | 8,641,573 | 8,929,474 | 9,484,987 | 9,636,414 |
| Amount | 9,006,683 | 14,071,893 | 28,448,300 | 29,659,600 | 30,818,535 | 34,403,728 |
| Business net income (less loss): |  |  |  |  |  |  |
| Number of returns | 6,159,985 | 7,242,542 | 8,562,834 | 8,881,119 | 9,571,409 | 10,092,322 |
| Amount | 30,554,201 | 39,421,478 | 56,564,467 | 55,129,154 | 53,071,628 | 50,573,164 |
| Total adjustments: |  |  |  |  |  |  |
| Number of returns | 6,370,552 | 9,024,255 | 11,543,369 | 13,148,919 | 14,078,211 | 33,421,412 |
| Amount | 7,665,251 | 15,101,999 | 24,778,484 | 28,614,061 | 31,442,288 | 64,887,065 |
|  | $\begin{aligned} & N / A \\ & N / A \end{aligned}$ |  | N/A | N/A | N/A | 21,690,558 |
|  |  | N/A | N/A | N/A | N/A | 9,048,263 |
| Individual Retirement Arrangement: Number of returns |  |  |  |  |  |  |
|  | N/A | 1,211,794 | 2,451,955 | 2,564,421 | 3,415,053 | 12,010,038 |
| Amount . ..................... | N/A | 1,436,443 | 3,198,788 | 3,430,894 | 4,750,190 | 28,273,852 |
| Sel f-Employed Retirement (Keogh): |  |  |  |  |  |  |
| Number of returns | 591,655 | 595,892 | 590,189 | 568,936 | 557,038 | 559,011 |
| Amount | 847,692 | 1,603,788 | 2,029,300 | 2,007,666 | 2,011,947 | 2,482,594 |
| Exemptions: |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total number | 204,126,402 | 212,202,596 | 224,691,732 | 227,925,098 | 231,222,374 | 232,191,565 |
| Number, age 65 or over | 8,904,331 | 9,937,208 | 11,322,713 | 11,847,168 | 13,118,926 | 13,955,570 |
| Total amount ... | 127,531,204 | 159,140,845 | 223,891,529 | 227,569,280 | 231,119,115 | 232,142,140 |
| Total deductions: |  |  |  |  |  |  |
| Number of returns | 73,862,448 | 81,585,541 | 87,202,857 | 88,491,251 | 90,319,941 | 90,283,236 |
| Amount | 120,549,755 | 233,181,778 | 332,957,555 | 346,000,155 | 401,168,213 | 425,157,106 ${ }^{2}$ |
| Total itemized deductions: |  |  |  |  |  |  |
| Number of returns | 35,430,047 | 26,074,061 | 26,483,877 | 28,950,282 | 31,571,246 | 33,432,809 |
| Amount | 88,178,487 | 122,260,601 | 184,168,669 | 218,028,139 | 256,448,021 | 284,506,318 |
| Medical and dental ex | 10,585,749 | 11,422,312 | 12,915,626 | 14,972,082 | 17,878,680 | 21,705,262 |
| Taxes paid | 32,014,673 | 44,141,289 | 60,674,905 | 69,404,275 | 79,698,519 | 88,037,196 |
| Interest paid | 23,929,477 | 38,885,282 | 74,427,045 | 91,187,006 | 108,718,281 | 121,852,419 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| Number of returns Amount .......... | $59,593,598$ $401,154,285$ | $65,852,602$ $595,492,866$ | \% $86,932,978$ | 88,104,696 | 89,851,304 | 89,717,836 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| Amount | 84,156,695 ${ }^{3}$ | 132,452,044 | 220,099,516 | 256,294,315 | 293,590,035 | 283,931,862 |
| Total tax credits | 369,610 | 8,069,846 | 6,780,186 | 7,215,839 | 11,288,005 | 7,854,493 |
| General tax credit | N/A | 5,020,477 | , N/A | , N/A | 3,382,7114 | N/A |
| Inves tment credit | 30,554 | 1,593,150 | 3,313,836 | 3,288,415 | 3,971,199 | 4,139,897 |
| Foreign tax credit | 169,623 | 381,985 | 850,212 | 1,341,645 | 1,233,564 | 757,326 |
| Child care credit | 167 N/A | N/A | 793,143 | 956,439 | 1,147,907 | 1,501,453 |
| Credit for the elderly | 167,656 | 128,968 | 131,734 | 134,993 | 124,011 | 131,074 |
| Residential energy credit | N/A | N/A | 473,603. | 562,141 | 600,831 | 582,857 |
| Earned income credit | 787 N/A | 252,141 | 495,500 | 451,366 | 452,482 | 359,717 |
| Income tax after credits | 83,787,323 | 124,382,197 | 213,319,330 | 249,078,475 | 282,302,029 | 276,077,369 |
| Additional tax for tax preferences | 121,988 | 144,100 | 1,175,188 | 1,262,964 | 1,826,960 | 1,519,932 |
| Total income tax: . . . . . . . . , , |  |  |  |  |  |  |
| Number of returns Amount | 59,317,371 | 61,490,737 | 71,694,983 | 73,906,244 | 76,724,724 | 77,035,300 |
| Amount | 83,909,311 | 124,526,297 | 214,494,519 | 250,341,440 | 284,128,989 | 277,597,301 |
| Payment status: |  |  |  |  |  |  |
| Returns with payment due | 16,478,813 | 15,842,400 | 18,844,060 | 21,755,516 | 23,007,970 | 20,326,807 |
| Returns with refund due ..:.......... | 55,273,385 | 63,825,188 | 71,433,691 | 69,868,451 | 70,028,741 | 72,425,701 |

See notes following Table 13.

Table 2. - Individual Income and Tax Data by State and Region, 1980 and 1982 [All figures are estimates based on samples]

| State | 1980 |  |  |  | $1982^{1}$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number of returns ${ }^{2}$ | Adjusted gross income (\$000) | Income Tax |  | $\begin{aligned} & \text { Number } \\ & \text { of } \\ & \text { returns }{ }^{2} \end{aligned}$ | Adjusted gross income (\$000) | Income Tax |  |
|  |  |  | $\begin{gathered} \text { Total } \\ (\$ 000) \end{gathered}$ | Average ${ }^{3}$ (\$) |  |  | Total <br> (\$000) | Average (\$) |
|  | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
| United States, total ${ }^{4}$. | 93,902,469 | 1,613,731,497 | 250,341,440 | 3,387 | 95,337,432 | 1,852,135,405 | 277,597,290 | 3,604 |
| Alabama | 1,397,132 | 21,478,922 | 2,993,120 | 2,923 | 1,389,520 | 23,814,637 | 3,215,379 | 2,927 |
| Alaska | 1183,214 | 4,096,935 | 2,770,495 | 5,258 | , 225,374 | 5,724,633 | 1,061,385 | 5,'608 |
| Arizona | 1,113,274 | 18,297,827 | 2,597,397 | 3,031 | 1,166,958 | 21,472,442 | 2,944,043 | 3,179 |
| Arkansas | 812,491 | 11,272,836 | 1,515,512 | 2,598 | 818,008 | 12,801,328 | 1,715,450 | 2,687 |
| California Colorado cole | $10,347,246$ $1,296,849$ | $189,584,745$ $22,812,045$ | $28,731,981$ $3,544,984$ | 3,478 3,397 | $10,627,477$ $1,356,269$ | $\begin{array}{r}219,427,063 \\ 27,897 \\ \hline\end{array}$ | $31,873,895$ $4,263,095$ | 3,729 3,844 |
| Connecticut | 1,438,316 | 27,956,852 | 5,002,379 | 4,251 | 1,466,577 | 32,813,502 | 5,565,180 | 4,541 |
| Delaware | 253,759 | 4,627,551 | 745,043 | 3,682 | 259,346 | 5,256,507 | 787,992 | 3,723 |
| District of Columbia | 307,630 | 5,583,948 | 967,251 | 3,922 | 310,429 | 6,278,122 | 1,037,106 | 4,091 |
| Florida | 4,158,577 | 67,126,444 | 10,852,200 | 3,358 | 4,499,380 | 83,039,759 | 12,907,680 | 3,565 |
| Georgia | 2,130,647 | 33,037,292 | 4,657,125 | 2,888 | 2,190,895 | 39,234,368 | 5,433,835 | 3,100 |
| Hawaii | 424,177 | 7,320,740 | 1,043,741 | 3,149 | 443,969 | 8,266,617 | 1,111,898 | 3,105 |
| Idaho | 358,915 | 5,461,728 | 706,404 | 2,616 | 358,685 | 5,860,737 | 756,046 | 2,690 |
| Illinois | 4,833,700 | 90,054,783 | 15,221,014 | 3,906 | 4,744,853 | 97,684,733 | 15,576,481 | 4,039 |
| Indiana | 2,202,492 | 37,209,694 | 5,862,416 | 3,405 | 2,164,265 | 39,984,323 | 5,913,728 | 3,414 |
| I owa | 1,189,316 | 19,847,193 | 2,921,284 | 3,165 | 1,161,328 | 20,625,407 | 3,029,452 | 3,238 |
| Kansas | 995,792 | 16,982,757 | 2,652,576 | 3,429 | 994,045 | 19,102,380 | 2,971,115 | 3,658 |
| Kentucky | 1,305,719 | 19,889,309 | 2,860,438 | 2,838 | 1,307,561 | 22,651,744 | 3,196,125 | 3,083 |
| Louisiana | 1,575,442 | 26,504,653 | 4,354,431 | 3,561 | 1,629,459 | 31,998,251 | 5,106,220 | 3,932 |
| Maine | 460,932 | 6,361,432 | 839,885 | 2,415 | 463,873 | 7,396,239 | 962,295 | 2,616 |
| Maryland | 1,875,660 | 34,499,721 | 5,387,424 | 3,588 | 1,897,632 | 40,662,278 | 6,087,444 | 3,877 |
| Massachuse | 2,538,270 | 43,123,948 | 6,715,511 | 3,306 | 2,576,063 | 51,224,300 | 7,850,047 | 3,686 |
| Michigan | 3,665,336 | 66,797,050 | 10,418,234 | 3,627 | 3,526,172 | 70,588,591 | 10,271,107 | 3,634 |
| Minnesota | 1,738,205 | 29,683,060 | 4,372,841 | 3,257 | 1,713,421 | 32,893,015 | 4,557,952 | 3,274 |
| Mississippi | 860,654 | 11,988,888 | 1,608,497 | 2,632 | 861,622 | 13,530,929 | 1,825,235 | 2,786 |
| Missouri | 1,976,184 | 32,188,452 | 4,909,363 | 3,196 | 1,973,453 | 36,542,234 | 5,477,439 | 3,440 |
| Montana | 331,423 | 4,998,061 | 697,044 | 2,841 | 335,223 | 5,424,566 | 773,100 | 2,984 |
| Nebraska | 661,985 | 10,473,626 | 1,500,101 | 3,007 | 660,387 | 11,348,687 | 1,664,935 | 3,121 |
| Nevada | 393,931 | 6,786,431 | 1,103,441 | 3,378 | 405,003 | 7,801,889 | 1,206,118 | 3,665 |
| New Hampshire | 412,482 | 6,751,857 | 1,019,017 | 2,955 | 423,600 | 7,976,557 | 1,187,607 | 3,419 |
| New Jersey | 3,354,753 | 62,909,704 | 10,389,950 | 3,760 | 3,493,939 | 75,061,268 | 11,993,693 | 4,098 |
| New Mexico | 518,221 | 7,764,293 | 1,092,667 | 2,930 | 543,829 | 9,285,126 | 1,313,746 | 3,151 |
| New York | 7,157,005 | 129,526,287 | 20,139,212 | 3,496 | 7,208,004 | 151,962,785 | 23,048,397 | 3,852 |
| North Carolina | 2,339,466 | 34,490,419 | 4,720,993 | 2,651 | 2,372,880 | 40,013,158 | 5,287,682 | 2,780 |
| North Dakota | 270,773 | 3,979,672 | 561,835 | 2,758 | 278,858 | 4,663,816 | 702,527 | 3,118 |
| Ohio | 4,481,348 | 76,444,637 | 12,047,279 | 3,316 | 4,343,283 | 82,803,052 | 12,209,794 | 3,473 |
| Oklahoma | 1,186,369 | 19,966,388 | 3,142,204 | 3,387 | 1,279,435 | 25,431,657 | 4,045,313 | 3,905 |
| Oregon | 1,128,676 | 18,534,535 | 2,660,962 | 3,022 | 1,081,659 | 19,202,352 | 2,559,900 | 3,003 |
| Pennsylvania | 4,844,637 | 81,173,150 | 12,647,123 | 3,264 | 4,856,168 | 91,125,274 | 13,585,728 | 3,446 |
| Rhode Island | 406,989 | 6,396,560 | 959,951 | 2,960 | 407,445 | 7,263,985 | 1,015,459 | 3,069 |
| South Carolina | 1,183,782 | 17,339,729 | 2,263,462 | 2,479 | 1,199,188 | 19,956,082 | 2,548,665 | 2,690 |
| South Dakota | 277,999 | 3,732,619 | 207,494 | 2,778 | 276,780 | 3,845,546 | 552,435 | 2,583 ${ }^{5}$ |
| Tennessee | 1,761,757 | 26,596,829 | 3,892,150 | 2,976 | 1,774,802 | 30,170,139 | 4,311,319 | 3,073 |
| Texas | 5,844,966 | 103,953,686 | 17,914,779 | 3,896 | 6,265,743 | 129,674,346 | 21,969,829 | 4,345 |
| Utah | 539,149 | 8,749,569 | 1,109,253 | 2,734 | 554,682 | 10,357,851 | 1,282,952 | 2,927 |
| Vermont | 210,066 | 3,041,963 | 410,576 | 2,469 | 213,930 | 3,406,291 | 462,681 | 2,689 |
| Virginia | 2,227,154 | 38,794,066 | 5,941,511 | 3,351 | 2,269,504 | 45,864,819 | 6,711,498 | 3,589 |
| Washington | 1,789,302 | 32,732,130 | 5,410,251 | 3,697 | 1,777,471 | 35,811,926 | 5,486,773 | 3,804 |
| West Virginia | 674,367 | 10,895,660 | 1,667,520 | 3,186 | 663,858 | 12,169,074 | 1,775,950 | 3,331 |
| Wisconsin | 1,968,908 | 32,756,618 | 4,644,436 | 3,042 | 1,936,117 | 35,561,896 | 4,874,712 | 3,139 |
| Wyoming ............... | 210,414 | 3,949,099 | 678,650 | 4,071 | 213,270 | 4,369,704 | 723,725 | 4,192 |
| IRS Region |  |  |  |  |  |  |  |  |
| Central | 12,329,262 | 211,236,350 | 32,855,887 | 3,367 | 12,005,139 | 228,196,784 | 33,366,704 | 3,460 |
| Mid-Atlantic | 12,863,593 | 227,588,140 | 36,078,302 | 3,482 | 13,463,478 | 269,060,648 | 41,008,589 | 3,732 |
| Midwest | 12,917,070 | 222,716,023 | 34,638,368 | 3,426 | 12,745, 197 | 243,165,334 | 36,435,933 | 3,536 |
| North Atlantic | 12,624,060 | 223,158,899 | 35,086,531 | 3,456 | 12,759,492 | 262,043,659 | 40,091,666 | 3,797 |
| Southeast | 13,832,015 | 212,058,523 | 30,987,547 | 2,956 | 14,287,567 | 249,759,072 | 35,529,795 | 3,122 |
| Southwest | 12,440,544 | 213,205,757 | 34,895,803 | 3,602 | 13,100,058 | 260,559,832 | 42,108,493 | 3,995 |
| Western | 16,609,307 | 296,562,701 | 44,830,969 | 3,400 | 16,976,501 | 339,350,076 | 49,056,110 | 3,601 |

Table 3. - Number of Individual Returns, Income, Tax and Average Tax by Size of Adjusted Gross Income, Tax Years 1979-1982 [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 1979 and 1980.
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 1979-1982
[All figures are estimates based on samples - money amounts are in thousands of dollars]

| Size of adjusted gross income | Number of returns filed |  | Total adjusted gross income |  |  | Taxable income |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1981 | 1982 | 1981 |  | 1982 |  | 981 | 1982 |
|  | (1) | (2) | (3) |  | (4) |  | 5) | (6) |
| Total | 95,396,123 | 95,337,432 | 1,772,604,303 |  | 1,852,135,465 | 1,410,880,665 |  | 1,473,348,899 |
| Less than \$1000 | 3,484,734 | 3,412,105 | -16,952,842 |  | $\begin{array}{r} -22,324,833 \\ 15,122,101 \end{array}$ | $\begin{array}{r} 7,084 \\ 706410 \end{array}$ |  | 6,29,646 |
| \$1,000 under \$3,000 | 7,855,771 | 7,573,825 | 15,691,845 |  |  | $7,064,102$ |  |  |
| \$3,000 under \$5,000 | 7,405,871 | 6,966,104 | 29,580,649 |  | $\begin{aligned} & 15,122,101 \\ & 27,925,256 \end{aligned}$ | $17,994,684$ |  | $17,168,389$$26,709,472$ |
| \$5,000 under \$7,000 | 7,251,941 | 6,682,490 | 43,446,800 |  | 39,885,078 | 29,153,117 |  |  |
| \$7,000 under \$9,000 | 7,066,520 | 7,176,962 | 56,341,030 |  | 57,512,193 | 40,597, 471 |  | 40,904,714 |
| \$9,000 under $\$ 11,000 \ldots . . .$. | 6,514,144 | 6,421,665 | 65,051,373 |  | 64,229,520 | 49,147,621 |  | 47,995,843 |
| \$11,000 under \$13,000 | 5,821,233 | 5,651,414 | 69,702,815 |  | 67,793,416 | 54,207,411 |  | 52,526,932 |
| \$13,000 under \$15,000 | 5,190,200 | 5,414,103 | 72,548,282 |  | 75,702,223 |  |  | 59,652,891 |
| \$15,000 under \$17,000 ........ | 4,648,986 | 4,734,479 | 74,256,678 |  | 75,594,637 | $57,705,230$$59,486,499$ |  | 60,951,455 |
| \$17,000 under \$19,000 ........ . | 4,291,557 | 3,964,008 | 77,161,287 |  | 71,295,728 | $59,486,499$$62,056,343$ |  | 57,689,594 |
| \$19,000 under $\$ 22,000 \ldots . . . .$. | 5,967,094 | 5,365,925 | 122,157,450 |  | 109,806,080 | $62,056,343$$98,703,455$ |  | $\begin{array}{r} 88,855,846 \\ 100,054,304 \end{array}$ |
| \$22,000 under $\$ 25,000 \ldots . . .$. | 5,207,693 | 5,273,703 | 122,181,884 |  | 123,853,268 | $98,703,455$$98,956,187$ |  |  |
| \$25,000 under \$30,000 | 7,205,282 | 7,621,965 | 197,424,953 |  | 209,572,367 | 159,682,521 |  |  |
| \$30,000 under \$35,000 | 5,294,687 | 5,646,966 | 171,601,299 |  | 182,644,120 | 138,893,019 |  | $146,947,632$ |
| \$35,000 under \$40,000 . . . . . . . . | 3,910,649 | 4,215,650 | 145,814,841 |  | 157,391,914 | 118,288,891 |  | 126,471,828 |
| \$40,000 under \$50,000 ........ . | 4,182,389 | 4,716,532 | 185,322,655 |  | 208,952,374 | $\begin{aligned} & 149,273,745 \\ & 131,174,316 \end{aligned}$ |  | 166,018,176 |
| \$50,000 under \$75,000 . . . . . . . . | 2,796,836 | 3,057,266 | 164,256,670 |  | 179,566,469 |  |  | 141,376,967 |
| \$75,000 under \$100,000. | 645,884 | 702,064 | 55,099,048 |  | 59,748,095 | 43,524,621 |  | 46,720,423 |
| \$100,000 under \$150,000 ....... | 398,479 | 432,757 | 47,552,689 |  | 51,674,638 | 37,510,693 |  | 40,228,978 |
| \$150,000 under \$200,000 ....... | 118,037 | 138,082 | 20,164,437 |  | 23,616,649 |  |  |  |
| \$200,000 under \$300,000 | 80,945 | 93,033 | 19,350,168 |  | 22,323,087 | $15,842,213$$15,230,276$ |  | $\begin{aligned} & 18,710,797 \\ & 17.807,227 \end{aligned}$ |
| \$300,000 under \$500,000 | 37,147 | 47,245 | 13,906,555 |  | 17,650,665 | 10,788,043 |  | $\begin{aligned} & 17,807,227 \\ & 14,153,358 \end{aligned}$ |
| \$ $\$ 500,000$ under $\$ 1,000,000$ | 14,758 5,286 | 20,681 8,408 |  |  | $13,830,843$ $18,769,578$ | $\begin{aligned} & 7,416,993 \\ & 8,168,130 \end{aligned}$ |  | $\begin{aligned} & 14,153,358 \\ & 11,042,159 \\ & 14,888,860 \end{aligned}$ |
| Size of adjusted gross income | Total income tax ${ }^{1}$ |  | Percent of filers with no income tax liability |  | Filers with income tax liability |  |  |  |
|  |  |  | Average tax (whole dollars) | Tax as percent of adj. gross inc. |  |  |  |  |
|  | 1981 | 1982 |  |  | 1981 | 1982 | 1981 | 1982 | 1981 | 1982 |
|  | (7) | (8) | (9) | (10) | (11) | (12) | (13) | (14) |
| Total | 284,128,989 | 277,597,301 | 19.6 | 19.2 | 3,703 | 3,604 | 16.5 | 15.4 |
| Less than \$1,000 $\ldots$ | 137,840 | 130,288 | 99.5 | 99.6 | 8,626 ${ }^{2}$ | 9,298 ${ }^{2}$ | - | - |
| \$1,000 under \$3,000 | 43,465 | 35,182 | 95.5 | 95.0 | 123 | 92 | 6.0 | 5.0 |
| \$3,000 under \$5,000 . . . . . . . . . | 516,050 | 475,448 | 41.7 | 41.9 | 120 | 117 | 2.9 | 2.8 |
| \$5,000 under \$7,000 . . . . . . . . . | 1,761,464 | 1,473,139 | 32.0 | 31.4 | 357 | 321 | 5.9 | 5.4 |
| \$7,000 under \$9,000 .......... | 3,306, 387 | 2,967,854 | 18.1 | 20.7 | 571 | 521 | 7.1 | 6.5 |
| \$9,000 under \$11,000 ......... | 5,150,823 | 4,462,848 | 5.2 | 6.8 | 834 | 746 | 8.3 | 7.4 |
| \$11,000 under \$13,000 ........ | 6,531,708 | 5,566,452 | 3.2 | 4.0 | 1,160 | 1,026 | 9.7 | 8.6 |
| \$13,000 under \$15,000 ........ | 7,601,053 | 7,002,695 | 2.2 | 2.3 | 1,498 | 1,324 | 10.7 | 9.5 |
| \$15,000 under \$17,000 ........ | 8,355,068 | 7,766,398 | 1.8 | 1.5 | 1,830 | 1,665 | 11.5 | 10.4 |
| \$17,000 under \$19,000 M . . . . . . | 9,226,778 | 7,786,372 | 1.3 | 1.8 | 2,179 | 2,001 | 12.1 | 11.1 |
| \$19,000 under \$22,000 ......... | 15,609,261 | 12,725,118 | 1.1 | 1.2 | 2,645 | $\begin{aligned} & 2,399 \\ & 2,956 \end{aligned}$ | 12.9 | 11.7 |
| \$22,000 under $\$ 25,000 \ldots . . . . .$. | 16,563,264 | 15,378,094 | . 9 | 1.3 | 3,209 |  | 13.7 | 12.6 |
| \$25,000 under \$30,000 | 28,474,945 | 27,852,640 | . 6 | . 6 | 3,976 | 3,676 | 14.5 | 13.4 |
| \$30,000 under \$35,000 | 26,910,961 | $25,867,035$ | .4 | . 5 | 5,103 | 4,605 | 15.7 | 14.2 |
| \$35,000 under \$40,000 | $24,834,220$ $34,847,163$ | $24,098,091$ | . 3 | . 5 | 6,370 | 5,743 | 17.1 | 15.4 |
| \$40,000 under \$50,000 | $34,847,163$ <br> 36,299 | $35,029,801$ $35,892,383$ | . 6 | . 5 | 8,379 13,050 | 7,468 | 18.9 | 16.9 |
| \$ $\$ 75,000$ under $\$ 100,000$ | 14,715,265 | $35,892,383$ $14,594,818$ | .4 | . 4 | 22,867 | 20,865 | 26.8 | 20.1 24.5 |
| \$100,000 under \$150,000 ...... | 14,619,378 | 14,385,740 | . 4 | . 2 | 36,828 | 33,321 | 30.9 | 27.9 |
| \$150,000 under \$200,000 ....... | 6,886,418 | 7,483,155 | . 2 | . 5 | 58,439 | 54,447 | 34.2 | 31.8 |
| \$200,000 under \$300,000 ....... | 7,183,611 | 7,651,434 | . 2 | . 2 | 88,930 | 82,400 | 37.2 | 34.3 |
| \$300,000 under $\$ 500,000 \ldots . .$. | 5,566,282 | 6,380,687 | . 1 | . 1 | 149,990 | 135,233 | 40.1 | 36.2 |
| \$500,000 under \$1,000,000 .... | 4,100,676 | 5,222,845 | .1 | .1 | 278,182 | 252,751 | 41.8 | 37.8 |
| \$1,000,000 or more . . . . . . . | 4,887,456 | 7,368,787 | . 1 | . 1 | 925,655 | 877,132 | 44.0 | 39.3 |

M - The median taxpayer was at this income level for both 1981 and 1982.
See notes following Table 13.

Table 4. - Nonfarm Sole Proprietorship Returns: Selected Income and Deduction 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 ..... No. with net business income | $\begin{array}{r} 5,769,741 \\ \text { n.a. } \end{array}$ | $\begin{array}{r} 7,221,346 \\ \text { n.a. } \end{array}$ | $\begin{gathered} 8,595,736^{1} \\ \text { n.a. } \end{gathered}$ | $\begin{gathered} 8,931,712^{2} \\ \text { n.a. } \end{gathered}$ | $\begin{aligned} & 9,584,790^{1} \\ & 6,534,688 \end{aligned}$ | $\begin{gathered} 10,105,515^{1} \\ 6,761,405 \end{gathered}$ |
| Inventory, end of year | 11,060,775 | 15,578,040 | 21,925,135 | 21,996,236 | 22,921,503 | 21,804,915 |
| Business receipts, total .......... Income from sales and operation | $198,582,172$ n.a. | $\begin{aligned} & 273,954,741 \\ & 272,342,560 \end{aligned}$ | $\begin{aligned} & 395,669,544 \\ & 392,497,616 \end{aligned}$ | $\begin{aligned} & 411,205,713 \\ & 407,169,299 \end{aligned}$ | $\begin{aligned} & 427,063,055 \\ & 421,700,025 \end{aligned}$ | $\begin{aligned} & 433,664,897 \\ & 428.311840 \end{aligned}$ |
| Total deductions | 168,044,746 | 234,318,288 | 339,141,191 | 356,258,495 | 373,991,426 | 383,091,734 |
| Cost of goods sold/operations | 109,148,811 | 146,261,435 | 202,498,637 | 209,889,809 | 209,723,950 | 205,471,499 |
| Purchases Cost of labor | 88,585,913 | 117,722,352 | 161,798,251 | 168,301,517 | 167,751,431 | 161,295,256 |
| Cost of labor Materials and supplies | $7,704,285$ $6,216,057$ | $8,791,083$ 9,090 | 10,943,072 | 10,922,221 | 10,923,120 | 11,424,639 |
| Commissions ...... | 6,216,057 $1,274,016$ | 9,090,638 $2,225,830$ | $13,943,072$ $3,744,999$ | $12,909,222$ $3,333,345$ | $12,081,423$ 3,539 | 12,735,789 |
| Salaries and wages | 15,107,047 | 20,227,859 | 27,338,570 | 26,560,821 | 28,749,357 | $\begin{array}{r} 4,464,026 \\ 30,403,121 \end{array}$ |
| Car and truck expenses | n.a. | 7.a. | 11,442,680 | 13,378,289 | 12,358,478 |  |
| Rent paid Repairs | 4,636,528 | 6,676,314 | 8,885,890 | 9,636,290 | 10,715,102 | 11,797,053 |
| Repairs ${ }_{\text {Taxes paid }}$ | $2,444,607$ 3,$775 ; 502$ | 3,044,175 | $4,769,757$ 7 | 5,031,573 | 5,414,156 | 6,006,403 |
| Utilities | n.a. | 5,423,961 | 7,484,662 | 7,672,459 | 6,661,054 | 7,747,540 |
| Insurance | 2,309,608 | 3,503,812 | 5,861,950 | 6,003,126 | 8,275,517 |  |
| Interest paid | 1,784,276 | 3,390,845 | 6,386,472 | 7,190,257 | 9,052,338 | 10,143,489 |
| Depreciation ....... | 5,451,525 | 7,958,143 | 12,929,133 | .13,952,703 | 15,854,513 | 19,121,559 |
| Pension and profit sharing plans | 72,741 | 125,296 | -135,952 | 141,463 | 15,152,588 | 19,136,359 |
| Net income (less loss) | 30,537,426 | 36,636,453 | 56,528,403 |  | 53,071,628 | 50,573,164 |
| Net income, businesses w/profit | $33,735,732$ $3,199,306$ | 45,624,890 | 67,078,638 | 68,010,051 | 68,552,791 | 68,647,384 |
| Net loss, businesses w/o profit | 3,198,306 | 5,988,437 | 10,550,235 | 13,062,832 | 15,481,162 | 18,094,220 |

See_notes-following Table-13.

Table 5. - Partnership Returns: Selected Income Statement and Balance Sheet Items for Selected Years, 1970-1982 [All figures are estimates based on samples - money amounts are in thousands of doliars]

| Item | 1970 | 1975 | 1979 | 1980 | 1981 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | (1) | (2) | (3) | (4) | (5) | $\frac{\text { (Preliminary) }}{(6)}$ |
| Total number of active partnerships | 936,133 | 1,073,094 |  |  |  |  |
| Number with net income .......... | 639,795 | 1,661,134 | 1,299,593 | $1,379,654$ 774,173 | 1,460,502 | 1,514,212 |
| Number with balance sheets | 555,741 | 783,271 | 765,575 n.a. | 1,194,236 | 1749,222 $1,193,792$ | 791,117 1,217,386 |
| Number of partners | 3,697,818 | 4,950,634 | 6,954,767 | 8,419,899 | 9,448,361 | 9,764,667 |
| Total assets ${ }^{1}$ | 116,752,751 | 235,468,301 | 447,130,068 | 597,503,923 | 715,232,726 | 845,281,449 |
| Buildings/depreciable assets (net) . | n.a. | 113,124,969 | n.a. | 239,139,823 | 367,270,152 | 310,846, 376 |
| Inventories, end of year | a. | 11,985,431 | n.a. | 33,218,272 | 59,649,950 | 100,728,688 |
|  | n.a. | 36,731,958 | n.a. | 70,241,248 | 76,336,446 | 84,820,308 |
| Total liabilities | n.a. | 193,875,629 | n.a. | 488,734,023 | 580,033,757 | 701,630,766 |
| Accounts payable | n.a. | 12,302,055 | п.a. | 33,899,048 | 29,092,451 | 37,254,748 |
| Short-term debt ${ }^{2}$ | n.a. | 22,709,476 | n.a | 48,001,839 | 55,691,914 | 73,277,805 |
| Long-term debt ${ }^{3}$ | n.a. | 136,296,764 | n.a. | 178,044,406 | 196,508,937 | 236,218,378 |
| Nonrecourse loans | n.a. | n.a. | a. | 118,910,380 | 138,134,304 | 154,408,961 |
| Partners' capital accounts | n.a. | 41,592,672 | п.a. | 108,769,900 | 135,198,969 | 143,650,646 |
| Total receipts | 93,348,080 | 148,417,529 | 258,197,936 | 291,998,115 | 272,129,807 | 296,690,303 |
| Business receipts | 90,208,834 | 142,505,781 | 242,653,710 | 271,108,832 | 230,027,336 | 251,608,987 |
| Interest received ${ }^{4}$ | 942,304 | 2,477,173 | 7,246,203 | 10,869,323 | 13,772,559 | $\begin{array}{r} 1,259,801 \\ 15,259,80 \end{array}$ |
| Total deductions | 83,557,684 | 140,679,959 | 242,992,028 | 283,749,460 | 274,864,704 | 304,004,833 |
| Cost of goods sold/operations | 46,040,874 | 64,672,843 | 102,096,671 | 113,885,668 | 130,043,609 | 144,595,111 |
| Purchases | 31,820,581 | 42,608,734 | 64,201,085 | 70,439,607 | 92,136,914 | 96,111.197 |
| Cost of labor ... | 4,146,927 | 4,585,836 | 6,737,888 | 7,015,547 | 5,835,683 | 7,183,865 |
| Salaries and wages Taxes paid ....... | $8,129,233$ 3,159 | 12,489,039 | 19,392,819 | 22,336,337 | 21,136,914 | 23,204,883 |
| Taxes paid .... | $3,159,258$ $4,470,206$ | $5,770,918$ $12,097,100$ | $8,328,583$ $21,275,551$ | $9,553,145$ $28,362,385$ | $5,040,336$ $19,586,018$ | $5,288,971$ $21,517,044$ |
| Depreciation ${ }^{\text {s }}$ | 4,578,820 | 10,108,834 | 17,662,667 | $28,362,385$ $21,576,189$ | 19,586,018 | $\begin{aligned} & 21,517,044 \\ & 32,361,640 \end{aligned}$ |
| Net income (less loss) | 9,790,396 | 7,737,570 | 15,205,908 | 8,248,655 | -2,734,897 | -7,314,587 |
| Net income, businesses w/profit | 14,419,124 | 22,431,931 | 40,000,896 | 45,061,756 | -2, 567,190 | 53,556,856 |
| Net loss, businesses w/o prof it | 4,628,728 | 14,694,361 | 24,794,987 | 36,813,100 | 53,302,086 | 60,871,442 |

See notes following Table 13.

Table 6. - Number of Business Income Tax Returns, by Size of Receipts and Assets, for Selected Years, 1970-1981 [All figures are estimates based on samples - money amounts are in thousands of dollars]


See notes following Table 13.

Table 7. - Corporation Income Tax Returns: Selected Balance Sheet, Income Statement, and Tax Items by Industrial Division for Selected Years, 1970-1981
[All figures are estimates based on samples - money amounts are in thousands of dollars]

| Industrial division and items | 1970 | 1975 | 1978 | 1979 | 1980 | 1981 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | (1) | (2) | (3) | (4) | (5) | (6) |
| AGRICULTURE, FORESTRY AND FISHI |  |  |  |  |  |  |
| Number of returns, total | 37,283 | 56,280 | 69,971 | 76,643 | 80,883 | 85,370 |
| Number with net income | 19,843 | 33,328 | 44,807 | 46,683 | 43,827 | 44,948 |
| Total assets | 11,909,403 | 21,177,941 | 32,904,622 | 36,265,804 | 40,738,977 | 46,081,067 |
| Total liabilit | 7,897,335 | 14,332,992 | 22,685,831 | 24,775,572 | 29,278,042 | 32,492,648 |
| Total receipts | 14,277,707 | 28,118,514 | 41,417,558 | 50,986,876 | 52,089,915 | 65,061,959 |
| Business receipts Interest received | $13,591,763$ 69,742 | 26,624,149 | 39,222,456 | 48,367,354 | 48,850,056 | 60,907,045 |
| Total deductions .. | 14,209,713 | 27,369;286 | 40,125,054 | 49,751,856 | 51,418,280 | 751,553 64,735,599 |
| Cost of sales and op | 10,555,539 | 19,738,447 | 29,140,482 | 36,226,280 | 35,798,332 | 45,552,234 |
| Interest paid | 356,225 | '797,420 | 1,251,690 | 1,592,102 | 2,184,441 | 2,738,463 |
| Net income (less loss) | 65,295 | 746,908 | 1,296,962 | 1,239,718 | 273,158 | 328,308 |
| Net income, businesses w/profit .. | 493,400 | 1,493,168 | 2,202,179 | 2,469,480 | 2,464,381 | 2,551,988 |
| Deficit, businesses w/o profit ... | 428,105 | 746,260 | 905,217 | 1,229,762 | 1,791,222 | 2,223,679 |
|  | 113,115 | 351,059 | 475,815 | -501,397 | '533,768 | -543,280 |
| Total income tax after credits ..... Distributions to stockholders | 107,023 | 294,584 | 340,710 | 365,106 | 422,282 | 414,448 |
| except in own stock ............... | 65,824 | 244,524 | 251,428 | 326,037 | 304,733 | 512,027 |
| mining |  |  |  |  |  |  |
| Number of returns, total | 14,465 | 14,242 | 19,124 | 24,296 | 25,576 | 33,363 |
| Number with net income | 737,303 | 84, 805,297 | 11,148 | 11,259 | 12,698 | 17,634. |
| Total assets | 23,972,812 | 64,505,341 | 97,670,205 | 115,530,163 | 126,947,880 | 168,909,241 |
| Total liabiliti | 10,590,991 | 31,739,651 | 52,613,050 | 64,248,721 | 72,879,732 | 98,442,207 |
| Total receipts | 17,747,750 | 65,909,994 | 94,706,062 | 132,926,563 | 176,672,390 | 200,194,751 |
| Business receipts | 16,699,586 | 63,670,496 | 90,538,979 | 127,833,110 | 167,397,918 | 189,552,446 |
| Interest received | 176,728 | 522,757 | 635,038 | -959,329 | 1,301,266 | 2,432,908 |
| Total deductions ................... | 15,927,348 | 42,348, 765 | 67,158,152 | 89,992, 366 | 169,051,624 | 195,021,576 |
| -Cost-of-sales and operations -.... | 9,955, $600{ }^{-}$ | 30,171,612 | 44, 583,576 ${ }^{-}$ | 60,477,876 | 116,989,880 | 150,193,394 |
| Interest paid ...... | , 388,032 | 1,166,182 | 2,180,034 | 2,769,022 | 3,440,080 | 6,051,461 |
| Net income (less loss) ............. | 1,834,315 | 23,574,833 | 27,709,582 | 43,063,340 | 7,750,561 | 5,620,746 |
| Net income, businesses w/profit .. | 2,399,507 | 24,347,893 | 29,582,865 | 44,911,264 | 10,133,685 | 10,611,609 |
| Deficit, businesses w/o profit ... | 565,192 | 773,060 | 1,873,283 | 1,571,455 | 2,383,124 | 4,990,863 |
| Income tax before credits .......... | 1,031,550 | 11,361,037 | 13,741,509 | 20,098,354 | 3,947,569 | 4,119,612 |
| Total income tax after credits ...... Distributions to stockholders | 342,928 | 1,051,138 | 1,046,525 | 1,212,267 | 1,672,492 | 1,685,491 |
| except in own stock | 1,177,550 | 1,015,895 | 2,194,973 | 3,215,842 | 4,757,780 | 3,278,771 |
| CONSTRUCTION |  |  |  |  |  |  |
| Number of returns, total | 138,905 | 191,219 | 228,657 | 259,213 | 272,432 | 276,395 |
| Number with net income | 82,078 | 108,852 | 148,712 | 162,732 | 150,368 | 145,206 |
| Total assets | 42,719,792 | 76,691,947 | 105,545,997 | 125,420,947 | 132,939,026 | 150,764,144 |
| Total liabilities | 30,900,188 | 57,662,870 | 79,758,557 | 95, 369,236 | 100,112,852 | 113,695,252 |
| Total receipts | 90,610,644 | 146,955,117 | 216,710,160 | 258,723,850 | 267,205,356 | 280,172,375 |
| Business receipts | 88,945,385 | 143,412,715 | 211,618,796 | 252,702,613 | 260,387,692 | 270,543,236 |
| Interest received Total deductions | 89, 219,698 | 144, 614,583 | 898,396 | 1,394,177 | 2,073,650 | 3,122,737 |
| Cost of sales and | 73,434,969 | 116,845,554 | 171,491,603 | 252,709,644 | 262,116,275 | 276,744,601 |
| Interest paid | 711,496 | 1,973,244 | 2,580,694 | 204,536,998 | 208,064,925 | 214,612,975 |
| Net income (less loss) | 1,538,418 | 2,236,262 | 5,876,327 | 6,136,913 | 5,271,209 | 3,455,058 |
| Net income, businesses w/pr | 2,548,013 | 4,514,864 | 8,056,979 | 9,117,112 | 8,911,143 | 8,295,947 |
| Deficit, businesses w/o profit | 1,009,595 | 2,278,602 | 2,180,652 | 2,980,199 | 3,639,934 | 4,840,889 |
| Income tax before credits ${ }^{2} \cdot \ldots \ldots . .$. | 776,979 | 1,320,196 | 2,398,869 | 2,550,908 | 2,521,507 | 2,316,708 |
| Total income tax after credits ..... Distributions to stockholders | 756,637 | 1,131,960 | 1,496,951 | 1,824,890 | 1,973,614 | 1,868,113 |
| except in own stock | 299,204 | 464,553 | 627,914 | 697,637 | 793,764 | 889,557 |
| ManuFacturing |  |  |  |  |  |  |
| Number of returns, total | 197,807 | 217,354 | 223,417 | 241,795 | 242,550 | 251,294 |
| Number with net income | 120,814 | 136,839 | 159,631 | 164,605 | 153,640 | 149,964 |
| Total assets | 612,912,516 | 944,581,970 | 1,308,673,807 | 1,533,494,376 | 1,709,471,700 | 1,933,710,383 |
| Total liabilities | 303,989,223 | 501,994,296 | ,713,609,724 | 856,041,068 | 1,960,284,926 | 1,085,493,079 |
| Total recelpts | 722,952,890 | 1,296,359,650 | 1,836,552,260 | 2,166,399,886 | 2,404,323,'844 | 2,613,512,581 |
| Business receipts | 700,090,661 | 1,258,338,650 | 1,773,467,830 | 2,086,220,228 | 2,301,056,550 | 2,487,695,859 |
| Interest recel ved | 4,748,499 | 8,8,691,092 | 15,089,753 | 21,355,133 | 28,315,784 | 38,848,407 |
| Total deductions . | 692,455,462 | 1,230,689,496 | 1,730,009,625 | 2,045,448,376 | 2,290,593,808 | 2,509,134,569 |
| Cost of sales and operation | 495,879,549 | 925,111,030 | 1,290,204,263 | 1,533,327,048 | 1,707,143,900 | 822,985,043 |
| Interest paid | 12,570,242 | 22,055,903 | 30,915;600 | 41,587,856 | 54,177,356 | 73,084,336 |
| Net income (less loss) .............. | 31,846,078 | 68,406,627 | 113,518,786 | 130,791,918 | 125,667,815 | 116,775,393 |
| Net income, businesses w/prof it .. Deficit, businesses w/0 profit | 37,925,489 | 74,466,554 | 120,144,888 | 140,223,449 | 141,547,510 | 138,215,539 |
| deficit, businesses $\mathrm{w} / 0$ profit ... Income tax before credits .......... | $6,079,411$ $16,744,905$ | $6,059,927$ $32,306,739$ | 6,626,102 | 98,431,531 | 15,879,695. | 21,440,146 |
| Total income tax after cr |  |  |  | 58,688,112 | 59,577,413 | 58,820,480 |
| Distributions to stockholders |  |  | 34,218,035 | 35,059,349 | 32,701,861 | 30,115,496 |
| except in own stock | 14,616,282 | 19,973,061 | 31,173,451 | 38,321,486 | 37,306,509 | 41,434,134 |

Table 7. (Continued) - Corporation Income Tax Returns: Selected Balance Sheet, Income Statements, and Tax Items by Industrial Division for Selected Years, 1980-1981
[All figures are estimates based on samples - money amounts are in thousands of dollars]

| Industrial division and items | 1970 | 1975 | 1978 | 1979 | 1980 | 1981 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | (1) | (2) | (3) | (4) | (5) | (6) |
| ortation and |  |  |  |  |  |  |
| mber of returns, | 67,398 | 80,701 | 92,686 | 106,824 | 111,324 |  |
| Number with net income | 38,204 | 45,360 | 54,343 | 61,583 | 62,232 | 56,480 |
| Total assets | 287,740,207 | 443,236,797 | 597,721,008 | 676,186,972 | 758,364,400 | 837,300,816 |
| Total liabilities | 166,535,185 | 266,792,390 | 356,560,566 | 411,531,388 | 467,708,707 | 516,438,230 |
| Total receipts | 135,495,271 | 243,480,637 | 372,898,491 | 448,140,811 | 523,807,396 | 598,507,994 |
| Business receipts | 131,463,171 | 234,689,427 | 360,687,424 | 434,427,319 | 507,372,820 | 575,602,089 |
| Interest received | 930,266 | 1,520,913 | 2,945,437 | 4,067,665 | 5,760,072 | 8,048,746 |
| Total deductions | 127,931,131 | 233,409,166 | 352,027,145 | 429,849,123 | 503,954,285 | 79,172,068 |
| Cost of sales and | 77,743,359 | 143,932,463 | 227,211,452 | 284,041,578 | 336,868,172 | 358,354,512 |
| Interest paid | 7,364,200 | 13,761,062 | 18,142,886 | 21,631,167 | 27,638,591 | 34,085,384 |
| Net income (less loss) | 7,543,718 | 10,099,571 | 21,001,954 | 18,462,903 | 20,046,155 | 19,573,717 |
| Net income, businesses w/prof | 9,471,595 | 12,088,189 | 23,305,319 | 22,058,598 | 24,917,293 | 25,739,287 |
| Deficit, businesses w/o prof | 1,927,877 | 1,988,618 | 2,303,365 | 3,595,695 | 4,871,138 | 6,165,570 |
| Income tax before credits. | 4,342,334 | 5,107,158 | 10,252,353 | 9,115,461 | 10,532,722 | 10,481,203 |
| Total income tax after credits ... Distributions to stockholders | 4,036,650 | 2,836,470 | 5,256,704 | 4,834,026 | 5,322,990 | 5,065,529 |
| except in own stock... | 5,837,565 | 8,900,353 | 13,666,472 | 15,275,029 | 17,329,807 | 19,622,705 |
| WHOLESALE AND RETAIL TRADE |  |  |  |  |  |  |
| Number of returns, total | 518,062 | 614,632 | 721,443 | 776,661 | 28 | 36 |
| Number with $n$ | 339, |  |  |  |  |  |
| Total assets | 192,181,800 | 323,496,726 | 486,146,204 | 573,310,389 | 646,901,005 | 708,060,408 |
| Total liabiliti | 115,179,668 | 200,846,992 | 313,748,608 | 376,719,434 | 424,611,318 | 472,256,895 |
| Total receipts | 522,547,923 | 969,938,872 | 1,461,404,863 | 1,750,559,063 | 1,955,523,778 | 2,039,628,384 |
| Business receipt | 511,316,883 | 951,463,550 | 1,436,428,884 | 1,711,773,627 | 1,919,347,689 | 1,997,262,710 |
| Interest received | 1,291,906 | 3,857,318 | 5,293,767 | 8,243,949 | 10,503,989 | 14,319,277 |
| Total deductions | 512,910,193 | 947,511,780 | 1,426,238,358 | 1,711,496,089 | 1,919,454,218 | 2,006,891,471 |
| Cost of sales and operations | 392,391,856 | 745,299,204 | 1,134,768,864 | 1,361,550,632 | 1,538,128,634 | 1,594,256,679 |
| Interest paid | 4,309,663 | 8,587,173 | 13,677,333 | 19,931,751 | 25,645,855 | 30,997,865 |
| Net income (less loss) | 9,671,044 | 22,489,430 | 35,759,358 | 40, 242,601 | 38,309,671 | 33,320,403 |
| Net income, businesses w/ | 12,395,411 | 27,681,721 | 41,432,239 | 48,246,345 | 49,426,500 | 47,657,374 |
| Deficit, businesses w/o | 2,724,367 | 5,192,291 | 5,672,882 | 8,003,744 | 11,116,829 | 14,336,971 |
| Income tax before credits Total income tax after cred | 4,476,047 | $8,103,316$ $7,348,619$ | $12,386,647$ $9,913,600$ | $13,313,992$ $10,772,309$ | $13,515,653$ $10,550,255$ | 12,329,212 |
| Distributions to stockholders except in own stock $\qquad$ | 2,068,501 | 5,029,897 | 7,272,502 | 8,821,280 | 10,343,087 | 10,034,841 |
| INANCE, INSURANCE AND REAL ESTATE |  |  |  |  |  |  |
| Number of returns, total | 406,235 | 846 | 454,031 | 471,227 | 493,426 | 95 |
| Number with net income |  | 243,409 |  |  |  |  |
| Total assets | 1,401,153,520 | 2,321,965,956 | 3,249,397,057 | 3,630,045,296 | 4,022,206,073 | 4,486,191,441 |
| Total liabilitie | 1,204,673,072 | 2,052,195,429 | 2,883,857,407 | 3,187,436,102 | 3,491,664,756 | ,830,001,863 |
| Total receipts | 177,321,173 | 315,795,981 | 474,690,489 | 560,968,442 | 697,460,846 | 877,808,946 |
| Business recei | 92,091,887 | 157,126,715 | 234,578,853 | 254,722,667 | 256,892,475 | 330,631,846 |
| Interest received | 63,694,046 | 127,040,303 | 194,203,053 | 250,979, 245 | 315,146,115 | 421,159,015 |
| Total deductions | 161,630,060 | 297,963,817 | 432,294,860 | 514,086,140 | 652,637,787 | 838,764,803 |
| Cost of sales and | 48, 434,362 | 84,614,209 | 111,618,648 | 123,367,688 | 129,644,330 | 162,447,596 |
| Interest paid | 34,548,509 | 77,677,659 | 118,850,328 | 164,365,541 | 219,167,684 | 314,128,780 |
| Net income (less loss) | 12,214,079 | 11,663,330 | 33,873.934 | 37,011,262 | 33,122,792 |  |
| Net income, businesses w/ | 15,081,939 | 18,825,003 | 38,585,831 | 43,275,518 | 46,040,390 | 53,018,005 |
| Deficit, businesses w/o profit.. | $2,867,860$ $4,404,449$ | 7,161,673 | $4,711,897$ $11,756,250$ | 6,264,256 | $12,917,599$ $9,680,755$ | $26,671,510$ $7,968,422$ |
| Incone tax before credits ........ | 4,404,449 | 5,558,647 | 11,756,250 | 11,595,112 | 9,680,755 $7,698,134$ | 7,968,422 |
| Total income tax after credits ... Distributions to stockholders | 4,150,009 | 4,673,705 | 9,908,261 | 9,601,617 | 7,698,134 | 037 |
| except in own stock | 7,387,211 | 8,729,977 | 13,599,824 | 18,348,769 | 24,692,146 | 41,998,295 ${ }^{2}$ |
| SERVICES |  |  |  |  |  |  |
| Number of returns, total | 281,218 | 435,672 | 560,016 | 609,103 | 671,338 | 752,813 |
| Number with net income | 150,525 | 249,641 | 338,498 379 | 364,156 153,219,483 | 178, 408,716 | 213,724,531 |
| Total assets liabilities | 42,346,078 | 63,678,693 | 95,548,868 | 108,132,469 | 125,298,224 | 152,673,683 |
| Total receipts .. | 69,572,626 | 131,377,364 | 210,606,073 | 244,542,893 | 279,883,187 | 346,846,723 |
| Business receipts | 66,459,515 | 125,747,462 | 201,678,049 | 234,497,897 | 266,088,619 | 328,053,889 |
| Interest received | 435,070 | 875,506 | 1,524,734 | 2,196,467 | 3,269,412 | 4,696,008 |
| Total deductions | 68,384,452 | 127,996,443 | 202,985,210 | 236,359,966 | 271,792,974 | 338,790,049 |
| Cost of sales and operations | 37,733,747 | 63,724,869 | 100,355,222 | 117,057,522 | 129,352,692 | 157,886,393 |
| Interest paid | 1,802,802 | 3,279,438 | 4,752,293 | 6,082,021 | $8,033,612$ | 10,472,892 |
| Net income (less loss) | 1,198,703 | 3,396,744 | 7,666,125 | 8,252,805 | 8,193,903 | 8,197,916 |
| Net income, businesses w/profit. | 3,384,869 | 6,025,592 | 10,994,355 | 12,060,033 | 13,246,601 | 15,182,552 |
| Deficit, businesses w/o profit.. | 2,186,166 | 2,628,848 | 3,328,230 | 3,807,228 | 5,052,698 | 6,984,635 |
| Income tax before credits | 1,058,264 | 1,625,093 | 3,151,307 | 3,276,011 | 3,497,265 | 4,029,725 |
| Total income tax after credits | 1,003,130 | 1,323,637 | 2,158,326 | 2,419,382 | 2,613,888 | 2,943,149 |
| Distributions to stockholders except in own stock | 558,452 | 855,402 | 1,490,937 | 1,816,177 | 1,841,945 | 2,491,324 |

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 | $\begin{gathered} 1982 \\ \text { (Preliminary) } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | (1) | (2) | (3) | (4) | (5) | (6) |
| Number of returns, total | 1,665 | 2,023,647 | 2,577,801 | 2,710,538 | 2,812,420 | 2,925,974 |
| Number with net income | 1,008,337 | 1,226,208 | 1,599,322 | 1,596,632 | 1,597,298 | 1,608,376 |
| Small Business Corp. re | 257,475 | 358,413 | 518,550 | 545,389 | 541,489 | 564,004 |
| DISC returns | N/A | 6,431 | 8,066 | 8,665 | 9,408 | 10,107 |
| Total assets | 2,634,706,564 | 4,286,556,273 | 6,844,891,231 | 7,617,238,403 | 8,547,161,872 | 9,115,417,350 |
| Notes and acc 'ts receivable | 614,667,376 | 1,051,542,806 | 1,817,469,863 | 1,984,601,790 | 2,239,832,960 | 2,378,504,390 |
| Inventories | 190,401,642 | 317,718,545 | 504,315,590 | 534,806,547 | 588,219,956 | 555,250,788 |
| Investments in Gov't obligat | 196,625,390 | 316,131,699 | 421,441,738 | 472,059,737 | 514,837,697 | 590,837,486 |
| Net capital assets, except $1 \mathrm{and}^{1}$ | 552,838,384 | 825,107,002 | 1,264,872,322 | 1,418,605,742 | 1,591,843,868 | 1,740,569,453 |
| Total liabilities | 1,882,295,401 | 3,189,491,468 | 5,125,337,041 | 5,672,850,147 | 6,303,221,090 | 6,691,944,788 |
| Accounts payable | 148,812,597 | 263,417,584 | 482,558,295 | 542,172,368 | 619,969,292 | 672,438,045 |
| Short-term debt ${ }^{2}$ | 170,884,261 | 272,123,551 | 452,958,194 | 504,802,288 | 585,947,678 | 680,449,845 |
| Long-term debt ${ }^{2}$ | 362,700,303 | 586,703,526 | 885,515,693 | 986,663,932 | 1,058,070,877 | 1,169,854,417 |
| Net worth | 752,411,163 | 1,097,064,806 | 1,719,554,190 | 1,944,388,256 | 2,243,940,782 | 2,423,472,562 |
| Total receipts | 1,750,776,503 | 3,198,627,860 | 5,615,625,519 | 6,361,284,012 | 7,026,351,839 | 7,299,790,4799 |
| Business receipts | 1,620,885,576 | 2,961,729,640 | 5,152,613,019 | 5,731,616,337 | 6,244,678,064 | 5,947,307,938 |
| Interest on Gov't obli | 9,687,116 | 17,264,405 | 30,420,365 | 38,061,592 | 50,519,552 | п.a. |
| State and Local. | 3,775,917 | 6,711,606 | 10,878,916 | 12,620,876 | 13,881,460 | 13,728,866 |
| United States | 5,911,199 | 10,552,799 | 19,541,449 | 25,440,716 | 36,638,092 | 580,317,400 |
| Other interest | 61,883,309 | 126,034,505 | 259,146,298 | 328,802,958 | 442,918,194 |  |
| Rents and royal ties... | 16,524,889 | 26,932,271 | 40,303,671 | 53,821,391 | 67,522,636 | 81,665,848 |
| Net short-term capital gain less net long-term capital loss ........ | 190,439 | 301,601 | 1,209,842 | 2,013,510 | 2,178,572 | 2,869,643 |
| Net_long-term_capital gain_less net short-term capital loss |  |  |  |  |  |  |
| net short-term capital loss ....... | $5,481,580$ $5,315,562$ | 8,364,523 | 20,005,538 | 24,910,957 | 29,064,630 | $25,525,347$ |
| Net gain, sales of noncap. assets .. Dividends received from domestic | 5,315,562 | $7,757,287$ | $15,397,176$ | $20,117,615$ | 16,639,271 | $20,670,368$ |
| corporations ................. | 5,238,421 | 8,818,282 | 16,863,766 | 18,654,800 | 17,442,112 | 17,584,198 |
| Dividends received from foreign corporations | 3,466,515 | 5,467,726 | 12,715,084 | 14,563,353 | 13,790,320 | 13,522,501 |
| Total deductions | 1,682,778,847 | 3,052,674,597 | 5,331,970,825 | 6,125,365,155 | 6,813,841,356 | 7,152,428,033 |
| Cost of sales and | 1,146,263,273 | 2,129,928,467 | 3,721,782,971 | 4,204,905,905 | 4,509,198,199 | 4,119,283,079 |
| Bad debts | 6,479,814 | 13,781,147 | 17,486,107 | 18,769,771 | 22,286,815 | 26,277,256 |
| Taxes paid | 49,523,243 | 81,530,302 | 128,172,063 | 163,003,622 | 170,470,926 | n.a. |
| Interest paid | 62,055,010 | 129,307,921 | 261,530,850 | 344,612,542 | 476,964,684 | 579,667,047 |
| Contributions or gifts | 797,029 | 1,202,130 | 2,294,755 | 2,358,554 | 2,514,425 | 2,821,682 |
| Depreciation | 52,941,266 | 86,295,664 | 138,490,396 | 157,345,828 | 186,195,048 | 209,000,891 |
| Depletion ........... | 5,623,339 | 5,341,489 | 7,828,973 | 8,871,993 | 7,929,396 | 6,950,193 |
| Pension, profit-sharing, stock bonus, and annuity plans .... | 12,225,912 | 26,526,129 | 46,583,431 | 51,529,310 | 52,952,583 | 52,587,216 |
| Net loss, sales of noncap. assets:.. | 1,289,305 | $1,804,079$ | 4,074,858 | 5,903,104 | 7,943,607 | 10,176,365 |
| Net income (less loss) ............... | 65,901,614 | 142,636,826 | 285,300,630 | 239,006,542 | 213,648,962 | 146,613,867 |
| Net income, businesses w/profit | 83,710,924 | 169,483,336 | 322,517,550 | 296,787,201 | 301,440,778 | 265,159,813 |
| Net loss, businesses w/o profit | 17,809,310 | 26,846,510 | 37,216,920 | 57,780,659 | 87,791,816 | 118,545,946 |
| Incomé subject to | 72,374,437 | 146,589,287 | 280,155,155 | 246,598,486 | 241,496,368 | 199,940,199 |
| Income tax before credits ${ }^{3}$ | 32,949,937 | 65,769,822 | 119,157,964 | 103,831,172 | 100,644,417 | 82,812,631 |
| Tax credits, total | 5,414,940 | 26,452,791 | 54,229,274 | 42,167,741 | 43,813,131 | 38,469,208 |
| Foreign tax credit | 4,548,986 | 19,987,724 | 36,828,057 | 24,861,315 | 21,828,686 | 18,289,309 |
| Possessions tax credit | N/A | N/A | 1,376,124 | 1,565,681 | 1,945,637 | 2,024,172 |
| Inves tment credit | 865,954 | 6,459,746 | 14,678,306 | 15,102,812 | 18,887,286 | 16,955,620 |
| Jobs credit | N/A | N/A | 1,318,837 | 601,444 | 472,895 | 304,918 |
| Research credit | N/A | N/A | N/A | N/A | 639,302 | 822,572 |
| Income tax after credits ${ }^{3}$ | 27,534,997 | 39,317,031 | 64,928,690 | 61,663,431 | 56,831,286 | 44,343,423 |
| Additional tax for tax preferences | 265,249 | 156,740 | 433,649 | 438,820 | 524,851 | 463,369 |
| Total income tax ............... | 27,878,078 | 39,691,517 | 66,120,672 | 62,974,695 | 58,444,720 | 45,986,991 |
| Distributions to stockhol ders, except in own stock | 32,012,677 | 45,224,392 | 86,833,911 | 97,378,617 | 120,295,338 | 130,501,864 |

[^15]Table 9. - Gross Internal Revenue Collections: Amount Collected by Quarter and Fiscal Year, 1980-1984 [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 | Excise taxes ${ }^{2}$ | Employment taxes ${ }^{3}$ | Estate and gift taxes |
|  | (1) | (2) | (3) | (4) | (5) | (6) |
| FISCAL YEAR 1980 TOTAL | 519,375 | 287,548 | 72,380 | 24,619 | 128,330 | 6,498 |
| October 1979 - December 1979 | 105,947 | 58,899 | 14,894 | 4,902 | 25,755 | 1,497 |
| January 1980 - March 1980 | 122,422 | 68,723 | 15,074 | 4,250 | 32,850 | 1,524 |
| April 1980 - June $1980 .$. | 166,827 | 91,480 | 28,360 | 7,335 | 38,036 | 1,617 |
| Juty 1980 - September 1980 | 124,179 | 68,447 | 14,051 | 8,132 | 31,689 | 1,861 |
| FISCAL YEAR 1981 TOTAL | 606,799 | 332,850 | 73,733 | 40,420 | 152,886 | 6,910 |
| October 1980 - December 1980 | 118,804 | 67,081 | 14,527 | 7,305 | 28,193 | 1,698 |
| January 1981 - March 1981 | 143,899 | 77,467 | 14,844 | 10,082 | 39,878 | 1,628 |
| April 1981-June 1981 ... | 196,970 | 108,600 | 29,204 | 11,963 | 45,510 | 1,692 |
| July 1981 - September 1981 | 147,126 | 79,702 | 15,158 | 11,069 | 39,304 | 1,893 |
| FISCAL YEAR 1982 TOTAL .. | 632,241 | 352,609 | 65,991 | 36,779 | 168,718 | 8,143 |
| October 1981 - December 1981 | 137,570 | 71,526 | 15,898 | 10,577 | 37,654 | 1,915 |
| January 1982 - March 1982 | 154,128 | 85,930 | 14,722 | 9,426 | 41,751 | 2,299 |
| April 1982 - June 1982. | 196,506 | 113,852 | 23,115 | 8,389 | 49,165 | 1,986 |
| July 1982 - September 1982 | 144,036 | 81, 301 | 12,256 | 8,387 | 40,148 | 1,943 |
| FISCAL YEAR 1983 TOTAL | 627,247 | 349,628 | 61,780 | 35,766 | 173,848 | 6,226 |
| October 1982 - December 1982 | 132,205 | 70,312 | 13,404 | 8,498 | 38,404 | 1,588 |
| January 1983 - March 1983 | 150,019 | 86,853 | 11,494 | 8,222 | 41,930 | 1,519 |
| April 1983 - June 1983. | 194,431 | 111,721 | 22,027 | 8,947 | 50,219 | 1,516 |
| July 1983 - September 1983 | 150,591 | 80,742 | 14,855 | 10,097 | 43,294 | 1,602 |
| FISCAL YEAR 1984 <br> October 1983 December 1983 |  |  |  |  |  |  |
| October 1983-December 1983 <br> January 1984 - March 1984 .. | $\begin{array}{r} 141,849 \\ 164,681 \end{array}$ | $\begin{aligned} & 73,379 \\ & 89,316 \end{aligned}$ | 16,208 | 9,654 8,862 | 41,132 50,545 | 1,476 |
| April 1984 - June 1984 ..... | 208,814 | 114,525 | 25,990 | 9,680 | 57,061 | 1,558 |

See notes following Table 13.

Table 10. - Internal Revenue Refunds: Amount Refunded by Quarter and Fiscal Year, 1980-1984 [Money amounts are In millions of dollars]


Table 11. - Classes of Exclse Taxes by Selected Fiscal Year, 1970-1984 [Money amounts are in thousands of dollars]

| Selected class of tax | Taxes collected by Fiscal Year |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1970 | 1975 | 1980 | 1981 | 1982 | 1983 |
|  | (1) | (2) | (3) | (4) | (5) | (6) |
| ALCOHOL TAXES, TOTAL ................. | 4,746,382 |  | 5,704,768 | 5,688,413 |  | $5,634,853$ |
| Distilled spirits | 3,501,538 | 3,865,162 | 3,945,377 | 3,837,640 | 3,634,519 | $3,798,148$ |
| Wine | 163,337 | 177,113 | 211,538 | 244,445 | 218,987 | 239,329 |
| Beer ................................. | 1,081,507 | 1,308,583 | 1,547,853 | 1,606,328 | 1,606,303 | 1,597,375 |
| TOBACCO TAXES, TOTAL | 2,094,212 | 2,315,090 | 2,446,416 | 2,583,857 | 2,539,495 | 4,139,810 |
| Cigarettes | 2,036,101 | 2,261,116 | 2,402,857 | 2,538,674 | 2,499,046 | 4,099,226 |
| Cigars ................................ | 56,834 | 51,226 | 39,500 | 40,742 | 35,666 | 33,716 |
| MANUFACTURERS EXCISE TAXES, TOTAL .. | 6,683,061 | 5,516,611 | 6,487,421 | 6,088,156 | 6,382,900 | 6,776,023 |
| Gasoline and lubricating oil ${ }^{1}$..... | 3,517,586 | 4,071,465 | 4,326,549 | 4,108,716 | 4,320,856 | 4,953,267 |
| Tires, tubes and tread rubber ${ }^{2}$.... | 614,795 | 697,660 | -682,624 | 668,902 | 616,785 | '677,966 |
| Motor vehicles, bodies, parts ${ }^{3}$.... | 1,753,327 | 662,556 | 1,088,696 | 914,524 | 884,845 | 516,872 |
| Recreational products .............. | 53,427 | 84,946 | 136,521 | 158,054 | 131,288 | 132,672 |
| Black Lung taxes ..................... | N/A | N/A | 251,288 | 237,097 | 426,620 | 490,731 |
| SPECIAL FUELS, TOTAL ${ }^{4}$.................... | 257,820 | 404,187 | 560,144 | 587,486 | 628,625 | 831,196 |
| Diesel and special motor fuels ... | 257,712 | 370,489 | 512,718 | 553,107 | 598,840 | 742,380 |
| miscellaneous excise taxes, total .. | 2,084,730 | 3,306,077 | 6,359,198 | 19,773,803 | 24,813,053 | 19,228,685 |
| Telephone and teletype ${ }^{\text {s }}$........... | 1,469,562 | 2,023,744 | 1,117,834 | -998,503 | ,919,749 | 1,048,317 |
| Air transportation ................. | 250,802 | 850,567 | 1,748,837 | 1,326,829 | 1,154,818 | 1,898,786 |
| Highway use tax ................... | 135,086 | 207,663 | 263,272 | -266,225 | 257,329 | 287,457 |
| Foreign insurance ${ }^{\text {c }}$. ${ }^{\text {c. . . . . . . . . . . }}$. | 8,614 | 19,458 | 74,630 | 74,882 | 68,276 | -44,440 |
| Exempt-organizations-net investment income | N/A | 63,828 | 65,280 | 84,045 | 93,188 | 112,380 |
| Crude oil windfall profit ........ | N/A | N/A | 3,051,719 | 16,930,548 | 22,035,927 | 15,660,081 |
| Environmental taxes (superfund) .. | N/A | N/A | N/A | 61,264 | 252,903 | 235,954 |



Table 12. - Selected Returns and Forms Flled During Selected Calendar Years, 1970-1984


See notes on following page.

Table 13. - Selected Demographic and Economic Indexes, 1970-1983

| Series | Source | 1970 Total(Millions) | INDEXES (1970 = 100) |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1975 | 1980 | 1981 | 1982 | 1983 |
|  | Census SOI 8LS SOI | (1) | (2) | (3) | (4) | (5) | (6) |
| Total U.S. Population ${ }^{1}$ |  | $\begin{array}{r} 205.05 \\ 195.10 \\ 78.68 \\ 74.28 \end{array}$ | $\begin{aligned} & 105.3 \\ & 103.6 \\ & 109.1 \\ & 10.7 \end{aligned}$ | $\begin{aligned} & 111.0 \\ & 110.7 \\ & 126.2 \end{aligned}$ | 112.1112.7127.6 | 113.2112.2 |  |
| Number of Individual Tax Exemptions ${ }^{2}$ |  |  |  |  |  |  | 114. 2 |
| Civilian Employment ${ }^{3}$ |  |  |  |  |  | 126.5 | 128.2 |
| Individual Income Tax Returns Filed ${ }^{4}$ |  |  |  | 126.4 | 128.4 | 128.3 |  |
| Personal Income ${ }^{5}$........ | $\begin{aligned} & \text { BEA } \\ & \text { SOI } \\ & \text { RFE } \end{aligned}$ | $\$ 811,100$$\$ 83,909$ | 156.0 | 267.0298.3 | 300.2338.6 | 317.9330.8 | 338.0 |
| Individual Income Taxes ${ }^{6}$ |  |  |  |  |  |  |  |
| Social Security \& Gov't. Pension Contributions ${ }^{7}$ |  | \$58,600 | 189.2 | 347.6 | 404.4 | 431.7 | 464.7 |
| Gross National Product ${ }^{\text {a }}$ | $\begin{aligned} & \text { BEA } \\ & \text { BEA } \\ & \text { FRA } \end{aligned}$ | $\begin{array}{r} \$ 992,700 \\ \$ 1,025,600 \end{array}$ | $\begin{aligned} & 156.1 \\ & 113.4 \\ & 109.3 \end{aligned}$ | $\begin{aligned} & 265.1 \\ & 135.9 \\ & 136.4 \end{aligned}$ | $\begin{aligned} & 297.6 \\ & 139.4 \\ & 140.1 \end{aligned}$ | $\begin{aligned} & 309.6 \\ & 136.8 \\ & 128.6 \end{aligned}$ | 333.4141.4137.0 |
| Real (Deflated) Gross National Product ${ }^{9}$ |  |  |  |  |  |  |  |
| Industrial Production Index ${ }^{10} \ldots \ldots . .$. |  |  |  |  |  |  | 137.0 |
| Corporations Reporting Net Profit ${ }^{11}$...... | $\begin{aligned} & \text { SOI } \\ & \text { SOI } \\ & \text { IRS } \end{aligned}$ | 1.015.59$\$ 32,829$ | 121.6113.3 | 158.4133.8 | 158.4129.5 | P159.6112.9 | $112.8$ |
| Unincorporated Businesses* with Net Profit ${ }^{12}$ |  |  |  |  |  |  |  |
| Net Corporations Income Tax Collections ${ }^{13}$ |  |  | 123.7 | 196.8 | 186.2 | 149.9 |  |
| Business Failures ${ }^{14}$ | $\begin{aligned} & \text { D8B } \\ & \text { SOI } \\ & \text { SOI } \end{aligned}$ | 0.010.661.73 | $\begin{aligned} & 106.4 \\ & 121.4 \\ & 138.3 \end{aligned}$ | $\begin{aligned} & 109.2 \\ & 169.5 \\ & 203.6 \end{aligned}$ | $\begin{aligned} & 156.3 \\ & 184.9 \\ & 214.3 \end{aligned}$ | r231.7p200.5300.4 | p291.5 |
| Corporations Reporting Net Loss ${ }^{11}$ |  |  |  |  |  |  |  |
| Unincorporated Businesses* with Net Loss ${ }^{12}$ |  |  |  |  |  |  |  |
| Business Fixed Investment ${ }^{15}$ | $\begin{aligned} & \text { BEA } \\ & \text { SOI } \\ & \text { SOI } \end{aligned}$ | $\begin{array}{r} \$ 33,900 \\ \$ 866 \\ \$ 52,941 \end{array}$ | $\begin{array}{r} 89.4 \\ 746.0 \\ 163.0 \end{array}$ | 227.1$1,744.1$297.2 | 264.6$2,181.1$351.7 | $\begin{array}{r} 174.0 \\ \text { p1,957.9 } \\ \text { p394.8 } \end{array}$ | 131.6- |
| Corporation Investment Tax Credit $16 \ldots .$. |  |  |  |  |  |  |  |
| Depreciation Claimed on Corp. Tax Returns ${ }^{17}$. |  |  |  |  |  |  |  |

*Excluding farm sole proprietorships.
See notes on following page.

## 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 of interest and dividends 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 non-itemizers, and zero bracket amounts on nonitemized returns.
[3] Includes surcharge of $\$ 2,018,078,000$.
[4] For 1981 only, this was the 1.25 percent rate reduction credit applicable to all returns with income tax before credits, as provided by the Economic Recovery Tax Act of 1981.

SOURCE: Statistics of Income--Individual Income Tax Returns, appropriate years. Tax law changes have affected the comparability of the data. See the specific Statistics of Income reports for a description of those law changes.

## Table 2

[1] For 1982, state figures are from the Individual Master File, adjusted to U.S. totals in Statistics of Income data.
[2] Total returns filed include both taxable returns and returns without tax liability.
[3] Average tax applies only to returns with tax liability. The number of returns with tax liability can be derived by dividing total tax by average tax.
[4] In addition to the state figures shown, includes also number of returns filed by all U.S. citizens living abroad.
[5] Number not considered reliable due to high sampling variability.

SOURCE: Statistics of Income--Individual Income Tax Returns, appropriate years. lax law changes have affected the comparability of the data. See the specific Statistics of Income reports for a description of those law changes.

## 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 at this level, includes large amounts of additional tax for tax preferences.

SOURCE: Statistics of Income--Individual Income Tax Returns, appropriate years. Tax law changes have affected the comparability of the data. See the specific Statistics of Income reports for a description of those law changes.

## Table 4

[1] Includes breakeven businesses.
SOURCE: Statistics of Income--Sole Proprietorship Returns, appropriate years. Tax law changes have affected the comparability of the data. See the specific Statistics of Income reports for a description of those law changes.

## Table 5

[1] Total assets, total liabilities and partners capital accounts are somewhat understated because not all partnership returns filed contained a completed 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] Beginning for 1982, this figure includes both interest and dividends.
[5] Beginning for 1981, this figure was taken from Form 4562, which resulted in somewhat higher figures than reported for earlier years.

SOURCE: Statistics of Income--Partnership Returns, appropriate years. Tax law changes have affected the comparability of the data. See: the specific Statistics of Income reports for a description of those law changes.

## Table 6

[1] Prior to 1979, balance sheets completed by partnerships which liquidated during the year were assigned to the "under $\$ 25,000$ "
category regardless of asset size. Beginning in 1979, balance sheets of liquidating partnerships were treated in the same manner as all other balance sheets.
[2] For 1981, a reduction in data available for receipts caused an increase in the number of returns arbitrarily assigned to the "under $\$ 25,000$ " size class.

SOURCE: Statistics of Income-Corporation Income Tax Returns, appropriate years, Statistics of Income--Partnership Returns, Income-Sole Proprietorship Returns, appropriate years. Tax law changes have affected the comparability of the data. See the appropriate Statistics of Income reports for a description of those law changes.

Table 7
[1] Consists of normal tax, surtax, and alternative tax for Tax Years 1970 through 1978, and regular tax and alternative tax for Tax Years 1979-1981.
[2] The 109-percent increase by the regulated investment companies industry accounted for almost 62 percent of the increase from 1980 to 1981.

SOURCE: Statistics of Income--Corporation Income Tax Returns, appropriate years. Tax Taw changes have affected the comparability of the data. See the appropriate Statistics of Income reports for a description of those law changes.

## Table 8

[1] Net capital assets, except land, consisted 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 1 year or more.
[3] Consists of normal tax, surtax, and alternative tax for Tax Years 1970 through 1978, and regular tax and alternative tax for Tax Years 1979-1981. Tax Year 1970 includes surcharge of $\$ 784,437,000$.

SOURCE: Statistics of Income--Corporation Income Tax Returns, appropriate years. Tax law changes have affected the comparability of the data. See the appropriate Statistics of Income reports for a description of those law changes.

Tables 9 and 10
[1] Includes estimated tax payments or amounts withheld by employers prior to return filing, payments made with the return, and any subsequent payments.
[2] Includes taxes imposed on selected products, services, and activities, such as those on alcohol and tobacco products and the windfall profit tax on domestically produced crude oil.
[3] Includes payroll taxes levied on salaries and wages, such as social security, railroad retirement, and unemployment taxes.
[4] Includes earned income credits refunded, amounting to $\$ 1.3$ billion.
[5] Includes earned income credits refunded, amounting to $\$ 1.2$ billion.
[6] Includes earned income credits refunded, amounting to $\$ 11$ million.
[7] Includes earned income credits refunded, amounting to $\$ 595 \mathrm{million}$.
[8] Includes earned income credits refunded, amounting to $\$ 531$ million.

NOTE: Detail may not add to total 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, fiscal year was defined as July of the previous year through June of the year noted. For 1980, 1981, 1982, and 1983, fiscal year was defined as October of the previous year through September of the year noted.

Additional detail is published in the Annual Report of the Commissioner of Internal Revenue.
SOURCE: Internal Revenue Service, Returns Processing and Accounting Division, Revenue and Accounting Branch.

Table 12
[1] Includes Forms 1040C, PR and SS.
[2] Form 1120A will be introduced in 1985.
[3] Includes Form 1041A in 1970 and 1975.
[4] Includes Form 990A in 1970.
SOURCE: Internal Revenue Service, Research Division, Projections and Forecasting Group.

## Table 13

[1] U.S. Department of Commerce, Bureau of the Census, The 1984 Economic Report of the President, lable B-28.
[2] Exemptions reported on individual income tax returns. Does not include additional exemptions allowed. for a taxpayer or spouse age 65 or over, blind, or both. Statistics of Income--Individual Income Tax Returns, appropriate years.
[3] Wage and salary workers in all industries and government, as well as the selfemployed. U.S. Department of Labor, Bureau of Labor Statistics, The 1984 Economic Report of the President, Table B-30.
[4] Includes Forms 1040, 1040A, and 1040EZ. Statistics of Income--Individual Income Tax Returns, appropriate years.
[5] Incomes received by persons in the form of wages and salaries, proprietary incomes, rents, dividends, and interest, as well as social security benefits, unemployment compensation and other government transfer payments. U.S. Department of Commerce, Bureau of Economic Analysis, The 1984 Economic Report of the President, Table 8-22.
[6] Income tax after credits. Includes additional tax for tax preferences. Statistics of Income--Individual Income Tax Returns, appropriate years.
[7] Contributions made by employers and employees to the social security system and contributions made to state and local government employee pension funds. Ibid., Table B-20.
[8] The global measure of the level of economic activity for the United States. Ibid., Table-B-1.
[9] Same as Note 8, except corrected for inflation. Ibid., Table B-2.
[10] An index number measuring the Nation's physical volume of output of manufacturing, mining, and utility industries. Board of Governors of the Federal Reserve System, The 1984 Economic Report of the President, Table B-42.
[11] Based on the number of returns of active corporations. The number of Forms 1120-DISC and Forms $1120 S$ filed, respectively, by Domestic International Sales Corporations and Small Business Corporations for which an election was made to be taxed through stockholders are included. Statistics of Income--Corporation Income Tax Returns, appropriate years.
[12] Based on number of partnership returns filed and Schedule $C^{\prime}$ s filed with the individual income tax returns of sole proprietors. Statistics of Income-Partnership Returns, appropriate years, and Statistics of Income--Sole Proprietorship Returns, appropriate years.
[13] Corporation income taxes collected less refunds. Annual Report of the Commissioner of Internal Revenue, appropriate years.
[14] A measure of failures of commercial and industrial businesses, excluding railroads, banks and other financial busi-
nesses, steamship lines, and travel agencies. Dun \& Bradstreet, Inc. Historical data can be found in The 1984 Economic Report of the President, Table B-97.
[15] Total spending for factories and other business structures and for producers durable equipment. U.S. Department of Commerce, Bureau of Economic Analysis, The 1984 Economic Report of the President, Table B-15.
[16] Reduction of income tax allowed corporations for investment in qualifying depreciable (or amortizable) property with a useful life of at least 3 years. Statistics of Income--Corporation Income Tax Returns, appropriate years.
[17] Depreciation deducted as a reasonable allowance for the exhaustion, wear and tear, and obsolescence of business property allowable under Internal Revenue Code section 167. Ibid.

# 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 | (sample estimate) |
| :--- | :--- |
| $\times 0.02$ | (coefficient of variation) |
| $=3,000$ | (standard error of estimate) |
| 150,000 | (sample estimate) |
| $\pm 3,00$ | (standard error) |
| $=147,000-153,000$ | (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

Although 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--1981, Individual Income Tax Returns (see especially pages 11-13).
[2] Statistics of Income-1981, Corporation Income Tax Returns (see especially pages 9-15).
[3] Statistics of Income--1980, Partnership Returns (see 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 T3-15 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 Returnis (see especially pages 11-12).
[8] Statistics of Income--1974-1978, Private Foundations (see especially pages 9-16).

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Notes


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## Corporation Source Book

Presents detailed income and balance sheet data classified by industry and size of total assets A general description is available upon request.

## Small Area Data

Data on individual income tax returns, exemptions, and adjusted gross income are presented by State, county, and SMSA. Also, the number of persons who moved from one location to another based on addresses shown on the returns. A general description is available upon request.

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[^0]:    *Foreign Special Projects Section. Prepared under the direction of Charles Crossed, Acting Chief.

[^1]:    1/Includes legally separated, divorced, and "Marital Status Unstated" decedents.
    末ぇData combined to avoid disclosure of information for specific returns.
    NOTE: Detail may not add to total because of rounding.

[^2]:    * Differences equal Fall 1984 projection minus Fall 1983 projection.

[^3]:    *Foreign Returns Analysis Section. Prepared under the direction of James Hobbs, Chief.

[^4]:    ${ }^{1}$ Does not fnclude tax remitted by foreign governments and withholding agents as these amounts cannot be allocated to specific years.
    ${ }^{2}$ Does not include tax withheld on income received by U.S. corporations not claiming a foreign tax credit. The amounts shown are for corporation tax returns having accounting periods ending between July 1980 and June 1981.

[^5]:    ${ }^{1}$ Primary industries determined by amount of assets.
    ${ }^{2}$ Derived by column 4 divided by column 2.
    ${ }^{3}$ Derived by column 4 divided by column 3.
    ${ }^{4}$ Ninety-three percent of this trade was petroleum and petroleum products.

[^6]:    Footrotes at ond of table.

[^7]:    Footnotes at end of table.

[^8]:    Footnotes at end of table.

[^9]:    Footnotes at end of table.

[^10]:    Footnotes at end of table

[^11]:    Footnotes at end of table.

[^12]:    Footnotes at end of table.

[^13]:    ${ }^{1}$ Newly discovered oil is taxed at 25.0 percent beginning in 1983.
    NOTE: Detail may not add to total because of rounding.

[^14]:    ${ }^{1}$ Newly discovered oil is taxed at 25.0 percent beginning in 1983.
    NOTE: Detail may not add to total because of rounding.

[^15]:    See notes following Table 13.

