

SOI BULLETIN



Department of the Treasury
Internal Revenue Service

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Statistics of Income

SOI BULLETIN

Department of the Treasury
Internal Revenue Service

Publication 1136 (Rev. 7-90)

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

Information on the availability of additional unpublished data concerning the topics in this issue may be obtained by writing to the Statistics of Income Division, R:S Internal Revenue Service, Washington, DC 20224.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

Robert A. Wilson and Bettye Jamerson of the Statistics of Income Division were the technical editors and were assisted by Wendy Alvey and Beth Kilss, who wrote the SOI Bulletin Board column, and Clementine Brittain who provided editorial support and prepared the copy. Any views expressed in the articles are those of the authors and do not necessarily represent the views of the Treasury Department.

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STATISTICS OF INCOME DIVISION PUBLICATIONS AND TAPES

Statistical Information Service Desk
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The following Statistics of Income reports and tapes can be purchased from the Statistics of Income Division (unless otherwise indicated). Prepayment is required, with checks made payable to the IRS Accounting Section. For copies from the Statistics of Income Division, please write:

Director, Statistics of Income Division (R:S)
Internal Revenue Service
P. O. Box 2608
Washington, DC 20013

BUSINESS SOURCE BOOKS:

- *Corporation Source Book, 1987, Publication 1053 -- Price \$175.00*

This 480-page document presents detailed income statement, balance sheet, tax and investment credit items by major and minor industries and size of total assets. The report, which underlies the *Statistics of Income--Corporation Income Tax Returns* publication, is part of an annual series and can be purchased for \$175 (issues prior to 1982 are for sale at \$150 per year). A magnetic tape containing the tabular statistics for 1986 can be purchased for \$1,500.

- *Partnership Source Book, 1957-1983, Publication 1289 -- Price \$30.00*

This 291-page document shows key partnership data for 1957 through 1983, at the minor, major and division industry levels. It includes a historical definition of terms section and a summary of legislative changes affecting the comparability of partnership data during that period. Tables show:

- | | | |
|--------------------------|------------------------|------------------------|
| o Number of partnerships | o Depreciation | o Payroll |
| o Number of partners | o Taxes paid deduction | o Payments to partners |
| o Business receipts | o Interest paid | o Net income |

(A magnetic tape containing the tabular statistics for partnerships can be purchased for \$300 from the National Technical Information Service, U.S. Department of Commerce, Springfield, VA 22161.) More recent partnership data are published annually in the *Statistics of Income Bulletin*.

- *Sole Proprietorship Source Book, 1957-1984, Publication 1323 -- Price \$95.00*

This *Source Book* is a companion to that for partnerships, described above. It is a 244-page document showing key proprietorship data for 1957 through 1984. Each page contains statistics for a particular industry. Tables show:

- | | | |
|------------------------|------------------------|--------------|
| o Number of businesses | o Depreciation | o Payroll |
| o Business receipts | o Taxes paid deduction | o Net income |
| o Interest paid | | |

STATISTICS OF INCOME DIVISION

PUBLICATIONS AND TAPES

A magnetic tape containing the tabular statistics can be purchased for \$245. As with partnerships, more recent (nonfarm) sole proprietorship data are published annually in the *Statistics of Income Bulletin*.

COMPENDIUMS:

○ ***Studies of International Income and Taxes, 1979-1983, Publication 1267 -- Price \$45.00***

This report presents information from 13 *Statistics of Income* studies in the international area (many of them previously published in the *SOI Bulletin*), including:

- | | |
|---|--|
| ○ Foreign activity of U.S. corporations | ○ Data presented by-- |
| ○ Activity of foreign corporation in the United States | geographical area or industrial activity, as well as other classifiers |
| ○ Foreign interests in U. S. corporations | |
| ○ Statistics related to individuals, trusts and estates | |

○ ***Partnership Returns, 1978-1982, Publication 369 -- Price \$22.00***

This report presents previously unpublished *Statistics of Income* data for 1980, 1981 and 1982, as well as data previously issued in the *SOI Bulletin* and in other publications. Features include:

- | | | |
|--------------------------------|-----------------|-----------------------|
| ○ Number of partnerships | ○ Deductions | ○ Data presented by-- |
| ○ Limited partnerships | ○ Net income | industry |
| ○ Receipts | ○ Capital gains | size of total assets |
| ○ Cost of sales and operations | | State |
| | | number of partners |

REIMBURSABLE SERVICES (prices dependent on the request):

○ **Public Use Magnetic Tape Microdata Files**

This includes individual income tax returns for 1978-1986. (Individual income tax returns for 1966-1977 are available from the Center for Electronic Records (NNX) of the National Archives and Records Administration, Washington, DC 20408.) Files containing more limited data for each State are also available for 1985. All of these files have been edited to protect the confidentiality of individual taxpayers. Private foundations for 1982, 1983 and 1985 and nonprofit charitable organizations for 1983 and 1985 are also available from the Statistics of Income Division. The individual, private foundation and charitable organization files are the only microdata files that can be released to the public.

○ **Migration Data**

Compilations showing migration patterns, from where to where, by State and county, based on year-to-year changes in the tax return address. Data are available for selected time periods (according to the years in which returns were filed) between 1978 and 1988 and include counts of the number of individual income tax returns and personal exemptions. In addition, county income totals are available for Income Years 1982 and 1984 through 1987.

STATISTICS OF INCOME DIVISION

PUBLICATIONS AND TAPES

- **Other Unpublished Tabulations**

Unpublished tabulations also from *Statistics of Income (SOI)*, including detailed tables underlying those published in the *SOI Bulletin*. Special tabulations may also be produced, depending on the availability of SOI computer programming resources.

OTHER PUBLICATIONS:

The following *Statistics of Income* publications are available from the Superintendent of Documents, U.S. Government Printing Office. For copies write:

Superintendent of Documents
U.S. Government Printing Office
Washington, DC 20402

Statistics of Income (SOI) Bulletin (Quarterly), **Publication No. 1136**
Stock Number 748-005-00000-5 -- Subscription price \$20.00; Single copy price \$7.50

Provides the earliest published financial statistics from individual and corporation income tax returns. The *Bulletin* also includes annual data on sole proprietorships and partnerships, as well as from periodic or special studies of particular interest to tax analysts and administrators and to economists. Historical tables include data from *SOI* as well as on tax collections and refunds by type of tax.

Statistics of Income--1986, Corporation Income Tax Returns, **Publication No. 16**
Stock Number 048-004-02290-7 -- Price \$10.00

This report presents more comprehensive and complete data on corporation income tax returns with accounting periods ended July 1986 through June 1987, than those published earlier in the *SOI Bulletin*.

Presents information on--

- o Receipts
- o Deductions
- o Net income
- o Taxable income
- o Income tax
- o Tax credits
- o Assets
- o Liabilities

o Data classified by--

- industry
- accounting period
- size of total assets
- size of business receipts

Statistics of Income--1986, Individual Income Tax Returns, **Publication No. 1304**
Stock number 048-004-02285-1 -- Price \$11.00

This report presents more comprehensive and complete data on individual income tax returns for 1986 than those published earlier in the *SOI Bulletin*.

o Presents information on--

- Sources of income
- Exemptions
- Itemized deductions
- Tax computations

o Data presented by--

- size of adjusted gross income
- marital status

Correction to the Winter 1989-1990 issue of the
Statistics of Income Bulletin

Partnership Returns, 1987

Please substitute the following "Summary" for that which appeared on page 9 of the above issue.

SUMMARY

Income Year 1987 was the first transitional year under the Tax Reform Act of 1986. Although it is not possible to fully assess the effects of the changes introduced by the Act from 1 year's data, the 3.2 percent reduction in the number of partnerships filing for 1987 as well as the 68.8 percent reduction in net losses from \$17.4 billion for 1986 to \$5.4 billion for 1987 would strongly suggest that at least the initial effects of tax reform are reflected in the 1987 partnership data.

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By Michael Strudler and Emily Ring	5
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For Tax Year 1988, the first year for which most provisions of the Tax Reform Act of 1986 were implemented, adjusted gross income (AGI) reported on the 110 million individual income tax returns filed was almost \$3.1 trillion, an increase of 11.7 percent from 1987. Total income tax rose to \$416.1 billion, up 12.7 percent from 1987. For taxpayers as a whole, income taxes increased slightly from 13.3 percent to 13.4 percent of AGI.

Estate Tax Returns, 1986-1988

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There were an estimated 45,800 U.S. citizens who died in 1986 with gross estates above \$500,000. These decedents made up almost 2.2 percent of the total U.S. decedent population for 1986 and had a combined total gross estate of over \$66 billion. Corporate stock was the most significant asset for 1986 decedents, followed by real estate.

Estimates of Personal Wealth, 1986

By Marvin Schwartz and Barry Johnson	63
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Approximately 3.3 million people had "gross assets" of \$500,000 or more for 1986. The net worth of these individuals, the Nation's "top wealthholders," was nearly \$3.8 trillion and accounted for approximately 28.5 percent of the personal wealth in the United States in 1986. Approximately 941,000 individuals had a net worth of \$1 million or more, nearly twice the 475,000 total for 1982.

The Intergenerational Wealth Study: Basic Estate Data, 1916-1945

By Janet G. McCubbin	79
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This article provides an overview of basic demographic and financial data from over 348,000 returns filed for individuals who died between 1916 and 1945. The portion of returns filed for women increased by about 25 percent over this period. In most years women were, on average, less wealthy than men, but this began to change during the mid-1930's. Age was not highly correlated with size of gross estate, but because older decedents have less indebtedness, net worth increased with age. Distribution of estate wealth changed during the 30-year period. This coincided with the Great Depression and was consistent with the general decrease in the concentration of wealth in the United States.

Controlled Foreign Corporation, 1984: A Geographic Focus

By John J. Bradford	115
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For 1984, more than 1,100 large U.S. multinational corporations controlled over 28,500 foreign corporations and financial information was reported with the tax return as filed for 27,000 of them. Gross business receipts of \$625 billion were recorded on assets of \$595 billion for these foreign subsidiaries. While their business receipts declined by 4 percent from 1982, the last prior year for which data were compiled, pre-tax earnings and profits for foreign corporations showed a substantial increase. Roughly \$48.6 billion in earnings before taxes were reported, an increase of 32 percent from 1982. The taxes these corporations paid rose by 40 percent to \$19.7 billion for 1984.

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SOME OBSERVATIONS AND INSIGHTS

The principal purpose of this column is to highlight some of the major activities currently underway in the Statistics of Income (SOI) Division. Periodically, we revisit some of the items discussed in previous issues. Such is the case here, as we bring you a progress report on quality improvement activities being undertaken in the Division.

As you may recall, our first "quality initiative" was reported on in the Winter 1988-1989 issue of the *SOI Bulletin* -- that is, the development of a better system for locating returns needed for the SOI corporation samples. Since then, the SOI Division has added two more initiatives -- one on the control and use of magnetic tapes and another on production of the *SOI Bulletin*, itself.

Quality improvement teams comprised of volunteers from the Division have been assembled for all three of these efforts. Each team follows a systematic process, known as the "quality improvement process" or QIP, whereby chronic problems are analyzed and solutions are developed. A key factor in the success of this process is that care be taken to look behind the symptoms for the underlying or "root" causes.

Our Division's first QIP, on tracking missing returns, has essentially accomplished its original goal; in fact, the system developed is still operating to ensure that returns will continue to be tracked more effectively. The QIP on the

SOI Bulletin, our most recent project, while still in its infancy, is close to developing a specific problem statement, which will determine the course this team will take. The Tape Management QIP is already underway and a brief look at the progress to date will be the focus of the remainder of this column.

Tape Management QIP

The decision to tackle a QIP on the control and use of magnetic tapes resulted from the SOI Division's growing tape problems -- unreadable tapes, undocumented tapes and missing or unlabelled tapes, to name the major ones. These problems meant that either data on tape were not available or were not available in a timely fashion, thus affecting not only their usefulness for tax policy research, national income accounting and economic analysis, but also the timeliness and availability of our statistics.

The QIP Team studying the situation is composed of five members--LOUISE COLE, CHARLES DAY, RUSSELL LEE, ELLIE MASON and team leader, ELIZABETH NELSON. The goal of this team is to improve the procedures used by SOI in shipping, storing, and documenting magnetic tapes. This approach to quality improvement -- identifying problems in procedures applicable to magnetic tapes and attempting to correct these procedures in order to improve the timeliness and availability of data -- exemplifies the "process approach" to quality control which has been successfully

advocated by such leaders in the field as W. Edwards Deming and J. M. Juran.

The QIP team uses the quality improvement process -- a proven, formal approach to identifying and resolving systemic problems consisting of a well-defined set of steps that will lead to tangible ends. A unique characteristic of the process is that *all* decisions are made by a consensus of the team. Once the team has defined a specific problem or problems and determined the root causes of that problem, it recommends practical changes to remove the causes. With the support of the "quality council" (a permanent group of managers and employees, which sponsors, supports and steers the work of QIP teams), the team then helps to implement the changes and track their effectiveness. Since this is an iterative process, the team may return, at any stage, to a previous step, if it decides that is necessary.

The Tape Management Quality Improvement Process Team received formal training in the quality improvement process in November 1989, and began meeting regularly later that month. First, the members "brainstormed" questions relating to all aspects of SOI's use of magnetic tapes. They then gathered information by administering a 9-page questionnaire to all Division members during the period March 5 to May 30, 1990. The Team is now analyzing the results of this questionnaire and has drafted a problem statement. One finding has already become apparent: the SOI Division suffers from more than one kind of prob-

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lem involving tape management, and additional QIP teams may be desirable to address these difficulties.

In future issues of the *Bulletin*, we will provide occasional updates on those QIP initiatives and their solutions that may be of interest as these quality efforts progress.

Fritz Scheuren
Director
Statistics of Income

THIS ISSUE AT A GLANCE

Three articles in the Spring 1990 issue of the *Bulletin* focus on data produced from estate tax returns. Two other articles focus on early data produced from the individual and corporation tax returns for 1988 and 1987, respectively. A brief abstract of each article is provided below:

Estate Tax Returns, 1986-88.--This article presents data on estate tax returns (Form 706) filed in 1986, 1987, and 1988. It concentrates though on the estates of decedents who died in 1986, regardless of when returns for their estates were filed.

The Intergenerational Wealth Study: Basic Estate Data, 1916-1945.--This article presents an overview of basic demographic and financial data from estate tax returns filed for individuals who died between 1916 and 1945. (The Intergenerational Wealth Study is a longer range study which will include data from these returns, as well as from returns of decedents who died more recently.)

Estimates of Personal Wealth, 1986.--This article presents estimates of the personal wealth of top wealthholdings in 1986, from a sample of estate tax returns for 1986 decedents filed between 1986 and 1988, using the "estate multiplier" technique.

Individual Income Tax Returns, Preliminary Data, 1988.--Preliminary data, published annually, provide the first comprehensive statistics based on individual income tax returns (Forms 1040, 1040A and 1040EZ) for returns filed the year before. This article focuses on the returns filed for 1988.

Controlled Foreign Corporations, 1984: A Geographic Focus.--This article presents data, by country, based on schedules for each "controlled foreign corporation" filed with the income tax returns of the largest domestic corporations for 1984.

BEHIND THE SCENES

You may have noticed that half the articles in this issue are devoted to the Intergenerational Wealth Study and other estate tax-related studies. This was no accident. For several years now the SOI Division has been creating an "intergenerational data base," derived from estate tax returns filed from 1916 (the inception of the tax) to the present. The current file of nearly 350,000 returns covers the period 1916-1945.

Over the years, we have routinely collected estate tax return data in order to provide Congress and the

Treasury with information necessary for tax policy formulation and revenue estimation. Since 1962 and, most recently, for 1986, the data have been used to develop occasional estimates of personal wealth. The intergenerational data base presents another major use, by offering opportunities to researchers from such disciplines as economics, demography, law, epidemiology and sociology to gain insights into changes in the concentration of wealth and on the transfer of wealth from one generation to another.

These wealth and estate tax studies are being conducted by the Division's Foreign Special Projects Section, under the guidance of MIKE ALEXANDER. After much long and painstaking effort, MARVIN SCHWARTZ, JANET MCCUBBIN, BARRY JOHNSON and ELIZABETH NELSON, the primary analysts developing and analyzing the file, are now beginning to see the fruits of their labors. Some of their research is reflected in three articles in this issue.

These SOI staffers have faced an enormous task in digging through massive collections of old documents to develop a useful data file. Fortunately, they have had some "outside" help. To facilitate their research efforts, SOI Division has assembled an advisory panel of experts in economics, statistics, demography, tax law and estate planning from both the private and public sectors. They are working on such topics as the construction of wealth distributions, the determinants of life savings, the factors

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influencing the transfer of personal wealth, enhancements to record linkage methodologies, and the preservation of taxpayer confidentiality.

The SOI Division has also been working to generate interest in these data outside IRS. In order to ensure privacy and confidentiality, access to these files must be limited and controlled. One way the data have been made available is through our visiting scholars program. The Intergovernmental Personnel Act (IPA) of 1970 permits the temporary assignment of personnel between the Federal Government and State or local Governments, institutions of higher education, and other eligible organizations. At present, the IPA arrangement is being used to permit "outside" researchers to use the Intergenerational Wealth Study and other estate-related data in a variety of special studies. Their results should provide IRS with much greater insight into the data base and its usefulness for tax policy purposes.

Under the current program, two visiting scholars have been using these data:

- REMI CLIGNET, a professor of sociology at the University of Maryland, is examining the extent to which ethnic traditions of decedents govern their financial behavior and how this behavior affects the financial mobility of the heirs as assets are passed from one generation to the next; and

- SHARON BROUGHAM, an assistant professor of accounting at Metropolitan State College in Colorado, is examining the revenue effects of integrating the estate tax into the income tax and estimating the impact such a tax reform would likely have on behavior regarding charitable bequests.

Our wealth and estate tax studies are also being made known to various professional organizations through the efforts of JEFF ROSENFELD, a professor of sociology at Nassau Community College, Garden City, New York, and a former visiting scholar under the IPA arrangement. In addition to his own research comparing State tax and probate data with Federal estate tax data, Jeff recently arranged for Janet McCubbin to attend the May 1990 Research Planning Conference of the Life Insurance Marketing and Research Association (LIMRA). At the conference, Janet spoke on the Intergenerational Wealth Study (IWS) and other IRS estate tax-related efforts in a session chaired by WALT ZULTOWSKI, a Vice-President of Research at LIMRA and also a member of our IWS Advisory Panel. Also noteworthy are two meetings held in New York City during the past year, for which Jeff arranged focus groups -- the first with a number of estate tax attorneys and the second with trust officers from banks -- for the purpose of getting ideas about the kind of research that is needed in this area.

All of these outside activities have proven beneficial and en-

hanced our ongoing efforts to produce a useful data base. They have also aided us in our decision to resume data collection, by abstracting information from additional returns, in order to expand our file to include data up through the 1970's, at least for some States. Work is also underway on a publication on the Intergenerational Wealth Study to include very detailed tables with some explanatory text, references, and a floppy disk covering primarily 1916-1945. This report should be available within a year.

Qualifying researchers interested in accessing microdata -- or in reviewing information from the files already completed by the SOI Division -- may write to us at the address provided in the front of this issue.

YOUR CALL

This column will cover a broad spectrum of items this time, because there are a number of noteworthy activities involving the SOI Division that we felt would be of interest.

- First, the Commissioner of Internal Revenue will soon be testifying before the Subcommittee on Oversight of the House Ways and Means Committee on the U.S. taxes paid by foreign-controlled U.S. corporations compared to the U.S. taxes of other domestic corporations. He will also be addressing questions on the related subject of transfer pricing practices of U.S. companies and their foreign affiliates. CHRIS CARSON and

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JIM HOBBS, of the Foreign Statistics Branch, and BOB WILSON, of the Coordination and Publications Staff, have been working closely with other IRS officials and with Treasury's Office of Tax Analysis, to help in the preparation of data for use in this testimony. They have provided industry and country information on foreign-controlled U.S. corporations and industry data for U.S. corporations, in general. Jim's knowledge of foreign-controlled U.S. companies, about which he has written on several occasions in the *SOI Bulletin*, was particularly helpful in developing the needed tabulations.

- Next, a number of members of the SOI Division attended the May Seminar on the Quality of Federal Data sponsored by the Council of Professional Associations on Federal Statistics (COPAFS). This 2-day conference focused on a variety of topics that have been explored in the Statistical Policy Working Paper series over the past decade by the Federal Committee on Statistical Methodology, an interagency group sponsored by the Office of Management and Budget. Some of the conference topics included: statistical uses of administrative records, enhancements to disclosure-avoidance techniques and development of cognitive laboratories (which provide additional in-

sight into social and psychological factors affecting responses to survey questionnaires) for statistical and social research. Three of our staff members presented papers:

- FRITZ SCHEUREN discussed "Paradigm Shifts Using Administrative Records," in which he proposed a possible role administrative records might play in a new approach to census-taking;
 - TOMPETSKA spoke about the disclosure arrangements that made it possible for several agencies to work together on an Employer Reporting Unit Match Study; and
 - YAHIA AHMED presented a paper about recent research in Federal statistical agencies on editing to detect and correct errors in data.
- Overall, for those who participated in the seminar -- both users and producers of Federal statistics -- it was an opportunity to share experiences and ideas, discuss technical issues and consider future policy initiatives.
- Finally, in response to changes suggested by our subscribers through the User Survey -- see the form in the back of each issue of the *Bulletin* -- a change is being made to the basic tables we

produce. For the first time since 1980, we are providing a size distribution of individual income and tax by State for selected items. This will replace the former Table 2 in the "Selected Historical Data" section at least once a year (the colored paper portion of each *SOI Bulletin*). Up until now Table 2 provided only totals by State. Our future plans call for further expanding on this, next year, by adding more size classes and items to the table. We hope these changes will make our data more useful to you, our users.

UPCOMING FEATURES

The following are a few of the articles to look for in upcoming issues of the *SOI Bulletin*:

- Corporate Foreign Tax Credit, 1986;
- Corporation Income Tax Returns, Preliminary Data, 1987;
- Foreign Corporate Investment and Activity in the United States, 1986 and 1987;
- Individual Income Tax Rates, 1987;
- Partnership Returns, 1988; and
- Sole Proprietorships, 1988.

Individual Income Tax Returns, Preliminary Data, 1988

By Michael Strudler and Emily Ring*

For 1988, the first year for which most provisions of the Tax Reform Act of 1986 (TRA) were implemented, adjusted gross income reported on the 110 million individual income tax returns was almost \$3.1 trillion, an increase of 11.7 percent from 1987. Total income tax rose to \$416.1 billion, up 12.7 percent from 1987. The continuation of the phasing out of "passive losses" that began with 1987 was reflected in a \$38.3 billion increase in partnership and S Corporation net income. Income items such as pensions and annuities, dividends, and taxable social security benefits all increased significantly.

ADJUSTED GROSS INCOME, TAXABLE INCOME, AND TOTAL INCOME TAX

For 1988, adjusted gross income (AGI) rose to over \$3 trillion for the first time. As seen in Figure A, AGI (less deficit) increased by 11.7 percent over 1987, while taxable income increased by 12.5 percent from \$1.9 trillion to \$2.1 trillion.

Total income tax rose to \$416.1 billion for 1988, a 12.7 percent increase over 1987. This was mostly a result of the increased income and decreased losses included in AGI (both of these are described in greater detail below).

As can be seen in Figure B, for all taxpayers taken together, taxes as a percentage of AGI increased slightly from 13.3 percent to 13.4 percent of AGI. However, the average tax rate declined for each income class. The seeming contradiction of an increase in the average tax rate for the population as a whole, while the rates for each class declined was probably the result of the large increase in AGI from 1987 to 1988. It appears that much of this increase occurred in the higher income classes, thus leading to a greater proportion of income being taxed at the highest rate in 1988 compared with 1987.

For individuals reporting AGI under \$50,000, there was little change from 1987 in tax as a percentage of AGI, except for a noticeable decline from 6.8 percent to 6.5 percent for those individuals earning between \$10,000 and \$20,000, possibly as a result of the increase in standard deductions. However, in all income classes above \$50,000, tax as a percentage of AGI fell, in some cases quite considerably. The probable cause of this was the lowering of the marginal tax rate for upper income levels (see Definitions and Changes in the Law).

The largest decrease in total income tax as a percentage of AGI occurred for those individuals

Figure A.—Adjusted Gross Income, Taxable Income, Alternative Minimum Tax, and Total Income Tax, Tax Years 1987 and 1988

[Number of returns are in thousands—money amounts are in millions of dollars]

	1987		1988		Percentage increase in amount
	Number of returns	Amount	Number of returns	Amount	
	(1)	(2)	(3)	(4)	(5)
Adjusted gross income (less deficit)	106,996	\$2,773,824	109,809	\$3,097,302	11.7%
Taxable income	90,079	1,850,597	90,097	2,081,050	12.5
Total income tax	86,724	369,203	86,985	416,108	12.7
Alternative minimum tax	140	1,675	88	711	-57.6

*Individual Returns Analysis Section. Prepared under the direction of Jeff Hartzok, Chief. Special assistance was provided by Mario Fernandez and June Walters in producing the tables.

Individual Income Tax Returns, 1988

Figure B.—Number of Returns, Adjusted Gross Income (AGI), and Total Income Tax by Size of Adjusted Gross Income, Tax Years 1987 and 1988

[Number of returns are in thousands—money amounts in millions of dollars]

Tax year, income and tax	Total	Size of adjusted gross income									
		Under \$1	\$1 under \$10,000	\$10,000 under \$20,000	\$20,000 under \$30,000	\$30,000 under \$50,000	\$50,000 under \$100,000	\$100,000 under \$200,000	\$200,000 under \$500,000	\$500,000 under \$1,000,000	\$1,000,000 or more
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Tax Year 1988:											
Number of returns	109,809	981	32,536	25,392	16,740	20,194	11,432	1,795	555	119	65
AGI	\$3,097,302	\$ - 32,203	\$157,798	\$374,444	\$412,599	\$783,091	\$747,082	\$237,769	\$163,444	\$80,743	\$172,535
Total income tax	\$416,108	\$62	\$4,493	\$24,421	\$38,519	\$86,777	\$110,167	\$48,405	\$39,362	\$20,032	\$43,871
Tax as a percentage of AGI	13.4%	(¹)	2.8%	6.5%	9.3%	11.1%	14.7%	20.4%	24.1%	24.8%	25.4%
Tax Year 1987:											
Number of returns	106,996	842	32,672	25,236	16,551	19,468	10,175	1,514	430	75	35
AGI	\$2,773,824	\$ - 39,904	\$160,355	\$370,661	\$408,648	\$752,910	\$659,477	\$200,973	\$124,074	\$50,898	\$85,733
Total income tax	\$369,203	\$157	\$4,629	\$25,074	\$38,410	\$84,156	\$101,150	\$43,415	\$32,978	\$14,745	\$24,490
Tax as a percentage of AGI	13.3%	(¹)	2.9%	6.8%	9.4%	11.2%	15.3%	21.6%	26.6%	29.0%	28.6%

¹ Less than 0.05 percent

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

earning between \$500,000 and \$1 million. Taxes in this class went from 29.0 percent of AGI to 24.8 percent of AGI. For those individuals reporting \$1 million or more in AGI, taxes as a percentage of AGI decreased from 28.6 percent to 25.4 percent. For 1987, taxes of individuals reporting \$1 million or more in AGI were a smaller percentage of income than they were for individuals in the \$500,000 to \$1 million group. This was reversed for 1988, and individuals in the \$1 million and over AGI class had the highest average tax rate.

As can be seen in Figure A, the alternative minimum tax fell by 57.6 percent for 1988, from \$1.7 billion to \$0.7 billion. This followed a decrease from \$6.7 billion for 1986. The alternative minimum tax was put into place in order to ensure that individuals with "tax preferences" (such as capital gains excluded from taxable income) still had to pay taxes. One of the features of the TRA was the major reduction in the number of such preferences.

SELECTED SOURCES OF INCOME

Figure C displays total positive income (i.e., income without regard to losses) and its components, for the tax years 1987 and 1988 [1]. All sources of positive income increased except for unemployment compensation, which declined by 5.3 percent from the amount reported for 1987. The largest percentage gains from 1987 to 1988 were for "other income" (34.2 percent), partnership and S Corporation net income (32.3 percent), the combined total of taxable distributions for pensions, annuities, and Individual Retirement Arrangements (IRAs) (21.2 percent), dividends (16.7 percent), and taxable social security benefits (15.8 percent). For 1988, total positive income included in AGI increased by 10.1 percent from 1987 levels.

As can be seen in Figure D, salaries and wages constituted 71.9 percent of total positive income. For 1988, salaries and wages increased by 8.5 percent from 1987 to over \$2.3 trillion. The average salary increased by 5.6 percent to \$25,114 per return (for those returns reporting salaries and wages).

Figure D also shows that the largest nonwage sources of income were interest (19.9 percent of nonwage income, 5.6 percent of total positive income); net capital gains (17.5 percent of nonwage income, 4.9 percent of total positive income); and pensions, annuities and IRA distributions (16.5 percent of nonwage income, 4.6 percent of total positive income).

Interest income, the largest nonwage source of income, grew by 8.1 percent from 1987, while average interest grew by 5.1 percent to \$2,623 per return (with interest). The next highest nonwage source of income was from the sale of capital assets. For the first time since 1921, long-term capital gains were treated the same as "ordinary" income for individual income tax purposes. Although the 60 percent exclusion of long-term capital gains was repealed in 1987, the maximum tax rate on these gains for 1987 was limited to 28 percent compared to 38.5 percent for all other sources of income. For 1988, the maximum tax rate on capital gains was the same as for all other sources of income [2]. Despite this change in the law, capital gains (less losses) increased by 10.8 percent from \$137.4 billion in 1987 to \$152.3 billion in 1988. As can be seen in Figure E, net capital gains before exclusion (which includes losses before limitation) were considerably less than the record that was reported for 1986 and were also \$28.2 billion less than the total for 1985 [3]. However, the 1988 net gain (less loss) represents the largest amount of capital gains ever included in AGI.

Figure C.— Comparison of Selected Sources of Positive Income, Tax Years 1987 and 1988

[Number of returns are in thousands—money amounts are in millions of dollars]

Item	1987		1988		Percentage increase in amount
	Number of returns	Amount	Number of returns	Amount	
	(1)	(2)	(3)	(4)	(5)
Total positive income ¹	n.a.	\$2,965,666	n.a.	\$3,264,962	10.1%
Salaries and wages	90,984	2,163,906	93,464	2,347,226	8.5
Taxable interest	67,934	168,966	69,594	182,574	8.1
Dividends	22,324	66,791	22,862	77,934	16.7
Business or profession, net income	9,884	123,783	10,473	140,336	13.4
Net capital gains	11,714	144,176	9,631	160,247	11.1
Net gain, sales of property other than capital assets	983	5,274	963	6,039	14.5
Social security benefits in AGI	3,637	12,524	4,048	14,500	15.8
Rents and royalties, net income	4,575	24,657	4,770	27,264	10.6
Partnerships and S Corporations, net income	2,559	72,370	2,808	95,718	32.3
Farm net income	1,054	10,714	934	11,042	3.1
Unemployment compensation	7,371	12,287	6,985	11,639	-5.3
Pensions, annuities, and IRA distributions in AGI	16,498	124,755	n.a. ²	151,194	21.2
Other income (net)	6,198	15,828	6,092	21,239	34.2

¹ Sources of income shown below represent an incomplete list and do not add to total positive income. "Other income" represents only data reported on the Form 1040 "other income" line.² For 1987, pensions, annuities, and taxable IRA distributions were all reported on one line on Form 1040. For 1988, pensions and annuities were reported on one line and taxable IRA distributions on another line. The number of returns with a combination of pensions and annuities and IRA distributions was not tabulated.
n.a. - not available.

The fourth largest source of income was the combination of pensions, annuities, and IRA distributions, which increased by 21.2 percent from \$125 billion for 1987 to \$151 billion for 1988. While this amount has been increasing steadily over the years (for example, it increased by 13.2 percent for 1986 and 15.8 percent for 1987), the large increase for 1988 appears to have been partially attributable to the elimination of the 3-year recovery rule for pensions and annuities under the TRA [4]. While this rule was eliminated in July 1986 and no further changes were made in the law for 1988, the number of retirees who could be included under the old rules is declining with each year [5].

LOSSES

As can be seen in Figure F, total losses included in 1988 AGI decreased by \$23.0 billion, or 14.8 percent, from 1987. Most of this reduction is due to the decrease in partnership and S Corporation net losses. The decline in partnership and S Corporation net losses was largely attributable to a phasing in of that portion of the TRA concerning passive activity losses. Passive activity losses are those losses that are generated by any trade, business, or rental activity in which the taxpayer did not materially participate (i.e., was not involved on a regular basis in that operation's activities). The 1986 Act imposed limitations on the extent to which these losses could be recognized for income tax purposes.

Previous to the TRA, the concept of passive losses did not exist, and such losses were completely recognized for income tax purposes. With these losses included, partnership and S corporation net

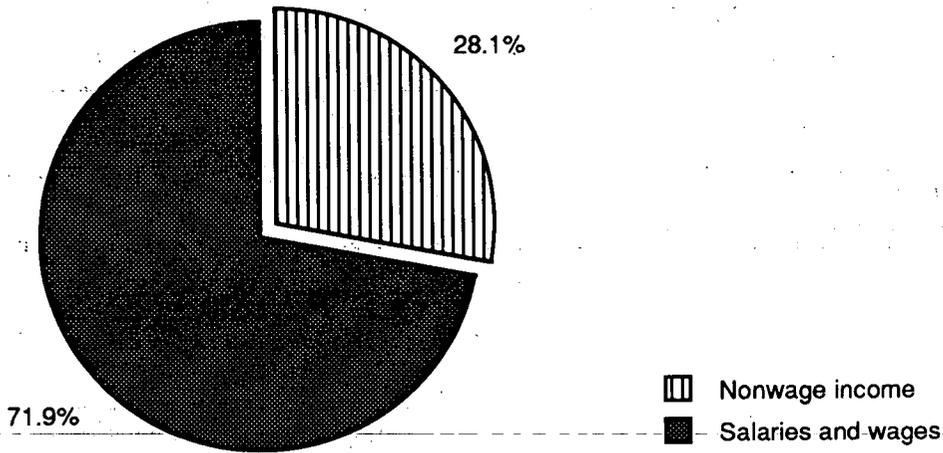
income (less losses) was \$5.9 billion for 1986. Under the TRA, some of the losses for passive activities entered into before October 23, 1986 were allowed to offset "nonpassive income". For Tax Year 1987, the first year for which any limitations were imposed, 65 percent of such passive losses could be used to offset nonpassive income, and partnership and S Corporation net income (less losses) rose to \$24.3 billion. For Tax Year 1988, only 40 percent of such losses were allowed to offset nonpassive income. As seen in Figure F, net losses decreased by 31.1 percent from 1987 to 1988, so that net income (less losses) increased by \$38.3 billion, from \$24.3 billion to \$62.6 billion (see Figure G).

Another item affected by the Tax Reform Act of 1986 was net income from rental real estate. Under the TRA, all losses relating to such activities were considered to be passive. They were treated like any other passive loss, except that up to \$25,000 could be deducted to offset nonpassive income, such as wages or dividends. For taxpayers whose AGI exceeded \$100,000, the \$25,000 exception was reduced by 50 percent of the amount by which AGI exceeded \$100,000. This effectively eliminated the \$25,000 exception altogether for taxpayers with an AGI over \$150,000 [6].

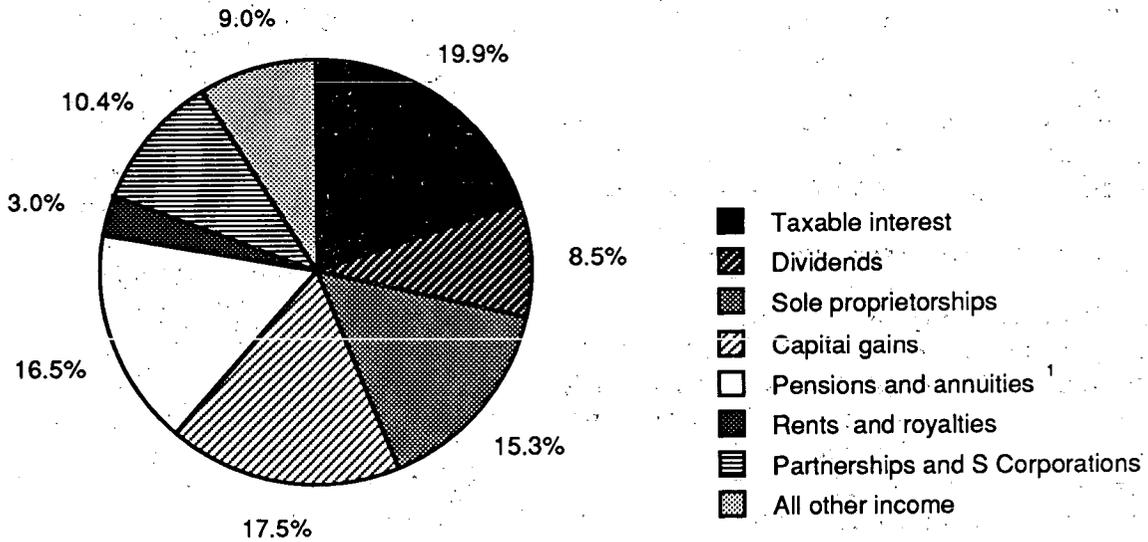
For 1988, nondeductible rental losses rose by 35.7 percent from \$2.8 to \$3.8 billion. This contributed to rent and royalty net losses decreasing by 12.4 percent from 1987 to 1988, as seen in Figure F. Overall, rent and royalty net income went from -\$7.3 billion for 1987 to -\$0.7 billion for 1988 (see Figure G).

Figure D
Sources of Positive and Nonwage Income, Tax Year 1988

Sources of Positive Income



Nonwage Income



¹ Includes Individual Retirement Arrangement distributions.

Figure E.—Net Capital Gains (Less Losses) Before and After Exclusion and Limitation of Losses, Tax Years 1980–1988

(Number of returns are in thousands—money amounts are in millions of dollars)

Tax year	Number of returns	Net capital gains before exclusion ¹	Percentage increase in amount	Net capital gains exclusion ²	Percentage increase in amount
	(1)	(2)	(3)	(4)	(5)
1980.....	8,988	\$56,167	2.3%	\$29,660	4.3%
1981.....	9,557	58,682	4.5	30,819	3.9
1982.....	9,734	65,022	10.8	34,404	11.6
1983.....	10,918	97,097	44.3	49,408	43.6
1984.....	12,448	111,387	14.7	54,519	10.3
1985.....	12,579	140,907	26.5	68,278	25.2
1986.....	15,560	295,871	110.0	132,842	93.2
1987.....	15,468	108,467	-63.4	137,402	3.4
1988.....	14,206	112,691	3.9	152,295	10.8

¹ Includes net losses before limitation.² This amount was after the limitations on losses and was the amount included in AGI.**Figure F.—Number of Returns and Net Losses By Type Included in Adjusted Gross Income Reported for Selected Sources, Tax Years 1987 and 1988**

(Number of returns are in thousands—money amounts are in millions of dollars)

Item	1987		1988		Percentage increase in amount
	Number of returns	Amount	Number of returns	Amount	
	(1)	(2)	(3)	(4)	
Total net losses.....	n.a.	\$155,333	n.a.	\$132,299	-14.8%
Partnerships and S corporations, net loss.....	3,016	48,056	2,916	33,118	-31.1
Rents and royalties, net loss.....	5,317	31,980	5,139	28,016	-12.4
Estates and trusts, net loss.....	111	725	65	486	-33.0
Business or profession, net loss.....	3,118	18,322	3,075	17,904	-2.3
Farm net loss.....	1,367	12,038	1,477	14,044	16.7
Net capital loss ¹	3,754	6,774	4,576	7,952	17.4
Sales of property other than capital assets.....	794	4,624	790	3,842	-16.9
Other loss (net).....	524	32,814	457	26,937	-17.9

¹ Includes only the portion of capital losses deducted in calculating AGI.

n.a. - not available.

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

Most nondeductible losses were found in partnerships, S Corporations, and rental property. Estates and trusts and sole proprietorships, other areas with passive loss activity, also showed decreases in net losses for 1988. However, farms, despite the presence of some passive loss activity, actually had an increase in net losses of 16.7 percent for 1988.

STATUTORY ADJUSTMENTS

Statutory adjustments declined by 7.3 percent, from \$30.1 billion for 1987 to \$27.9 billion for 1988. As can be seen in Figure H, this change was primarily attributable to contributions to Individual Retirement Arrangements (IRAs), which decreased by 15.1 percent, from \$14.1 billion for 1987 to \$11.9 billion for 1988. The decrease continues a trend that started after it was made known in 1986 that, under the TRA, IRAs would be limited to those individuals not benefiting from pension plans or those with moderate or lower levels of adjusted gross income [7]. This change in the law dramatically reduced adjustments taken for IRAs from the record level of

\$38.2 billion for 1985 to its 1988 level (under \$12 billion).

ITEMIZED DEDUCTIONS

Standard deductions were increased significantly for 1988 (see Definitions and Changes in the Law), resulting in fewer taxpayers itemizing deductions and lower total itemized deductions. The total number of itemizers declined 10.8 percent from 35.6 million for 1987 to 31.8 million for 1988. Total itemized deductions, shown in Figure I, fell less than 1 percent from \$392.0 billion for 1987 to \$388.6 billion for 1988. This followed a larger (13.1 percent) decrease for 1987, the first year under the TRA. Prior to 1987, itemized deductions had been increasing steadily each year.

The largest decrease in dollar amounts among itemized deductions was the \$4.8 billion decrease in total interest. This happened even though home mortgage interest, the largest component of this deduction, increased by 7.5 percent. However, the

Individual Income Tax Returns, 1988

Figure G.— Comparison of Selected Sources of Adjusted Gross Income (Less Deficit), Tax Years 1987 and 1988

[Number of returns are in thousands—money amounts are in millions of dollars]

Item	1987		1988		Increase in amount
	Number of returns	Amount	Number of returns	Amount	
	(1)	(2)	(3)	(4)	(5)
Adjusted gross income (less deficit) ¹	106,996	\$2,773,824	109,809	\$3,097,302	\$323,478
Salaries and wages	90,984	2,163,906	93,464	2,347,226	183,320
Taxable interest	67,934	168,966	69,594	182,574	13,608
Dividends	22,324	66,791	22,862	77,934	11,143
Business or profession, net income (less losses)	13,002	105,461	13,548	122,432	16,971
Net capital gains (less losses)	15,468	137,402	14,207	152,295	14,893
Net gains (less losses), sales of property other than capital assets	1,777	650	1,753	2,197	1,547
Social security benefits in AGI	3,637	12,524	4,048	14,500	1,976
Rents and royalties, net income (less losses)	9,892	-7,323	9,909	-752	-6,571
Partnerships and S Corporations, net income (less losses)	5,575	24,314	5,724	62,600	38,286
Estates and trusts net income (less losses)	796	4,324	565	3,683	-641
Farm net income (less losses)	2,421	-1,324	2,411	-3,002	-1,678
Unemployment compensation	7,371	12,287	6,985	11,639	-648
Pensions, annuities, and IRA distributions in AGI ²	16,498	124,755	n.a. ²	151,194	26,439
Other net income (less losses)	6,722	-16,986	6,549	-5,698	-11,288

¹ Sources of adjusted gross income shown below represent an incomplete list and do not add to total adjusted gross income. "Other income" represents only data reported on the Form 1040 "other income" line.

² For 1987, pensions, annuities, and taxable IRA distributions were all reported on one line on Form 1040. For 1988, pensions and annuities were reported on one line and taxable IRA distributions on another line. The number of returns with a combination of pensions and annuities and IRA distributions was not tabulated.
n.a. - not available.

Figure H.—Selected Statutory Adjustments, Tax Years 1987 and 1988

[Number of returns are in thousands—money amounts are in millions of dollars]

Type of adjustment	1987		1988		Percentage increase in amount
	Number of returns	Amount	Number of returns	Amount	
	(1)	(2)	(3)	(4)	(5)
Total ¹	11,620	\$30,116	10,713	\$27,924	-7.3%
Reimbursed employee business expense	1,419	4,066	1,373	4,241	4.3
Payments to an IRA	7,319	14,066	6,391	11,946	-15.1
Payments to a Keogh plan	759	6,183	796	6,543	5.8
Alimony paid	597	4,008	569	3,948	-1.5

¹ Includes adjustments not shown separately.

amount of personal interest deducted (such as interest on credit cards and car loans) declined by \$13.3 billion from 1987, largely because the phase out provision for this deduction permitted only 40 percent to be deducted for 1988 compared to 65 percent for 1987. Other deductions that decreased for 1988 included net casualty or theft losses (-10.8 percent), moving expenses (-2.8 percent), and miscellaneous expenses, both those that were in excess of a 2 percent AGI floor (-2.8 percent) and those that were allowed in full (-19.6 percent).

Deductions that increased included charitable contributions (1.8 percent), medical and dental expenses (3.9 percent), and taxes paid (0.6 percent). Contributions deductions rose to \$50.5 billion from \$49.6 billion, despite the 9.8 percent decline in the number of returns claiming this deduction. The increase in the deduction followed a 7.8 percent decline for 1987. The average contributions deduction (per return with charitable contributions) increased 12.9 percent from \$1,540 for 1987 to \$1,739

for 1988. As with medical and dental expenses and taxes paid, in each case, the number of returns declined but the dollar amount of these deductions increased.

TAX CREDITS

Total tax credits (shown in Figure J), rose by 7.3 percent for 1988, from \$6.3 billion to \$6.8 billion. The largest increase occurred in the earned income credit used to offset income tax before credits, which rose 71.8 percent, from \$0.6 billion to \$1.1 billion. This change was largely the result of an increase in the ceiling of over \$3,000 in the amount that an individual could earn and still qualify for this credit (see the Definitions and Changes in the Law section for details).

The \$1.1 billion of the earned income credit used to offset income tax before credits constituted just one part of the total earned income credit of \$5.9 billion. This was an increase of \$2.0 billion from 1987

Figure I.—Selected Itemized Deductions, Tax Years 1987 and 1988

[Number of returns are in thousands—money amounts are in millions of dollars]

Itemized deduction	1987		1988		Percentage increase in amount
	Number of returns	Amount	Number of returns	Amount	
	(1)	(2)	(3)	(4)	
Total	35,628	\$392,020	31,790	\$388,565	- 0.9%
Medical and dental expenses	5,356	17,152	4,743	17,829	3.9
Taxes paid	34,866	119,388	31,241	120,137	0.6
Interest paid ¹	33,126	179,942	29,511	175,148	-2.7
Home mortgage	27,972	136,840	25,917	147,055	7.5
Personal interest	29,418	29,183	25,730	15,908	-45.5
Contributions	32,230	49,624	29,059	50,520	1.8
Casualty or theft losses	220	1,386	133	1,236	-10.8
Moving expenses	961	3,704	902	3,601	-2.8
Miscellaneous expenses after limitation	8,132	18,903	7,362	18,549	-1.9
Other miscellaneous expenses	1,244	1,921	2,132	1,545	-19.6

¹ Also includes investment interest and deductible "points" not shown separately.

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

Figure J.—Selected Tax Credits, Tax Years 1987 and 1988

[Number of returns are in thousands—money amounts are in millions of dollars]

Tax credit	1987		1988		Percentage increase in amount
	Number of returns	Amount	Number of returns	Amount	
	(1)	(2)	(3)	(4)	
Total credits ¹	12,901	\$6,329	14,042	\$6,789	7.3%
Child care credit	8,520	3,438	8,992	3,803	10.6
Earned income credit ²	3,708	642	4,786	1,103	71.8
Credit for the elderly or disabled	354	67	350	67	0.0
Foreign tax credit	560	1,099	556	969	-11.8
General business credit	514	1,019	341	623	-38.9
Credit for prior year minimum tax	N/A	N/A	23	172	N/A

¹ Includes credits not shown separately.

² Represents the portion of the earned income credit that was used to offset income tax before credits. Additional earned income credit amounts were used to offset other taxes and some amounts were paid directly to the taxpayer. The total earned income credit for 1987 was \$3.9 billion (claimed on 8.7 million returns), and for 1988 was \$5.9 billion (claimed on 11.2 million returns).

N/A — Not applicable.

levels. The largest portion of the earned income credit was refunded to individuals who either had no income tax or whose income tax (and other taxes, such as self-employment tax) was already offset by their earned income credit. This amount increased from \$2.9 billion for 1987 to \$4.3 billion for 1988. The number of returns on which the total earned income credit was claimed rose by 27.9 percent, increasing from 8.7 million for 1987 to 11.2 million for 1988.

The child care credit also showed considerable growth, increasing by 10.6 percent from \$3.4 billion for 1987 to \$3.8 billion for 1988. This contrasts with the small increase (1.2 percent) reported for 1987. However, the increase for 1988 was more in line with increases for other recent years.

A third reason for the growth in total tax credits was that a new tax credit was introduced with Tax Year 1988, the credit for prior year minimum tax (see Definitions and Changes in the Law). For 1988, 23,000 individuals who had reported an alternative

minimum tax for 1987 took credits against their 1988 taxes valued at \$172 million.

The general business credit fell for the third straight year, from \$1.0 billion for 1987 to \$0.6 billion for 1988. This decrease continued a trend brought about by the phasing out in 1986 of the major component of the general business credit, the investment credit [8]. The foreign tax credit also decreased by a sizable amount (11.8 percent) from 1987 levels.

SUMMARY

When the Tax Reform Act of 1986 was enacted, the tax code was changed so dramatically that its effect on taxpayer behavior could not be fully anticipated. The preliminary data based on 1988 individual tax returns help answer some of the questions. Positive income increased by 10.1 percent. Losses included in AGI decreased by 14.9 percent, so it appears that the TRA effectively reduced "sheltered" passive losses. The number of individuals

who itemized their returns decreased by 10.8 percent, and, thus, the tax return was simplified for that segment of the population. Income tax as a percentage of AGI decreased or remained the same as 1987 for every level of income. However, for all taxpayers as a whole, income taxes increased slightly from 13.3 percent to 13.4 percent of AGI. Average taxes increased in 1988 as income increased for all income classes.

DEFINITIONS AND CHANGES IN THE LAW

In general, the definition of the terms used are the same as those shown in the complete report, *Statistics of Income--1986, Individual Income Tax Returns*.

The following is a partial list of 1988 tax law and Internal Revenue Service administrative changes that are reflected in the preliminary data in this article. Some of the changes for 1988 were a continuation of the phasing out of some of the deductions or losses allowed prior to the TRA. The major ones, for example, allowable passive losses and the personal interest deduction have been cited in the text above.

- For most taxpayers, the basic standard deduction was increased for 1988 over 1987. The standard deduction rose from \$2,540 to \$3,000 for single taxpayers; and from \$3,760 to \$5,000 for those filing joint returns. In addition, the standard deduction for the other filing categories rose as follows: married filing separately, from \$1,880 to \$2,500; head of household, from \$2,540 to \$4,400; and qualifying widow(er), from \$3,760 to \$5,000. These increased benefits reduced the need for some taxpayers to itemize their deductions [9].
- For 1988, the tax rate schedules contained only two basic rates: 15 percent and 28 percent. However, taxable income over certain levels (\$43,150 if single, \$35,950 if married filing separately, \$61,650 if head of household, and \$71,900 if married filing jointly or a qualifying widow(er)), was subject to an additional 5 percent tax. The purpose of this was to phase out the benefit of the 15 percent tax rate and the benefit of the deduction for personal exemptions for taxpayers and dependents. The benefits of the 15 percent tax rate bracket were increased benefits reduced the need for some taxpayers to itemize their deductions [9].
- For 1988, the tax rate schedules contained

only two basic rates: 15 percent and 28 percent. However, taxable income over certain levels (\$43,150 if single, \$35,950 if married filing separately, \$61,650 if head of household, and \$71,900 if married filing jointly or a qualifying widow(er)), was subject to an additional 5 percent tax. The purpose of this was to phase out the benefit of the 15 percent tax rate and the benefit of the deduction for personal exemptions for taxpayers and dependents. The benefits of the 15 percent tax rate bracket were phased out first. They were completely phased out for an individual at varying levels of taxable income according to filing status: \$89,560 for single taxpayers; \$113,300 for those who were married filing separately; \$123,790 for heads of households; and \$149,250 for those who were married filing jointly and qualifying widow(er)s. After the benefits of personal exemptions were also phased out, the individual then paid a 28 percent tax on each additional dollar of taxable income. Despite some taxpayers being subject to a 33 percent marginal rate on some portion of their income, the individuals with the highest incomes reported the highest average tax rates (as can be seen in Figure B).

- If a taxpayer had "earned income" less than \$18,576 and had a child living with him or her for more than half the year, and met all the other criteria for the earned income credit, that filer was entitled to a credit of up to \$874 for 1988. For 1987, the income ceiling for qualifying for the earned income credit was \$15,432, and the maximum allowed credit was \$851.
- A minimum tax credit could be taken for 1988 by filers who paid alternative minimum taxes for 1987. The credit was that part of the 1987 alternative minimum tax that was based on adjustments or preference items that deferred tax rather than caused permanent avoidance of tax. If all of the minimum tax credit could not be used for 1988, the excess could then be carried forward to later years.

DATA SOURCES AND LIMITATIONS

These preliminary statistics are based on a sample of individual income tax returns (Forms 1040, 1040A, and 1040EZ) filed in 1989. Returns in the sample were stratified based on the presence or absence of Schedule C, Profit (or Loss) from Business or Profes-

sion; the combined Schedule F, Farm Income and Expenses; the larger of "total income" or "total loss," and the size of business plus farm receipts. These returns were selected at rates ranging from 0.02 percent to 100 percent. There were 94,290 returns in the 1988 preliminary sample estimating a total population of 110,088,181. The corresponding sample size and population for the preliminary 1987 data were 108,183 and 107,106,845, respectively. Sample size and population for the final 1987 data referenced in this article were 125,887 and 107,106,845, respectively.

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

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

Figure K.—Estimated Number of Returns for Selected Coefficients of Variation, Tax Year 1988

Number of returns	Approximate coefficient of variation
28,847,000	0.01
7,211,800	0.02
1,153,900	0.05
288,500	0.10
72,100	0.20
32,100	0.30
23,500	0.35
11,500	0.50

While these preliminary estimates are intended to represent a full year of taxpayer reporting, they are actually based on returns processed for tax administration purposes between January and late September 1987. In general, those returns processed after September (which are sampled for use in the revised estimates for the year) tend to have somewhat different characteristics from those filed earlier. Compared to other returns, the characteristics of these later returns include higher income, a larger proportion of investment income (such as from capital gains), a higher average tax liability, and a larger proportion of such other items as the alternative minimum tax.

Figure L provides a comparison of 1987 preliminary and final data. Figure L shows, for example, that certain items, such as AGI and salaries and wages, which are reported on most returns, changed little between preliminary and final data. This contrasts with other items, such as the alternative minimum tax and net gain from sales of capital assets, which tend to be understated in all preliminary estimates.

NOTES AND REFERENCES

- [1] For the purposes of this article, total positive income was a compilation of all line items on the Form 1040, if the line items were positive. The only exception to this was Schedule E (Supplemental Income) net income. Instead of using this total, it was separated into the following components: rental and royalty net income; partnership and S Corporation net income; and estate and trust net income. If any of these component totals were positive on a return, the income on that line was included in total positive income.
- [2] For 1988, the highest tax bracket was 28 percent. However, due to the phasing out of the benefits of the 15 percent tax rate bracket and

Figure L.—Comparison of Preliminary and Final Data, Tax Year 1987

[Money amounts are in millions of dollars]

Item	1987 preliminary data	1987 final data	Change from preliminary to final data	Percentage increase, preliminary to final data
	(1)	(2)	(3)	(4)
Adjusted gross income (less deficit)	\$2,788,011	\$2,773,824	\$ - 14,187	- 0.51%
Salaries and wages	2,169,144	2,163,906	-5,239	- 0.24
Sales of capital assets net gain less loss (after exclusion)	133,487	137,402	3,916	2.93
Total itemized deductions	383,917	392,090	8,103	2.13
Interest paid deduction	174,356	179,942	5,586	3.20
Total tax credits	6,108	6,329	221	3.62
Total income tax	371,258	369,203	-2,055	- 0.55
Alternative minimum tax	1,234	1,675	441	35.74

personal exemptions, certain higher income taxpayers were subject to a "marginal" tax rate of 33 percent.

- [3] For comparison purposes, 1985 net capital gains would be more comparable than 1986. That is because the 1986 amount was greatly affected by taxpayers who sold assets that they might not otherwise have sold in order to take advantage of the 60 percent capital gains exclusion before it was rescinded for 1987 by the TRA.
- [4] Although this category includes IRA distributions, pensions and annuities comprise the bulk (93 percent) of the \$151 billion total.
- [5] As a result of tax reform, all retirees whose annuity payments started after July 1, 1986, were required to prorate the exclusion from AGI of their pension plan contributions over their lifetimes. Prior to the TRA, the 3-year recovery rule allowed retirees' annuities to be tax-free until the amount of their contribution was recovered, provided they could recover the entire contribution within 3 years. With each passing year, fewer taxpayers will be included under this "grandfather clause."
- [6] To determine whether real estate rental losses could be deducted from income, a modified version of AGI was calculated. This was done by taking AGI, excluding all net gains and losses from passive activities, deducting taxable social security and railroad retirement benefits, and adding back any deductions

taken for contributions to qualified retirement plans.

- [7] If the taxpayer (or one of the taxpayers), on a return was covered by a pension plan, a tax-deductible IRA could only be taken if AGI (not including any adjustments for IRAs) was below a certain level. For those who filed as single or head of household, the IRA deduction was eliminated if AGI was \$35,000 or more, and a partial deduction (which was phased out with increasing AGI) could be taken if AGI was within the range of \$25,000 to \$35,000. Taxpayers who were married filing joint returns and qualifying widow(er)s could not deduct any contributions to an IRA if AGI was \$50,000 or more; a reduced deduction was allowed if AGI was between \$40,000 and \$50,000. Finally, for married couples filing separate returns, no deduction was allowed if AGI was \$10,000 or more, and the deduction was gradually phased out if AGI was under \$10,000.
- [8] For Tax Year 1986, the regular 10 percent investment tax credit was repealed for property placed in service after 1985 with the exception of qualified progress expenditures and investment tax credit transition property. For more information about this change in the law, see the "Explanation of Terms" section in *Statistics of Income--1986, Individual Income Tax Returns*.
- [9] Additional amounts were allowed for taxpayers who were age 65 or older, or blind. These amounts, however, remained unchanged from 1987.

Table 1.—All Returns: Selected Income, Adjustments, Deductions, and Tax Items, by Size of Adjusted Gross Income

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

Size of adjusted gross income	Number of returns	Adjusted gross income less deficit (AGI)	Salaries and wages		Taxable interest		Tax-exempt interest ¹		Dividends	
			Number of returns	Amount	Number of returns	Amount	Number of returns	Amount	Number of returns	Amount
			(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
All returns, total.....	109,808,729	3,097,302,476	93,464,145	2,347,226,062	69,594,430	182,574,232	3,545,284	34,565,944	22,861,803	77,933,963
No adjusted gross income.....	980,736	-32,202,690	400,721	6,987,793	637,509	2,879,328	34,682	763,543	213,962	564,806
\$1 under \$1,000.....	3,151,542	1,874,247	2,096,504	2,155,180	1,347,279	566,295	31,068	11,556	311,025	106,414
\$1,000 under \$2,000.....	3,874,366	5,799,250	3,143,349	4,766,713	1,523,166	909,884	20,200	13,612	349,271	201,691
\$2,000 under \$3,000.....	3,616,252	8,993,576	3,114,255	7,748,217	1,469,171	976,944	5,272	3,801	268,964	171,817
\$3,000 under \$4,000.....	3,339,780	11,676,237	2,839,879	9,545,035	1,441,828	1,109,183	13,076	86,556	289,891	315,767
\$4,000 under \$5,000.....	3,127,276	14,050,387	2,578,625	10,974,504	1,283,407	1,400,819	11,575	30,060	276,068	243,527
\$5,000 under \$6,000.....	3,096,885	17,086,658	2,451,676	12,873,653	1,351,758	1,728,575	21,733	57,336	290,890	414,005
\$6,000 under \$7,000.....	3,143,823	20,442,505	2,510,210	15,607,948	1,457,188	2,245,345	12,908	27,928	331,625	368,883
\$7,000 under \$8,000.....	3,141,309	23,501,364	2,438,302	17,001,508	1,379,784	2,625,757	26,734	62,044	349,853	452,904
\$8,000 under \$9,000.....	3,043,969	25,876,728	2,340,201	18,321,141	1,478,523	3,005,250	35,487	65,074	368,172	530,265
\$9,000 under \$10,000.....	3,001,060	28,496,961	2,340,977	20,774,014	1,473,826	2,961,306	28,362	183,070	349,727	683,474
\$10,000 under \$11,000.....	2,846,862	29,880,942	2,281,247	22,239,909	1,386,373	2,693,902	40,580	173,380	366,616	632,069
\$11,000 under \$12,000.....	2,704,483	31,094,103	2,096,825	22,191,645	1,378,880	3,067,879	62,133	190,563	315,574	599,844
\$12,000 under \$13,000.....	2,717,452	33,955,670	2,220,842	25,501,701	1,376,555	2,859,632	32,925	127,894	327,612	684,991
\$13,000 under \$14,000.....	2,791,180	37,651,270	2,278,935	28,298,997	1,476,247	3,188,330	40,582	413,384	388,888	678,502
\$14,000 under \$15,000.....	2,615,657	37,867,980	2,165,500	29,369,048	1,442,576	2,848,836	32,311	149,990	329,035	613,197
\$15,000 under \$16,000.....	2,588,961	40,131,355	2,148,781	31,034,736	1,387,696	2,982,839	58,381	303,592	381,448	808,776
\$16,000 under \$17,000.....	2,356,359	38,925,006	2,014,879	30,758,631	1,321,616	2,813,693	24,120	47,870	370,247	664,990
\$17,000 under \$18,000.....	2,449,543	42,886,890	2,098,369	34,053,709	1,364,557	2,890,737	49,188	294,648	296,225	544,096
\$18,000 under \$19,000.....	2,190,218	40,488,540	1,816,347	30,756,677	1,259,382	2,889,044	50,499	173,379	381,130	919,219
\$19,000 under \$20,000.....	2,130,959	41,561,869	1,839,840	33,321,517	1,295,581	2,591,438	31,244	200,252	358,436	800,868
\$20,000 under \$25,000.....	9,265,634	207,584,614	8,173,939	170,093,251	5,910,496	11,691,966	169,534	721,751	1,577,694	2,825,522
\$25,000 under \$30,000.....	7,474,376	205,014,579	6,795,748	171,757,515	5,316,961	9,562,847	203,695	823,410	1,526,257	2,641,467
\$30,000 under \$40,000.....	11,961,164	415,415,014	10,998,905	352,271,623	9,500,827	18,715,417	438,511	2,348,843	3,055,383	6,045,659
\$40,000 under \$50,000.....	8,232,520	367,676,006	7,641,542	312,684,115	7,143,618	14,778,586	370,962	2,162,923	2,653,847	4,693,817
\$50,000 under \$75,000.....	8,919,835	533,429,045	8,261,019	442,882,997	8,272,212	21,676,010	625,626	4,369,570	3,857,111	9,942,486
\$75,000 under \$100,000.....	2,512,140	213,652,821	2,241,458	160,859,549	2,430,220	12,480,820	363,532	3,521,451	1,466,212	6,123,693
\$100,000 under \$200,000.....	1,795,016	237,769,185	1,525,931	150,246,615	1,754,012	15,858,601	415,981	5,312,457	1,215,418	9,426,924
\$200,000 under \$500,000.....	554,837	163,443,992	455,379	89,205,703	549,234	11,321,398	198,597	4,951,169	433,920	7,940,509
\$500,000 under \$1,000,000.....	119,231	80,742,982	99,547	36,746,171	118,763	5,947,368	57,906	2,923,228	102,244	4,818,481
\$1,000,000 and over.....	65,303	172,535,388	54,414	46,196,249	65,184	11,306,202	37,882	4,051,611	59,057	12,475,300
Taxable returns, total.....	86,984,752	2,997,570,657	75,412,014	2,239,387,039	61,710,856	168,052,558	3,349,173	32,816,986	20,918,525	74,592,965
Nontaxable returns, total.....	22,823,977	99,731,819	18,052,131	107,839,024	7,883,574	14,521,674	196,111	1,748,957	1,943,278	3,340,998

Footnotes at end of table.

Table 1.—All Returns: Selected Income, Adjustments, Deductions, and Tax Items, by Size of Adjusted Gross Income—Continued

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

Size of adjusted gross income	State income tax refunds		Alimony received		Business or profession				Capital gains distributions reported on Form 1040	
	Number of returns	Amount	Number of returns	Amount	Net income		Net loss		Number of returns	Amount
					Number of returns	Amount	Number of returns	Amount		
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	
All returns, total.....	19,629,870	10,890,354	463,973	2,995,916	10,473,148	140,336,317	3,075,329	17,904,176	1,784,122	953,878
No adjusted gross income.....	80,228	101,525	*818	*16,244	117,213	1,219,385	318,515	5,481,752	8,523	5,834
\$1 under \$1,000.....	18,980	8,422	—	—	103,269	174,628	38,920	100,058	57,396	4,539
\$1,000 under \$2,000.....	29,620	3,345	—	—	166,412	213,975	28,530	143,533	43,286	16,625
\$2,000 under \$3,000.....	42,318	17,927	*13,752	*28,787	175,768	364,088	54,398	198,803	39,373	11,911
\$3,000 under \$4,000.....	26,849	9,890	*2,886	*11,254	212,000	573,957	44,018	216,529	*22,916	*6,217
\$4,000 under \$5,000.....	41,232	17,965	*14,429	*52,015	195,300	647,633	40,749	136,278	25,125	6,743
\$5,000 under \$6,000.....	53,100	21,799	*13,752	*47,982	276,350	1,179,146	42,091	160,812	*25,295	*10,920
\$6,000 under \$7,000.....	56,514	10,004	*21,733	*81,117	230,330	872,243	41,544	169,963	32,599	5,277
\$7,000 under \$8,000.....	109,272	29,321	*13,752	*71,527	232,880	1,115,661	26,625	59,333	*13,752	*3,276
\$8,000 under \$9,000.....	72,505	21,652	*13,752	*54,342	211,221	1,104,382	48,607	93,193	29,714	21,783
\$9,000 under \$10,000.....	85,374	29,417	*23,086	*109,100	227,861	1,370,219	25,744	90,668	32,209	17,969
\$10,000 under \$11,000.....	80,650	56,912	*10,866	*45,747	217,077	1,267,091	60,856	222,031	26,732	9,960
\$11,000 under \$12,000.....	112,348	23,977	*5,771	*46,806	196,337	1,108,229	37,495	127,360	*19,524	*10,378
\$12,000 under \$13,000.....	125,290	47,300	*13,752	*79,874	216,471	1,378,237	34,515	105,525	30,294	13,908
\$13,000 under \$14,000.....	145,087	33,621	*2,886	*1,157	236,569	1,591,758	57,988	279,470	*22,590	*9,133
\$14,000 under \$15,000.....	205,404	47,914	*22,409	*76,295	189,840	1,610,450	39,273	169,174	36,838	29,053
\$15,000 under \$16,000.....	197,219	48,676	*11,543	*38,120	187,631	1,317,669	47,706	203,628	*18,847	*18,179
\$16,000 under \$17,000.....	204,039	48,367	*10,866	*16,586	203,150	1,590,745	45,897	138,785	35,811	19,568
\$17,000 under \$18,000.....	278,963	80,127	*10,866	*35,894	245,403	1,812,720	48,601	225,442	34,191	19,163
\$18,000 under \$19,000.....	182,123	59,851	*11,543	*52,275	187,548	1,516,145	49,702	202,267	28,864	9,488
\$19,000 under \$20,000.....	257,912	90,859	*12,458	*123,719	213,944	1,910,503	36,622	207,838	*24,523	*14,245
\$20,000 under \$25,000.....	1,396,254	424,102	56,040	299,971	903,816	8,104,552	263,002	1,213,783	127,780	66,253
\$25,000 under \$30,000.....	1,685,624	621,023	29,616	180,790	818,329	7,664,153	216,660	748,626	148,868	51,816
\$30,000 under \$40,000.....	4,100,348	1,466,947	65,416	559,396	1,305,090	13,228,715	432,737	1,503,750	259,657	142,332
\$40,000 under \$50,000.....	3,485,583	1,428,305	38,506	239,332	967,939	10,929,934	327,871	1,256,279	196,634	98,802
\$50,000 under \$75,000.....	4,185,170	2,005,370	19,892	177,105	1,195,931	21,465,497	383,823	1,393,133	284,674	93,361
\$75,000 under \$100,000.....	1,167,637	910,931	14,752	326,658	462,771	14,390,390	125,154	728,640	88,493	99,210
\$100,000 under \$200,000.....	835,234	1,163,113	7,020	152,984	415,358	21,622,783	105,618	932,740	54,585	48,966
\$200,000 under \$500,000.....	269,716	879,855	1,391	58,788	123,419	11,569,918	35,652	589,351	13,083	25,030
\$500,000 under \$1,000,000.....	61,773	439,003	226	5,319	24,541	3,662,078	10,207	298,477	1,430	28,171
\$1,000,000 and over.....	37,531	742,837	194	6,730	13,381	3,759,434	6,205	506,954	518	35,769
Taxable returns, total.....	13,772,853	10,485,805	402,375	2,729,207	8,316,707	129,277,994	2,303,021	10,205,630	1,679,454	914,943
Nontaxable returns, total.....	857,017	424,550	61,598	266,709	2,156,441	11,058,323	772,308	7,698,547	104,668	38,935

Footnotes at end of table.

Table 1.—All Returns: Selected Income, Adjustments, Deductions, and Tax Items, by Size of Adjusted Gross Income—Continued

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

Size of adjusted gross income	Sales of capital assets reported on Schedule D				Sales of property other than capital assets				Taxable IRA distribution	
	Net gain		Net loss		Net gain		Net loss		Number of returns	Amount
	Number of returns	Amount	Number of returns	Amount	Number of returns	Amount	Number of returns	Amount		
	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
All returns, total.....	7,846,452	159,293,299	4,575,590	7,951,934	962,870	6,039,188	789,557	3,841,980	2,656,201	11,205,923
No adjusted gross income.....	165,419	3,560,641	107,862	263,790	58,069	382,287	73,586	1,691,636	13,546	85,515
\$1 under \$1,000.....	61,375	57,133	51,943	34,233	*8,256	*2,211	*2,211	*7,430	*9,397	*11,999
\$1,000 under \$2,000.....	48,933	169,287	67,904	96,046	*8,790	*46,958	*8,721	*2,664	*5,771	*10,443
\$2,000 under \$3,000.....	75,456	191,038	31,066	43,202	*13,969	*23,925	*4,419	*21,053	*13,402	*17,148
\$3,000 under \$4,000.....	95,029	185,126	53,653	76,862	*7,531	*28,839	*9	*34	*19,524	*26,367
\$4,000 under \$5,000.....	74,704	146,026	34,304	73,235	*13,899	*78,655	*10,176	*7,539	38,403	103,031
\$5,000 under \$6,000.....	65,171	154,686	72,317	124,714	*4,182	*27,408	*3,647	*44,517	28,925	93,551
\$6,000 under \$7,000.....	90,235	156,616	45,919	98,483	*11,628	*21,786	*4,659	*37,408	32,437	91,819
\$7,000 under \$8,000.....	107,624	264,075	87,281	161,629	*6,957	*25,706	*9,163	*19,190	*25,295	*53,497
\$8,000 under \$9,000.....	92,456	212,063	50,152	77,763	*9,841	*24,178	*13,419	*32,481	56,362	125,354
\$9,000 under \$10,000.....	105,530	232,238	73,952	96,384	*12,081	*10,637	*9,163	*7,046	39,047	107,767
\$10,000 under \$11,000.....	103,467	216,646	67,425	117,405	*16,950	*37,657	*12,358	*21,574	67,408	172,503
\$11,000 under \$12,000.....	107,124	414,172	65,345	116,203	21,687	38,336	*3,647	*1,328	56,362	208,655
\$12,000 under \$13,000.....	75,019	179,193	60,268	106,924	19,429	51,632	*10,268	*9,515	83,009	230,602
\$13,000 under \$14,000.....	100,329	344,483	70,888	111,747	*7,671	*19,406	*8,657	*18,737	43,972	120,385
\$14,000 under \$15,000.....	98,516	217,948	65,039	131,796	*9,840	*7,229	*10,944	*61,382	81,837	274,583
\$15,000 under \$16,000.....	101,519	354,352	73,484	128,042	*9,930	*23,378	*17,049	*28,241	59,570	125,305
\$16,000 under \$17,000.....	114,003	311,139	61,817	99,796	*12,856	*64,689	*6,692	*45,318	65,851	263,495
\$17,000 under \$18,000.....	112,123	434,971	55,829	94,481	17,643	77,729	*9,100	*10,279	60,723	149,914
\$18,000 under \$19,000.....	104,530	433,257	75,647	151,098	*10,753	*26,721	*13,884	*14,167	49,213	189,170
\$19,000 under \$20,000.....	88,506	257,737	90,903	133,055	*11,707	*20,652	22,449	75,926	61,500	113,875
\$20,000 under \$25,000.....	498,209	1,930,112	311,461	537,638	44,916	137,624	50,735	108,123	239,131	720,692
\$25,000 under \$30,000.....	472,333	1,839,258	278,749	514,733	69,527	183,095	44,039	150,035	182,171	592,803
\$30,000 under \$40,000.....	1,007,125	4,348,514	561,285	920,148	103,884	370,304	88,324	382,352	180,271	1,355,611
\$40,000 under \$50,000.....	807,427	4,073,455	491,530	799,836	113,064	433,557	68,729	113,535	320,668	1,152,749
\$50,000 under \$75,000.....	1,287,974	10,772,991	789,949	1,294,649	124,562	749,462	103,104	289,742	401,161	2,129,840
\$75,000 under \$100,000.....	645,014	7,673,055	332,371	595,611	74,913	447,742	43,265	129,137	112,447	731,994
\$100,000 under \$200,000.....	714,914	21,159,834	305,674	620,075	75,485	709,866	70,394	284,955	79,717	875,343
\$200,000 under \$500,000.....	297,351	22,633,859	108,650	249,175	42,178	772,987	44,583	189,317	20,627	506,157
\$500,000 under \$1,000,000.....	79,549	16,656,781	22,779	56,652	12,107	403,655	12,801	95,543	3,781	167,232
\$1,000,000 and over.....	49,489	59,712,613	10,144	26,528	8,565	790,877	9,362	143,857	2,592	398,524
Taxable returns, total.....	7,075,717	153,554,107	4,020,175	6,798,037	772,657	5,194,365	649,536	1,961,668	2,409,231	10,406,568
Nontaxable returns, total.....	770,735	5,739,193	555,415	1,153,897	190,213	844,823	140,021	1,880,312	246,970	799,354

Footnotes at end of table.

Table 1.—All Returns: Selected Income, Adjustments, Deductions, and Tax Items, by Size of Adjusted Gross Income—Continued

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

Size of adjusted gross income	Pensions and annuities				Total rental and royalty				Partnership and S Corporation	
	Total		In adjusted gross income		Net income		Net loss		Net income	
	Number of returns	Amount	Number of returns	Amount	Number of returns	Amount	Number of returns	Amount	Number of returns	Amount
	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)
All returns, total.....	17,256,635	176,747,627	16,541,165	139,988,167	4,769,914	27,264,070	5,138,677	28,015,845	2,808,126	95,718,173
No adjusted gross income.....	63,795	662,143	55,081	437,159	88,949	663,118	159,896	2,540,323	20,670	523,520
\$1 under \$1,000.....	37,110	148,028	37,110	93,404	26,871	68,098	34,699	161,482	*14,468	*6,760
\$1,000 under \$2,000.....	75,776	316,763	64,233	68,825	30,096	43,768	27,369	122,537	*8,657	*8,063
\$2,000 under \$3,000.....	135,351	330,166	126,694	262,546	43,388	70,066	48,452	240,440	*17,314	*20,214
\$3,000 under \$4,000.....	172,561	654,250	169,676	343,263	56,542	72,976	44,412	174,528	*19,524	*27,940
\$4,000 under \$5,000.....	258,956	777,701	256,071	725,984	81,119	190,009	54,182	128,033	*18,415	*102,742
\$5,000 under \$6,000.....	296,838	1,079,106	291,067	938,756	110,619	255,694	38,341	248,417	37,351	137,140
\$6,000 under \$7,000.....	385,561	1,643,085	382,675	1,514,812	82,061	130,017	63,461	332,198	20,339	118,521
\$7,000 under \$8,000.....	440,232	1,967,849	432,251	1,875,063	114,963	302,440	61,549	187,414	38,022	139,064
\$8,000 under \$9,000.....	513,236	2,588,367	504,579	2,424,602	102,598	214,814	59,827	223,508	46,203	141,679
\$9,000 under \$10,000.....	516,926	2,738,878	511,154	2,516,267	112,610	302,903	60,018	288,265	30,409	129,102
\$10,000 under \$11,000.....	477,077	2,698,089	463,325	2,555,507	113,019	320,254	50,227	258,312	42,909	214,042
\$11,000 under \$12,000.....	504,200	3,397,012	502,450	3,241,675	86,316	190,038	42,577	171,854	30,703	208,380
\$12,000 under \$13,000.....	474,022	2,899,398	474,022	2,806,441	98,406	351,488	57,014	250,948	46,467	339,688
\$13,000 under \$14,000.....	470,065	3,639,299	461,408	3,230,342	84,560	286,274	77,698	288,360	50,326	195,438
\$14,000 under \$15,000.....	440,753	3,503,402	433,136	3,246,134	82,893	215,939	76,877	395,607	30,353	144,750
\$15,000 under \$16,000.....	471,355	3,715,895	462,698	3,174,080	79,140	352,011	62,752	247,650	36,941	242,143
\$16,000 under \$17,000.....	430,372	2,930,010	427,486	2,754,967	86,902	203,921	63,147	224,308	37,702	134,905
\$17,000 under \$18,000.....	392,482	3,475,798	372,959	3,100,263	101,728	265,979	82,635	275,648	*13,660	*104,155
\$18,000 under \$19,000.....	448,907	4,673,014	443,136	4,041,500	67,639	129,646	73,909	256,117	34,108	93,412
\$19,000 under \$20,000.....	347,732	3,098,651	347,732	2,758,469	75,632	328,919	60,097	275,515	35,107	190,641
\$20,000 under \$25,000.....	1,577,199	15,265,942	1,549,818	13,670,092	382,987	1,183,064	350,824	1,479,623	138,262	1,018,387
\$25,000 under \$30,000.....	1,198,534	12,831,520	1,162,638	10,887,779	314,209	1,151,898	357,134	1,538,646	157,339	1,134,521
\$30,000 under \$40,000.....	2,007,623	20,221,910	1,892,440	17,002,137	605,259	1,921,473	682,777	3,161,820	301,542	2,007,611
\$40,000 under \$50,000.....	1,712,386	18,494,254	1,620,613	15,433,547	430,276	1,967,097	649,803	2,797,953	263,311	2,670,969
\$50,000 under \$75,000.....	2,110,033	27,445,390	1,968,770	19,917,728	598,140	3,089,990	891,914	4,965,490	425,637	5,595,844
\$75,000 under \$100,000.....	672,460	11,885,153	602,659	7,905,531	256,521	2,207,161	380,237	2,526,082	255,234	5,038,081
\$100,000 under \$200,000.....	451,793	10,466,916	386,220	6,649,264	276,597	3,948,932	356,377	2,362,607	366,081	14,461,346
\$200,000 under \$500,000.....	123,618	5,762,608	99,994	2,623,433	125,985	3,367,332	126,630	1,106,528	187,869	17,414,338
\$500,000 under \$1,000,000.....	31,221	3,056,555	24,355	1,213,226	33,007	1,505,120	28,749	409,007	50,879	11,074,842
\$1,000,000 and over.....	18,461	4,380,476	14,717	2,575,370	20,882	1,963,628	15,096	376,622	32,324	32,079,936
Taxable returns, total.....	15,151,870	166,594,320	14,493,248	131,664,081	4,033,450	24,988,124	4,451,717	22,700,094	2,571,506	93,989,145
Nontaxable returns, total.....	2,104,765	10,153,307	2,047,917	8,324,086	736,463	2,275,945	686,960	5,315,750	236,620	1,729,028

Footnotes at end of table.

Table 1.—All Returns: Selected Income, Adjustments, Deductions, and Tax Items, by Size of Adjusted Gross Income—Continued

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

Size of adjusted gross income	Partnership and S Corporation—Continued		Estate and trust				Farm			
	Net loss		Net income		Net loss		Net income		Net loss	
	Number of returns	Amount	Number of returns	Amount	Number of returns	Amount	Number of returns	Amount	Number of returns	Amount
	(41)	(42)	(43)	(44)	(45)	(46)	(47)	(48)	(49)	(50)
All returns, total.....	2,916,251	33,118,252	500,552	4,124,229	64,880	486,441	933,921	11,042,187	1,477,052	14,044,151
No adjusted gross income.....	187,437	10,825,047	7,574	36,555	3,937	65,408	41,961	520,197	222,323	4,358,225
\$1 under \$1,000.....	*2,339	*106,094	*708	*4,289	*708	*1,161	23,360	16,178	20,969	175,649
\$1,000 under \$2,000.....	*18,587	*120,291	*11,543	*13,851	—	—	20,284	76,168	22,471	164,933
\$2,000 under \$3,000.....	15,509	238,709	*2,886	*378	—	—	*13,013	*21,048	16,429	137,548
\$3,000 under \$4,000.....	*17,859	*141,979	*8,660	*1,769	—	—	20,772	55,736	*12,841	*106,755
\$4,000 under \$5,000.....	21,983	112,151	*10,064	*35,967	—	—	*17,082	*29,558	32,411	247,919
\$5,000 under \$6,000.....	12,909	108,826	*11,543	*24,895	—	—	26,276	84,344	18,179	149,566
\$6,000 under \$7,000.....	*13,872	*7,975	*5,771	*6,184	*2,387	*91,292	31,751	127,434	38,385	190,016
\$7,000 under \$8,000.....	24,161	150,476	*5,095	*8,454	—	—	26,561	101,263	24,157	245,456
\$8,000 under \$9,000.....	20,385	57,320	*5,095	*7,176	*1,859	*1,515	21,755	153,620	38,387	193,539
\$9,000 under \$10,000.....	28,440	267,999	*5,771	*13,520	—	—	28,459	188,667	32,317	231,053
\$10,000 under \$11,000.....	*19,606	*66,360	*11,543	*8,839	—	—	*11,505	*38,946	31,861	208,531
\$11,000 under \$12,000.....	*22,671	*126,876	*8,657	*14,884	—	—	19,548	161,759	21,135	283,132
\$12,000 under \$13,000.....	19,097	101,170	*2,886	*26,344	—	—	20,342	103,333	32,065	190,466
\$13,000 under \$14,000.....	18,277	71,778	*15,963	*65,016	*2,387	*59,666	*15,573	*113,768	15,016	85,956
\$14,000 under \$15,000.....	26,920	114,384	*11,543	*59,004	—	—	*7,436	*56,197	21,858	104,516
\$15,000 under \$16,000.....	34,452	91,735	*8,091	*53,871	*2,886	*817	*7,436	*47,640	18,445	145,025
\$16,000 under \$17,000.....	19,228	115,577	*2,886	*33,919	—	—	18,211	63,759	22,337	144,538
\$17,000 under \$18,000.....	39,295	202,878	*28	()	*2,886	*2,366	19,825	147,708	22,444	108,393
\$18,000 under \$19,000.....	38,008	153,133	*8,657	*20,223	—	—	*9,647	*46,285	33,439	226,017
\$19,000 under \$20,000.....	44,345	134,945	*7,981	*8,923	—	—	18,288	126,479	22,573	202,060
\$20,000 under \$25,000.....	171,893	888,426	40,645	232,197	*2,393	*22,737	63,157	552,065	120,438	639,854
\$25,000 under \$30,000.....	137,067	615,931	23,375	29,260	—	—	77,419	903,081	124,580	833,708
\$30,000 under \$40,000.....	293,320	1,112,535	63,479	150,441	*6,563	*33,791	138,273	1,528,664	139,201	874,812
\$40,000 under \$50,000.....	318,945	1,254,950	43,587	197,575	*5,750	*18,100	82,347	1,137,049	130,758	630,809
\$50,000 under \$75,000.....	478,553	2,146,414	72,049	278,951	7,954	15,447	92,132	2,060,366	133,702	818,329
\$75,000 under \$100,000.....	276,736	1,645,453	27,837	187,086	3,586	9,558	25,152	684,679	43,298	367,676
\$100,000 under \$200,000.....	357,363	3,693,084	42,294	565,785	11,640	59,963	23,753	697,756	38,021	713,611
\$200,000 under \$500,000.....	174,531	3,835,706	22,495	653,369	6,873	49,441	9,084	759,052	18,666	625,842
\$500,000 under \$1,000,000.....	40,410	1,967,507	6,901	311,878	1,793	21,677	2,057	155,757	5,058	281,636
\$1,000,000 and over.....	22,052	2,642,544	4,945	1,073,627	1,279	33,503	1,463	283,630	3,290	358,582
Taxable returns, total.....	2,511,168	20,531,189	440,624	3,926,792	53,408	280,467	647,836	8,984,129	955,567	7,341,466
Nontaxable returns, total.....	405,083	12,587,063	59,928	197,437	11,472	205,974	286,085	2,058,058	521,486	6,702,685

Footnotes at end of table.

Table 1.—All Returns: Selected Income, Adjustments, Deductions, and Tax Items, by Size of Adjusted Gross Income—Continued

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

Size of adjusted gross income	Unemployment compensation in adjusted gross income		Social security benefits				Total income (less loss)		Statutory adjustments	
			Total		In adjusted gross income				Total	
	Number of returns	Amount	Number of returns	Amount	Number of returns	Amount	Number of returns	Amount	Number of returns	Amount
	(51)	(52)	(53)	(54)	(55)	(56)	(57)	(58)	(59)	(60)
All returns, total.....	6,984,679	11,639,160	10,207,167	85,213,916	4,048,028	14,500,121	109,734,505	3,125,226,750	10,712,525	27,924,274
No adjusted gross income.....	18,189	38,472	142,142	1,071,711	2,587	10,048	906,513	-32,018,488	73,648	184,201
\$1 under \$1,000.....	*15,962	*17,907	114,920	652,315	*2,211	*300	3,151,542	1,885,936	*20,791	*11,689
\$1,000 under \$2,000.....	33,952	26,950	145,665	909,526	*2,886	*1,544	3,874,366	5,839,737	39,320	40,487
\$2,000 under \$3,000.....	78,771	74,342	167,900	1,209,026	—	—	3,616,252	9,041,119	42,363	47,543
\$3,000 under \$4,000.....	74,352	78,879	191,975	1,469,284	—	—	3,339,780	11,754,053	43,884	77,816
\$4,000 under \$5,000.....	129,538	157,221	270,003	1,959,712	—	—	3,127,276	14,122,339	74,066	71,952
\$5,000 under \$6,000.....	150,089	209,912	288,962	1,985,287	—	—	3,096,885	17,180,188	69,022	93,529
\$6,000 under \$7,000.....	218,468	317,334	341,918	2,620,646	*4,076	*8,516	3,143,823	20,576,432	121,246	133,927
\$7,000 under \$8,000.....	210,541	319,350	361,395	2,691,775	*2,887	*1,284	3,141,309	23,657,586	113,175	156,222
\$8,000 under \$9,000.....	250,561	391,511	456,395	3,676,576	*2,211	*5,976	3,043,969	26,067,684	146,573	190,956
\$9,000 under \$10,000.....	222,380	400,044	391,002	3,053,687	—	—	3,001,060	28,706,659	153,245	209,698
\$10,000 under \$11,000.....	208,808	360,444	346,027	2,740,726	*8,657	*19,089	2,846,862	30,097,130	158,556	216,187
\$11,000 under \$12,000.....	231,048	437,849	355,644	2,734,998	*2,886	*9,009	2,704,483	31,312,934	146,983	218,831
\$12,000 under \$13,000.....	184,547	333,327	310,672	2,502,239	—	—	2,717,452	34,244,815	171,255	289,145
\$13,000 under \$14,000.....	238,086	424,705	297,419	2,638,690	*8,657	*31,731	2,791,180	37,831,676	150,809	180,406
\$14,000 under \$15,000.....	196,819	293,419	289,677	2,396,745	*8,657	*7,249	2,615,657	38,102,601	147,130	234,621
\$15,000 under \$16,000.....	223,406	408,987	250,043	2,109,393	*8,657	*31,428	2,588,961	40,345,274	151,970	213,918
\$16,000 under \$17,000.....	192,531	285,508	219,406	1,799,017	*5,771	*2,638	2,356,359	39,258,219	181,252	333,214
\$17,000 under \$18,000.....	198,968	353,719	209,559	1,967,575	*4,596	*37,561	2,449,543	43,169,811	186,474	282,921
\$18,000 under \$19,000.....	191,183	312,159	206,982	1,789,809	*8,896	*28,875	2,190,218	40,839,774	200,177	351,235
\$19,000 under \$20,000.....	191,852	292,264	187,776	1,689,940	*20,200	*54,814	2,130,959	41,938,584	218,986	376,715
\$20,000 under \$25,000.....	710,799	1,277,986	767,941	6,117,444	221,846	209,290	9,265,634	209,701,555	1,121,589	2,116,941
\$25,000 under \$30,000.....	614,001	1,027,058	633,067	5,350,862	484,387	730,807	7,474,376	207,124,758	1,100,142	2,110,179
\$30,000 under \$40,000.....	1,016,097	1,789,760	1,104,329	9,388,975	1,091,617	3,109,526	11,961,164	419,318,142	1,918,785	3,903,128
\$40,000 under \$50,000.....	618,391	1,011,881	769,599	6,748,836	769,599	3,243,040	8,232,520	370,200,916	1,415,245	2,524,910
\$50,000 under \$75,000.....	454,437	802,819	743,659	6,910,411	743,659	3,443,473	8,919,835	537,310,006	1,257,942	3,880,961
\$75,000 under \$100,000.....	79,554	132,891	270,125	2,816,798	270,125	1,408,035	2,512,140	216,108,345	519,597	2,455,524
\$100,000 under \$200,000.....	27,297	60,405	250,597	2,675,537	250,595	1,337,722	1,795,016	241,679,930	524,718	3,910,745
\$200,000 under \$500,000.....	3,223	8,594	89,395	1,109,986	89,395	554,977	554,837	165,661,562	186,406	2,217,570
\$500,000 under \$1,000,000.....	633	1,874	20,411	255,174	20,411	127,583	119,231	81,280,739	37,071	537,757
\$1,000,000 and over.....	197	590	12,561	171,216	12,561	85,605	65,303	172,886,735	20,107	351,347
Taxable returns, total.....	5,595,284	9,461,584	8,112,546	68,697,708	4,016,115	14,412,820	86,984,752	3,024,304,385	9,908,981	26,733,728
Nontaxable returns, total.....	1,389,395	2,177,576	2,094,621	16,516,208	31,914	87,301	22,749,753	100,922,365	803,544	1,190,546

Footnotes at end of table.

Table 1.—All Returns: Selected Income, Adjustments, Deductions, and Tax Items, by Size of Adjusted Gross Income—Continued

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

Size of adjusted gross income	Statutory adjustments—Continued								Basic standard deduction	
	Employee business expense		Deductible IRA payments		Payments to a Keogh plan		Alimony paid			
	Number of returns	Amount	Number of returns	Amount	Number of returns	Amount	Number of returns	Amount	Number of returns	Amount
	(61)	(62)	(63)	(64)	(65)	(66)	(67)	(68)	(69)	(70)
All returns, total.....	1,373,344	4,240,603	6,390,790	11,946,011	796,034	6,542,546	568,654	3,948,468	76,612,914	281,281,802
No adjusted gross income.....	4,443	68,429	15,003	30,321	1,054	1,823	5,266	56,459	—	—
\$1 under \$1,000.....	—	—	*5,856	*8,310	—	—	—	—	3,111,989	5,016,585
\$1,000 under \$2,000.....	*1,437	*17,318	*10,866	*12,872	—	—	—	—	3,833,636	8,435,204
\$2,000 under \$3,000.....	*4,419	*2,041	23,008	38,166	—	—	—	—	3,545,089	10,112,800
\$3,000 under \$4,000.....	*5,771	*29,524	*24,120	*41,928	—	—	—	—	3,252,156	10,409,327
\$4,000 under \$5,000.....	*5,771	*17,940	26,764	35,149	*2,209	*667	*2,886	*4,502	3,055,351	10,165,337
\$5,000 under \$6,000.....	*8,657	*7,843	29,363	49,948	—	—	*820	*20,524	2,985,975	10,111,109
\$6,000 under \$7,000.....	*2,886	*369	64,211	100,466	*2,209	*1,821	*7,304	*13,714	3,009,015	10,542,404
\$7,000 under \$8,000.....	*5,095	*18,685	48,908	86,163	*3,647	*4,162	*2,886	*19,132	2,958,925	10,655,688
\$8,000 under \$9,000.....	*11,597	*26,250	61,429	98,875	*4,419	*4,940	*10,866	*37,462	2,880,283	10,404,328
\$9,000 under \$10,000.....	*9,874	*41,431	76,043	105,500	*1,437	*12,309	*5,771	*28,569	2,814,177	10,349,223
\$10,000 under \$11,000.....	*8,657	*16,717	80,758	140,808	—	—	*7,981	*34,215	2,671,553	9,946,979
\$11,000 under \$12,000.....	*15,285	*34,374	101,874	163,843	—	—	*3,916	*4,159	2,496,434	9,431,289
\$12,000 under \$13,000.....	*2,886	*14,769	103,810	195,713	*6,278	*11,032	*10,190	*45,964	2,474,505	9,346,408
\$13,000 under \$14,000.....	*9,514	*20,180	74,617	117,071	*6,628	*11,380	*8,657	*14,417	2,533,739	9,677,143
\$14,000 under \$15,000.....	*11,861	*32,617	78,224	138,998	—	—	*8,667	*47,528	2,269,606	8,602,658
\$15,000 under \$16,000.....	*5,771	*19,366	113,178	164,874	*6,368	*6,705	*2,209	*10,605	2,257,329	8,591,160
\$16,000 under \$17,000.....	*14,269	*62,909	120,416	198,905	*3,647	*7,824	*8,158	*45,303	2,022,096	7,898,370
\$17,000 under \$18,000.....	26,152	59,817	100,115	176,033	*2,886	*2,014	*4,104	*23,586	2,084,708	8,194,086
\$18,000 under \$19,000.....	*19,846	*58,983	129,113	237,823	*3,594	*1,567	*7,887	*29,657	1,863,562	7,442,748
\$19,000 under \$20,000.....	*16,128	*61,766	138,577	219,617	*11,277	*19,778	*14,191	*51,963	1,757,702	6,920,678
\$20,000 under \$25,000.....	111,421	341,912	813,179	1,412,533	25,260	73,622	39,339	188,107	7,126,323	28,971,329
\$25,000 under \$30,000.....	116,779	343,398	795,843	1,404,243	28,209	101,913	31,243	145,964	5,020,115	21,393,446
\$30,000 under \$40,000.....	207,061	591,588	1,393,221	2,619,610	70,261	242,927	86,994	329,760	5,954,317	26,711,411
\$40,000 under \$50,000.....	202,788	454,043	963,929	1,460,476	60,481	197,031	68,811	308,463	2,731,379	12,869,492
\$50,000 under \$75,000.....	296,617	907,352	533,741	1,345,414	174,926	872,913	93,344	576,836	1,543,290	7,405,897
\$75,000 under \$100,000.....	120,519	439,228	197,697	558,823	117,765	956,589	51,546	435,666	242,293	1,138,306
\$100,000 under \$200,000.....	89,682	404,326	187,373	544,686	175,392	2,194,345	50,350	644,918	96,303	442,974
\$200,000 under \$500,000.....	22,757	105,412	60,751	183,622	69,649	1,383,279	25,668	492,425	17,420	79,412
\$500,000 under \$1,000,000.....	3,898	28,349	12,214	36,321	12,390	285,416	5,711	175,459	2,682	11,950
\$1,000,000 and over.....	1,504	13,665	6,587	18,902	6,050	148,489	3,898	163,113	962	4,060
Taxable returns, total.....	1,313,600	3,946,800	6,111,101	11,470,562	776,331	6,484,204	546,842	3,793,524	56,405,776	207,489,690
Nontaxable returns, total.....	59,744	293,804	279,689	475,449	19,704	58,342	21,812	154,944	20,207,138	73,792,112

Footnotes at end of table.

Table 1.—All Returns: Selected Income, Adjustments, Deductions, and Tax Items, by Size of Adjusted Gross Income—Continued

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

Size of adjusted gross income	Additional standard deduction		Itemized deductions							
			Total		Medical and dental expense deduction		Taxes paid deduction		Interest paid deduction	
	Number of returns	Amount	Number of returns	Amount	Number of returns	Amount	Number of returns	Amount	Number of returns	Amount
	(71)	(72)	(73)	(74)	(75)	(76)	(77)	(78)	(79)	(80)
All returns, total.....	11,323,320	9,256,935	31,790,368	388,565,374	4,743,464	17,829,495	31,240,581	120,136,673	29,510,503	175,148,346
No adjusted gross income.....	—	—	—	—	—	—	—	—	—	—
\$1 under \$1,000.....	110,283	90,147	9,808	98,275	7,590	37,971	7,829	16,806	7,241	41,774
\$1,000 under \$2,000.....	154,377	132,429	25,445	192,676	22,559	84,810	19,673	17,532	16,787	79,203
\$2,000 under \$3,000.....	175,005	147,233	42,983	383,742	35,629	131,784	38,660	58,418	37,211	160,047
\$3,000 under \$4,000.....	248,528	209,596	65,891	381,280	45,568	99,847	65,891	66,844	49,253	154,916
\$4,000 under \$5,000.....	327,773	277,189	47,307	412,143	33,043	172,320	37,888	48,867	37,467	136,199
\$5,000 under \$6,000.....	421,809	342,276	96,978	801,692	61,283	374,945	79,663	80,335	60,138	223,330
\$6,000 under \$7,000.....	531,460	439,502	115,957	899,526	74,569	321,372	99,533	115,910	79,461	340,338
\$7,000 under \$8,000.....	521,283	454,335	167,955	1,391,993	123,262	637,544	136,889	185,904	113,802	410,359
\$8,000 under \$9,000.....	599,605	533,615	141,953	1,120,439	98,843	660,678	111,250	104,212	86,755	179,725
\$9,000 under \$10,000.....	578,053	508,852	160,731	1,389,971	101,468	560,980	143,807	208,398	121,035	472,625
\$10,000 under \$11,000.....	488,459	439,025	165,119	1,552,254	114,139	762,958	137,710	141,578	115,301	421,291
\$11,000 under \$12,000.....	534,319	486,861	190,734	1,506,576	118,395	657,793	171,211	186,162	138,792	482,133
\$12,000 under \$13,000.....	432,898	387,038	232,080	1,746,059	105,022	333,232	220,433	334,885	194,433	787,846
\$13,000 under \$14,000.....	440,532	397,193	247,927	1,852,483	131,638	593,408	234,090	280,792	199,007	679,656
\$14,000 under \$15,000.....	316,412	292,413	335,575	2,575,115	160,129	634,842	316,052	422,697	264,279	963,454
\$15,000 under \$16,000.....	358,798	327,829	303,451	2,336,924	146,890	693,391	286,137	416,692	248,384	866,783
\$16,000 under \$17,000.....	319,742	290,576	321,864	2,342,745	124,112	385,756	304,465	409,286	279,088	1,175,880
\$17,000 under \$18,000.....	310,939	287,677	354,645	2,617,004	131,014	367,720	345,479	520,705	299,388	1,251,812
\$18,000 under \$19,000.....	308,464	287,461	314,256	2,439,964	113,680	575,181	296,181	428,435	271,974	985,855
\$19,000 under \$20,000.....	268,355	248,615	365,953	2,589,655	123,719	289,039	357,296	505,459	327,224	1,233,873
\$20,000 under \$25,000.....	863,691	805,197	2,109,515	15,889,803	619,852	1,730,994	2,041,520	3,462,489	1,933,665	7,268,492
\$25,000 under \$30,000.....	513,738	453,451	2,438,504	18,927,961	498,042	1,226,051	2,391,652	4,376,929	2,312,100	9,596,057
\$30,000 under \$40,000.....	642,131	594,409	5,983,442	52,231,920	774,503	2,080,941	5,933,240	13,683,686	5,696,032	26,583,305
\$40,000 under \$50,000.....	422,079	400,548	5,492,785	53,981,849	441,427	1,359,135	5,457,737	15,521,772	5,254,605	27,075,451
\$50,000 under \$75,000.....	298,157	286,328	7,372,696	89,408,641	405,837	1,737,574	7,336,419	28,269,289	7,061,050	43,279,906
\$75,000 under \$100,000.....	85,317	86,775	2,269,846	38,631,732	81,578	455,196	2,263,250	12,808,333	2,124,232	18,188,694
\$100,000 under \$200,000.....	41,221	40,524	1,698,712	41,541,074	41,524	538,462	1,692,218	14,764,039	1,544,124	17,767,588
\$200,000 under \$500,000.....	8,207	8,210	537,410	23,238,307	7,305	288,856	534,143	9,845,387	479,424	8,408,068
\$500,000 under \$1,000,000.....	1,280	1,263	116,520	9,408,160	705	30,579	116,225	4,480,174	102,416	2,685,006
\$1,000,000 and over.....	404	369	64,326	16,675,413	139	6,136	64,038	8,374,658	55,834	3,248,679
Taxable returns, total.....	7,951,477	7,093,966	30,287,545	368,077,695	3,761,434	10,245,042	29,931,964	117,865,277	28,358,579	167,420,366
Nontaxable returns, total.....	2,371,843	2,162,969	1,502,823	20,487,679	982,030	7,584,453	1,308,617	2,271,396	1,151,924	7,727,980

Footnotes at end of table.

Table 1.—All Returns: Selected Income, Adjustments, Deductions, and Tax Items, by Size of Adjusted Gross Income—Continued

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

Size of adjusted gross income	Itemized deductions—Continued								Exemptions	
	Contributions deduction		Moving expenses		Net limited miscellaneous deductions		Other miscellaneous deductions			
	Number of returns (81)	Amount (82)	Number of returns (83)	Amount (84)	Number of returns (85)	Amount (86)	Number of returns (87)	Amount (88)	Number of returns (89)	Amount (90)
All returns, total.....	29,058,948	50,519,925	901,684	3,601,280	7,361,881	18,548,686	2,131,837	1,544,668	222,111,527	431,471,224
No adjusted gross income.....	—	—	—	—	—	—	—	—	1,990,453	3,779,718
\$1 under \$1,000.....	8,980	1,276	—	—	*928	*448	—	—	1,774,394	3,399,718
\$1,000 under \$2,000.....	*15,254	*5,367	—	—	*11,659	*5,764	—	—	2,574,519	4,996,334
\$2,000 under \$3,000.....	32,028	18,692	—	—	*15,685	*14,801	—	—	2,926,499	5,658,054
\$3,000 under \$4,000.....	55,036	19,743	—	—	31,349	39,930	—	—	3,159,345	6,113,035
\$4,000 under \$5,000.....	32,627	39,242	—	—	*13,956	*15,514	—	—	3,609,737	6,987,630
\$5,000 under \$6,000.....	44,497	47,092	—	—	29,151	70,571	—	—	3,784,288	7,345,800
\$6,000 under \$7,000.....	83,412	78,774	—	—	30,374	21,967	*5,771	*20,953	4,571,983	8,888,195
\$7,000 under \$8,000.....	130,677	82,473	*2,886	*6,210	39,443	47,748	*7,304	*3,328	4,981,315	9,674,050
\$8,000 under \$9,000.....	119,543	141,874	—	—	32,236	28,835	*5,771	*5,113	4,820,219	9,327,658
\$9,000 under \$10,000.....	103,745	73,179	*2,886	*211	40,910	74,579	*4	* ⁽²⁾	5,073,280	9,811,319
\$10,000 under \$11,000.....	128,016	139,356	—	—	43,824	87,072	—	—	4,781,630	9,281,677
\$11,000 under \$12,000.....	139,800	86,253	*2,886	*6,484	48,561	86,943	*8,657	*808	4,841,990	9,390,977
\$12,000 under \$13,000.....	183,302	195,452	*3,222	*18,652	43,690	66,914	*2,886	*245	4,855,867	9,420,353
\$13,000 under \$14,000.....	204,671	206,073	*3,175	*1,761	39,249	78,070	*10,545	*12,724	5,237,190	10,159,148
\$14,000 under \$15,000.....	281,243	334,234	*4,323	*54,691	70,337	87,241	*4,312	*137	4,824,481	9,363,729
\$15,000 under \$16,000.....	240,642	219,779	*5,095	*10,312	65,992	119,080	*7,293	*7,664	4,846,755	9,391,791
\$16,000 under \$17,000.....	258,634	252,170	—	—	51,093	116,154	*14,609	*3,498	4,720,557	9,166,894
\$17,000 under \$18,000.....	300,748	295,620	*7,209	*26,168	90,072	131,541	*22,579	*23,064	4,993,336	9,699,021
\$18,000 under \$19,000.....	263,633	244,939	*10,094	*31,402	63,330	148,893	*5,777	*439	4,524,164	8,799,457
\$19,000 under \$20,000.....	321,133	372,668	*12,304	*35,921	104,039	137,496	*35,485	*15,200	4,272,868	8,295,949
\$20,000 under \$25,000.....	1,864,033	2,019,436	59,937	166,304	510,481	917,201	123,906	122,367	19,919,712	38,714,479
\$25,000 under \$30,000.....	2,146,195	2,307,264	56,818	141,032	628,608	1,137,343	173,331	90,134	17,806,706	34,624,573
\$30,000 under \$40,000.....	5,415,513	5,908,513	153,190	406,759	1,551,140	2,884,562	379,340	248,723	31,709,469	61,650,879
\$40,000 under \$50,000.....	5,121,668	6,567,361	148,117	431,307	1,299,098	2,750,389	434,143	207,171	23,746,301	46,203,832
\$50,000 under \$75,000.....	7,040,777	10,732,078	225,290	961,271	1,611,271	4,018,825	510,866	244,737	26,818,009	52,223,814
\$75,000 under \$100,000.....	2,189,775	4,561,176	105,612	553,859	471,986	1,894,524	201,892	72,891	7,435,618	14,482,525
\$100,000 under \$200,000.....	1,636,432	5,567,858	83,011	609,645	336,539	2,046,649	128,517	211,913	5,348,900	10,411,609
\$200,000 under \$500,000.....	520,409	3,597,460	12,892	108,563	70,938	842,112	35,602	123,569	1,638,453	3,189,445
\$500,000 under \$1,000,000.....	113,601	1,824,639	1,965	23,149	11,618	286,013	7,973	63,791	345,373	672,615
\$1,000,000 and over.....	62,924	4,579,885	773	7,580	4,324	391,507	5,272	66,200	178,117	346,947
Taxable returns, total.....	27,945,800	49,290,383	877,168	3,475,372	6,984,629	17,712,768	2,067,050	1,432,663	176,966,071	343,998,473
Nontaxable returns, total.....	1,113,148	1,229,542	24,516	125,909	377,252	835,918	64,787	112,005	45,145,457	87,472,752

Footnotes at end of table.

Table 1.—All Returns: Selected Income, Adjustments, Deductions, and Tax Items, by Size of Adjusted Gross Income—Continued

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

Size of adjusted gross income	Taxable income		Income tax before credits		Total tax credits		Income tax after credits		Alternative minimum tax	
	Number of returns	Amount	Number of returns	Amount	Number of returns	Amount	Number of returns	Amount	Number of returns	Amount
	(91)	(92)	(93)	(94)	(95)	(96)	(97)	(98)	(99)	(100)
All returns, total.....	90,097,359	2,081,050,200	90,048,533	422,186,637	14,042,284	6,789,387	86,975,112	415,397,250	87,890	711,047
No adjusted gross income.....	—	—	*8	*719	*6	*39	*8	*679	4,450	61,007
\$1 under \$1,000.....	903,466	171,153	903,466	30,753	*3,801	*11	899,665	30,741	*9	*167
\$1,000 under \$2,000.....	1,094,045	511,015	1,078,083	87,158	—	—	1,078,083	87,158	—	—
\$2,000 under \$3,000.....	899,033	513,753	882,395	81,601	*3,801	*53	882,395	81,548	—	—
\$3,000 under \$4,000.....	1,344,061	982,863	1,338,290	153,560	—	—	1,338,290	153,560	*3	*75
\$4,000 under \$5,000.....	956,217	1,452,748	953,332	236,385	—	—	953,332	236,385	—	—
\$5,000 under \$6,000.....	2,011,521	2,529,236	2,007,102	379,254	25,676	1,209	1,984,312	378,046	*8	*95
\$6,000 under \$7,000.....	2,073,701	3,873,065	2,071,491	573,578	68,469	5,135	2,018,366	568,443	—	—
\$7,000 under \$8,000.....	1,937,013	5,128,274	1,944,898	799,676	66,782	12,809	1,904,498	786,867	—	—
\$8,000 under \$9,000.....	2,105,585	6,858,595	2,102,349	1,026,165	201,981	24,470	1,927,493	1,001,695	*6	*113
\$9,000 under \$10,000.....	2,220,782	8,363,872	2,217,896	1,238,378	341,439	70,236	1,908,438	1,168,142	—	—
\$10,000 under \$11,000.....	2,393,519	9,976,998	2,391,309	1,496,622	431,471	117,234	2,016,677	1,379,388	*120	*362
\$11,000 under \$12,000.....	2,407,581	11,138,213	2,404,695	1,661,590	537,138	148,039	1,911,349	1,513,551	*1,021	*1,498
\$12,000 under \$13,000.....	2,499,864	13,647,666	2,499,864	2,033,437	565,102	223,881	2,062,722	1,809,556	**8	**199
\$13,000 under \$14,000.....	2,609,927	16,082,524	2,609,927	2,411,572	663,614	289,874	2,186,192	2,121,698	**	**
\$14,000 under \$15,000.....	2,472,756	17,560,426	2,472,756	2,648,466	658,465	273,193	2,186,721	2,375,272	*5	*834
\$15,000 under \$16,000.....	2,512,615	19,791,801	2,512,615	2,957,847	703,998	265,878	2,353,148	2,691,969	—	—
\$16,000 under \$17,000.....	2,261,320	19,628,709	2,261,320	2,940,300	644,420	208,805	2,181,909	2,731,495	*336	*37
\$17,000 under \$18,000.....	2,403,096	22,306,794	2,403,096	3,399,245	745,136	185,010	2,336,063	3,214,235	*31	*79
\$18,000 under \$19,000.....	2,149,357	21,717,060	2,149,355	3,254,628	468,881	107,345	2,127,568	3,147,283	**	**
\$19,000 under \$20,000.....	2,109,231	23,603,337	2,109,231	3,535,651	211,490	106,233	2,090,789	3,429,418	*820	*4,585
\$20,000 under \$25,000.....	9,181,634	123,706,858	9,181,634	18,778,791	1,059,459	520,671	9,131,387	18,258,120	*817	*7,937
\$25,000 under \$30,000.....	7,445,454	129,887,776	7,447,841	20,693,072	974,278	440,931	7,421,952	20,252,141	*33	*495
\$30,000 under \$40,000.....	11,927,195	274,864,607	11,927,195	44,990,259	1,837,963	862,592	11,902,725	44,127,667	5,913	13,649
\$40,000 under \$50,000.....	3,224,307	254,373,273	8,224,307	43,245,670	1,400,269	629,276	8,219,219	42,616,394	4,495	19,001
\$50,000 under \$75,000.....	3,913,264	384,234,835	8,913,264	75,266,750	1,574,446	739,675	8,911,591	74,527,074	7,898	19,594
\$75,000 under \$100,000.....	2,509,890	159,386,786	2,509,890	35,894,060	423,737	314,297	2,509,885	35,579,763	13,378	40,593
\$100,000 under \$200,000.....	1,792,619	185,443,672	1,792,619	48,645,467	288,191	395,943	1,792,218	48,249,524	29,445	155,739
\$200,000 under \$500,000.....	553,969	137,028,818	553,966	39,465,009	95,989	310,321	553,815	39,154,688	14,020	206,855
\$500,000 under \$1,000,000.....	119,105	70,697,392	119,105	20,162,733	27,939	203,645	119,087	19,959,088	3,445	73,122
\$1,000,000 and over.....	65,232	155,588,082	65,232	44,098,242	18,344	332,581	65,214	43,765,661	1,632	105,011
Taxable returns, total.....	86,943,478	2,073,187,616	86,975,142	421,013,715	10,968,893	5,616,465	86,975,112	415,397,250	87,890	711,047
Nontaxable returns, total.....	3,153,881	7,862,585	3,073,391	1,172,922	3,073,391	1,172,922	—	—	—	—

Footnotes at end of table.

Table 1.—All Returns: Selected Income, Adjustments, Deductions, and Tax Items, by Size of Adjusted Gross Income—Continued

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

Size of adjusted gross income	Total income tax ³		Total tax liability ⁴	
	Number of returns	Amount	Number of returns	Amount
	(101)	(102)	(103)	(104)
All returns, total.....	86,984,752	416,108,297	88,816,847	433,222,195
No adjusted gross income.....	4,455	61,686	134,016	230,982
\$1 under \$1,000.....	899,674	30,908	948,055	56,874
\$1,000 under \$2,000.....	1,078,083	87,158	1,223,524	116,944
\$2,000 under \$3,000.....	882,395	81,548	1,023,512	125,623
\$3,000 under \$4,000.....	1,338,292	153,635	1,500,414	228,131
\$4,000 under \$5,000.....	953,332	236,385	1,090,290	313,390
\$5,000 under \$6,000.....	1,984,319	378,141	2,059,611	506,211
\$6,000 under \$7,000.....	2,018,366	568,443	2,102,417	664,428
\$7,000 under \$8,000.....	1,904,498	786,867	2,017,052	921,907
\$8,000 under \$9,000.....	1,927,499	1,001,808	2,046,694	1,132,614
\$9,000 under \$10,000.....	1,908,438	1,168,142	2,000,282	1,328,598
\$10,000 under \$11,000.....	2,016,796	1,379,750	2,095,442	1,534,431
\$11,000 under \$12,000.....	1,911,662	1,515,049	1,984,186	1,678,235
\$12,000 under \$13,000.....	2,062,728	1,809,737	2,135,137	2,020,868
\$13,000 under \$14,000.....	2,186,194	2,121,715	2,280,716	2,357,610
\$14,000 under \$15,000.....	2,186,726	2,376,107	2,239,676	2,593,850
\$15,000 under \$16,000.....	2,353,148	2,691,969	2,389,142	2,910,483
\$16,000 under \$17,000.....	2,182,245	2,731,533	2,222,283	2,967,948
\$17,000 under \$18,000.....	2,336,090	3,214,305	2,361,272	3,491,420
\$18,000 under \$19,000.....	2,127,569	3,147,292	2,145,847	3,383,765
\$19,000 under \$20,000.....	2,090,900	3,434,003	2,104,692	3,721,598
\$20,000 under \$25,000.....	9,132,204	18,266,056	9,166,279	19,546,399
\$25,000 under \$30,000.....	7,421,985	20,252,636	7,444,196	21,544,026
\$30,000 under \$40,000.....	11,903,474	44,141,317	11,924,084	46,352,499
\$40,000 under \$50,000.....	8,219,534	42,635,395	8,220,634	44,498,408
\$50,000 under \$75,000.....	8,912,219	74,546,669	8,913,919	77,623,746
\$75,000 under \$100,000.....	2,510,081	35,620,355	2,510,536	37,146,868
\$100,000 under \$200,000.....	1,793,283	48,405,263	1,794,159	50,064,494
\$200,000 under \$500,000.....	554,197	39,361,543	554,363	39,935,141
\$500,000 under \$1,000,000.....	119,117	20,032,210	119,165	20,153,541
\$1,000,000 and over.....	65,247	43,870,671	65,253	44,071,163
Taxable returns, total.....	86,984,752	416,108,297	86,984,752	431,939,584
Nontaxable returns, total.....	—	—	1,832,095	1,282,611

¹ Not included in adjusted gross income.

² Less than \$500.

³ Total income tax represents income tax after credits (including the earned income credit), plus alternative minimum tax.

⁴ Total tax liability represents income tax after credits (including the earned income credit), plus alternative minimum tax, plus any other additional taxes, e.g., self-employment tax and penalty tax on individual retirement arrangements (IRAs).

* Estimate should be used with caution because of the small number of sample returns on which it is based.

** Data combined to avoid disclosure of information for specific taxpayers.

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

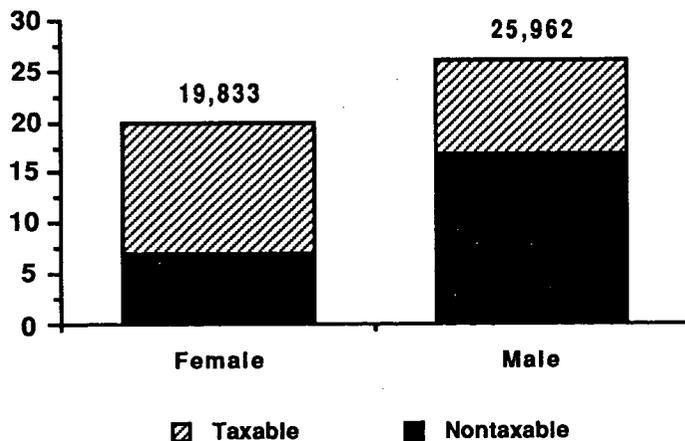
Estate Tax Returns, 1986-1988

By Barry W. Johnson*

There were an estimated 45,800 U.S. citizens who died in 1986 with gross estates above \$500,000. These decedents made up almost 2.2 percent of the total U.S. decedent population for 1986 and had a combined total gross estate of over \$66 billion [1]. Their executors claimed over \$30 billion in allowable deductions. Just under half of these returns (or 22,000) were taxable, reporting a tax liability that totalled almost \$6.3 billion (see Figure A).

Figure A
1986 Decedents: Number of Returns
by Sex and Tax Status

Number of Returns (Thousands)



BACKGROUND

The Internal Revenue Service's Statistics of Income Division (SOI) samples estate tax returns in order to evaluate the effects of tax policies and to provide annual estimates of the financial characteristics of estate tax filers. Currently, an estate tax return can be filed up to 9 months after a decedent's death; a six month extension is available beyond

that. Thus, returns for a particular year of death may be filed over a period of several years. This means that the sample must span several years if estimates of a specific year of death are desired.

Year of death estimates are desirable for several reasons. Because of filing extensions and other delays, returns filed in any given year can represent decedents who died in many different years. This means that the estate tax return data for a filing year can reflect different economic and tax law conditions. By concentrating on a single year of death, these limitations can be overcome, making it possible to study the data in the context of a single time period.

This article presents data from returns filed in 1986-1988, focusing on 1986 as the year of death. Data for each of these filing years are also presented to facilitate comparisons with past SOI data, which presumed that filing year data were, in general, for decedents who had died the previous year. The main objective of the analysis, however, is to present an accurate portrayal of the estates of decedents who died in a specific year, 1986, regardless of when returns for their estates were filed [2].

History of the Estate Tax

The modern estate tax has been in effect since 1916. Estate and inheritance taxes, however, had been instituted periodically before this, usually to raise revenue during wartime. The estate tax is a tax on the transfer of assets from the decedent rather than on the value of assets inherited by a decedent's beneficiaries. The purpose of the tax is to raise revenue and to redistribute wealth in order to prevent the concentration of wealth [3]. While rates and filing requirements have varied since its inception, there

*Foreign Special Projects Section. Prepared under the direction of Michael Alexander, with assistance from Marvin Schwartz, Elizabeth Nelson, and Louise Woodburn.

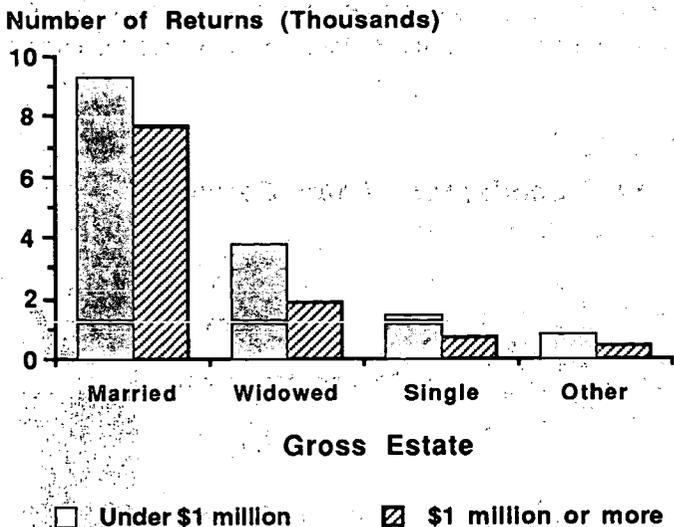
have been relatively few changes in the structure of the estate tax. Some modifications to the law have included a deduction for bequests to the surviving spouse and allowing for alternate valuation of assets should their value decrease shortly after death [4].

The most recent changes to the tax rates and filing requirement were due to the Economic Recovery Tax Act of 1981. This Act provided for increasing the filing requirement from \$175,000 in 1981 to \$600,000 by 1987. The top tax rate was to be lowered from 70 percent to 50 percent by 1985. Subsequent tax law changes have sustained a maximum rate of 55 percent until 1993. (For a more detailed summary of estate tax law changes, see Appendix I.)

1986 DECEDENTS

Males accounted for about 57 percent of the estate tax returns filed for 1986 decedents. The majority of these men were married, nearly half of whom had gross estates of \$1 million or more (see Figure B). In fact, the average size of a married male decedent's gross estate was \$1,715,216. Only 36 percent of returns filed for all male decedents showed any estate tax; as a group, they accounted for about 45 percent of the total tax reported.

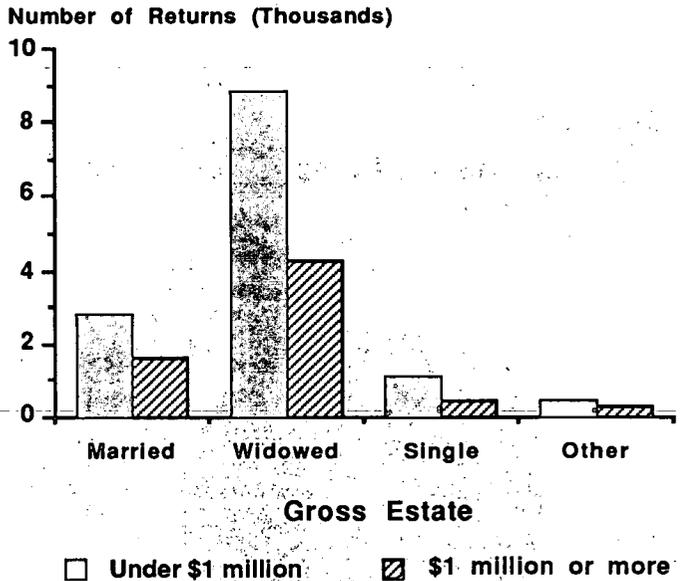
Figure B
1986 Male Decedents: Number of Returns by Size of Gross Estate and Marital Status



The majority of female decedents, on the other hand, were widowed (see Figure C). Although as a group women made up only 43 percent of the total

1986 estate tax population, 64 percent of their returns were taxable. Women accounted for almost 55 percent of the total estate tax reported, although their estates accounted for only 38 percent of the aggregate gross estate for 1986.

Figure C
1986 Female Decedents: Number of Returns by Size of Gross Estate and Marital Status

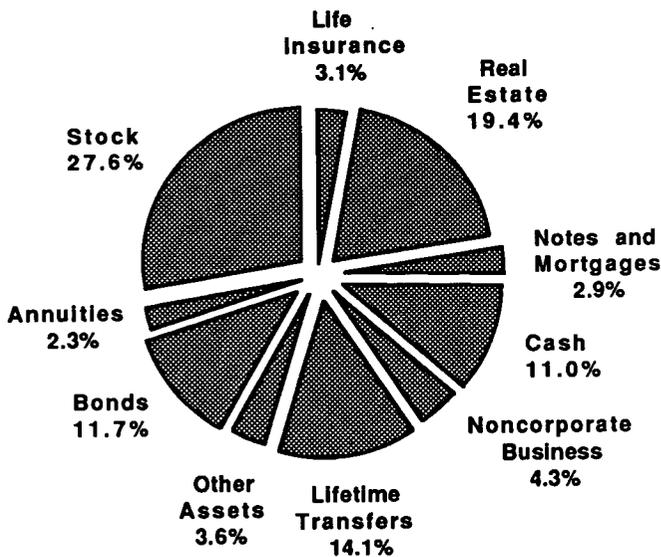


It is not surprising that the majority of female decedents were widowed, given that women in general have longer life expectancies than their male counterparts. The majority of married decedents leave the bulk of their estates to their spouses, thereby deferring some or all of the estate taxes until the death of the surviving spouses. Therefore, it is understandable that widowed female decedents would bear a larger share of the tax burden. It is interesting, however, that the average size of their estates was \$1,265,472, considerably lower than that of married male decedents. In fact, only about a third of widowed women had gross estates of \$1 million or more, again, far fewer than married men. It is not likely that these differences can be attributed entirely to consumption of the estate due to normal living expenses. This suggests (1) that many married men leave substantial bequests to survivors other than their spouse, and (2) that widowed women may be inclined to pass on property through gifts during their lifetime, rather than waiting until their deaths.

Assets

Overall, corporate stock, including the value of stock in closely held corporations, made up the largest portion of the total gross estate of 1986 decedents, almost 28 percent (see Figure D). Real estate was the second largest asset type, accounting for about 19 percent of gross estate. Lifetime transfers (for a definition, see Appendix II), bonds, and cash, in that order, accounted for substantial portions of the remaining gross estate for 1986 decedents.

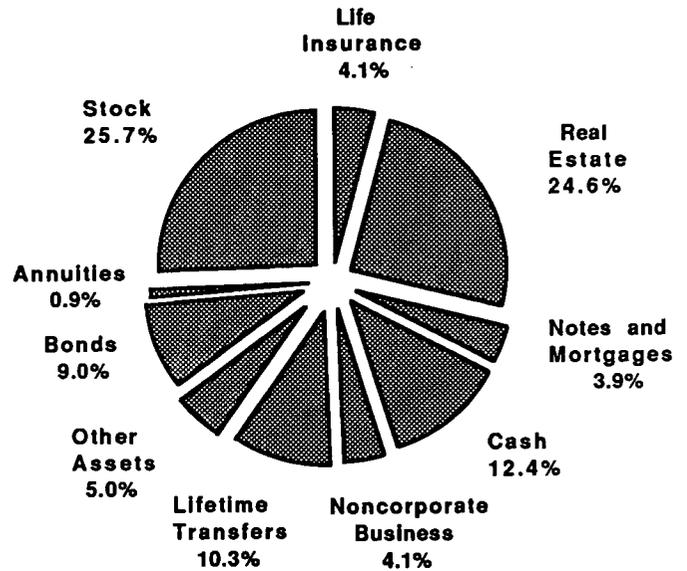
Figure D
1986 Decedents: Composition of Total Gross Estate



A comparison of 1986 decedent data with data for 1982 decedents shows that the value of corporate stock, as a percentage of gross estate, has been almost constant (see Figure E) [5]. The value of real estate, however, decreased significantly between these two years. The decline in real estate for 1986 seems to have been offset by an increase in bond holding, specifically in tax-free municipal bonds, and in annuities, which include individual retirement arrangements (IRA's), Keogh self-employed retirement plans, and other tax deferred retirement instruments. Taxable transfers of property during the decedent's life also increased significantly. It is also interesting to note that the principal asset type for decedents with less than \$1 million in gross estate, in both years, was real estate, not stock.

Figure E

1982 Decedents: Composition of Total Gross Estate

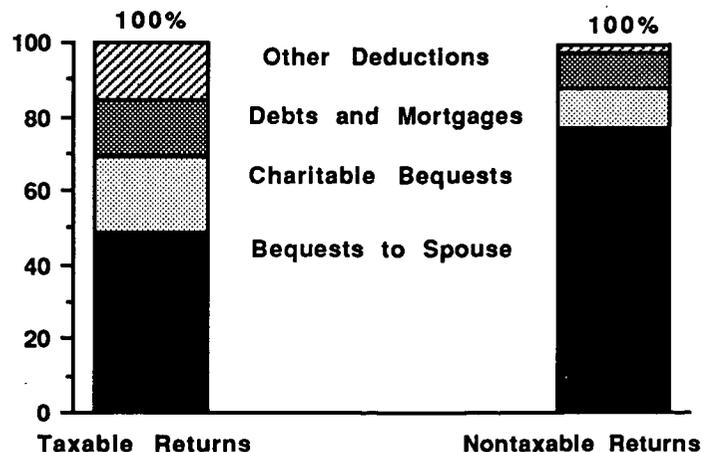


Deductions

The largest single deduction for 1986 decedents was for bequests to the surviving spouse. Under the current law, the executors of an estate for a decedent dying after 1981 can take an unlimited deduction from total gross estate for assets left to the surviving spouse. This deduction accounted for about 78 percent of the total allowable deductions for estates with no tax liability, and for almost 50 percent of the deductions for taxable estates (see Figure F). Bequests to charities were the second most significant

Figure F

1986 Decedents: Total Deductions by Tax Status



deduction, accounting for 10 percent of allowable deductions for nontaxable returns and 20 percent for taxable. Estates with no tax liability gave more (as a percentage of their gross estates) to charities (7.5 percent) than did taxable estates (5.2 percent). Overall, decedents with larger gross estates, regardless of their tax status, tended to give a larger percentage of their assets to charities.

Alternate Valuation

Estate tax law allows for the valuation of assets at their value up to six months after the date of death if there is a decline in the value of some assets immediately following the decedent's death. (For a definition, see Appendix II.) Figure G shows data for all returns filed between 1986 and 1988, which include decedents who died in several different years. For 1986 decedents, 2,441 estates, or 5.4 percent, chose to use alternate valuation. The result was a decrease in the estate tax after credits from \$912 million to \$838 million, a savings of about 8 percent [6].

Because this analysis is limited to only those returns filed between 1986 and 1988, these data represent only a portion of those dying in 1987. However, even this advanced look at 1987 decedents shows that a much greater number of these estates (about 16 percent of those returns filed) elected alternate valuation. The use of alternate valuation for these decedent's returns caused reductions in their aggregate gross estate and estate tax after credits which were considerably higher than the corresponding reductions in the other years. This is almost certainly attributable to the dramatic decline in stock values which occurred in October of that year.

FILING YEAR DATA

Although data by year of death are clearly superior for many applications, data by filing year are not without merit. One of the chief benefits of filing year data is that they are available relatively quickly, unlike year of death data, which must be gathered over a period of several years. Availability of data on a timely basis is particularly important for tax administration and for analyzing the effects of changes in tax policies. Given that about two-thirds of the returns filed in a particular year are for decedents who died in the previous year, filing year data can be easily adapted for this type of analysis.

In 1988, almost 41,000 estate tax returns were filed; their combined total gross estate was about \$69 billion. This was nearly 27 percent more than the number of filers and combined gross estate reported in 1986 (see Figure H).

Converting all figures to 1986 dollars to adjust for the effects of inflation shows a true increase over this period of 16 percent in both the number of filers and size of gross estate [7]. Total deductions increased by about 15 percent. Estate tax before credits was over \$13 million in 1988, almost 18 percent higher than 1986. However, for the same period, estate taxes after credits fell nearly 6 percent. The drop in tax liability may be due, in part, to an increase in the unified credit during this period from \$121,800 for those dying in 1985 (filed mainly in 1986), to 192,800 for those dying after 1986 (see Appendix I).

SUMMARY

While the number of U.S. decedents with gross estates above \$600,000 (the filing requirement after

Figure G.—Returns with Gross Estate of \$500,000 or More at Time of Death: Use of Alternate Valuation Method by Year of Death, 1985 or prior through 1988

(Amounts are in millions of dollars)

Item	Year of death			
	1985 or prior ¹	1986 ²	1987 ¹	1988 ¹
	(1)	(2)	(3)	(4)
All returns	38,746	45,330	39,719	7,124
Returns with alternate valuation used:				
Number.....	1,356	2,441	6,281	623
Percentage of total returns.....	3.5%	5.4%	15.8%	8.7%
Total gross estate, date of death value.....	\$2,499	\$4,729	\$11,820	\$1,114
Total gross estate, alternate value.....	2,398	4,573	11,094	1,076
Percentage reduction in gross estate.....	4.0%	3.3%	6.1%	3.4%
Estate tax after credits (based on date of death value).....	\$488	\$912	\$2,345	\$217
Estate tax after credits (based on alternate value).....	437	838	1,999	198
Percentage reduction in tax.....	10.5%	8.1%	14.8%	8.8%

¹ Data represent only a portion of each of these populations because they are based only on returns filed in 1986-1988.

² In order to make them more comparable to the data shown for other years of death, 1986 data in Figure G have not been adjusted for missing returns (see the section on "Data Sources and Limitations").

Figure H.—Returns with Gross Estate of \$600,000 or more: Number of Returns, Gross Estate, Taxable Estate, and Estate Tax, by Filing Year, 1986–1988

[Amounts are in millions of dollars]

Item	Year of death			Percentage increase, 1986–1988
	1986	1987	1988	
	(1)	(2)	(3)	
Number of returns	32,312	37,573	40,860	26.5%
Total gross estate.....	\$54.441	\$62.455	\$69.065	26.9
1986 constant dollars:				
Number of returns.....	33,597	37,459	39,057	16.3
Total gross estate.....	\$56.770	\$62.233	\$65.856	16.0
Total deductions.....	27.660	29.665	31.851	15.2
Taxable estate.....	29.246	32.841	34.157	16.8
Estate tax before credits.....	11.389	12.864	13.413	17.8
Estate tax after credits.....	6.446	6.328	6.090	-5.5

1986) increased over the period 1986-1988, along with the size of their aggregate total gross estate, the estate tax actually declined in real terms. For 1986 decedents, males, most of whom were married at the time of death, outweighed females both in terms of the number of filers and overall size of gross estate. Female decedents, however, most of whom were widowed, accounted for a larger share of the tax. Real estate was the most significant asset for decedents with less than \$1 million in total gross estate, but corporate stock supplanted it for wealthier decedents. The bequest to the surviving spouse was the largest deduction and was used by many executors to defer much or all of the tax owed on an estate until the death of the other married partner.

DATA SOURCES AND LIMITATIONS

The data presented in this article are estimates based on samples of returns filed in 1986, 1987, and 1988. These samples were limited to returns filed for decedents dying after 1981 with total gross estates of at least \$500,000. The sample for the 1986 filing year included 4,575 returns out of a total population of 42,172. In 1987, the year most returns for 1986 decedents were filed, 11,257 returns were sampled out of a total of 45,119. There were 5,437 returns out of 43,683 sampled during the 1988 filing year. The combined 1986-1988 sample contained 13,694 returns filed for 1986 decedents.

Sample Design

Estate tax returns were statistically sampled while the returns were being processed for administrative purposes, but before any audit examination. Thus, returns were selected on a flow basis using a stratified random probability sampling method, whereby the sample rates were preset based on the desired sample size and an estimate of the population. Current plans for estate tax statistics are based

on recurring cycles of 3 or 4 years, focusing on years of death ending in 2, 6, and 9 every decade (1982, 1986, 1989, ...), so that returns filed in consecutive years are combined to produce statistics for those specific years of death.

This structure accommodates the filing requirements which allow an estate to file an estate tax return up to 9 months after the decedent's death, although an additional 6 month extension is often attainable. Thus, the return for a decedent who died in December 1986 might not be timely filed until March 1988. The sample focuses on year of death rather than filing year to parallel the effective dates of tax law changes. Estate tax data based on year of death can also be more accurately used as the basis for computing wealth estimates of the living population by using the Estate Multiplier Technique [8]. Data gathered during the 1986-1988 filing years focus on 1986 decedents. Additionally, they can be used to estimate the financial characteristics of those filing in each of these three years.

Stratification Variables

Estate tax return data are collected using a stratified sample, the basic nature of which has not changed since it was first implemented in 1982. The design has three stratification variables: year of death, age at death and total gross estate. For the 1986-1988 filing years, the year of death variable is separated into 2 categories: 1986 year of death and non-1986 year of death. Age was broken down into four categories: under 40, 40 under 50, 50 under 65, and 65 and older (including age unknown). Total gross estate was limited to three categories: \$500,000 under \$1 million, \$1 million under \$5 million, and \$5 million or more. The non-1986 portion of the sample included only those decedents dying after 1981 with total gross estates of \$500,000 or more. Sampling rates ranged from 7 to 100 percent [9].

1986 Decedent Population Estimates

An examination of year of death by filing year for returns filed from 1982 through 1988 revealed that almost 99 percent of all returns for decedents dying in a given year are filed by the end of the second calendar year following the year of death. Further, the decedent's age at death and the length of time between the decedent's date of death and the filing of an estate tax return are related. It was therefore possible to adjust the sample weights of the 1986 decedents within age group to account for returns not filed within a 3 year period and, thus, unavailable for this sample.

Limitations

Because the data in this article are estimates based on samples, they are subject to sampling as well as nonsampling error. In order to use the statistical data properly, the magnitude of the potential sampling error should be considered. Estimates of the coefficients of variation (CV's) for frequency estimates can be obtained by writing the author at the following address:

Internal Revenue Service,
Statistics of Income Division, R:S:F
P.O. Box 2608
Washington, DC 20013-2608

APPENDIX I

TAX LAW CHANGES, 1981-1987

The data reported in this article have been influenced by three major pieces of tax legislation: the Economic Recovery Tax Act of 1981, the Tax Reform Act of 1986, and the Revenue Act of 1987.

Economic Recovery Tax Act of 1981

Changes in estate tax law as a result of the Economic Recovery Tax Act of 1981 applied to decedents who died after December 31, 1981. The major tax law change resulting from this Act was a gradual increase in the unified credit (see Appendix II), from \$47,000 in 1981 to \$192,800 by 1987. This had the effect of gradually increasing the filing requirement from \$175,000 to \$600,000. Figure I gives the filing requirements and associated unified credits for each of the years of death included in the 1986-1988 SOI sample.

This Act also abolished limits on the allowable

Figure I.—Unified Credit and Filing Requirements, by Year of Death

Year of death	Unified credit	Filing requirement
1982	\$ 62,800	\$225,000
1983	79,300	275,000
1984	96,300	325,000
1985	121,800	400,000
1986	155,800	500,000
1987 and thereafter	192,800	600,000

deduction for assets bequeathed to the surviving spouse, such that, all assets could be transferred to the spouse tax free. Additionally, the maximum estate tax rate was reduced from 70 percent on net (taxable) estate in excess of \$5 million in 1981, to 50 percent on net (taxable) estate in excess of \$2.5 million by 1985 [10]. The Tax Reform Act of 1984 delayed this reduction 3 years, keeping the highest rate at 55 percent on net (taxable) estate in excess of \$3 million, until 1987.

Tax Reform Act of 1986

The Tax Reform Act of 1986, first applicable to decedents dying in 1987, resulted in modifications to the tax treatment of "generation skipping trusts" (GST). These are trusts which provide for the splitting of benefits between two or more generations that are younger than the generation of the persons establishing the trusts, i.e., the "grantors." The changes simplified the tax rates and increased the amount a grantor can transfer into a GST tax free, known as the "specific exemption," from \$250,000 to \$1,000,000. Three specific "taxable events" were also defined: the distribution of property (income or corpus) from the trust to a beneficiary, a termination or expiration of a beneficiary's interest in a trust (usually due to death), or a direct skip or outright transfer of property to a person at least two generations younger than the grantor.

A third outcome of the 1986 Act was the establishment of the employee stock ownership plan (ESOP) deduction. It provided for a tax deduction equal to 50 percent of the proceeds resulting from the sale (by the estate) of employer securities back to the ESOP or to an eligible worker-owned cooperative (EWOC) [11].

Revenue Act of 1987

The Revenue Act of 1987 applied to decedent's dying after 1987. This Act delayed the reduction of the top estate tax rate from 55 percent to 50 percent until after 1992. It also phased out the graduated rates and unified credit for taxable estates larger than

\$10,000,000. This was achieved by adding 5 percent of any amount of taxable estate in excess of \$10,000,000 but not over \$21,040,000 to the estate tax before credits. At the \$21,040,000 level, the effects of the graduated rates and the unified credit are completely recaptured such that the entire estate is taxed at the maximum rate of 55 percent. (The additional tax was limited to taxable estates in excess of \$10,000,000 but not over \$18,340,000 for decedents dying after 1992 due to the lowering of the maximum estate tax rate to 50 percent by 1993.)

"Estate freeze" legislation was a third area affected by the Revenue Act of 1987. These "freezes" occur when an older family member transfers a disproportionately large share of the potential future appreciation in a family business (usually in the form of common stock) to a younger family member, but retains a disproportionately large share of the income or rights. This "freezes" the value of the company includable in the older family member's estate at its value on the date of the transfer. The 1987 legislation provided for including the full date-of-death value of any property transferred after December 17, 1987, in the older decedent's gross estate when this occurred.

Finally, the use of the ESOP deduction was more carefully defined and its use somewhat restricted in many cases. The deduction was limited to 50 percent of the taxable estate, with overall reduction of the estate tax due to this deduction limited to \$750,000 [12].

APPENDIX II

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 1982 were automatically included in the gross estate. However, for the estate of an individual who died after this, these 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 "estate tax before credits."

Alternate Value of Gross Estate.--All property included in the gross estate could be valued at one of two points in time. While the value of the gross estate at the date of death determined whether an estate tax return had to be filed, the executor of the estate had the option of valuing the estate as of the date of death or 6 months thereafter. (Any property sold, exchanged or otherwise disposed of within 6 months was valued as of the date of the disposition.)

Annuities.--These were investments for which a person receives a fixed income for a set period of time and include assets related to pensions or retirement such as equity in a Keogh self-employed retirement plan or in individual retirement arrangements (IRA's).

Bequests to Surviving Spouse.--This was equal to the value of property interest passing from the decedent to the surviving spouse and was taken as a deduction from the "total gross estate."

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 time of 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 of gross estate."

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 previously paid. 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 reduced by the amount of Federal gift taxes previously paid.

Federal 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, apart from the unified credit, was allowed for any gift tax paid on gifts made after 1976.

Lifetime Transfers.--Included were two categories of gifts that, by law, had to be reported in total gross estate: gifts taking effect at death, and gifts of property in which the decedent retained some rights during his or her lifetime.

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.

Other Tax Credits.--The sum of all tax credits (other than the unified credit) taken as a deduction against the estate tax before credits. Those include credits for State death taxes, foreign death taxes, Federal gift taxes and taxes on prior transfers.

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 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 "total gross estate" less deductions 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; bequests to the surviving spouse; and the ESOP deduction (included in the statistics for "other expenses and losses").

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

Total 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 interest in property before reduction by debts (except policy loans against insurance) and mortgages, or by administrative 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 (even though payable to beneficiaries other than the estate), dower or courtesy of the surviving spouse (inherited property), and, with certain exceptions, joint estates with right of survivorship and tenancies by the entirety.

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 unified credit represents the amount of tax on that part of gross estate which is below the filing requirement.) 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.

NOTES AND REFERENCES

- [1] Based on the number of deaths of U.S. residents in 1986 as reported by the National Center for Health Statistics.
- [2] All data for 1986 year of death will be for decedents with \$500,000 or more in total gross estate, the filing requirement for that year of death. Data presented for the 1986, 1987, and 1988 filing years will be for decedents with \$600,000 or more in gross estate, the filing requirement for decedents dying after 1986.
- [3] Office of the Secretary of the Treasury, Office of Tax Analysis, *Legislative History of Death Taxation in the United States, 1963*, Unpublished Manuscript.
- [4] Bentz, Mary, "Estate Tax Returns, 1983," *Statistics of Income Bulletin*, Fall 1984, Volume 4, Number 2.
- [5] 1982 figures were converted to constant 1986 dollars using the implicit price deflator for gross national product, *Economic Report of the President*, U.S. Government Printing Office, Washington, DC, 1990. Only returns with \$500,000 or more of gross estate in 1986 dollars were included.
- [6] The reduction in estate tax for decedents using alternate valuation was estimated using the value of all assets on the date of death as reported on their returns.

- [7] Figures for each filing year were converted to constant 1986 dollars based on decedents' dates of death, using the implicit price deflator for gross national product.
- [8] Schwartz, Marvin, and Johnson, Barry, "Estimates of Personal Wealth, 1986," *Statistics of Income Bulletin*, Spring 1990, Volume 9, Number 4.
- [9] Woodburn, Louise, and Johnson, Barry, "Analyzing the Weighting Strategy for the Statistics of Income 1987 Estate Study," *American Statistical Association Proceedings*, 1989, Section on Survey Research Methods.
- [10] *Impact of the Economic Recovery Tax Act of 1981 on Estate Planning and Administration*, Program Material, California Continuing Education of the Bar, Berkeley, CA, 1982.
- [11] U.S. Congress, Joint Committee on Taxation, *General Explanation of the Tax Reform Act of 1986*, 1987.
- [12] *A Complete Guide to the Revenue Act of 1987*, Prentice Hall, Paramus, NJ, 1988.

Estate Tax Returns, 1986-1988

Table 1.—Returns Filed in 1986: Gross Estate by Type of Property, Deductions, Taxable Estate, Estate Tax, and Tax Credits, by Size of Gross Estate

[Estimates are based on samples—money amounts are in thousands]

Size of gross estate	Number of returns	Gross estate	Type of property ¹			
			Real estate		Corporate stock	
			Number	Amount	Number	Amount
	(1)	(2)	(3)	(4)	(5)	(6)
All returns, total	42,125	59,805,047	32,806	12,361,635	33,747	17,029,085
\$500,000 under \$600,000.....	9,860	5,410,957	7,652	1,254,260	7,551	1,120,177
\$600,000 under \$1,000,000.....	17,149	13,024,272	12,864	2,969,008	13,493	2,929,218
\$1,000,000 under \$2,500,000.....	11,044	16,417,148	8,775	3,546,220	9,158	4,234,207
\$2,500,000 under \$5,000,000.....	2,819	9,732,378	2,429	2,390,843	2,437	2,775,647
\$5,000,000 under \$10,000,000.....	863	5,789,508	751	985,747	767	2,174,287
\$10,000,000 or more.....	390	9,430,785	334	1,215,556	343	3,795,549
Taxable returns, total	23,731	37,639,623	17,172	7,004,646	18,790	11,845,773
\$500,000 under \$600,000.....	5,031	2,764,310	3,553	567,542	3,885	628,786
\$600,000 under \$1,000,000.....	9,223	7,003,677	6,346	1,467,475	6,867	1,608,301
\$1,000,000 under \$2,500,000.....	6,798	10,236,947	4,888	2,188,970	5,708	2,888,550
\$2,500,000 under \$5,000,000.....	1,780	5,998,095	1,602	1,254,600	1,536	2,027,232
\$5,000,000 under \$10,000,000.....	594	3,988,457	518	659,733	527	1,447,025
\$10,000,000 or more.....	305	7,648,138	264	866,326	267	3,245,878
Nontaxable returns, total	18,393	22,165,424	15,634	5,356,989	14,957	5,183,312
\$500,000 under \$600,000.....	4,828	2,646,647	4,100	686,718	3,666	491,391
\$600,000 under \$1,000,000.....	7,927	6,020,595	6,518	1,501,533	6,626	1,320,917
\$1,000,000 under \$2,500,000.....	4,245	6,180,201	3,887	1,357,250	3,450	1,345,656
\$2,500,000 under \$5,000,000.....	1,038	3,734,283	826	1,136,243	901	748,414
\$5,000,000 under \$10,000,000.....	269	1,801,051	233	326,014	239	727,261
\$10,000,000 or more.....	85	1,782,647	70	349,230	76	549,671

Size of gross estate	Type of property ¹ (continued)							
	Federal savings bonds		Other Federal bonds		State and local bonds		Corporate and foreign bonds ¹	
	Number	Amount	Number	Amount	Number	Amount	Number	Amount
	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
All returns, total	6,308	321,594	10,365	1,656,896	16,806	3,927,904	10,350	408,766
\$500,000 under \$600,000.....	1,851	67,462	2,526	199,878	2,778	215,993	1,948	64,623
\$600,000 under \$1,000,000.....	2,945	102,242	4,461	393,036	6,616	666,386	3,843	166,470
\$1,000,000 under \$2,500,000.....	1,196	81,795	2,014	249,980	5,217	1,174,120	3,366	76,249
\$2,500,000 under \$5,000,000.....	207	63,555	998	392,054	1,448	624,985	855	44,652
\$5,000,000 under \$10,000,000.....	83	5,386	248	133,953	508	524,669	212	18,784
\$10,000,000 or more.....	27	1,155	117	287,995	239	721,750	125	37,986
Taxable returns, total	3,728	233,223	6,726	1,129,474	9,633	2,669,581	6,478	270,596
\$500,000 under \$600,000.....	896	27,595	1,429	82,205	1,246	86,545	1,293	54,079
\$600,000 under \$1,000,000.....	1,731	63,814	2,770	273,718	3,611	403,510	2,069	98,896
\$1,000,000 under \$2,500,000.....	840	76,563	1,513	183,390	3,202	771,458	2,331	49,349
\$2,500,000 under \$5,000,000.....	173	59,471	703	223,817	1,040	402,626	528	23,390
\$5,000,000 under \$10,000,000.....	64	4,718	208	110,840	335	364,444	158	15,756
\$10,000,000 or more.....	24	1,062	103	255,504	198	640,998	99	29,125
Nontaxable returns, total	2,580	88,372	3,639	527,422	7,173	1,258,323	3,872	138,170
\$500,000 under \$600,000.....	955	39,867	1,097	117,673	1,532	129,448	655	10,544
\$600,000 under \$1,000,000.....	1,214	38,428	1,691	119,319	3,005	262,876	1,774	67,574
\$1,000,000 under \$2,500,000.....	356	5,232	502	66,591	2,015	402,662	1,035	26,900
\$2,500,000 under \$5,000,000.....	34	4,084	295	168,236	407	222,360	327	21,262
\$5,000,000 under \$10,000,000.....	19	668	40	23,113	172	160,226	55	3,028
\$10,000,000 or more.....	3	92	13	32,490	41	80,753	26	8,861

See footnote at end of table.

Table 1.—Returns Filed in 1986: Gross Estate by Type of Property, Deductions, Taxable Estate, Estate Tax, and Tax Credits, by Size of Gross Estate—(Continued)

[Estimates are based on samples—money amounts are in thousands]

Size of gross estate	Type of property ¹ (continued)							
	Cash		Notes and mortgages		Life insurance		Annuities	
	Number	Amount	Number	Amount	Number	Amount	Number	Amount
	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)
All returns, total	40,957	6,853,250	14,663	1,917,115	23,741	1,866,223	11,244	1,349,834
\$500,000 under \$600,000	9,582	1,272,978	2,998	185,034	5,489	246,782	2,412	115,469
\$600,000 under \$1,000,000	16,569	1,962,719	5,436	465,190	9,819	669,732	4,446	424,826
\$1,000,000 under \$2,500,000	10,762	1,967,223	4,096	518,237	6,500	636,024	3,227	599,834
\$2,500,000 under \$5,000,000	2,813	847,626	1,460	357,904	1,223	173,768	862	101,277
\$5,000,000 under \$10,000,000	850	353,970	446	145,415	489	88,900	202	64,763
\$10,000,000 or more	381	448,734	228	245,335	221	51,017	94	43,666
Taxable returns, total	23,165	4,618,460	8,513	1,167,911	11,093	559,341	3,848	440,930
\$500,000 under \$600,000	4,876	786,930	1,715	107,627	2,293	56,974	811	29,458
\$600,000 under \$1,000,000	9,015	1,270,845	2,993	242,489	4,010	162,813	1,098	59,676
\$1,000,000 under \$2,500,000	6,611	1,365,257	2,535	341,360	3,655	182,631	1,246	220,734
\$2,500,000 under \$5,000,000	1,778	556,813	773	220,625	676	58,618	512	61,091
\$5,000,000 under \$10,000,000	584	260,631	325	99,604	291	58,885	112	32,795
\$10,000,000 or more	301	377,984	172	156,207	170	39,421	69	37,177
Nontaxable returns, total	17,792	2,234,790	6,150	749,204	12,647	1,306,882	7,396	908,904
\$500,000 under \$600,000	4,707	486,047	1,282	77,408	3,196	189,808	1,601	86,011
\$600,000 under \$1,000,000	7,554	691,874	2,443	222,702	5,810	506,919	3,348	365,150
\$1,000,000 under \$2,500,000	4,151	601,966	1,561	176,877	2,845	453,393	1,982	379,101
\$2,500,000 under \$5,000,000	1,034	290,813	687	137,279	547	115,150	350	40,186
\$5,000,000 under \$10,000,000	265	93,340	121	45,811	198	30,016	91	31,968
\$10,000,000 or more	80	70,750	56	89,128	52	11,597	25	6,490

Size of gross estate	Type of property ¹ (continued)					
	Noncorporate business assets		Household goods and other assets		Lifetime transfers	
	Number	Amount	Number	Amount	Number	Amount
	(23)	(24)	(25)	(26)	(27)	(28)
All returns, total	11,202	2,069,860	38,017	2,346,169	8,581	7,696,716
\$500,000 under \$600,000	1,985	71,380	8,319	182,463	1,308	414,458
\$600,000 under \$1,000,000	4,005	333,726	15,433	471,664	3,501	1,470,053
\$1,000,000 under \$2,500,000	3,613	583,716	10,274	725,689	2,706	2,023,854
\$2,500,000 under \$5,000,000	1,020	270,364	2,787	427,553	625	1,262,150
\$5,000,000 under \$10,000,000	378	333,458	826	204,844	255	755,332
\$10,000,000 or more	202	477,216	377	333,955	185	1,770,869
Taxable returns, total	5,450	1,044,364	21,359	1,513,033	5,741	5,142,291
\$500,000 under \$600,000	868	28,534	4,087	87,792	728	220,242
\$600,000 under \$1,000,000	1,524	88,735	8,288	249,870	2,454	1,013,536
\$1,000,000 under \$2,500,000	2,086	279,637	6,341	406,782	1,790	1,282,268
\$2,500,000 under \$5,000,000	574	113,401	1,772	347,868	420	648,542
\$5,000,000 under \$10,000,000	252	196,720	576	158,415	192	578,893
\$10,000,000 or more	146	337,338	296	262,307	156	1,398,810
Nontaxable returns, total	5,752	1,025,495	16,657	833,135	2,840	2,554,425
\$500,000 under \$600,000	1,117	42,846	4,232	94,671	581	194,216
\$600,000 under \$1,000,000	2,481	244,991	7,146	221,794	1,047	456,518
\$1,000,000 under \$2,500,000	1,527	304,080	3,934	318,908	916	741,586
\$2,500,000 under \$5,000,000	446	156,963	1,015	79,685	205	613,608
\$5,000,000 under \$10,000,000	126	136,738	250	46,430	63	176,439
\$10,000,000 or more	56	139,878	81	71,648	29	372,059

See footnote at end of table.

Estate Tax Returns, 1986-1988

Table 1.—Returns Filed in 1986: Gross Estate by Type of Property, Deductions, Taxable Estate, Estate Tax, and Tax Credits, by Size of Gross Estate—(Continued)

[Estimates are based on samples—money amounts are in thousands]

Size of gross estate	Type of deductions							
	Total allowable deductions		Funeral expenses		Executors' commissions		Attorneys' fees	
	Number	Amount	Number	Amount	Number	Amount	Number	Amount
	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)
All returns, total	42,124	28,312,932	39,318	177,351	15,615	533,565	27,200	591,174
\$500,000 under \$600,000	9,860	1,745,578	8,869	34,701	3,029	37,552	6,156	62,408
\$600,000 under \$1,000,000	17,148	5,073,628	16,279	66,670	6,079	101,782	10,847	145,660
\$1,000,000 under \$2,500,000	11,044	7,376,246	10,275	51,428	4,485	142,835	7,193	164,725
\$2,500,000 under \$5,000,000	2,819	5,016,097	2,698	15,820	1,355	92,395	2,122	91,213
\$5,000,000 under \$10,000,000	863	3,017,281	823	5,369	455	67,877	597	53,332
\$10,000,000 or more	390	6,084,101	374	3,364	213	91,123	286	73,835
Taxable returns, total	23,730	10,372,995	23,113	98,407	13,047	480,838	20,793	498,292
\$500,000 under \$600,000	5,031	187,764	4,885	17,838	2,281	28,489	4,239	43,158
\$600,000 under \$1,000,000	9,222	705,436	9,065	34,016	5,084	89,448	8,289	116,287
\$1,000,000 under \$2,500,000	6,798	2,276,971	6,581	29,612	3,972	131,688	5,900	143,400
\$2,500,000 under \$5,000,000	1,780	1,582,387	1,700	10,523	1,096	79,252	1,582	75,510
\$5,000,000 under \$10,000,000	594	1,300,729	582	3,856	419	64,543	531	49,791
\$10,000,000 or more	305	4,319,708	299	2,563	196	87,418	251	70,147
Nontaxable returns, total	18,393	17,939,937	16,205	78,944	2,568	52,727	6,407	92,882
\$500,000 under \$600,000	4,828	1,557,814	3,984	16,863	748	9,063	1,917	19,251
\$600,000 under \$1,000,000	7,927	4,368,192	7,214	32,654	995	12,335	2,558	29,374
\$1,000,000 under \$2,500,000	4,245	5,099,275	3,694	21,816	513	11,147	1,293	21,325
\$2,500,000 under \$5,000,000	1,038	3,433,710	998	5,297	259	13,142	540	15,703
\$5,000,000 under \$10,000,000	269	1,716,552	240	1,513	36	3,334	66	3,541
\$10,000,000 or more	85	1,764,393	75	801	18	3,706	34	3,688

Size of gross estate	Type of deductions (continued)							
	Other expenses and losses		Debts and mortgages		Charitable bequests		Bequests to surviving spouse	
	Number	Amount	Number	Amount	Number	Amount	Number	Amount
	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)
All returns, total	31,337	370,141	35,890	2,941,675	7,835	3,573,298	20,010	20,125,729
\$500,000 under \$600,000	7,177	29,957	7,975	168,437	1,647	142,739	3,891	1,269,784
\$600,000 under \$1,000,000	12,847	76,026	14,314	527,306	3,073	518,105	7,866	3,638,079
\$1,000,000 under \$2,500,000	8,284	112,004	9,764	937,079	2,047	563,494	5,837	5,404,682
\$2,500,000 under \$5,000,000	2,082	61,795	2,650	492,645	580	665,076	1,701	3,597,154
\$5,000,000 under \$10,000,000	638	39,088	819	292,578	310	389,902	470	2,169,135
\$10,000,000 or more	309	51,271	368	523,630	177	1,293,982	244	4,046,895
Taxable returns, total	22,220	324,090	21,863	1,435,279	5,339	1,858,189	4,284	5,677,899
\$500,000 under \$600,000	4,724	21,180	4,467	52,493	1,114	8,995	301	15,611
\$600,000 under \$1,000,000	8,703	58,007	8,480	190,417	1,852	76,137	953	141,124
\$1,000,000 under \$2,500,000	6,325	99,528	6,348	417,525	1,524	112,242	1,912	1,342,978
\$2,500,000 under \$5,000,000	1,645	58,698	1,692	239,777	429	350,149	735	768,478
\$5,000,000 under \$10,000,000	551	37,328	582	183,198	263	248,123	219	713,890
\$10,000,000 or more	271	49,351	293	351,868	157	1,062,542	164	2,695,818
Nontaxable returns, total	9,117	46,050	14,027	1,506,396	2,496	1,715,108	15,727	14,447,830
\$500,000 under \$600,000	2,452	8,777	3,508	115,944	533	133,744	3,590	1,254,173
\$600,000 under \$1,000,000	4,144	18,019	5,834	336,889	1,222	441,968	6,913	3,496,955
\$1,000,000 under \$2,500,000	1,959	12,476	3,415	519,554	523	451,252	3,926	4,061,704
\$2,500,000 under \$5,000,000	437	3,097	958	252,868	151	314,927	966	2,828,676
\$5,000,000 under \$10,000,000	87	1,761	237	109,380	47	141,779	251	1,455,245
\$10,000,000 or more	38	1,920	75	171,762	20	231,439	81	1,351,077

See footnote at end of table.

Table 1.—Returns Filed in 1986: Gross Estate by Type of Property, Deductions, Taxable Estate, Estate Tax, and Tax Credits, by Size of Gross Estate—(Continued)

[Estimates are based on samples—money amounts are in thousands]

Size of gross estate	Taxable estate		Adjusted taxable gifts		Adjusted taxable estate	
	Number	Amount	Number	Amount	Number	Amount
	(45)	(46)	(47)	(48)	(49)	(50)
All returns, total	38,054	31,634,721	3,650	438,433	38,124	32,073,154
\$500,000 under \$600,000	8,571	3,677,406	348	27,318	8,572	3,704,724
\$600,000 under \$1,000,000	15,212	7,987,893	667	51,858	15,266	8,039,751
\$1,000,000 under \$2,500,000	10,337	9,120,395	1,533	173,350	10,354	9,293,745
\$2,500,000 under \$5,000,000	2,715	4,723,645	650	56,195	2,717	4,779,839
\$5,000,000 under \$10,000,000	837	2,772,242	276	53,491	839	2,825,733
\$10,000,000 or more	382	3,353,142	177	76,221	385	3,429,362
Taxable returns, total	23,716	27,266,628	2,991	386,429	23,731	27,653,057
\$500,000 under \$600,000	5,031	2,576,546	*246	*21,894	5,031	2,598,440
\$600,000 under \$1,000,000	9,223	6,298,241	513	43,127	9,223	6,341,368
\$1,000,000 under \$2,500,000	6,783	7,959,976	1,209	147,012	6,798	8,106,988
\$2,500,000 under \$5,000,000	1,780	4,415,707	629	53,909	1,780	4,469,616
\$5,000,000 under \$10,000,000	594	2,687,728	238	48,274	594	2,736,002
\$10,000,000 or more	305	3,328,430	155	72,214	305	3,400,644
Nontaxable returns, total	14,338	4,368,093	659	52,004	14,402	4,420,097
\$500,000 under \$600,000	3,540	1,100,860	*101	*5,424	3,541	1,106,284
\$600,000 under \$1,000,000	5,990	1,689,652	*154	*8,731	6,043	1,698,383
\$1,000,000 under \$2,500,000	3,554	1,160,419	323	26,338	3,556	1,186,757
\$2,500,000 under \$5,000,000	935	307,937	21	2,286	937	310,223
\$5,000,000 under \$10,000,000	244	84,513	38	5,218	246	89,731
\$10,000,000 or more	77	24,712	22	4,007	80	28,718

Size of gross estate	Estate tax before credit		Allowable unified credit		Other tax credits		Estate tax after credits	
	Number	Amount	Number	Amount	Number	Amount	Number	Amount
	(51)	(52)	(53)	(54)	(55)	(56)	(57)	(58)
All returns, total	38,134	12,074,359	38,033	4,243,093	25,166	1,448,193	23,731	6,383,073
\$500,000 under \$600,000	8,572	1,148,731	8,572	941,185	5,491	57,812	5,031	149,734
\$600,000 under \$1,000,000	15,266	2,588,502	15,219	1,652,598	9,670	176,293	9,223	759,611
\$1,000,000 under \$2,500,000	10,354	3,293,994	10,301	1,195,012	7,168	333,522	6,798	1,765,460
\$2,500,000 under \$5,000,000	2,717	1,964,293	2,717	309,254	1,910	257,912	1,780	1,397,128
\$5,000,000 under \$10,000,000	839	1,326,867	839	99,871	621	222,930	594	1,004,066
\$10,000,000 or more	385	1,751,972	385	45,173	306	399,723	305	1,307,076
Taxable returns, total	23,731	10,747,687	23,631	2,932,540	23,233	1,432,073	23,731	6,383,073
\$500,000 under \$600,000	5,031	815,856	5,031	612,060	4,851	54,062	5,031	149,734
\$600,000 under \$1,000,000	9,223	2,081,050	9,175	1,152,071	9,025	169,369	9,223	759,611
\$1,000,000 under \$2,500,000	6,798	2,936,763	6,745	841,908	6,690	329,395	6,798	1,765,460
\$2,500,000 under \$5,000,000	1,780	1,870,358	1,780	216,366	1,776	256,864	1,780	1,397,128
\$5,000,000 under \$10,000,000	594	1,300,008	594	73,240	589	222,702	594	1,004,066
\$10,000,000 or more	305	1,743,652	305	36,895	301	399,682	305	1,307,076
Nontaxable returns, total	14,402	1,326,672	14,402	1,310,553	1,933	16,120	—	—
\$500,000 under \$600,000	3,541	332,875	3,541	329,125	639	3,750	—	—
\$600,000 under \$1,000,000	6,043	507,452	6,043	500,527	645	6,924	—	—
\$1,000,000 under \$2,500,000	3,556	357,232	3,556	353,104	478	4,127	—	—
\$2,500,000 under \$5,000,000	937	93,935	937	92,887	134	1,048	—	—
\$5,000,000 under \$10,000,000	246	26,859	246	26,631	32	228	—	—
\$10,000,000 or more	80	8,320	80	8,278	5	42	—	—

¹ The types of property shown in columns 3 through 26 exclude lifetime transfers shown in columns 27 and 28.
 * Estimate should be used with caution because of the small number of sample estate returns on which it is based.
 NOTE: Detail may not add to totals because of rounding.

Estate Tax Returns, 1986-1988

Table 1B.—Returns Filed in 1987: Gross Estate by Type of Property, Deductions, Taxable Estate, Estate Tax, and Tax Credits, by Size of Gross Estate

[Estimates are based on samples—money amounts are in thousands]

Size of gross estate	Gross estate		Type of property ¹			
	Number	Amount	Real estate		Corporate stock	
			Number	Amount	Number	Amount
	(1)	(2)	(3)	(4)	(5)	(6)
All returns, total	45,113	66,564,120	35,519	12,826,579	34,987	18,667,760
\$500,000 under \$600,000	7,546	4,137,905	5,803	1,038,839	5,495	829,035
\$600,000 under \$1,000,000	20,148	15,282,203	15,597	3,690,249	15,225	3,531,641
\$1,000,000 under \$2,500,000	12,976	18,968,685	10,568	4,173,277	10,561	4,905,480
\$2,500,000 under \$5,000,000	2,959	10,196,669	2,315	1,632,661	2,410	3,043,895
\$5,000,000 under \$10,000,000	1,000	6,721,123	831	1,047,989	867	2,304,538
\$10,000,000 or more	484	11,257,535	404	1,243,564	429	4,053,172
Taxable returns, total	21,335	37,758,944	15,907	6,274,688	16,969	11,809,870
\$500,000 under \$600,000	1,511	864,256	1,003	169,628	1,113	204,261
\$600,000 under \$1,000,000	10,113	7,727,584	7,381	1,760,126	7,828	2,003,033
\$1,000,000 under \$2,500,000	6,884	10,178,448	5,350	2,040,731	5,669	2,971,456
\$2,500,000 under \$5,000,000	1,816	6,291,095	1,347	861,764	1,474	1,846,195
\$5,000,000 under \$10,000,000	663	4,486,060	538	618,985	574	1,586,613
\$10,000,000 or more	349	8,211,502	288	823,455	311	3,198,313
Nontaxable returns, total	23,778	28,805,176	19,612	6,551,891	18,019	6,857,890
\$500,000 under \$600,000	6,035	3,273,649	4,799	869,211	4,382	624,774
\$600,000 under \$1,000,000	10,036	7,554,619	8,216	1,930,124	7,397	1,528,607
\$1,000,000 under \$2,500,000	6,093	8,790,237	5,218	2,132,546	4,892	1,934,024
\$2,500,000 under \$5,000,000	1,143	3,905,574	968	770,898	936	1,197,699
\$5,000,000 under \$10,000,000	338	2,235,063	294	429,004	294	717,925
\$10,000,000 or more	135	3,046,034	117	420,109	119	854,859

Size of gross estate	Type of property ¹ (continued)							
	Federal savings bonds		Other Federal bonds		State and local bonds		Corporate and foreign bonds ¹	
	Number	Amount	Number	Amount	Number	Amount	Number	Amount
	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
All returns, total	6,552	289,692	9,990	1,658,980	18,361	5,028,636	10,679	567,412
\$500,000 under \$600,000	1,153	52,976	1,512	144,140	1,994	165,604	1,435	42,826
\$600,000 under \$1,000,000	3,454	134,678	4,510	447,566	7,289	847,363	4,954	203,723
\$1,000,000 under \$2,500,000	1,603	78,326	2,973	461,775	6,519	1,589,636	3,154	146,333
\$2,500,000 under \$5,000,000	215	11,926	611	196,043	1,679	924,554	728	77,379
\$5,000,000 under \$10,000,000	77	5,581	254	162,587	588	633,913	275	55,733
\$10,000,000 or more	50	6,205	129	246,869	292	867,566	133	41,417
Taxable returns, total	3,322	173,621	5,360	1,041,870	9,463	3,282,443	5,699	318,375
\$500,000 under \$600,000	167	13,040	379	34,410	441	50,516	328	10,768
\$600,000 under \$1,000,000	1,933	85,312	2,419	226,866	3,635	480,268	2,679	101,259
\$1,000,000 under \$2,500,000	1,005	57,540	1,876	306,335	3,632	942,484	1,939	91,941
\$2,500,000 under \$5,000,000	124	8,092	391	151,726	1,126	657,222	456	54,639
\$5,000,000 under \$10,000,000	55	4,649	196	130,093	412	489,491	195	29,389
\$10,000,000 or more	37	4,988	98	192,440	217	662,461	102	30,379
Nontaxable returns, total	3,230	116,070	4,630	617,109	8,898	1,746,193	4,981	249,037
\$500,000 under \$600,000	986	39,935	1,133	109,730	1,552	115,087	1,107	32,059
\$600,000 under \$1,000,000	1,521	49,366	2,092	220,699	3,654	367,095	2,275	102,465
\$1,000,000 under \$2,500,000	598	20,786	1,097	155,440	2,888	647,152	1,214	54,392
\$2,500,000 under \$5,000,000	91	3,834	220	44,317	553	267,332	272	22,740
\$5,000,000 under \$10,000,000	22	932	58	32,494	176	144,422	80	26,344
\$10,000,000 or more	13	1,216	31	54,429	75	205,105	31	11,038

See footnote at end of table.

Table 1B.—Returns Filed in 1987: Gross Estate by Type of Property, Deductions, Taxable Estate, Estate Tax, and Tax Credits, by Size of Gross Estate—(Continued)

[Estimates are based on samples—money amounts are in thousands]

Size of gross estate	Type of property ¹ (continued)							
	Cash		Notes and mortgages		Life insurance		Annuities	
	Number	Amount	Number	Amount	Number	Amount	Number	Amount
	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)
All returns, total	43,726	7,212,155	13,290	1,823,663	24,489	1,989,999	11,981	1,494,069
\$500,000 under \$600,000	7,308	885,749	1,883	125,165	4,348	181,981	1,991	112,099
\$600,000 under \$1,000,000	19,535	2,605,210	5,300	418,789	10,498	642,247	4,701	389,101
\$1,000,000 under \$2,500,000	12,588	2,201,177	4,356	580,374	7,107	741,489	3,971	565,103
\$2,500,000 under \$5,000,000	2,860	710,316	1,109	271,028	1,700	257,014	892	260,140
\$5,000,000 under \$10,000,000	966	379,830	412	146,356	545	97,164	289	100,058
\$10,000,000 or more	469	429,873	229	281,951	291	70,104	137	67,567
Taxable returns, total	20,776	4,236,691	6,008	837,304	9,187	556,505	3,723	460,585
\$500,000 under \$600,000	1,457	197,331	315	24,513	652	20,307	323	13,578
\$600,000 under \$1,000,000	9,833	1,565,746	2,634	184,137	4,148	147,885	1,373	88,258
\$1,000,000 under \$2,500,000	6,749	1,483,110	2,016	245,614	2,965	190,808	1,368	158,730
\$2,500,000 under \$5,000,000	1,751	415,784	618	145,408	899	95,126	425	110,437
\$5,000,000 under \$10,000,000	645	259,021	258	92,592	325	48,576	152	44,232
\$10,000,000 or more	341	315,700	167	145,039	199	53,802	83	45,351
Nontaxable returns, total	22,951	2,975,464	7,282	986,360	15,302	1,433,494	8,257	1,033,484
\$500,000 under \$600,000	5,851	688,418	1,568	100,652	3,697	161,674	1,669	98,521
\$600,000 under \$1,000,000	9,702	1,039,464	2,666	234,651	6,350	494,362	3,327	300,843
\$1,000,000 under \$2,500,000	5,839	718,067	2,340	334,760	4,142	550,680	2,603	406,373
\$2,500,000 under \$5,000,000	1,109	294,532	491	125,620	801	161,888	467	149,703
\$5,000,000 under \$10,000,000	321	120,810	154	53,764	221	48,588	138	55,826
\$10,000,000 or more	129	114,173	62	136,913	91	16,302	54	22,217

Size of gross estate	Type of property ¹ (continued)					
	Noncorporate business assets		Household goods and other assets		Lifetime transfers	
	Number	Amount	Number	Amount	Number	Amount
	(23)	(24)	(25)	(26)	(27)	(28)
All returns, total	11,354	2,736,870	40,947	2,515,953	8,889	9,752,348
\$500,000 under \$600,000	1,408	86,783	6,775	153,612	968	319,095
\$600,000 under \$1,000,000	4,217	313,008	18,126	572,545	3,519	1,486,081
\$1,000,000 under \$2,500,000	3,861	636,369	11,903	682,510	2,846	2,206,834
\$2,500,000 under \$5,000,000	1,141	373,656	2,734	391,079	1,006	2,046,977
\$5,000,000 under \$10,000,000	456	352,830	943	291,349	345	1,143,195
\$10,000,000 or more	272	974,222	466	424,859	206	2,550,166
Taxable returns, total	4,297	1,119,790	19,397	1,464,381	4,602	6,182,818
\$500,000 under \$600,000	105	9,971	1,315	28,973	235	86,959
\$600,000 under \$1,000,000	1,671	112,039	9,073	292,221	1,775	680,432
\$1,000,000 under \$2,500,000	1,444	207,941	6,364	337,816	1,494	1,143,940
\$2,500,000 under \$5,000,000	605	181,611	1,673	261,438	699	1,501,653
\$5,000,000 under \$10,000,000	287	192,926	633	203,726	246	785,768
\$10,000,000 or more	184	415,302	339	340,207	153	1,984,066
Nontaxable returns, total	7,057	1,617,079	21,551	1,051,572	4,287	3,569,530
\$500,000 under \$600,000	1,302	76,812	5,460	124,639	733	232,136
\$600,000 under \$1,000,000	2,546	200,970	9,054	280,324	1,744	805,648
\$1,000,000 under \$2,500,000	2,417	428,428	5,538	344,694	1,352	1,062,894
\$2,500,000 under \$5,000,000	536	192,045	1,060	129,641	307	545,324
\$5,000,000 under \$10,000,000	169	159,904	311	87,623	99	357,426
\$10,000,000 or more	87	558,920	128	84,652	53	566,100

See footnote at end of table.

Estate Tax Returns, 1986-1988

Table 1B.—Returns Filed in 1987: Gross Estate by Type of Property, Deductions, Taxable Estate, Estate Tax, and Tax Credits, by Size of Gross Estate—(Continued)

[Estimates are based on samples—money amounts are in thousands]

Size of gross estate	Type of deductions							
	Total allowable deductions		Funeral expenses		Executors' commissions		Attorneys' fees	
	Number	Amount	Number	Amount	Number	Amount	Number	Amount
	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)
All returns, total	45,084	30,873,408	42,246	199,666	16,128	612,728	27,634	622,491
\$500,000 under \$600,000	7,521	1,267,861	6,996	29,628	1,988	24,442	4,155	39,369
\$600,000 under \$1,000,000	20,148	5,016,183	18,939	83,750	6,718	118,315	12,420	172,292
\$1,000,000 under \$2,500,000	12,972	8,528,280	12,091	57,306	5,211	178,440	8,166	189,086
\$2,500,000 under \$5,000,000	2,959	5,201,065	2,811	17,272	1,429	105,160	1,866	88,342
\$5,000,000 under \$10,000,000	1,000	3,541,001	946	6,255	526	78,933	685	58,627
\$10,000,000 or more	484	7,319,018	462	5,454	256	107,438	342	74,774
Taxable returns, total	21,330	9,769,281	20,683	96,751	12,387	513,325	18,567	494,473
\$500,000 under \$600,000	1,511	40,782	1,442	5,638	587	6,088	1,248	12,026
\$600,000 under \$1,000,000	10,113	614,134	9,797	41,567	5,357	95,049	8,766	132,106
\$1,000,000 under \$2,500,000	6,879	1,688,643	6,701	30,591	4,483	157,120	6,151	155,596
\$2,500,000 under \$5,000,000	1,816	1,668,236	1,764	10,611	1,262	89,368	1,533	76,239
\$5,000,000 under \$10,000,000	663	1,437,801	641	4,091	469	69,731	576	50,708
\$10,000,000 or more	349	4,319,685	339	4,253	230	95,968	293	67,798
Nontaxable returns, total	23,753	21,104,127	21,563	102,915	3,742	99,403	9,067	128,018
\$500,000 under \$600,000	6,010	1,227,079	5,554	23,991	1,402	18,354	2,908	27,343
\$600,000 under \$1,000,000	10,036	4,402,049	9,143	42,184	1,362	23,266	3,654	40,186
\$1,000,000 under \$2,500,000	6,093	6,839,637	5,390	26,715	728	21,320	2,015	33,490
\$2,500,000 under \$5,000,000	1,143	3,532,830	1,048	6,661	167	15,792	332	12,103
\$5,000,000 under \$10,000,000	338	2,103,200	305	2,164	58	9,202	109	7,919
\$10,000,000 or more	135	2,999,333	124	1,201	26	11,469	49	6,977

Size of gross estate	Type of deductions (continued)							
	Other expenses and losses		Debts and mortgages		Charitable bequests		Bequests to surviving spouse	
	Number	Amount	Number	Amount	Number	Amount	Number	Amount
	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)
All returns, total	32,874	443,176	38,067	3,566,565	8,987	3,978,020	20,191	21,540,909
\$500,000 under \$600,000	5,337	23,272	6,119	154,099	1,297	93,154	2,795	903,963
\$600,000 under \$1,000,000	14,695	98,512	16,782	634,520	3,496	640,611	8,117	3,269,768
\$1,000,000 under \$2,500,000	9,537	114,431	11,122	990,639	2,875	858,208	6,730	6,155,216
\$2,500,000 under \$5,000,000	2,167	69,702	2,669	585,704	770	504,899	1,680	3,832,111
\$5,000,000 under \$10,000,000	755	45,019	919	434,473	338	402,273	572	2,586,744
\$10,000,000 or more	383	92,239	457	767,130	212	1,478,876	296	4,793,107
Taxable returns, total	20,380	356,981	19,457	1,461,378	4,886	1,797,661	2,927	5,050,236
\$500,000 under \$600,000	1,408	5,901	1,371	9,338	196	948	17	843
\$600,000 under \$1,000,000	9,687	70,076	8,982	156,463	1,872	50,399	605	68,473
\$1,000,000 under \$2,500,000	6,646	92,825	6,417	363,806	1,856	226,676	1,225	663,290
\$2,500,000 under \$5,000,000	1,708	58,601	1,712	249,955	515	178,285	646	1,005,438
\$5,000,000 under \$10,000,000	614	41,654	639	224,535	271	222,790	261	824,292
\$10,000,000 or more	317	87,923	337	457,281	177	1,118,563	173	2,487,899
Nontaxable returns, total	12,493	86,195	18,610	2,105,187	4,101	2,180,359	17,264	16,490,674
\$500,000 under \$600,000	3,929	17,371	4,748	144,761	1,102	92,206	2,778	903,120
\$600,000 under \$1,000,000	5,008	28,436	7,800	478,057	1,624	590,212	7,512	3,201,295
\$1,000,000 under \$2,500,000	2,891	21,606	4,705	626,833	1,019	631,531	5,506	5,491,926
\$2,500,000 under \$5,000,000	458	11,101	956	335,750	255	326,614	1,034	2,826,673
\$5,000,000 under \$10,000,000	141	3,365	280	209,938	67	179,483	312	1,762,452
\$10,000,000 or more	67	4,316	121	309,849	34	360,313	123	2,305,208

See footnote at end of table.

Estate Tax Returns, 1986-1988

Table 1B.—Returns Filed in 1987: Gross Estate by Type of Property, Deductions, Taxable Estate, Estate Tax, and Tax Credits, by Size of Gross Estate—(Continued)

[Estimates are based on samples—money amounts are in thousands]

Size of gross estate	Taxable estate		Adjusted taxable gifts		Adjusted taxable estate	
	Number	Amount	Number	Amount	Number	Amount
	(45)	(46)	(47)	(48)	(49)	(50)
All returns, total	40,874	35,913,662	3,648	541,366	40,935	36,455,028
\$500,000 under \$600,000	6,490	2,911,369	265	18,846	6,511	2,930,215
\$600,000 under \$1,000,000	18,201	10,296,891	958	94,145	18,223	10,391,036
\$1,000,000 under \$2,500,000	11,914	10,515,784	1,238	153,989	11,922	10,669,773
\$2,500,000 under \$5,000,000	2,828	5,067,695	650	107,674	2,834	5,175,369
\$5,000,000 under \$10,000,000	969	3,180,200	317	78,092	972	3,258,292
\$10,000,000 or more	473	3,941,723	220	88,621	473	4,030,344
Taxable returns, total	21,335	27,989,656	2,550	447,123	21,335	28,436,779
\$500,000 under \$600,000	1,511	823,473	114	6,746	1,511	830,219
\$600,000 under \$1,000,000	10,113	7,113,447	581	71,841	10,113	7,185,288
\$1,000,000 under \$2,500,000	6,884	8,489,803	866	118,728	6,884	8,608,531
\$2,500,000 under \$5,000,000	1,816	4,622,858	558	96,819	1,816	4,719,677
\$5,000,000 under \$10,000,000	663	3,048,258	245	69,225	663	3,117,483
\$10,000,000 or more	349	3,891,816	185	83,765	349	3,975,581
Nontaxable returns, total	19,540	7,924,006	1,098	94,243	19,600	8,018,249
\$500,000 under \$600,000	4,979	2,087,896	151	12,100	5,000	2,099,996
\$600,000 under \$1,000,000	8,088	3,183,444	377	22,305	8,111	3,205,749
\$1,000,000 under \$2,500,000	5,030	2,025,981	372	35,261	5,039	2,061,242
\$2,500,000 under \$5,000,000	1,012	444,836	91	10,855	1,018	455,691
\$5,000,000 under \$10,000,000	306	131,942	72	8,867	309	140,808
\$10,000,000 or more	124	49,907	34	4,856	124	54,763

Size of gross estate	Estate tax before credit		Allowable unified credit		Other tax credits		Estate tax after credits	
	Number	Amount	Number	Amount	Number	Amount	Number	Amount
	(51)	(52)	(53)	(54)	(55)	(56)	(57)	(58)
All returns, total	40,908	13,767,320	40,907	5,803,427	25,128	1,605,903	21,335	6,357,981
\$500,000 under \$600,000	6,502	904,276	6,502	864,104	2,713	24,831	1,511	15,340
\$600,000 under \$1,000,000	18,208	3,358,540	18,208	2,569,767	11,726	208,352	10,113	580,417
\$1,000,000 under \$2,500,000	11,920	3,765,036	11,920	1,728,627	7,595	362,303	6,884	1,674,104
\$2,500,000 under \$5,000,000	2,834	2,151,744	2,834	426,272	1,999	279,323	1,816	1,446,148
\$5,000,000 under \$10,000,000	972	1,525,621	971	144,448	726	255,002	663	1,126,172
\$10,000,000 or more	473	2,062,104	473	70,209	368	476,093	349	1,515,801
Taxable returns, total	21,335	11,296,781	21,334	3,373,581	20,949	1,565,211	21,335	6,357,981
\$500,000 under \$600,000	1,511	263,110	1,511	230,485	1,454	17,285	1,511	15,340
\$600,000 under \$1,000,000	10,113	2,368,463	10,113	1,597,965	9,886	190,077	10,113	580,417
\$1,000,000 under \$2,500,000	6,884	3,127,428	6,884	1,101,430	6,807	351,891	6,884	1,674,104
\$2,500,000 under \$5,000,000	1,816	2,010,307	1,816	286,829	1,797	277,329	1,816	1,446,148
\$5,000,000 under \$10,000,000	663	1,481,936	662	102,398	657	253,367	663	1,126,172
\$10,000,000 or more	349	2,045,537	349	54,474	348	475,262	349	1,515,801
Nontaxable returns, total	19,573	2,470,539	19,573	2,429,846	4,179	40,693	—	—
\$500,000 under \$600,000	4,991	641,165	4,991	633,619	1,259	7,546	—	—
\$600,000 under \$1,000,000	8,095	990,077	8,095	971,802	1,840	18,275	—	—
\$1,000,000 under \$2,500,000	5,037	637,609	5,037	627,197	788	10,412	—	—
\$2,500,000 under \$5,000,000	1,018	141,437	1,018	139,443	203	1,994	—	—
\$5,000,000 under \$10,000,000	309	43,685	309	42,050	69	1,635	—	—
\$10,000,000 or more	124	16,567	124	15,736	20	831	—	—

¹ The types of property shown in columns 3 through 26 exclude lifetime transfers shown in columns 27 and 28.
NOTE: Detail may not add to totals because of rounding.

Estate Tax Returns, 1986-1988

Table 1C.—Returns Filed in 1988: Gross Estate by Type of Property, Deductions, Taxable Estate, Estate Tax, and Tax Credits, by Size of Gross Estate

[Estimates are based on samples—money amounts are in thousands]

Size of gross estate	Gross estate		Type of property ¹			
	Number	Amount	Real estate		Corporate stock	
			Number	Amount	Number	Amount
	(1)	(2)	(3)	(4)	(5)	(6)
All returns, total	43,683	70,625,351	35,077	13,564,791	34,333	19,638,765
\$500,000 under \$600,000	2,823	1,560,560	2,274	474,971	2,084	251,729
\$600,000 under \$1,000,000	21,347	16,384,752	16,647	4,128,234	16,145	3,483,908
\$1,000,000 under \$2,500,000	14,891	21,770,233	12,249	4,783,112	12,115	5,732,993
\$2,500,000 under \$5,000,000	3,070	10,399,816	2,606	1,795,203	2,640	3,221,050
\$5,000,000 under \$10,000,000	1,013	6,767,629	844	1,079,346	866	2,089,766
\$10,000,000 or more	541	13,742,360	457	1,303,925	483	4,860,318
Taxable returns, total	18,948	39,794,444	14,419	6,370,186	15,004	12,013,992
\$500,000 under \$600,000	251	141,453	189	30,945	201	26,355
\$600,000 under \$1,000,000	7,821	6,313,122	5,635	1,398,441	5,907	1,545,872
\$1,000,000 under \$2,500,000	7,804	11,517,333	6,108	2,421,743	6,265	3,128,676
\$2,500,000 under \$5,000,000	2,014	6,841,576	1,613	964,267	1,715	2,332,713
\$5,000,000 under \$10,000,000	671	4,468,104	554	652,990	577	1,424,570
\$10,000,000 or more	387	10,512,855	319	901,799	339	3,555,805
Nontaxable returns, total	24,735	30,830,907	20,658	7,194,605	19,328	7,624,773
\$500,000 under \$600,000	2,572	1,419,107	2,085	444,026	1,883	225,374
\$600,000 under \$1,000,000	13,525	10,071,630	11,011	2,729,794	10,238	1,938,035
\$1,000,000 under \$2,500,000	7,086	10,252,899	6,141	2,361,369	5,850	2,604,317
\$2,500,000 under \$5,000,000	1,056	3,558,240	994	830,935	924	888,338
\$5,000,000 under \$10,000,000	342	2,299,525	290	426,355	289	664,196
\$10,000,000 or more	153	3,229,506	137	402,126	143	1,304,513

Size of gross estate	Type of property ¹ (continued)							
	Federal savings bonds		Other Federal bonds		State and local bonds		Corporate and foreign bonds ¹	
	Number	Amount	Number	Amount	Number	Amount	Number	Amount
	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
All returns, total	6,225	243,307	9,239	1,539,252	19,521	5,823,077	9,391	471,854
\$500,000 under \$600,000	405	6,731	424	27,551	891	58,765	454	9,200
\$600,000 under \$1,000,000	3,512	138,879	4,372	375,662	8,509	1,071,945	4,285	130,063
\$1,000,000 under \$2,500,000	1,941	73,686	3,267	476,314	7,412	1,993,729	3,429	143,710
\$2,500,000 under \$5,000,000	235	15,337	783	193,203	1,753	951,320	826	41,888
\$5,000,000 under \$10,000,000	86	4,365	260	166,208	611	680,983	236	44,706
\$10,000,000 or more	46	4,308	133	300,315	344	1,066,335	160	102,288
Taxable returns, total	2,753	129,233	4,497	1,056,080	9,357	3,807,050	4,581	260,839
\$500,000 under \$600,000	*44	*60	*63	*4,250	*114	*11,107	*40	*1,629
\$600,000 under \$1,000,000	1,354	63,753	1,461	154,893	3,187	473,738	1,711	54,702
\$1,000,000 under \$2,500,000	1,102	45,070	2,069	348,048	4,118	1,192,139	1,900	77,962
\$2,500,000 under \$5,000,000	161	13,311	611	165,008	1,256	726,553	655	31,989
\$5,000,000 under \$10,000,000	58	3,070	183	121,126	430	508,545	161	28,642
\$10,000,000 or more	34	3,968	110	262,756	252	894,968	114	65,916
Nontaxable returns, total	3,471	114,074	4,742	483,172	10,164	2,016,028	4,810	211,015
\$500,000 under \$600,000	362	6,671	361	23,301	777	47,659	414	7,571
\$600,000 under \$1,000,000	2,158	75,126	2,911	220,769	5,322	598,207	2,574	75,361
\$1,000,000 under \$2,500,000	839	28,616	1,198	128,267	3,294	801,590	1,530	65,748
\$2,500,000 under \$5,000,000	*73	*2,026	172	28,195	496	224,767	171	9,899
\$5,000,000 under \$10,000,000	28	1,295	77	45,082	181	172,438	75	16,064
\$10,000,000 or more	12	339	23	37,559	92	171,367	46	36,372

See footnote at end of table.

Table 1C.—Returns Filed in 1988: Gross Estate by Type of Property, Deductions, Taxable Estate, Estate Tax, and Tax Credits, by Size of Gross Estate—(Continued)

[Estimates are based on samples—money amounts are in thousands]

Size of gross estate	Type of property ¹ (continued)							
	Cash		Notes and mortgages		Life insurance		Annuities	
	Number	Amount	Number	Amount	Number	Amount	Number	Amount
	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)
All returns, total	42,345	7,614,416	12,568	1,708,717	23,741	2,150,015	11,985	1,692,324
\$500,000 under \$600,000	2,651	287,350	732	43,308	1,542	78,240	663	48,067
\$600,000 under \$1,000,000	20,770	2,983,127	5,358	423,086	11,364	653,461	5,575	468,800
\$1,000,000 under \$2,500,000	14,456	2,563,887	4,631	499,506	8,210	907,625	4,441	744,786
\$2,500,000 under \$5,000,000	2,958	870,721	1,178	340,039	1,736	277,084	841	242,224
\$5,000,000 under \$10,000,000	982	432,952	396	146,162	576	138,173	300	112,813
\$10,000,000 or more	530	476,379	273	256,616	314	95,433	164	75,633
Taxable returns, total	18,581	4,163,744	5,414	790,485	8,312	562,926	3,367	469,984
\$500,000 under \$600,000	243	28,677	113	8,310	96	6,266	77	10,050
\$600,000 under \$1,000,000	7,700	1,412,541	2,011	168,294	3,292	103,574	1,022	58,942
\$1,000,000 under \$2,500,000	7,652	1,499,748	2,102	228,014	3,420	226,735	1,605	209,937
\$2,500,000 under \$5,000,000	1,957	559,413	775	153,268	967	113,370	421	106,768
\$5,000,000 under \$10,000,000	649	300,187	227	79,787	326	54,123	148	47,727
\$10,000,000 or more	380	363,179	186	152,812	211	58,857	93	36,560
Nontaxable returns, total	23,765	3,450,671	7,154	918,232	15,429	1,587,089	8,618	1,222,340
\$500,000 under \$600,000	2,408	258,673	619	34,998	1,447	71,974	586	38,018
\$600,000 under \$1,000,000	13,070	1,570,586	3,348	254,792	8,072	549,887	4,553	409,858
\$1,000,000 under \$2,500,000	6,804	1,064,139	2,529	271,491	4,790	680,890	2,836	534,849
\$2,500,000 under \$5,000,000	1,001	311,308	403	186,772	769	163,714	420	135,455
\$5,000,000 under \$10,000,000	333	132,765	168	66,374	250	84,050	151	65,086
\$10,000,000 or more	149	113,200	87	103,804	102	36,575	71	39,074

Size of gross estate	Type of property ¹ (continued)					
	Noncorporate business assets		Household goods and other assets		Lifetime transfers	
	Number	Amount	Number	Amount	Number	Amount
	(23)	(24)	(25)	(26)	(27)	(28)
All returns, total	10,916	2,519,361	39,374	2,547,407	9,382	11,112,065
\$500,000 under \$600,000	601	45,179	2,414	66,675	543	162,794
\$600,000 under \$1,000,000	4,232	311,230	18,890	444,483	3,897	1,771,873
\$1,000,000 under \$2,500,000	4,203	612,032	13,719	644,329	3,382	2,594,523
\$2,500,000 under \$5,000,000	1,124	504,852	2,889	442,114	939	1,504,782
\$5,000,000 under \$10,000,000	468	363,915	954	186,278	378	1,322,963
\$10,000,000 or more	287	682,153	509	763,528	243	3,755,131
Taxable returns, total	4,102	1,198,395	16,943	1,442,206	4,459	7,529,326
\$500,000 under \$600,000	**	**	224	5,131	**	**
\$600,000 under \$1,000,000	**1,440	**114,558	6,609	113,563	**1,417	**658,926
\$1,000,000 under \$2,500,000	1,549	239,284	7,202	292,656	1,898	1,607,321
\$2,500,000 under \$5,000,000	642	262,823	1,904	282,378	675	1,129,716
\$5,000,000 under \$10,000,000	279	186,018	637	120,551	279	940,767
\$10,000,000 or more	191	395,713	367	627,928	189	3,192,595
Nontaxable returns, total	6,814	1,320,966	22,431	1,105,202	4,924	3,582,739
\$500,000 under \$600,000	**	**	2,190	61,544	**	**
\$600,000 under \$1,000,000	**3,393	**241,850	12,281	330,920	**3,022	**1,275,741
\$1,000,000 under \$2,500,000	2,654	372,748	6,517	351,673	1,483	987,201
\$2,500,000 under \$5,000,000	482	242,029	985	159,737	265	375,066
\$5,000,000 under \$10,000,000	189	177,897	317	65,727	99	382,196
\$10,000,000 or more	96	286,441	141	135,600	54	562,536

See footnote at end of table.

Estate Tax Returns, 1986-1988

Table 1C.—Returns Filed in 1988: Gross Estate by Type of Property, Deductions, Taxable Estate, Estate Tax, and Tax Credits, by Size of Gross Estate—(Continued)

[Estimates are based on samples—money amounts are in thousands]

Size of gross estate	Type of deductions							
	Total allowable deductions		Funeral expenses		Executors' commissions		Attorneys' fees	
	Number	Amount	Number	Amount	Number	Amount	Number	Amount
	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)
All returns, total	43,596	33,523,907	40,274	197,547	15,408	632,595	25,702	604,906
\$500,000 under \$600,000	2,740	478,176	2,365	9,592	484	5,809	1,192	10,270
\$600,000 under \$1,000,000	21,346	5,400,451	19,875	91,062	6,449	117,683	12,302	161,456
\$1,000,000 under \$2,500,000	14,891	9,516,321	13,688	67,012	6,066	206,889	9,048	217,490
\$2,500,000 under \$5,000,000	3,070	5,071,318	2,884	18,939	1,548	100,423	2,081	88,041
\$5,000,000 under \$10,000,000	1,010	3,630,523	950	6,111	542	74,465	686	55,570
\$10,000,000 or more	541	9,427,118	512	4,830	319	127,326	392	72,080
Taxable returns, total	18,944	11,991,865	18,500	91,024	11,726	536,362	16,642	464,365
\$500,000 under \$600,000	251	9,363	251	1,313	72	574	235	2,612
\$600,000 under \$1,000,000	7,820	513,283	7,692	34,720	4,224	81,515	6,752	96,500
\$1,000,000 under \$2,500,000	7,804	1,825,270	7,584	35,315	5,237	183,640	6,939	178,786
\$2,500,000 under \$5,000,000	2,014	1,941,407	1,954	11,993	1,428	94,928	1,825	79,193
\$5,000,000 under \$10,000,000	668	1,440,787	645	3,944	476	65,419	558	46,853
\$10,000,000 or more	387	6,261,754	373	3,739	289	110,286	332	60,421
Nontaxable returns, total	24,651	21,532,042	21,774	106,523	3,682	96,233	9,060	140,541
\$500,000 under \$600,000	2,488	468,813	2,114	8,280	412	5,235	957	7,658
\$600,000 under \$1,000,000	13,525	4,887,168	12,183	56,342	2,225	36,168	5,550	64,955
\$1,000,000 under \$2,500,000	7,086	7,691,051	6,104	31,697	830	23,249	2,108	38,704
\$2,500,000 under \$5,000,000	1,056	3,129,911	930	6,946	119	5,495	256	8,848
\$5,000,000 under \$10,000,000	342	2,189,736	305	2,167	66	9,046	128	8,717
\$10,000,000 or more	153	3,165,364	138	1,091	30	17,040	60	11,659

Size of gross estate	Type of deductions (continued)							
	Other expenses and losses		Debts and mortgages		Charitable bequests		Bequests to surviving spouse	
	Number	Amount	Number	Amount	Number	Amount	Number	Amount
	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)
All returns, total	30,762	489,134	35,547	3,252,149	8,376	4,822,104	20,593	23,539,610
\$500,000 under \$600,000	1,651	8,459	1,927	59,938	460	11,182	1,168	372,974
\$600,000 under \$1,000,000	14,858	88,004	16,989	617,632	3,545	561,261	9,154	3,765,013
\$1,000,000 under \$2,500,000	10,716	167,792	12,429	1,054,336	2,854	830,767	7,697	6,977,449
\$2,500,000 under \$5,000,000	2,304	81,093	2,755	468,237	956	695,734	1,690	3,625,448
\$5,000,000 under \$10,000,000	805	57,257	937	408,596	329	496,761	557	2,531,763
\$10,000,000 or more	427	86,529	512	643,410	232	2,226,399	327	6,266,963
Taxable returns, total	18,434	408,515	17,111	1,298,194	4,485	2,546,004	3,039	6,648,079
\$500,000 under \$600,000	251	1,026	191	3,441	..	..	..	..
\$600,000 under \$1,000,000	7,655	57,978	6,842	133,038	**1,382	**30,368	**538	**79,819
\$1,000,000 under \$2,500,000	7,613	143,396	7,198	373,699	1,922	205,462	1,299	704,973
\$2,500,000 under \$5,000,000	1,922	75,820	1,855	233,114	739	324,374	759	1,121,985
\$5,000,000 under \$10,000,000	639	49,228	647	195,821	256	248,103	253	831,420
\$10,000,000 or more	353	81,067	377	359,081	186	1,737,697	191	3,909,883
Nontaxable returns, total	12,329	80,619	18,436	1,953,954	3,891	2,276,101	17,553	16,891,531
\$500,000 under \$600,000	1,400	7,433	1,736	56,497	..	..	..	..
\$600,000 under \$1,000,000	7,203	30,026	10,146	484,593	**2,623	**542,075	**9,785	**4,058,168
\$1,000,000 under \$2,500,000	3,103	24,396	5,230	680,637	932	625,305	6,398	6,272,476
\$2,500,000 under \$5,000,000	382	5,273	900	235,123	218	371,360	932	2,503,464
\$5,000,000 under \$10,000,000	166	8,029	290	212,775	73	248,658	304	1,700,344
\$10,000,000 or more	74	5,462	134	284,330	46	488,703	135	2,357,080

See footnote at end of table.

Table 1C.—Returns Filed in 1988: Gross Estate by Type of Property, Deductions, Taxable Estate, Estate Tax, and Tax Credits, by Size of Gross Estate—(Continued)

[Estimates are based on samples—money amounts are in thousands]

Size of gross estate	Taxable estate		Adjusted taxable gifts		Adjusted taxable estate	
	Number	Amount	Number	Amount	Number	Amount
	(45)	(46)	(47)	(48)	(49)	(50)
All returns, total	39,480	37,250,179	4,582	918,247	39,551	38,168,426
\$500,000 under \$600,000.....	2,423	1,090,043	*129	*23,845	2,423	1,113,889
\$600,000 under \$1,000,000.....	19,153	11,016,864	1,468	188,435	19,180	11,205,300
\$1,000,000 under \$2,500,000.....	13,515	12,310,005	1,646	298,621	13,552	12,608,627
\$2,500,000 under \$5,000,000.....	2,894	5,349,486	764	142,292	2,894	5,491,778
\$5,000,000 under \$10,000,000.....	964	3,168,298	331	103,428	967	3,271,726
\$10,000,000 or more.....	531	4,315,482	244	161,625	535	4,477,107
Taxable returns, total	18,948	27,802,575	3,040	768,440	18,948	28,571,015
\$500,000 under \$600,000.....	251	132,090	*91	*20,252	251	152,342
\$600,000 under \$1,000,000.....	7,821	5,799,837	790	157,508	7,821	5,957,345
\$1,000,000 under \$2,500,000.....	7,804	9,692,061	1,151	230,707	7,804	9,922,768
\$2,500,000 under \$5,000,000.....	2,014	4,900,169	548	123,574	2,014	5,023,743
\$5,000,000 under \$10,000,000.....	671	3,027,317	269	88,323	671	3,115,640
\$10,000,000 or more.....	387	4,251,101	190	148,076	387	4,399,177
Nontaxable returns, total	20,531	9,447,604	1,542	149,807	20,602	9,597,411
\$500,000 under \$600,000.....	2,172	957,953	*39	*3,594	2,172	961,547
\$600,000 under \$1,000,000.....	11,331	5,217,027	678	30,927	11,359	5,247,954
\$1,000,000 under \$2,500,000.....	5,711	2,617,944	495	67,915	5,748	2,685,859
\$2,500,000 under \$5,000,000.....	881	449,317	215	18,718	881	468,035
\$5,000,000 under \$10,000,000.....	293	140,981	62	15,105	296	156,086
\$10,000,000 or more.....	143	64,382	54	13,549	147	77,930

Size of gross estate	Estate tax before credit		Allowable unified credit		Other tax credits		Estate tax after credits	
	Number	Amount	Number	Amount	Number	Amount	Number	Amount
	(51)	(52)	(53)	(54)	(55)	(56)	(57)	(58)
All returns, total	39,550	14,486,522	39,550	6,559,535	21,956	1,627,742	18,948	6,299,236
\$500,000 under \$600,000.....	2,423	348,110	2,423	337,720	331	3,354	251	7,036
\$600,000 under \$1,000,000.....	19,180	3,625,396	19,180	3,112,637	9,804	174,897	7,821	337,858
\$1,000,000 under \$2,500,000.....	13,552	4,458,288	13,552	2,317,646	8,484	391,681	7,804	1,748,958
\$2,500,000 under \$5,000,000.....	2,894	2,271,984	2,894	521,863	2,214	316,877	2,014	1,433,244
\$5,000,000 under \$10,000,000.....	966	1,522,508	966	174,120	712	247,854	671	1,100,534
\$10,000,000 or more.....	535	2,260,235	535	95,550	410	493,079	387	1,671,606
Taxable returns, total	18,948	11,464,152	18,948	3,584,373	18,365	1,580,535	18,948	6,299,236
\$500,000 under \$600,000.....	251	49,200	251	39,693	219	2,471	251	7,036
\$600,000 under \$1,000,000.....	7,821	1,972,302	7,821	1,481,677	7,536	152,764	7,821	337,858
\$1,000,000 under \$2,500,000.....	7,804	3,610,349	7,804	1,480,058	7,580	381,330	7,804	1,748,958
\$2,500,000 under \$5,000,000.....	2,014	2,120,747	2,014	383,516	1,989	303,986	2,014	1,433,244
\$5,000,000 under \$10,000,000.....	671	1,474,446	671	126,717	660	247,195	671	1,100,534
\$10,000,000 or more.....	387	2,237,107	387	72,712	380	492,789	387	1,671,606
Nontaxable returns, total	20,601	3,022,370	20,601	2,975,163	3,591	47,207	—	—
\$500,000 under \$600,000.....	2,172	298,910	2,172	298,027	112	883	—	—
\$600,000 under \$1,000,000.....	11,359	1,653,094	11,359	1,630,960	2,268	22,133	—	—
\$1,000,000 under \$2,500,000.....	5,748	847,939	5,748	837,588	904	10,351	—	—
\$2,500,000 under \$5,000,000.....	881	151,237	881	138,346	225	12,891	—	—
\$5,000,000 under \$10,000,000.....	295	48,062	295	47,403	52	659	—	—
\$10,000,000 or more.....	147	23,128	147	22,838	30	290	—	—

¹ The types of property shown in columns 3 through 26 exclude lifetime transfers shown in columns 27 and 28.
 * Estimates should be used with caution because of small number of sample estate tax returns on which it is based.
 ** Data combined to avoid disclosure of specific estate tax returns.
 NOTE: Detail may not add to totals because of rounding.

Estate Tax Returns, 1986-1988

Table 2.—Estate Tax Returns Filed for 1986 Decedents: Gross Estate by Type of Property, Deductions, Taxable Estate, Estate Tax, and Tax Credits, by Size of Gross Estate

(Estimates are based on samples—money amounts are in thousands)

Size of gross estate	Gross estate		Type of property ¹			
	Number	Amount	Real estate		Corporate stock	
			Number	Amount	Number	Amount
	(1)	(2)	(3)	(4)	(5)	(6)
All returns, total	45,795	66,018,791	35,914	12,842,935	35,619	18,228,136
\$500,000 under \$600,000.....	9,237	5,065,341	6,889	1,189,239	6,647	1,014,062
\$600,000 under \$1,000,000.....	19,299	14,695,606	15,036	3,518,457	14,737	3,288,090
\$1,000,000 under \$2,500,000.....	12,923	19,040,854	10,447	4,173,128	10,531	4,834,170
\$2,500,000 under \$5,000,000.....	2,873	9,762,913	2,304	1,698,181	2,431	2,924,535
\$5,000,000 under \$10,000,000.....	993	6,679,195	835	1,017,124	860	2,351,401
\$10,000,000 or more.....	470	10,774,882	403	1,246,806	413	3,815,879
Taxable returns, total	21,961	37,768,887	16,255	6,535,931	17,364	11,560,923
\$500,000 under \$600,000.....	1,893	1,085,337	1,175	201,903	1,376	263,531
\$600,000 under \$1,000,000.....	10,158	7,758,044	7,406	1,802,952	7,802	1,878,204
\$1,000,000 under \$2,500,000.....	7,163	10,625,453	5,478	2,147,251	5,833	2,936,207
\$2,500,000 under \$5,000,000.....	1,739	5,890,919	1,353	917,011	1,474	1,824,429
\$5,000,000 under \$10,000,000.....	659	4,449,084	546	591,623	574	1,629,055
\$10,000,000 or more.....	350	7,980,050	296	875,190	306	3,029,499
Nontaxable returns, total	23,834	28,229,904	19,659	6,307,005	18,255	6,667,213
\$500,000 under \$600,000.....	7,344	3,980,004	5,714	987,335	5,271	750,531
\$600,000 under \$1,000,000.....	9,141	6,937,563	7,630	1,715,505	6,935	1,409,886
\$1,000,000 under \$2,500,000.....	5,761	8,415,401	4,969	2,025,877	4,698	1,897,963
\$2,500,000 under \$5,000,000.....	1,134	3,871,994	950	781,170	958	1,100,106
\$5,000,000 under \$10,000,000.....	334	2,230,111	289	425,501	286	722,347
\$10,000,000 or more.....	120	2,794,831	107	371,615	107	786,380

Size of gross estate	Type of property ¹ (continued)							
	Federal savings bonds		Other Federal bonds		State and local bonds		Corporate and foreign bonds ¹	
	Number	Amount	Number	Amount	Number	Amount	Number	Amount
	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
All returns, total	6,586	303,843	10,405	1,751,046	18,980	5,150,526	10,447	552,899
\$500,000 under \$600,000.....	1,480	66,354	1,984	204,299	2,795	248,298	1,723	52,060
\$600,000 under \$1,000,000.....	3,048	126,387	4,361	437,933	7,268	878,916	4,444	156,306
\$1,000,000 under \$2,500,000.....	1,669	81,804	3,029	503,516	6,389	1,610,281	3,173	151,113
\$2,500,000 under \$5,000,000.....	258	17,363	643	223,730	1,648	965,107	711	54,109
\$5,000,000 under \$10,000,000.....	82	6,241	263	171,413	599	644,629	263	38,555
\$10,000,000 or more.....	48	5,693	125	210,154	282	803,295	133	100,757
Taxable returns, total	3,270	178,938	5,805	1,143,266	9,731	3,330,612	5,607	328,978
\$500,000 under \$600,000.....	215	18,011	470	42,256	561	67,710	381	14,103
\$600,000 under \$1,000,000.....	1,726	83,216	2,644	262,737	3,823	484,213	2,517	92,807
\$1,000,000 under \$2,500,000.....	1,083	57,981	1,953	352,665	3,652	998,940	1,981	95,364
\$2,500,000 under \$5,000,000.....	148	9,565	430	180,514	1,058	672,820	442	36,640
\$5,000,000 under \$10,000,000.....	60	5,294	206	132,990	421	477,877	187	26,209
\$10,000,000 or more.....	38	4,871	102	172,105	215	629,052	98	63,855
Nontaxable returns, total	3,316	124,905	4,600	607,780	9,249	1,819,914	4,840	223,921
\$500,000 under \$600,000.....	1,265	48,343	1,514	162,043	2,234	180,588	1,342	37,956
\$600,000 under \$1,000,000.....	1,322	43,171	1,717	175,196	3,444	394,703	1,926	63,499
\$1,000,000 under \$2,500,000.....	586	23,823	1,076	150,852	2,738	611,341	1,191	55,749
\$2,500,000 under \$5,000,000.....	110	7,799	212	43,217	590	292,287	269	17,469
\$5,000,000 under \$10,000,000.....	22	947	57	38,424	177	166,752	76	12,346
\$10,000,000 or more.....	10	822	23	38,049	66	174,243	34	36,902

See footnote at end of table.

Table 2.—Estate Tax Returns Filed for 1986 Decedents: Gross Estate by Type of Property, Deductions, Taxable Estate, Estate Tax, and Tax Credits, by Size of Gross Estate—(Continued)

[Estimates are based on samples—money amounts are in thousands]

Size of gross estate	Type of property ¹ (continued)							
	Cash		Notes and mortgages		Life insurance		Annuities	
	Number	Amount	Number	Amount	Number	Amount	Number	Amount
	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)
All returns, total	44,318	7,236,935	14,050	1,889,548	24,893	2,014,350	12,212	1,515,481
\$500,000 under \$600,000	8,886	1,104,197	2,466	175,688	4,998	194,337	2,055	106,541
\$600,000 under \$1,000,000	18,673	2,456,851	5,318	409,031	10,312	666,386	5,022	429,066
\$1,000,000 under \$2,500,000	12,558	2,174,276	4,470	601,394	7,047	719,784	3,813	562,451
\$2,500,000 under \$5,000,000	2,779	693,959	1,153	286,224	1,712	248,753	896	255,072
\$5,000,000 under \$10,000,000	964	380,446	415	136,178	551	111,160	293	101,280
\$10,000,000 or more	457	427,205	228	281,033	273	73,930	133	61,071
Taxable returns, total	21,386	4,298,581	6,568	932,709	9,478	573,047	3,853	459,252
\$500,000 under \$600,000	1,817	260,325	416	28,697	729	15,008	316	14,859
\$600,000 under \$1,000,000	9,885	1,566,682	2,741	203,112	4,245	157,704	1,485	91,216
\$1,000,000 under \$2,500,000	7,009	1,453,711	2,310	299,728	3,078	205,580	1,389	155,496
\$2,500,000 under \$5,000,000	1,688	445,162	671	159,235	900	86,732	428	113,959
\$5,000,000 under \$10,000,000	644	262,622	258	84,231	335	54,138	152	42,193
\$10,000,000 or more	343	310,080	171	157,706	191	53,886	81	41,529
Nontaxable returns, total	22,932	2,938,354	7,482	956,839	15,415	1,441,303	8,359	1,056,229
\$500,000 under \$600,000	7,069	843,872	2,050	146,991	4,269	179,329	1,739	91,682
\$600,000 under \$1,000,000	8,787	890,170	2,576	205,919	6,067	508,681	3,536	337,850
\$1,000,000 under \$2,500,000	5,549	720,564	2,159	301,666	3,969	514,204	2,424	406,954
\$2,500,000 under \$5,000,000	1,092	248,798	482	126,989	812	162,021	468	141,113
\$5,000,000 under \$10,000,000	321	117,824	157	51,946	215	57,022	141	59,087
\$10,000,000 or more	114	117,125	57	123,327	82	20,045	52	19,542

Size of gross estate	Type of property ¹ (continued)					
	Noncorporate business assets		Household goods and other assets		Lifetime transfers	
	Number	Amount	Number	Amount	Number	Amount
	(23)	(24)	(25)	(26)	(27)	(28)
All returns, total	11,545	2,820,362	41,731	2,368,726	9,023	9,344,001
\$500,000 under \$600,000	1,593	78,892	8,272	196,490	1,292	434,885
\$600,000 under \$1,000,000	4,189	326,929	17,425	515,179	3,396	1,486,074
\$1,000,000 under \$2,500,000	3,851	631,604	11,974	657,843	2,898	2,339,489
\$2,500,000 under \$5,000,000	1,194	410,209	2,671	337,661	886	1,648,008
\$5,000,000 under \$10,000,000	451	364,085	937	257,072	345	1,099,610
\$10,000,000 or more	267	1,008,643	452	404,482	207	2,335,935
Taxable returns, total	4,487	1,179,945	19,965	1,339,610	4,770	5,927,092
\$500,000 under \$600,000	130	11,067	1,643	38,317	296	109,550
\$600,000 under \$1,000,000	1,677	121,055	9,079	250,449	1,857	763,695
\$1,000,000 under \$2,500,000	1,600	227,715	6,648	353,929	1,638	1,340,886
\$2,500,000 under \$5,000,000	611	187,897	1,623	198,296	573	1,058,659
\$5,000,000 under \$10,000,000	281	205,369	633	175,561	244	761,922
\$10,000,000 or more	188	426,841	339	323,058	163	1,892,379
Nontaxable returns, total	7,059	1,640,417	21,766	1,029,116	4,252	3,416,909
\$500,000 under \$600,000	1,463	67,825	6,628	158,173	996	325,334
\$600,000 under \$1,000,000	2,512	205,873	8,346	264,730	1,539	722,378
\$1,000,000 under \$2,500,000	2,251	403,889	5,326	303,914	1,260	998,603
\$2,500,000 under \$5,000,000	583	222,312	1,048	139,365	313	589,349
\$5,000,000 under \$10,000,000	170	158,716	304	81,511	101	337,688
\$10,000,000 or more	79	581,801	113	81,423	45	443,556

See footnote at end of table.

Estate Tax Returns, 1986-1988

Table 2.—Estate Tax Returns Filed for 1986 Decedents: Gross Estate by Type of Property, Deductions, Taxable Estate, Estate Tax, and Tax Credits, by Size of Gross Estate—(Continued)

(Estimates are based on samples—money amounts are in thousands)

Size of gross estate	Type of deductions							
	Total allowable deductions		Funeral expenses		Executors' commissions		Attorneys' fees	
	Number	Amount	Number	Amount	Number	Amount	Number	Amount
	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)
All returns, total	45,764	30,303,044	42,893	199,078	16,462	620,867	28,259	632,275
\$500,000 under \$600,000	9,212	1,352,386	8,570	34,990	2,476	30,170	5,282	49,740
\$600,000 under \$1,000,000	19,298	5,002,079	18,079	78,215	6,496	117,286	11,861	165,833
\$1,000,000 under \$2,500,000	12,920	8,385,878	12,135	58,905	5,297	181,220	8,244	195,001
\$2,500,000 under \$5,000,000	2,873	5,098,481	2,720	15,746	1,409	102,846	1,843	87,767
\$5,000,000 under \$10,000,000	992	3,574,426	944	6,023	529	78,363	695	61,883
\$10,000,000 or more	470	6,889,794	446	5,199	255	110,981	334	72,050
Taxable returns, total	21,955	9,662,935	21,315	98,318	12,525	523,644	18,982	500,634
\$500,000 under \$600,000	1,893	44,076	1,823	7,085	619	6,316	1,566	14,305
\$600,000 under \$1,000,000	10,157	632,672	9,835	41,330	5,352	96,620	8,669	129,220
\$1,000,000 under \$2,500,000	7,159	1,792,961	6,987	32,201	4,579	160,680	6,346	161,787
\$2,500,000 under \$5,000,000	1,739	1,580,586	1,694	9,681	1,275	93,341	1,528	76,676
\$5,000,000 under \$10,000,000	658	1,473,276	638	3,955	469	69,031	580	53,310
\$10,000,000 or more	350	4,139,365	339	4,065	231	97,655	292	65,336
Nontaxable returns, total	23,809	20,640,109	21,578	100,761	3,937	97,223	9,277	131,641
\$500,000 under \$600,000	7,319	1,308,310	6,747	27,905	1,858	23,854	3,716	35,435
\$600,000 under \$1,000,000	9,141	4,369,407	8,244	36,885	1,144	20,666	3,191	36,614
\$1,000,000 under \$2,500,000	5,761	6,592,917	5,148	26,704	717	20,540	1,898	33,214
\$2,500,000 under \$5,000,000	1,134	3,517,895	1,027	6,065	135	9,505	316	11,091
\$5,000,000 under \$10,000,000	334	2,101,150	306	2,068	60	9,332	115	8,573
\$10,000,000 or more	120	2,750,429	107	1,134	23	13,326	41	6,714

Size of gross estate	Type of deductions (continued)							
	Other expenses and losses		Debts and mortgages		Charitable bequests		Bequests to surviving spouse	
	Number	Amount	Number	Amount	Number	Amount	Number	Amount
	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)
All returns, total	33,687	433,404	38,685	3,525,624	9,114	4,079,690	20,579	20,903,488
\$500,000 under \$600,000	6,643	32,092	7,361	156,518	1,509	130,691	3,226	918,267
\$600,000 under \$1,000,000	14,206	97,761	16,126	563,599	3,552	568,068	8,297	3,412,936
\$1,000,000 under \$2,500,000	9,583	118,290	11,221	1,009,471	2,745	875,956	6,566	5,963,172
\$2,500,000 under \$5,000,000	2,112	65,690	2,608	592,716	758	555,557	1,620	3,681,438
\$5,000,000 under \$10,000,000	769	44,299	922	434,044	350	396,303	580	2,625,062
\$10,000,000 or more	374	75,272	447	769,276	200	1,553,115	291	4,302,612
Taxable returns, total	20,982	341,272	20,047	1,487,861	5,075	1,965,048	3,195	4,742,136
\$500,000 under \$600,000	1,790	6,656	1,613	8,234	215	1,005	28	473
\$600,000 under \$1,000,000	9,735	70,472	9,140	163,391	2,030	52,188	729	79,451
\$1,000,000 under \$2,500,000	6,875	96,546	6,652	396,025	1,849	220,297	1,395	726,714
\$2,500,000 under \$5,000,000	1,644	56,080	1,668	255,981	527	211,974	593	872,829
\$5,000,000 under \$10,000,000	622	40,049	636	201,212	282	223,460	271	882,259
\$10,000,000 or more	316	71,468	340	463,018	172	1,256,124	181	2,180,410
Nontaxable returns, total	12,705	92,132	18,637	2,037,763	4,039	2,114,642	17,384	16,161,352
\$500,000 under \$600,000	4,854	25,436	5,748	148,284	1,294	129,686	3,198	917,794
\$600,000 under \$1,000,000	4,471	27,290	6,986	400,208	1,522	515,879	7,568	3,333,485
\$1,000,000 under \$2,500,000	2,708	21,744	4,569	613,446	897	655,659	5,171	5,236,458
\$2,500,000 under \$5,000,000	468	9,610	941	336,735	230	343,583	1,028	2,808,610
\$5,000,000 under \$10,000,000	147	4,250	287	232,832	68	172,843	309	1,742,804
\$10,000,000 or more	57	3,803	107	306,258	28	296,991	110	2,122,202

See footnote at end of table.

Table 2.—Estate Tax Returns Filed for 1986 Decedents: Gross Estate by Type of Property, Deductions, Taxable Estate, Estate Tax, and Tax Credits, by Size of Gross Estate—(Continued)

[Estimates are based on samples—money amounts are in thousands]

Size of gross estate	Taxable estate		Adjusted taxable gifts		Adjusted taxable estate	
	Number	Amount	Number	Amount	Number	Amount
	(45)	(46)	(47)	(48)	(49)	(50)
All returns, total	41,674	35,893,130	3,717	560,876	41,734	36,454,006
\$500,000 under \$600,000	8,299	3,730,164	303	21,164	8,312	3,751,328
\$600,000 under \$1,000,000	17,277	9,726,449	973	99,149	17,303	9,825,599
\$1,000,000 under \$2,500,000	11,946	10,710,369	1,320	166,751	11,955	10,877,120
\$2,500,000 under \$5,000,000	2,735	4,733,514	595	116,751	2,743	4,850,265
\$5,000,000 under \$10,000,000	958	3,105,189	312	72,057	961	3,177,246
\$10,000,000 or more	459	3,887,444	215	85,005	460	3,972,449
Taxable returns, total	21,961	28,125,945	2,679	464,923	21,961	28,590,869
\$500,000 under \$600,000	1,893	1,041,261	161	11,823	1,893	1,053,084
\$600,000 under \$1,000,000	10,158	7,125,369	647	74,601	10,158	7,199,969
\$1,000,000 under \$2,500,000	7,163	8,832,490	964	130,323	7,163	8,962,813
\$2,500,000 under \$5,000,000	1,739	4,310,333	477	103,360	1,739	4,413,693
\$5,000,000 under \$10,000,000	659	2,975,808	247	63,442	659	3,039,250
\$10,000,000 or more	350	3,840,686	183	81,374	350	3,922,060
Nontaxable returns, total	19,713	7,767,184	1,038	95,953	19,773	7,863,137
\$500,000 under \$600,000	6,407	2,688,903	143	9,341	6,419	2,698,244
\$600,000 under \$1,000,000	7,119	2,601,081	326	24,549	7,145	2,625,629
\$1,000,000 under \$2,500,000	4,783	1,877,879	356	36,428	4,792	1,914,307
\$2,500,000 under \$5,000,000	996	423,182	118	13,391	1,004	436,572
\$5,000,000 under \$10,000,000	299	129,382	64	8,615	302	137,996
\$10,000,000 or more	109	46,758	31	3,630	110	50,388

Size of gross estate	Estate tax before credit		Allowable unified credit		Other tax credits		Estate tax after credits	
	Number	Amount	Number	Amount	Number	Amount	Number	Amount
	(51)	(52)	(53)	(54)	(55)	(56)	(57)	(58)
All returns, total	41,707	13,703,817	41,707	5,793,387	25,439	1,589,355	21,961	6,321,067
\$500,000 under \$600,000	8,303	1,166,292	8,303	1,115,240	3,564	32,340	1,893	18,711
\$600,000 under \$1,000,000	17,287	3,174,598	17,287	2,369,614	11,087	206,111	10,158	598,869
\$1,000,000 under \$2,500,000	11,953	3,846,213	11,953	1,694,576	7,797	373,217	7,163	1,778,417
\$2,500,000 under \$5,000,000	2,743	1,999,870	2,743	402,426	1,901	260,823	1,739	1,336,621
\$5,000,000 under \$10,000,000	961	1,484,652	961	142,860	723	247,118	659	1,094,673
\$10,000,000 or more	460	2,032,193	460	68,671	367	469,745	350	1,493,777
Taxable returns, total	21,961	11,286,710	21,961	3,414,511	21,563	1,551,124	21,961	6,321,067
\$500,000 under \$600,000	1,893	334,363	1,893	294,051	1,795	21,601	1,893	18,711
\$600,000 under \$1,000,000	10,158	2,371,531	10,158	1,581,102	9,999	191,556	10,158	598,869
\$1,000,000 under \$2,500,000	7,163	3,256,849	7,163	1,114,147	7,056	364,283	7,163	1,778,417
\$2,500,000 under \$5,000,000	1,739	1,865,215	1,739	269,777	1,712	258,817	1,739	1,336,621
\$5,000,000 under \$10,000,000	659	1,442,082	659	101,452	654	245,957	659	1,094,673
\$10,000,000 or more	350	2,016,671	350	53,983	348	468,911	350	1,493,777
Nontaxable returns, total	19,746	2,417,107	19,746	2,378,876	3,877	38,231	—	—
\$500,000 under \$600,000	6,410	831,929	6,410	821,189	1,770	10,739	—	—
\$600,000 under \$1,000,000	7,129	803,067	7,129	788,512	1,088	14,555	—	—
\$1,000,000 under \$2,500,000	4,790	589,363	4,790	580,429	741	8,934	—	—
\$2,500,000 under \$5,000,000	1,004	134,655	1,004	132,649	189	2,007	—	—
\$5,000,000 under \$10,000,000	302	42,570	302	41,408	69	1,162	—	—
\$10,000,000 or more	110	15,522	110	14,688	19	835	—	—

¹ The types of property shown in columns 3 through 26 exclude lifetime transfers shown in columns 27 and 28.
NOTE: Detail may not add to totals because of rounding.

Estate Tax Returns, 1986-1988

Table 3.—Estate Tax Returns Filed for 1986 Decedents: Type of Property, Deductions, Taxable Estate, Estate Tax, and Tax Credits, by Size of Net Worth

[Estimates are based on samples—money amounts are in thousands]

Size of net worth	Gross estate		Type of property ¹			
	Number	Amount	Real estate		Corporate stock	
			Number	Amount	Number	Amount
	(1)	(2)	(3)	(4)	(5)	(6)
All returns, total	45,795	66,018,791	35,914	12,842,935	35,619	18,228,136
Under \$600,000 ¹	11,087	6,519,877	8,515	1,750,205	8,009	1,218,554
\$600,000 under \$1,000,000.....	18,598	14,673,951	14,448	3,460,147	14,285	3,304,024
\$1,000,000 under \$2,500,000.....	12,103	18,596,196	9,691	3,953,691	9,900	4,783,134
\$2,500,000 under \$5,000,000.....	2,671	9,600,588	2,139	1,653,859	2,258	2,929,760
\$5,000,000 under \$10,000,000.....	910	6,469,221	761	960,934	794	2,337,326
\$10,000,000 or more.....	425	10,158,958	360	1,064,100	373	3,655,339
Taxable returns, total	21,961	37,788,887	16,255	6,535,931	17,364	11,560,923
Under \$600,000 ¹	2,311	1,367,616	1,482	298,606	1,699	328,017
\$600,000 under \$1,000,000.....	10,181	7,985,925	7,463	1,875,565	7,828	1,906,455
\$1,000,000 under \$2,500,000.....	6,899	10,616,507	5,256	2,101,470	5,633	2,927,762
\$2,500,000 under \$5,000,000.....	1,635	5,842,598	1,278	898,505	1,387	1,849,198
\$5,000,000 under \$10,000,000.....	614	4,335,992	507	586,894	535	1,612,209
\$10,000,000 or more.....	320	7,640,249	269	774,890	282	2,937,281
Nontaxable returns, total	23,834	28,229,904	19,659	6,307,005	18,255	6,667,213
Under \$600,000 ¹	8,777	5,152,261	7,033	1,451,599	6,310	890,536
\$600,000 under \$1,000,000.....	8,417	6,688,026	6,984	1,584,582	6,457	1,397,568
\$1,000,000 under \$2,500,000.....	5,204	7,979,689	4,436	1,852,220	4,267	1,855,372
\$2,500,000 under \$5,000,000.....	1,035	3,757,991	861	755,354	871	1,080,562
\$5,000,000 under \$10,000,000.....	297	2,133,229	254	374,039	258	725,117
\$10,000,000 or more.....	104	2,518,709	91	289,210	91	718,058

Size of net worth	Type of property ¹ (continued)							
	Federal savings bonds		Other Federal bonds		State and local bonds		Corporate and foreign bonds ¹	
	Number	Amount	Number	Amount	Number	Amount	Number	Amount
	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
All returns, total	6,586	303,843	10,405	1,751,046	18,980	5,150,526	10,447	552,899
Under \$600,000.....	1,637	67,883	2,245	216,154	3,142	291,677	1,936	60,976
\$600,000 under \$1,000,000.....	2,979	127,092	4,257	445,348	7,288	894,122	4,368	151,963
\$1,000,000 under \$2,500,000.....	1,598	79,718	2,923	502,720	6,152	1,616,307	3,096	151,684
\$2,500,000 under \$5,000,000.....	250	17,800	615	220,725	1,569	954,661	670	49,802
\$5,000,000 under \$10,000,000.....	80	8,116	249	160,458	567	621,911	249	62,687
\$10,000,000 or more.....	41	3,233	116	205,640	262	771,847	128	75,786
Taxable returns, total	3,270	178,938	5,805	1,143,266	9,731	3,330,612	5,607	328,978
Under \$600,000.....	258	19,138	603	48,656	696	83,609	428	16,114
\$600,000 under \$1,000,000.....	1,727	83,616	2,596	272,121	3,849	495,728	2,539	93,247
\$1,000,000 under \$2,500,000.....	1,050	56,598	1,903	353,216	3,567	1,016,433	1,948	97,372
\$2,500,000 under \$5,000,000.....	139	9,980	413	171,536	1,016	660,424	419	32,655
\$5,000,000 under \$10,000,000.....	61	7,192	196	130,121	399	459,777	178	26,498
\$10,000,000 or more.....	34	2,414	94	167,616	203	614,641	95	63,092
Nontaxable returns, total	3,316	124,905	4,600	607,780	9,249	1,819,914	4,840	223,921
Under \$600,000.....	1,379	48,745	1,642	167,498	2,446	208,068	1,508	44,861
\$600,000 under \$1,000,000.....	1,252	43,477	1,661	173,227	3,439	398,395	1,829	58,716
\$1,000,000 under \$2,500,000.....	548	23,120	1,020	149,504	2,585	599,874	1,148	54,313
\$2,500,000 under \$5,000,000.....	111	7,820	201	49,189	553	294,237	252	17,147
\$5,000,000 under \$10,000,000.....	19	924	53	30,338	168	162,134	71	36,189
\$10,000,000 or more.....	7	819	22	38,024	59	157,206	32	12,694

See footnote at end of table.

Table 3.—Estate Tax Returns Filed for 1986 Decedents: Type of Property, Deductions, Taxable Estate, Estate Tax, and Tax Credits, by Size of Net Worth—(Continued)

[Estimates are based on samples—money amounts are in thousands]

Size of net worth	Type of property ¹ (continued)							
	Cash		Notes and mortgages		Life insurance		Annuities	
	Number	Amount	Number	Amount	Number	Amount	Number	Amount
	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)
All returns, total	44,318	7,236,935	14,050	1,889,548	24,893	2,014,350	12,212	1,515,481
Under \$600,000	10,659	1,222,424	3,072	235,997	6,285	363,969	2,723	158,988
\$600,000 under \$1,000,000	18,014	2,455,593	5,258	428,524	9,770	634,169	4,786	428,545
\$1,000,000 under \$2,500,000	11,763	2,125,269	4,094	585,908	6,534	645,845	3,510	531,446
\$2,500,000 under \$5,000,000	2,585	682,894	1,050	258,776	1,566	219,520	823	250,812
\$5,000,000 under \$10,000,000	884	360,047	374	129,021	500	90,552	255	88,009
\$10,000,000 or more	413	390,708	201	251,322	238	60,295	116	57,680
Taxable returns, total	21,386	4,298,581	6,568	932,709	9,478	573,047	3,853	459,252
Under \$600,000	2,231	296,730	530	34,865	980	29,354	403	21,017
\$600,000 under \$1,000,000	9,909	1,593,998	2,829	222,064	4,212	172,252	1,516	96,779
\$1,000,000 under \$2,500,000	6,748	1,435,064	2,192	316,755	2,968	193,637	1,332	152,572
\$2,500,000 under \$5,000,000	1,584	434,280	622	135,572	839	89,482	398	113,433
\$5,000,000 under \$10,000,000	601	249,105	240	85,436	311	44,564	135	36,938
\$10,000,000 or more	313	289,404	154	138,018	168	43,756	69	38,514
Nontaxable returns, total	22,932	2,938,354	7,482	956,839	15,415	1,441,303	8,359	1,056,229
Under \$600,000	8,428	925,694	2,542	201,132	5,305	334,614	2,320	137,972
\$600,000 under \$1,000,000	8,105	861,595	2,428	206,460	5,558	461,916	3,270	331,766
\$1,000,000 under \$2,500,000	5,015	690,205	1,903	269,154	3,565	452,207	2,178	378,875
\$2,500,000 under \$5,000,000	1,001	248,614	428	123,203	728	130,038	425	137,379
\$5,000,000 under \$10,000,000	283	110,943	134	43,586	189	45,988	120	51,071
\$10,000,000 or more	99	101,303	47	113,304	70	16,539	47	19,166

Size of net worth	Type of property ¹ (continued)					
	Noncorporate business assets		Household goods and other assets		Lifetime transfers	
	Number	Amount	Number	Amount	Number	Amount
	(23)	(24)	(25)	(26)	(27)	(28)
All returns, total	11,545	2,820,362	41,731	2,368,726	9,023	9,344,001
Under \$600,000	2,303	158,412	9,935	258,376	1,469	516,262
\$600,000 under \$1,000,000	4,043	351,213	16,839	511,942	3,386	1,481,266
\$1,000,000 under \$2,500,000	3,459	597,140	11,212	636,146	2,817	2,387,186
\$2,500,000 under \$5,000,000	1,100	409,186	2,476	331,404	831	1,621,389
\$5,000,000 under \$10,000,000	404	339,043	861	252,304	326	1,058,811
\$10,000,000 or more	238	965,368	409	378,554	193	2,279,086
Taxable returns, total	4,487	1,179,945	19,965	1,339,610	4,770	5,927,092
Under \$600,000	233	21,307	1,995	45,184	338	125,018
\$600,000 under \$1,000,000	1,719	128,894	9,147	265,534	1,887	779,670
\$1,000,000 under \$2,500,000	1,541	228,596	6,401	349,563	1,624	1,387,468
\$2,500,000 under \$5,000,000	571	208,740	1,520	203,624	536	1,035,167
\$5,000,000 under \$10,000,000	257	184,489	593	175,025	234	737,745
\$10,000,000 or more	167	407,920	310	300,679	152	1,862,024
Nontaxable returns, total	7,059	1,640,417	21,766	1,029,116	4,252	3,416,909
Under \$600,000	2,070	137,105	7,940	213,192	1,131	391,244
\$600,000 under \$1,000,000	2,325	222,320	7,692	246,408	1,499	701,596
\$1,000,000 under \$2,500,000	1,917	368,543	4,811	286,583	1,193	999,718
\$2,500,000 under \$5,000,000	529	200,447	956	127,779	295	586,222
\$5,000,000 under \$10,000,000	147	154,555	268	77,279	93	321,066
\$10,000,000 or more	71	557,448	98	77,875	42	417,062

See footnote at end of table.

Estate Tax Returns, 1986-1988

Table 3.—Estate Tax Returns Filed for 1986 Decedents: Type of Property, Deductions, Taxable Estate, Estate Tax, and Tax Credits, by Size of Net Worth—(Continued)

[Estimates are based on samples—money amounts are in thousands]

Size of net worth	Type of deductions							
	Total allowable deductions		Funeral expenses		Executors' commissions		Attorneys' fees	
	Number	Amount	Number	Amount	Number	Amount	Number	Amount
	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)
All returns, total	45,764	30,303,044	42,893	199,078	16,462	620,867	28,259	632,275
Under \$600,000	11,062	2,314,348	10,302	43,012	3,014	39,020	6,385	65,123
\$600,000 under \$1,000,000	18,597	5,036,887	17,423	75,662	6,320	117,505	11,429	163,845
\$1,000,000 under \$2,500,000	12,100	8,086,443	11,375	55,347	5,096	181,938	7,798	191,901
\$2,500,000 under \$5,000,000	2,671	5,015,445	2,525	14,672	1,307	100,526	1,699	84,593
\$5,000,000 under \$10,000,000	909	3,450,683	865	5,724	490	76,614	644	60,304
\$10,000,000 or more	425	6,399,238	401	4,663	235	105,264	304	66,509
Taxable returns, total	21,955	9,662,935	21,315	98,318	12,525	523,644	18,982	500,634
Under \$600,000	2,311	91,879	2,228	8,804	855	8,879	1,938	18,352
\$600,000 under \$1,000,000	10,180	738,857	9,860	41,619	5,388	100,850	8,685	133,273
\$1,000,000 under \$2,500,000	6,896	1,833,339	6,732	31,137	4,445	161,938	6,128	161,473
\$2,500,000 under \$5,000,000	1,635	1,647,047	1,588	9,223	1,188	91,995	1,419	74,684
\$5,000,000 under \$10,000,000	613	1,430,216	597	3,914	433	65,157	544	51,187
\$10,000,000 or more	320	3,921,598	309	3,621	216	94,825	269	61,665
Nontaxable returns, total	23,809	20,640,109	21,578	100,761	3,937	97,223	9,277	131,641
Under \$600,000	8,752	2,222,469	8,074	34,208	2,159	30,141	4,447	46,770
\$600,000 under \$1,000,000	8,417	4,298,031	7,563	34,044	932	16,655	2,744	30,572
\$1,000,000 under \$2,500,000	5,204	6,253,104	4,644	24,210	651	20,000	1,670	30,428
\$2,500,000 under \$5,000,000	1,035	3,368,398	937	5,448	119	8,531	280	9,909
\$5,000,000 under \$10,000,000	297	2,020,467	269	1,810	57	11,457	101	9,117
\$10,000,000 or more	104	2,477,641	92	1,042	19	10,439	35	4,844

Size of net worth	Type of deductions (continued)							
	Other expenses and losses		Debts and mortgages		Charitable bequests		Bequests to surviving spouse	
	Number	Amount	Number	Amount	Number	Amount	Number	Amount
	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)
All returns, total	33,687	433,404	38,685	3,525,624	9,114	4,079,690	20,579	20,903,488
Under \$600,000	7,966	42,183	9,212	858,641	1,675	143,537	4,084	1,217,831
\$600,000 under \$1,000,000	13,688	98,354	15,425	541,386	3,503	564,312	8,105	3,476,525
\$1,000,000 under \$2,500,000	9,025	118,071	10,401	776,689	2,668	875,547	6,120	5,887,358
\$2,500,000 under \$5,000,000	1,958	61,456	2,406	530,754	739	560,319	1,494	3,659,688
\$5,000,000 under \$10,000,000	713	42,360	840	334,196	340	396,886	518	2,534,600
\$10,000,000 or more	337	70,981	402	483,958	189	1,539,090	258	4,127,486
Taxable returns, total	20,982	341,272	20,047	1,487,861	5,075	1,965,048	3,195	4,742,136
Under \$600,000	2,190	8,526	2,031	44,636	272	1,655	72	2,114
\$600,000 under \$1,000,000	9,758	74,867	9,163	243,305	2,047	54,877	742	90,064
\$1,000,000 under \$2,500,000	6,625	98,027	6,388	385,926	1,797	219,138	1,416	775,903
\$2,500,000 under \$5,000,000	1,538	53,670	1,564	286,473	523	220,863	558	906,116
\$5,000,000 under \$10,000,000	581	38,117	591	163,749	274	226,402	245	881,691
\$10,000,000 or more	289	68,065	310	363,773	162	1,242,113	163	2,086,248
Nontaxable returns, total	12,705	92,132	18,637	2,037,763	4,039	2,114,642	17,384	16,161,352
Under \$600,000	5,776	33,657	7,181	814,005	1,402	141,882	4,012	1,215,717
\$600,000 under \$1,000,000	3,929	23,487	6,262	298,081	1,456	509,435	7,363	3,386,461
\$1,000,000 under \$2,500,000	2,400	20,044	4,013	390,764	872	656,409	4,704	5,111,455
\$2,500,000 under \$5,000,000	420	7,786	842	244,282	216	339,457	936	2,753,572
\$5,000,000 under \$10,000,000	132	4,243	249	170,447	66	170,483	274	1,652,910
\$10,000,000 or more	48	2,917	91	120,185	27	296,976	95	2,041,238

See footnote at end of table.

Table 3.—Estate Tax Returns Filed for 1986 Decedents: Type of Property, Deductions, Taxable Estate, Estate Tax, and Tax Credits, by Size of Net Worth—(Continued)

[Estimates are based on samples—money amounts are in thousands]

Size of net worth	Taxable estate		Adjusted taxable gifts		Adjusted taxable estate	
	Number	Amount	Number	Amount	Number	Amount
	(45)	(46)	(47)	(48)	(49)	(50)
All returns, total	41,674	35,893,130	3,717	560,876	41,734	36,454,066
Under \$600,000	9,740	4,340,150	402	29,473	9,758	4,369,623
\$600,000 under \$1,000,000	16,790	9,661,963	986	112,724	16,813	9,774,687
\$1,000,000 under \$2,500,000	11,289	10,521,204	1,271	154,181	11,299	10,675,385
\$2,500,000 under \$5,000,000	2,559	4,589,849	562	111,646	2,565	4,701,494
\$5,000,000 under \$10,000,000	878	3,020,011	301	71,830	881	3,091,841
\$10,000,000 or more	418	3,759,953	195	81,022	418	3,840,975
Taxable returns, total	21,961	28,125,945	2,679	464,923	21,961	28,590,869
Under \$600,000	2,311	1,275,737	191	16,272	2,311	1,292,009
\$600,000 under \$1,000,000	10,181	7,247,065	676	83,692	10,181	7,330,757
\$1,000,000 under \$2,500,000	6,899	8,783,166	955	124,900	6,899	8,908,066
\$2,500,000 under \$5,000,000	1,635	4,195,550	449	99,135	1,635	4,294,686
\$5,000,000 under \$10,000,000	614	2,905,776	243	63,282	614	2,969,058
\$10,000,000 or more	320	3,718,651	166	77,643	320	3,796,294
Nontaxable returns, total	19,713	7,767,184	1,038	95,953	19,773	7,863,137
Under \$600,000	7,429	3,064,413	211	13,201	7,447	3,077,614
\$600,000 under \$1,000,000	6,609	2,414,898	311	29,032	6,631	2,443,931
\$1,000,000 under \$2,500,000	4,390	1,738,038	316	29,282	4,400	1,767,319
\$2,500,000 under \$5,000,000	924	394,298	112	12,510	930	406,809
\$5,000,000 under \$10,000,000	264	114,235	58	8,549	267	122,783
\$10,000,000 or more	97	41,302	29	3,379	97	44,681

Size of net worth	Estate tax before credit		Allowable unified credit		Other tax credits		Estate tax after credits	
	Number	Amount	Number	Amount	Number	Amount	Number	Amount
	(51)	(52)	(53)	(54)	(55)	(56)	(57)	(58)
All returns, total	41,707	13,703,817	41,707	5,793,387	25,439	1,589,355	21,961	6,321,067
Under \$600,000	9,746	1,357,954	9,746	1,294,982	4,140	38,555	2,311	24,417
\$600,000 under \$1,000,000	16,800	3,167,798	16,800	2,318,273	10,969	211,569	10,181	637,952
\$1,000,000 under \$2,500,000	11,297	3,798,567	11,297	1,609,512	7,524	376,801	6,899	1,812,252
\$2,500,000 under \$5,000,000	2,565	1,954,215	2,565	377,030	1,796	258,554	1,635	1,318,631
\$5,000,000 under \$10,000,000	881	1,455,465	881	131,161	672	244,551	614	1,079,753
\$10,000,000 or more	418	1,969,817	418	62,429	338	459,326	320	1,448,062
Taxable returns, total	21,961	11,286,710	21,961	3,414,511	21,563	1,551,124	21,961	6,321,067
Under \$600,000	2,311	410,400	2,311	359,204	2,208	26,778	2,311	24,417
\$600,000 under \$1,000,000	10,181	2,419,837	10,181	1,584,536	10,013	197,345	10,181	637,952
\$1,000,000 under \$2,500,000	6,899	3,254,076	6,899	1,073,333	6,804	368,489	6,899	1,812,252
\$2,500,000 under \$5,000,000	1,635	1,828,748	1,635	253,551	1,609	256,565	1,635	1,318,631
\$5,000,000 under \$10,000,000	614	1,417,641	614	94,433	610	243,455	614	1,079,753
\$10,000,000 or more	320	1,956,008	320	49,454	319	458,492	320	1,448,062
Nontaxable returns, total	19,746	2,417,107	19,746	2,378,876	3,877	38,231	—	—
Under \$600,000	7,435	947,555	7,435	935,777	1,931	11,777	—	—
\$600,000 under \$1,000,000	6,619	747,961	6,619	733,737	956	14,224	—	—
\$1,000,000 under \$2,500,000	4,398	544,491	4,398	536,179	721	8,312	—	—
\$2,500,000 under \$5,000,000	930	125,467	930	123,479	187	1,988	—	—
\$5,000,000 under \$10,000,000	267	37,824	267	36,729	63	1,096	—	—
\$10,000,000 or more	97	13,808	97	12,974	18	834	—	—

¹ Includes returns with negative net worth.

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

Estate Tax Returns, 1986-1988

Table 4.—Charitable Bequests and Their Components, by Filing Year and for 1986 Decedents

[Estimates are based on samples—money amounts are in thousands]

Size of gross estate, year	Total returns	Gross charitable bequests		Type of bequest			
		Number	Amount	Arts and humanities		Religious	
				Number	Amount	Number	Amount
(1)	(2)	(3)	(4)	(5)	(6)	(7)	
1986 filing year, total.....	42,125	7,835	3,630,617	847	140,682	4,965	380,936
\$500,000 under \$1,000,000.....	27,009	4,720	664,014	349	3,743	3,194	253,119
\$1,000,000 under \$5,000,000.....	13,862	2,627	1,235,312	421	106,899	1,537	62,513
\$5,000,000 or more.....	1,253	487	1,731,292	77	30,040	234	65,304
1987 filing year, total.....	45,113	8,987	4,048,928	613	162,103	5,596	501,116
\$500,000 under \$1,000,000.....	27,694	4,793	736,071	211	8,850	3,217	172,820
\$1,000,000 under \$5,000,000.....	15,935	3,645	1,384,745	310	28,916	2,140	224,252
\$5,000,000 or more.....	1,484	549	1,928,113	93	124,337	240	104,044
1988 filing year, total.....	43,683	8,376	4,869,500	811	171,603	5,203	630,702
\$500,000 under \$1,000,000.....	24,170	4,005	573,197	404	17,799	2,757	237,625
\$1,000,000 under \$5,000,000.....	17,960	3,810	1,544,002	325	96,842	2,214	269,990
\$5,000,000 or more.....	1,553	561	2,752,301	81	56,962	231	123,087
Year of death 1986 only, total.....	45,795	9,114	4,152,733	706	179,233	5,624	524,239
\$500,000 under \$1,000,000.....	28,536	5,061	700,980	287	10,415	3,393	176,433
\$1,000,000 under \$5,000,000.....	15,796	3,503	1,455,980	325	38,866	1,994	247,060
\$5,000,000 or more.....	1,463	550	1,995,773	94	129,953	237	100,747

Size of gross estate, year	Type of bequest (continued)								Total allowable charitable bequests
	Educational, medical, science		Social welfare		Private foundations		Other		
	Number	Amount	Number	Amount	Number	Amount	Number	Amount	
(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	
1986 filing year, total.....	4,482	1,357,872	1,946	268,842	588	1,014,111	1,290	468,175	3,573,298
\$500,000 under \$1,000,000.....	2,656	224,138	998	110,837	206	25,189	835	46,987	660,844
\$1,000,000 under \$5,000,000.....	1,557	575,784	827	117,163	255	279,001	357	93,952	1,228,570
\$5,000,000 or more.....	269	557,950	121	40,841	126	709,922	97	327,236	1,683,884
1987 filing year, total.....	4,528	1,391,023	1,350	193,573	960	1,015,924	2,758	785,189	3,978,020
\$500,000 under \$1,000,000.....	2,200	329,682	700	56,084	408	75,447	1,403	93,187	733,765
\$1,000,000 under \$5,000,000.....	2,008	551,401	556	60,844	397	150,190	1,159	369,142	1,363,107
\$5,000,000 or more.....	320	509,941	94	76,644	154	790,287	196	322,859	1,881,149
1988 filing year, total.....	4,152	1,239,947	1,145	203,347	808	1,532,601	2,590	1,091,301	4,822,104
\$500,000 under \$1,000,000.....	1,779	167,202	476	29,293	257	47,005	1,278	74,274	572,443
\$1,000,000 under \$5,000,000.....	2,040	652,318	572	112,056	394	192,104	1,114	220,692	1,526,501
\$5,000,000 or more.....	334	420,427	97	61,998	156	1,293,492	198	796,335	2,723,160
Year of death 1986 only, total.....	4,637	1,256,083	1,315	225,667	927	1,228,233	2,628	739,278	4,079,690
\$500,000 under \$1,000,000.....	2,403	287,752	653	56,721	359	53,896	1,349	115,764	698,759
\$1,000,000 under \$5,000,000.....	1,921	611,288	563	81,885	411	173,584	1,088	303,298	1,431,513
\$5,000,000 or more.....	313	357,043	100	87,061	157	1,000,753	192	320,216	1,949,418

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

Table 5.—Estate Tax Returns Filed for 1986 Decedents: Gross Estate, Taxable Estate, and Estate Tax, by State

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

State	Gross estate		Taxable estate		Estate tax before credits		State death tax credit		Estate tax after credits	
	Number of returns	Amount	Number	Amount	Number	Amount	Number	Amount	Number	Amount
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Total	45,795	66,018,791	41,674	35,893,130	41,707	13,703,817	25,409	1,531,134	21,961	6,321,067
Alabama.....	511	714,168	452	333,829	452	120,709	230	10,258	198	47,217
Arizona.....	738	954,173	660	520,954	660	197,717	311	21,540	284	84,950
Arkansas.....	211	313,550	196	129,059	197	44,383	86	3,313	72	13,862
California.....	7,072	10,133,198	6,506	5,524,091	6,507	2,072,088	3,694	215,027	3,358	907,593
Colorado.....	598	714,572	553	378,868	553	137,490	235	11,179	219	49,577
Connecticut.....	1,077	1,724,878	1,008	997,304	1,008	397,325	770	54,464	618	199,586
Delaware.....	122	130,169	105	76,702	105	26,285	57	1,952	52	8,943
District of Columbia.....	191	390,058	185	250,498	185	107,046	136	16,535	132	65,566
Florida.....	3,992	6,796,207	3,682	3,375,899	3,693	1,310,820	2,105	147,649	2,027	637,829
Georgia.....	796	1,398,471	749	764,045	749	312,154	416	41,448	392	162,756
Hawaii.....	164	207,076	158	125,556	158	45,476	88	4,231	83	18,835
Idaho.....	169	155,613	149	85,756	149	29,378	*32	*1,665	*46	*7,256
Illinois.....	2,362	3,319,421	2,257	1,954,139	2,259	752,185	1,300	84,957	1,165	352,626
Indiana.....	718	846,863	644	520,328	644	193,002	430	20,004	346	80,228
Iowa.....	584	588,544	544	367,271	544	129,538	369	11,219	265	43,230
Kansas.....	479	578,542	426	341,753	426	127,371	323	13,623	268	52,156
Kentucky.....	519	677,841	441	378,546	441	143,175	286	14,404	208	65,537
Louisiana.....	461	601,617	453	395,189	453	151,013	335	15,459	265	70,145
Maine.....	178	224,009	167	147,601	167	55,611	112	5,847	80	25,691
Maryland.....	758	1,216,749	691	584,376	693	219,054	445	23,410	368	98,983
Massachusetts.....	1,316	1,853,657	1,231	1,058,916	1,243	397,632	906	42,692	741	184,655
Michigan.....	955	1,386,599	814	726,389	814	278,996	546	31,709	440	135,160
Minnesota.....	551	715,997	503	396,877	503	150,446	262	16,977	233	63,740
Mississippi.....	251	265,277	228	138,429	228	47,203	147	3,628	114	14,172
Missouri.....	795	1,293,010	739	652,913	739	249,796	446	28,650	394	117,924
Montana.....	91	101,335	88	57,101	88	19,306	47	1,177	*21	*5,458
Nebraska.....	319	385,325	296	206,787	296	73,695	158	6,790	152	28,729
Nevada.....	172	285,032	162	157,336	162	62,870	72	5,304	82	32,471
New Hampshire.....	233	329,523	215	168,641	215	62,762	117	6,194	102	27,261
New Jersey.....	1,883	2,571,924	1,592	1,269,517	1,591	471,326	1,027	46,330	868	210,837
New Mexico.....	153	223,332	137	113,234	137	43,175	76	4,910	76	20,451
New York.....	4,596	7,540,158	4,081	4,025,919	4,082	1,607,416	2,711	217,453	2,292	833,084
North Carolina.....	1,003	1,332,612	896	762,166	898	289,435	591	31,112	477	135,747
North Dakota.....	118	112,959	112	68,309	112	23,782	59	1,858	59	8,310
Ohio.....	1,768	2,165,870	1,604	1,279,898	1,608	473,701	1,184	48,358	838	197,130
Oklahoma.....	547	754,537	501	495,865	501	196,115	371	25,836	343	97,203
Oregon.....	377	676,449	343	302,487	347	115,950	248	14,733	168	51,581
Pennsylvania.....	1,855	2,493,798	1,713	1,516,985	1,713	581,050	1,215	69,322	997	277,970
Rhode Island.....	173	204,670	168	108,913	168	37,046	124	2,984	75	11,004
South Carolina.....	422	583,758	395	286,513	395	101,480	254	8,937	200	38,872
South Dakota.....	133	110,440	123	68,739	123	22,395	*93	*1,225	*65	*3,506
Tennessee.....	588	765,783	537	448,155	524	174,911	239	18,043	205	85,434
Texas.....	2,803	4,113,459	2,491	2,121,163	2,493	814,116	1,285	88,550	1,226	371,232
Utah.....	114	136,748	108	79,283	108	28,139	34	2,111	31	10,020
Vermont.....	62	104,509	62	65,382	62	26,915	23	4,012	21	14,576
Virginia.....	1,045	1,521,326	903	848,259	906	330,726	545	40,212	551	163,239
Washington.....	584	757,346	520	382,384	520	139,695	254	13,385	215	54,135
West Virginia.....	195	291,544	157	135,723	157	52,441	72	5,920	72	25,931
Wisconsin.....	774	993,447	737	571,447	737	212,397	463	21,720	355	90,020
Wyoming.....	91	99,263	90	56,306	90	19,663	57	1,738	57	6,788
Other areas ¹	130	163,382	101	71,332	101	27,415	24	1,078	44	11,861

¹ In general, includes returns of decedents who were citizens living abroad.

* Estimate should be used with caution because of the small number of sample estate tax returns on which it is based.

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

Estate Tax Returns, 1986-1988

Table 6.—Estate Tax Returns Filed for 1986 Male Decedents: Number of Returns and Gross Estate by Age and Marital Status of Decedent and by Size of Gross Estate

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

Marital status, size of gross estate	All decedents, total				Age of decedent			
	Gross estate		Estate tax after credits		Under 50 years			
	Number	Amount	Number	Amount	Gross estate		Estate tax after credits	
	(1)	(2)	(3)	(4)	Number	Amount	Number	Amount
All decedents, total	25,962	40,819,136	9,222	2,858,417	1,288	1,949,911	334	89,915
\$500,000 under \$1,000,000.....	15,287	10,608,765	4,417	219,424	737	526,019	135	5,758
\$1,000,000 or more.....	10,674	30,210,371	4,805	2,638,993	551	1,423,892	199	84,157
Married decedents, total	16,977	29,119,236	2,716	975,339	876	1,434,894	87	22,606
\$500,000 under \$1,000,000.....	9,313	6,535,768	661	24,069	471	337,731	15	330
\$1,000,000 or more.....	7,664	22,583,468	2,055	951,270	405	1,097,163	72	22,276
Widowed decedents, total	5,686	7,404,002	4,286	1,293,080	20	28,941	12	4,418
\$500,000 under \$1,000,000.....	3,772	2,596,577	2,483	143,910	10	7,597	4	279
\$1,000,000 or more.....	1,914	4,807,425	1,803	1,149,169	10	21,343	8	4,139
Single decedents, total	2,104	2,729,399	1,382	341,383	248	297,883	141	38,689
\$500,000 under \$1,000,000.....	1,409	941,031	809	32,534	170	117,214	74	3,022
\$1,000,000 or more.....	695	1,788,367	573	308,849	78	180,669	67	35,667
Other decedents, total	1,195	1,566,500	836	248,615	144	188,193	94	24,202
\$500,000 under \$1,000,000.....	794	535,389	463	18,911	85	63,476	42	2,128
\$1,000,000 or more.....	402	1,031,111	373	229,704	58	124,718	52	22,074

Marital status, size of gross estate	Age of decedent (continued)							
	50 to 59 years				60 to 69 years			
	Gross estate		Estate tax after credits		Gross estate		Estate tax after credits	
	Number	Amount	Number	Amount	Number	Amount	Number	Amount
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	
All decedents, total	2,630	4,100,601	574	148,154	5,271	7,804,118	1,184	325,067
\$500,000 under \$1,000,000.....	1,471	1,046,917	267	10,516	3,057	2,159,483	523	25,353
\$1,000,000 or more.....	1,159	3,053,684	307	137,639	2,213	5,644,635	661	299,714
Married decedents, total	2,040	3,342,116	196	43,414	4,247	6,590,108	411	148,049
\$500,000 under \$1,000,000.....	1,056	757,166	48	999	2,375	1,681,932	70	3,177
\$1,000,000 or more.....	985	2,584,950	148	42,415	1,872	4,908,176	341	144,873
Widowed decedents, total	107	107,269	69	11,853	396	437,707	339	64,608
\$500,000 under \$1,000,000.....	83	55,551	45	2,285	271	198,987	216	12,969
\$1,000,000 or more.....	24	51,718	23	9,568	125	238,720	123	51,639
Single decedents, total	234	289,005	169	37,262	325	425,960	228	64,857
\$500,000 under \$1,000,000.....	166	115,667	107	4,166	199	138,927	116	5,396
\$1,000,000 or more.....	68	173,338	62	33,096	126	287,033	112	59,461
Other decedents, total	249	362,211	141	55,625	303	350,343	207	47,553
\$500,000 under \$1,000,000.....	167	118,533	67	3,065	212	139,637	120	3,811
\$1,000,000 or more.....	82	243,678	74	52,560	91	210,706	86	43,742

See note at end of table.

Table 6.—Estate Tax Returns Filed for 1986 Male Decedents: Number of Returns and Gross Estate by Age and Marital Status of Decedent, and by Size of Gross Estate—(Continued)

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

Marital status, size of gross estate	Age of decedent (continued)							
	70 to 79 years				80 to 89 years			
	Gross estate		Estate tax after credits		Gross estate		Estate tax after credits	
	Number	Amount	Number	Amount	Number	Amount	Number	Amount
	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)
All decedents, total	7,363	12,055,497	2,338	701,224	6,886	10,994,789	3,416	1,106,331
\$500,000 under \$1,000,000.....	4,454	3,057,748	1,127	55,996	3,982	2,729,101	1,652	82,186
\$1,000,000 or more.....	2,909	8,997,749	1,211	645,227	2,905	8,265,688	1,764	1,024,146
Married decedents, total	5,274	9,571,858	858	327,962	3,602	6,484,167	911	325,740
\$500,000 under \$1,000,000.....	2,972	2,065,816	211	7,356	1,877	1,310,569	209	7,739
\$1,000,000 or more.....	2,302	7,506,042	645	320,606	1,725	5,173,598	702	318,001
Widowed decedents, total	1,294	1,518,064	951	253,457	2,507	3,383,796	1,947	627,855
\$500,000 under \$1,000,000.....	891	608,629	558	34,737	1,616	1,104,588	1,121	60,617
\$1,000,000 or more.....	403	909,435	393	218,720	890	2,279,208	826	567,238
Single decedents, total	499	658,248	303	77,468	610	832,382	429	88,442
\$500,000 under \$1,000,000.....	366	239,702	196	8,216	396	251,904	262	9,792
\$1,000,000 or more.....	133	418,546	108	69,253	215	580,478	166	78,650
Other decedents, total	296	307,327	227	42,336	167	294,443	130	64,295
\$500,000 under \$1,000,000.....	225	143,601	162	5,688	**	**	**	**
\$1,000,000 or more.....	71	163,726	65	36,648	**	**	**	**

Marital status, size of gross estate	Age of decedent (continued)			
	90 years and over or unknown			
	Gross estate		Estate tax after credits	
	Number	Amount	Number	Amount
	(25)	(26)	(27)	(28)
All decedents, total	2,524	3,914,220	1,374	487,725
\$500,000 under \$1,000,000.....	1,586	1,089,498	713	39,616
\$1,000,000 or more.....	937	2,824,722	661	448,110
Married decedents, total	937	1,696,092	256	107,567
\$500,000 under \$1,000,000.....	561	382,553	*108	*4,469
\$1,000,000 or more.....	376	1,313,539	148	103,098
Widowed decedents, total	1,362	1,928,225	968	330,890
\$500,000 under \$1,000,000.....	901	621,225	539	33,024
\$1,000,000 or more.....	461	1,307,000	430	297,866
Single decedents, total	187	225,921	112	34,664
\$500,000 under \$1,000,000.....	112	77,617	*54	*1,941
\$1,000,000 or more.....	75	148,303	59	32,723
Other decedents, total	38	63,982	38	14,604
\$500,000 under \$1,000,000.....	**	**	**	**
\$1,000,000 or more.....	**	**	**	**

NOTE: Detail may not add to totals because of rounding.
 * Estimate should be used with caution because of the small number of sample estate tax returns on which it is based.
 ** Data combined to avoid disclosure of information for specific estate tax returns.

Estate Tax Returns, 1986-1988

Table 7.—Estate Tax Returns Filed for 1986 Female Decedents: Number of Returns and Gross Estate by Age and Marital Status of Decedent and by Size of Gross Estate

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

Marital status, size of gross estate	All decedents, total				Age of decedent			
	Gross estate		Estate tax after credits		Under 50 years			
					Gross estate		Estate tax after credits	
	Number	Amount	Number	Amount	Number	Amount	Number	Amount
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
All decedents, total	19,833	25,199,655	12,739	3,462,650	294	388,817	108	21,419
\$500,000 under \$1,000,000	13,248	9,152,182	7,633	398,155	164	112,542	46	2,070
\$1,000,000 or more	6,585	16,047,472	5,106	3,064,495	130	276,275	63	19,348
Married decedents, total	4,418	6,057,303	945	271,030	184	255,041	30	3,731
\$500,000 under \$1,000,000	2,818	1,979,256	396	18,616	101	69,114	10	399
\$1,000,000 or more	1,600	4,078,048	549	252,414	83	185,927	20	3,332
Widowed decedents, total	13,105	16,584,017	10,270	2,876,724	39	37,198	29	3,912
\$500,000 under \$1,000,000	8,835	6,065,807	6,325	340,143	24	17,028	16	740
\$1,000,000 or more	4,270	10,518,210	3,944	2,536,581	14	20,170	13	3,173
Single decedents, total	1,543	1,574,326	918	156,933	38	59,827	30	9,722
\$500,000 under \$1,000,000	1,123	773,672	591	25,574	18	12,119	11	603
\$1,000,000 or more	419	800,655	327	131,359	21	47,707	19	9,119
Other decedents, total	768	984,008	607	157,963	34	36,751	19	4,054
\$500,000 under \$1,000,000	472	333,448	321	13,823	21	14,280	8	329
\$1,000,000 or more	296	650,560	286	144,141	12	22,471	11	3,725
	Age of decedent (continued)							
	50 to 59 years				60 to 69 years			
	Gross estate		Estate tax after credits		Gross estate		Estate tax after credits	
	Number	Amount	Number	Amount	Number	Amount	Number	Amount
	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
All decedents, total	838	1,162,794	254	60,396	2,517	2,986,746	1,211	247,682
\$500,000 under \$1,000,000	515	357,648	124	5,355	1,692	1,184,041	710	32,970
\$1,000,000 or more	323	805,146	129	55,041	825	1,802,705	501	214,711
Married decedents, total	556	844,724	56	16,605	1,136	1,537,390	181	44,068
\$500,000 under \$1,000,000	325	228,330	15	457	724	522,674	79	4,748
\$1,000,000 or more	231	616,394	41	16,148	413	1,014,716	102	39,320
Widowed decedents, total	165	171,514	123	22,365	1,006	1,047,110	756	149,910
\$500,000 under \$1,000,000	120	83,848	79	3,933	709	482,076	471	23,143
\$1,000,000 or more	44	87,666	43	18,432	297	565,034	285	126,768
Single decedents, total	37	38,823	20	4,837	147	129,023	96	11,634
\$500,000 under \$1,000,000	25	16,215	10	142	109	74,202	61	2,706
\$1,000,000 or more	11	22,607	10	4,695	37	54,821	35	8,928
Other decedents, total	81	107,734	56	16,589	228	273,223	178	42,069
\$500,000 under \$1,000,000	45	29,255	21	823	150	105,089	99	2,374
\$1,000,000 or more	36	78,479	35	15,766	79	168,135	79	39,695

See note at end of table.

Table 7.—Estate Tax Returns Filed for 1986 Female Decedents: Number of Returns and Gross Estate by Age and Marital Status of Decedent and by Size of Gross Estate—(Continued)

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

Marital status, size of gross estate	Age of decedent (continued)							
	70 to 79 years				80 to 89 years			
	Gross estate		Estate tax after credits		Gross estate		Estate tax after credits	
	Number	Amount	Number	Amount	Number	Amount	Number	Amount
	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)
All decedents, total	5,267	6,796,599	3,189	895,750	7,425	9,230,981	5,300	1,470,281
\$500,000 under \$1,000,000	3,571	2,467,452	1,906	97,893	4,990	3,429,092	3,223	177,759
\$1,000,000 or more	1,696	4,329,147	1,283	797,857	2,436	5,801,889	2,077	1,292,522
Married decedents, total	1,609	2,125,177	392	113,816	825	1,073,640	244	75,215
\$500,000 under \$1,000,000	1,057	745,886	171	6,974	548	376,072	**	**
\$1,000,000 or more	552	1,379,291	222	106,842	277	697,568	**	**
Widowed decedents, total	3,233	4,157,153	2,475	714,296	5,832	7,365,464	4,598	1,311,695
\$500,000 under \$1,000,000	2,235	1,521,467	1,540	81,924	3,891	2,677,341	2,817	158,775
\$1,000,000 or more	998	2,635,686	935	632,372	1,940	4,688,123	1,781	1,152,921
Single decedents, total	251	272,572	178	29,135	565	544,086	295	41,834
\$500,000 under \$1,000,000	166	115,795	*108	*4,661	427	293,977	212	9,624
\$1,000,000 or more	85	156,777	70	24,474	137	250,109	83	32,210
Other decedents, total	174	241,697	143	38,502	203	247,791	163	41,537
\$500,000 under \$1,000,000	113	84,304	*88	*4,333	**	**	**	**
\$1,000,000 or more	61	157,393	55	34,169	**	**	**	**

Marital status, size of gross estate	Age of decedent (continued)			
	90 years and over or unknown			
	Gross estate		Estate tax after credits	
	Number	Amount	Number	Amount
	(25)	(26)	(27)	(28)
All decedents, total	3,493	4,633,717	2,677	767,123
\$500,000 under \$1,000,000	2,317	1,601,407	1,623	82,109
\$1,000,000 or more	1,176	3,032,310	1,054	685,014
Married decedents, total	108	221,332	42	17,595
\$500,000 under \$1,000,000	*64	*37,180	**	**
\$1,000,000 or more	44	184,152	**	**
Widowed decedents, total	2,831	3,805,578	2,289	674,545
\$500,000 under \$1,000,000	1,855	1,284,047	1,402	71,629
\$1,000,000 or more	976	2,521,531	886	602,916
Single decedents, total	505	529,996	298	59,770
\$500,000 under \$1,000,000	377	261,363	187	7,837
\$1,000,000 or more	128	268,633	110	51,934
Other decedents, total	49	76,812	49	15,212
\$500,000 under \$1,000,000	**	**	**	**
\$1,000,000 or more	**	**	**	**

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

* Estimate should be used with caution because of the small number of sample estate tax returns on which it is based.

** Data combined to avoid disclosure of information for specific estate tax returns.

Estimates of Personal Wealth, 1986

By Marvin Schwartz and Barry Johnson*

Approximately 3.3 million people had gross assets of \$500,000 or more in 1986 according to estimates of personal wealth derived from estate tax returns using the "estate multiplier technique." These individuals, the Nation's "top wealthholders," represented only 1.6 percent of the Nation's adult population [1]. Their net worth was nearly \$3.8 trillion and accounted for approximately 28.5 percent of the personal wealth in the United States in 1986 [2]. In contrast, 2.2 million people had gross assets of \$500,000 or more in 1982 [3]. The net worth of these top wealthholders was approximately \$2.1 trillion.

Just as the total number of top wealthholders increased between 1982 and 1986, so too did the number of millionaires among them. Approximately 941,000 individuals had a net worth of \$1 million or more in 1986, nearly twice the 475,000 in 1982. This followed a sharp increase from the 180,000 millionaires estimated for 1976.

ESTIMATING PERSONAL WEALTH FROM ESTATE TAX RETURNS

The measurement of personal wealth in the United States has attracted considerable attention in recent years. This interest has been stimulated by a number of factors. The effects of changes in the tax law, and other public policies, on the economy and on the concentration of wealth has focused attention on this subject. Accurate and comprehensive estimates of wealth, however, are difficult to obtain because individuals are not required to regularly report wealth information on any tax return or other public document. Several alternative approaches, each with its own merits, have been developed [4]. The estimates presented here are based on the "estate multiplier technique." This approach utilizes administrative records, in particular, estate tax returns filed for the deceased, to estimate the wealth of the living population.

The estate multiplier technique can be used to estimate wealth for all individuals whose assets exceed the estate filing requirement in effect for a particular year. While the increase in the filing requirement from \$60,000 for decedents who died in 1976 to \$500,000 for those who died in 1986 has served to limit the scope of the estimates, the estate tax return still serves as a valuable source of information on the wealthy. From these returns, estimates of wealth can be provided for the top 1 to 2 percent of the Nation's wealthholders; that is, those individuals or "top wealthholders" who control the largest portion of the personal wealth in the United States. (The estimation technique is discussed in greater detail later.)

The estimates of personal wealth in 1986 are the result of continuing efforts by the Internal Revenue Service to improve the accuracy of the data [5]. In the past, wealth estimates, such as the preliminary estimates for 1982, were derived from the Statistics of Income sample of estate tax returns filed in a particular year [6]. Because a decedent's estate has up to 9 months to file an estate tax return and an extension of 6 months is not uncommon, returns filed in a given year can include deaths that occurred over several years. Thus, wealth estimates generated from a sample selected on a filing year basis actually reflected the value of wealth held during several years, and are therefore subject to different economic conditions based on the year of death.

The personal wealth estimates for 1986 presented here are based on estate tax returns filed from 1986 through 1988 for individuals who died in 1986 [7]. By sampling returns filed over this 3-year period, the returns filed for nearly all individuals who died in 1986 can be captured. By looking at the wealth of a single year, rather than a series of years, the estimates more accurately reflect wealth at a particular time.

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As the level of gross estate (or gross assets) required for filing an estate tax return has increased, the definition of top wealthholders also has changed. The level of wealth to which these estimates apply is \$500,000 or more of gross assets. The gross estate criterion is a Federal estate tax concept of wealth that does not conform to the usual definitions of wealth, primarily because it includes the face value of life insurance in the wealth of the decedent. Therefore, three measures of wealth are used in this article: gross assets (or gross estate), total assets, and net worth.

Gross assets reflect the gross value of all assets, including the full face value of life insurance reduced by policy loans but excluding any reduction for other indebtedness [8]. This measure defines the individuals included in the top wealthholder group. The amount of total assets, a lower wealth value, is still essentially a gross measure. Total assets differs from gross assets in that the cash value of life insurance, i.e., the value of insurance immediately before the policyholder's death, replaces the "at death" value of life insurance included in gross assets [9]. Net worth, the level of wealth after all debts have been removed, also includes the cash value of life insurance.

PERSONAL WEALTH IN 1986

Female wealthholders accounted for 41.2 percent of the 3.3 million top wealthholders in 1986 (see Figure A) compared with 36.9 percent at a corresponding level in 1982. While this increase continued a recent trend, it was also due, in part, to a change in the estate tax law in 1982. This change permitted bequests to the surviving spouse of a decedent to go untaxed.

Figure A.—Top Wealthholders With Gross Assets of \$500,000 or More, by Sex, 1986

(Number of wealthholders in thousands; amounts in billions)

Item	Total	Male	Female
	(1)	(2)	(3)
Number of top wealthholders	3,329	1,957	1,372
Total assets	\$4,321	\$2,557	\$1,764
Debts and mortgages	554	395	160
Net worth	3,767	2,163	1,604
Average net worth	1,131	1,105	1,169

Note: Detail does not add to totals because of rounding.

Women, holding 42.6 percent of the net worth of top wealthholders, were on average wealthier and had fewer debts than their male counterparts. Their

average net worth was 6 percent higher than that of male top wealthholders. The debt burden, i.e., amounts owed as debts and mortgages, of women was only 9 percent of their total assets compared to 15.4 percent for men. In part because they had fewer debts, just 15 percent of the female top wealthholders had net worth below \$500,000, while nearly one third of the male top wealthholders had net worth below that level.

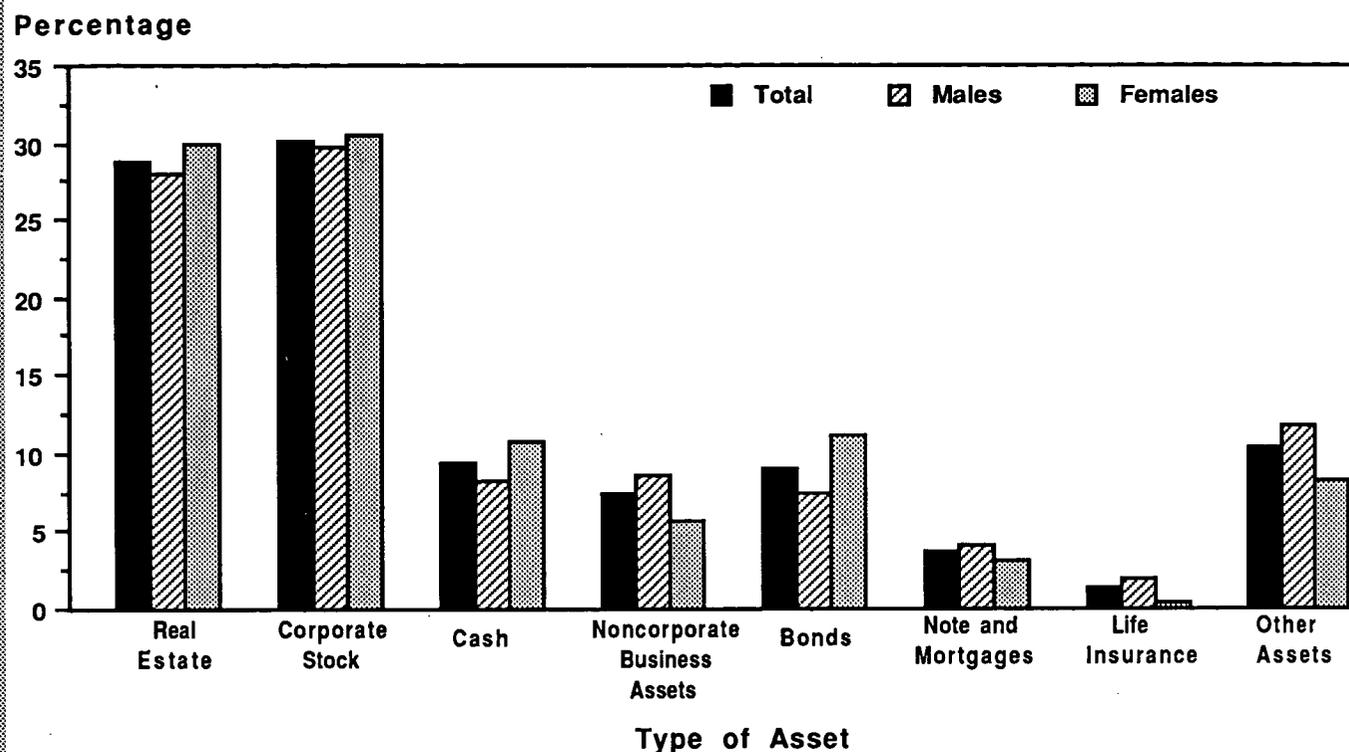
Composition of Assets

In 1986, corporate stock constituted the largest share of the assets held by top wealthholders (see Figure B). This is a departure from the portfolio mix observed in 1981 and 1982 when real estate was the predominant asset. Previous to that, corporate stock comprised the largest share of the portfolio of the wealthy. Considering the relative performance of the real estate and stock markets between 1982 and 1986, this reversal was not unexpected. The Dow Jones Industrial Average more than doubled during this period, rising 103 percent, while the Price Index of New One-Family Houses Sold rose a comparatively modest 14 percent [10, 11].

Once again, cash at 9.3 percent of the assets was the third most commonly held asset. Bonds and noncorporate business assets, however, switched positions of importance [12]. The share of assets held as bonds increased from 7 percent in 1982 to 9 percent in 1986, while noncorporate business assets remained constant at 7.5 percent. With 70 percent of the bonds held by top wealthholders consisting of State and local Government bonds, the 56 percent increase in the Standard and Poor's Municipal Bond Price index during this period provides some insight into the increase [10].

A look at the composition of assets by sex shows that the share of wealth held in the form of corporate stock was similar for men and women. Real estate, the other major asset in the portfolio of the wealthy, represented a slightly larger share of the wealth of females, 30 percent compared to 28 percent for males. Noteworthy differences in the proportion of assets held by men and women were observed for several other types of assets. Bonds made up 11.2 percent of women's assets in 1986, compared with 7.5 percent for men. Conversely, wealth held by men was characterized by a greater concentration in noncorporate business assets, nearly 9 percent, compared with only 5.7 percent for women. An examination of all other asset types shows that notes

Figure B
Top Wealthholders, by Type of Asset and Sex, 1986



and mortgages and life insurance constituted a more significant portion of the assets of men, while cash represented a greater share of the assets of women. Another noteworthy difference in the portfolios of men and women was in the share of assets held as "other assets." ("Other assets" includes intangible and depletable assets, annuities, pensions, and personal property.) Nearly 12 percent of the assets of men were classified as "other assets" compared with just 8.3 percent for women.

Although corporate stock constituted the greatest share of assets in the portfolio of top wealthholders, the proportions of wealth held as corporate stock and real estate were quite different for millionaires and "sub-millionaires," that is, those top wealthholders whose net worth was less than \$1 million (see Figure C). Corporate stock made up more than 36 percent of the assets of millionaires while just 23.6 percent of their assets were held as real estate. In contrast, real estate accounted for over 37 percent of the assets of sub-millionaires while 19.5 percent

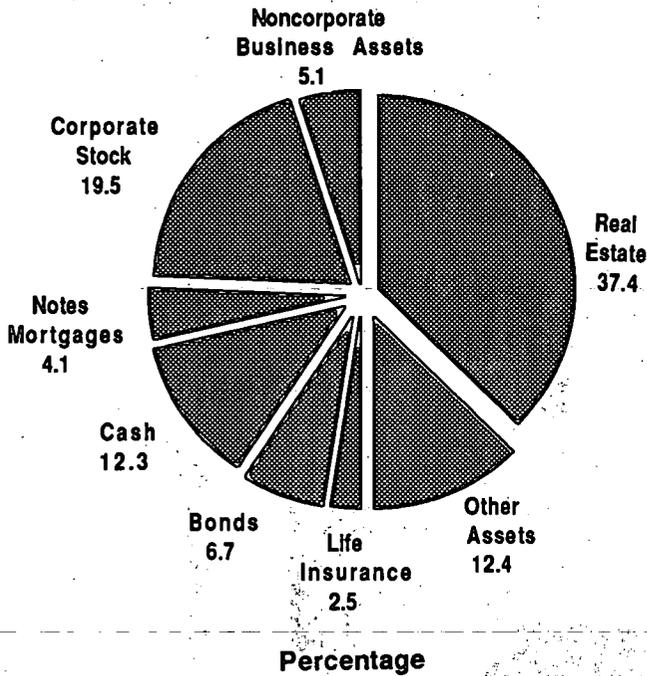
of their assets were in corporate stock. In 1982, nearly 42 percent of the assets of sub-millionaires were held as real estate.

Cash and bonds were held in quite different proportions by the two groups. Whereas cash represented more than 12 percent of the assets of the less wealthy group, they were, at 7.5 percent, a less significant asset in the portfolio of millionaires. Proportionately, millionaires held more corporate stock, bonds, and noncorporate business assets, and less real estate, cash, notes and mortgages, life insurance and "other assets," than the sub-millionaires.

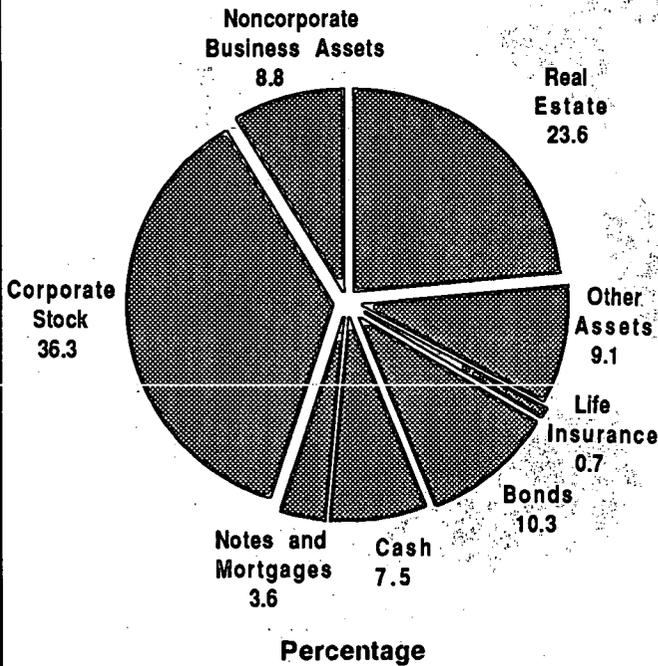
Geographic Distribution of Wealth

Estimates of personal wealth using the estate multiplier technique for a limited population, for instance, by state, are subject to high variance making it difficult to reliably estimate wealth for the extremely wealthy. Thus, the estimates by state presented

Figure C
Top Wealthholders With Net Worth Under \$1,000,000, 1986



Top Wealthholders With Net Worth \$1,000,000 or More, 1986



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

here are limited to those individuals whose net worth is not in excess of \$10 million. (Only 25,000 top wealthholders were excluded from these estimates.)

In 1986, nearly 560,000 of these 3.3 million top wealthholders in the United States lived in California. New York, with 340,000, had the second highest number of top wealthholders, displacing Texas, which dropped to third. Florida with its rapid growth and attractive tax policy (no State income tax) was a close fourth behind Texas whose economy showed the effects of the decline in oil prices.

Looking at wealth on a per capita basis presents a somewhat different picture of wealth in this country by eliminating the distortions caused by the large populations of some states. For instance, Connecticut, the 25th most populous state (adults), had the highest concentration of top wealthholders, 327 per 10,000 adults [13]. This compared with the 198 top wealthholders per 10,000 adults for the Nation. California with 17 percent of the Nation's top wealthholders and 11 percent of the adult population, still had the third highest concentration of top wealthholders with 299 per 10,000. On the other hand, Pennsylvania, ranked seventh in the number of top wealthholders, had a relatively low concentration of wealthy individuals, just 134 per 10,000 adults. As shown in Figure D, wealth appears to be more heavily concentrated in the Southwest—with the exception of New Mexico—and in the Northeast.

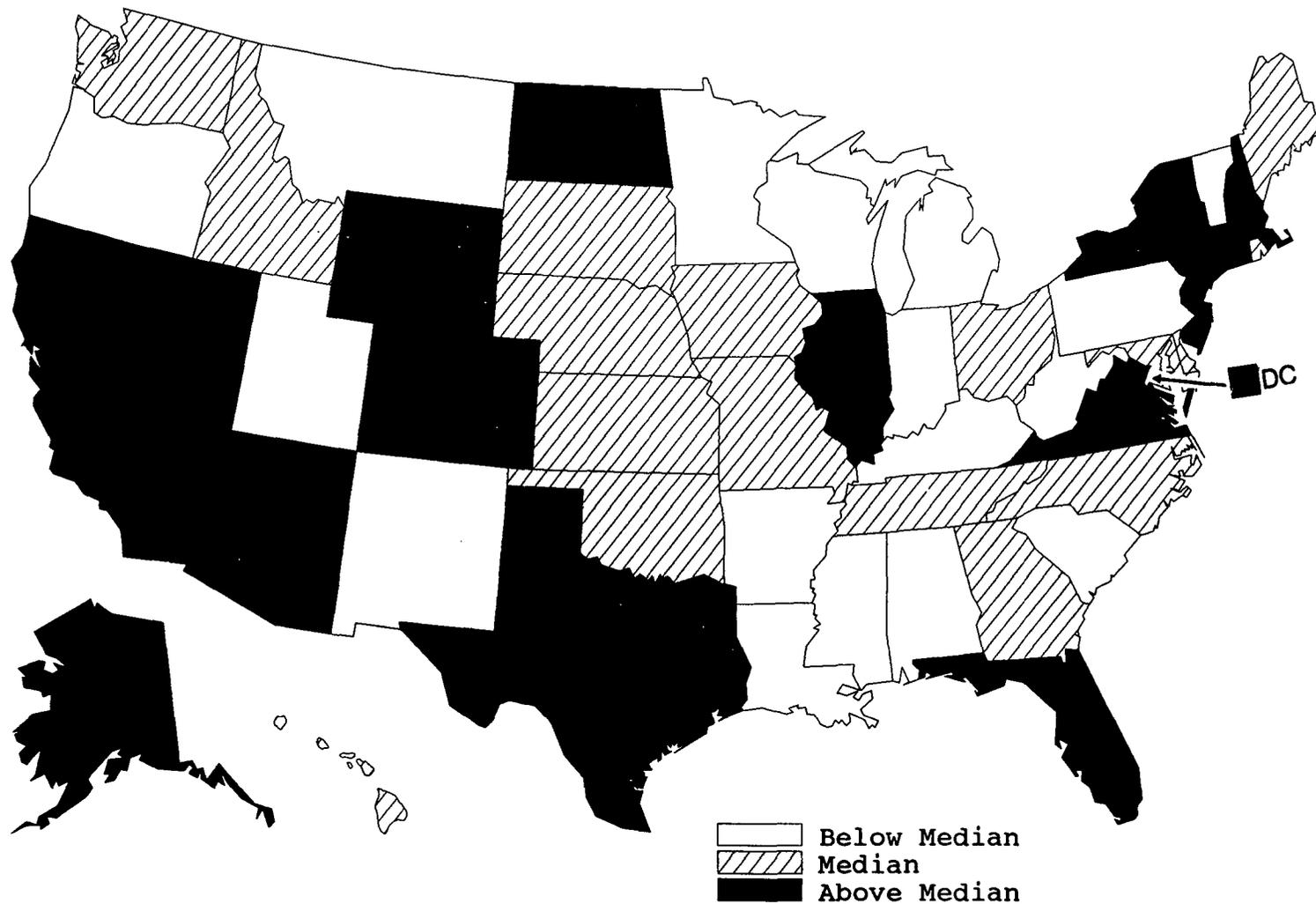
ESTATE MULTIPLIER TECHNIQUE

Researchers have been using the estate multiplier technique since the beginning of the 20th century to draw conclusions about the wealth of the living population through knowledge of the wealth of the deceased [14]. (Financial records were used as early as 1864 to estimate total personal wealth by a related technique.) The technique assumes that estate tax returns taken as a whole represent a random sample, designated by death, of the living population. Death, however, is not a truly random event and therefore is not a simple representative sample of the living population under consideration. It does, however, provide a means of producing reasonable estimates of personal wealth utilizing existing data.

The probability that a person will die in a given year depends on the particulars of one's life. Age and sex are usually taken as indicators of these conditions.

Figure D

Concentration of Top Wealthholders With Net Worth Less Than \$10,000,000, by State, 1986



NOTE: The median concentration of top wealthholders by State was 143 to 183 per 10,000 adults.

If one knows the mortality rate and the number of deaths for each age and sex group, one can approximate the population of living wealthholders [15].

Vital to the estimation of personal wealth is the use of a mortality rate appropriate to the top wealthholder population. This is essential to the estimates because there is much evidence that the wealthy have mortality rates that are lower than those of the population as a whole. In other words, social class also is a determinant in the "selection of the sample" [16]. Therefore, an adjustment to the general mortality rates is necessary.

The mortality rates assumed to approximate those of the wealthy are based on the mortality experience of the Metropolitan Life Insurance Company's preferred-risk policyholders [17]. As part of the effort to improve the accuracy of these estimates, the Internal Revenue Service developed new mortality differentials based on Metropolitan Life data for a series of years. Thus, the effect of the sampling variance of death has been reduced. Multipliers are then derived using the inverse of the adjusted mortality rates for each decedent according to age and sex. These multipliers, applied to sampled estate tax return data, produce wealth estimates for the living population.

The estimates of personal wealth for 1986 are based on a stratified sample of estate tax returns filed between 1986 and 1988 for individuals dying in 1986. This approach, first used for the updated 1982 estimates, is a departure from the filing year approach used for the preliminary 1982 estimates and for the estimates for earlier studies [3,6].

The strength of the estate multiplier technique is due, in part, to the large sample size. The 13,694 returns sampled during the 3-year period for 1986 decedents was considerably larger than the samples selected for other studies for comparable levels of wealth. Yet, despite the large overall sample size, the limited number of returns filed each year for decedents who were young (under 40 years of age) or very wealthy (gross assets of \$5 million or more) can make results for these categories subject to considerable variance.

Death's achieved sample of these relatively young and very wealthy decedents in a given year can

distort estimates of the wealth of the living. Death samples at varying rates which tend to average out over a period of years. This can result in large short-term fluctuations for a given year. When death "selects" a smaller sample, i.e., fewer deaths for a segment of the population during a sample year, wealth estimates of that segment will be lower than the true population values. Similarly, too large a sample produces estimates that overstate the wealth of the population.

In order to reduce the variability of the estimates, the sample of estate tax returns is designed so that it is stratified by age as well as by size of gross estate. All returns filed for both the very wealthy (those with gross estates of \$5 million or more) and the young (those under 40 years of age) were selected for the study. Thus, the sampling variance introduced by the IRS sample for returns of relatively young or wealthy decedents was eliminated.

The variability of the final estimates for very wealthy and relatively young individuals was further reduced by including in the sample all returns filed for non-1986 decedents during the 3-year period. These segments of the sample were then post-stratified and reweighted to represent the true 1986 decedent population. This technique reduces the affect of outliers on the estimates of the type and amount of wealth for the young and very wealthy.

Further adjustments to the estimation technique have been incorporated in a continuing effort to improve the accuracy of the estimates. The use of returns for a particular year of death filed during a 3-year period is dependent upon all or nearly all the returns being filed timely for that year, or, alternatively, an awareness of the number of missing or yet-to-be filed returns. Data for prior years have enabled us to estimate the number of unfiled returns for 1986 decedents. This adjustment proved to be age dependent since the likelihood of the return being filed timely increases with the decedent's age.

Basing the estimates on returns for a single year of death eliminated much of the distortion of inflation on the estimates. However, the problem was not entirely eliminated due to the use of all returns for the young and wealthy decedents regardless of the year of death. Money amounts for these individuals were converted to 1986 dollars to further reduce the effects of inflation on the estimates.

SUMMARY

For 1986, approximately 3.3 million people--1.6 percent of the adult population of the United States--held gross assets of \$500,000 or more. The net worth of these individuals was nearly \$3.8 trillion and accounted for almost 28.5 percent of the personal wealth in this country.

Wealthy women, although still the minority of top wealthholders, nevertheless increased their representation from just under 37 percent in 1982 to 41.2 percent in 1986. Their average net worth, \$1,169,000 was 6 percent higher than that of male top wealthholders.

Corporate stock constituted the largest share of the assets held by top wealthholders. Real estate, the predominant asset in the portfolio of the wealthy in 1982, comprised the next largest share of the assets. Together they represented nearly 59 percent of the assets of top wealthholders.

DATA SOURCES AND LIMITATIONS

Sample Selection Criteria

The 1986 estimates of personal wealth are based on data from a sample of estate tax returns, Form 706, processed by the Internal Revenue Service between 1986 and 1988. The sample was stratified according to the year of death and age of the decedent, along with the size of the gross estate. The returns were selected during the 3-year period at annual rates that ranged from 7 percent to 100 percent with weights appropriate to each year maintained.

Of the returns filed during the 1986-1988 period, only those filed for individuals dying in 1986 were selected, with two exceptions. All returns for the very wealthy (those with gross estates of \$5 million or more) and individuals under 40 years of age were selected, regardless of the year of death. The estate sample weights for those returns were adjusted accordingly. Other returns filed during this period for individuals who died in years other than 1986 were not used for these estimates.

Limitations

Because the data in this article are estimated on the basis of a sample of estate tax returns filed with the Internal Revenue Service, they are subject to

sampling as well as nonsampling error. For proper use of the statistical data, the magnitude of the potential sampling error should be considered. Estimates of the coefficients of variation (CV's) for frequency estimates can be obtained by writing the authors at the Internal Revenue Service, Statistics of Income Division R:S:F, P.O. Box 2608, Washington, DC 20013-2608.

Estimates of personal wealth using the estate multiplier technique are subject to further limitations. Since the data are obtained prior to audit, the possibility exists of some understatement of the value of certain assets. This and other issues concerning the accuracy of these estimates are discussed by Scheuren and McCubbin in an earlier publication [5].

NOTES AND REFERENCES

- [1] U.S. Bureau of the Census, *Current Population Reports, Series P-25, Number 1045, United States Population Estimates, by Age, Sex, Race, and Hispanic Origin: 1980 to 1988*. While the onset of adulthood is more commonly considered to be 18 or 21 years of age, it is defined here as 20 years of age because of the available mortality data used to develop these estimates.
- [2] Information on the wealth of the U. S. population is derived from the 1986 Survey of Consumer Finances sponsored by the Federal Reserve Board. See Avery, Robert B. and Kennickell, Arthur B., "Household Saving in the U. S.," *Review of Income and Wealth* (forthcoming).
- [3] Schwartz, Marvin, "Estimates of Personal Wealth, 1982: A Second Look," *Statistics of Income Bulletin*, Spring 1988, Volume 7, Number 4, 1988.
- [4] Scheuren, Fritz, and McCubbin, Janet, "Piecing Together Personal Wealth Distributions," *Statistics of Income and Related Administrative Record Research: 1986-1987*, U.S. Department of the Treasury, Internal Revenue Service, 1987.
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ment of the Treasury, Internal Revenue Service, 1987.

- [6] Schwartz, Marvin, "Preliminary Estimates of Personal Wealth, 1982: Composition of Assets," *Statistics of Income Bulletin*, Winter 1984-1985, Volume 4, Number 3, 1985.
- [7] Johnson, Barry W., "1986-1988 Estate Tax Returns," *Statistics of Income Bulletin*, Spring 1990, Volume 9, Number 4.
- [8] Post-mortem dividends and interest are included in the value of the life insurance reported on estate tax returns.
- [9] For a detailed explanation of the estate multiplier technique and the computation of the equity value of life insurance, see *Statistics of Income--1972, Personal Wealth Estimated from Estate Tax Returns*, U.S. Department of the Treasury, Internal Revenue Service, 1976.
- [10] U.S. Department of Commerce, Bureau of Economic Analysis, *Survey of Current Business*, various issues.
- [11] U.S. Bureau of the Census, Construction Reports, Series C-27, Price Index of New One-Family Houses Sold, First Quarter 1990.
- [12] Noncorporate business assets include the net value of sole proprietorships, farms, and interests in partnerships, except for the value of the real estate associated with the business or farm.
- [13] Population estimates by state for 1986 were obtained from the U.S. Bureau of the Census, *Current Population Reports*, Series P-25, Number 1058, State Population and Household Estimates: July 1, 1989. Adults are defined for purposes of this discussion as individuals 21 years of age or over because of the availability of the data.
- [14] Lampman, Robert J., *The Share of Top Wealthholders in National Wealth, 1922-56*, Princeton University Press, 1962.
- [15] Smith, James, and Calvert, Staunton, "Estimating the Wealth of Top Wealthholders from Estate Tax Returns," 1965 *American Statistical Association Proceedings, Section on Business and Economics Statistics*.
- [16] Kitagawa, Evelyn M., and Hauser, Philip M., *Differential Mortality in the United States: A Study in Socioeconomic Epidemiology*, Harvard University Press, 1973.
- [17] The authors are extremely grateful for the continued support received from the Metropolitan Life Insurance Company, beginning with the late Mortimer Spiegelman and continuing most recently with Frances Baffa, who provided the mortality data used in the computation of the estate multipliers.

Estimates of Personal Wealth, 1986

Table 1.—All Top Wealthholders with Gross Assets of \$500,000 or More, by Size of Net Worth

[All figures are estimates based on estate tax return samples—numbers are in thousands; money amounts are in millions of dollars]

Size of net worth	Total assets		Debts and mortgages		Net worth		Total assets by type	
	Number	Amount	Number	Amount	Number	Amount	Real estate	
							Number	Amount
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Total	3,329.4	4,321,202	2,943.7	554,496	3,329.4	3,766,706	3,041.6	1,241,884
Under \$250,000 ¹	291.2	118,635	282.3	112,174	291.2	6,460	265.9	58,597
\$250,000 under \$500,000	548.9	306,901	510.6	87,731	548.9	219,171	519.0	141,585
\$500,000 under \$1,000,000	1,548.3	1,182,818	1,304.7	116,277	1,548.3	1,066,541	1,390.4	401,352
\$1,000,000 under \$2,500,000	710.0	1,148,848	633.0	98,132	710.0	1,050,716	651.4	335,571
\$2,500,000 under \$5,000,000	150.3	574,279	138.0	61,063	150.3	513,217	138.1	137,255
\$5,000,000 under \$10,000,000	55.5	412,160	51.2	38,314	55.5	373,847	52.6	89,086
\$10,000,000 or more	25.0	577,561	23.9	40,805	25.0	536,756	24.1	78,438

Size of net worth	Total assets by type (continued)							
	Corporate stock		Cash		Noncorporate business assets		Bonds	
	Number	Amount	Number	Amount	Number	Amount	Total	
Number							Amount	
	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Total	2,692.4	1,299,492	3,248.5	401,968	1,299.5	322,595	1,657.9	387,803
Under \$250,000 ¹	165.1	11,242	269.2	6,823	101.5	11,648	44.7	1,306
\$250,000 under \$500,000	415.4	43,431	532.8	28,956	218.2	16,230	173.3	7,308
\$500,000 under \$1,000,000	1,268.1	258,942	1,523.3	162,632	510.6	54,944	848.5	99,258
\$1,000,000 under \$2,500,000	627.0	319,063	695.6	110,357	329.1	87,610	440.0	117,789
\$2,500,000 under \$5,000,000	140.0	210,520	147.7	40,454	87.2	49,164	94.0	58,542
\$5,000,000 under \$10,000,000	52.4	170,314	55.1	23,376	34.8	39,543	37.6	48,638
\$10,000,000 or more	24.5	285,979	24.9	29,370	18.0	63,457	19.8	54,962

Size of net worth	Total assets by type (continued)							
	Bonds (continued)							
	State and local Government bonds		Corporate and foreign bonds		Federal savings bonds		Other Federal bonds	
	Number	Amount	Number	Amount	Number	Amount	Number	Amount
	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)
Total	1,173.3	269,919	554.2	31,009	360.6	8,532	508.8	78,344
Under \$250,000 ¹	20.1	1,137	9.8	84	18.7	31	*3.6	*54
\$250,000 under \$500,000	95.1	4,812	40.8	872	60.3	426	35.1	1,198
\$500,000 under \$1,000,000	577.5	59,864	301.7	10,815	194.0	5,028	288.2	23,551
\$1,000,000 under \$2,500,000	347.6	83,557	152.1	9,522	72.2	2,238	136.0	22,473
\$2,500,000 under \$5,000,000	83.2	46,629	29.3	3,218	10.0	607	27.2	8,088
\$5,000,000 under \$10,000,000	32.6	36,825	12.2	3,384	4.0	105	12.2	8,324
\$10,000,000 or more	17.3	37,095	8.3	3,114	1.5	98	6.5	14,656

Size of net worth	Total assets by type (continued)					
	Mortgages and notes		Life insurance equity		Other assets	
	Number	Amount	Number	Amount	Number	Amount
	(25)	(26)	(27)	(28)	(29)	(30)
Total	1,151.6	163,124	2,360.8	59,550	3,222.8	444,786
Under \$250,000 ¹	66.2	4,655	278.8	10,161	281.7	14,203
\$250,000 under \$500,000	154.6	14,515	479.1	11,320	539.9	43,556
\$500,000 under \$1,000,000	524.0	46,252	997.1	18,272	1,485.7	141,165
\$1,000,000 under \$2,500,000	288.5	44,624	449.1	11,864	690.0	121,970
\$2,500,000 under \$5,000,000	74.5	19,804	103.5	4,705	146.4	53,836
\$5,000,000 under \$10,000,000	26.5	10,407	36.5	1,800	54.3	28,997
\$10,000,000 or more	17.3	22,866	16.7	1,428	24.8	41,059

¹ Includes top wealthholders with negative net worth.

* Estimate should be used with caution because of the small number of sampled estate tax returns on which it is based.

Note: Detail may not add to totals because of rounding.

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Table 2.—All Male: Top Wealthholders with Gross Assets of \$500,000 or More, by Size of Net Worth

[All figures are estimates based on estate tax return samples—number are in thousands; money amounts are in millions of dollars]

Size of net worth	Total assets		Debts and mortgages		Net worth		Total assets by type	
	Number	Amount	Number	Amount	Number	Amount	Real estate	
							Number	Amount
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Total	1,957.4	2,557,364	1,743.2	394,671	1,957.4	2,162,692	1,803.1	714,752
Under \$250,000 ¹	248.6	103,475	242.3	102,698	248.6	777	227.7	49,697
\$250,000 under \$500,000	389.1	211,403	362.0	58,855	389.1	152,548	367.1	90,268
\$500,000 under \$1,000,000	789.0	618,115	663.1	74,139	789.0	543,976	714.8	199,938
\$1,000,000 under \$2,500,000	389.2	642,995	345.4	63,433	389.2	579,562	361.1	183,205
\$2,500,000 under \$5,000,000	93.0	356,532	84.7	38,191	93.0	318,340	86.2	81,026
\$5,000,000 under \$10,000,000	32.2	242,260	30.0	25,334	32.2	216,925	30.6	51,404
\$10,000,000 or more	16.4	382,584	15.7	32,021	16.4	350,564	15.6	59,214

Size of net worth	Total assets by type (continued)							
	Corporate stock		Cash		Noncorporate business assets		Bonds	
	Number	Amount	Number	Amount	Number	Amount	Total bonds	
Number							Amount	
	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Total	1,579.4	759,511	1,904.6	212,108	869.7	222,672	878.1	190,530
Under \$250,000 ¹	143.8	10,385	228.8	5,652	91.0	10,969	42.1	1,233
\$250,000 under \$500,000	298.9	30,853	379.4	19,534	159.7	12,945	129.9	5,367
\$500,000 under \$1,000,000	656.9	140,596	775.9	71,882	323.3	34,945	392.2	41,886
\$1,000,000 under \$2,500,000	346.0	182,374	380.3	55,302	200.2	49,265	222.0	54,627
\$2,500,000 under \$5,000,000	87.3	124,944	92.0	25,760	60.2	37,898	57.1	30,063
\$5,000,000 under \$10,000,000	30.3	96,316	31.9	14,308	22.5	28,882	21.9	24,387
\$10,000,000 or more	16.1	174,044	16.2	19,670	12.8	47,766	13.0	32,967

Size of net worth	Bonds (continued)							
	State and local bonds		Corporate and foreign bonds		Federal savings bonds		Other Federal bonds	
	Number	Amount	Number	Amount	Number	Amount	Number	Amount
(17)									(18)	(19)	(20)	(21)	(22)	(23)	(24)
Total	604.8	134,004	279.5	16,232	214.9	3,716	232.4	36,578
Under \$250,000 ¹	**	**	**	**	**	**	**	**
\$250,000 under \$500,000	**86.6	**4,575	**39.2	**781	**64.5	**289	**28.3	**955
\$500,000 under \$1,000,000	267.2	27,197	134.6	4,223	99.2	1,793	116.6	8,673
\$1,000,000 under \$2,500,000	173.1	39,300	73.9	5,152	38.9	1,239	61.0	8,937
\$2,500,000 under \$5,000,000	48.1	23,565	18.8	1,919	8.0	255	15.6	4,324
\$5,000,000 under \$10,000,000	19.0	17,631	7.8	2,547	3.0	60	6.6	4,149
\$10,000,000 or more	10.8	21,737	5.2	1,610	1.2	80	4.4	9,540

Size of net worth	Total assets by type (continued)					
	Mortgages and notes		Life insurance equity		Other assets	
	Number	Amount	Number	Amount	Number	Amount
(25)							(26)	(27)	(28)	(29)	(30)
Total	691.4	106,403	1,670.0	52,277	1,900.2	299,111
Under \$250,000 ¹	58.7	4,066	239.5	9,283	239.0	12,190
\$250,000 under \$500,000	107.6	8,862	357.2	10,067	383.4	33,507
\$500,000 under \$1,000,000	280.8	25,951	636.6	15,387	762.0	87,531
\$1,000,000 under \$2,500,000	164.9	27,815	317.9	10,443	377.5	79,964
\$2,500,000 under \$5,000,000	50.1	15,334	79.0	4,222	90.8	37,284
\$5,000,000 under \$10,000,000	17.6	7,445	26.2	1,540	31.2	17,978
\$10,000,000 or more	11.7	16,931	13.5	1,335	16.3	30,658

¹ Includes top wealthholders with negative net worth.

** Data combined with those for next size class to avoid disclosure of information for specific estate tax returns.

Note: Detail may not add to totals because of rounding.

Table 3.—All Female: Top Wealthholders with Gross Assets of \$500,000 or More, by Size of Net Worth

[All figures are estimates based on estate tax return samples—number are in thousands; money amounts are in millions of dollars]

Size of net worth	Total assets		Debts and mortgages		Net worth		Total assets by type	
	Number	Amount	Number	Amount	Number	Amount	Real estate	
							Number	Amount
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Total	1,372.0	1,763,838	1,200.5	159,824	1,372.0	1,604,014	1,238.4	527,132
Under \$250,000 ¹	42.7	15,159	40.0	9,476	42.7	5,683	38.3	8,900
\$250,000 under \$500,000	159.8	95,499	148.7	28,875	159.8	66,623	151.8	51,317
\$500,000 under \$1,000,000	759.3	564,703	641.6	42,138	759.3	522,565	675.6	201,414
\$1,000,000 under \$2,500,000	320.9	505,853	287.6	34,700	320.9	471,153	290.3	152,366
\$2,500,000 under \$5,000,000	57.3	217,748	53.3	22,872	57.3	194,876	51.9	56,228
\$5,000,000 under \$10,000,000	23.3	169,900	21.1	12,979	23.3	156,921	22.0	37,682
\$10,000,000 or more	8.7	194,976	8.2	8,784	8.7	186,192	8.5	19,224

Size of net worth	Total assets by type (continued)							
	Corporate stock		Cash		Noncorporate business assets		Bonds	
	Number	Amount	Number	Amount	Number	Amount	Total bonds	
Number							Amount	
	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Total	1,113.0	539,981	1,343.8	189,860	429.8	99,923	779.8	197,273
Under \$250,000 ¹	21.3	857	40.3	1,172	10.5	678	*2.6	*73
\$250,000 under \$500,000	116.4	12,578	153.3	9,421	58.6	3,285	43.4	1,941
\$500,000 under \$1,000,000	611.2	118,347	747.3	90,751	187.3	19,998	456.3	57,372
\$1,000,000 under \$2,500,000	280.9	136,689	315.3	55,055	128.9	38,345	218.1	63,163
\$2,500,000 under \$5,000,000	52.7	85,577	55.7	14,693	27.0	11,266	36.9	28,479
\$5,000,000 under \$10,000,000	22.1	73,998	23.2	9,068	12.3	10,660	15.7	24,251
\$10,000,000 or more	8.4	111,936	8.6	9,700	5.3	15,691	6.8	21,995

Size of net worth	Bonds (continued)							
	State and local bonds		Corporate and foreign bonds		Federal savings bonds		Other Federal bonds	
	Number	Amount	Number	Amount	Number	Amount	Number	Amount
(17)									(18)	(19)	(20)	(21)	(22)	(23)	(24)
Total	568.5	135,915	274.7	14,777	145.8	4,816	276.4	41,766
Under \$250,000 ¹	**	**	**	**	**	**	**	**
\$250,000 under \$500,000	**28.6	**1,374	**11.4	**176	**14.5	**168	**10.3	**296
\$500,000 under \$1,000,000	310.3	32,667	167.1	6,592	94.8	3,234	171.7	14,879
\$1,000,000 under \$2,500,000	174.5	44,258	78.2	4,370	33.3	999	75.0	13,536
\$2,500,000 under \$5,000,000	35.1	23,064	10.5	1,298	2.0	351	11.7	3,765
\$5,000,000 under \$10,000,000	13.6	19,194	4.4	838	1.0	45	5.6	4,174
\$10,000,000 or more	6.5	15,358	3.1	1,503	0.3	17	2.1	5,117

Size of net worth	Total assets by type (continued)					
	Mortgages and notes		Life insurance equity		Other assets	
	Number	Amount	Number	Amount	Number	Amount
(25)							(26)	(27)	(28)	(29)	(30)
Total	460.2	56,721	690.9	7,273	1,322.6	145,674
Under \$250,000 ¹	7.5	589	39.3	877	42.7	2,013
\$250,000 under \$500,000	47.1	5,653	121.9	1,254	156.5	10,049
\$500,000 under \$1,000,000	243.2	20,301	360.5	2,886	723.7	53,634
\$1,000,000 under \$2,500,000	123.5	16,809	131.2	1,421	312.5	42,005
\$2,500,000 under \$5,000,000	24.4	4,471	24.5	483	55.7	16,552
\$5,000,000 under \$10,000,000	8.9	2,962	10.3	260	23.1	11,019
\$10,000,000 or more	5.6	5,936	3.2	94	8.6	10,402

¹ Includes top wealthholders with negative net worth.

* Estimate should be used with caution because of the small number of sampled estate tax returns on which it is based.

** Data combined with those for next size class to avoid disclosure of information for specific estate tax returns.

Note: Detail may not add to totals because of rounding.

Estimates of Personal Wealth, 1986

Table 4.—Top Wealthholders Under 50 Years of Age With Gross Assets of \$500,000 or More, by Size of Net Worth

[All figures are estimates based on estate tax return samples—number are in thousands; money amounts are in millions of dollars]

Size of net worth	Total assets		Debts and mortgages		Net worth		Total assets by type	
	Number	Amount	Number	Amount	Number	Amount	Real estate	
							Number	Amount
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Total	1,174.7	1,376,584	1,104.4	293,889	1,174.7	1,082,696	1,073.4	425,013
Under \$250,000 ¹	239.5	83,185	232.3	76,746	239.5	6,439	215.9	42,356
\$250,000 under \$500,000	297.8	170,521	280.0	56,203	297.8	114,318	282.1	83,012
\$500,000 under \$1,000,000	373.9	309,408	340.9	53,907	373.9	255,502	333.5	112,466
\$1,000,000 under \$2,500,000	197.8	339,845	189.0	45,289	197.8	294,556	179.8	98,511
\$2,500,000 under \$5,000,000	38.4	162,126	36.4	29,845	38.4	132,281	35.2	37,355
\$5,000,000 under \$10,000,000	18.6	141,461	17.3	16,537	18.6	124,924	18.2	28,768
\$10,000,000 or more	8.6	170,038	8.4	15,361	8.6	154,676	8.6	22,545
Total assets by type (continued)								
Size of net worth	Corporate stock		Cash		Noncorporate business assets		Bonds	
	Number	Amount	Number	Amount	Number	Amount	Total bonds	
							Number	Amount
	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Total	898.4	424,892	1,130.1	105,764	515.4	135,843	412.7	68,597
Under \$250,000 ¹	131.8	7,806	219.5	5,098	75.3	7,343	34.8	612
\$250,000 under \$500,000	227.6	24,309	286.0	15,023	126.6	10,152	83.2	3,204
\$500,000 under \$1,000,000	303.3	72,278	370.2	30,241	160.3	21,116	157.0	15,191
\$1,000,000 under \$2,500,000	174.7	92,380	190.0	27,718	112.5	42,474	105.1	24,605
\$2,500,000 under \$5,000,000	34.9	69,131	37.1	9,412	22.0	19,877	15.4	6,445
\$5,000,000 under \$10,000,000	17.3	65,389	18.6	6,179	12.1	14,692	10.3	13,185
\$10,000,000 or more	8.6	93,599	8.6	12,094	6.7	20,188	6.9	5,355
Total assets by type (continued)								
Bonds (continued)								
Size of net worth	State and local bonds		Corporate and foreign bonds		Federal savings bonds		Other Federal bonds	
	Number	Amount	Number	Amount	Number	Amount	Number	Amount
Total	262.5	47,478	121.7	7,275	100.0	713	100.8	13,130
Under \$250,000 ¹ .....	..	..	..	..	..	..	..	..
\$250,000 under \$500,000	**56.8	**2,476	**28.2	**595	**43.3	**163	**17.7	**581
\$500,000 under \$1,000,000	106.6	9,356	54.2	2,546	36.3	271	47.7	3,018
\$1,000,000 under \$2,500,000	71.5	15,922	31.4	3,542	17.1	175	28.8	4,966
\$2,500,000 under \$5,000,000	12.4	4,965	*3.0	*158	*1.6	*98	*2.8	*1,224
\$5,000,000 under \$10,000,000	**15.2	**14,759	**4.8	**434	**1.7	**5	**3.9	**3,341
\$10,000,000 or more .....	..	..	..	..	..	..	..	..
Total assets by type (continued)								
Size of net worth	Mortgages and notes		Life insurance equity		Other assets			
	Number	Amount	Number	Amount	Number	Amount	Number	Amount
Total	363.9	48,587	941.7	19,330	1,145.9	148,559		
Under \$250,000 ¹	47.1	2,320	232.3	7,267	233.0	10,383		
\$250,000 under \$500,000	80.2	7,116	257.9	4,539	294.5	23,166		
\$500,000 under \$1,000,000	122.8	10,599	269.5	3,688	362.7	43,830		
\$1,000,000 under \$2,500,000	79.5	12,770	133.8	2,149	191.7	39,237		
\$2,500,000 under \$5,000,000	19.3	4,785	29.1	983	37.2	14,139		
\$5,000,000 under \$10,000,000	8.2	2,635	13.0	409	18.2	10,204		
\$10,000,000 or more	6.7	8,363	6.1	294	8.6	7,600		

¹ Includes top wealthholders with negative net worth.

* Estimate should be used with caution because of the small number of sampled estate tax returns on which it is based.

** Data combined with those for next size class to avoid disclosure of information for specific estate tax returns.

Note: Detail may not add to totals because of rounding.

Table 5.—Top Wealthholders 50 under 65 Years of Age With Gross Assets of \$500,000 or More, by Size of Net Worth
 [All figures are estimates based on estate tax return samples—number are in thousands; money amounts are in millions of dollars]

Size of net worth	Total assets		Debts and mortgages		Net worth		Total assets by type	
	Number	Amount	Number	Amount	Number	Amount	Real estate	
							Number	Amount
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Total	1,195.8	1,580,264	1,040.2	202,956	1,195.8	1,377,307	1,135.8	498,997
Under \$250,000 ¹	50.0	33,012	48.3	32,449	50.0	563	48.4	15,461
\$250,000 under \$500,000	207.0	111,897	189.5	27,743	207.0	84,154	198.1	49,440
\$500,000 under \$1,000,000	588.2	454,650	490.3	48,874	588.2	405,776	556.4	171,869
\$1,000,000 under \$2,500,000	265.4	433,632	233.3	39,471	265.4	394,161	251.8	136,654
\$2,500,000 under \$5,000,000	58.1	220,596	53.3	22,177	58.1	198,419	55.4	60,237
\$5,000,000 under \$10,000,000	19.3	147,370	17.9	16,543	19.3	130,827	18.2	36,450
\$10,000,000 or more	7.9	179,106	7.6	15,699	7.9	163,407	7.5	28,886

Size of net worth	Total assets by type (continued)							
	Corporate stock		Cash		Noncorporate business assets		Bonds	
	Number	Amount	Number	Amount	Number	Amount	Total bonds	
Number							Amount	
	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Total	984.1	422,070	1,171.5	128,032	513.1	120,824	571.2	112,196
Under \$250,000 ¹	32.0	3,163	47.9	1,610	24.7	3,945	8.8	544
\$250,000 under \$500,000	154.3	14,657	204.3	10,441	76.8	5,139	64.7	2,474
\$500,000 under \$1,000,000	485.0	86,528	573.7	49,217	218.2	22,755	298.5	27,941
\$1,000,000 under \$2,500,000	233.0	117,179	261.6	36,071	135.7	31,959	146.0	32,561
\$2,500,000 under \$5,000,000	53.8	69,380	57.1	14,799	38.5	18,404	35.3	19,310
\$5,000,000 under \$10,000,000	18.4	55,509	19.0	8,853	13.2	16,627	12.4	13,645
\$10,000,000 or more	7.7	75,653	7.8	7,041	6.1	21,995	5.5	15,721

Size of net worth	Total assets by type (continued)							
	Bonds (continued)							
	State and local bonds		Corporate and foreign bonds		Federal savings bonds		Other Federal bonds	
Number	Amount	Number	Amount	Number	Amount	Number	Amount	
								Number	Amount
	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)
Total	416.6	75,801	177.0	11,161	117.3	1,600	156.1	23,634
Under \$250,000 ¹	**	**	**	**	**	**	**	**
\$250,000 under \$500,000	**43.7	**2,164	**14.4	**274	**28.3	**200	**12.7	**380
\$500,000 under \$1,000,000	207.5	18,046	99.2	2,881	64.0	951	90.7	6,063
\$1,000,000 under \$2,500,000	119.6	24,407	45.8	2,485	20.5	372	36.1	5,297
\$2,500,000 under \$5,000,000	31.2	15,027	10.7	1,845	3.2	50	10.0	2,389
\$5,000,000 under \$10,000,000	**14.5	**16,157	**7.0	**3,676	**1.3	**28	**6.6	**9,505
\$10,000,000 or more	**	**	**	**	**	**	**	**

Size of net worth	Total assets by type (continued)					
	Mortgages and notes		Life insurance equity		Other assets	
	Number	Amount	Number	Amount	Number	Amount
Number							Amount
	(25)	(26)	(27)	(28)	(29)	(30)
Total	429.6	64,349	902.0	27,573	1,166.5	206,223
Under \$250,000 ¹	18.0	1,961	45.1	2,832	47.0	3,497
\$250,000 under \$500,000	56.2	5,681	189.7	5,874	203.0	18,189
\$500,000 under \$1,000,000	198.1	19,510	416.8	9,217	571.8	67,613
\$1,000,000 under \$2,500,000	112.3	16,658	188.0	6,012	260.6	56,538
\$2,500,000 under \$5,000,000	29.2	8,581	42.4	2,227	57.3	27,658
\$5,000,000 under \$10,000,000	10.4	4,215	14.3	749	19.0	11,323
\$10,000,000 or more	5.4	7,743	5.8	663	7.9	21,404

¹ Includes top wealthholders with negative net worth.
 **Data combined with those for next size class to avoid disclosure of information for specific estate tax returns.
 Note: Detail may not add to totals because of rounding.

Estimates of Personal Wealth, 1986

Table 6.—Top Wealthholders 65 Years of Age or Older With Gross Assets of \$500,000 or More, by Size of Net Worth

[All figures are estimates based on estate tax return samples—number are in thousands; money amounts are in millions of dollars]

Size of net worth	Total assets		Debts and mortgages		Net worth		Total assets by type	
	Number	Amount	Number	Amount	Number	Amount	Real estate	
							Number	Amount
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Total	958.8	1,364,354	799.1	57,651	958.8	1,306,703	832.4	317,874
Under \$250,000 ¹	1.7	2,437	1.7	2,979	1.7	1,542	1.7	780
\$250,000 under \$500,000	44.2	24,483	41.2	3,785	44.2	20,698	38.8	9,133
\$500,000 under \$1,000,000	586.2	418,759	473.4	13,496	586.2	405,263	500.5	117,016
\$1,000,000 under \$2,500,000	246.8	375,371	210.7	13,372	246.8	361,999	219.8	100,407
\$2,500,000 under \$5,000,000	53.8	191,557	48.3	9,041	53.8	182,516	47.6	39,662
\$5,000,000 under \$10,000,000	17.6	123,329	15.9	5,233	17.6	118,096	16.1	23,868
\$10,000,000 or more	8.5	228,417	7.8	9,744	8.5	218,673	7.9	27,008
	Total assets by type (continued)							
Size of net worth	Corporate stock		Cash		Noncorporate business assets		Bonds	
	Number	Amount	Number	Amount	Number	Amount	Total bonds	
							Number	Amount
	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Total	809.9	452,530	946.9	168,172	270.9	65,928	674.0	207,010
Under \$250,000 ¹	1.3	273	1.7	116	1.5	360	1.1	151
\$250,000 under \$500,000	33.4	4,465	42.5	3,492	14.8	939	25.4	1,630
\$500,000 under \$1,000,000	479.8	100,136	579.4	83,175	132.1	11,072	392.9	56,126
\$1,000,000 under \$2,500,000	219.2	109,504	244.0	46,568	80.9	13,177	189.0	60,623
\$2,500,000 under \$5,000,000	51.2	72,009	53.5	16,243	26.8	10,883	43.2	32,787
\$5,000,000 under \$10,000,000	16.7	49,416	17.4	8,343	9.5	8,224	15.0	21,808
\$10,000,000 or more	8.2	116,727	8.4	10,235	5.3	21,273	7.4	33,887
	Total assets by type (continued)							
Size of net worth	Bonds (continued)							
	State and local bonds		Corporate and foreign bonds		Federal savings bonds		Other Federal bonds	
	Number	Amount	Number	Amount	Number	Amount	Number	Amount
	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)
Total	494.2	146,639	255.5	12,573	143.3	6,219	251.9	41,579
Under \$250,000 ¹	**	**	**	**	**	**	**	**
\$250,000 under \$500,000	**14.7	**1,309	**8.1	**87	**7.5	**94	**8.2	**290
\$500,000 under \$1,000,000	263.4	32,462	148.2	5,388	93.6	3,806	149.8	14,470
\$1,000,000 under \$2,500,000	156.4	43,228	74.9	3,495	34.6	1,691	71.1	12,209
\$2,500,000 under \$5,000,000	39.6	26,637	15.6	1,214	5.1	459	14.5	4,476
\$5,000,000 under \$10,000,000	**20.1	**43,004	**8.7	**2,388	**2.5	**169	**8.2	**10,134
\$10,000,000 or more	**	**	**	**	**	**	**	**
	Total assets by type (continued)							
Size of net worth	Mortgages and notes		Life insurance equity		Other assets			
	Number	Amount	Number	Amount	Number	Amount		
	(25)	(26)	(27)	(28)	(29)	(30)		
Total	358.1	50,188	517.1	12,647	910.4	90,004		
Under \$250,000 ¹	1.2	375	1.4	61	1.7	322		
\$250,000 under \$500,000	18.2	1,717	31.5	907	42.4	2,201		
\$500,000 under \$1,000,000	203.1	16,144	310.8	5,368	551.2	29,723		
\$1,000,000 under \$2,500,000	96.7	15,195	127.3	3,703	237.7	26,194		
\$2,500,000 under \$5,000,000	25.9	6,439	32.1	1,495	51.9	12,039		
\$5,000,000 under \$10,000,000	7.9	3,558	9.2	642	17.1	7,470		
\$10,000,000 or more	5.1	6,761	4.8	471	8.3	12,055		

¹ Includes top wealthholders with negative net worth.² Estimate should be used with caution because of the small number of sampled estate tax returns on which it is based.

** Data combined with those for next size class to avoid disclosure of information for specific estate tax returns.

Note: Detail may not add to totals because of rounding.

Table 7.—Top Wealthholders With Net Worth Under \$10,000,000 and Gross Assets of \$500,000 or More: Total and Selected Assets, Debts and Mortgages, and Net Worth, by State of Residence

[All figures are estimates based on estate tax return samples—number are in thousands; money amounts are in millions of dollars]

State of residence	Total assets		Debts and mortgages		Net worth	
	Number	Amount	Number	Amount	Number	Amount
	(1)	(2)	(3)	(4)	(5)	(6)
Total.....	3,304.3	3,743,641	2,919.8	513,691	3,304.3	3,229,951
Alabama.....	39.0	40,469	34.5	3,585	39.0	36,884
Alaska.....	8.8	10,409	8.4	2,300	8.8	8,110
Arizona.....	52.9	60,649	47.6	9,662	52.9	50,988
Arkansas.....	16.7	18,753	15.5	3,596	16.7	15,157
California.....	558.3	701,235	506.4	107,717	558.3	593,518
Colorado.....	52.6	48,355	46.6	7,166	52.6	41,189
Connecticut.....	74.7	90,336	70.5	9,775	74.7	80,562
Delaware.....	7.1	6,332	6.9	369	7.1	5,964
District of Columbia.....	14.0	17,990	13.2	1,350	14.0	16,641
Florida.....	238.8	294,922	202.7	39,408	238.8	255,514
Georgia.....	62.6	72,469	58.9	9,540	62.6	62,929
Hawaii.....	11.0	11,330	10.1	1,475	11.0	9,855
Idaho.....	11.3	10,088	9.3	1,846	11.3	8,242
Illinois.....	148.5	175,151	129.8	27,114	148.5	148,037
Indiana.....	39.7	39,746	31.2	5,717	39.7	34,030
Iowa.....	34.5	28,936	30.8	4,072	34.5	24,863
Kansas.....	25.9	29,258	20.6	3,453	25.9	25,805
Kentucky.....	34.9	38,942	30.2	6,019	34.9	32,924
Louisiana.....	38.3	42,047	35.2	8,472	38.3	33,576
Maine.....	14.9	11,792	13.9	1,477	14.9	10,314
Maryland.....	49.7	53,351	40.1	5,429	49.7	47,923
Massachusetts.....	113.2	117,160	106.9	12,922	113.2	104,238
Michigan.....	72.4	71,707	62.5	5,465	72.4	66,242
Minnesota.....	35.2	36,411	30.6	5,405	35.2	31,006
Mississippi.....	23.5	23,388	22.6	6,167	23.5	17,221
Missouri.....	53.9	61,335	48.5	6,990	53.9	54,345
Montana.....	7.2	6,384	5.9	1,051	7.2	5,333
Nebraska.....	19.8	18,352	14.9	3,699	19.8	14,654
Nevada.....	13.3	17,953	12.0	1,249	13.3	16,704
New Hampshire.....	20.2	24,892	16.9	4,681	20.2	20,211
New Jersey.....	139.2	150,128	115.2	16,549	139.2	133,579
New Mexico.....	12.3	15,797	9.9	1,646	12.3	14,151
New York.....	339.6	381,476	288.9	35,843	339.6	345,633
North Carolina.....	66.3	80,352	61.1	8,936	66.3	71,416
North Dakota.....	9.4	7,548	7.9	3,096	9.4	4,451
Ohio.....	106.4	103,880	95.7	13,218	106.4	90,662
Oklahoma.....	37.6	48,605	34.9	7,331	37.6	41,273
Oregon.....	25.4	37,008	22.9	5,221	25.4	31,788
Pennsylvania.....	113.8	120,914	100.8	13,171	113.8	107,743
Rhode Island.....	12.1	15,902	10.5	1,886	12.1	14,015
South Carolina.....	29.4	31,084	27.8	3,529	29.4	27,555
South Dakota.....	7.0	4,784	5.9	1,220	7.0	3,564
Tennessee.....	51.4	55,303	42.2	5,736	51.4	49,567
Texas.....	250.6	295,471	229.9	60,646	250.6	234,825
Utah.....	7.3	8,787	6.2	1,276	7.3	7,510
Vermont.....	4.8	5,483	4.8	445	4.8	5,038
Virginia.....	76.5	75,017	69.7	9,140	76.5	65,878
Washington.....	55.6	56,618	45.0	9,034	55.6	47,584
West Virginia.....	11.2	9,996	9.2	620	11.2	9,375
Wisconsin.....	44.8	48,107	39.9	5,393	44.8	42,715
Wyoming.....	6.4	6,670	5.1	2,255	6.4	4,415
Other areas ¹	4.5	4,566	3.3	329	4.5	4,238

See footnotes at end of table.

Estimates of Personal Wealth, 1986

Table 7.—Top Wealthholders With Net Worth Under \$10,000,000 and Gross Assets of \$500,000 or More: Total and Selected Assets, Debts and Mortgages, and Net Worth, by State of Residence—(continued)

[All figures are estimates based on estate tax return samples—number are in thousands; money amounts are in millions of dollars]

State of residence	Total assets by type							
	Real estate		Corporate stock		Cash		Total bonds	
	Number	Amount	Number	Amount	Number	Amount	Number	Amount
(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	
Total	3,017.4	1,163,448	2,667.9	1,013,512	3,223.6	372,598	1,638.0	332,841
Alabama	35.4	10,444	30.3	11,042	37.8	5,269	18.9	3,835
Alaska	8.3	4,115	6.3	834	8.8	554	4.7	1,180
Arizona	48.8	20,583	46.1	14,263	51.3	4,502	27.5	5,308
Arkansas	15.9	4,249	15.5	6,454	15.9	2,081	8.0	2,011
California	526.4	301,244	423.0	148,121	541.1	59,770	236.2	50,816
Colorado	47.3	13,547	41.0	12,071	52.1	5,725	30.2	4,964
Connecticut	68.3	30,840	66.8	24,815	73.9	6,706	45.3	8,197
Delaware	6.4	1,524	5.8	1,832	6.5	661	4.3	491
District of Columbia	10.9	5,062	11.6	5,762	14.0	1,852	9.1	2,061
Florida	216.5	83,015	178.9	82,742	229.4	25,897	116.4	35,720
Georgia	57.9	21,956	49.8	20,962	59.6	8,402	22.6	3,843
Hawaii	10.8	5,447	8.9	2,439	10.7	1,041	5.8	806
Idaho	11.2	4,026	7.0	2,636	11.3	558	5.1	652
Illinois	138.3	41,310	121.5	53,830	145.0	18,318	80.7	16,749
Indiana	37.7	9,179	33.6	12,698	39.4	4,709	23.5	4,413
Iowa	31.1	6,502	28.9	7,053	33.0	2,732	18.2	3,781
Kansas	23.8	7,265	20.1	9,820	25.7	3,075	13.5	2,339
Kentucky	28.9	8,598	30.1	14,385	34.1	4,578	19.8	4,778
Louisiana	37.4	15,064	33.7	8,599	36.6	5,295	18.4	4,080
Maine	13.4	4,207	10.5	3,642	14.9	1,081	6.3	665
Maryland	45.3	15,570	40.4	16,171	49.4	6,007	28.5	4,164
Massachusetts	101.2	40,548	87.3	31,872	110.7	10,873	46.5	7,924
Michigan	65.4	13,268	61.3	23,244	70.6	7,816	42.2	9,265
Minnesota	32.9	10,790	30.2	10,366	34.1	3,031	18.3	2,904
Mississippi	21.7	6,596	19.9	7,405	23.4	1,975	11.8	1,369
Missouri	49.3	11,772	44.4	25,207	52.3	7,749	27.5	6,793
Montana	6.5	2,374	5.0	1,767	7.2	653	1.5	160
Nebraska	17.8	5,104	15.2	4,230	19.5	1,924	10.5	2,475
Nevada	10.8	5,318	10.9	4,547	13.3	1,875	5.4	1,889
New Hampshire	19.3	11,256	15.6	6,526	19.9	1,420	8.0	1,803
New Jersey	127.8	47,782	118.1	42,598	134.7	16,161	81.9	13,942
New Mexico	12.1	4,384	7.9	3,356	11.9	1,831	4.0	1,125
New York	277.1	108,135	278.1	110,295	332.5	39,611	189.2	35,842
North Carolina	61.6	23,143	53.4	29,431	65.1	6,623	31.9	5,854
North Dakota	9.2	2,984	7.1	1,277	8.8	618	4.8	434
Ohio	92.8	19,979	95.0	34,715	103.4	12,195	58.4	9,523
Oklahoma	34.8	9,417	29.1	11,973	36.8	5,775	12.6	7,173
Oregon	24.5	9,241	21.3	10,242	25.0	2,439	14.8	3,001
Pennsylvania	101.7	25,199	93.1	36,390	108.5	14,309	65.8	14,195
Rhode Island	10.8	5,613	10.1	5,017	12.1	1,640	6.2	1,288
South Carolina	27.4	9,905	25.4	10,265	28.8	2,615	11.4	1,972
South Dakota	5.8	1,467	5.3	694	7.0	545	3.9	550
Tennessee	49.0	14,621	38.7	18,728	50.3	5,230	24.9	5,374
Texas	241.4	100,863	210.4	60,418	249.1	38,479	107.4	20,164
Utah	6.9	1,452	5.6	2,159	7.3	757	2.8	896
Vermont	4.8	1,576	4.8	1,299	4.5	224	2.2	345
Virginia	71.1	21,861	63.3	19,432	75.8	7,437	38.5	5,528
Washington	53.1	20,630	45.1	14,207	54.1	4,330	26.9	3,966
West Virginia	10.9	2,438	10.3	3,252	11.2	1,102	7.2	967
Wisconsin	40.6	9,581	38.1	18,752	44.2	3,091	21.8	3,999
Wyoming	5.8	1,381	4.1	2,024	6.3	868	3.4	773
Other areas ¹	3.3	1,021	4.0	1,654	4.4	591	3.0	498

¹ U.S. citizens domiciled abroad. Persons who acquired U.S. citizenship solely by virtue of being a citizen of Puerto Rico or the Virgin Islands are not included.

Note: Detail may not add to totals because of rounding.

The Intergenerational Wealth Study: Basic Estate Data, 1916-1945

By Janet G. McCubbin*

In 1985 the Statistics of Income Division began to reprocess Federal estate tax returns filed since the inception of the tax in 1916. This project, called the Intergenerational Wealth Study, is designed to provide information about the accumulation, concentration and intergenerational transfer of wealth in the United States. The rich demographic and financial data present on estate tax returns provide for research into a variety of aspects of the U.S. population and economy. Family size and structure, inheritance patterns and differences in wealth holding by sex, age and geographic region are some of the circumstances reflected on the estate tax return.

This article provides an overview of basic demographic and financial data from 348,479 returns filed for individuals who died between 1916 and 1945 [1]. These data show that:

- The portion of returns filed for women increased by about 25 percent between 1916 and 1945. In most years women were, on average, less wealthy than men, but that discrepancy began to decrease during the mid-1930's.
- Age was not highly correlated with the size of gross estate, but because older decedents had less debt, net worth increased with age.
- The distribution of estate wealth changed during this period. This coincided with the Great Depression and was consistent with the general decrease in the concentration of wealth in the United States.

The modern Federal estate tax was enacted in September of 1916. An estate tax return (Form 706) must be filed after the death of an individual whose *total gross estate* equals or exceeds the filing requirement. Total gross estate consists of all real and

intangible property owned by the decedent, including property held jointly with others, before any reduction by debts and mortgages. Assets are included at their fair market value as of the date of death [2]. The estate tax is calculated after the deduction of debts and mortgages, administrative and funeral expenses, losses during administration, property previously taxed, the "specific exemption" and, after 1917, charitable contributions [3]. The credits against the estate tax applicable during portions of the 1916 to 1945 period were those for State and foreign death taxes paid and for gift taxes paid. Data presented here were collected from returns as they were originally filed, without regard to any changes made during audits [4]. Data are tabulated by year of death.

The filing requirement fluctuated between \$40,000 and \$100,000 during the 1916 to 1945 period (see Figure A). This filing threshold limits the scope of the Intergenerational Wealth Study to affluent individuals. Figure B shows the percentage of American decedents age 20 and over for whom estate tax returns were filed, by year of death [5]. The portion of estates subject to the Federal estate tax in each year varied with changes in the filing requirement and other tax provisions, and with changes in real and nominal wealth. Figure C shows the number of estate tax decedents (individuals for whom returns were filed) by year of death. To isolate economic factors from changes in the filing requirement, the number of returns for decedents with estates worth \$100,000 or more is shown separately.

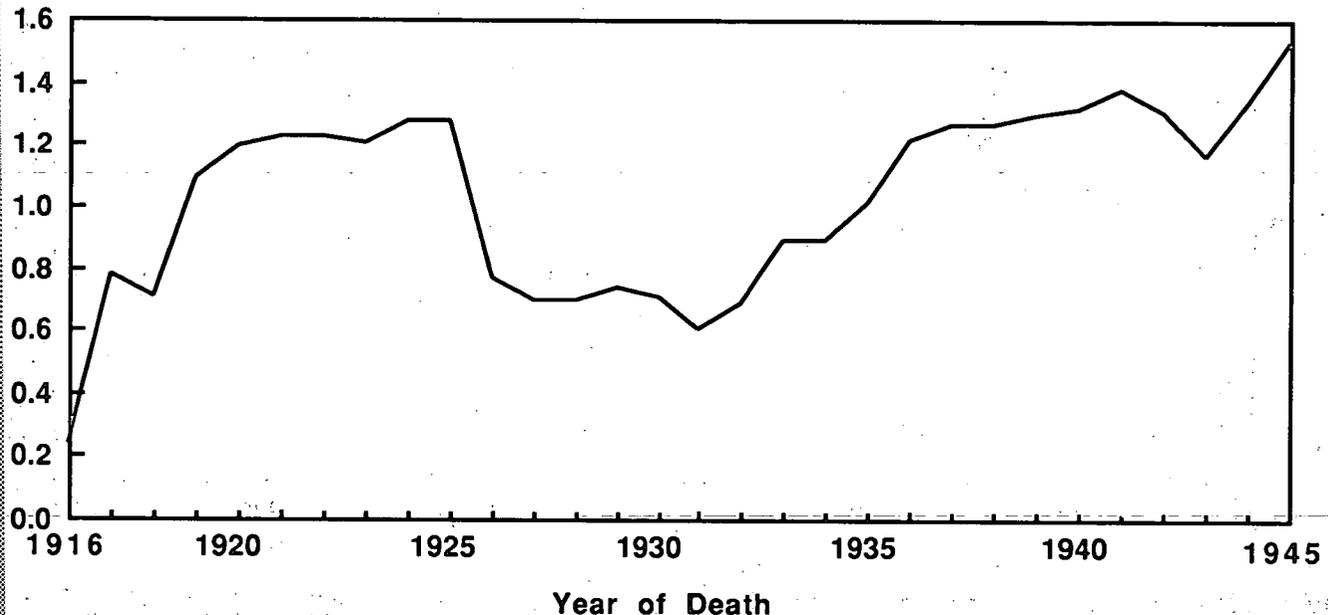
Figure A.—Federal Estate Tax Filing Requirements, 1916-1942

Effective date of change	Gross estate filing requirement
September 9, 1916	\$ 50,000
February 26, 1926	100,000
June 6, 1932	50,000
August 31, 1935	40,000
October 22, 1942	60,000

Figure B

Percentage of U.S. Adult Decedents for whom Federal Estate Tax Returns Were Filed, 1916 to 1945¹

Percentage of Decedents



¹ U.S. resident decedents age 20 and over. The estate tax became effective on September 9, 1916.

Economic growth during the 1920's, the Great Depression beginning in 1929, the economic boom associated with World War II and the general increase in wealth over time are all reflected in the number of returns filed annually.

DECEDENTS AND TOTAL GROSS ESTATE

Total gross estate was correlated with other aspects of the economy. Figure D depicts the total gross estate reported for all estate tax decedents and (to account for changes in the filing requirement) for those who had assets worth \$100,000 or more. When the estate tax was instituted in September 1916, the American economy was fairly prosperous and operating near maximum capacity, due in part to the demand for goods from allies at war in Europe. This increase in demand extended slightly beyond the end of World War I in November 1918. A brief recession occurred in 1920-21 as Europe and the

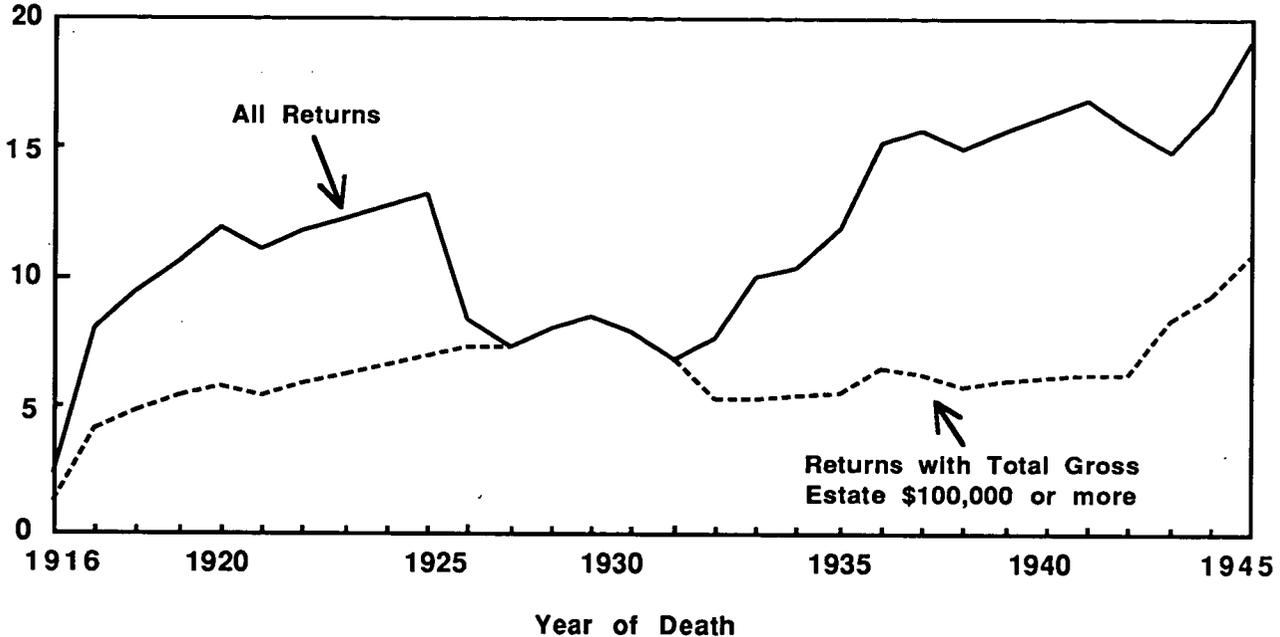
United States switched from wartime to peacetime economies and the Federal government ran a budget surplus, instead of a deficit [6]. Total gross estate from returns with \$100,000 or more dropped by 18 percent between 1920 and 1921.

Not surprisingly, the Great Depression had a significant impact on total gross estate. During 1929, both industrial production and construction declined significantly and in October the stock market became chaotic. When stock prices bottomed out in December, wealth in securities had declined by about \$25 billion, a decrease of nearly 30 percent.

Of course, the stock market crash in 1929 was only the beginning of the Depression. The economy continued its downward spiral for 4 years. Total gross estate from returns with \$100,000 or more fell by 51 percent between 1929 and 1932. During those years, the price of securities in the United States fell

Figure C
All Returns and Returns with Total Gross Estate \$100,000 or More,
1916-1945

Number of Returns (Thousands)



by more than 80 percent. Real national income fell by 36 percent between 1929 and 1933. Gross national product did increase annually from 1933 to 1937 but despite work relief, banking reform and other programs, more than 14 percent of the civilian labor force was still unemployed in 1937, and the economy, operating at only 80 percent of capacity, suffered another setback [7]. Total gross estate also fell, by 17 percent between 1936 and 1938, for returns with \$100,000 or more.

Spiraling U.S. military expenditures and an increased demand for American products abroad accompanying World War II finally ended the Great Depression. Nominal GNP increased by 86 percent between 1938 and 1942, when the economy finally reached full employment, and it climbed another 34 percent between 1942 and 1945. Total gross estate continued to fall through 1942, but increased, by 66 percent for decedents with \$100,000 or more, between 1942 and 1945 [8].

The average total gross estate, however, generally did not rebound and, as discussed later, the distribution of wealth was somewhat more equitable

after the Great Depression. Economists generally agree however, that wealth has been highly concentrated throughout this century. The distribution of total gross estate supports this conclusion, as it had a skewed shape throughout the 1916 to 1945 period (see Figure E, for example) [9].

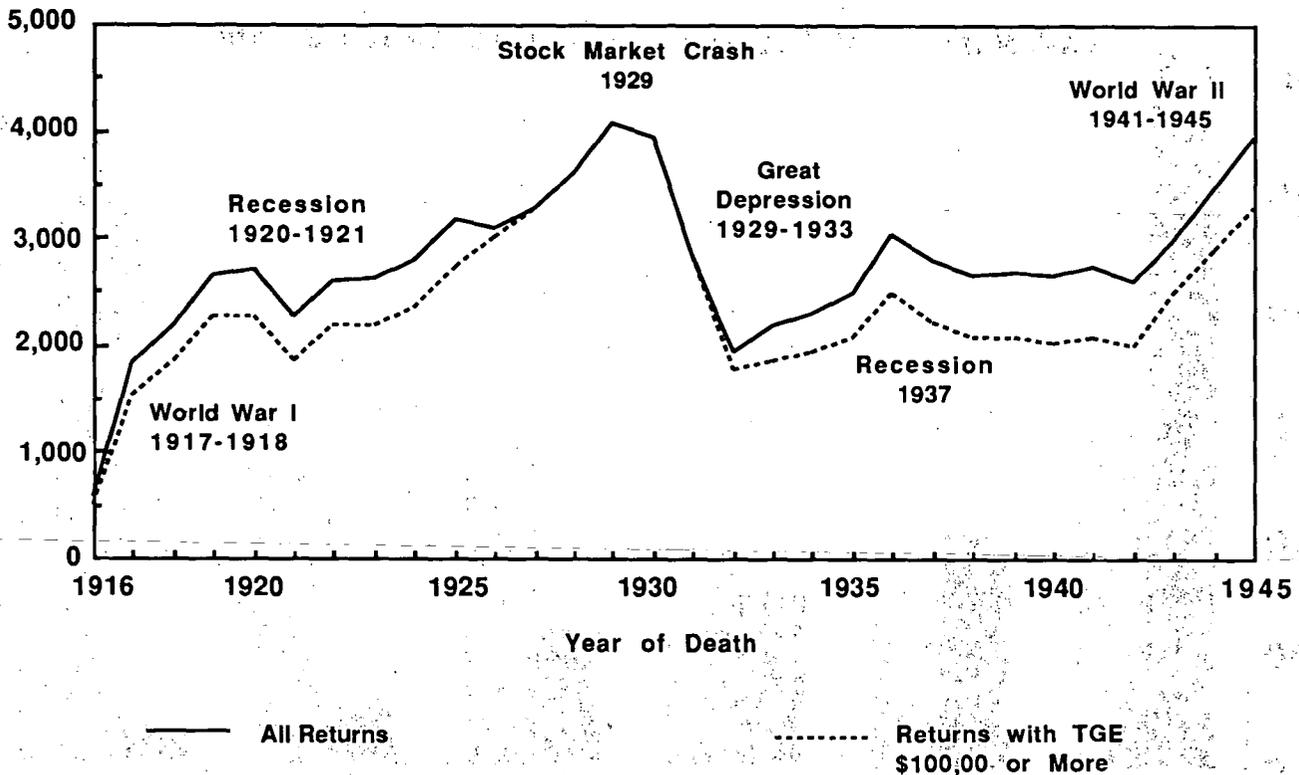
Male and Female Estate Tax Decedents

Most estate tax decedents were male, although the percentage of decedents who were female did increase over time, from a low of 23.4 percent in 1919 to a high of 35.5 percent in 1937. The relative number of females dropped to about 31 percent of estate tax decedents by 1945, due in part to the number of male fatalities during World War II. A similar drop in the portion of returns accounted for by female decedents, from 24.9 percent in 1916 to 23.4 percent in 1919, occurred during World War I. Information on cause of death has not yet been coded for analysis, but a review of the causes of death reported for male estate tax decedents under the age of 45, who died during 1942 through 1945, revealed that at least 253, or 18 percent, were killed in military service [10].

Figure D

Total Gross Estate (TGE) from All Returns and From Returns With Gross Estate of \$100,000 or More, 1916-1945

TGE (Millions of Dollars)



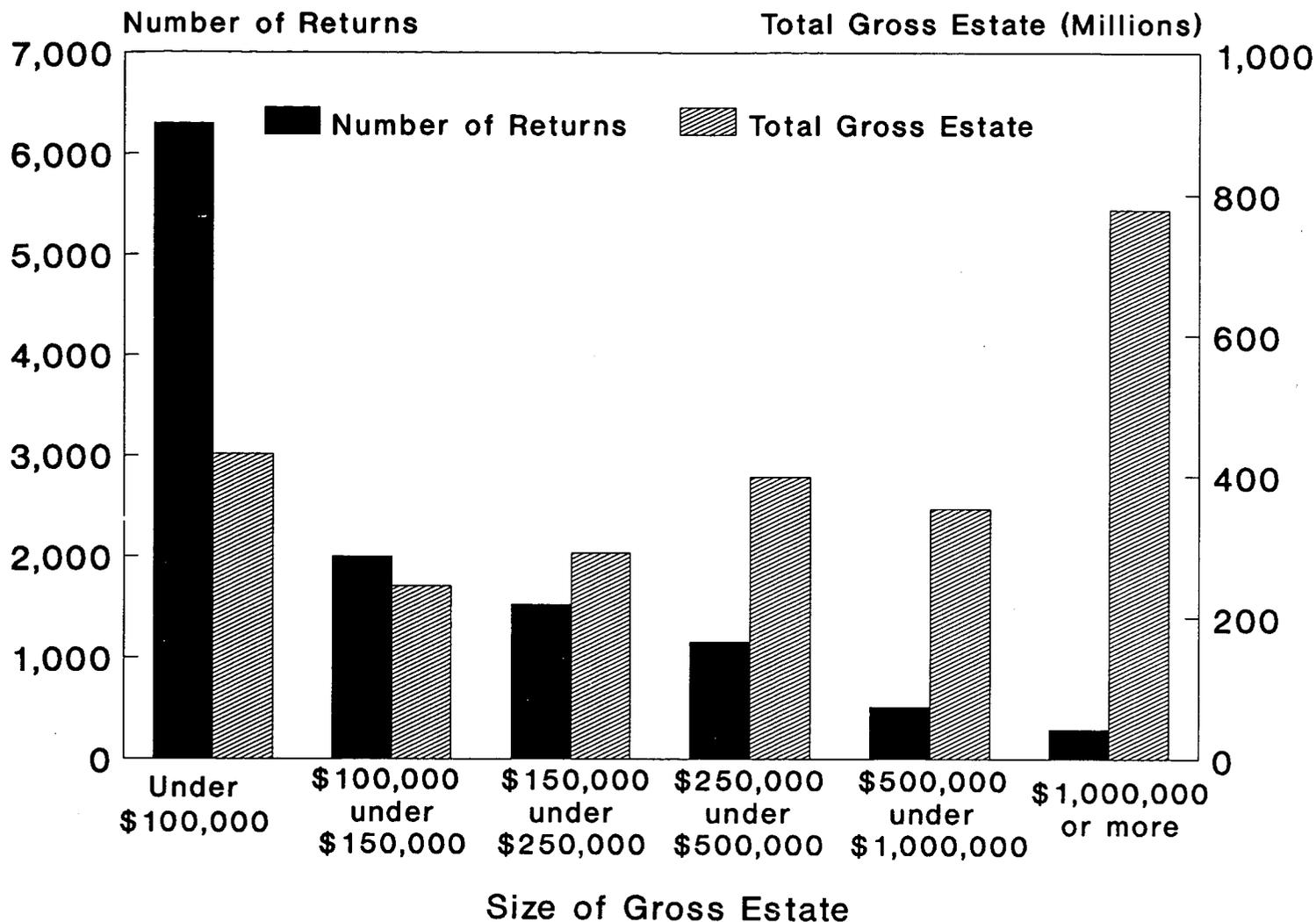
The size of total gross estate also varied by sex. Women were generally less wealthy than men during this period. In most years, fewer than a third of the estate tax decedents were women, and women accounted for an even smaller percentage of gross estate. For example, for year of death 1919, when a low of 23.4 percent of estate tax decedents were women, the assets of these women accounted for only 18.7 percent of the total gross estate reported. In 1937, when a high of 35.5 percent of estate tax decedents were women, assets of women accounted for only 31.6 percent of the total gross estate reported.

Figure F shows the average total gross estate for men and women with \$100,000 or more in gross estate. For all but 5 years, the average gross estate was higher for men. The degree of difference in average gross estate fluctuated from year to year. For example, in 1933, the estates of women were, on

average, 19.0 percent smaller than those of men. In 1934, the estates of women were only 0.7 percent smaller. (Only returns with \$100,000 or more are featured in Figure F because a significant portion of the fluctuation in the average size of smaller estates is a function of the filing requirement. The correlation between sex and size of gross estate still holds when all returns are analyzed.)

Note that average gross estate was significantly higher for women than for men in 1924. A review of the returns for the very wealthiest women for that year confirmed that there were no errors in the data and that the unusual number of extremely wealthy women who died in 1924 was apparently a random variation. Female decedents also had a larger average gross estate than male decedents in 1942 through 1945. This was due in part to the filing of returns for a large number of relatively less wealthy young males who died during World War II. Even

Figure E
 Number of Returns and Total Gross Estate by Size of Gross Estate, 1935



after eliminating the returns of decedents under the age of 50, however, women have a higher average gross estate than men for 1942 through 1945.

Age of Estate Tax Decedents

Estate tax decedents were, on average, older than decedents in the general U.S. population. Figure G shows that the mean age at death of estate tax decedents was higher than that of the decedents at large from 1920 through 1945. Wealthier individuals could better afford modern health care and adequate nutrition, and they were less likely to be exposed to work-related health hazards. In addition, it generally took time to amass personal wealth, so that the estates of younger decedents were less likely to be

subject to the Federal estate tax. The discrepancy in average age at death between estate tax and other decedents decreased, however, as overall mortality rates decreased.

As in the general U.S. population, the average age at death of estate tax decedents increased over the 1919 to 1945 period. The increase was more pronounced for females, and the average age of male estate tax decedents actually decreased by 2.3 years between 1941 and 1945. By 1945, female estate tax decedents lived, on average, 5.6 years longer than male estate tax decedents. As noted above, fatalities due to World War II resulted in an increase in the number of male estate tax decedents.

Figure F

Average Total Gross Estate (TGE) for Returns with Gross Estate \$100,000 or More, by Sex, 1916 to 1945

Average TGE (Thousands of Dollars)

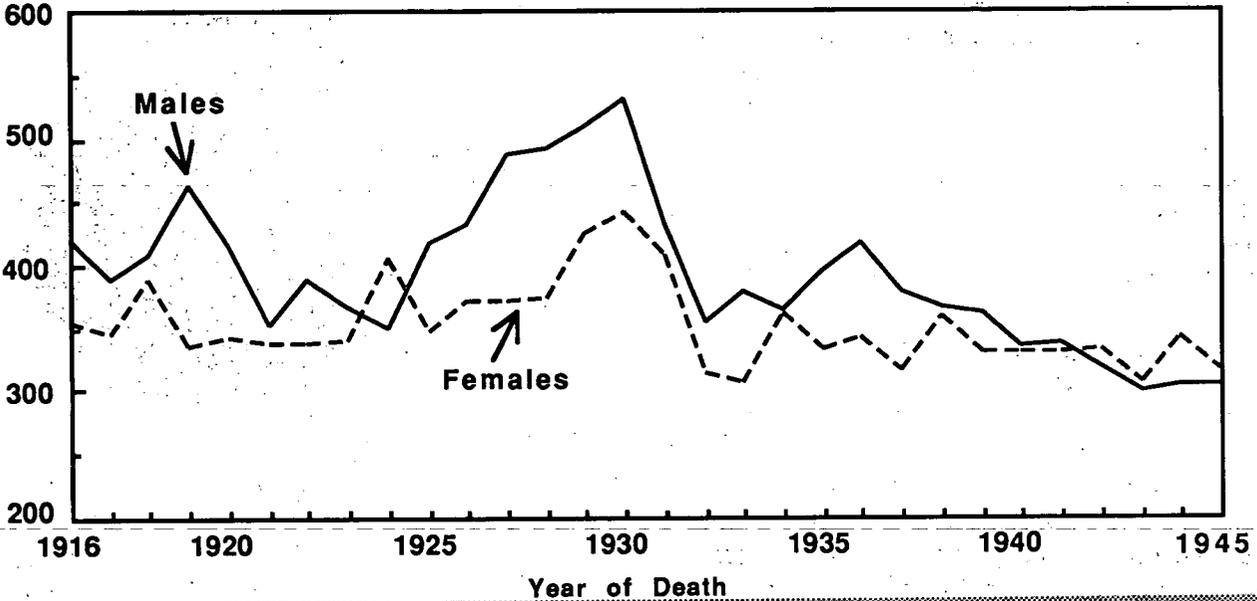
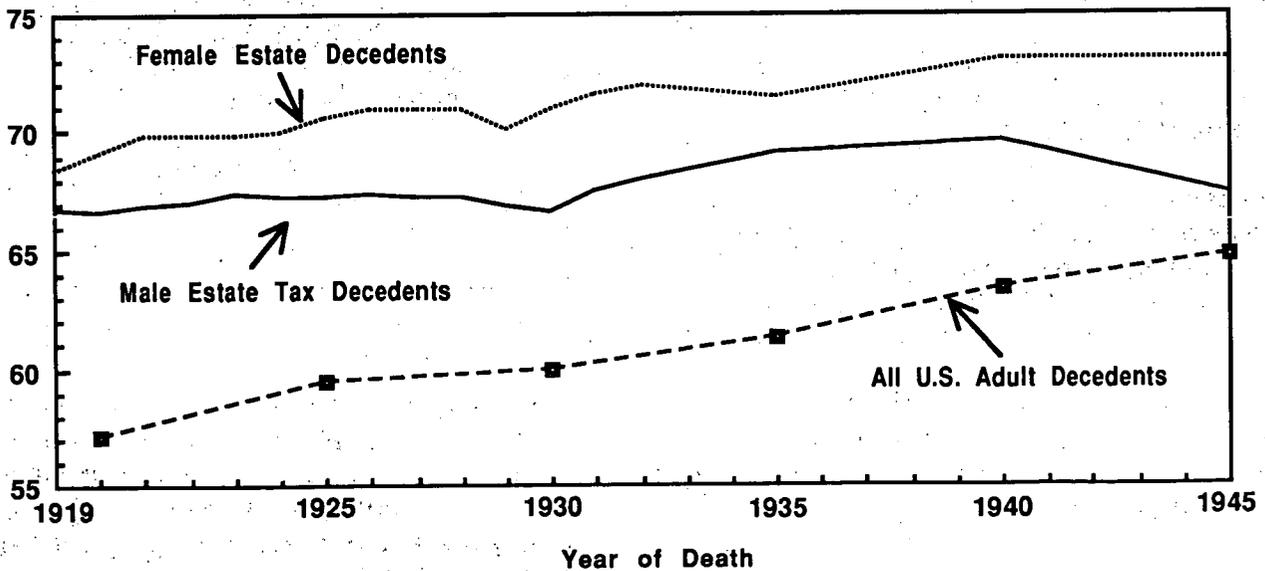


Figure G

Average Age of Male and Female Estate Tax Decedents and Average Age of All U.S. Adult Decedents by Year of Death, 1919-1945

Average Age at Death



These deaths also resulted in a lower mean age at death for male estate tax decedents. However, even the average of males aged 50 and over decreased between 1941 and 1945. This is true even after adjusting for the change in the filing requirement.

Marital Status of Estate Tax Decedents

As would be expected given the mortality patterns noted above, most male estate tax decedents were married and most females were widowed (see the distribution for 1930 in Figure H). This pattern changed little between 1925 (the first year that marital status is available from the estate tax return) and 1945, although the number of separated or divorced decedents did rise from 0.4 percent to 2.0 percent over the period.

The marital status of males and females may contribute to the discrepancy between their gross estates. It is generally believed that few women had assets of their own during this period, and therefore that much of the property owned by women was inherited from their spouses. The inherited property in a widow's estate had already been subject to estate tax at the death of her husband. Thus even if a woman inherited all of her husband's property, it seems likely that her estate was smaller.

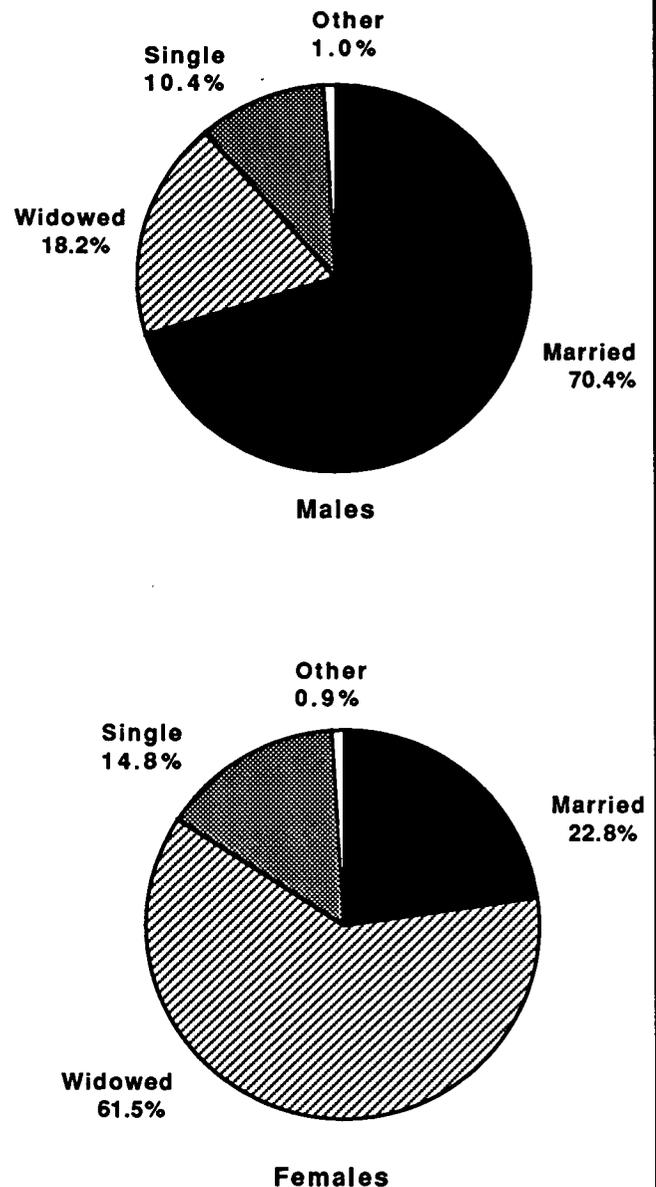
DEBTS AND NET WORTH

Figure I shows debts and mortgages reported on estate tax returns as a percentage of total gross estate in each year [11]. The peak in 1932 corresponded with the low value of total gross estate for that year, one of the worst of the Great Depression. In most years, debt as a percentage of total gross estate decreased somewhat as the size of the estate increased. This was particularly true for decedents with estates of \$250,000 or more.

Male decedents incurred significantly more debt than female decedents. Even after subtracting debts, however, women were generally still less wealthy than men. In 20 of the 30 years, *the average net worth* (total gross estate less debts) was greater for men. As with average gross estate, however, there was some fluctuation in the percentage difference between the average net worth of men and women. The average net worth of women eventually overtook that of men in 1940.

Women may have incurred less debt than men because they were more risk adverse. The larger

Figure H
Marital Status of Estate Tax Decedents
by Sex, 1930

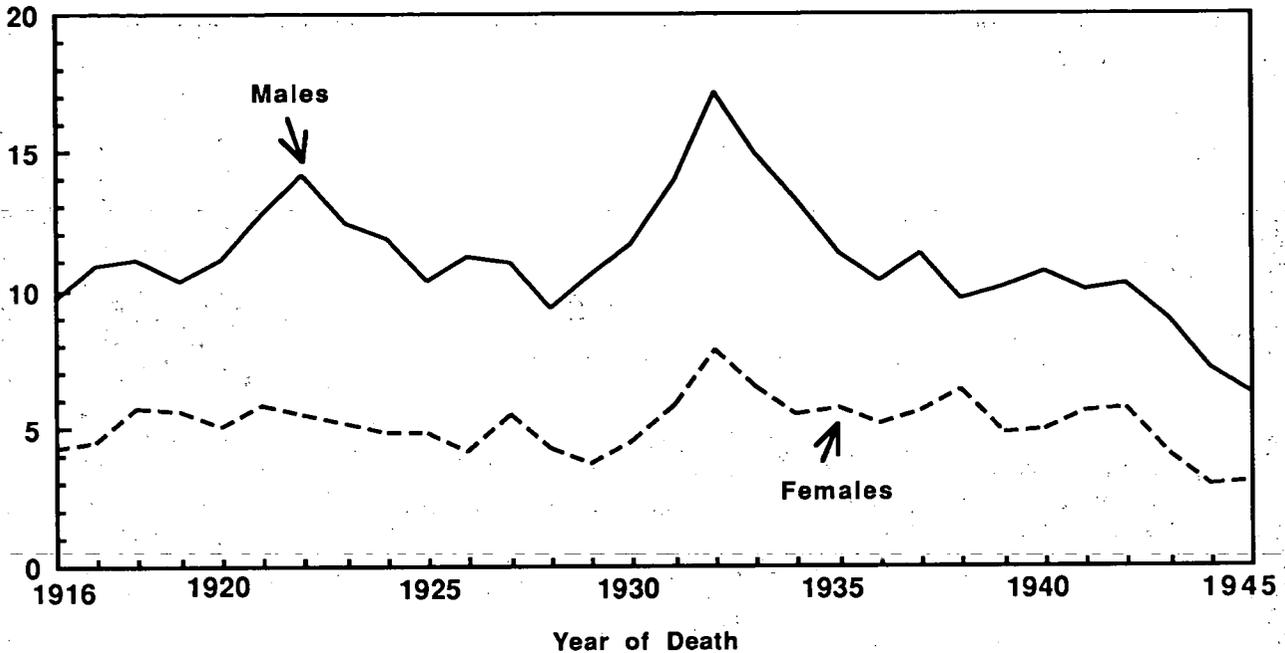


amount of debt incurred by men may also be due to the younger age at death of men, as indebtedness tended to be inversely correlated with the age of the decedent. Figure J shows debts as a percentage of total gross estate for selected age groups and years of death. The total gross estate was only slightly correlated with the age of the decedent. Debts,

Figure I

Debts and Mortgages as a Percentage of Total Gross Estate by Sex, 1916-1945

Percentage of Gross Estate



however, decreased significantly as age increased, so that net worth did increase with age.

THE ESTATE TAX

The reach of the estate tax, like that of the individual income tax, was extended significantly during the first half of this century. The Federal estate tax reported grew from \$11.7 million to \$597.2 million between 1916 and 1945. Figure K shows the effective rate structure of the tax in 1920 and 1940. Most returns for decedents from the 1916 to 1945 period were taxable (see Figure L).

Given that the estate tax was progressive and women were generally less wealthy than men, it should follow that higher taxes were paid for men's estates. This was generally true (see Figure M). Proportionately more taxes were paid for estates of women who died in 1916, 1917, 1924, 1940 and 1944, but average net worth was also greater for women in 1924, 1940 and 1944. In addition to estate size, two other factors contributed to a smaller tax

Figure J.—Debts and Mortgages Expressed as a Percentage of Total Gross Estate by Age, Selected Years of Death, 1920-1945

Year of death	Age group			
	Under 60	60 Under 70	70 Under 80	80 and over
1920.....	15.5%	11.0%	6.4%	4.9%
1925.....	14.7	10.2	6.4	4.3
1930.....	17.1	11.3	6.6	3.7
1935.....	16.0	12.5	8.3	3.9
1940.....	14.6	10.4	7.6	5.1
1945.....	9.2	5.8	4.3	3.0

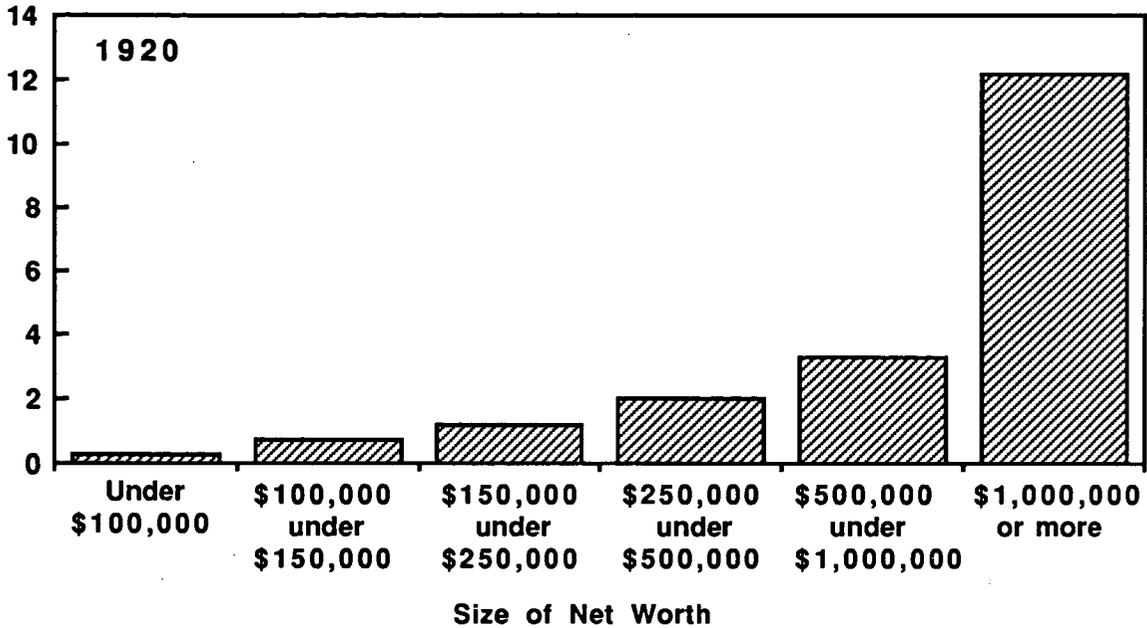
for women's estates: most women were widowed and many would have received the deduction for property previously taxed in their husbands' estates. Secondly, women as a group contributed a larger portion of their estate to charities [12].

DISTRIBUTIONAL CHANGES OVER TIME

As shown in Figure E, the distribution of gross estate is skewed to the right. Net worth, defined here as gross estate less debts, is similarly concentrated. While the distributions of wealth and income in the

Figure K
Federal Estate Tax as a Percentage of Net Worth, by Size of Net Worth, 1920 and 1940

Percentage of Net Worth



Percentage of Net Worth

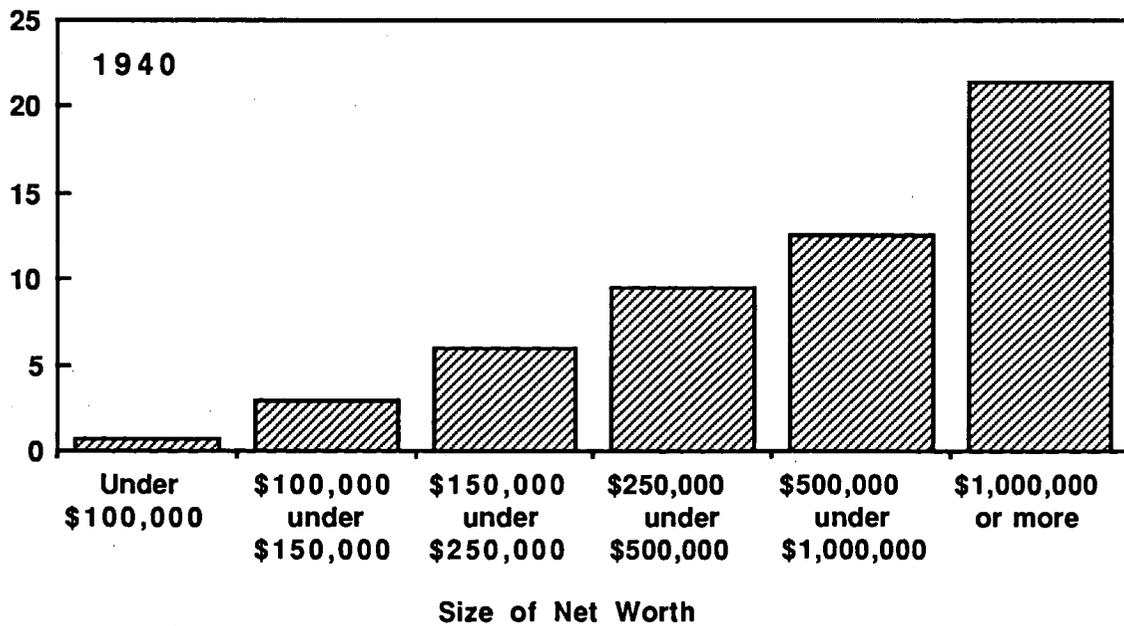


Figure L.—Number of Taxable Returns Expressed as a Percentage of All Returns, by Sex, Selected Years of Death, 1920-1945

Year of death	Percentage taxable	
	Males	Females
1920	82.1%	81.3%
1925	79.2	78.4
1930	79.6	80.1
1935	80.7	82.7
1940	82.1	84.1
1945	87.1	84.2

United States remain unequal, many economists have reported "a significant shift toward greater equality in the 20th century which some writers refer to as a modern social revolution" [13]. Lampman used estate tax data to estimate that the top 1 percent of adults held 36.3 percent of U.S. wealth in 1929, but only 23.3 percent in 1945 [14]. He suggested that price changes, decreases in the rate of saving by the wealthy and changes in wealth transfer and wealth holding practices which led to an increase in the number of women and younger persons among the wealthy contributed to the decrease in wealth inequality between 1922 and 1953. This change in the distribution of wealth is reflected in the estate tax data [15].

Data in Constant (1945) Dollars

Because these data span 30 years, it is useful to isolate the real increases in estate tax wealth by converting the data to constant dollars. The aggregate value of total gross estate generally exhibited an upward trend over the 1916 to 1945 period (see Figure N) [16]. The average total gross estate decreased, however, particularly after 1930. For example, the average total gross estate reported on returns with gross estate \$150,000 or more was nearly \$618,000 in 1919 [17]. After falling to under \$484,000 for those who died in 1921, it rose to \$680,000 in 1930. It generally fell from that peak, dropping to \$440,000 by 1945. Average net worth of this group of decedents fell from \$613,000 in 1930 to \$417,000 in 1945. This decrease is one indication of the shift in the distribution of wealth that occurred after 1929. Another sign is the dramatic decrease in the number of millionaires for whom estate tax returns were filed after 1929 (see Figure O). The portion of gross estate (from returns with \$150,000 or more) held by these millionaire decedents also fell, from 57 percent in 1930 to 35 percent in 1945.

Figure M
Estate Tax as a Percentage of Net Worth by Sex, 1916-1945

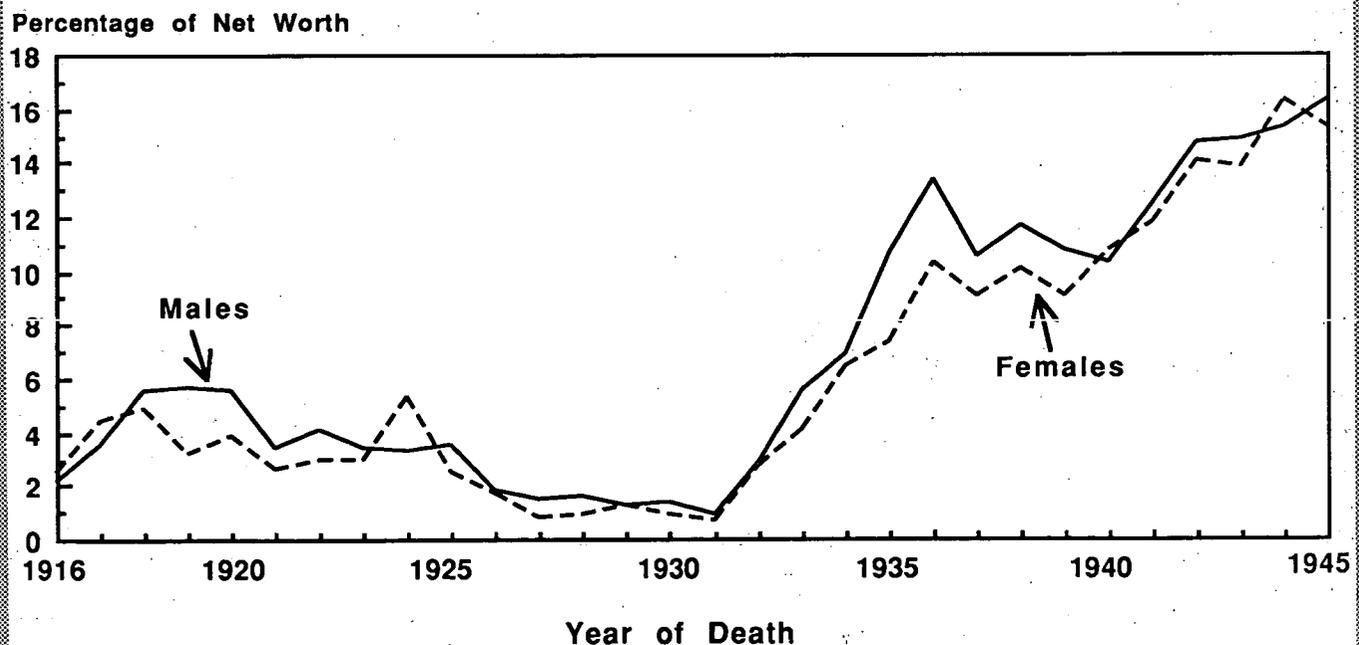


Figure N

Total Gross Estate (TGE) in Current and 1945 Dollars, 1916-1945

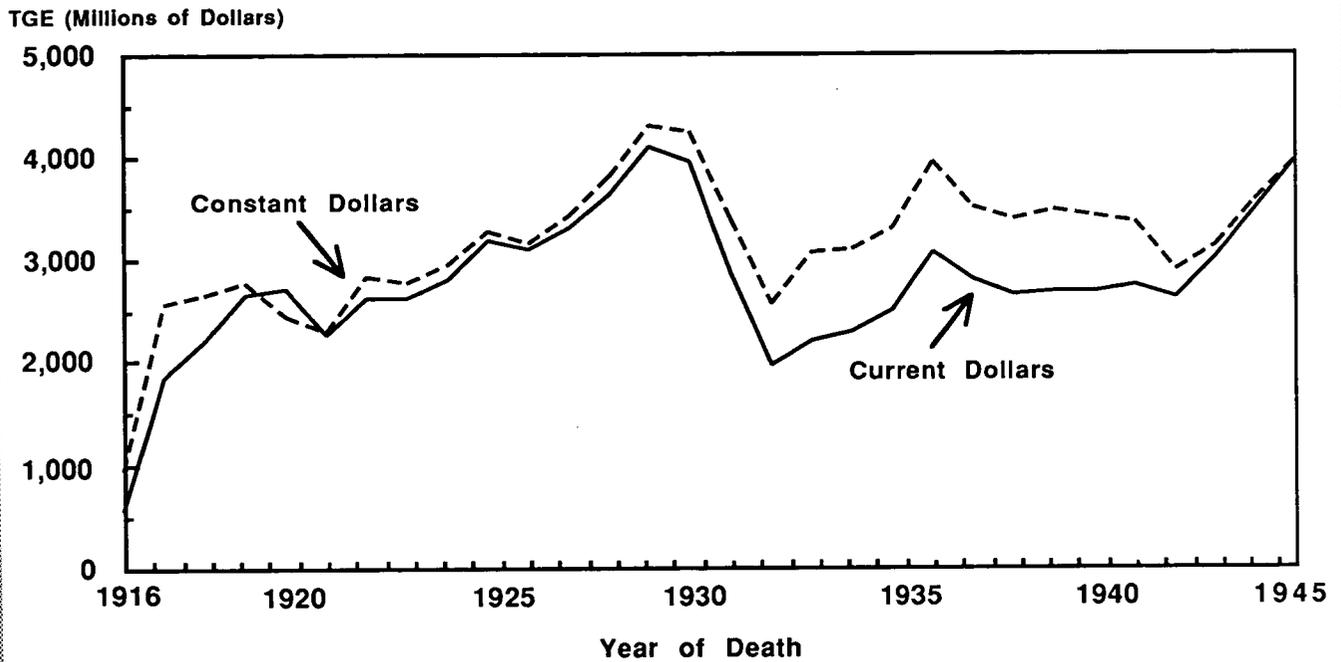
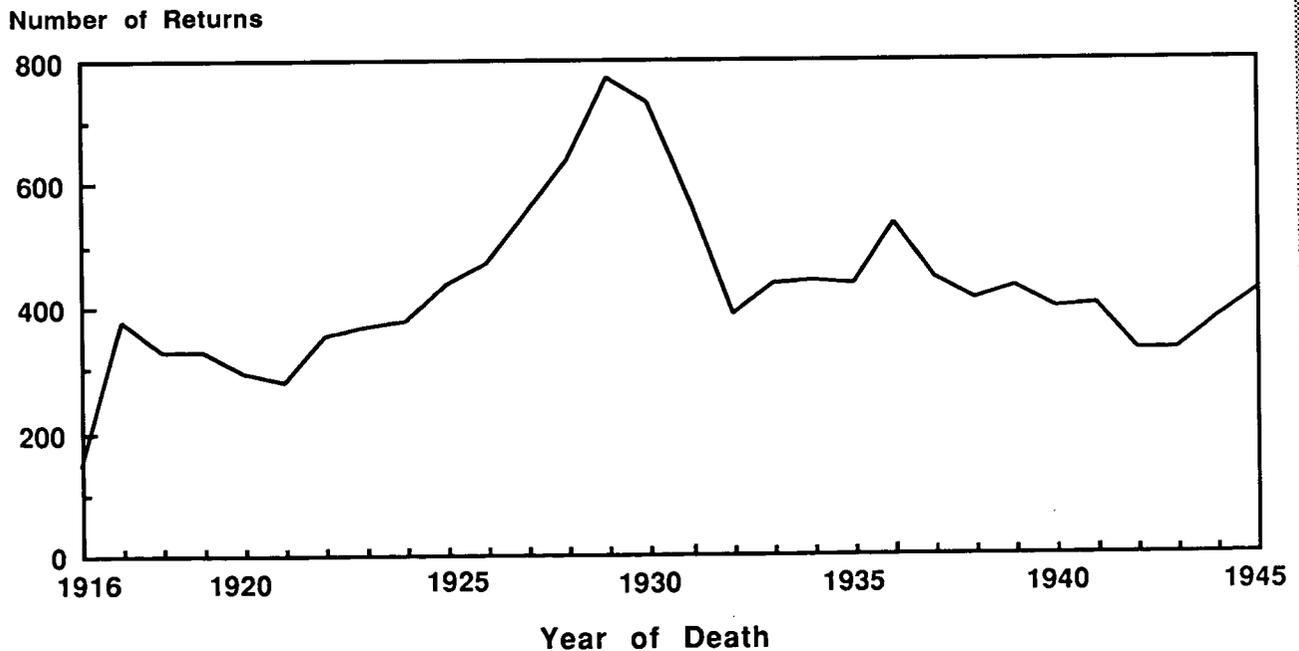


Figure O

Number of Returns with Gross Estate of \$1,000,000 or More in Constant Dollars, 1916-1945



The Wealthiest 0.5 Percent of U.S. Decedents

Federal estate tax returns provide data on the upper tail of the estate wealth distribution. These data captured a different portion of the wealth distribution in each year, because of changes in the filing requirement and increases or decreases in wealth. This variation was illustrated in Figure B. Converting total gross estate to constant dollars and looking only at returns exceeding some amount, such as \$100,000 or \$150,000, eliminates the effects of fluctuations in the filing requirement and inflation, but it does not account for real changes in the size and shape of the wealth distribution. The percentage of U.S. decedents represented by estate tax data adjusted in this way still varies because of real growth (or declines) in wealth and changes in the shape of the distribution.

However, in every year from 1917 to 1945, at least the wealthiest 0.5 percent of adult U.S. decedents were affected by the Federal estate tax. Distributional changes in estate wealth over time can be more consistently evaluated by studying the distribution of

estate wealth among just these returns. (Data for 1916 are not analyzed in this section, because the estate tax was not effective until September of that year.)

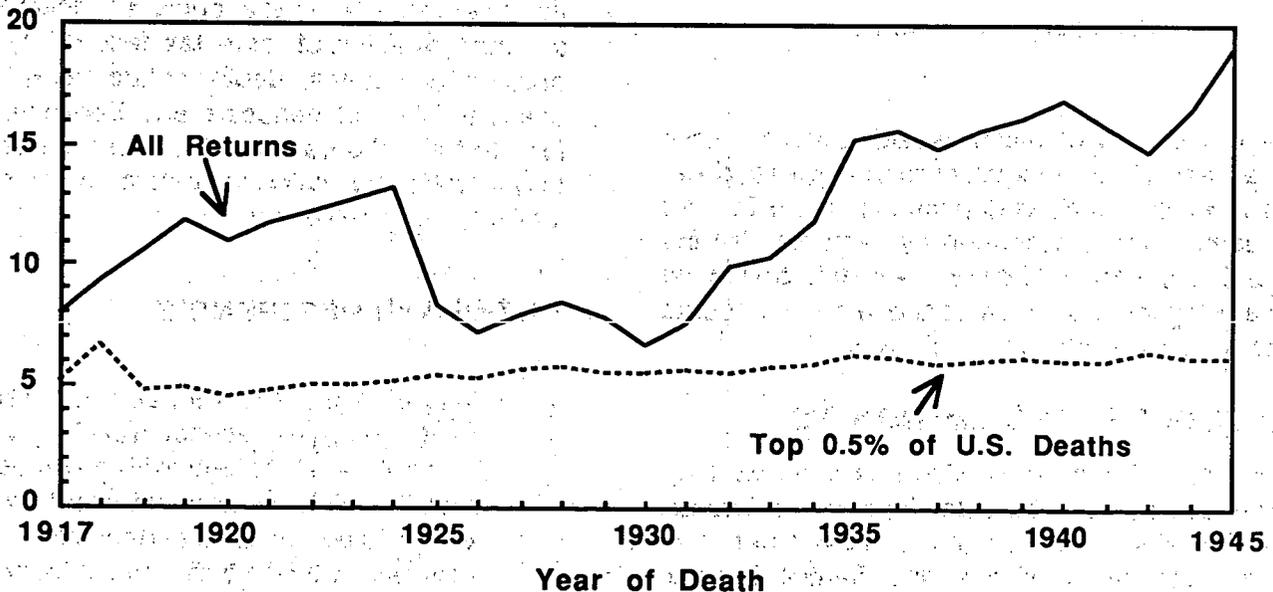
Figure P shows all returns and the number of returns representing the wealthiest 0.5 percent of adult U.S. decedents. The top 0.5 percent of decedents was much more stable, although variations did occur, as the number of U.S. deaths fluctuated. For example, in 1918 the number of deaths was unusually high, due in large part to World War I and an influenza pandemic. Because primarily young people (who are less likely to have estates above the estate tax filing requirement) died from these causes, the total number of estate tax returns filed for 1918 was equal to only 0.7 percent of adult deaths.

The allocation of wealth among these decedents can be analyzed by comparing the cumulative distribution of returns to the cumulative distribution of net worth. Graphs of these distributions, known as Lorenz curves, are shown for 1930 and 1945 in

Figure P

All Returns and Returns for the Wealthiest 0.5 Percent of U.S. Adult Deaths, 1917-1945¹

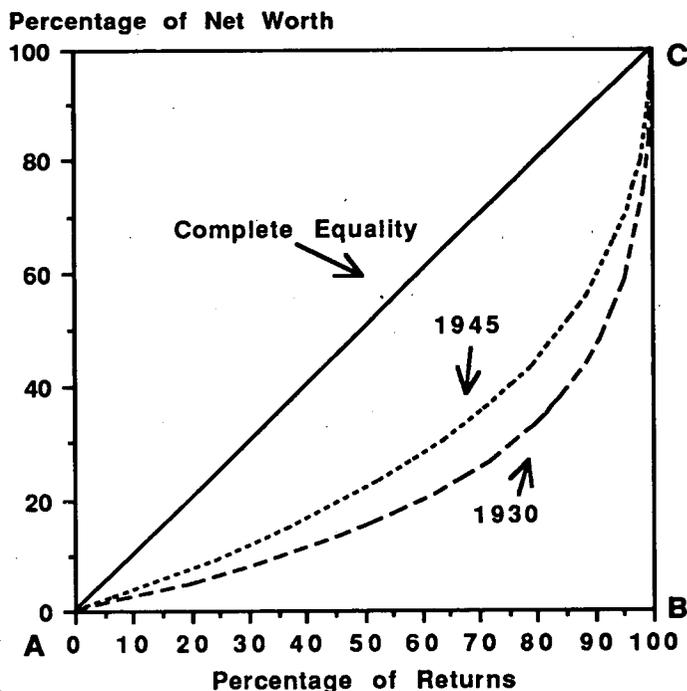
Number of Returns (Thousands)



¹ U.S. resident decedents age 20 and over.

Figure Q. If net worth were equally distributed among decedents, the plot of the cumulative distribution of net worth against the cumulative distribution of returns would form the straight line, AC. If the distribution were completely unequal (if one individual accounted for all estate wealth), the result would be the right angle ABC [18].

Figure Q
Cumulative Distribution of Returns Compared to Cumulative Distribution of Net Worth, Top 0.5 Percent of U.S. Adult Decedents, 1930 and 1945



The distribution of estate wealth became more unequal until 1930. Inequality then decreased between 1930 and 1945, as depicted in Figure Q. This is the same pattern described by Lampman for the living U.S. population. Data on the distribution of net worth among the top 0.5 percent of adult decedents in other years are provided in Table 5.

DATA SOURCES AND LIMITATIONS

The Internal Revenue Service has been working for 5 years to collect data from all Federal estate tax returns filed since 1916. Estate tax returns filed from 1916 to 1950 are stored at the Seattle Federal Records Center in Washington. Returns filed after 1950 are stored at eight Federal Records Centers around the country. The data presented here were recently collected from estate tax returns filed for

individuals who died during the years 1916 to 1945 and stored at the Seattle Federal Records Center.

Because all returns are included in the study, the data are not subject to sampling error. However, some returns from the 1916 to 1945 period may be missing. It is likely, for example, that a small number of returns are stored in other Federal Records Centers. Data will be collected from these returns as the study progresses. Comparisons of these new data to tabulations published in the *Statistics of Income* series for filing years 1916 to 1945 indicate that nearly all of the returns filed during this period have been included in the new study [19]. For some filing years, the number of recoded returns exceeds the number originally tabulated. This probably is due to delays or omissions experienced during the original processing.

The data are subject to nonsampling error. Estate valuations are generally believed to be of good quality however, largely because estate tax returns are usually completed by professional tax advisors who exhibit high levels of skill and integrity.

Data collection from returns filed for individuals who died during the 1946 through 1950 period is nearly complete. Data collection from the returns for individuals who died during 1951 through the 1970's will resume in July 1990. In addition, a collection of detailed cross-tabulations of data from the Intergenerational Wealth Study is scheduled for publication later in 1990. These tables will include data on the characteristics of estate tax decedents, the composition of estates, debts, estate taxes, and the characteristics of bequests and beneficiaries. Efforts to trace the transfer of wealth from generation to generation by linking the estate tax returns within families will be reviewed.

NOTES AND REFERENCES

- [1] Data are collected from all estate tax returns for the Intergenerational Wealth Study. Data from the 22,004 returns with gross estate less than the filing requirement and from the few returns filed for nonresident aliens are not included in this article. Preliminary data for 1916 through 1931 were published in Medve, Kathy, "Estate Tax Returns Revisited, 1916-31," *SOI Bulletin*, Spring 1987, Volume 6, Number 4.

- [2] All tabulations are presented by year of death, rather than by filing year. Assets included in the total gross estate are included at their value as of the date of death, except when the optional valuation date of 1 year after death was elected. Optional valuation was available August 1935 and thereafter. The number for which the optional valuation date was elected is not known for these returns. (Currently, both the alternate value and the date of death value are captured.) See the appendix for a description of alternate valuation and other tax law provisions.
- [3] In 1976, the specific exemption was replaced by the unified credit in effect today. The unified credit is applied after the computation of the tax. See the appendix for information on the specific exemption and other tax law provisions.
- [4] For a review of changes in the valuation of estates through audits, see Harriss, C. Lowell, "Wealth Estimates as Affected by Audit of Estate Tax Returns," *National Tax Journal*, December 1949; and McCubbin, Janet G., "Improving Wealth Estimates Derived from Estate Tax Data," *Statistics of Income and Related Administrative Record Research: 1986-1987*, Internal Revenue Service, 1987.
- [5] U.S. Bureau of the Census, *Mortality Statistics*, annual volumes 1916-1936 and *Vital Statistics of the United States*, annual volumes, 1937-1945. Deaths were not reported by every State prior to 1933. For 1916 to 1932, deaths for the United States were estimated by applying the death rate and the deaths of individuals under 20 years of age as a percentage of all deaths, calculated from the death registration states, to the mid-year population of the entire United States. Deaths of individuals under 20 years of age are excluded because very few estate tax decedents are under 20 years of age and because the death rate for children declined markedly over the period. For 1940 through 1945, the number of U.S. deaths excludes deaths of U.S. military personnel abroad. Such deaths are included in the estate data.
- [6] Gunderson, Gerald, *A New Economic History of America*, McGraw Hill, Inc., 1976.
- [7] Gunderson, *op. cit.*, and Bruchey, Stuart, *The Wealth of the Nation*, Harper and Row, New York, 1988.
- [8] This is not to suggest that war is in all respects good for the economy. For example, between 1940 and 1945, 324,000 firms (10 percent of the 1940 total) went out of business. Most of these were small businesses. The majority of Government contracts during the war went to large businesses with the ability to produce enormous amounts of military materials. See Bruchey, *op. cit.*
- [9] Wealth is generally distributed lognormally. The Pareto curve also fits the upper tail of the wealth distribution. The lognormal distribution and Pareto curve are described in Cowell, F. A., *Measuring Inequality*, John Wiley and Son, New York, 1977.
- [10] The cause of death reported for each of these 253 men clearly indicated that they were killed in action or died as a result of injuries sustained in military services. The causes of death for many other men ("lost at sea," "airplane crash," "gangrene") were less clear. Further analysis will most likely reveal that some of these men died as a result of military service. The United States entered World War I in April 1917 and the Armistice was signed in November 1918. American involvement in World War II began in December 1941 and continued through August 1945. Cause of death is not available for returns filed prior to 1923.
- [11] For some decedents, debts and mortgages may have exceeded the value of the estate. For this article however, they are constrained to the value of the estate for each decedent. This treatment seems more consistent with an analysis of estate wealth at death, as payments to creditors cannot exceed the value of the estate.
- [12] McCubbin, Janet G. and Rosenfeld, Jeffrey P., "Looking Deeper Into the New IRS Data Base", *Trusts and Estates*, November 1989. See appendix for a description of deductions and other tax law provisions.
- [13] Poulson, Barry W., *Economic History of the*

United States, Macmillan Publishing Co., New York, 1981.

- [14] Lampman, Robert J., *The Share of Top Wealth-Holders in National Wealth, 1922-1956*, Princeton University Press, Princeton, 1962. Analyses of the concentration of wealth can also be found in Smith, James D. and Franklin, Stephen D., "The Concentration of Personal Wealth, 1922-1969," *American Economic Review*, May 1974; and Wolff, Edward N. and Marley, Marcia, "Long-Term Trends in U.S. Wealth Inequality: Methodological Issues and Results," in Lipsey, Robert E. and Tice, Helen Stone, ed., *The Measurement of Saving Investment, and Wealth*, University of Chicago Press, Chicago, 1989. Estimates by Lampman, Schwartz and Johnson, and Smith and Franklin are derived from estate tax data. Discussions of the limitations of estate data for constructing estimates of wealth held by living individuals can be found in the chapter by Wolff and Marley and in Scheuren, Fritz and McCubbin, Janet, "Piecing Together Personal Wealth Distributions," *Statistics of Income and Related Administrative Record Research: 1986-1987*, Internal Revenue Service, 1987. A current estimate of wealth concentration derived from estate tax data can be found in Schwartz, Marvin and Johnson, Barry, "Personal Wealth Estimates, 1986," in this volume.
- [15] Note that the following discussion focuses on wealth reported on estate tax returns rather than on wealth estimates for living individuals.
- [16] The Consumer Price Index, produced by the Bureau of Labor Statistics, was used to convert data for all years to constant dollars. The index for 1947-1949=100 was adjusted so that 1945=100.
- [17] Returns with \$150,000 or more are used in the discussion of average gross estate to eliminate the effect of changes in the filing requirement. \$100,000 was used as the cut-off in previous sections, when data were presented in current dollars. The highest constant dollar value of the filing requirement is \$131,752 (for the first 5 months of 1932). A cut-off of \$150,000 is used instead of \$131,752 simply because it is more convenient.
- [18] For a discussion on how to derive and interpret Lorenz curves and other measures of inequality, see Loehr, William and Powelson, John P., *The Economics of Development and Distribution*, Harcourt Brace Janovich, Inc., New York, 1981.
- [19] Data in the *Statistics of Income* series were presented by filing year. Data in this article are organized by year of death, although they can be tabulated by filing year for comparisons to the older series.

APPENDIX

Overview of Estate Tax Provisions

The Appendix provides a brief overview of the Federal estate tax laws applicable to citizens and residents of the United States. Provisions affecting only non-residents are not discussed.

The Revenue Act of 1916, Effective September 9, 1916

The Revenue Act of 1916 required that a Federal estate tax return be filed after the death of any individual who died on or after September 9, 1916, and whose total gross estate exceeded \$60,000 or whose net estate exceeded \$50,000.

Total gross estate was defined as all tangible and intangible assets owned by the decedent, transfers made in contemplation of death and all transfers made within 2 years of death, except for bona fide sales. (It was presumed that gifts made within 2 years of death were made in contemplation of death and thereby subject to estate taxation.) Property owned jointly by the decedent and others was fully included in the gross estate except for the portion that could be shown to have been contributed by the other joint owner(s).

Net estate was defined as total gross estate less the deduction of debts and mortgages, funeral and administrative expenses, payments for the support of the decedent's dependents required by local law, uninsured losses during administration arising from casualty (fire, storm, etc.) or theft and a specific exemption of \$50,000.

Estate tax rates were progressive and ranged from 1 percent of the first \$50,000 of net estate to 10

percent of the portion of net estate exceeding \$5,000,000. There were no credits against the tax. The tax was due 1 year after the date of death and a 5 percent per annum discount was provided for early payment.

The Act of March 3, 1917

The tax rate in each bracket was increased by 50 percent, so that rates ranged from 1.5 percent on the first \$50,000 of net estate to 15 percent on the portion of net estate over \$5,000,000.

The Revenue Act of 1917, Effective October 4, 1917

Rates were increased further to range from 2 percent on the first \$50,000 of net estate to 25 percent of the portion of net estate over \$10,000,000. The rate increase did not apply to the estates of decedents who died while serving in U.S. military forces during World War I or if death from injuries sustained or disease contracted in military service occurred within 1 year of the end of the War.

The Revenue Act of 1918, Effective February 24, 1919

Returns were required for all gross estates exceeding \$50,000.

Three items were specifically mentioned as includable in total gross estate: 1) the interest of the surviving spouse in property existing at the time of a decedent's death as dower or curtesy, 2) property passing under a general power of appointment exercised by the decedent by will or in contemplation of death and 3) all insurance proceeds from policies taken out by the decedent on his or her own life accruing to the estate and such proceeds in excess of \$40,000 accruing to beneficiaries other than the estate.

Two new deductions from total gross estate were allowed in the computation of net estate: 1) property received by the decedent as a share in the estate of any person dying within 5 years of the decedent (or any property received in exchange for such inherited property), if the property had been previously subject to estate tax under the Revenue Acts of 1917 or 1918, and if the property previously taxed was included in the decedent's gross estate; and 2) bequests to charitable, educational or artistic organizations. The deduction for charitable bequests was allowed retroactively to the estates of decedents who died after December 31, 1917.

Tax rates on the first \$450,000 of net estate were reduced by 50 percent and tax rates on the portion of net estate between \$450,000 and \$1,500,000 were reduced by a smaller percentage. Tax rates ranged from 1 percent of the first \$50,000 of net estate to 25 percent of the portion of net estate exceeding \$10,000,000.

The Act stipulated that the estate tax did not apply to the estates of decedents who died while serving in U.S. military forces in World War I or from injuries received or diseases contracted while in military service. It provided for a refund of taxes already collected from such estates under the 1916 and 1917 Acts. (The data presented in this article probably include some returns for servicemen filed before this refund was authorized, but because the cause of death was not present on the returns at that time, it is not possible to identify and adjust for such returns.)

The tax was due 1 year after the date of death with no provision for a discount for early payment. An extension of up to 3 years could be granted if payment of tax imposed undue hardship on the estate. (The tax not paid within 18 months of the date of death was subject to 6 percent per annum interest, irrespective of the extension of time to pay as provided under earlier acts.)

The Revenue Act of 1921, Effective November 23, 1921

The 1921 Act retained the provisions outlined in the 1918 Act and extended the deduction for property previously taxed to the estates of all decedents dying after September 8, 1916. It further stipulated that the deduction was limited to the value of the property used in determining the tax on the first estate and to the extent that deductions for charitable bequests or losses during administration were not already applied against the property.

The Revenue Act of 1924, Effective June 2, 1924

The definition of total gross estate was expanded to include any property that the decedent had transferred or placed in trust but over which he or she had retained a power of appointment, exercisable by the decedent alone or with others. This type of power relinquished in contemplation of death was also included in the gross estate.

The deduction for property previously taxed was extended to property received as a gift within 5 years

of the decedent's death and previously subject to the gift tax (see below). The charitable deduction was limited to the value of the donated property reduced by any estate or inheritance taxes paid out of the charitable bequest. This limitation was later eliminated by the Revenue Act of 1926.

Tax rates were increased to range from 1 percent on the first \$50,000 of net estate to 40 percent on the portion of net estate over \$10,000,000. The maximum extension of time to pay the tax was increased from 3 to 5 years. This change was retroactive November 23, 1921, the effective date of the 1921 Act.

A gift tax and corresponding estate tax credit for gift taxes paid on property included in the estate was also introduced by the Revenue Act of 1924. (The tax rate schedule applied to taxable gifts was the same as that for net estate.) A credit for death taxes paid to States, U.S. territories and the District of Columbia was introduced. The credit was limited to 25 percent of the Federal estate tax, after the deduction of the credit for gift tax.

The estate tax rate increase described above was rescinded by the Revenue Act of 1926, so that estates of individuals who died between June 2, 1924 and February 26, 1926 were subject to the rates established in the Revenue Act of 1921. The gift tax was also repealed, and gift tax rates for Calendar Years 1924 and 1925 were reduced retroactively. The reductions were larger in the upper brackets. The maximum gift tax rate was reduced to 25 percent on the portion of taxable gifts over \$10,000,000. Taxes collected under the original 1924 Act in excess of the taxes imposed under the revised Act were refunded without interest.

Original *Statistics of Income* data for returns filed January 1, 1925 through December 31, 1926 (primarily for individuals who died January 1924 through December 1925) were adjusted to account for the refunds. The effect of the refunds on the new data is unclear. Editors were instructed to record the final tax figure shown on each return, but it is not known how often the refund had been incorporated on the original return. Certainly some returns showed the correct final tax figure, since a return was not due until 1 year after the date of death. Therefore, if an individual died after February of 1925, the Revenue Act of 1924 would have already been rescinded at the time the return was due and it seems

likely that the return would reflect the revised law. However, from the data presented in this article, the average effective tax rate for year of death 1924 is over 20 percent higher than that for 1923. Thus, for some returns, the new data may reflect the 1924 Act before its amendment.

The Revenue Act of 1926, Effective February 26, 1926

The filing requirement was increased from \$50,000 to \$100,000.

The definition of transfers made within 2 years of the decedent's death but after the enactment of the 1926 Act was modified to include only gifts to any one person of \$5,000 or more. All gifts made within 2 years of death but before the effective date of the 1926 Act were still fully included in the gross estate. The same \$5,000 criterion was used to determine which transferred assets over which the decedent retained a power of appointment were included in the gross estate.

As noted, the Revenue Act of 1926 rescinded the tax rate increase provided for by the Revenue Act of 1924. In addition, rates for estates of individuals dying February 26, 1926 and after were further reduced. They ranged from 1 percent on the first \$50,000 of net estate to 20 percent on the portion of net estate exceeding \$10,000,000.

The State death tax credit was revised such that the credit was limited to 80 percent (rather than 25 percent) of the Federal estate tax. The gift tax credit was repealed along with the other gift tax provisions, but was revived retroactively by the 1928 Act. (The Revenue Act of 1928 contained no other significant estate tax provisions.)

The Revenue Act of 1932, Effective June 6, 1932

The filing requirement was reduced to \$50,000.

In the Revenue Act of 1932 the gift tax was re-introduced and an additional tax was superimposed on the basic estate tax. The basic estate tax remained as provided for by the Revenue Act of 1926. It was applicable to the net estate after the deduction of the \$100,000 specific exemption with rates ranging from 1 to 20 percent. Credits against the basic tax included the gift tax credit for any gift tax paid under the 1924 act, a credit for gift tax paid

under the 1932 Act limited to the the proportion of the basic tax that the included gifted property bears to the entire gross estate. The credit against the basic tax for state death taxes paid was limited to 80 percent of the basic tax after deduction of the gift tax credits.

The additional tax was defined as the excess of the tentative tax over the basic tax before credits. The exemption used in computing net estate for tentative tax purposes was \$50,000 (rather than \$100,000). Tentative tax rates ranged from 1 percent on the first \$10,000 of net estate to 45 percent on the portion of net estate exceeding \$10,000,000.

No credit for gift taxes paid under the 1924 Act was allowed against the tentative tax. A credit for gift taxes paid under the 1932 Act, limited to: 1) the proportion of the additional tax that the value of the included gift bears to the entire gross estate and 2) the difference between the total gift tax and the gift tax credit allowed against the basic tax, was allowed. No state death tax credit was allowed against the tentative tax. The total Federal estate tax was then the basic tax + the additional tax which is equal to the basic tax after credits + (tentative tax after credit - basic tax before credits).

The Revenue Act of 1934, Effective May 11, 1934

The tentative tax rates on the portion of net estate exceeding \$70,000 were increased. Tentative tax rates ranged from 1 percent on the first \$10,000 of net estate to 60 percent of net estate over \$10,000,000.

The Revenue Act of 1935, Effective August 31, 1935

The filing requirement was reduced to \$40,000.

The optional valuation date was introduced. If elected, the entire gross estate was valued as of 1 year after the date of death (rather than as of the date of death). Property disposed of during the year was valued as of the date of disposition. (The optional value is now referred to as the alternate value.)

The basic tax remained the same as provided for in the Revenue Act of 1926. The specific exemption used in computing net estate for the purposes of the tentative tax was reduced to \$40,000. The tentative

tax rates were increased. They ranged from 2 percent on the first \$10,000 of net estate to 70 percent on the portion of net estate in excess of \$50,000,000.

Returns were due 15 months after the date of death.

The Revenue Act of 1939, Effective June 30, 1939

The State death tax credit was extended to allow credit for death taxes paid to any U.S. possession.

The Revenue Act of 1940, Effective June 26, 1940

A "defense tax" of 10 percent of the sum of the total tax (basic and additional taxes) after credits was imposed.

The Revenue Act of 1941, Effective September 21, 1941

The "defense tax" was repealed. The tentative tax rates were increased. They ranged from 3 percent on the first \$5,000 of net estate to 77 percent of the portion of net estate exceeding \$10,000,000.

The Revenue Act of 1942, Effective October 22, 1942

The filing requirement was increased to \$60,000.

There were three changes to the composition of total gross estate:

- 1) The full value (rather than 50 percent) of community property was included in the gross estate, except where the property could be shown to have been received in compensation for services rendered by the surviving spouse or derived from separate property originally owned by the surviving spouse. Previously, community property was included only to the extent of the State law. Community property states included Arizona, California, Idaho, Louisiana, Nevada, New Mexico, Texas and Washington.

- 2) The exclusion of up to \$40,000 of proceeds of life insurance receivable by beneficiaries other than the estate was disallowed. All insurance on the life of the decedent payable to the estate and all insurance on the life of the decedents which the decedent owned or for which he or she paid premiums became fully taxable.

3) Nearly all property over which the decedent had a power of appointment (a right to determine who may enjoy a property or income from it) was included in the gross estate, even if the power was not exercised. Previously, only general powers of appointment that had actually been exercised were included in the gross estate. Powers of appointment not included were those for which a) the decedent could only appoint to members of his or her or the donor's immediate family, b) the decedent could appoint only to charity and c) powers which could only be exercised by a disinterested fiduciary in favor of a restricted class of

persons.

Deductions of debts and mortgages, funeral and administrative expenses, and for support of dependents were limited to the value of property included in the gross estate subject to claims.

The basic and tentative taxes remained as provided for under the Revenue Act of 1941. The State death tax credit against the basic tax was revised such that it was limited to 80 percent of the basic tax before (rather than after) deducting the credit for gift taxes paid.

Basic Estate Data, 1916-1945

Table 1.—All Returns: Number, Total Gross Estate, Debts and Mortgages and Estate Tax, by Size of Gross Estate and Sex of Decedent, Years of Death, 1916-1945

[Money amounts are in thousands of current dollars]

Year of death, size of gross estate	All decedents				
	Number of returns	Gross estate	Debts and mortgages	Taxable returns	Estate tax
	(1)	(2)	(3)	(4)	(5)
1916					
Total	2,282	567,662	47,439	2,009	11,736
Under \$100,000	1,045	75,670	5,791	844	157
\$100,000 under \$150,000	435	52,957	5,452	398	271
\$150,000 under \$250,000	349	66,349	7,021	337	621
\$250,000 under \$500,000	270	93,315	7,791	260	1,768
\$500,000 under \$1,000,000	112	76,769	6,496	105	1,959
\$1,000,000 or more	71	202,601	14,889	65	6,959
1917					
Total	7,940	1,821,072	174,744	7,013	61,471
Under \$100,000	3,865	279,080	23,180	3,133	965
\$100,000 under \$150,000	1,540	185,872	18,470	1,437	1,590
\$150,000 under \$250,000	1,119	214,237	22,627	1,075	2,996
\$250,000 under \$500,000	811	279,391	28,471	788	6,824
\$500,000 under \$1,000,000	373	256,227	23,402	359	9,903
\$1,000,000 or more	232	606,265	58,595	221	39,193
1918					
Total	9,297	2,189,127	213,588	8,025	105,751
Under \$100,000	4,619	332,881	29,295	3,639	1,494
\$100,000 under \$150,000	1,821	221,279	24,836	1,655	2,243
\$150,000 under \$250,000	1,241	237,131	27,040	1,178	4,181
\$250,000 under \$500,000	959	329,106	38,119	915	10,110
\$500,000 under \$1,000,000	403	276,919	27,149	392	13,828
\$1,000,000 or more	254	791,810	67,149	246	73,894
1919					
Total	10,552	2,637,448	247,123	8,937	123,311
Under \$100,000	5,279	376,830	32,449	3,975	1,103
\$100,000 under \$150,000	2,028	246,901	26,428	1,845	1,564
\$150,000 under \$250,000	1,482	282,332	31,229	1,411	2,917
\$250,000 under \$500,000	966	334,581	34,284	934	6,106
\$500,000 under \$1,000,000	483	330,796	31,575	469	10,125
\$1,000,000 and over	314	1,066,008	91,157	303	101,496
1920					
Total	11,786	2,700,050	261,949	9,662	124,214
Under \$100,000	6,069	432,026	38,539	4,350	940
\$100,000 under \$150,000	2,246	272,931	31,287	2,015	1,352
\$150,000 under \$250,000	1,598	304,385	33,588	1,510	2,706
\$250,000 under \$500,000	1,077	370,900	41,834	1,019	5,517
\$500,000 under \$1,000,000	466	320,748	32,784	452	8,311
\$1,000,000 or more	330	999,059	83,917	316	105,389
1921					
Total	10,954	2,259,570	248,561	8,731	64,151
Under \$100,000	5,572	394,767	41,947	3,837	741
\$100,000 under \$150,000	2,031	246,313	30,785	1,767	1,178
\$150,000 under \$250,000	1,547	295,680	34,988	1,416	2,442
\$250,000 under \$500,000	1,045	361,046	42,171	988	5,239
\$500,000 under \$1,000,000	488	333,348	35,214	467	8,232
\$1,000,000 or more	271	628,416	63,456	256	46,321
1922					
Total	11,672	2,609,036	314,666	9,243	86,673
Under \$100,000	5,815	411,551	42,639	3,926	758
\$100,000 under \$150,000	2,187	266,186	32,660	1,878	1,233
\$150,000 under \$250,000	1,625	309,688	37,798	1,498	2,581
\$250,000 under \$500,000	1,181	409,346	50,470	1,114	6,118
\$500,000 under \$1,000,000	548	379,120	39,216	528	9,578
\$1,000,000 or more	316	833,144	111,883	299	66,406
1923					
Total	12,168	2,618,146	275,287	9,604	76,003
Under \$100,000	6,061	430,030	43,368	4,042	709
\$100,000 under \$150,000	2,239	272,335	31,443	1,936	1,302
\$150,000 under \$250,000	1,718	329,950	39,235	1,565	2,709
\$250,000 under \$500,000	1,232	425,372	42,374	1,174	6,388
\$500,000 under \$1,000,000	583	401,702	39,511	561	10,027
\$1,000,000 or more	335	758,757	79,355	326	54,867
1924					
Total	12,648	2,792,131	270,679	9,784	98,066
Under \$100,000	6,184	439,745	45,099	3,991	657
\$100,000 under \$150,000	2,401	291,259	32,908	2,037	1,214
\$150,000 under \$250,000	1,778	340,376	39,856	1,618	2,598
\$250,000 under \$500,000	1,364	471,686	51,065	1,260	6,914
\$500,000 under \$1,000,000	571	387,049	37,645	547	9,638
\$1,000,000 or more	350	862,017	64,105	331	77,046
1925					
Total	13,145	3,177,861	284,595	10,382	94,295
Under \$100,000	6,293	450,134	42,246	4,185	759
\$100,000 under \$150,000	2,472	300,250	34,756	2,122	1,157
\$150,000 under \$250,000	1,933	372,244	39,217	1,751	2,619
\$250,000 under \$500,000	1,415	487,637	55,162	1,328	5,861
\$500,000 under \$1,000,000	612	424,364	37,488	591	9,295
\$1,000,000 or more	420	1,143,233	75,725	405	74,605

See notes at end of table.

Table 1.—All Returns: Number, Total Gross Estate, Debts and Mortgages and Estate Tax, by Size of Gross Estate and Sex of Decedent, Years of Death, 1916-1945—(Continued)

[Money amounts are in thousands of current dollars]

Year of death, size of gross estate	All decedents (continued)				
	Number of returns	Gross estate	Debts and mortgages	Taxable returns	Estate tax
	(1)	(2)	(3)	(4)	(5)
1926					
Total	8,305	3,083,817	292,669	6,504	48,963
Under \$100,000	1,031	73,767	6,742	678	111
\$100,000 under \$150,000	2,428	297,562	27,515	1,503	308
\$150,000 under \$250,000	2,091	400,824	41,521	1,769	1,147
\$250,000 under \$500,000	1,574	540,212	58,863	1,442	2,671
\$500,000 under \$1,000,000	723	503,414	49,579	680	4,463
\$1,000,000 or more	458	1,268,038	108,449	432	40,262
1927					
Total	7,217	3,276,772	314,799	5,749	39,315
Under \$100,000	N/A	N/A	N/A	N/A	N/A
\$100,000 under \$150,000	2,281	279,645	24,232	1,332	226
\$150,000 under \$250,000	2,066	394,991	41,538	1,737	586
\$250,000 under \$500,000	1,629	563,271	50,328	1,496	2,048
\$500,000 under \$1,000,000	719	490,459	48,689	676	3,342
\$1,000,000 or more	522	1,548,407	150,012	508	33,113
1928					
Total	7,890	3,618,213	293,949	6,452	48,234
Under \$100,000	N/A	N/A	N/A	N/A	N/A
\$100,000 under \$150,000	2,353	290,297	25,242	1,463	121
\$150,000 under \$250,000	2,267	435,094	43,504	1,933	590
\$250,000 under \$500,000	1,812	632,719	64,077	1,658	2,703
\$500,000 under \$1,000,000	870	604,418	55,459	831	4,249
\$1,000,000 or more	588	1,655,685	105,667	567	40,570
1929					
Total	8,418	4,082,871	358,630	6,847	47,208
Under \$100,000	N/A	N/A	N/A	N/A	N/A
\$100,000 under \$150,000	2,458	303,965	28,645	1,470	465
\$150,000 under \$250,000	2,373	455,186	43,957	2,044	771
\$250,000 under \$500,000	1,930	665,491	69,868	1,755	2,108
\$500,000 under \$1,000,000	934	651,459	59,889	887	4,105
\$1,000,000 or more	723	2,006,770	156,271	691	39,759
1930					
Total	7,785	3,927,856	386,493	6,210	44,177
Under \$100,000	N/A	N/A	N/A	N/A	N/A
\$100,000 under \$150,000	2,337	288,153	29,064	1,360	196
\$150,000 under \$250,000	2,243	431,047	49,078	1,874	511
\$250,000 under \$500,000	1,748	609,846	71,124	1,596	2,200
\$500,000 under \$1,000,000	795	552,657	65,092	751	3,126
\$1,000,000 or more	662	2,046,154	172,136	629	38,144
1931					
Total	6,704	2,843,649	327,880	5,131	21,678
Under \$100,000	N/A	N/A	N/A	N/A	N/A
\$100,000 under \$150,000	2,073	254,975	29,724	1,158	75
\$150,000 under \$250,000	2,007	383,509	51,890	1,596	566
\$250,000 under \$500,000	1,478	511,334	61,404	1,320	1,538
\$500,000 under \$1,000,000	694	472,655	56,194	637	2,334
\$1,000,000 or more	452	1,221,175	128,668	420	17,164
1932					
Total	7,610	1,938,147	280,995	5,775	45,329
Under \$100,000	2,455	174,848	19,670	1,609	557
\$100,000 under \$150,000	1,859	226,559	30,841	1,330	1,723
\$150,000 under \$250,000	1,542	295,650	45,657	1,269	3,809
\$250,000 under \$500,000	1,048	360,659	59,634	922	6,803
\$500,000 under \$1,000,000	462	316,510	53,416	417	7,880
\$1,000,000 or more	244	563,921	71,777	228	24,557
1933					
Total	9,913	2,189,824	276,440	7,879	97,996
Under \$100,000	4,704	336,524	39,375	3,206	1,195
\$100,000 under \$150,000	1,912	233,393	31,949	1,664	3,215
\$150,000 under \$250,000	1,530	291,913	46,721	1,351	6,995
\$250,000 under \$500,000	1,036	354,773	46,229	964	14,008
\$500,000 under \$1,000,000	450	306,253	41,942	421	16,180
\$1,000,000 or more	281	666,968	70,225	273	56,403
1934					
Total	10,311	2,285,146	244,545	8,292	138,272
Under \$100,000	4,988	354,296	37,967	3,463	1,288
\$100,000 under \$150,000	2,033	247,759	33,489	1,784	3,378
\$150,000 under \$250,000	1,491	284,316	37,837	1,355	8,243
\$250,000 under \$500,000	1,037	354,610	42,775	976	17,475
\$500,000 under \$1,000,000	470	321,114	36,393	439	21,955
\$1,000,000 or more	292	723,051	56,085	275	85,934
1935					
Total	11,792	2,495,064	241,875	9,594	217,317
Under \$100,000	6,302	430,726	47,143	4,522	2,581
\$100,000 under \$150,000	2,001	243,860	29,468	1,788	5,298
\$150,000 under \$250,000	1,525	290,879	34,064	1,414	11,762
\$250,000 under \$500,000	1,155	398,412	43,810	1,088	26,750
\$500,000 under \$1,000,000	514	353,136	31,283	498	33,618
\$1,000,000 or more	295	778,050	56,107	284	137,307

See notes at end of table.

Basic Estate Data, 1916-1945

Table 1.—All Returns: Number, Total Gross Estate, Debts and Mortgages and Estate Tax, by Size of Gross Estate and Sex of Decedent, Years of Death, 1916-1945—(Continued)

[Money amounts are in thousands of current dollars]

Year of death, size of gross estate	All decedents (continued)				
	Number of returns	Gross estate	Debts and mortgages	Taxable returns	Estate tax
	(1)	(2)	(3)	(4)	(5)
1936					
Total	15,162	3,043,938	266,138	12,659	345,363
Under \$100,000	8,829	560,415	54,566	6,700	5,135
\$100,000 under \$150,000	2,278	276,711	31,130	2,106	9,914
\$150,000 under \$250,000	1,807	345,107	35,757	1,689	21,279
\$250,000 under \$500,000	1,284	443,043	41,594	1,237	39,273
\$500,000 under \$1,000,000	593	407,096	38,599	571	47,491
\$1,000,000 or more	371	1,011,566	64,492	356	222,271
1937					
Total	15,622	2,795,671	264,898	12,888	254,616
Under \$100,000	9,465	594,935	57,114	7,094	5,225
\$100,000 under \$150,000	2,402	291,599	31,199	2,226	10,334
\$150,000 under \$250,000	1,723	329,338	34,767	1,634	19,555
\$250,000 under \$500,000	1,209	413,008	43,747	1,145	35,811
\$500,000 under \$1,000,000	489	332,092	27,775	469	37,593
\$1,000,000 or more	334	834,698	70,297	320	146,098
1938					
Total	14,859	2,645,032	226,126	12,335	270,853
Under \$100,000	9,182	577,474	54,576	6,974	5,147
\$100,000 under \$150,000	2,175	263,762	27,660	2,018	9,453
\$150,000 under \$250,000	1,637	313,488	32,259	1,547	18,797
\$250,000 under \$500,000	1,089	373,432	35,304	1,042	33,106
\$500,000 under \$1,000,000	473	321,582	21,827	465	37,394
\$1,000,000 or more	303	795,295	54,500	289	166,955
1939					
Total	15,580	2,673,657	223,033	12,903	248,498
Under \$100,000	9,694	605,961	56,714	7,315	5,367
\$100,000 under \$150,000	2,286	276,882	28,617	2,136	9,686
\$150,000 under \$250,000	1,672	319,549	32,535	1,566	19,367
\$250,000 under \$500,000	1,158	396,975	33,899	1,122	35,206
\$500,000 under \$1,000,000	463	317,574	27,607	450	36,945
\$1,000,000 or more	307	756,716	43,661	294	141,928
1940					
Total	16,156	2,649,492	229,816	13,379	252,963
Under \$100,000	10,106	628,912	55,514	7,646	5,863
\$100,000 under \$150,000	2,374	288,544	30,093	2,194	10,607
\$150,000 under \$250,000	1,718	328,495	31,189	1,646	21,257
\$250,000 under \$500,000	1,188	409,184	36,092	1,149	38,220
\$500,000 under \$1,000,000	510	347,525	29,790	494	42,597
\$1,000,000 or more	260	646,832	47,139	250	134,419
1941					
Total	16,803	2,734,337	232,475	13,930	306,258
Under \$100,000	10,621	664,197	61,442	8,012	9,023
\$100,000 under \$150,000	2,478	300,273	30,411	2,332	15,182
\$150,000 under \$250,000	1,751	333,355	29,126	1,683	28,583
\$250,000 under \$500,000	1,178	407,226	36,015	1,144	47,323
\$500,000 under \$1,000,000	492	344,462	28,745	481	50,809
\$1,000,000 or more	283	684,824	46,736	278	155,338
1942					
Total	15,693	2,599,951	223,356	13,019	343,397
Under \$100,000	9,541	614,519	51,400	7,175	12,194
\$100,000 under \$150,000	2,471	300,009	29,777	2,290	21,405
\$150,000 under \$250,000	1,761	335,747	32,111	1,681	40,331
\$250,000 under \$500,000	1,190	413,206	36,155	1,161	69,643
\$500,000 under \$1,000,000	446	304,899	23,329	437	60,848
\$1,000,000 or more	284	631,569	50,584	275	138,976
1943					
Total	14,750	2,990,191	219,308	12,422	400,815
Under \$100,000	6,499	503,697	33,543	4,609	5,136
\$100,000 under \$150,000	3,354	406,318	32,479	3,100	19,944
\$150,000 under \$250,000	2,505	476,633	38,795	2,399	49,696
\$250,000 under \$500,000	1,474	501,949	36,101	1,426	79,477
\$500,000 under \$1,000,000	608	415,573	35,560	586	77,957
\$1,000,000 or more	310	686,021	42,829	302	168,605
1944					
Total	16,465	3,473,797	199,971	14,175	510,607
Under \$100,000	7,270	564,914	30,781	5,387	6,035
\$100,000 under \$150,000	3,847	465,962	30,754	3,621	24,097
\$150,000 under \$250,000	2,624	500,239	33,422	2,524	54,169
\$250,000 under \$500,000	1,660	567,181	35,568	1,607	90,460
\$500,000 under \$1,000,000	695	472,304	26,031	676	92,334
\$1,000,000 or more	369	903,196	43,415	360	243,512
1945					
Total	19,000	3,934,978	204,074	16,374	597,177
Under \$100,000	8,276	644,747	31,220	6,192	7,243
\$100,000 under \$150,000	4,482	543,532	30,920	4,187	28,496
\$150,000 under \$250,000	3,067	583,296	34,587	2,931	63,533
\$250,000 under \$500,000	1,973	668,175	39,738	1,890	105,769
\$500,000 under \$1,000,000	780	541,997	30,025	761	108,247
\$1,000,000 or more	422	953,231	37,584	413	283,889

See notes at end of table.

Table 1.—All Returns: Number, Total Gross Estate, Debts and Mortgages and Estate Tax, by Size of Gross Estate and Sex of Decedent, Years of Death, 1916-1945—(Continued)

[Money amounts are in thousands of current dollars]

Year of death, size of gross estate	Male decedents				
	Number of returns	Gross estate	Debts and mortgages	Taxable returns	Estate tax
	(1)	(2)	(3)	(4)	(5)
1916					
Total	1,634	433,756	41,630	1,429	8,648
Under \$100,000	724	52,823	4,497	579	107
\$100,000 under \$150,000	315	38,074	4,575	286	185
\$150,000 under \$250,000	260	49,165	6,357	248	431
\$250,000 under \$500,000	196	68,109	6,550	189	1,363
\$500,000 under \$1,000,000	81	54,452	5,929	75	1,289
\$1,000,000 or more	58	171,134	13,722	52	5,272
1917					
Total	5,685	1,334,011	144,563	4,980	41,927
Under \$100,000	2,765	199,856	18,622	2,211	704
\$100,000 under \$150,000	1,071	129,566	14,760	993	992
\$150,000 under \$250,000	797	152,369	18,893	763	2,029
\$250,000 under \$500,000	582	199,766	24,642	561	4,593
\$500,000 under \$1,000,000	288	197,233	19,491	279	7,631
\$1,000,000 or more	182	455,222	48,154	173	25,978
1918					
Total	6,737	1,638,820	181,577	5,739	81,274
Under \$100,000	3,291	237,528	23,825	2,520	989
\$100,000 under \$150,000	1,332	161,992	20,610	1,200	1,588
\$150,000 under \$250,000	891	170,930	22,674	845	2,912
\$250,000 under \$500,000	710	243,603	31,092	676	7,398
\$500,000 under \$1,000,000	311	215,069	24,752	304	10,561
\$1,000,000 or more	202	609,698	58,624	194	57,826
1919					
Total	7,917	2,117,508	217,970	6,690	108,069
Under \$100,000	3,939	281,782	26,969	2,935	808
\$100,000 under \$150,000	1,528	186,249	22,079	1,395	1,198
\$150,000 under \$250,000	1,096	208,492	27,320	1,048	2,121
\$250,000 under \$500,000	748	259,290	30,209	725	4,706
\$500,000 under \$1,000,000	357	243,235	27,334	347	7,463
\$1,000,000 or more	249	938,460	84,060	240	91,773
1920					
Total	8,772	2,110,637	231,587	7,206	103,029
Under \$100,000	4,455	317,568	32,499	3,175	639
\$100,000 under \$150,000	1,696	206,735	26,323	1,527	1,021
\$150,000 under \$250,000	1,187	225,867	27,808	1,128	1,951
\$250,000 under \$500,000	806	276,747	38,055	768	4,027
\$500,000 under \$1,000,000	363	250,598	29,097	355	6,567
\$1,000,000 or more	265	833,122	77,804	253	88,824
1921					
Total	8,142	1,687,885	214,545	6,511	50,373
Under \$100,000	4,185	296,995	35,079	2,876	550
\$100,000 under \$150,000	1,478	179,052	26,257	1,297	849
\$150,000 under \$250,000	1,143	218,031	30,138	1,063	1,796
\$250,000 under \$500,000	768	266,358	35,872	733	3,904
\$500,000 under \$1,000,000	366	251,532	30,812	351	6,310
\$1,000,000 or more	202	475,918	56,386	191	36,965
1922					
Total	8,510	1,983,607	280,671	6,745	69,193
Under \$100,000	4,168	295,041	35,185	2,788	520
\$100,000 under \$150,000	1,589	193,546	28,163	1,371	893
\$150,000 under \$250,000	1,217	231,928	32,206	1,125	1,919
\$250,000 under \$500,000	864	299,643	44,713	818	4,438
\$500,000 under \$1,000,000	426	293,804	35,121	411	7,298
\$1,000,000 or more	246	669,645	105,283	232	54,125
1923					
Total	8,739	1,923,552	238,539	6,887	57,042
Under \$100,000	4,323	306,369	35,712	2,842	498
\$100,000 under \$150,000	1,576	191,672	26,138	1,372	871
\$150,000 under \$250,000	1,273	244,505	34,012	1,159	1,970
\$250,000 under \$500,000	886	305,251	37,134	852	4,520
\$500,000 under \$1,000,000	432	296,167	36,505	417	7,334
\$1,000,000 or more	249	579,589	69,037	245	41,850
1924					
Total	9,116	1,957,815	230,625	7,074	56,311
Under \$100,000	4,430	315,834	37,785	2,836	466
\$100,000 under \$150,000	1,728	209,593	27,984	1,480	861
\$150,000 under \$250,000	1,301	249,860	33,873	1,197	1,895
\$250,000 under \$500,000	981	339,568	43,549	918	5,068
\$500,000 under \$1,000,000	423	287,965	34,072	405	7,296
\$1,000,000 or more	253	554,994	53,362	238	40,726
1925					
Total	9,378	2,392,759	246,388	7,429	75,673
Under \$100,000	4,402	315,359	34,277	2,920	542
\$100,000 under \$150,000	1,771	215,176	29,395	1,520	830
\$150,000 under \$250,000	1,398	269,365	33,821	1,274	1,934
\$250,000 under \$500,000	1,054	364,577	48,931	986	4,327
\$500,000 under \$1,000,000	433	300,964	32,282	418	6,589
\$1,000,000 or more	320	927,319	67,682	311	61,451

See notes at end of table.

Basic Estate Data, 1916-1945

Table 1.—All Returns: Number, Total Gross Estate, Debts and Mortgages and Estate Tax, by Size of Gross Estate and Sex of Decedent, Years of Death, 1916-1945—(Continued)

[Money amounts are in thousands of current dollars]

Year of death, size of gross estate	Male decedents (continued)				
	Number of returns	Gross estate	Debts and mortgages	Taxable returns	Estate tax
	(1)	(2)	(3)	(4)	(5)
1926					
Total	5,990	2,326,788	261,537	4,721	36,331
Under \$100,000	703	50,225	5,514	463	79
\$100,000 under \$150,000	1,740	213,720	23,299	1,071	221
\$150,000 under \$250,000	1,474	282,578	35,773	1,262	866
\$250,000 under \$500,000	1,169	400,251	51,554	1,071	1,965
\$500,000 under \$1,000,000	535	372,806	43,099	506	3,403
\$1,000,000 or more	369	1,007,209	102,297	348	29,798
1927					
Total	5,141	2,507,832	273,043	4,107	33,801
Under \$100,000	N/A	N/A	N/A	N/A	N/A
\$100,000 under \$150,000	1,570	192,317	20,450	884	179
\$150,000 under \$250,000	1,478	282,528	35,087	1,251	443
\$250,000 under \$500,000	1,165	403,327	44,039	1,082	1,482
\$500,000 under \$1,000,000	523	357,062	42,230	495	2,391
\$1,000,000 or more	405	1,272,697	131,237	395	29,306
1928					
Total	5,664	2,789,756	259,130	4,648	41,100
Under \$100,000	N/A	N/A	N/A	N/A	N/A
\$100,000 under \$150,000	1,644	203,103	21,022	999	91
\$150,000 under \$250,000	1,590	304,688	36,100	1,368	442
\$250,000 under \$500,000	1,318	463,719	56,556	1,213	1,857
\$500,000 under \$1,000,000	652	454,686	47,216	625	3,250
\$1,000,000 or more	460	1,363,560	98,236	443	35,460
1929					
Total	5,991	3,052,167	320,849	4,870	35,133
Under \$100,000	N/A	N/A	N/A	N/A	N/A
\$100,000 under \$150,000	1,722	213,227	24,716	994	215
\$150,000 under \$250,000	1,653	318,040	37,066	1,428	388
\$250,000 under \$500,000	1,390	479,404	60,357	1,285	1,535
\$500,000 under \$1,000,000	688	484,236	54,310	650	2,906
\$1,000,000 or more	538	1,557,259	144,400	513	30,089
1930					
Total	5,569	2,950,919	343,081	4,435	35,998
Under \$100,000	N/A	N/A	N/A	N/A	N/A
\$100,000 under \$150,000	1,628	200,903	24,083	920	164
\$150,000 under \$250,000	1,609	309,293	41,224	1,339	364
\$250,000 under \$500,000	1,259	439,166	61,653	1,154	1,346
\$500,000 under \$1,000,000	579	404,444	57,845	549	2,305
\$1,000,000 or more	494	1,597,114	158,277	473	31,819
1931					
Total	4,693	2,027,504	281,105	3,565	16,263
Under \$100,000	N/A	N/A	N/A	N/A	N/A
\$100,000 under \$150,000	1,426	175,596	24,424	775	55
\$150,000 under \$250,000	1,430	274,201	45,460	1,131	451
\$250,000 under \$500,000	1,023	354,340	54,045	911	1,086
\$500,000 under \$1,000,000	481	326,255	45,864	441	1,665
\$1,000,000 or more	333	897,112	111,312	307	13,005
1932					
Total	5,231	1,402,404	239,265	3,917	32,015
Under \$100,000	1,590	113,665	15,873	1,009	329
\$100,000 under \$150,000	1,262	154,139	26,060	880	1,136
\$150,000 under \$250,000	1,100	210,672	39,550	892	2,585
\$250,000 under \$500,000	752	259,859	50,913	659	4,754
\$500,000 under \$1,000,000	348	238,115	49,221	312	5,755
\$1,000,000 or more	179	425,954	57,647	165	17,456
1933					
Total	6,729	1,597,808	238,675	5,260	75,384
Under \$100,000	3,081	220,984	31,557	2,038	784
\$100,000 under \$150,000	1,330	162,458	26,536	1,134	2,215
\$150,000 under \$250,000	1,067	204,686	40,094	928	4,785
\$250,000 under \$500,000	714	246,096	40,265	656	9,719
\$500,000 under \$1,000,000	318	217,469	36,867	292	11,259
\$1,000,000 or more	219	546,116	63,358	212	46,622
1934					
Total	6,840	1,536,829	204,055	5,395	91,934
Under \$100,000	3,248	231,215	29,808	2,173	768
\$100,000 under \$150,000	1,383	168,832	27,636	1,197	2,208
\$150,000 under \$250,000	995	189,374	29,609	893	5,545
\$250,000 under \$500,000	694	238,101	35,307	650	11,729
\$500,000 under \$1,000,000	312	215,686	32,228	286	14,660
\$1,000,000 or more	208	493,621	49,466	196	57,024
1935					
Total	7,887	1,779,310	201,578	6,363	167,492
Under \$100,000	4,108	283,326	36,730	2,906	1,731
\$100,000 under \$150,000	1,365	166,380	24,069	1,200	3,506
\$150,000 under \$250,000	1,031	197,372	28,007	948	7,880
\$250,000 under \$500,000	799	276,468	36,718	745	18,445
\$500,000 under \$1,000,000	367	252,509	24,361	358	24,896
\$1,000,000 or more	217	603,255	51,693	206	111,034

See notes at end of table.

Table 1.—All Returns: Number, Total Gross Estate, Debts and Mortgages and Estate Tax, by Size of Gross Estate and Sex of Decedent, Years of Death, 1916-1945—(Continued)

[Money amounts are in thousands of current dollars]

Year of death, size of gross estate	Male decedents (continued)				
	Number of returns	Gross estate	Debts and mortgages	Taxable returns	Estate tax
	(1)	(2)	(3)	(4)	(5)
1936					
Total	9,906	2,128,027	219,878	8,186	255,929
Under \$100,000	5,672	362,461	42,192	4,225	3,325
\$100,000 under \$150,000	1,479	179,425	23,993	1,355	6,196
\$150,000 under \$250,000	1,217	232,348	28,759	1,133	14,041
\$250,000 under \$500,000	859	297,973	33,640	828	26,345
\$500,000 under \$1,000,000	408	281,205	34,429	388	32,443
\$1,000,000 or more	271	774,616	56,865	257	173,577
1937					
Total	10,074	1,911,450	216,566	8,222	178,773
Under \$100,000	6,038	381,699	42,984	4,446	3,284
\$100,000 under \$150,000	1,563	189,898	24,876	1,438	6,723
\$150,000 under \$250,000	1,103	210,574	26,654	1,045	12,569
\$250,000 under \$500,000	805	273,600	37,291	754	23,175
\$500,000 under \$1,000,000	328	221,252	21,044	313	25,318
\$1,000,000 or more	237	634,427	63,718	226	107,703
1938					
Total	9,718	1,772,867	170,936	8,015	188,150
Under \$100,000	5,901	372,705	41,992	4,424	3,222
\$100,000 under \$150,000	1,437	174,440	21,811	1,328	6,339
\$150,000 under \$250,000	1,125	216,023	26,820	1,058	12,981
\$250,000 under \$500,000	734	252,257	28,252	700	22,401
\$500,000 under \$1,000,000	316	214,563	16,907	310	25,099
\$1,000,000 or more	205	542,879	35,152	195	118,108
1939					
Total	10,150	1,812,795	182,664	8,332	174,219
Under \$100,000	6,232	392,665	43,875	4,623	3,454
\$100,000 under \$150,000	1,495	180,639	23,159	1,390	6,231
\$150,000 under \$250,000	1,130	216,367	26,476	1,072	13,184
\$250,000 under \$500,000	773	265,684	27,293	748	23,957
\$500,000 under \$1,000,000	310	215,269	23,299	299	24,546
\$1,000,000 or more	210	542,170	38,561	200	102,848
1940					
Total	10,444	1,749,278	185,331	8,577	160,659
Under \$100,000	6,435	404,260	42,604	4,800	3,850
\$100,000 under \$150,000	1,548	188,712	23,231	1,427	6,870
\$150,000 under \$250,000	1,133	217,210	25,074	1,078	14,119
\$250,000 under \$500,000	819	281,261	30,846	786	25,920
\$500,000 under \$1,000,000	342	232,453	24,102	327	27,937
\$1,000,000 or more	167	425,383	39,473	159	81,963
1941					
Total	10,887	1,813,367	181,728	8,938	203,269
Under \$100,000	6,779	426,354	46,920	5,010	5,857
\$100,000 under \$150,000	1,651	200,235	23,921	1,550	10,068
\$150,000 under \$250,000	1,152	219,158	23,156	1,103	18,455
\$250,000 under \$500,000	792	272,901	27,575	771	32,083
\$500,000 under \$1,000,000	325	228,586	21,826	319	33,690
\$1,000,000 or more	188	466,133	38,330	185	103,116
1942					
Total	10,218	1,694,290	172,929	8,406	223,862
Under \$100,000	6,141	398,090	39,450	4,536	7,891
\$100,000 under \$150,000	1,650	200,272	23,057	1,523	14,031
\$150,000 under \$250,000	1,163	222,355	26,357	1,109	26,375
\$250,000 under \$500,000	796	277,654	28,869	780	47,440
\$500,000 under \$1,000,000	283	193,414	16,857	278	39,585
\$1,000,000 or more	185	402,505	38,339	180	88,540
1943					
Total	10,149	2,070,609	182,413	8,610	279,380
Under \$100,000	4,374	340,297	26,310	3,100	3,418
\$100,000 under \$150,000	2,364	286,105	27,014	2,210	14,071
\$150,000 under \$250,000	1,780	338,050	31,279	1,713	35,217
\$250,000 under \$500,000	1,013	343,460	30,022	985	54,529
\$500,000 under \$1,000,000	405	276,814	29,789	395	51,525
\$1,000,000 or more	213	485,884	37,999	207	120,619
1944					
Total	11,324	2,328,831	166,319	9,831	329,341
Under \$100,000	4,955	387,581	24,176	3,722	4,235
\$100,000 under \$150,000	2,680	325,340	24,356	2,529	16,917
\$150,000 under \$250,000	1,822	346,236	27,839	1,759	37,430
\$250,000 under \$500,000	1,147	389,877	29,300	1,115	62,437
\$500,000 under \$1,000,000	474	322,358	23,045	466	63,616
\$1,000,000 or more	246	557,439	37,603	240	144,706
1945					
Total	13,043	2,707,103	166,927	11,364	414,711
Under \$100,000	5,546	433,016	24,135	4,166	4,882
\$100,000 under \$150,000	3,149	382,700	24,478	2,990	20,306
\$150,000 under \$250,000	2,142	406,406	28,314	2,071	44,710
\$250,000 under \$500,000	1,374	466,883	32,883	1,325	74,792
\$500,000 under \$1,000,000	558	388,717	24,847	545	78,436
\$1,000,000 or more	274	629,380	32,270	267	191,584

See notes at end of table.

Basic Estate Data, 1916-1945

Table 1.—All Returns: Number, Total Gross Estate, Debts and Mortgages and Estate Tax, by Size of Gross Estate and Sex of Decedent, Years of Death, 1916-1945—(Continued)

[Money amounts are in thousands of current dollars]

Year of death, size of gross estate	Female decedents				
	Number of returns	Gross estate	Debts and mortgages	Taxable returns	Estate tax
	(1)	(2)	(3)	(4)	(5)
1916					
Total	570	124,581	5,206	512	3,004
Under \$100,000	273	19,274	1,083	225	1,400
\$100,000 under \$150,000	101	12,541	667	95	75
\$150,000 under \$250,000	83	15,994	516	83	179
\$250,000 under \$500,000	70	23,962	1,229	67	388
\$500,000 under \$1,000,000	30	21,342	545	29	634
\$1,000,000 or more	13	31,468	1,166	13	1,688
1917					
Total	1,896	405,942	17,895	1,718	16,912
Under \$100,000	911	65,406	3,460	766	217
\$100,000 under \$150,000	391	46,903	2,478	375	528
\$150,000 under \$250,000	277	53,255	3,057	267	840
\$250,000 under \$500,000	201	69,855	2,781	199	2,001
\$500,000 under \$1,000,000	75	52,375	3,251	72	2,131
\$1,000,000 or more	41	118,147	2,868	39	11,195
1918					
Total	2,181	495,576	27,510	1,959	23,114
Under \$100,000	1,109	80,024	4,373	942	450
\$100,000 under \$150,000	419	50,969	3,348	391	574
\$150,000 under \$250,000	303	57,425	3,591	287	1,101
\$250,000 under \$500,000	219	74,946	6,184	212	2,392
\$500,000 under \$1,000,000	83	55,575	2,198	79	2,897
\$1,000,000 or more	48	176,636	7,816	48	15,700
1919					
Total	2,472	493,805	27,268	2,107	14,879
Under \$100,000	1,260	89,267	5,066	976	282
\$100,000 under \$150,000	464	56,341	3,891	419	340
\$150,000 under \$250,000	362	69,278	3,480	341	756
\$250,000 under \$500,000	202	69,855	3,911	193	1,285
\$500,000 under \$1,000,000	123	85,766	4,138	119	2,613
\$1,000,000 or more	61	123,298	6,782	59	9,603
1920					
Total	2,856	563,429	28,359	2,322	20,808
Under \$100,000	1,527	108,327	5,671	1,107	291
\$100,000 under \$150,000	523	62,864	4,686	463	312
\$150,000 under \$250,000	389	74,476	5,202	362	722
\$250,000 under \$500,000	256	88,750	3,506	237	1,393
\$500,000 under \$1,000,000	99	67,754	3,508	93	1,680
\$1,000,000 or more	62	161,258	5,786	60	16,410
1921					
Total	2,677	551,525	32,008	2,115	13,495
Under \$100,000	1,315	92,648	6,480	910	182
\$100,000 under \$150,000	521	63,356	3,985	444	311
\$150,000 under \$250,000	389	74,623	4,322	340	618
\$250,000 under \$500,000	268	92,059	5,855	247	1,300
\$500,000 under \$1,000,000	117	78,608	4,333	111	1,836
\$1,000,000 or more	67	150,231	7,032	63	9,247
1922					
Total	3,034	606,920	32,732	2,398	17,164
Under \$100,000	1,566	110,883	6,925	1,081	228
\$100,000 under \$150,000	577	70,157	4,376	486	327
\$150,000 under \$250,000	394	75,028	5,247	362	641
\$250,000 under \$500,000	311	107,778	5,701	290	1,645
\$500,000 under \$1,000,000	120	84,190	3,998	116	2,267
\$1,000,000 or more	66	158,884	6,485	63	12,055
1923					
Total	3,310	674,932	34,400	2,622	18,685
Under \$100,000	1,675	119,146	7,392	1,155	202
\$100,000 under \$150,000	643	78,083	4,939	547	418
\$150,000 under \$250,000	426	82,033	4,701	389	712
\$250,000 under \$500,000	335	116,526	4,850	312	1,826
\$500,000 under \$1,000,000	147	102,959	2,833	140	2,639
\$1,000,000 or more	84	176,186	9,584	79	12,888
1924					
Total	3,434	819,994	38,912	2,639	41,525
Under \$100,000	1,701	120,171	7,030	1,122	186
\$100,000 under \$150,000	650	78,804	4,722	538	337
\$150,000 under \$250,000	465	88,161	5,527	412	687
\$250,000 under \$500,000	376	129,611	7,492	335	1,797
\$500,000 under \$1,000,000	146	97,674	3,400	140	2,299
\$1,000,000 or more	96	305,572	10,740	92	36,220
1925					
Total	3,691	772,059	36,300	2,895	18,483
Under \$100,000	1,847	131,715	7,862	1,237	212
\$100,000 under \$150,000	689	83,700	5,212	591	321
\$150,000 under \$250,000	526	101,128	5,128	469	674
\$250,000 under \$500,000	355	120,952	5,949	336	1,511
\$500,000 under \$1,000,000	176	121,264	5,080	170	2,662
\$1,000,000 or more	98	213,300	7,068	92	13,103

See notes at end of table.

Table 1.—All Returns: Number, Total Gross Estate, Debts and Mortgages and Estate Tax, by Size of Gross Estate and Sex of Decedent, Years of Death, 1916-1945—(Continued)

[Money amounts are in thousands of current dollars]

Year of death, size of gross estate	Female decedents (continued)				
	Number of returns	Gross estate	Debts and mortgages	Taxable returns	Estate tax
	(1)	(2)	(3)	(4)	(5)
1926					
Total	2,299	753,947	31,007	1,769	12,628
Under \$100,000	327	23,446	1,228	214	33
\$100,000 under \$150,000	684	83,357	4,166	430	87
\$150,000 under \$250,000	608	116,390	5,714	498	278
\$250,000 under \$500,000	403	139,317	7,268	369	706
\$500,000 under \$1,000,000	188	130,609	6,480	174	1,060
\$1,000,000 or more	89	260,829	6,152	84	10,464
1927					
Total	2,069	767,789	41,578	1,638	5,513
Under \$100,000	N/A	N/A	N/A	N/A	N/A
\$100,000 under \$150,000	707	86,848	3,701	446	47
\$150,000 under \$250,000	586	112,142	6,354	485	143
\$250,000 under \$500,000	463	159,693	6,288	413	566
\$500,000 under \$1,000,000	196	133,397	6,459	181	951
\$1,000,000 or more	117	275,710	18,776	113	3,807
1928					
Total	2,220	827,271	34,712	1,799	7,132
Under \$100,000	N/A	N/A	N/A	N/A	N/A
\$100,000 under \$150,000	706	86,826	4,172	462	30
\$150,000 under \$250,000	675	130,072	7,358	563	148
\$250,000 under \$500,000	493	168,516	7,508	444	844
\$500,000 under \$1,000,000	218	149,732	8,244	206	1,000
\$1,000,000 or more	128	292,125	7,431	124	5,110
1929					
Total	2,420	1,029,119	37,625	1,972	12,029
Under \$100,000	N/A	N/A	N/A	N/A	N/A
\$100,000 under \$150,000	733	90,385	3,864	475	221
\$150,000 under \$250,000	718	136,784	6,886	614	381
\$250,000 under \$500,000	539	185,767	9,427	469	573
\$500,000 under \$1,000,000	245	166,673	5,576	236	1,185
\$1,000,000 or more	185	449,510	11,872	178	9,670
1930					
Total	2,211	975,932	43,404	1,771	8,176
Under \$100,000	N/A	N/A	N/A	N/A	N/A
\$100,000 under \$150,000	706	86,894	4,974	438	31
\$150,000 under \$250,000	633	121,513	7,854	534	147
\$250,000 under \$500,000	488	170,271	9,470	441	853
\$500,000 under \$1,000,000	216	148,213	7,247	202	821
\$1,000,000 or more	168	449,040	13,859	156	6,324
1931					
Total	2,003	814,358	46,167	1,560	5,412
Under \$100,000	N/A	N/A	N/A	N/A	N/A
\$100,000 under \$150,000	645	79,139	5,296	381	19
\$150,000 under \$250,000	573	108,552	6,317	462	113
\$250,000 under \$500,000	454	156,714	7,318	408	451
\$500,000 under \$1,000,000	212	145,890	9,881	196	669
\$1,000,000 or more	119	324,063	17,356	113	4,160
1932					
Total	2,370	532,841	41,173	1,850	13,300
Under \$100,000	861	60,815	3,744	597	226
\$100,000 under \$150,000	594	72,025	4,771	447	586
\$150,000 under \$250,000	442	84,978	6,107	377	1,224
\$250,000 under \$500,000	295	100,534	8,720	262	2,046
\$500,000 under \$1,000,000	114	78,394	4,194	105	2,125
\$1,000,000 or more	64	136,095	13,636	62	7,094
1933					
Total	3,167	590,389	37,496	2,608	22,596
Under \$100,000	1,610	114,601	7,723	1,161	407
\$100,000 under \$150,000	581	70,809	5,408	529	999
\$150,000 under \$250,000	460	86,665	6,458	420	2,200
\$250,000 under \$500,000	322	108,678	5,964	308	4,289
\$500,000 under \$1,000,000	132	88,784	5,075	129	4,921
\$1,000,000 or more	62	120,852	6,868	61	9,781
1934					
Total	3,458	744,797	40,372	2,886	46,135
Under \$100,000	1,734	122,685	8,109	1,286	519
\$100,000 under \$150,000	649	78,803	5,851	586	1,167
\$150,000 under \$250,000	493	94,352	6,179	459	2,678
\$250,000 under \$500,000	341	115,961	7,451	324	5,725
\$500,000 under \$1,000,000	158	105,427	4,165	153	7,295
\$1,000,000 or more	83	227,569	6,617	78	28,752
1935					
Total	3,890	713,343	39,948	3,217	49,768
Under \$100,000	2,188	147,015	10,347	1,611	848
\$100,000 under \$150,000	633	77,153	5,398	585	1,784
\$150,000 under \$250,000	490	92,679	6,036	462	3,861
\$250,000 under \$500,000	354	121,073	6,832	341	8,280
\$500,000 under \$1,000,000	147	100,627	6,922	140	8,723
\$1,000,000 or more	78	174,795	4,414	78	26,273

See notes at end of table.

Basic Estate Data, 1916-1945

Table 1.—All Returns: Number, Total Gross Estate, Debts and Mortgages and Estate Tax, by Size of Gross Estate and Sex of Decedent, Years of Death, 1916-1945—(Continued)

[Money amounts are in thousands of current dollars]

Year of death, size of gross estate	Female decedents (continued)				
	Number of returns	Gross estate	Debts and mortgages	Taxable returns	Estate tax
	(1)	(2)	(3)	(4)	(5)
1936					
Total	5,247	915,142	46,252	4,464	89,404
Under \$100,000	3,150	197,515	12,367	2,468	1,805
\$100,000 under \$150,000	798	97,175	7,137	750	3,712
\$150,000 under \$250,000	589	112,541	6,997	555	7,218
\$250,000 under \$500,000	425	145,070	7,954	409	12,928
\$500,000 under \$1,000,000	185	125,891	4,170	183	15,047
\$1,000,000 or more	100	236,950	7,627	99	48,694
1937					
Total	5,539	883,437	48,320	4,659	75,810
Under \$100,000	3,420	212,799	14,121	2,643	1,935
\$100,000 under \$150,000	838	101,576	6,321	787	3,605
\$150,000 under \$250,000	619	118,542	8,111	588	6,965
\$250,000 under \$500,000	404	139,408	6,456	391	12,636
\$500,000 under \$1,000,000	161	110,840	6,732	156	12,274
\$1,000,000 or more	97	200,271	6,578	94	38,395
1938					
Total	5,132	871,441	55,027	4,314	82,691
Under \$100,000	3,275	204,392	12,553	2,546	1,921
\$100,000 under \$150,000	735	88,974	5,715	688	3,105
\$150,000 under \$250,000	512	97,465	5,438	489	5,816
\$250,000 under \$500,000	355	121,174	7,052	342	10,705
\$500,000 under \$1,000,000	157	107,020	4,920	155	12,295
\$1,000,000 or more	98	252,416	19,348	94	48,847
1939					
Total	5,422	860,130	40,237	4,566	74,275
Under \$100,000	3,457	213,037	12,811	2,688	1,912
\$100,000 under \$150,000	789	96,015	5,354	745	3,451
\$150,000 under \$250,000	541	102,938	6,057	514	6,183
\$250,000 under \$500,000	385	131,290	6,606	374	11,248
\$500,000 under \$1,000,000	153	102,305	4,307	151	12,399
\$1,000,000 or more	97	214,545	5,100	94	39,080
1940					
Total	5,703	899,689	44,462	4,794	92,299
Under \$100,000	3,662	224,127	12,886	2,838	2,008
\$100,000 under \$150,000	826	99,832	6,861	767	3,737
\$150,000 under \$250,000	585	111,285	6,115	568	7,138
\$250,000 under \$500,000	369	127,923	5,246	363	12,300
\$500,000 under \$1,000,000	168	115,072	5,687	167	14,660
\$1,000,000 or more	93	221,450	7,666	91	52,456
1941					
Total	5,901	920,053	50,563	4,983	102,977
Under \$100,000	3,829	237,138	14,439	2,994	3,160
\$100,000 under \$150,000	825	99,826	6,389	781	5,109
\$150,000 under \$250,000	599	114,197	5,970	580	10,127
\$250,000 under \$500,000	386	134,325	8,440	373	15,239
\$500,000 under \$1,000,000	167	115,877	6,919	162	17,119
\$1,000,000 or more	95	218,690	8,406	93	52,222
1942					
Total	5,470	905,230	50,389	4,608	119,511
Under \$100,000	3,396	216,183	11,933	2,635	4,302
\$100,000 under \$150,000	821	99,738	6,720	767	7,374
\$150,000 under \$250,000	597	113,206	5,733	571	13,933
\$250,000 under \$500,000	394	135,553	7,285	381	22,203
\$500,000 under \$1,000,000	163	111,485	6,472	159	21,263
\$1,000,000 or more	99	229,065	12,245	95	50,436
1943					
Total	4,596	918,291	36,848	3,807	121,244
Under \$100,000	2,122	163,163	7,229	1,506	1,712
\$100,000 under \$150,000	990	120,213	5,466	890	5,874
\$150,000 under \$250,000	725	138,583	7,517	686	14,479
\$250,000 under \$500,000	400	158,142	6,071	440	24,926
\$500,000 under \$1,000,000	202	138,054	5,736	190	26,267
\$1,000,000 or more	97	200,137	4,830	95	47,985
1944					
Total	5,132	1,144,098	33,628	4,336	181,231
Under \$100,000	2,310	176,958	6,605	1,661	1,796
\$100,000 under \$150,000	1,163	140,129	6,374	1,088	7,149
\$150,000 under \$250,000	802	154,003	5,583	765	16,739
\$250,000 under \$500,000	513	177,304	6,268	492	28,023
\$500,000 under \$1,000,000	221	149,947	2,986	210	28,718
\$1,000,000 or more	123	345,757	5,812	120	98,805
1945					
Total	5,944	1,226,739	37,066	5,002	182,431
Under \$100,000	2,719	210,900	7,014	2,020	2,355
\$100,000 under \$150,000	1,332	160,718	6,441	1,196	8,184
\$150,000 under \$250,000	924	176,698	6,265	859	18,799
\$250,000 under \$500,000	599	201,292	6,855	565	30,977
\$500,000 under \$1,000,000	222	153,280	5,178	216	29,811
\$1,000,000 or more	148	323,851	5,313	146	92,305

N/A — Not applicable; the filing requirement was \$100,000 during these years.

Note: Returns with gross estate under the filing requirement are not included in this table.

Data on males and females may not add to total for all decedents because the sex of some decedents is unknown.

Table 2.—All Returns: Number, Total Gross Estate and Debts and Mortgages, by Age and Sex of Decedent, Years of Death, 1919-1945

[Money amounts are in thousands of current dollars]

Year of death, age group	All decedents			Male decedents			Female decedents		
	Number of returns	Gross estate	Debts and mortgages	Number of returns	Gross estate	Debts and mortgages	Number of returns	Gross estate	Debts and mortgages
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1919									
Under 60.....	2,151	461,368	67,166	1,711	381,627	61,941	419	76,470	4,925
60 under 70.....	2,240	756,196	74,798	1,748	653,161	69,373	464	99,820	5,202
70 under 80.....	2,384	537,050	38,167	1,781	410,674	30,768	574	118,467	6,763
80 and over.....	1,422	414,245	26,758	1,001	323,889	22,658	390	86,153	3,919
Age unknown.....	2,355	468,589	40,233	1,676	348,158	33,230	625	112,895	6,459
1920									
Under 60.....	2,675	655,939	101,967	2,166	532,116	92,828	488	120,864	8,772
60 under 70.....	2,770	586,259	64,695	2,167	478,156	58,848	579	102,684	5,518
70 under 80.....	3,024	781,054	50,166	2,142	627,682	43,956	831	146,381	5,830
80 and over.....	1,831	415,570	20,482	1,258	292,201	15,174	539	117,749	4,876
Age unknown.....	1,486	261,228	24,639	1,039	180,482	20,779	419	75,751	3,363
1921									
Under 60.....	2,352	433,170	89,322	1,909	352,343	80,010	426	78,224	8,274
60 under 70.....	2,626	541,089	69,294	2,060	426,188	62,826	544	110,368	6,306
70 under 80.....	2,864	644,140	42,309	2,087	467,131	33,384	738	172,213	8,555
80 and over.....	1,723	369,149	16,456	1,146	269,419	12,662	544	94,902	3,620
Age unknown.....	1,389	272,021	31,181	940	172,804	25,663	425	95,818	5,253
1922									
Under 60.....	2,511	519,395	100,838	1,979	426,293	93,105	517	91,378	7,640
60 under 70.....	2,922	608,147	77,113	2,249	488,471	70,373	648	116,527	6,200
70 under 80.....	3,190	719,385	54,565	2,269	527,072	43,881	874	185,508	10,250
80 and over.....	1,881	536,726	53,638	1,212	384,642	48,350	637	147,515	5,136
Age unknown.....	1,168	225,384	28,512	801	157,129	24,962	358	65,992	3,506
1923									
Under 60.....	2,669	577,879	113,249	2,033	450,001	102,234	605	122,358	9,448
60 under 70.....	3,175	657,611	70,188	2,434	514,349	63,400	726	140,071	6,691
70 under 80.....	3,360	743,725	57,028	2,349	560,554	48,257	974	177,176	8,314
80 and over.....	2,085	481,054	19,889	1,323	290,885	13,076	736	186,701	6,715
Age unknown.....	879	157,877	14,933	600	107,763	11,571	269	48,626	3,232
1924									
Under 60.....	2,813	586,675	91,035	2,187	427,548	79,812	611	157,991	11,046
60 under 70.....	3,310	712,022	80,341	2,497	551,820	70,532	789	156,746	9,345
70 under 80.....	3,425	827,217	56,918	2,390	540,607	45,802	1,003	280,167	10,960
80 and over.....	2,173	493,354	20,061	1,403	325,988	15,084	754	165,184	4,931
Age unknown.....	927	172,863	22,323	639	111,851	19,395	277	59,905	2,630
1925									
Under 60.....	2,792	631,271	92,590	2,181	511,362	82,076	597	118,197	10,012
60 under 70.....	3,365	861,523	88,211	2,551	702,234	79,219	798	155,965	7,852
70 under 80.....	3,595	856,734	55,037	2,479	628,901	47,409	1,099	225,079	7,509
80 and over.....	2,259	599,989	26,065	1,385	388,862	17,980	860	208,491	8,007
Age unknown.....	1,134	228,344	22,692	782	161,400	19,704	337	64,327	2,920
1926									
Under 60.....	1,730	565,047	97,190	1,351	460,702	89,714	375	103,746	7,436
60 under 70.....	2,192	810,828	96,869	1,704	677,630	88,863	486	132,870	7,992
70 under 80.....	2,289	863,071	59,056	1,612	653,672	52,108	672	208,317	6,937
80 and over.....	1,430	661,950	21,959	862	407,615	15,886	565	253,681	6,062
Age unknown.....	664	182,922	17,595	461	127,169	14,965	201	55,333	2,581
1927									
Under 60.....	1,501	745,888	103,520	1,196	637,352	91,072	303	108,244	12,300
60 under 70.....	1,954	808,339	97,807	1,495	645,168	90,674	458	163,065	7,129
70 under 80.....	1,960	941,379	65,628	1,324	717,034	57,789	633	223,942	7,811
80 and over.....	1,239	586,545	26,720	760	375,822	15,277	478	210,473	11,442
Age unknown.....	563	194,621	21,125	366	132,556	18,230	197	62,065	2,896
1928									
Under 60.....	1,652	686,308	96,749	1,307	571,599	88,182	344	114,585	8,533
60 under 70.....	2,041	871,981	90,122	1,545	688,338	79,848	495	183,532	10,274
70 under 80.....	2,186	1,127,795	59,943	1,511	859,132	52,388	674	268,531	7,541
80 and over.....	1,367	605,777	20,964	841	403,819	15,525	525	201,474	5,425
Age unknown.....	644	326,352	26,171	460	266,869	23,187	182	59,150	2,939
1929									
Under 60.....	1,868	849,477	133,622	1,433	676,720	121,952	435	172,757	11,670
60 under 70.....	2,181	1,104,168	109,780	1,676	872,188	102,212	504	231,430	7,566
70 under 80.....	2,289	1,192,687	67,763	1,570	884,165	57,812	718	308,333	9,947
80 and over.....	1,367	696,734	21,266	824	455,820	17,270	541	240,672	3,992
Age unknown.....	713	239,805	26,199	488	163,274	21,602	222	75,927	4,451
1930									
Under 60.....	1,657	853,015	145,576	1,328	699,382	133,873	327	153,282	11,696
60 under 70.....	2,061	999,042	113,329	1,598	835,146	104,216	462	163,487	9,112
70 under 80.....	2,201	1,084,752	71,708	1,498	796,031	62,077	703	288,721	9,631
80 and over.....	1,245	619,160	23,196	724	335,478	16,061	520	283,537	7,135
Age unknown.....	621	371,888	32,685	421	284,883	26,855	199	86,905	5,830
1931									
Under 60.....	1,333	541,454	103,856	1,057	442,381	94,923	275	98,793	8,892
60 under 70.....	1,688	631,391	99,336	1,266	492,304	89,356	420	138,784	9,927
70 under 80.....	1,939	862,105	69,704	1,302	565,674	52,469	637	296,431	17,235
80 and over.....	1,204	638,824	34,513	708	425,507	27,651	494	212,613	6,411
Age unknown.....	540	169,875	20,471	360	101,638	16,706	177	67,737	3,703
1932									
Under 60.....	1,429	326,383	77,023	1,118	251,275	65,429	310	75,019	11,542
60 under 70.....	1,874	484,099	94,763	1,397	383,753	86,712	474	98,114	7,555
70 under 80.....	2,226	623,022	69,258	1,466	454,217	59,546	758	168,533	9,704
80 and over.....	1,467	379,217	23,933	863	235,099	13,804	603	143,993	10,128
Age unknown.....	614	125,427	16,019	387	78,059	13,774	225	47,181	2,244

See note at end of table.

Basic Estate Data, 1916-1945

Table 2.—All Returns: Number, Total Gross Estate and Debts and Mortgages, by Age and Sex of Decedent, Years of Death, 1919-1945—(Continued)

[Money amounts are in thousands of current dollars]

Year of death, age group	All decedents			Male decedents			Female decedents		
	Number of returns	Gross estate	Debts and mortgages	Number of returns	Gross estate	Debts and mortgages	Number of returns	Gross estate	Debts and mortgages
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1933									
Under 60.....	1,823	366,594	73,282	1,381	284,730	65,818	441	81,739	7,459
60 under 70.....	2,411	545,620	80,811	1,757	418,169	70,095	649	126,943	10,542
70 under 80.....	3,064	756,450	83,355	2,022	564,365	72,070	1,037	191,726	11,265
80 and over.....	1,893	398,022	21,156	1,094	246,997	15,710	797	150,913	5,419
Age unknown.....	722	123,137	17,836	475	83,546	14,981	243	39,068	2,811
1934									
Under 60.....	1,762	374,569	56,796	1,310	259,488	49,238	451	115,006	7,558
60 under 70.....	2,454	534,319	72,399	1,764	412,602	62,711	689	121,544	9,683
70 under 80.....	3,148	740,396	69,409	2,074	496,802	57,585	1,072	243,203	11,810
80 and over.....	1,999	445,044	24,219	1,105	260,897	17,152	888	181,438	7,013
Age unknown.....	948	190,818	21,723	587	107,040	17,368	358	83,606	4,308
1935									
Under 60.....	1,977	404,420	64,618	1,452	316,300	55,418	522	87,893	9,199
60 under 70.....	2,793	555,989	69,308	1,968	415,771	59,238	822	139,876	10,005
70 under 80.....	3,655	833,124	69,414	2,467	613,904	59,300	1,187	219,041	10,104
80 and over.....	2,234	519,439	20,366	1,300	315,458	14,119	929	202,844	5,984
Age unknown.....	1,133	182,092	18,169	700	117,876	13,502	430	63,689	4,657
1936									
Under 60.....	2,542	510,903	67,164	1,911	392,915	59,497	631	117,988	7,667
60 under 70.....	3,692	766,923	74,470	2,575	571,956	62,100	1,113	194,501	12,367
70 under 80.....	4,864	967,486	79,848	3,119	670,384	65,464	1,743	296,977	14,383
80 and over.....	2,943	633,901	28,031	1,642	393,004	20,496	1,300	240,844	7,532
Age unknown.....	1,121	164,725	16,624	659	99,769	12,321	460	64,833	4,303
1937									
Under 60.....	2,568	440,822	73,894	1,879	339,298	63,545	687	101,400	10,349
60 under 70.....	3,798	722,587	76,356	2,617	532,041	65,170	1,179	190,251	11,183
70 under 80.....	5,040	910,998	77,935	3,199	616,228	63,881	1,839	294,602	14,053
80 and over.....	3,277	577,476	26,368	1,852	346,951	16,528	1,422	230,329	9,832
Age unknown.....	939	143,788	10,344	527	76,933	7,442	412	66,855	2,902
1938									
Under 60.....	2,477	406,137	52,417	1,871	284,609	44,195	606	121,528	8,222
60 under 70.....	3,620	603,832	63,492	2,563	440,699	52,180	1,057	163,133	11,313
70 under 80.....	4,907	916,837	78,285	3,134	613,214	54,219	1,770	303,329	23,987
80 and over.....	3,098	634,673	24,633	1,712	386,687	16,118	1,381	247,656	8,485
Age unknown.....	757	83,553	7,299	438	47,658	4,224	318	35,795	3,021
1939									
Under 60.....	2,508	372,006	56,732	1,857	278,849	47,330	649	93,053	9,379
60 under 70.....	3,757	646,470	68,101	2,643	479,722	58,641	1,113	166,636	9,454
70 under 80.....	5,172	898,992	61,812	3,299	578,502	50,180	1,870	320,081	11,533
80 and over.....	3,374	667,589	27,712	1,901	424,766	19,941	1,471	242,715	7,769
Age unknown.....	769	88,601	8,674	450	50,955	6,573	319	37,645	2,101
1940									
Under 60.....	2,520	356,036	51,936	1,903	269,868	45,859	615	86,040	6,073
60 under 70.....	3,829	693,254	72,194	2,676	490,699	59,502	1,150	202,393	12,676
70 under 80.....	5,357	867,082	65,583	3,401	584,460	51,945	1,956	282,622	13,638
80 and over.....	3,663	637,647	32,330	2,014	351,288	22,505	1,647	286,225	9,821
Age unknown.....	787	95,474	7,774	450	52,964	5,519	335	42,410	2,254
1941									
Under 60.....	2,659	400,641	56,605	1,978	306,452	46,417	681	94,189	10,188
60 under 70.....	4,030	652,555	71,139	2,779	465,074	58,873	1,248	187,294	12,263
70 under 80.....	5,531	924,861	64,517	3,535	603,106	49,719	1,993	321,608	14,748
80 and over.....	3,846	674,227	33,213	2,186	395,392	21,916	1,653	278,394	11,180
Age unknown.....	737	82,053	7,000	409	43,343	4,802	326	38,568	2,184
1942									
Under 60.....	2,686	406,884	59,749	2,021	304,831	52,084	663	101,911	7,652
60 under 70.....	3,682	635,238	64,055	2,641	455,964	54,169	1,040	179,088	9,865
70 under 80.....	5,144	859,788	62,765	3,195	562,639	43,518	1,949	297,149	19,248
80 and over.....	3,516	625,070	30,477	1,967	328,346	18,890	1,547	296,621	11,583
Age unknown.....	665	72,970	6,309	394	42,510	4,268	271	30,460	2,041
1943									
Under 60.....	2,830	491,057	58,756	2,311	395,494	51,717	519	95,563	7,039
60 under 70.....	3,489	677,915	60,581	2,609	510,742	53,907	878	167,009	6,674
70 under 80.....	4,597	1,001,160	59,142	2,971	671,745	47,133	1,623	328,288	11,962
80 and over.....	3,169	721,119	31,231	1,831	430,629	21,659	1,338	290,490	9,571
Age unknown.....	665	98,941	9,599	427	61,999	7,996	238	36,941	1,602
1944									
Under 60.....	3,368	612,336	52,446	2,768	486,388	47,236	600	125,948	5,210
60 under 70.....	3,913	777,994	52,055	2,943	579,259	44,586	970	198,736	7,468
70 under 80.....	4,950	1,161,512	62,873	3,250	743,406	52,622	1,695	417,587	10,243
80 and over.....	3,538	823,341	26,502	1,944	460,119	17,461	1,592	363,051	9,040
Age unknown.....	696	98,614	6,095	419	59,659	4,413	275	38,776	1,666
1945									
Under 60.....	3,886	660,984	60,843	3,177	542,840	53,915	708	118,078	6,926
60 under 70.....	4,595	949,561	55,184	3,465	705,113	47,225	1,129	244,360	7,947
70 under 80.....	5,669	1,247,646	53,732	3,627	832,891	41,739	2,036	414,181	11,976
80 and over.....	4,010	956,975	28,846	2,230	551,045	19,909	1,775	405,523	8,886
Age unknown.....	840	119,812	5,470	544	75,215	4,139	296	44,597	1,331

Note: Returns with gross estate under the filing requirement are not included in this table.

Data on males and females may not add to total for all decedents because the sex of some decedents is unknown.

Table 3.—All Returns: Total Gross Estate, Debts and Mortgages and Estate Tax, by State of Residence, Selected Years of Death, 1920-1945

[Money amounts are in thousands of current dollars]

State of residence	Year of death							
	1920				1925			
	Number of returns	Gross estate	Debts and mortgages	Estate tax	Number of returns	Gross estate	Debts and mortgages	Estate tax
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
Total	11,786	2,700,050	261,949	124,214	13,145	3,177,861	284,595	94,295
Alabama	80	10,523	1,582	101	78	15,805	1,274	348
Arizona and New Mexico ¹	22	3,935	598	10	22	1,999	371	3
Arkansas	39	5,341	812	44	54	8,586	1,332	79
California	607	138,272	13,093	4,695	967	195,023	18,944	3,573
Colorado	111	16,162	1,723	212	112	21,546	1,863	440
Connecticut	249	77,584	8,713	2,420	327	73,395	6,719	1,159
Delaware	26	6,447	444	209	31	8,727	561	186
District of Columbia	93	28,156	1,662	1,808	123	25,977	5,249	334
Florida	71	11,783	1,912	144	194	81,995	5,867	5,430
Georgia	139	27,332	3,804	532	122	17,258	1,817	229
Idaho	18	2,987	859	16	7	1,304	76	18
Illinois	1,197	209,916	20,011	4,228	1,120	229,489	24,239	3,677
Indiana	317	41,798	3,293	784	254	38,051	4,128	469
Iowa	884	92,801	10,017	639	565	63,778	9,119	814
Kansas	196	27,586	2,023	346	176	19,715	1,009	211
Kentucky	152	18,449	1,879	149	193	33,321	3,817	483
Louisiana	70	17,123	1,848	331	89	14,775	2,039	111
Maine	66	19,552	521	1,085	103	27,030	1,054	1,767
Maryland	170	39,738	2,491	1,275	214	42,961	2,716	926
Massachusetts	627	199,780	14,200	13,267	788	191,294	11,707	4,573
Michigan	312	159,464	12,181	17,238	381	93,472	7,451	1,976
Minnesota	236	33,061	3,809	525	186	30,731	3,242	365
Mississippi	47	7,218	1,550	62	54	7,618	1,308	45
Missouri	350	61,064	5,963	1,227	343	65,271	7,113	1,041
Montana	43	5,830	733	64	20	50,953	500	8,459
Nebraska	338	37,488	3,675	333	231	25,945	1,987	150
Nevada	6	698	200	2	6	578	239	(²)
New Hampshire	85	17,240	1,602	261	85	14,448	790	213
New Jersey	456	105,270	9,227	2,843	626	232,533	13,245	8,983
New York	1,627	615,057	61,234	44,766	2,192	755,703	62,061	31,999
North Carolina	106	19,196	3,298	250	130	28,840	4,053	473
North Dakota and South Dakota ¹	153	15,163	1,901	69	75	8,832	1,074	53
Ohio	589	120,401	11,368	3,531	615	146,211	12,259	2,600
Oklahoma	43	8,850	4,807	30	72	10,681	1,142	86
Oregon	83	12,482	2,233	119	77	12,533	1,237	195
Pennsylvania	1,006	219,506	20,418	6,015	1,272	330,330	33,086	8,482
Rhode Island	92	73,067	3,787	10,703	120	35,729	2,403	922
South Carolina	77	10,592	1,661	81	71	9,800	1,539	51
Tennessee	95	14,668	2,456	149	120	22,865	2,832	297
Texas	272	49,643	6,014	1,013	296	63,778	10,517	1,240
Utah	25	4,897	1,215	93	19	2,702	622	14
Vermont	51	14,418	1,024	442	27	3,971	318	39
Virginia	140	27,821	3,465	521	160	25,816	3,229	246
Washington	93	14,682	1,446	310	81	15,110	1,486	123
West Virginia	79	14,823	1,442	327	75	15,253	2,141	219
Wisconsin	221	38,061	3,341	896	246	46,515	3,531	863
Wyoming	11	1,124	187	4	10	1,782	319	12
Other ³	16	3,002	227	47	16	7,832	964	314

See footnotes at end of table.

Basic Estate Data, 1916-1945

Table 3.—All Returns: Total Gross Estate, Debts and Mortgages and Estate Tax, by State of Residence, Selected Years of Death, 1920-1945—(Continued)

[Money amounts are in thousands of current dollars]

State of residence	Year of death							
	1930				1935			
	Number of returns	Gross estate	Debts and mortgages	Estate tax	Number of returns	Gross estate	Debts and mortgages	Estate tax
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
Total	7,785	3,927,856	386,493	44,177	11,792	2,495,064	241,875	217,317
Alabama.....	55	18,671	4,270	257	80	11,863	1,944	663
Arizona and New Mexico.....	12	2,373	292	5	30	7,653	677	871
Arkansas.....	17	4,417	917	13	30	3,544	757	284
California.....	674	267,087	22,559	2,229	1,032	171,933	24,567	9,838
Colorado.....	54	23,894	3,190	124	104	24,059	2,332	1,573
Connecticut.....	259	149,978	8,680	1,586	355	73,981	7,560	4,927
Delaware.....	26	27,552	1,640	639	33	9,301	516	1,050
District of Columbia.....	85	41,083	3,136	1,438	140	26,141	2,957	1,682
Florida.....	91	60,782	5,294	4,113	137	65,277	3,384	11,701
Georgia.....	56	16,718	1,647	62	106	15,360	1,712	776
Idaho.....	6	978	78	1	11	1,222	121	69
Illinois.....	519	215,151	28,445	1,518	706	136,568	13,667	8,883
Indiana.....	112	47,384	4,235	533	207	27,692	2,946	1,182
Iowa.....	108	23,927	4,474	43	251	21,855	3,361	417
Kansas.....	63	14,053	1,523	45	145	16,126	1,725	530
Kentucky.....	90	29,493	2,361	230	145	21,168	2,459	1,284
Louisiana.....	72	21,693	2,187	124	70	14,020	1,268	718
Maine.....	66	28,575	486	271	126	25,721	1,961	1,432
Maryland.....	137	58,562	6,381	360	219	41,238	2,256	2,859
Massachusetts.....	508	262,534	17,654	1,957	762	152,018	9,880	10,682
Michigan.....	209	119,378	12,094	1,524	272	86,697	11,669	11,712
Minnesota.....	88	52,304	2,383	1,348	167	28,513	1,688	1,833
Mississippi.....	29	7,570	2,269	40	48	7,527	1,565	363
Missouri.....	155	58,503	9,867	270	261	47,625	3,299	3,108
Montana.....	17	8,273	1,222	48	28	2,663	241	73
Nebraska.....	62	12,101	1,050	30	121	14,278	1,192	662
Nevada.....	6	1,752	372	9	—	—	—	—
New Hampshire.....	35	11,173	203	153	86	12,515	514	606
New Jersey.....	458	331,986	22,848	6,683	630	128,067	10,291	11,799
New York.....	1,660	1,139,136	106,261	12,935	2,285	634,288	57,497	64,031
North Carolina.....	47	12,509	2,380	140	82	22,734	2,411	3,562
North Dakota and South Dakota.....	24	5,765	652	10	45	4,270	194	108
Ohio.....	380	146,856	16,009	781	610	114,794	11,432	7,566
Oklahoma.....	38	10,895	1,338	128	94	12,957	3,291	301
Oregon.....	34	12,288	603	68	56	10,884	866	656
Pennsylvania.....	821	407,910	53,723	2,594	1,093	284,812	23,956	34,788
Rhode Island.....	76	38,895	1,696	260	117	31,480	2,345	2,150
South Carolina.....	29	6,286	677	11	44	5,251	505	202
Tennessee.....	58	18,445	2,744	196	100	13,798	3,605	353
Texas.....	159	50,254	6,556	368	257	40,868	7,777	2,076
Utah.....	11	2,581	214	7	17	2,368	373	89
Vermont.....	20	6,448	953	14	42	7,348	335	458
Virginia.....	95	33,472	4,999	135	161	28,190	2,538	1,953
Washington.....	61	23,377	4,642	109	121	17,188	1,935	807
West Virginia.....	48	23,175	4,777	138	69	10,410	1,724	499
Wisconsin.....	124	54,537	5,646	323	250	51,480	3,852	5,761
Wyoming.....	11	3,384	260	29	17	1,947	208	55
Other ³	20	13,697	609	280	30	5,376	525	324

See footnotes at end of table.

Table 3.—All Returns: Total Gross Estate, Debts and Mortgages and Estate Tax, by State of Residence, Selected Years of Death, 1920-1945—(Continued)

[Money amounts are in thousands of current dollars]

State of residence	Year of death							
	1940				1945			
	Number of returns	Gross estate	Debts and mortgages	Estate tax	Number of returns	Gross estate	Debts and mortgages	Estate tax
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
Total	16,156	2,649,492	229,816	252,963	19,000	3,934,978	204,074	597,177
Alabama	118	13,921	1,753	726	130	26,282	2,494	3,593
Arizona and New Mexico ¹	50	4,001	409	85	103	15,138	848	1,393
Arkansas	60	6,787	717	312	99	14,079	913	1,415
California	1,554	236,860	16,599	22,233	2,103	385,462	20,755	52,560
Colorado	144	21,411	1,490	2,152	173	45,022	1,236	10,435
Connecticut	453	117,073	12,176	11,858	534	144,763	4,456	24,018
Delaware	45	8,142	1,506	602	46	9,490	345	1,362
District of Columbia	182	30,681	3,241	2,476	178	38,971	1,531	5,346
Florida	282	48,799	4,088	4,903	375	84,421	3,926	14,190
Georgia	162	38,657	6,054	1,671	187	36,959	2,366	4,936
Idaho	26	2,824	300	82	58	6,944	854	335
Illinois	1,068	154,878	12,833	13,573	1,408	277,723	12,778	40,694
Indiana	299	45,856	4,051	3,694	403	88,255	2,276	21,882
Iowa	352	30,430	2,774	1,122	465	58,021	3,117	4,721
Kansas	252	23,175	1,816	942	319	41,480	1,229	3,679
Kentucky	201	20,224	2,184	947	224	36,096	3,114	3,792
Louisiana	155	24,726	3,029	1,646	212	35,770	3,604	3,992
Maine	151	27,238	1,501	2,525	142	23,707	1,448	2,367
Maryland	324	46,297	2,817	3,013	319	65,956	2,815	9,530
Massachusetts	1,000	176,711	9,920	19,436	862	188,351	6,187	27,669
Michigan	406	67,843	5,497	8,114	461	96,223	3,178	13,952
Minnesota	247	30,774	1,809	2,009	288	62,373	2,075	10,934
Mississippi	67	8,304	1,390	420	80	16,407	1,262	2,226
Missouri	368	56,510	5,746	3,859	454	98,836	6,304	13,326
Montana	27	2,972	181	118	53	7,636	303	702
Nebraska	157	20,385	1,233	1,065	197	32,296	1,331	3,685
Nevada	17	3,125	260	363	15	10,494	261	3,487
New Hampshire	89	11,167	534	642	114	20,113	911	1,225
New Jersey	765	121,882	11,084	9,467	850	213,933	7,332	45,132
New York	2,716	518,432	48,520	58,433	2,794	721,875	47,581	122,689
North Carolina	146	29,043	2,270	4,773	214	39,675	2,012	5,453
North Dakota and South Dakota ¹	54	4,876	310	225	66	8,477	365	647
Ohio	795	147,072	8,227	21,312	965	189,289	8,588	27,888
Oklahoma	135	16,921	2,074	1,050	164	27,237	2,167	3,212
Oregon	101	12,902	2,102	696	160	23,866	1,140	2,185
Pennsylvania	1,300	233,512	23,440	20,910	1,346	273,220	12,539	38,470
Rhode Island	166	25,341	1,329	1,672	128	28,502	758	4,460
South Carolina	78	9,854	1,631	529	107	16,918	2,029	1,492
Tennessee	147	20,564	2,419	1,318	198	34,176	2,228	3,976
Texas	449	69,322	9,701	4,991	723	141,182	13,287	17,760
Utah	23	2,862	105	175	54	9,084	712	942
Vermont	59	7,984	303	594	43	11,347	303	1,358
Virginia	252	34,942	3,084	2,602	260	49,474	3,373	7,000
Washington	175	33,666	2,653	5,947	313	51,114	2,674	5,764
West Virginia	85	11,600	1,122	851	115	19,221	1,081	2,247
Wisconsin	388	57,333	2,496	5,763	372	66,969	2,332	9,382
Wyoming	19	3,242	256	421	37	5,192	422	452
Other ³	47	8,369	784	645	89	36,956	1,236	9,219

¹ Data for residents of Arizona and New Mexico and for residents of North Dakota and South Dakota are combined to preserve the confidentiality of taxpayer information.

² Less than \$500.

³ Includes return of U.S. citizens with a place of residence in Puerto Rico, in U.S. possessions or territories, or elsewhere abroad.

Note: Returns with gross estate under the filing requirement are not included in this table.

Basic Estate Data, 1916-1945

Table 4.—All Returns: Number, Total Gross Estate by Size of Gross Estate in 1945 Dollars, Years of Death, 1916-1945

[Money amounts are in thousands of 1945 dollars]

Year of death	All returns		Size of gross estate							
			Under \$100,000		\$100,000 under \$150,000		\$150,000 under \$250,000		\$250,000 under \$500,000	
	Number	Gross estate	Number	Gross estate	Number	Gross estate	Number	Gross estate	Number	Gross estate
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
1916	2,282	936,736	248	22,967	676	82,951	566	108,824	441	152,917
1917	7,940	2,554,098	2,013	172,383	2,193	268,470	1,647	314,220	1,162	402,074
1918	9,297	2,618,573	3,531	279,595	2,201	267,411	1,589	301,279	1,157	403,855
1919	10,552	2,741,630	5,030	366,346	2,086	252,843	1,609	306,344	994	345,802
1920	11,786	2,423,744	6,752	452,400	1,987	240,607	1,409	268,635	943	325,146
1921	10,954	2,275,498	5,521	392,431	2,053	248,804	1,563	298,868	1,049	362,336
1922	11,672	2,802,402	5,335	392,296	2,344	285,453	1,787	341,214	1,261	439,277
1923	12,168	2,761,758	5,683	414,839	2,374	288,681	1,821	349,525	1,298	446,583
1924	12,648	2,935,995	5,808	423,846	2,520	305,259	1,911	365,652	1,416	490,904
1925	13,145	3,259,344	6,107	442,833	2,526	306,749	1,986	381,862	1,465	505,416
1926	8,305	3,137,149	1,006	72,516	2,372	292,976	2,118	406,399	1,603	550,561
1927	7,217	3,395,619	N/A	N/A	2,110	263,671	2,117	404,937	1,699	588,760
1928	7,890	3,796,656	N/A	N/A	2,086	263,618	2,352	450,989	1,912	668,405
1929	8,418	4,284,230	N/A	N/A	2,165	273,924	2,466	471,470	2,032	699,312
1930	7,785	4,232,604	N/A	N/A	1,926	246,479	2,384	458,575	1,872	651,311
1931	6,704	3,365,265	N/A	N/A	1,241	166,411	2,286	439,203	1,769	612,903
1932	7,610	2,553,554	1,561	128,069	1,553	195,079	1,981	378,555	1,493	511,150
1933	9,913	3,045,652	2,556	215,353	2,541	309,386	2,189	420,503	1,526	529,564
1934	10,311	3,071,433	3,060	253,267	2,561	312,797	2,168	415,380	1,425	494,536
1935	11,792	3,270,071	4,340	340,691	2,694	326,395	2,109	403,477	1,488	516,023
1936	15,162	3,948,039	6,817	498,105	2,957	360,441	2,352	451,722	1,687	579,190
1937	15,622	3,503,347	7,715	550,512	2,951	359,445	2,273	432,752	1,583	544,910
1938	14,859	3,373,766	7,288	523,531	2,891	350,775	2,130	406,029	1,511	521,550
1939	15,580	3,463,286	7,640	552,190	3,040	369,991	2,236	427,619	1,574	540,027
1940	16,156	3,401,146	8,085	579,351	3,062	372,434	2,319	441,426	1,594	548,009
1941	16,803	3,342,710	8,902	621,959	3,096	375,365	2,321	442,344	1,447	499,258
1942	15,693	2,869,703	8,701	590,049	2,817	341,561	1,993	379,558	1,330	460,820
1943	14,750	3,108,307	6,099	482,847	3,489	422,588	2,637	502,078	1,566	534,788
1944	16,465	3,551,940	6,998	550,119	3,959	479,669	2,703	515,283	1,704	581,716
1945	19,000	3,934,978	8,276	644,747	4,482	543,532	3,067	583,296	1,973	668,175

Year of death	Size of gross estate			
	\$500,000 under \$1,000,000		\$1,000,000 and over	
	Number	Gross estate	Number	Gross estate
(11)	(12)	(13)	(14)	
1916	208	143,976	143	425,101
1917	550	378,526	375	1,018,425
1918	495	343,452	324	1,022,982
1919	507	350,001	326	1,120,294
1920	402	275,199	293	861,757
1921	489	332,180	279	640,879
1922	592	410,932	353	933,231
1923	627	430,938	365	831,193
1924	620	420,255	373	930,079
1925	624	432,682	437	1,189,803
1926	739	515,662	467	1,299,035
1927	740	504,229	551	1,634,022
1928	901	624,099	639	1,789,546
1929	985	685,642	770	2,153,882
1930	872	599,635	731	2,276,603
1931	845	580,686	563	1,566,062
1932	636	435,675	386	905,026
1933	666	462,912	435	1,107,933
1934	656	449,598	441	1,145,854
1935	724	500,875	437	1,182,612
1936	817	563,183	532	1,495,397
1937	658	450,590	442	1,165,138
1938	630	437,856	409	1,134,025
1939	660	452,866	430	1,120,593
1940	703	460,737	393	973,100
1941	637	436,387	400	967,397
1942	528	358,261	324	739,454
1943	631	434,567	328	731,438
1944	724	493,556	377	931,596
1945	780	541,997	422	953,231

N/A — Not applicable; the filing requirement was \$100,000 during these years.

Notes: Returns with gross estate under the filing requirement are not included in this table.

The price index used is based on the Consumer Price Index developed by the U.S. Department of Labor, Bureau of Labor Statistics.

Table 5.—Returns for the Wealthiest 0.5 Percent of U.S. Adult Decedents: Net Worth, Percentage Distribution of Returns and Net Worth, Debts and Mortgages and Estate Tax, by Size of Net Worth, Years of Death, 1917-1945

(Money amounts are in thousands of 1945 dollars)

Year of death	All returns for top 0.5 percent of U.S. adult decedents					
	Number of returns	Percentage of returns	Net worth	Percentage of net worth	Debts and mortgages	Estate tax
	(1)	(2)	(3)	(4)	(5)	(6)
1917.....	5,145	100.0	2,087,308	100.0	163,679	85,664
1918.....	6,626	100.0	2,195,251	100.0	199,598	126,142
1919.....	4,841	100.0	2,099,223	100.0	183,606	126,883
1920.....	4,942	100.0	1,784,480	100.0	149,973	110,494
1921.....	4,483	100.0	1,603,184	100.0	145,563	63,633
1922.....	4,767	100.0	1,977,592	100.0	217,674	91,976
1923.....	5,056	100.0	1,976,663	100.0	168,161	79,141
1924.....	4,984	100.0	2,101,041	100.0	170,856	101,982
1925.....	5,163	100.0	2,394,642	100.0	179,153	95,405
1926.....	5,465	100.0	2,596,439	100.0	216,098	49,498
1927.....	5,268	100.0	2,869,275	100.0	229,072	40,604
1928.....	5,687	100.0	3,251,111	100.0	228,101	50,536
1929.....	5,763	100.0	3,613,553	100.0	280,775	49,071
1930.....	5,587	100.0	3,584,233	100.0	305,331	47,432
1931.....	5,582	100.0	2,879,921	100.0	247,188	25,634
1932.....	5,632	100.0	2,060,022	100.0	242,751	59,580
1933.....	5,586	100.0	2,330,971	100.0	217,361	135,322
1934.....	5,798	100.0	2,407,055	100.0	183,721	184,973
1935.....	5,862	100.0	2,522,333	100.0	160,466	282,753
1936.....	6,285	100.0	2,971,579	100.0	187,218	442,535
1937.....	6,188	100.0	2,528,434	100.0	182,881	313,469
1938.....	5,906	100.0	2,469,813	100.0	145,782	340,522
1939.....	6,025	100.0	2,503,294	100.0	155,264	316,476
1940.....	6,186	100.0	2,411,472	100.0	160,734	318,870
1941.....	6,084	100.0	2,331,535	100.0	159,079	364,564
1942.....	6,057	100.0	2,009,850	100.0	142,012	367,064
1943.....	6,385	100.0	2,209,892	100.0	139,240	404,984
1944.....	6,195	100.0	2,483,580	100.0	118,068	501,832
1945.....	6,199	100.0	2,610,826	100.0	112,977	562,944

Year of death	Size of net worth											
	Under \$150,000						\$150,000 under \$250,000					
	Number of returns	Percent of returns	Net worth	Percent of net worth	Debts and mortgages	Estate tax	Number of returns	Percent of returns	Net worth	Percent of net worth	Debts and mortgages	Estate tax
(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	
1917.....	1,844	35.8	227,998	10.9	27,399	1,318	1,462	28.4	278,091	13.3	30,438	3,423
1918.....	3,506	52.9	374,541	17.1	42,917	3,125	1,397	21.1	265,237	12.1	27,170	4,815
1919.....	1,844	38.1	224,344	10.7	22,842	1,628	1,365	28.2	258,746	12.3	24,978	3,106
1920.....	2,282	46.2	260,707	14.6	27,780	1,763	1,227	24.8	233,244	13.1	22,927	2,761
1921.....	1,568	35.0	195,156	12.2	20,456	1,224	1,315	29.3	251,582	15.7	25,523	2,549
1922.....	1,285	27.0	166,727	8.4	20,556	979	1,563	32.8	296,965	15.0	32,123	3,023
1923.....	1,464	29.0	187,907	9.5	19,368	1,154	1,585	31.3	305,559	15.5	31,334	2,982
1924.....	1,206	24.2	159,741	7.6	18,265	893	1,658	33.3	316,900	15.1	36,350	2,826
1925.....	1,184	22.9	157,198	6.6	18,561	934	1,753	34.0	336,508	14.1	31,887	2,673
1926.....	1,071	19.6	144,864	5.6	15,790	196	1,929	35.3	369,057	14.2	37,160	1,212
1927.....	718	13.6	100,052	3.5	10,588	112	1,875	35.6	357,909	12.5	31,807	625
1928.....	477	8.4	68,368	2.1	7,113	65	2,122	37.3	406,409	12.5	44,214	642
1929.....	139	2.4	20,542	0.6	2,364	14	2,273	39.4	435,484	12.1	46,163	876
1930.....	411	7.4	59,192	1.7	5,801	30	2,139	38.3	412,259	11.5	49,029	547
1931.....	900	16.1	124,052	4.3	14,708	74	1,954	35.0	375,576	13.0	45,150	522
1932.....	1,870	33.2	223,656	10.9	42,085	1,344	1,713	30.4	328,095	15.9	46,361	4,313
1933.....	1,554	27.8	200,362	8.6	24,551	1,979	1,814	32.5	346,914	14.9	37,513	7,720
1934.....	1,797	31.0	227,150	9.4	27,811	2,179	1,817	31.3	347,550	14.4	32,761	8,439
1935.....	1,716	29.3	218,562	8.7	25,077	3,764	1,837	31.3	351,748	13.9	32,636	13,139
1936.....	1,489	23.7	195,526	6.6	15,907	6,584	2,082	33.1	398,577	13.4	33,274	22,405
1937.....	1,825	29.5	234,231	9.3	21,316	7,608	1,988	32.1	378,550	15.0	29,813	21,701
1938.....	1,744	29.5	224,045	9.1	17,759	7,204	1,877	31.8	356,185	14.4	30,116	20,274
1939.....	1,676	27.8	218,434	8.7	17,967	6,976	1,979	32.8	379,204	15.1	28,500	21,295
1940.....	1,756	28.4	228,599	9.5	18,820	7,539	2,016	32.6	384,953	16.0	25,956	22,848
1941.....	1,817	29.9	234,218	10.0	17,550	11,856	2,028	33.3	387,519	16.6	33,626	32,848
1942.....	2,341	38.6	285,536	14.2	22,932	21,813	1,745	28.8	331,433	16.5	26,982	43,322
1943.....	1,773	27.8	234,236	10.6	19,837	15,545	2,321	36.4	440,748	19.9	28,421	51,717
1944.....	1,164	18.8	161,393	6.5	10,041	12,626	2,452	39.6	467,789	18.8	26,456	56,485
1945.....	424	6.8	61,970	2.4	3,161	5,447	2,832	45.7	537,220	20.6	29,302	65,401

See notes at end of table.

Basic Estate Data, 1916-1945

Table 5.—Returns for the Wealthiest 0.5 Percent of U.S. Decedents: Net Worth, Percentage Distribution of Returns and Net Worth, Debts and Mortgages and Estate Tax, by Size of Net Worth, Years of Death, 1917-1945—(Continued)

[Money amounts are in thousands of 1945 dollars]

Year of death	Size of net worth											
	\$250,000 under \$500,000						\$500,000 under \$1,000,000					
	Number of returns	Percent of returns	Net worth	Percent of net worth	Debts and mortgages	Estate tax	Number of returns	Percent of returns	Net worth	Percent of net worth	Debts and mortgages	Estate tax
(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	
1917	1,020	19.8	354,299	17.0	26,486	7,569	481	9.3	329,688	15.8	25,935	12,039
1918	1,018	15.4	354,979	16.2	40,897	11,538	426	6.4	298,314	13.6	25,069	15,687
1919	892	18.4	310,303	14.8	30,716	6,501	444	9.2	306,556	14.6	19,256	10,637
1920	830	16.8	287,857	16.1	28,279	5,624	351	7.1	243,614	13.7	22,948	8,087
1921	947	21.1	325,496	20.3	37,959	5,631	413	9.2	282,666	17.6	23,188	8,190
1922	1,101	23.1	382,336	19.3	40,824	6,424	509	10.7	353,541	17.9	31,092	9,880
1923	1,127	22.3	390,542	19.8	35,589	6,521	571	11.3	391,943	19.8	37,689	11,217
1924	1,260	25.3	433,570	20.6	42,489	7,330	528	10.6	360,779	17.2	23,180	10,217
1925	1,274	24.7	435,825	18.2	39,876	6,179	564	10.9	392,882	16.4	34,138	9,620
1926	1,393	25.5	476,984	18.4	44,416	2,818	668	12.2	465,448	17.9	42,736	4,778
1927	1,530	29.0	531,435	18.5	48,012	2,200	658	12.5	449,475	15.7	37,146	3,494
1928	1,707	30.0	591,934	18.2	51,887	2,828	816	14.3	566,501	17.4	45,153	4,287
1929	1,784	31.0	617,322	17.1	60,083	2,226	885	15.4	620,559	17.2	53,189	4,332
1930	1,641	29.4	572,270	16.0	53,500	2,396	754	13.5	519,922	14.5	55,165	3,627
1931	1,511	27.1	524,636	18.2	54,864	1,620	742	13.3	508,922	17.7	48,545	2,684
1932	1,222	21.7	417,426	20.3	52,489	8,362	517	9.2	356,444	17.3	30,236	10,282
1933	1,289	23.1	449,067	19.3	42,250	17,696	549	9.8	381,275	16.4	34,822	20,968
1934	1,231	21.2	425,582	17.7	34,561	20,457	556	9.6	379,477	15.8	27,850	26,616
1935	1,278	21.8	443,839	17.6	34,153	29,154	640	10.9	441,738	17.5	26,360	42,246
1936	1,516	24.1	521,632	17.6	38,209	47,190	716	11.4	492,519	16.6	27,339	59,012
1937	1,386	22.4	475,065	18.8	32,749	43,056	593	9.6	408,706	16.2	27,752	47,495
1938	1,346	22.8	464,373	18.8	32,358	41,315	557	9.4	384,674	15.6	21,470	46,218
1939	1,387	23.0	476,835	19.0	35,038	42,346	585	9.7	398,058	15.9	24,601	46,902
1940	1,427	23.1	489,887	20.3	34,006	46,317	638	10.3	434,284	18.0	28,316	54,256
1941	1,315	21.6	452,724	19.4	35,375	55,339	561	9.2	383,575	16.5	23,134	58,079
1942	1,210	20.0	416,643	20.7	27,670	76,292	466	7.7	316,944	15.8	25,269	67,480
1943	1,438	22.5	491,603	22.2	38,139	84,821	564	8.8	387,533	17.5	24,856	80,644
1944	1,555	25.1	531,338	21.4	25,746	91,531	680	11.0	463,130	18.6	21,400	96,359
1945	1,824	29.4	616,781	23.6	30,372	105,962	721	11.6	499,367	19.1	24,255	106,915

Year of death	Size of net worth					
	\$1,000,000 or more					
	Number of returns	Percent of returns	Net worth	Percent of net worth	Debts and mortgages	Estate tax
(31)	(32)	(33)	(34)	(35)	(36)	
1917	338	6.6	897,231	43.0	53,422	61,316
1918	279	4.2	902,180	41.1	63,545	90,977
1919	296	6.1	999,274	47.6	85,814	105,010
1920	252	5.1	759,058	42.5	48,039	92,259
1921	240	5.4	548,285	34.2	38,438	46,039
1922	309	6.5	778,024	39.3	93,079	77,671
1923	309	6.1	700,712	35.4	44,181	57,267
1924	332	6.7	830,052	39.5	50,572	80,716
1925	388	7.5	1,072,229	44.8	54,691	75,998
1926	404	7.4	1,140,087	43.9	75,996	40,494
1927	487	9.2	1,430,404	49.9	101,520	34,173
1928	565	9.9	1,617,900	49.8	79,734	42,713
1929	682	11.8	1,919,646	53.1	118,976	41,623
1930	642	11.5	2,020,591	56.4	141,836	40,832
1931	475	8.5	1,346,736	46.8	83,921	20,734
1932	310	5.5	734,401	35.7	71,581	35,279
1933	380	6.8	953,354	40.9	78,226	86,959
1934	397	6.8	1,027,297	42.7	60,737	127,282
1935	391	6.7	1,066,446	42.3	42,240	194,450
1936	483	7.7	1,363,326	45.9	72,488	307,345
1937	396	6.4	1,031,882	40.8	71,251	193,608
1938	382	6.5	1,040,537	42.1	44,080	225,511
1939	398	6.6	1,030,762	41.2	49,159	198,957
1940	349	5.6	873,749	36.2	53,636	187,910
1941	363	6.0	873,499	37.5	49,395	206,443
1942	295	4.9	659,293	32.8	39,159	158,156
1943	289	4.5	655,772	29.7	27,988	172,258
1944	344	5.6	859,931	34.6	34,425	244,830
1945	398	6.4	895,488	34.3	25,886	279,218

Notes: Percentages are based only on returns for the top 0.5 percent of decedents.

The price index used is based on the Consumer Price Index Developed by the U.S. Department of Labor, Bureau of Labor Statistics.

Data on the number of deaths are from U.S. Department of Commerce, Bureau of the Census, *Mortality Statistics*, annual volumes for 1916-1936 and *Vital Statistics of the United States, Part II*, annual volumes for 1937-1945. "Adult" refers to decedents age 20 years and older. Prior to 1933, deaths were not reported by every State. U.S. adult deaths for 1916-1932 are estimated by applying the death rates and percentages of decedents age 20 years and older in the death-registration States to the total U.S. mid-year populations.

Controlled Foreign Corporations, 1984: A Geographic Focus

By John J. Bradford*

Controlled Foreign Corporations (CFC's) of large, U.S. multinational firms continued their important role in the world economy during 1984. Overall, the rate of return on assets for CFC's increased from 6.6 percent for 1982 to 8.2 percent for 1984, a 24 percent jump [1]. This is perhaps an indication that the worldwide recession of the early 1980's, which limited growth and caused a decline in profits, had begun to ease by 1984.

CFC earnings and profits have generally shown the effects of the economic climate of the country in which their business is primarily conducted. This trend continued in 1984, though not for all countries. CFC's located in nations where the economic growth was strong proved to be among the more profitable. For all industrialized nations, as classified by the World Bank, there was a 3.3 percent increase in gross national product (GNP) per capita during 1984. CFC's located in Europe, a highly industrialized area, reported an increase in earnings of 33.3 percent from 1982 levels. These numbers contrast with figures for developing nations, which showed a decline in per capita GNP of 2.7 percent for 1984 [2]. CFC's incorporated in Latin America, a less industrialized area, showed a decrease in earnings of 3.1 percent from 1982. Factors such as large foreign debt and the resulting fiscal constraints limited potential for recovery in many of these nations.

Between 1982 and 1984, there was a modest increase of 6 percent in the total number of foreign corporations controlled by U.S. corporations with \$250 million or more in total assets. For 1984, more than 1,100 U.S. firms controlled over 28,500 foreign corporations and financial information was reported for 27,000 of these [3,4]. Gross business receipts of \$625 billion were recorded on assets of \$595 billion for these corporations.

Pre-tax earnings and profits for CFC's showed a substantial increase from 1982 to 1984 and the amount of foreign income taxes paid rose accordingly. Roughly \$48.6 billion in earnings before taxes were reported, an increase of 32 percent. Taxes paid rose by 40 percent to a level of \$19.7 billion for 1984. All of this occurred while gross business receipts showed an almost 4 percent decrease from 1982.

CFC's paid out \$17.4 billion as dividend distributions in 1984. As controlling shareholders, U.S. parent corporations received \$11.8 billion (68 percent) of total dividend payments.

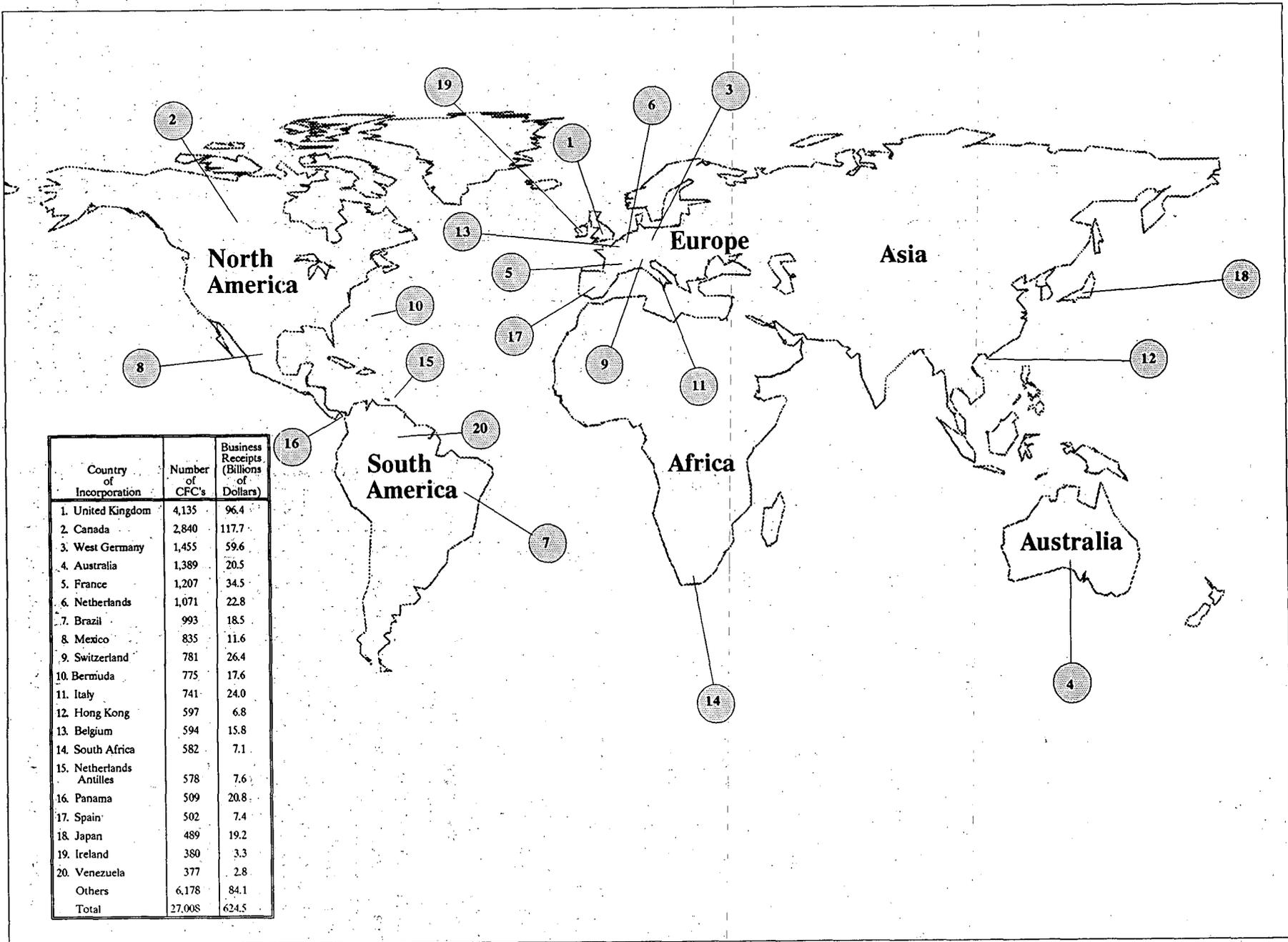
The 27,000 CFC's were incorporated in over 125 countries, but more than three-quarters were incorporated in only 20 nations (those listed in Figure A). These 20,800 CFC's also accounted for \$521 billion in assets (88 percent of the total) and \$494 billion in gross business receipts (79 percent of the total). The United Kingdom, Canada and West Germany were the most prevalent among countries of incorporation. The 8,340 CFC's from these three nations generated \$274 billion in gross business receipts and accounted for \$227.6 billion in assets.

BACKGROUND

Before World War II, relatively few U.S. corporations had operations outside of the United States, and these companies were located mainly in Canada and Western Europe [5]. After the war, however, U.S. corporations were encouraged by political and economic means, such as the Marshall Plan, to increase overseas expansion in order to aid in recovery from the war [6]. Many U.S. corporations took advantage of these new incentives as well as other factors (such as financial environment, safety of investment, and access to markets for raw materials and final products) to launch foreign opera-

*Foreign Returns Analysis Section. Prepared under the direction of Chris R. Carson, Chief.

Figure A
 Geographic Distribution of Foreign Corporations Controlled by Large U.S. Multinational Corporations,* 1984



* Large U.S. multinational corporations are those with \$250 million or more in total assets.

tions. A U.S. corporation could establish a presence in a foreign country either by using a foreign branch operation or by forming or purchasing a separate subsidiary company incorporated under the laws of that nation (i.e., a Controlled Foreign Corporation). However, in certain countries, local law required U.S. companies to use a locally-incorporated entity (CFC) in lieu of a branch operation. The reason for this was that a portion of the stock of the foreign corporation could be held by residents of the host country while the U.S. corporation held the majority of the CFC stock.

A foreign branch operation is treated as part of the U.S. corporation for U.S. tax purposes. Therefore, branch income is taxable to the U.S. corporation and is not deferrable (see below). Similarly, foreign branch losses can reduce U.S. taxes because they are deductible from domestic earnings. For this reason, U.S. corporations often utilize branch operations in industries where high "start-up" costs are expected. There are other advantages to operating through a branch rather than incorporating in a foreign nation. For example, dividend payments from CFC's to their U.S. shareholders may be subject to a withholding tax while the repatriation of branch earnings may not be subject to this tax.

Operating through a CFC has several advantages as well. First, there is the potential ability to defer U.S. taxation on CFC earnings. Except for some notable types of income, such as Subpart F (see the "Explanation of Selected Terms" section of this article for a definition of Subpart F), CFC earnings are not taxable to the parent until repatriated. Therefore, U.S. taxation may be deferred until earnings are actually paid to the shareholders. To the extent that foreign taxes are lower than U.S. taxes, this is an important reason for U.S. companies to form overseas subsidiaries. Tax strategies may be developed to take advantage of loss or low income years, excess foreign tax credits [7], or changes in U.S. tax policies. CFC's also have certain advantages because, unlike branches, they legally reside in the foreign country. This status could entitle a CFC to benefits under tax treaties into which the foreign nation has entered. In addition, the U.S. parent can be insulated from various types of liability in a foreign country through organization by CFC.

The CFC continued to be the more prevalent form of overseas operations during 1984. There were

over 1,100 U.S. giant corporations that controlled more than 27,000 CFC's and there were 307 U.S. corporations which operated roughly 2,600 foreign branches. Taxable income of foreign branches was \$14.4 billion compared to \$48.6 billion in pre-tax earnings and profits for the CFC's [8]. This comparison is limited by the extent to which taxable income differs from pre-tax earnings and profits.

Before 1960, U.S. corporations were not required to file information on foreign subsidiaries. Public Law 86-780 was passed in 1960 requiring U.S. persons to furnish, as a part of their tax return, information on any directly-controlled foreign corporation ("tier-one" subsidiary) or on a foreign corporation controlled by a directly-controlled foreign corporation ("tier-two" subsidiary). Control was defined as direct or indirect ownership of more than 50 percent of all classes of stock or more than 50 percent of the total value of all shares of stock.

Under the Revenue Act of 1962, certain types of income which were previously eligible for tax deferral were restricted. These were referred to as Subpart F income and were taxable to the U.S. shareholders of CFC's even though they may have remained undistributed. Over the years, the definition of Subpart F income has changed due to amendments to the Internal Revenue Code. These actions have reduced the tax deferral benefits of CFC's [9]. The 1962 Act also redefined the term Controlled Foreign Corporation. In general, a foreign corporation was considered controlled if more than 50 percent of the voting stock of the corporation was owned by U.S. shareholders for 30 days or more in the foreign corporation's taxable year, but only if they had at least 10 percent interest. In addition, the 1962 legislation restricted the conversion of tax-deferred accumulated earnings and profits into capital gains, thus preventing regular income from being taxed at the lower capital gains rate.

In recent years, control by a U.S. corporation was extended to lower-tier foreign corporations through a chain of control. Thus, a U.S. corporation could own more than 50 percent of a foreign corporation (first-tier) which, in turn, could own more than 50 percent of a second-tier foreign corporation, which, in turn, could own more than 50 percent of a third-tier foreign corporation, and so forth. A Form 5471 had to be filed for each of these foreign corporations.

CFC ACTIVITY BY COUNTRY OF INCORPORATION

In 1984, of the 27,000 CFC's controlled by U.S. corporations with assets of \$250 million or more, there were 20,736 that had active business operations. Of these, 13,875 companies (67 percent) reported positive earnings and profits before taxes. Total pre-tax earnings for these corporations equaled \$57.5 billion. These corporations also paid \$19.9 billion in foreign income taxes.

The effective foreign tax rate was 35 percent. This rate was calculated as the percentage of foreign taxes paid by profitable CFC's compared to their current pre-tax earnings and profits. This rate may vary from the statutory tax rate of a given country because: (1) certain earnings and profits, and the associated foreign taxes paid, were applicable to operations in countries other than the country in which the CFC was incorporated; (2) earnings and profits were computed according to U.S. tax law and do not necessarily equal the tax base upon which the foreign tax was imposed; (3) many countries taxed various types of income at different rates; and (4) many countries had progressive tax rates.

During 1984, the most predominant industrial activity of active CFC's was manufacturing, comprising 35 percent of the total. CFC's located in Europe and Latin America were the most likely to be engaged in manufacturing. For example, in several nations, more than 40 percent of active CFC's were predominantly in manufacturing industries. These included Mexico (64 percent), Spain (50 percent), Italy (48 percent), France (42 percent) and Japan (40 percent). Among Other Western Hemisphere nations (primarily Bermuda, Bahamas, and the Netherlands Antilles), the most common industrial activity was in the finance, insurance, or real estate category [10]. Specifically, these CFC's comprised 84 percent of the total number of active CFC's in the Netherlands Antilles, 68 percent in Bermuda, and 34 percent in the Bahamas [11].

Generally, the effective tax rate of a foreign country which had a finance-related majority of CFC's was low when compared to the rates of those in which manufacturing was the most common. This has evolved because certain countries are not particularly attractive as manufacturing sites for economic and other reasons. In order to encourage U.S. investment in other business activities (such as finance), these nations have provided tax incentives and other

enticements to enhance their desirability. For example, Bermuda imposed no corporate income tax and, in the Netherlands Antilles, income was generally subject only to local taxation, which was generally at a lower rate than that of most countries. Also, certain countries have entered into tax treaties with the U.S. which reduce U.S. withholding taxes on payments to CFC's located in that country. Effective tax rates remained the highest in certain developing nations, such as Bolivia (108 percent), Nigeria (76 percent), and Uganda (57 percent). In contrast, Bermuda had an effective tax rate of 6 percent and the Netherlands Antilles had a rate of 9 percent.

Overall, a total of \$17.4 billion was paid out in dividend distributions from CFC's. United Kingdom CFC's paid the highest amount, \$4.8 billion. They were followed by CFC's located in Canada (\$3.5 billion), West Germany (\$1.1 billion), and Panama (\$.6 billion).

CFC's AND THE ECONOMIC RECOVERY

By 1984, the U.S. economy had begun its rebound from the worldwide recession of the early 1980's. One indication of this recovery was the net income of U.S. giant corporations that owned CFC's, which rose from \$85.7 billion for 1982 to \$118.2 billion for 1984. This represents an increase of 37.8 percent. The recovery in other parts of the world, however, lagged behind that of the United States as indicated by the change in per capita GNP. By 1984, many of the industrialized nations had begun experiencing higher rates of growth, but most less-developed nations had not yet responded.

Overall CFC profitability (as determined by the ratio of earnings and profits, less deficits, before taxes to total assets) rose 1.6 percent from 1982 to 1984. Total CFC earnings rose from \$36.7 billion to \$48.6 billion, a 32.4 percent increase. On average, a CFC earned an 8.2 percent return on assets compared to 2.3 percent for U.S. parent corporations. Figure B compares the rates of return for CFC's from different countries as well as U.S. parent companies. These rates were determined by dividing net income of parent corporations and pre-tax earnings and profits of CFC's by their respective total assets [12]. This supports the general trend of CFC's being more profitable (as measured by rate of return on assets) than their U.S. parents [13]. Despite the overall higher rates of profitability for 1984, the percentage of CFC's reporting deficits remained stable at approximately one-third of all active CFC's.

Figure B.—Earnings Before Taxes, Total Assets and Rate of Return on Assets of U.S. Corporations and CFC's, 1982 and 1984

[Money amounts are in millions of dollars]

Selected country of incorporation	1982			1984		
	Income before taxes ¹	Total assets	Rate of return ²	Income before taxes	Total assets	Rate of return ²
	(1)	(2)	(3)	(4)	(5)	(6)
U.S. corporations	\$85,748	\$4,198,723	2.0%	\$118,654	\$5,062,765	2.3%
All CFC's	36,696	557,209	6.6	48,592	595,406	8.2
Canada	5,346	91,100	5.9	10,886	99,796	10.9
Latin America	5,326	66,796	8.0	5,164	66,544	7.8
Brazil	1,881	20,132	9.3	1,852	17,776	10.4
Mexico	-293	7,504	-3.9	824	9,422	8.7
Panama	1,730	18,561	9.3	1,295	18,890	6.9
Other Western Hemisphere	3,460	70,992	4.9	3,270	90,638	3.6
Bahamas	468	6,702	7.0	-112	7,950	-1.4
Bermuda	1,609	22,045	7.3	1,131	22,346	5.1
Netherlands Antilles	1,402	41,956	3.3	2,269	60,116	3.8
Europe	17,212	246,156	7.0	22,937	252,554	9.1
France	1,010	23,336	4.3	1,553	19,700	7.9
Netherlands	967	18,394	5.3	1,348	25,551	5.3
United Kingdom	7,762	83,330	9.3	11,508	83,826	13.7
West Germany	3,020	45,909	6.6	2,762	43,968	6.3
Africa	1,216	18,494	6.6	1,049	15,151	6.9
South Africa	515	5,212	9.9	320	4,167	7.7
Asia	3,261	35,565	9.2	3,718	39,490	9.4
Hong Kong	691	10,933	6.3	704	12,223	5.8
Japan	978	10,378	9.4	1,507	12,466	12.1
Singapore	502	4,212	11.9	356	4,422	8.0
Oceania	847	23,657	3.6	1,389	24,794	5.6
Australia	739	22,319	3.3	1,257	23,327	5.4

¹ For returns of U.S. corporations, this is "net income (less deficit)." For CFC's, it is "current earnings and profits (less deficit) before taxes."² Derived by dividing Income before taxes (columns 1 and 4) by Total assets (columns 2 and 5), respectively.³ Corporations included in this category are only those with assets of \$250 million or more and that owned CFC's.

Note: CFC data shown include only those foreign corporations controlled by U.S. corporations with \$250 million or more in total assets.

CFC's from certain nations showed extreme fluctuations in rates of return on assets from 1982 to 1984. Included among these were CFC's from Mexico, whose rate of return moved from from -3.9 percent to 8.7 percent, and the Bahamas, decreasing from 7.0 percent to -1.4 percent. Among the nations showing strong recoveries from 1982 were many with which the United States is heavily engaged in trade. In Canada, the largest U.S. trading partner, pre-tax earnings and profits of CFC's increased 103.6 percent from 1982 to 1984. Large increases in CFC earnings between these two years were also achieved in Common Market nations such as France (53.7 percent) and the United Kingdom (48.2 percent). Profitability of CFC's increased at a higher rate in regions such as Europe and Oceania than in Latin America, Africa, Asia, and Other Western Hemisphere, where there is a higher proportion of less-developed nations. CFC's located in the developing countries of the Pacific Rim, such as Hong Kong and Singapore, showed a decline in rate of return on assets of CFC's from 1982 to 1984. CFC's from African nations such as Nigeria and South Africa showed similar declines in profitability. Generally, nations with a greater degree of in-

dustrialization show higher rates of growth than other nations. One major exception to this should be noted for West Germany, where CFC's experienced a decrease in the rate of return on assets from 6.6 percent for 1982 to 6.3 percent for 1984.

CFC's AND THE MERCHANDISE TRADE BALANCE

Figure C shows a comparison of transactions between large U.S. multinational corporations and their CFC's and the U.S. merchandise trade balance for 1984. CFC purchases of stock in trade (i.e., purchases of merchandise in the ordinary course of business) from their U.S. parent groups totaled \$71.1 billion, representing 32.6 percent of all U.S. exports. Sales of stock in trade from CFC's to U.S. parent groups equaled \$54.9 billion, or 16.8 percent of all U.S. imports. As in past years, CFC merchandise transactions with their U.S. parent groups did not contribute to the U.S. merchandise trade deficit for 1984. Rather, the U.S. parent groups showed a net surplus of \$16.2 billion in trade with their foreign subsidiaries, which served to limit the overall merchandise trade deficit to \$107.8 billion [14].

Controlled Foreign Corporations, 1984

Figure C.—Purchases and Sales of Stock in Trade Between CFC's and Their U.S. Parent Groups and the U.S. Merchandise Trade Balance, by Selected Area and Country of Incorporation, 1984

[Money amounts are in millions of dollars]

Selected area and country of incorporation	U.S. parent group merchandise trade balance			U.S. merchandise trade balance ¹		
	CFC purchases from U.S. parent group (exports)	CFC sales to U.S. parent group (imports)	Surplus or deficit	Exports	Imports	Surplus or deficit
	(1)	(2)	(3)	(4)	(5)	(6)
All geographic areas	\$71,096	\$54,860	\$16,236	\$217,888	\$325,726	-\$107,838
Canada	20,368	22,005	-1,637	46,524	66,478	-19,954
Latin America	5,532	3,648	1,884	26,302	42,341	-16,039
Brazil	501	444	57	2,640	7,621	-4,981
Mexico	1,180	1,166	14	11,992	18,020	-6,028
Panama	2,824	1,186	1,638	757	328	429
Other Western Hemisphere	2,592	7,956	-5,364	3,383	5,554	-2,171
Bahamas	1,244	3,586	-2,342	555	1,173	-618
Bermuda	1,037	3,923	-2,886	225	8	217
Europe	30,668	11,405	19,263	62,207	73,307	-11,100
France	2,848	739	2,109	6,037	8,113	-2,076
Netherlands	2,256	562	1,694	7,554	4,069	3,485
Switzerland	2,512	1,541	971	2,563	3,117	-554
United Kingdom	5,883	5,781	102	12,210	14,492	-5,528
West Germany	9,828	1,264	8,564	9,084	16,996	-7,912
Africa	573	651	-78	8,827	14,355	-5,528
Liberia	(²)	212	-212	97	98	-1
South Africa	343	82	261	2,265	2,488	-223
Asia	7,772	5,669	2,103	64,533	120,132	-55,599
Hong Kong	983	592	391	3,062	8,266	-5,204
Japan	1,982	753	1,229	23,575	57,135	-33,560
Oceania	2,381	262	2,119	5,745	3,558	2,187
Australia	2,094	227	1,867	4,793	2,675	2,118

¹ U.S. Department of Commerce, Bureau of the Census, *Highlights of U.S. Export and Import Trade*, FT 990, monthly.² Less than \$500,000.

Note: CFC data shown include only those foreign corporations controlled by U.S. corporations with \$250 million or more in total assets.

The U.S. merchandise trade account showed increasingly negative figures in the years preceding 1984. For each year since 1976 there was a trade deficit, although in the years from 1982 to 1984, there was a sharp rise in the deficit levels. For 1982, the merchandise trade deficit was \$31.7 billion and by 1984, it had grown to \$107.8 billion. A geographic distribution of the trade numbers for 1984 is shown in Figure C. As in the past, Canada remained the largest trading partner of both U.S. parent groups and the United States as a whole. U.S. parent groups recorded a \$1.6 billion deficit with their Canadian CFC's, and the overall trade balance showed a \$20 billion deficit with Canada. The largest U.S. merchandise trade deficit for 1984 was with Japan, totaling \$33.6 billion. U.S. parent groups, however, reported a \$1.2 billion surplus in trade with their Japanese CFC's. Another region where parent group deficits were common was in the Other Western Hemisphere nations. Trade with CFC's in this area as a whole resulted in a \$5.4 billion U.S. parent group deficit. By comparison, the U.S. merchandise trade deficit with this region was \$2.2 billion in 1984. The parent group deficits are at least partly attributable to transactions with finance-related CFC's based in so called "tax-haven" countries.

These nations are attractive conduits for the flow of capital from a third country into the United States because of low tax withholding rates on payments to foreign persons and low effective income tax rates on foreign persons operating within the countries.

Differences in the preparation of the statistics in Figure C should be recognized. The U.S. Bureau of the Census data credit U.S. imports to the country of origin while CFC sales are based on the CFC's country of incorporation. This could explain why Panamanian CFC's, for example, reported \$1.2 billion in sales to U.S. parent groups and only \$328 million is reflected in Census data for imports from Panama. In this instance, perhaps a shipping company incorporated in Panama carried cargo from a third country into the United States. CFC data would credit the sales to Panama while the Census data would report them under the country of origin. Also, Census data are for the Calendar Year 1984; CFC data, on the other hand, reflect business activities for parent corporations whose accounting periods ended between July 1984 and June 1985 and those CFC's which had accounting periods ending therein. However, most CFC activity did occur in 1984.

RECENT INCORPORATIONS

During 1984, there were 1,086 new CFC's incorporated by U.S. giant companies. This represented an 8 percent increase over the number of new incorporations in 1983, possibly another indication of recovery from the earlier recession. Figure D shows the geographic representation of countries of incorporation for the CFC's which were incorporated in 1984.

Figure D.—1984 CFC Incorporations

[Money amounts are in millions of dollars]

Selected area and country of incorporation	Number of incorporations	Total assets	Pre-tax earnings and profits (less deficit)
	(1)	(2)	(3)
All geographic areas	1,086	\$11,098	\$32
Canada	115	1,388	12
Latin America	162	1,489	23
Other Western Hemisphere	92	3,298	39
Bermuda	45	769	-22
Netherlands Antilles	31	1,861	67
Europe	444	2,832	12
France	46	250	2
Netherlands	48	301	3
United Kingdom	134	1,432	-2
West Germany	49	209	14
Africa	45	71	-6
Asia	138	436	-50
Hong Kong	46	164	-45
Japan	44	139	4
Oceania	39	433	-4
U.S. Possessions	51	1,151	6

Note: CFC data shown include only those foreign corporations controlled by U.S. corporations with \$250 million or more in total assets.

For CFC's incorporated prior to 1984, the average asset size was \$22.5 million and the rate of return on assets averaged 8.2 percent. Newly incorporated CFC's generally have smaller assets and lower rates of profitability than more well-established companies. This trend continued for CFC's incorporated in 1984. These companies had an average asset size of \$11.1 million and a return on assets of less than 1 percent. The trend becomes even more evident when subtracting out finance-related corporations. Then, the average asset size is \$5.1 million and there is a deficit in earnings and profits of \$46 million.

European countries led the world in attracting new CFC's. However, nations in the Other Western Hemisphere category attracted new CFC's with the greatest assets. Though there were just 92 new CFC's in the Other Western Hemisphere countries, these companies held assets of \$3.3 billion. These nations also led in pre-tax earnings and profits with \$39 million. Netherlands Antilles' CFC's held the

bulk of the region's numbers in both categories, with \$1.9 billion in assets and \$67 million in reported earnings.

Figure E shows a comparison of CFC's incorporated in the last 10 years to the total number of CFC's. Traditional trading partners, such as Canada, the United Kingdom and the other Common Market nations, remain the most prevalent nations for the establishment of CFC's. Since 1974, however, there has been rapid growth in countries which previously had not had large numbers of CFC's. For example, in the Netherlands Antilles, 76 percent of the total number of CFC's owned by U.S. giant companies were established since 1974. The other three countries which had a majority of their CFC's incorporated between 1974 and 1984 are Bermuda (69 percent), Hong Kong (60 percent), and Japan (52 percent). The recent and rapid growth of incorporations in Japan reflects its rising economic status. In the other countries listed (Netherlands Antilles, Bermuda, and Hong Kong), the predominant industrial activity of the newly incorporated CFC's was finance or insurance-related. These nations, because of a lack of raw materials or for other reasons, are not suitable for the establishment of a manufacturing-based economy. Therefore, they have tried to attract finance or insurance corporations through tax incentives and other concessions. The Deficit Reduction Act of 1984 exempted most types of interest payments made to foreign persons from U.S. tax withholding. Previously, this withholding could only be reduced or eliminated through the use of a tax treaty [15].

SUMMARY

Controlled Foreign Corporations remained the predominant vehicle for large U.S. multinational corporations to conduct international operations in 1984. There were over 1,100 U.S. corporations controlling over 27,000 CFC's. These foreign subsidiaries generated pre-tax earnings and profits of \$49 billion on receipts of \$625 billion. U.S. shareholders received \$12 billion in dividend payments from CFC's.

Countries of incorporation spanned the globe but traditional U.S. trading partners such as Canada, the United Kingdom, and West Germany continued to be the most dominant. However, since 1975, several nations such as the Netherlands Antilles, Bermuda, Japan, and Hong Kong witnessed a rapid rise in the number of CFC incorporations.

Controlled Foreign Corporations, 1984

Figure E.—All Controlled Foreign Corporations Compared to Controlled Foreign Corporations Incorporated After 1974: Number and Total Assets, by Selected Country of Incorporation, 1984

[Money amounts are in millions of dollars]

Selected country of incorporation	Total number of CFC's	Total CFC assets	CFC's incorporated after 1974			
			Number	Assets	Percentage of total	
					Number	Assets
(1)	(2)	(3)	(4)	(5)	(6)	
All geographic areas	27,008	\$595,406	9,849	\$166,410	36%	28%
United Kingdom.....	4,135	83,826	1,380	16,617	33	20
Canada.....	2,840	99,796	1,028	24,792	36	25
West Germany.....	1,455	43,968	514	3,826	35	9
Australia.....	1,389	23,327	428	1,797	31	8
France.....	1,207	19,700	366	1,672	30	8
Netherlands.....	1,071	25,551	436	7,699	41	30
Brazil.....	993	17,776	401	2,613	40	15
Mexico.....	835	9,422	186	2,499	22	27
Switzerland.....	781	21,732	274	2,802	35	13
Bermuda.....	775	22,346	536	9,202	69	41
Italy.....	741	17,896	291	3,132	39	17
Hong Kong.....	597	12,223	361	3,873	60	32
Belgium.....	594	12,396	191	2,022	32	16
South Africa.....	582	4,167	142	263	24	6
Netherlands Antilles.....	578	60,116	440	48,169	76	80
Panama.....	509	18,890	210	2,644	41	14
Spain.....	502	8,766	167	2,413	33	27
Japan.....	489	12,466	255	4,103	52	33
Venezuela.....	377	3,525	28	80	7	2
Sweden.....	350	2,887	89	159	25	5

Note: CFC data shown include only those foreign corporations controlled by U.S. corporations with \$250 million or more in total assets.

In the aggregate, CFC's tended to have higher profit margins than their U.S. parent corporations. CFC's achieved an 8.2 percent rate of return on assets while the comparable rate for U.S. parent corporations was 2.3 percent. Both of these figures reflected marked improvements over their 1982 levels. This is perhaps a sign of recovery from the recession which plagued the early 1980's.

Although the U.S. merchandise trade deficit exceeded \$107.9 billion for 1984, transactions between U.S. affiliated groups and their CFC's resulted in a U.S. trade surplus of \$16.2 billion. These transactions accounted for nearly 33 percent of total U.S. exports and nearly 17 percent of total U.S. imports in 1984. Canada remained the largest U.S. trading partner and Canadian CFC's maintained the highest volume of transactions with U.S. parent corporations and their affiliates.

DATA SOURCES AND LIMITATIONS

The statistics in this article were derived from all U.S. corporation income tax returns with total assets of \$250 million or more and with accounting periods ended July 1984 through June 1985, and from attached Form(s) 5471, Information Return with Respect to a Foreign Corporation. This form replaced Form 2952, Information Return with Respect to Controlled Foreign Corporations, in 1983. Only a handful of Forms 2952 were filed for Income Year 1984 and are included in the data.

Sampling variability was not originally a factor in this study, since returns were selected at a rate of 100 percent and thus equaled the complete population. However, certain taxpayers did not provide the necessary information or provided only partial information for some CFC's. These CFC's (approximately 1,500 corporations) are not included in the data presented here and no attempt was made to weight the sample to adjust for them. For purposes of this article, the sample was considered to be the population (see footnote 3).

Not all of the information regarding CFC transactions (e.g., transactions with "unrelated" parties) is available from Statistics of Income data. However, total business receipts, earnings and profits, foreign taxes and transactions between CFC's and related parties (U.S. parent corporations and their domestic and other foreign subsidiaries) are reported as part of the parent corporation's U.S. income tax return and are included in this article.

Controlled Foreign Corporations were required to identify both their country of incorporation and principal place of business on Forms 5471. In some instances, a CFC's principal place of business differed from its country of incorporation. In other cases, a CFC's country of incorporation and principal place of business were the same, but the CFC conducted a significant portion of its business activities outside this country. The CFC's country of

incorporation and principal place of business were the same in more than 95 percent of all instances. As the statistics in this article are primarily classified by the CFC's country of incorporation, there is an undetermined amount of receipts, earnings, taxes, and transactions which are actually attributable to a country other than the country of incorporation. Additionally, the term "country" as used in this article includes not only countries, but also other separate taxation authorities, such as U.S. possessions.

Controlled Foreign Corporations were classified by their principal business activity as reported on Form 5471. As such, certain receipts, profits, and transaction items may have been related to secondary business activities. It is not possible to measure the extent of these secondary operations.

When U.S. corporations filed consolidated Forms 5471 with aggregated data for several foreign companies, follow-up requests were made in cases where large money amounts were reported in an attempt to obtain the CFC information on a disaggregated basis. More than 75 percent of these requests were successful. Where no information was received, the data were left consolidated under the country in which it was originally reported. Less than 1 percent of the CFC's included in the statistics reported contain financial information for a consolidated group of CFC's.

In some cases, sufficient detail was not provided to indicate by whom the CFC was directly controlled (i.e., by a domestic corporation or a foreign affiliate of the U.S. parent corporation). This was resolved by using the transactions they reported with related corporations to determine the recipient of any dividends. If this information was not conclusive, a previous-year record of the CFC or other reference material was used to determine the ownership.

The 1984 data are based on returns filed by U.S. corporations with full-year accounting periods ending between July 1984 and June 1985. Generally, part-year returns were deleted from the sample to avoid double counting of financial data. According to IRS regulations, a U.S. corporation had to submit a Form 5471 for any Controlled Foreign Corporation with an accounting period ending with or within the U.S. parent's accounting period. Therefore, CFC accounting periods may have ended as early as August 1983 (and, thus, began in September 1982) or as late as June 1985. However, most CFC activity did occur in Calendar Year 1984.

EXPLANATION OF SELECTED TERMS

Business Receipts of Controlled Foreign Corporations.--Business receipts were, in general, gross receipts or gross sales less returns and allowances reported for CFC's on Forms 5471. 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, rents, royalties and other investment income. This definition differs from that used for the business receipts statistics for domestic corporations which generally excludes investment income.

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. In this report, pre-tax current earnings and profits are shown. For Form 5471 purposes, the earnings and profits reported for a foreign corporation had to be calculated under U.S. accounting standards, as required by Internal Revenue regulations.

Distributions of Controlled Foreign Corporations.--The distributions of CFC's consisted mostly of dividends. Liquidating dividends may have also been included. Capital gain distributions, and distributions paid out of capital (including capital stock, paid-in capital, and capital surplus) were generally not included.

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 in which the CFC had business operations in countries other than the one in which it was incorporated.

Inactive Controlled Foreign Corporations.--Inactive Controlled Foreign Corporations were those that reported no income, deductions, or foreign income taxes paid, but which may have reported dividends paid out of prior-year earnings and profits. These dividends, plus the total assets of these CFC's, are included in the statistics.

Related Persons of Controlled Foreign Corporations.--Five categories of related persons of CFC's were shown on Forms 5471 for the purpose of

reporting transactions. They were the U.S. corporation filing the return, a domestic corporation controlled by the U.S. corporation filing the return, a foreign corporation controlled by the U.S. corporation filing the return, a 10-percent-or-more U.S. shareholder of the CFC (other than the controlling shareholder), and a 10-percent-or-more U.S. shareholder of the U.S. corporation filing the return.

Sales (and Purchases) of Stock in Trade.--These were sales (and purchases) of merchandise in the ordinary course of trade or business.

Subpart F Income.--Subpart F provisions of the Internal Revenue Service Code (section 952) allowed the United States to tax U.S. shareholders on certain types of CFC income. These earnings, although undistributed to shareholders, were deemed to have been distributed and were thereby taxable currently, generally at the same rate(s) as dividends. Subpart F income included the following for 1984: income derived from the insurance of U.S. risks; international boycott participation income; illegal bribes, kickbacks, or other payments to a government official; and "foreign base company income" (i.e., income from a foreign Personal Holding Company and certain types of sales, service, shipping and oil-related income from a foreign base company). Also includible as income from CFC's were amounts of previously excluded Subpart F income meeting certain criteria and increases in foreign corporations' earnings invested in U.S. property.

Tax Haven Countries.--Countries having tax and secrecy laws favorable to foreign individuals and organizations are generally considered to be tax havens. They attempt to attract foreign investors by offering taxation lower than that imposed by the investor's own country or by other foreign countries. The tax haven country typically benefits by collecting certain fees or by imposing taxes at a low rate.

Transactions of Controlled Foreign Corporations.--Controlled Foreign Corporation transactions were reported on Forms 5471 for five categories of related persons (described previously under "Related Persons of Controlled Foreign Corporations") which dealt with the CFC's. The transactions shown include receipts and payments for such items as stock in trade, dividends, rents and royalties, commissions, services rendered, interest, insurance premiums, and property rights.

U.S. Affiliated Groups.--The U.S. parent corporation and all of its wholly-owned domestic subsidiaries included in the filing of a consolidated U.S. income tax return.

U.S. Parent Merchandise Trade Balance.--This is the relationship between CFC purchases of stock in trade from U.S. parent groups (exports) and CFC sales of stock in trade to their U.S. parent groups (imports). The excess of exports over imports results in a surplus, while the excess of imports over exports results in a deficit. For 1984, U.S. parent groups realized a \$16.2 billion surplus with respect to merchandise trade with their CFC's.

U.S. Merchandise Trade Balance.--This is the relationship between total U.S. merchandise exports and total U.S. merchandise imports. An excess of exports results in a surplus and an excess of imports results in a deficit. The United States realized a merchandise trade deficit of \$107.8 billion for 1984.

NOTES AND REFERENCES

- [1] For purposes of this analysis, a CFC's return on assets is defined as the ratio of earnings and profits (less deficits) before taxes to total assets.
- [2] International Bank for Reconstruction and Development, *World Tables*, Baltimore: Johns Hopkins University Press, 1989.
- [3] Due to incomplete reporting of financial information on Forms 5471, approximately 1,500 Controlled Foreign Corporations (CFC's) are not included in the data. However, it is estimated that the 27,008 CFC's for which data are presented in this article represent 95 percent or more of all the financial data for the population and therefore, are comparable to 1982 data. Throughout the rest of this article, all references to the CFC population will include only the data for the 27,008 CFC's. (See also "Data Sources and Limitations" at the end of this article.)
- [4] For purposes of this article, data are included only for foreign corporations controlled by U.S. corporations with \$250 million or more in total assets. Subsequent use of the terms "large U.S. multinationals" or "U.S. giant cor-

porations" refers to this group of corporations. Historically, more than two-thirds of all U.S.-controlled foreign corporations have been controlled by U.S. giant corporations. More significantly, both the assets and business receipts of CFC's controlled by these large U.S. corporations have accounted for more than 90 percent of the total assets and business receipts of all CFC's. See statistics on Controlled Foreign Corporations for 1980 in the *Statistics of Income Bulletin*, Summer 1984, Volume 3, Number 4.

- [5] Heller, Kenneth, *The Impact of U.S. Taxation on the Financing and Earnings Remittance Decisions of U.S.-based Multinational Firms with Controlled Foreign Corporations*, Arno Press, 1980, pp. 2-3.
- [6] Heller, *Op. cit.*, pp. 3-4.
- [7] U.S. corporations and individuals may claim a credit on their U.S. taxes for certain taxes paid to foreign governments. An excess foreign tax credit is the amount of creditable foreign taxes that the corporation did not claim in the current year. This could be due to U.S. tax law limitations or deferral to future years. For further information on foreign tax credits, see Mose, Vergie, "Corporate Foreign Tax Credit, 1984," *Statistics of Income Bulletin*, Winter 1989-90, Volume 9, Number 3.
- [8] For a further discussion of income from foreign branches, refer to Mose, Vergie, "Corporate Foreign Tax Credit, 1984," *Statistics of Income Bulletin*, Winter 1989-90, Volume 9, Number 3.
- [9] More recently, the Tax Reform Act of 1986 expanded further the definition of Subpart F income. Generally, these changes apply to taxable years of foreign corporations beginning after December 31, 1986.
- [10] For Statistics of Income purposes, countries that fall under the Other Western Hemisphere

category include Bahamas, Bermuda, Netherlands Antilles, Leeward Islands, Windward Islands, Antigua, Barbuda, the French West Indies, Falkland Islands and Greenland.

- [11] For a further discussion of CFC activity by industry, see Lewis, Margaret P., "Controlled Foreign Corporations, 1984: An Industry Focus," *Statistics of Income Bulletin*, Fall 1989, Volume 9, Number 2.
- [12] There are differences in these figures which limit this comparison. Net income (before taxes), i.e., net income computed under provisions of the Internal Revenue Code, is used in place of earnings and profits for purposes of computing the U.S. parent corporations' return on assets because earnings and profits, as such, is not reported by the parent. To the extent that the concept of earnings and profits differs from that of net income, the comparison of a CFC's return on assets to the U.S. parent corporation's return on assets is limited.
- [13] Pearson, John, *Business Week*, March 22, 1985, p. 155.
- [14] U.S. Department of Commerce, Bureau of the Census, *Highlights of U.S. Export and Import Trade*, FT 990, monthly. Data from this source are based on the 1984 calendar year, while CFC data are based on accounting periods of U.S. parent corporations ended July 1984 through June 1985 and accounting periods of CFC's ending with, or within, the U.S. parent corporation's accounting period.
- [15] For a further discussion of the Deficit Reduction Act of 1984 and its effects on finance-related operations in the Netherlands Antilles, see Lewis, Margaret P., "Foreign Recipients of U.S. Income, 1984," *Statistics of Income Bulletin*, Fall 1986, Volume 6, Number 2.

Controlled Foreign Corporations, 1984

Table 1.—U.S. Corporation Returns with Total Assets of \$250 Million or More: Controlled Foreign Corporation Total Assets, Receipts, Earnings, Taxes, Distributions, and Subpart F Income, by Selected Country of Incorporation and Selected Industry of Controlled Foreign Corporation

[Money amounts are in thousands of dollars]

Selected country of incorporation and selected industry of controlled foreign corporation	Number of U.S. corporations	Controlled Foreign Corporations								
		Number of foreign corporation returns	Total assets	Business receipts	Current earnings and profits (less deficit) before taxes	Foreign corporations with current earnings and profits (+) before taxes		Foreign income taxes (net)	Actual distribution in current year	Subpart F income
						Current earnings and profits before taxes	Foreign income taxes (net)			
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
All geographic areas, total.....										
All industries, total.....	1,103	27,008	595,406,489	624,529,988	48,591,785	57,469,606	19,888,594	19,663,431	17,429,494	4,420,024
Agriculture, forestry and fishing.....	46	161	978,638	1,006,480	38,633	88,809	31,682	33,787	19,072	—
Mining.....	123	821	25,901,284	19,534,830	6,564,057	7,263,299	4,016,773	4,021,775	2,088,531	151,361
Construction.....	51	396	4,778,866	5,840,113	431,745	561,290	164,504	165,775	171,063	14,108
Manufacturing.....	571	7,259	219,484,327	341,427,774	23,123,025	27,510,932	9,923,041	9,686,985	7,396,511	845,682
Transportation and public utilities.....	156	626	16,223,121	10,011,858	641,795	1,330,717	232,909	226,388	537,151	158,425
Wholesale and retail trade.....	467	4,646	74,983,155	199,002,412	9,143,205	10,579,211	3,971,057	3,977,831	4,430,170	682,542
Finance, insurance and real estate.....	671	3,915	228,186,477	34,113,467	6,917,561	8,143,221	1,116,328	1,100,551	2,379,836	2,391,587
Services.....	399	2,571	19,436,781	12,937,029	1,658,857	1,900,428	414,495	432,473	395,550	175,611
Nature of business not allocable.....	133	341	758,852	656,025	72,907	91,700	17,805	17,866	11,610	709
Canada										
All industries, total.....	761	2,840	99,795,914	117,740,139	10,885,548	11,387,673	4,216,902	4,195,403	3,546,748	172,649
Agriculture, forestry and fishing.....	4	4	54,133	39,973	11,991	11,991	5,358	5,358	—	—
Mining.....	85	147	11,013,230	7,785,807	2,032,111	2,098,216	925,219	923,890	945,802	2,405
Construction.....	24	46	614,067	1,004,362	118,350	121,269	35,542	35,263	51,597	—
Manufacturing.....	404	777	48,561,760	81,451,382	7,251,577	7,441,940	2,746,463	2,739,060	2,060,588	93,452
Transportation and public utilities.....	61	121	5,702,587	3,727,483	308,475	360,829	126,239	115,096	50,942	—
Wholesale and retail trade.....	193	505	8,781,552	18,439,208	509,640	590,938	179,825	183,967	127,082	4,129
Finance, insurance and real estate.....	145	297	21,945,837	3,662,546	488,021	574,020	134,669	120,265	294,401	60,302
Services.....	124	279	2,202,408	1,613,333	164,845	187,182	62,937	71,870	14,822	12,361
Nature of business not allocable.....	25	34	56,637	16,044	539	1,290	650	634	1,514	—
Latin America, total										
All industries, total.....	624	4,395	66,543,615	68,071,722	5,164,258	7,012,933	1,873,808	1,940,589	1,905,702	603,824
Agriculture, forestry and fishing.....	30	81	380,612	178,441	—	14,860	2,254	2,325	2,014	—
Mining.....	56	208	3,987,140	1,327,916	239,846	442,123	85,477	87,252	183,441	69,043
Construction.....	19	51	690,670	307,248	25,166	56,371	13,571	13,998	5,679	5,344
Manufacturing.....	327	1,500	28,855,140	33,182,336	3,008,006	4,086,872	1,378,351	1,409,159	979,584	193,814
Transportation and public utilities.....	47	105	1,822,536	801,868	—	155,889	18,042	22,443	15,798	16,229
Wholesale and retail trade.....	174	529	8,309,527	25,969,143	712,664	843,402	186,144	209,444	395,306	100,089
Finance, insurance and real estate.....	209	481	19,554,043	5,066,938	816,914	989,316	124,851	130,547	252,171	190,090
Services.....	142	333	2,055,276	1,225,884	357,746	393,973	64,724	64,358	71,307	29,118
Nature of business not allocable.....	34	52	84,427	11,949	29,236	30,126	394	390	401	97
Brazil										
All industries, total.....	371	993	17,775,652	18,493,699	1,851,911	2,466,141	677,779	720,788	589,256	47,079
Agriculture, forestry and fishing.....	11	15	43,921	17,062	—	2,144	807	837	—	—
Mining.....	27	60	530,430	68,056	—	14,807	3,418	3,407	2,339	183
Construction.....	8	9	171,821	110,698	6,828	14,984	4,258	4,199	4,183	—
Manufacturing.....	202	362	10,775,822	10,068,950	1,189,123	1,633,090	504,583	519,638	490,717	28,516
Transportation and public utilities.....	8	12	16,265	10,765	347	2,322	904	1,349	538	5
Wholesale and retail trade.....	70	103	2,109,684	6,050,632	225,551	281,149	68,231	90,446	53,250	3,839
Finance, insurance and real estate.....	77	130	3,651,973	1,806,787	264,902	331,571	89,609	93,872	37,075	13,232
Services.....	71	92	384,821	359,660	173,221	186,021	5,909	6,981	1,153	1,304
Nature of business not allocable.....	9	12	20,947	1,090	—	53	60	60	—	—
Mexico										
All industries, total.....	327	835	9,422,497	11,637,194	824,093	1,056,003	543,721	552,997	160,764	13,212
Agriculture, forestry and fishing.....	5	15	12,122	9,053	435	1,228	396	420	513	—
Mining.....	8	12	58,124	49,230	—	1,095	499	—	—	12,477
Construction.....	6	7	14,705	18,549	4,513	4,915	2,109	—	1,252	—
Manufacturing.....	210	405	5,623,771	7,857,770	707,640	863,186	485,253	496,898	106,241	550
Transportation and public utilities.....	3	3	6,061	4,146	—	191	67	67	—	—
Wholesale and retail trade.....	56	83	1,342,567	1,922,677	90,600	105,650	42,625	42,865	17,116	—
Finance, insurance and real estate.....	47	59	1,878,044	1,480,551	—	23,978	30,531	5,600	31,892	185
Services.....	36	45	338,421	295,015	18,780	20,030	7,360	7,376	3,749	—
Nature of business not allocable.....	4	4	50,703	202	29,167	29,178	5	5	—	—
Panama										
All industries, total.....	196	509	18,889,886	20,833,290	1,294,847	1,507,205	231,090	235,466	646,575	393,643
Agriculture, forestry and fishing.....	—	—	—	—	—	—	—	—	—	—
Mining.....	18	53	1,598,822	318,185	155,638	192,117	21,587	22,261	119,262	49,504
Construction.....	5	12	299,202	57,729	3,436	9,202	4,850	4,884	—	—
Manufacturing.....	45	71	2,420,321	4,743,089	513,279	519,430	135,004	135,300	88,962	156,244
Transportation and public utilities.....	29	48	1,327,226	559,996	92,297	48,992	997	4,467	5,025	13,311
Wholesale and retail trade.....	47	65	2,950,505	13,948,466	216,209	226,013	26,643	26,557	231,931	77,007
Finance, insurance and real estate.....	46	71	9,812,515	1,056,610	419,672	431,754	8,141	8,140	153,367	94,475
Services.....	21	37	348,202	149,056	78,758	79,545	33,866	33,856	48,027	3,014
Nature of business not allocable.....	5	6	2,681	159	152	153	2	2	—	87

Footnotes at end of table.

Table 1.—U.S. Corporation Returns with Total Assets of \$250 Million or More: Controlled Foreign Corporation Total Assets, Receipts, Earnings, Taxes, Distributions, and Subpart F Income, by Selected Country of Incorporation and Selected Industry of Controlled Foreign Corporation—Continued

[Money amounts are in thousands of dollars]

Selected country of incorporation and selected industry of controlled foreign corporation	Number of U.S. corporations	Controlled Foreign Corporations								
		Number of foreign corporation returns	Total assets	Business receipts	Current earnings and profits (less deficit) before taxes	Foreign corporations with current earnings and profits (+) before taxes		Foreign income taxes (net)	Actual distribution in current year	Subpart F income
						Current earnings and profits before taxes	Foreign income taxes (net)			
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Venezuela										
All industries, total.....	181	377	3,524,672	2,794,877	139,460	316,423	103,158	103,089	101,857	10,657
Agriculture, forestry and fishing.....	.	.	.	.	.	.	.	.	.	.
Mining.....	*9	*9	*253,148	*103,075	*15,533	*18,936	*10,269	*10,660	*47	*2,955
Construction.....	5	5	59,293	45,264	1,462	4,363	1,366	1,366	—	—
Manufacturing.....	84	147	2,402,918	2,233,733	63,785	209,036	69,665	70,233	74,786	6,949
Transportation and public utilities.....	7	15	55,298	40,875	9,952	10,111	2,314	2,314	3,664	—
Wholesale and retail trade.....	35	44	441,648	262,163	21,561	35,090	7,581	7,886	4,684	278
Finance, insurance and real estate.....	14	20	102,934	17,775	9,108	11,397	3,104	3,140	6,968	363
Services.....	21	29	171,152	91,993	18,068	27,487	8,845	7,476	11,705	112
Nature of business not allocable.....	4	4	656	—	-8	3	15	15	2	—
Other Western Hemisphere, total										
All industries, total.....	566	1,610	90,638,424	40,799,282	3,269,817	4,321,555	355,870	356,637	920,398	2,090,179
Agriculture, forestry and fishing.....	.	.	.	.	.	.	.	.	.	.
Mining.....	*34	*100	*1,212,864	*20,391	*-42,781	*113,334	*25,690	*25,873	*64,229	*64,096
Construction.....	6	14	164,224	73,564	1,698	12,961	-16	-16	1,975	408
Manufacturing.....	47	59	3,162,671	4,169,261	-49,557	240,063	24,071	23,387	46,111	25,650
Transportation and public utilities.....	32	52	1,301,068	845,731	-52,017	55,275	737	732	12,446	5,282
Wholesale and retail trade.....	56	90	5,095,866	24,937,159	196,732	287,575	69,035	70,533	49,257	137,940
Finance, insurance and real estate.....	465	928	76,942,617	10,003,703	3,013,946	3,402,651	212,163	211,666	700,016	1,791,810
Services.....	56	83	2,418,928	565,953	201,402	209,215	24,157	24,428	46,364	64,772
Nature of business not allocable.....	13	15	26,222	—	393	481	33	33	—	222
Bahamas										
All industries, total.....	97	234	7,949,971	15,390,781	-111,831	401,217	56,517	58,209	140,396	90,934
Agriculture, forestry and fishing.....	.	.	.	.	.	.	.	.	.	.
Mining.....	7	16	594,972	78,724	23,770	55,503	4,624	4,624	40,229	49,968
Construction.....	.	.	.	.	.	.	.	.	.	.
Manufacturing.....	14	18	1,137,230	2,257,208	-176,836	67,434	16,460	16,476	35,046	12,316
Transportation and public utilities.....	13	20	585,457	486,143	-59,747	26,179	—	58	1,412	—
Wholesale and retail trade.....	20	27	1,916,197	12,004,612	30,922	85,128	17,709	19,207	22,179	2,446
Finance, insurance and real estate.....	39	58	3,051,346	254,132	-18,303	76,330	3,064	3,183	33,447	18,559
Services.....	14	24	527,767	309,138	88,418	90,331	14,661	14,661	8,083	7,511
Nature of business not allocable.....	4	4	24,035	—	250	312	—	—	—	133
Bermuda										
All industries, total.....	360	775	22,346,050	17,586,532	1,131,376	1,519,013	93,184	92,306	425,125	504,636
Agriculture, forestry and fishing.....	—	—	—	—	—	—	—	—	—	—
Mining.....	18	68	496,337	114,064	-74,015	48,887	19,271	19,454	19,400	7,735
Construction.....	3	9	82,546	70,468	12,715	12,715	-16	-16	—	408
Manufacturing.....	19	24	1,764,968	1,806,981	108,227	149,809	4,993	4,284	9,000	9,918
Transportation and public utilities.....	17	25	413,317	203,084	22,750	23,826	137	74	10,310	1,665
Wholesale and retail trade.....	32	46	2,628,030	12,113,511	99,944	132,102	49,430	49,430	27,078	108,023
Finance, insurance and real estate.....	300	467	16,128,143	3,104,490	895,873	1,080,781	15,869	15,390	325,497	364,515
Services.....	30	37	687,649	173,935	65,807	70,731	3,500	3,689	33,841	12,283
Nature of business not allocable.....	4	6	1,151	—	77	97	—	—	—	89
Netherlands Antilles										
All industries, total.....	363	578	60,116,451	7,624,978	2,268,851	2,398,867	205,808	205,788	352,177	1,494,442
Agriculture, forestry and fishing.....	.	.	.	.	.	.	.	.	.	.
Mining.....	11	12	102,832	10,298	7,806	7,912	1,696	1,696	4,600	6,393
Construction.....	.	.	.	.	.	.	.	.	.	.
Manufacturing.....	15	15	256,706	99,990	19,721	22,820	2,618	2,618	2,065	3,417
Transportation and public utilities.....	4	4	141,768	21,445	3,889	5,207	600	600	—	3,617
Wholesale and retail trade.....	11	13	539,837	765,332	63,809	68,121	1,535	1,535	—	27,304
Finance, insurance and real estate.....	279	401	57,726,967	6,645,032	2,136,521	2,245,539	193,231	193,128	341,072	1,408,736
Services.....	20	22	1,203,511	82,881	47,178	48,153	5,995	6,077	4,439	44,977
Nature of business not allocable.....	5	5	1,036	—	66	72	33	33	—	—
Europe, total										
All industries, total.....	771	12,353	252,554,023	309,494,761	22,936,539	26,829,711	10,359,804	10,104,525	8,280,034	1,107,221
Agriculture, forestry and fishing.....	12	39	150,726	213,702	18,590	23,106	11,354	11,030	3,977	—
Mining.....	59	193	7,304,172	8,295,517	3,610,258	3,738,266	2,342,128	2,344,436	838,452	50
Construction.....	32	186	2,310,998	2,882,703	173,795	227,052	62,004	63,283	58,874	442
Manufacturing.....	430	3,422	108,050,148	178,370,001	9,511,408	11,781,524	4,274,173	4,039,399	2,991,300	477,449
Transportation and public utilities.....	59	161	1,581,078	2,147,823	376,955	394,089	33,562	33,615	37,159	11,710
Wholesale and retail trade.....	347	2,481	39,111,255	98,388,519	6,306,634	7,258,853	2,918,026	2,898,463	3,283,771	253,143
Finance, insurance and real estate.....	337	1,471	82,190,403	11,516,550	2,177,138	2,505,896	504,258	491,660	907,536	306,749
Services.....	263	1,430	10,007,037	7,063,484	719,632	843,079	198,466	206,698	150,164	57,288
Nature of business not allocable.....	81	170	537,628	616,464	42,129	57,846	15,834	15,940	8,802	391

Footnotes at end of table.

Controlled Foreign Corporations, 1984

Table 1.—U.S. Corporation Returns with Total Assets of \$250 Million or More: Controlled Foreign Corporation Total Assets, Receipts, Earnings, Taxes, Distributions, and Subpart F Income, by Selected Country of Incorporation and Selected Industry of Controlled Foreign Corporation—Continued

[Money amounts are in thousands of dollars]

Selected country of incorporation and selected industry of controlled foreign corporation	Number of U.S. corporations	Controlled Foreign Corporations								
		Number of foreign corporation returns	Total assets	Business receipts	Current earnings and profits (less deficit) before taxes	Foreign corporations with current earnings and profits (+) before taxes		Foreign income taxes (net)	Actual distribution in current year	Subpart F income
						Current earnings and profits before taxes	Foreign income taxes (net)			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
Austria										
All industries, total	168	267	2,501,320	3,309,232	183,185	200,625	59,706	60,087	60,239	17,635
Agriculture, forestry and fishing.....	.	.	.	.	.	.	.	.	.	.
Mining.....	4	4	4,185	4,157	741	1,408	1,107	1,107	1,006	—
Construction.....	.	.	.	.	.	.	.	.	.	.
Manufacturing.....	57	75	872,475	1,166,151	80,904	90,769	35,549	35,405	23,843	4,481
Transportation and public utilities.....	5	6	35,792	12,624	3,704	4,204	—	170	—	—
Wholesale and retail trade.....	74	98	729,742	1,901,597	48,133	52,957	15,413	15,443	18,251	740
Finance, insurance and real estate.....	12	15	753,991	119,227	37,424	38,742	1,226	1,551	12,689	12,249
Services.....	30	35	72,131	70,153	9,736	10,001	5,262	5,262	2,844	166
Nature of business not allocable.....	.	.	.	.	.	.	.	.	.	.
Belgium										
All industries, total	303	594	12,396,043	15,837,221	511,641	789,866	267,832	239,985	218,257	65,545
Agriculture, forestry and fishing.....	.	.	.	.	.	.	.	.	.	.
Mining.....	.	.	.	.	.	.	.	.	.	.
Construction.....	*10	*11	*115,819	*83,266	*18,560	*1,872	*3,788	*3,794	*1,133	—
Manufacturing.....	152	212	6,308,628	11,780,757	351,246	553,746	208,617	180,191	188,017	55,203
Transportation and public utilities.....	10	12	7,523	3,911	749	818	189	189	—	—
Wholesale and retail trade.....	109	149	1,666,677	3,223,936	31,685	102,043	26,265	26,766	21,416	9,201
Finance, insurance and real estate.....	32	53	3,597,582	512,472	43,881	45,588	16,478	16,546	4,138	149
Services.....	66	94	682,345	204,941	38,513	41,289	12,130	12,127	3,553	992
Nature of business not allocable.....	7	7	14,509	27,937	27,009	27,662	366	372	—	—
Denmark										
All industries, total	134	208	1,776,780	3,102,316	124,194	173,997	64,321	61,851	37,273	621
Agriculture, forestry and fishing.....	—	—	—	—	—	—	—	—	—	—
Mining.....	*7	*8	*2,119	*3,934	*-3,486	*234	*98	*98	*103	—
Construction.....	.	.	.	.	.	.	.	.	.	.
Manufacturing.....	49	59	1,044,342	1,848,685	124,452	137,916	52,358	49,735	32,339	5
Transportation and public utilities.....	3	3	2,850	1,473	171	171	130	130	—	—
Wholesale and retail trade.....	55	70	561,959	1,195,926	-6,768	24,988	8,628	8,703	2,834	1
Finance, insurance and real estate.....	8	10	79,212	7,574	3,725	3,841	826	905	449	615
Services.....	19	30	81,234	44,724	5,989	116	57	57	—	—
Nature of business not allocable.....	3	3	552	—	111	—	—	—	—	—
France (including Andorra)										
All industries, total	396	1,207	19,699,801	34,520,834	1,552,693	1,874,127	802,341	793,273	526,380	39,605
Agriculture, forestry and fishing.....	3	3	4,693	6,113	813	813	194	194	—	—
Mining.....	10	12	40,678	18,386	699	7,622	215	104	60	—
Construction.....	13	27	261,436	937,065	23,194	28,823	11,111	11,427	19,628	—
Manufacturing.....	222	461	13,056,367	24,833,185	1,367,452	1,581,069	690,711	690,084	442,415	38,195
Transportation and public utilities.....	9	11	18,435	11,057	1,974	2,119	441	436	—	—
Wholesale and retail trade.....	160	329	2,817,536	7,238,693	68,206	138,908	57,778	49,524	30,124	338
Finance, insurance and real estate.....	59	89	2,820,256	411,305	51,166	58,770	16,146	15,436	17,091	1,068
Services.....	91	151	650,887	1,049,817	38,869	55,438	25,634	25,956	17,013	3
Nature of business not allocable.....	15	19	17,632	15,214	320	565	112	113	49	(¹)
Italy (including San Marino)										
All industries, total	321	741	17,896,156	23,969,229	1,543,138	1,790,373	669,357	669,156	353,619	9,457
Agriculture, forestry and fishing.....	.	.	.	.	.	.	.	.	.	.
Mining.....	*14	*15	*81,838	*60,876	*4,622	*10,833	*5,232	*5,002	*3,310	—
Construction.....	9	12	704,964	426,843	31,190	32,632	8,810	8,810	277	80
Manufacturing.....	161	311	10,232,652	17,165,909	1,226,642	1,416,702	530,646	528,552	289,548	7,051
Transportation and public utilities.....	4	4	297,457	242,310	27,143	27,143	8,494	8,494	3,008	—
Wholesale and retail trade.....	116	175	2,097,712	5,001,798	130,812	168,450	66,286	68,185	27,980	27
Finance, insurance and real estate.....	35	50	4,117,352	712,060	90,411	97,091	35,713	34,811	13,731	2,299
Services.....	51	78	364,995	356,645	31,765	35,929	13,940	15,048	15,759	—
Nature of business not allocable.....	7	7	1,514	2,588	553	595	236	236	6	—
Netherlands										
All industries, total	349	1,071	25,551,110	22,780,455	1,347,828	1,673,177	310,384	296,296	388,720	172,025
Agriculture, forestry and fishing.....	3	4	13,719	52,235	140	1,123	248	169	—	—
Mining.....	15	24	71,521	9,336	190	1,954	541	1,039	—	—
Construction.....	11	21	166,774	205,011	3,972	13,449	5,550	5,640	4,915	—
Manufacturing.....	154	257	9,000,337	15,554,887	974,941	1,142,383	225,167	216,793	133,662	122,109
Transportation and public utilities.....	22	24	330,398	193,092	64,978	66,621	6,567	6,576	24,575	2,038
Wholesale and retail trade.....	121	189	2,354,341	4,681,757	99,677	170,917	38,494	34,155	105,167	4,613
Finance, insurance and real estate.....	112	220	12,136,874	1,432,063	174,080	234,609	25,941	25,007	109,593	41,715
Services.....	64	111	1,432,239	642,381	28,636	40,844	7,780	6,857	10,808	1,527
Nature of business not allocable.....	10	17	10,366	9,694	1,215	1,276	61	61	(¹)	23

Footnotes at end of table.

Table 1.—U.S. Corporation Returns with Total Assets of \$250 Million or More: Controlled Foreign Corporation Total Assets, Receipts, Earnings, Taxes, Distributions, and Subpart F Income, by Selected Country of Incorporation and Selected Industry of Controlled Foreign Corporation—Continued

[Money amounts are in thousands of dollars]

Selected country of incorporation and selected industry of controlled foreign corporation	Number of U.S. corporations	Controlled Foreign Corporations								
		Number of foreign corporation returns	Total assets	Business receipts	Current earnings and profits (less deficit) before taxes	Foreign corporations with current earnings and profits (+) before taxes		Foreign income taxes (net)	Actual distribution in current year	Subpart F income
						Current earnings and profits before taxes	Foreign income taxes (net)			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
Norway										
All Industries, total.....	126	191	510,676	2,706,337	180,722	241,587	95,847	98,508	28,827	38,710
Agriculture, forestry and fishing.....	—	—	—	—	—	—	—	—	—	—
Mining.....	20	25	100,743	62,610	-26,444	13,234	5,011	5,026	1,432	—
Construction.....	4	4	24,903	18,837	-2,731	474	220	1,292	985	—
Manufacturing.....	37	44	719,978	1,338,086	128,037	136,483	51,426	52,491	18,190	34,710
Transportation and public utilities.....	3	3	40,459	532	9,114	9,130	5,261	5,261	—	—
Wholesale and retail trade.....	54	66	554,881	1,251,746	68,348	77,009	31,876	32,078	7,458	4,000
Finance, insurance and real estate.....	*	*	*	*	*	*	*	*	*	*
Services.....	*16	*28	*65,322	*34,525	*4,398	*5,256	*2,053	*2,360	*763	—
Nature of business not allocable.....	—	—	—	—	—	—	—	—	—	—
Spain										
All Industries, total.....	245	502	8,766,051	7,426,418	347,978	662,943	186,750	181,625	158,859	419
Agriculture, forestry and fishing.....	5	10	23,763	69,061	429	1,549	292	298	—	—
Mining.....	6	7	12,012	14,665	-1,304	3,406	1,275	1,275	384	—
Construction.....	4	7	104,474	114,177	3,964	10,318	2,886	2,886	3,387	—
Manufacturing.....	120	206	5,311,354	5,404,805	258,513	524,220	149,624	144,735	132,212	13
Transportation and public utilities.....	7	8	22,569	10,070	-502	310	49	49	—	—
Wholesale and retail trade.....	68	94	950,240	1,331,816	53,225	79,270	20,669	20,366	14,636	406
Finance, insurance and real estate.....	23	34	2,043,002	279,879	22,606	24,600	7,671	7,735	3,071	—
Services.....	*38	*49	*266,482	*201,944	*11,048	*19,270	*4,285	*4,280	*5,169	—
Nature of business not allocable.....	*	*	*	*	*	*	*	*	*	*
Sweden										
All Industries, total.....	192	350	2,837,453	4,750,250	308,637	330,836	159,191	157,447	75,568	140
Agriculture, forestry and fishing.....	—	—	—	—	—	—	—	—	—	—
Mining.....	—	—	—	—	—	—	—	—	—	—
Construction.....	—	—	—	—	—	—	—	—	—	—
Manufacturing.....	*69	*95	*1,274,851	*1,872,150	*216,305	*220,859	*127,008	*127,091	*46,257	—
Transportation and public utilities.....	4	5	7,426	2,609	151	357	64	64	—	—
Wholesale and retail trade.....	86	113	1,367,646	2,731,078	80,266	95,033	26,887	25,310	23,111	14
Finance, insurance and real estate.....	10	15	57,677	5,625	3,445	3,480	106	106	5,232	—
Services.....	27	36	120,003	138,788	8,455	11,087	5,120	4,868	968	126
Nature of business not allocable.....	5	5	1,200	—	16	20	5	7	—	—
Switzerland										
All Industries, total.....	335	781	21,732,084	26,415,104	1,687,732	1,790,875	301,521	310,773	339,130	519,641
Agriculture, forestry and fishing.....	*	*	*	*	*	*	*	*	*	*
Mining.....	*3	*3	*387	—	*-78	—	—	—	—	—
Construction.....	4	31	258,217	222,826	-850	5,671	583	716	1,848	—
Manufacturing.....	92	160	4,055,697	3,472,939	466,296	495,044	100,604	100,654	90,157	48,693
Transportation and public utilities.....	5	5	1,426	3,339	122	139	26	26	45	—
Wholesale and retail trade.....	132	214	7,820,772	21,010,208	714,687	750,843	116,712	122,690	99,224	219,561
Finance, insurance and real estate.....	108	155	8,448,633	1,102,472	367,653	397,054	54,021	56,387	117,398	199,082
Services.....	90	131	1,100,832	601,127	139,502	141,706	29,995	30,176	30,458	52,279
Nature of business not allocable.....	13	15	3,619	2,194	400	419	124	124	(¹)	26
United Kingdom										
All Industries, total.....	634	4,135	83,826,123	96,419,493	11,507,602	12,796,451	5,771,757	5,770,696	4,802,692	137,822
Agriculture, forestry and fishing.....	7	10	59,105	28,204	11,241	13,346	7,525	7,524	3,977	—
Mining.....	43	80	6,908,388	8,010,081	3,637,925	3,674,088	2,316,294	2,318,488	818,459	50
Construction.....	16	42	470,102	522,178	61,809	80,472	24,893	25,176	9,538	—
Manufacturing.....	319	787	28,484,426	50,303,576	1,823,816	2,377,468	783,453	773,250	675,079	102,756
Transportation and public utilities.....	34	55	717,857	1,591,668	264,550	276,250	11,273	11,153	8,866	9,672
Wholesale and retail trade.....	214	449	11,623,935	28,855,436	4,621,724	5,044,652	2,341,745	2,339,861	2,753,800	4,089
Finance, insurance and real estate.....	179	598	31,098,947	4,723,289	934,490	1,116,377	223,713	224,555	498,356	18,807
Services.....	176	424	3,373,054	2,360,000	156,351	212,918	62,911	70,629	34,436	2,107
Nature of business not allocable.....	37	51	91,926	25,060	-4,303	881	-50	60	182	341
West Germany										
All Industries, total.....	425	1,455	43,967,625	59,558,385	2,761,622	3,446,100	1,507,775	1,301,009	1,058,055	54,625
Agriculture, forestry and fishing.....	3	4	5,376	9,251	634	650	310	310	—	—
Mining.....	8	9	48,126	63,812	19,069	19,793	10,052	10,052	12,255	—
Construction.....	12	16	194,194	315,183	11,508	12,927	5,477	4,853	3,595	—
Manufacturing.....	253	510	24,060,170	40,014,117	1,888,348	2,418,691	1,218,805	1,037,454	788,901	54,361
Transportation and public utilities.....	15	17	115,525	72,896	4,582	6,550	941	941	664	1
Wholesale and retail trade.....	167	354	5,217,538	15,854,902	281,126	385,848	131,822	121,243	152,310	53
Finance, insurance and real estate.....	64	134	12,205,455	1,501,492	313,521	340,756	104,065	90,122	79,008	210
Services.....	99	190	1,690,957	1,159,462	215,363	234,697	21,123	21,123	12,759	—
Nature of business not allocable.....	21	29	320,515	467,269	22,471	26,187	14,924	14,911	8,564	—

Footnotes at end of table.

Controlled Foreign Corporations, 1984

Table 1.—U.S. Corporation Returns with Total Assets of \$250 Million or More: Controlled Foreign Corporation Total Assets, Receipts, Earnings, Taxes, Distributions, and Subpart F Income, by Selected Country of Incorporation and Selected Industry of Controlled Foreign Corporation—Continued

[Money amounts are in thousands of dollars]

Selected country of incorporation and selected industry of controlled foreign corporation	Number of U.S. corporations	Controlled Foreign Corporations								
		Number of foreign corporation returns	Total assets	Business receipts	Current earnings and profits (less deficit) before taxes	Foreign corporations with current earnings and profits (+) before taxes		Foreign income taxes (net)	Actual distribution in current year	Subpart F income
						Current earnings and profits before taxes	Foreign income taxes (net)			
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Africa, total										
All Industries, total	301	1,328	15,150,943	14,962,139	1,049,382	1,832,048	1,018,354	991,805	667,272	147,637
Agriculture, forestry and fishing.....	5	6	76,256	88,641	5,074	5,356	230	1,102	—	—
Mining.....	24	74	1,630,925	1,366,979	676,030	753,838	585,185	585,983	40,657	14,207
Construction.....	10	19	89,873	117,303	12,549	16,630	7,214	6,903	6,919	—
Manufacturing.....	127	263	2,883,224	4,035,083	185,706	337,712	167,473	137,701	154,588	3,655
Transportation and public utilities.....	49	109	3,472,881	1,494,288	-189,438	159,392	2,313	2,373	299,163	118,380
Wholesale and retail trade.....	80	199	2,798,857	7,294,598	376,201	445,065	227,802	228,234	130,025	4,641
Finance, insurance and real estate.....	46	130	2,607,356	419,658	-22,060	94,389	23,942	25,030	31,204	5,616
Services.....	41	75	482,822	140,375	6,126	19,463	4,144	4,424	4,516	1,174
Nature of business not allocable.....	18	24	14,513	5,214	-806	202	52	56	199	—
Liberia										
All Industries, total	86	291	6,322,948	2,165,305	-252,578	266,148	9,359	10,303	349,185	143,386
Agriculture, forestry and fishing.....	—	—	—	—	—	—	—	—	—	—
Mining.....	7	29	312,636	60,249	-28,581	33,197	—	557	21,116	14,207
Construction.....	—	—	—	—	—	—	—	—	—	—
Manufacturing.....	4	8	88,316	39,330	5,345	5,397	3,850	3,826	—	2,951
Transportation and public utilities.....	44	98	3,460,658	1,486,740	-189,986	157,902	1,818	1,877	299,163	118,380
Wholesale and retail trade.....	4	4	299,438	366,163	19,896	19,902	302	302	14,037	2,068
Finance, insurance and real estate.....	12	17	1,519,673	108,230	-67,115	35,015	3,095	3,095	14,550	5,616
Services.....	12	21	345,954	25,006	1,827	8,049	65	417	320	163
Nature of business not allocable.....	4	6	1,416	—	-530	99	—	—	—	—
South Africa (including Namibia)										
All Industries, total	212	582	4,166,745	7,083,989	320,494	487,389	271,766	271,906	214,017	194
Agriculture, forestry and fishing.....	—	—	—	—	—	—	—	—	—	—
Mining.....	7	14	30,133	23,920	1,959	5,527	2,369	3,241	2,575	—
Construction.....	5	6	26,807	91,705	11,909	12,033	6,164	6,147	6,029	—
Manufacturing.....	105	165	2,034,310	3,459,796	149,025	235,749	121,020	119,806	131,574	184
Transportation and public utilities.....	7	7	8,209	2,711	1,066	1,398	450	450	—	—
Wholesale and retail trade.....	65	85	1,254,356	3,169,766	130,114	191,638	125,814	125,474	65,106	10
Finance, insurance and real estate.....	29	83	589,711	238,945	20,154	31,584	12,270	13,183	6,056	—
Services.....	18	30	81,332	96,151	6,325	9,375	3,636	3,558	2,479	—
Nature of business not allocable.....	8	11	2,293	996	-57	85	43	47	199	—
Asia, total										
All Industries, total	505	2,381	39,489,839	45,084,714	3,718,107	4,155,637	1,386,215	1,399,370	1,512,097	212,204
Agriculture, forestry and fishing.....	5	8	126,671	111,601	22,425	22,943	10,268	10,268	8,105	—
Mining.....	28	48	360,004	377,834	75,186	93,590	44,424	44,957	3,961	1,557
Construction.....	15	59	774,149	1,244,173	92,322	109,676	40,010	40,171	40,553	7,914
Manufacturing.....	236	770	17,143,632	23,679,822	2,350,965	2,587,413	918,414	926,689	871,702	49,460
Transportation and public utilities.....	19	39	1,882,781	668,165	160,138	162,244	36,857	36,970	110,964	3,908
Wholesale and retail trade.....	214	530	6,556,699	15,512,075	731,103	781,908	269,044	267,533	375,488	136,048
Finance, insurance and real estate.....	81	244	10,899,887	1,625,380	118,432	210,176	31,145	36,073	14,652	3,237
Services.....	125	248	1,616,418	1,860,756	167,527	187,531	35,967	36,654	86,672	10,080
Nature of business not allocable.....	16	29	10,944	4,909	8	156	86	55	—	—
Hong Kong										
All Industries, total	282	597	12,223,191	6,772,075	704,134	819,175	134,912	135,046	348,785	109,234
Agriculture, forestry and fishing.....	—	—	—	—	—	—	—	—	—	—
Mining.....	3	3	10,165	12,530	8,599	9,093	—	52	256	909
Construction.....	5	6	33,213	86,085	6,985	7,059	1,209	1,208	3,072	—
Manufacturing.....	68	103	1,958,692	2,378,193	181,924	214,771	42,652	42,811	78,840	16,596
Transportation and public utilities.....	8	13	1,802,777	632,042	152,844	152,985	35,519	35,519	110,426	3,908
Wholesale and retail trade.....	99	142	1,568,584	2,407,617	213,281	223,481	28,216	28,138	138,687	74,581
Finance, insurance and real estate.....	55	113	6,401,934	970,891	80,912	147,540	12,023	12,133	3,471	3,230
Services.....	61	78	354,380	284,717	59,529	64,184	15,265	15,156	14,032	10,011
Nature of business not allocable.....	6	9	8,686	—	59	61	28	28	—	—
Japan (including Okinawa and Ryukyu)										
All Industries, total	280	489	12,465,704	19,243,618	1,507,235	1,578,538	830,256	831,498	534,721	68,569
Agriculture, forestry and fishing.....	—	—	—	—	—	—	—	—	—	—
Mining.....	—	—	—	—	—	—	—	—	—	—
Construction.....	5	5	74,357	117,948	17,787	18,396	11,128	11,128	893	—
Manufacturing.....	117	175	6,445,214	8,214,119	1,110,741	1,151,378	624,414	625,931	354,670	8,670
Transportation and public utilities.....	3	3	7,773	5,986	-73	1,713	1,033	1,145	311	—
Wholesale and retail trade.....	116	149	3,687,862	10,412,605	346,014	368,875	169,026	167,445	165,042	59,900
Finance, insurance and real estate.....	21	32	1,878,993	257,263	10,234	21,186	8,387	8,894	4,637	—
Services.....	50	62	364,599	235,433	22,581	25,935	16,127	16,843	9,168	—
Nature of business not allocable.....	7	9	572	265	-48	55	42	11	—	—

Footnotes at end of table.

Table 1.—U.S. Corporation Returns with Total Assets of \$250 Million or More: Controlled Foreign Corporation Total Assets, Receipts, Earnings, Taxes, Distributions, and Subpart F Income, by Selected Country of Incorporation and Selected Industry of Controlled Foreign Corporation—Continued

(Money amounts are in thousands of dollars)

Selected country of incorporation and selected industry of controlled foreign corporation	Number of U.S. corporations	Controlled Foreign Corporations								
		Number of foreign corporation returns	Total assets	Business receipts	Current earnings and profits (less deficit) before taxes	Foreign corporations with current earnings and profits (+) before taxes		Foreign income taxes (net)	Actual distribution in current year	Subpart F income
						Current earnings and profits before taxes	Foreign income taxes (net)			
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Philippines										
All industries, total	93	136	1,541,417	2,119,186	124,874	162,232	59,698	65,959	11,954	598
Agriculture, forestry and fishing.....	4	4	54,682	56,603	5,437	5,954	4,324	4,324	354	—
Mining.....	*	*	—	—	—	—	—	—	—	—
Construction.....	3	3	4,468	4,126	-488	470	125	125	36	—
Manufacturing.....	54	61	1,148,793	1,860,954	112,796	142,450	52,282	54,848	11,526	270
Transportation and public utilities.....	*	*	—	—	—	—	—	—	—	—
Wholesale and retail trade.....	19	23	66,005	80,851	8,136	9,194	2,626	2,632	3	327
Finance, insurance and real estate.....	9	14	229,932	86,758	-4,841	175	79	3,768	—	(1)
Services.....	9	9	31,589	29,839	3,905	3,979	262	262	35	—
Nature of business not allocable.....	*	*	—	—	—	—	—	—	—	—
Oceania, total										
All industries, total	409	1,709	24,793,848	22,724,806	1,388,828	1,721,058	617,054	612,643	562,861	73,893
Agriculture, forestry and fishing.....	10	13	154,336	364,610	3,167	8,731	1,993	3,479	4,976	—
Mining.....	31	54	410,613	177,691	-25,852	24,973	8,749	8,811	11,989	2
Construction.....	10	21	134,887	210,760	7,865	17,332	6,180	6,174	5,465	—
Manufacturing.....	205	442	9,040,848	12,087,470	832,052	974,267	398,876	396,369	281,983	2,180
Transportation and public utilities.....	14	22	238,272	204,406	25,111	28,678	10,586	10,586	10,381	245
Wholesale and retail trade.....	124	249	3,773,057	7,688,456	242,832	302,770	100,354	98,797	53,284	36,883
Finance, insurance and real estate.....	89	251	10,343,107	1,612,964	284,142	317,430	68,240	66,405	177,158	33,762
Services.....	76	145	515,975	377,003	27,120	45,295	21,321	21,265	16,931	820
Nature of business not allocable.....	10	13	25,044	1,446	1,390	1,580	755	758	694	—
Australia										
All industries, total	394	1,389	23,327,255	20,499,758	1,257,208	1,566,171	551,002	547,202	532,213	73,510
Agriculture, forestry and fishing.....	10	13	154,336	364,610	3,167	8,731	1,993	3,479	4,976	—
Mining.....	30	45	354,504	160,245	-27,048	19,452	8,749	8,810	11,989	2
Construction.....	6	13	119,425	174,405	13,128	14,675	5,097	5,117	4,935	—
Manufacturing.....	200	353	8,657,910	11,458,199	771,827	915,741	373,634	372,839	264,065	2,097
Transportation and public utilities.....	12	20	230,487	201,579	25,074	28,598	10,550	10,550	10,381	245
Wholesale and retail trade.....	110	196	3,297,110	6,334,712	193,867	250,532	72,263	69,579	44,752	36,583
Finance, insurance and real estate.....	81	214	9,841,648	1,452,329	252,736	285,721	57,201	55,365	173,736	33,762
Services.....	70	130	493,739	352,234	23,068	41,140	20,760	20,704	16,685	820
Nature of business not allocable.....	10	13	25,044	1,446	1,390	1,580	755	758	694	—
Puerto Rico and U.S. Possessions, total										
All industries, total	162	376	6,438,158	5,652,425	179,306	208,992	60,587	62,459	34,382	12,383
Agriculture, forestry and fishing.....	4	7	18,203	8,690	772	779	126	126	—	—
Mining.....	—	—	—	—	—	—	—	—	—	—
Construction.....	—	—	—	—	—	—	—	—	—	—
Manufacturing.....	23	26	1,786,903	4,452,420	41,867	61,140	15,221	15,221	10,656	22
Transportation and public utilities.....	14	17	221,919	122,093	13,763	14,320	4,572	4,572	299	2,671
Wholesale and retail trade.....	32	63	556,342	773,254	67,399	68,699	20,827	20,858	15,956	9,669
Finance, insurance and real estate.....	41	131	3,703,226	205,729	41,027	49,344	17,060	18,905	2,698	21
Services.....	23	29	137,917	90,240	14,459	14,690	2,780	2,776	4,773	—
Nature of business not allocable.....	3	3	2,048	—	19	19	—	—	—	—

¹ Less than \$500.

* Data deleted or combined to avoid disclosure of information on individual corporations.

Controlled Foreign Corporations, 1984

Table 2.—Number of U. S. Corporation Returns with Total Assets of \$250 Million or More: Number, Total Assets, Receipts, Earnings, Taxes, Distributions, and Selected Transactions of Their Controlled Foreign Corporations, by Selected Country of Incorporation of Controlled Foreign Corporation

(Money amounts are in thousands of dollars)

Selected country of incorporation of controlled foreign corporation	Number of U.S. corporation returns	Controlled Foreign Corporations						
		Number of foreign corporation returns	Total assets	Business receipts	Current earnings and profits (less deficit) before taxes	Net taxes	Actual distributions in current year	Subpart F income
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
All geographic areas, total	1,103	27,008	595,406,489	624,529,988	48,591,785	19,663,431	17,429,494	4,420,024
Canada	761	2,840	99,795,914	117,740,139	10,885,548	4,195,403	3,546,748	172,649
Latin America, total	624	4,395	66,543,615	68,071,722	5,164,258	1,940,589	1,905,702	603,824
Mexico	327	835	9,422,497	11,637,194	824,093	552,997	160,764	13,212
Central America, total.....	243	841	20,439,675	22,350,601	1,389,665	279,266	687,990	394,037
Costa Rica	64	101	397,426	407,338	6,246	10,061	5,799	(¹)
El Salvador	22	29	100,454	173,574	9,824	2,949	11,202	378
Guatemala	62	98	584,010	409,488	49,449	10,886	15,553	16
Honduras	29	69	408,111	470,762	23,480	-13,233	-6,839	—
Nicaragua	22	26	50,858	44,827	8,903	6,414	1,468	—
Panama	196	509	18,889,886	20,833,290	1,294,847	235,466	646,575	393,643
Caribbean countries, total	231	471	6,904,915	2,080,590	532,915	57,884	87,264	135,752
Cayman Islands (British)	158	285	6,026,613	1,597,675	405,657	36,695	75,955	116,218
Dominican Republic	30	52	386,700	161,470	72,926	13,165	2,832	—
Jamaica	40	57	81,582	74,006	6,763	3,842	2,571	—
South America, total	440	2,247	29,776,529	32,003,337	2,417,584	1,050,442	969,684	60,823
Argentina	165	303	4,189,898	4,616,407	25,490	21,911	91,607	2,544
Bolivia	19	23	30,864	36,448	-9,239	445	—	—
Brazil	371	993	17,775,652	18,493,699	1,851,911	720,788	589,256	47,079
Chile	97	140	1,267,548	1,335,081	127,676	58,113	79,830	149
Colombia	92	134	1,887,114	3,388,675	210,220	91,641	72,953	393
Ecuador	48	69	365,166	299,038	50,432	14,944	8,217	—
Peru	80	123	474,464	693,040	38,086	35,288	18,725	—
Uruguay	45	62	233,556	270,098	-20,100	2,632	6,008	(¹)
Venezuela	181	377	3,524,672	2,794,877	139,460	103,089	101,857	10,657
Other Western Hemisphere, total	566	1,610	90,638,424	40,799,282	3,269,817	356,637	920,398	2,090,179
Bahamas	97	234	7,949,971	15,390,781	-111,831	58,209	140,396	90,934
Bermuda	360	775	22,346,050	17,586,532	1,131,376	92,306	425,125	504,636
Netherlands Antilles	363	578	60,116,451	7,624,978	2,268,851	205,788	352,177	1,494,442
Europe, total	771	12,353	252,554,023	309,494,761	22,936,539	10,104,525	8,280,034	1,107,221
Common Market countries, total	753	9,961	213,118,312	261,451,172	19,915,540	9,205,619	7,537,182	507,363
Belgium	303	594	12,396,043	15,837,221	511,641	239,985	218,257	65,545
Denmark	134	208	1,776,780	3,102,316	124,194	61,851	37,273	621
France (including Andorra).....	396	1,207	19,699,801	34,520,834	1,552,693	793,273	526,380	39,605
Greece	69	91	363,942	978,341	8,608	7,294	7,269	(¹)
Ireland	172	380	3,949,672	3,399,273	474,026	26,693	113,661	19,872
Italy (including San Marino).....	321	741	17,896,156	23,969,229	1,543,138	669,156	353,619	9,457
Luxembourg	55	77	3,690,504	885,624	84,086	39,311	31,256	7,791
Netherlands	349	1,071	25,551,110	22,780,455	1,347,828	296,296	388,720	172,025
United Kingdom	634	4,135	83,826,123	96,419,493	11,507,602	5,770,696	4,802,692	137,822
West Germany	425	1,455	43,967,625	59,558,385	2,761,622	1,301,009	1,058,055	54,625
Other West European countries, total	458	2,376	39,418,816	48,026,567	3,016,245	895,611	742,855	599,858
Austria	168	267	2,501,320	3,309,232	183,185	60,087	60,239	17,635
Finland	89	100	986,685	1,485,917	103,054	45,658	35,600	512
Liechtenstein	32	39	329,939	252,559	92,855	2,582	21,818	22,726
Norway	126	191	1,510,676	2,706,337	180,722	98,508	28,827	38,710
Portugal	60	106	555,089	1,106,274	74,842	25,907	10,497	11
Spain	245	502	8,766,051	7,426,418	347,978	181,625	158,859	419
Sweden	192	350	2,837,453	4,750,250	308,637	157,447	75,568	140
Switzerland	335	781	21,732,084	26,415,104	1,687,732	310,773	339,130	519,641
Turkey	15	21	138,820	463,313	28,876	11,045	3,823	—
East European countries, total	8	15	16,894	17,023	4,754	3,294	—	—
Africa, total	301	1,328	15,150,943	14,962,139	1,049,382	991,805	667,272	147,673
Egypt	17	17	186,401	356,841	28,823	7,653	12,960	948
Kenya	38	52	278,365	401,575	61,448	26,845	21,797	—
Liberia	86	291	6,322,948	2,165,305	-252,578	10,303	349,185	143,386
Morocco	16	19	113,550	81,402	6,328	3,496	821	—
Nigeria	50	67	2,727,744	2,177,045	824,374	633,708	33,559	2,563
South Africa (including Namibia).....	212	582	4,166,745	7,083,989	320,494	271,906	214,017	194
Zaire	17	21	116,202	153,026	22,879	10,113	2,935	—
Zimbabwe	38	65	140,805	171,238	30,480	15,778	10,002	—
Asia, total	505	2,381	39,489,839	45,084,714	3,718,107	1,399,370	1,512,097	212,204
China	24	29	391,976	1,162,254	72,780	15,800	13,120	45
Hong Kong	282	597	12,223,191	6,772,075	704,134	135,046	348,785	109,234
India	23	34	402,724	584,546	62,703	40,224	10,046	2
Indonesia	50	63	435,877	460,359	87,990	51,021	22,271	2
Israel	32	58	1,228,677	322,576	19,474	7,682	5,884	—
Japan	280	489	12,465,704	19,243,618	1,507,235	831,498	534,721	68,569
Malaysia	112	170	1,515,836	3,059,592	73,512	59,781	59,781	130
Philippines	93	136	1,541,417	2,119,186	124,874	65,959	11,954	598
Saudi Arabia	25	29	1,043,870	1,402,816	128,013	15,226	101,043	151
Singapore	226	364	4,422,246	4,550,530	355,822	54,169	269,236	32,534
South Korea	36	43	508,225	525,315	69,068	17,532	20,568	—
Taiwan	85	120	1,400,373	1,846,838	184,247	27,521	45,309	55
Thailand	85	117	1,191,502	2,016,941	86,076	29,191	35,830	15
Oceania, total	409	1,709	24,793,848	22,724,806	1,388,828	612,643	562,861	73,893
Australia	394	1,389	23,327,255	20,499,758	1,257,208	547,202	532,213	73,510
New Zealand	156	289	1,341,438	2,070,379	124,439	64,878	26,432	303
Puerto Rico and U.S. Possessions, total ..	162	376	6,438,158	5,652,425	179,306	62,459	34,382	12,383
Puerto Rico	117	290	4,766,749	4,316,203	143,108	50,164	33,253	1,062
U.S. possessions, total	65	86	1,671,409	4,336,222	36,199	12,294	1,129	11,321
Virgin Islands, U.S.	49	62	1,653,731	4,315,976	33,368	11,891	755	8,650

Footnote at end of table.

Controlled Foreign Corporations, 1984

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Table 2.—Number of U. S. Corporation Returns with Total Assets of \$250 Million or More: Number, Total Assets, Receipts, Earnings, Taxes, Distributions, and Selected Transactions of Their Controlled Foreign Corporations, by Selected Country of Incorporation of Controlled Foreign Corporation—Continued

(Money amounts are in thousands of dollars)

Selected country of incorporation of Controlled Foreign Corporation	Controlled Foreign Corporations								
	Selected receipts by foreign corporations from:								
	All related persons	U.S. corporation filing returns and domestic corporation controlled by the U.S. corporation filing the return				Any foreign corporation controlled by the U.S. corporation filing return			
		Total	Sales of stock in trade	Compensation received for certain services	Interest, rents, and royalties received	Total	Sales of stock in trade	Compensation received for certain services	Interest, rents, and royalties received
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	
All geographic areas, total	83,528,175	68,589,582	54,859,629	4,208,307	7,207,392	14,648,044	873,549	3,718,226	3,734,962
Canada	25,050,722	22,574,438	22,004,788	325,162	131,752	2,427,370	130,267	270,330	592,231
Latin America, total	6,338,727	4,973,104	3,648,411	398,383	599,051	1,358,995	160,869	111,533	640,136
Mexico	1,391,435	1,284,197	1,166,339	44,626	56,795	106,533	7,395	24,398	33,374
Central America, total	2,373,112	1,729,437	1,377,055	43,006	222,209	640,705	120,118	21,825	240,505
Costa Rica	80,566	76,731	73,603	168	2,370	3,836	3,099	290	93
El Salvador	1,514	2	—	—	—	1,512	—	865	2
Guatemala	55,684	53,374	50,197	1,032	50	2,311	—	1,355	675
Honduras	68,270	67,455	67,383	—	72	815	—	169	624
Nicaragua	200	—	—	—	—	200	—	—	—
Panama	2,166,741	1,531,739	1,185,735	41,806	219,717	632,032	117,019	19,147	239,111
Caribbean countries, total	555,063	501,231	297,420	19,578	143,478	51,820	19,614	9,112	14,144
Cayman Islands (British)	500,423	452,482	260,578	9,746	142,514	45,928	19,614	9,053	8,313
Dominican Republic	1,109	1,066	853	72	18	43	—	31	12
Jamaica	8,170	7,990	7,034	—	945	180	—	28	152
South America, total	2,019,116	1,458,239	807,597	291,172	176,568	559,937	13,742	56,198	352,114
Argentina	173,574	147,206	124,364	13,337	2,422	26,369	1,720	12,703	2,546
Bolivia	907	907	646	21	—	—	—	—	—
Brazil	1,440,969	1,026,108	443,949	268,455	167,635	414,232	11,713	23,551	322,471
Chile	38,197	11,230	8,375	510	1,607	26,967	—	282	665
Colombia	104,388	83,319	70,072	3,169	1,238	21,030	89	5,599	9,739
Ecuador	4,878	4,320	3,241	409	209	557	—	109	437
Peru	15,243	11,535	7,499	1,345	17	3,708	10	1,134	734
Uruguay	1,946	1,106	17	246	798	840	49	684	66
Venezuela	238,060	172,044	149,435	3,398	2,565	65,746	161	12,135	15,451
Other Western Hemisphere, total	14,632,154	13,634,530	7,955,772	51,375	4,654,743	882,373	7,654	38,898	441,862
Bahamas	3,879,508	3,725,969	3,566,099	10,417	78,458	144,111	—	8,943	77,726
Bermuda	5,439,961	4,969,706	3,922,992	37,613	184,925	469,866	7,654	27,115	158,754
Netherlands Antilles	5,303,982	4,933,879	441,750	3,345	4,394,559	264,669	—	526	203,822
Europe, total	23,988,165	15,399,022	11,404,527	2,162,714	1,369,356	8,511,909	310,195	2,880,892	1,705,345
Common Market countries, total	20,290,604	12,945,583	9,537,352	1,787,345	1,273,639	7,276,977	197,104	2,587,164	1,437,060
Belgium	1,311,122	627,969	429,784	82,562	80,478	680,846	40,527	553,235	49,671
Denmark	68,351	32,476	29,311	2,221	229	35,875	—	16,304	6,139
France (including Andorra)	2,060,540	1,181,894	739,075	394,271	21,551	877,121	37,068	478,491	238,731
Greece	10,712	8,273	1,945	3,554	62	2,440	—	574	134
Ireland	450,799	324,850	307,578	4,861	10,636	125,949	1,537	14,190	28,016
Italy (including San Marino)	900,537	472,051	363,966	75,935	9,052	427,510	94,515	233,474	50,481
Luxembourg	313,264	237,674	57,667	63,328	114,747	75,590	—	30,284	39,364
Netherlands	1,465,498	953,606	562,487	93,988	248,300	498,913	5,017	125,658	207,903
United Kingdom	11,011,055	7,222,937	5,781,364	656,684	653,514	3,741,003	14,552	699,504	682,246
West Germany	2,698,727	1,883,853	1,264,174	410,041	135,071	811,732	3,889	435,450	134,375
Other West European countries, total	3,689,241	2,445,879	1,860,972	374,748	95,712	1,234,173	113,091	293,041	268,213
Austria	135,876	38,390	11,552	21,448	3,800	97,487	27,427	14,101	3,347
Finland	16,215	9,397	1,359	3,672	3,599	6,796	—	2,002	144
Liechtenstein	62,909	20,520	575	60	227	42,389	—	1,286	3,850
Norway	138,813	104,695	96,619	2,061	2,940	34,046	255	21,724	3,827
Portugal	12,170	8,711	7,285	1,254	—	3,459	—	1,667	514
Spain	287,042	198,917	149,319	23,726	13,158	87,009	6,065	24,618	39,404
Sweden	160,481	92,723	53,457	22,407	693	67,720	488	17,446	9,830
Switzerland	2,861,246	1,961,318	1,540,750	298,328	71,172	891,986	78,856	207,976	207,160
Turkey	11,574	9,307	45	25	—	2,267	—	2,220	2
East European countries, total	8,320	7,561	6,204	621	5	759	—	687	72
Africa, total	1,413,462	1,166,400	650,677	337,363	171,311	247,047	221	60,712	116,457
Egypt	2,803	305	—	68	162	2,499	—	143	2,345
Kenya	51,769	45,876	44,735	168	974	5,893	—	801	199
Liberia	853,504	686,133	211,809	306,866	165,644	167,341	—	33,970	98,483
Morocco	57	21	21	—	—	36	—	—	33
Nigeria	317,621	310,599	302,600	7,397	512	7,021	—	6,908	9
South Africa	164,354	110,577	82,125	21,761	2,016	53,433	221	16,424	11,236
Zaire	632	346	—	—	346	286	—	187	99
Zimbabwe	4,853	19	—	19	—	4,834	—	209	1,708
Asia, total	7,448,413	6,662,421	5,699,000	645,806	127,445	744,065	243,839	167,443	135,910
China	178,822	178,689	170,144	8,545	—	133	—	7	91
Hong Kong	1,122,170	873,261	591,758	53,747	111,772	248,861	5,748	24,248	68,365
India	9,276	7,868	7,425	331	—	1,408	—	7	35
Indonesia	32,859	31,360	29,701	—	—	1,585	—	—	82
Israel	61,979	55,840	23,472	6,034	576	4,964	—	620	2,847
Japan	1,189,097	1,088,989	753,272	284,650	6,541	99,031	7,857	21,448	43,169
Malaysia	1,371,290	1,213,639	1,174,592	36,622	603	157,652	114,678	39,619	1,586
Philippines	355,640	338,956	300,628	35,507	1,384	16,675	8	11,603	653
Saudi Arabia	54,509	20,665	35	20,568	12	33,843	—	33,748	95
Singapore	1,943,220	1,791,759	1,680,926	104,134	2,362	111,843	62,907	25,907	15,530
South Korea	224,901	221,730	150,484	54,283	200	3,171	—	2,894	59
Taiwan	698,894	650,517	638,376	3,567	418	48,376	43,064	1,835	1,679
Thailand	151,582	140,056	102,318	35,527	1,623	11,527	8,272	1,710	1,531
Oceania, total	1,245,552	781,914	262,186	201,841	133,386	463,415	20,496	183,883	96,436
Australia	1,185,264	743,330	226,826	199,621	132,641	441,711	19,301	181,071	91,483
New Zealand	36,172	16,012	12,789	2,220	746	20,159	1,195	2,808	3,412
Puerto Rico and U.S. Possessions, total ..	3,410,982	3,398,112	3,264,269	85,663	20,348	12,870	8	4,735	6,584
Puerto Rico	148,273	135,508	22,682	85,663	16,532	12,765	8	4,630	6,584
U.S. possessions, total	3,262,709	3,262,604	3,241,587	—	3,816	104	—	104	—
Virgin Islands, U.S.	3,262,465	3,262,360	3,241,382	—	3,816	104	—	104	—

Footnote at end of table.

Controlled Foreign Corporations, 1984

Table 2.—Number of U. S. Corporation Returns with Total Assets of \$250 Million or More: Number, Total Assets, Receipts, Earnings, Taxes, Distributions, and Selected Transactions of Their Controlled Foreign Corporations, by Selected Country of Incorporation of Controlled Foreign Corporation—Continued

[Money amounts are in thousands of dollars]

Selected country of incorporation of Controlled Foreign corporation	Controlled Foreign Corporations										
	All related persons	Selected payments by foreign corporations to:									
		U.S. corporation filing return and domestic corporations controlled by the U.S. corporation filing the return					Any foreign corporations controlled by the U.S. corporation filing return				
		Total	Purchases of stock in trade	Compensation paid for certain services	Dividends paid	Interest, rents and royalties paid	Total	Purchases of stock in trade	Compensation paid for certain services	Dividends paid	Interest, rents and royalties paid
(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	
All geographic areas total	112,600,816	96,424,708	71,095,809	4,137,396	11,783,824	7,968,640	14,966,599	757,373	4,013,396	5,203,748	4,084,009
Canada	27,183,986	24,461,216	20,367,519	1,008,388	1,910,873	865,190	2,586,668	33,162	366,131	1,517,059	557,178
Latin America, total	9,783,522	8,509,502	5,531,804	260,633	1,617,542	886,883	1,241,287	248,428	122,658	231,054	561,113
Mexico	1,839,365	1,644,023	1,179,723	71,560	107,205	239,943	194,586	87,987	10,803	46,899	32,328
Central America, total	4,268,904	3,863,370	2,844,627	101,560	608,204	289,362	404,051	145,970	46,625	71,774	109,917
Costa Rica	19,980	17,622	5,352	2,090	4,691	4,224	2,359	—	828	1,040	482
El Salvador	12,876	4,939	1,198	1,041	2,304	390	7,937	—	865	6,397	250
Guatemala	35,026	33,591	11,952	2,256	15,059	2,680	1,425	—	211	281	596
Honduras	10,913	9,624	2,102	556	5,122	1,639	1,289	—	552	16	722
Nicaragua	4,541	4,286	424	1,276	1,292	307	—	—	255	—	—
Panama	4,184,805	3,792,544	2,823,600	94,133	579,190	280,115	390,786	145,970	43,914	64,040	107,867
Caribbean countries, total	7,277,711	669,249	425,594	43,584	74,580	113,155	27,989	—	14,297	6,747	5,750
Cayman Islands (British)	668,615	613,273	383,701	42,382	67,190	109,884	24,870	—	14,297	4,745	4,669
Dominican Republic	5,886	5,030	834	361	2,721	976	856	—	—	—	838
Jamaica	9,480	9,236	6,154	622	712	732	245	—	—	52	193
South America, total	2,947,542	2,332,859	1,081,860	43,928	827,553	244,423	614,660	14,471	50,933	105,635	413,118
Argentina	410,389	377,847	204,374	23,221	78,231	50,555	32,542	2,179	12,180	10,639	5,246
Bolivia	721	714	266	74	—	370	—	—	7	—	—
Brazil	1,669,990	1,245,300	500,995	1,973	535,577	144,287	424,667	9,229	21,846	50,337	330,589
Chile	175,813	117,242	43,739	3,832	52,745	12,887	58,571	403	233	11,500	43,948
Colombia	174,433	151,130	53,321	7,146	67,127	13,355	23,303	658	3,317	4,033	13,133
Ecuador	23,148	22,140	9,805	1,710	7,746	1,053	1,008	136	74	296	390
Peru	84,615	82,036	61,055	2,392	13,178	3,679	2,579	188	1,240	7	891
Uruguay	17,222	16,868	8,531	799	5,856	1,600	354	—	233	33	23
Venezuela	389,111	317,483	199,705	2,613	65,864	16,169	71,628	1,678	11,804	28,748	18,899
Other Western Hemisphere, total	5,136,377	4,094,470	2,591,780	70,364	646,732	564,511	1,017,249	31,548	60,856	268,230	608,675
Bahamas	1,884,852	1,479,333	1,244,243	39,216	109,264	85,394	393,364	29,601	24,904	30,924	306,290
Bermuda	1,897,988	1,606,586	1,036,728	21,358	292,068	39,495	279,993	1,947	22,016	131,795	80,412
Netherlands Antilles	1,350,109	1,007,956	310,809	9,246	245,400	439,571	341,059	—	13,803	102,811	221,972
Europe, total	51,798,299	42,620,724	30,667,930	1,765,110	5,546,462	4,216,413	8,216,411	283,842	2,886,335	2,645,747	1,792,905
Common Market countries, total	45,166,434	37,013,141	26,544,666	1,493,742	4,999,808	3,624,492	7,218,507	195,433	2,435,966	2,457,384	1,609,008
Belgium	3,680,125	3,129,027	2,551,854	84,010	203,184	267,392	549,070	52,419	346,419	14,605	72,614
Denmark	964,403	915,609	816,962	16,328	33,525	46,198	48,794	4,184	27,048	3,594	10,308
France (including Andorra)	4,712,553	3,975,903	2,847,986	159,197	403,242	510,687	728,268	51,308	444,125	90,054	101,772
Greece	40,840	38,175	25,825	1,240	7,707	2,555	2,665	468	1,164	154	531
Ireland	588,244	386,677	290,353	18,601	40,957	30,363	196,987	764	32,549	92,896	15,694
Italy (including San Marino)	2,835,282	2,560,627	1,890,071	82,637	308,151	259,630	273,257	24,528	117,367	40,106	58,962
Luxembourg	298,958	241,806	154,643	17,619	30,199	33,019	56,792	361	36,737	1,057	17,833
Netherlands	4,933,821	3,302,443	2,256,440	171,061	262,460	573,677	771,201	6,694	144,719	119,422	451,310
United Kingdom	13,880,322	10,571,223	5,882,983	513,551	2,901,239	1,155,472	3,262,471	27,949	626,713	1,873,887	635,966
Netherlands	13,232,245	11,891,651	9,827,549	429,498	810,040	745,498	1,329,003	26,758	659,126	241,659	240,017
West Germany	6,629,757	5,605,783	4,122,518	270,348	546,656	591,889	997,596	88,409	450,254	188,364	183,703
Other West European countries, total	330,505	283,676	150,780	11,348	49,366	70,857	46,632	3,270	17,223	10,381	13,747
Austria	120,005	105,156	29,247	2,981	34,239	38,466	14,814	589	9,180	1,095	3,560
Finland	80,038	59,970	45,905	295	12,159	1,575	20,068	—	9,979	9,658	3,453
Norway	618,490	580,581	498,197	18,030	26,379	34,175	37,909	3,026	13,515	2,037	16,910
Portugal	128,359	118,474	86,392	3,197	7,923	17,911	9,885	1,455	4,117	2,061	1,989
Spain	784,159	617,741	300,292	43,639	133,573	117,383	165,782	7,487	95,411	21,055	25,240
Sweden	804,166	696,722	491,595	27,989	38,734	120,586	107,445	10,938	39,545	36,801	10,095
Switzerland	3,739,856	3,121,396	2,512,091	162,048	234,374	188,316	592,952	61,644	265,072	104,024	108,297
Turkey	14,484	13,775	8,019	524	2,319	2,214	709	—	119	346	98
East European countries, total	2,108	1,800	747	1,021	—	32	308	—	115	—	193
Africa, total	1,985,182	1,685,812	572,677	368,536	566,320	93,288	298,949	5,890	64,521	81,336	138,360
Egypt	52,731	46,983	35,874	649	10,161	292	5,749	664	490	2,595	1,696
Kenya	108,486	100,437	84,751	619	13,305	1,753	8,049	—	267	6,635	1,104
Liberia	909,259	733,847	300	330,504	317,634	23,476	175,412	—	34,507	30,857	104,904
Morocco	3,177	2,409	706	421	431	74	768	—	—	252	516
Nigeria	64,815	58,768	21,035	7,622	28,714	360	6,047	—	1,270	372	4,301
South Africa	705,295	614,022	342,620	26,556	171,409	63,830	90,852	5,226	25,467	35,868	21,608
Zaire	10,512	9,760	6,512	461	1,725	121	753	—	54	599	100
Zimbabwe	13,501	8,483	4,053	91	4,233	106	5,018	—	215	2,303	2,501
Asia, total	11,185,551	10,568,115	7,771,891	508,544	1,193,776	926,831	566,719	96,193	117,338	197,094	128,373
China	29,877	29,476	12,765	7,155	7,634	630	6,410	5,129	1,031	—	243
Hong Kong	1,712,401	1,504,515	983,358	24,123	197,318	290,021	201,930	9,983	19,467	108,316	55,732
India	23,936	21,400	13,438	1,127	5,745	253	2,536	—	1,404	972	98
Indonesia	59,317	54,501	21,782	2,980	19,995	4,373	4,817	1,022	805	368	2,623
Israel	72,195	66,843	15,152	3,371	4,927	41,264	5,353	—	1,541	894	2,769
Japan	3,069,579	3,064,927	1,982,154	117,978	503,876	430,427	103,330	12,319	27,552	14,332	36,028
Malaysia	1,262,026	1,214,895	1,121,778	8,975	45,492	9,058	47,014	824	34,551	5,542	5,393
Philippines	837,051	793,031	740,308	7,167	7,288	22,053	44,019	34,614	1,547	4,544	1,832
Saudi Arabia	398,740	371,557	14,892	272,145	41,585	42,438	27,183	—	3,683	22,294	1,207
Singapore	2,044,065	2,003,343	1,626,595	26,939	265,391	45,605	38,646	1,338	17,945	3,467	13,145
South Korea	192,052	190,312	121,579	18,928	20,384	12,059	1,740	—	1,651	89	—
Taiwan	295,359	271,593	217,919	5,833	30,639	11,240	23,765	7,719	1,915	12,728	729
Thailand	978,113	939,392	875,767	9,189	32,805	15,033	37,474	23,246	3,795	2,461	7,813
Oceania, total	4,172,368	3,147,369	2,381,477	122,639	274,442	349,728	1,021,284	57,706	393,669	256,501	290,034
Australia	3,758,766	2,806,167	2,093,859	113,408	252,389	329,087	948,884	17,016	386,988	248,232	273,365
New Zealand	372,114	300,464	253,958	7,672							

Selected Historical Data

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NOTICE

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

Selected Historical Data

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Table 1.—Individual Income Tax Returns: Selected Income and Tax Items for Selected Tax Years, 1970–1988

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

Item	1970	1975	1980	1985	1986	1987	p1988
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
All returns.....	74,279,831	82,229,932	93,902,469	101,660,287	103,045,170	106,996,270	109,808,729
Form 1040 returns.....	74,279,831	54,527,726	57,122,592	67,006,425	68,909,828	71,032,103	71,227,348
Form 1040A returns.....	N/A	27,701,606	36,779,877	18,124,702	17,584,689	17,446,685	19,154,916
Form 1040EZ returns.....	N/A	N/A	N/A	16,529,160	16,550,653	18,517,482	19,426,465
Adjusted gross income (AGI).....	631,692,540	947,784,873	1,613,731,497	2,305,951,483	2,481,681,046	2,773,824,198	3,097,302,476
Salaries and wages:							
Number of returns.....	66,965,659	73,520,046	83,802,109	87,198,001	88,217,638	90,984,304	93,464,145
Amount.....	531,883,892	795,399,462	1,349,842,802	1,928,200,978	2,031,025,984	2,163,905,509	2,347,226,062
Taxable interest received:							
Number of returns.....	32,630,355	40,378,240	49,019,575	64,526,434	65,236,518	67,933,810	69,594,430
Amount.....	22,021,267	43,433,554	102,009,444	182,109,194	167,640,438	168,966,067	182,574,232
Dividends in AGI:¹							
Number of returns.....	7,729,939	8,853,491	10,738,982	15,527,579	16,753,537	22,324,321	22,861,803
Amount.....	15,806,924	21,892,126	38,761,253	55,046,351	61,623,348	66,791,158	77,933,963
Business or profession net income less loss:							
Number of returns.....	6,159,985	7,242,542	8,881,119	11,900,341	12,360,345	13,002,055	13,548,477
Amount.....	30,554,201	39,421,478	55,129,154	78,772,577	90,423,763	105,460,627	122,432,141
Net capital gain less loss in AGI:²							
Number of returns.....	7,962,663	7,574,823	9,970,921	11,125,595	15,560,453	15,450,141	14,206,164
Amount.....	9,006,683	14,071,893	30,029,074	67,694,001	132,841,678	137,398,726	152,295,243
Pensions and annuities in AGI:³							
Number of returns.....	3,249,558	5,088,937	7,373,704	13,133,295	14,771,235	16,497,586	16,541,165
Amount.....	7,878,808	20,886,871	43,339,736	95,096,003	107,696,794	124,754,833	139,988,167
Unemployment compensation in AGI:							
Number of returns.....	N/A	N/A	1,798,210	4,771,546	5,106,015	7,370,742	6,984,679
Amount.....	N/A	N/A	2,028,456	6,355,539	6,975,196	12,286,674	11,639,160
Social security benefits in AGI:							
Number of returns.....	N/A	N/A	N/A	2,956,073	3,174,904	3,637,211	4,048,028
Amount.....	N/A	N/A	N/A	9,594,182	10,648,112	12,524,112	14,500,121
Rents and royalties net income less loss:							
Number of returns.....	6,557,498	7,143,812	8,208,132	9,970,604	9,394,506	9,492,112	9,501,497
Amount.....	3,232,817	5,202,078	4,105,381	-12,963,727	-15,292,084	-9,254,758	-7,071,879
Partnership and S Corporation net income less loss:							
Number of returns.....	n.a.	n.a.	n.a.	5,487,671	5,817,455	5,574,532	5,724,377
Amount.....	12,637,912	12,811,091	10,099,346	-2,526,591	-5,859,500	24,314,070	62,599,921
Farm net income less loss:							
Number of returns.....	3,026,530	2,755,041	2,608,430	2,620,861	2,524,331	2,420,186	2,410,973
Amount.....	2,788,713	3,563,325	-1,792,466	-12,005,483	-7,284,231	-1,323,464	-3,001,964
Total statutory adjustments:							
Number of returns.....	6,370,552	9,024,255	13,148,919	37,763,418	38,034,061	11,620,127	10,712,525
Amount.....	7,665,251	15,101,999	28,614,061	95,082,299	99,008,229	30,116,329	27,924,274
Individual Retirement Arrangements:							
Number of returns.....	N/A	1,211,794	2,564,421	16,205,846	15,535,531	7,318,727	6,390,790
Amount.....	N/A	1,436,443	3,430,894	38,211,574	37,758,393	14,065,722	11,946,011
Self-employed retirement plans:							
Number of returns.....	591,655	595,892	568,936	675,822	773,296	759,083	796,034
Amount.....	847,692	1,603,788	2,007,666	5,181,993	6,194,617	6,183,441	6,542,546
Married couples who both work:							
Number of returns.....	N/A	N/A	N/A	24,835,278	25,647,221	N/A	N/A
Amount.....	N/A	N/A	N/A	24,614,983	26,672,241	N/A	N/A
Exemptions:							
Number of exemptions.....	204,126,402	212,202,596	227,925,098	244,180,202	245,752,978	217,495,163	222,111,527
Number, age 65 or over.....	8,904,331	9,937,208	11,847,168	16,748,810	17,395,776	N/A	N/A
Total deductions:							
Number of returns.....	73,862,448	81,585,541	88,491,251	96,848,626	98,180,981 ⁴	106,005,861	108,403,282
Amount.....	120,549,755	233,181,778	346,000,155	554,733,523	611,293,162	607,223,513	679,104,111 ⁵
Itemized deductions:							
Number of returns.....	35,430,047	26,074,061	28,950,282	39,848,184	40,667,008	35,627,790	31,790,368
Total amount ⁶	88,178,487	122,260,601	218,028,139	405,023,525	447,057,972	392,020,128	388,565,374
Medical and dental expense.....	10,585,749	11,422,312	14,972,082	22,926,214	25,112,007	17,151,819	17,829,495
Taxes paid.....	32,014,673	44,141,289	69,404,275	128,084,618	143,446,005	119,388,068	120,136,673
Interest paid.....	23,929,477	38,885,282	91,187,006	180,094,578	196,566,331	179,942,422	175,148,346
Contributions.....	12,892,732	15,393,331	25,809,608	47,962,848	53,815,979	49,623,907	50,519,925
Taxable income:							
Number of returns.....	59,593,598	65,852,602	88,104,696	96,124,046	97,358,296	90,079,102	90,097,359
Amount.....	401,154,285	595,492,866	1,279,985,360	1,820,740,833	1,947,024,584	1,850,597,119	2,081,050,200
Income tax before credits:							
Number of returns.....	59,596,755	65,854,734	76,135,819	85,994,216	86,600,724	89,717,924	90,048,533
Amount.....	84,156,695 ⁷	132,452,044	256,294,315	332,165,333	367,591,995	373,857,125	422,186,637
Total tax credits⁸.....	396,610	8,069,846	7,215,839	10,248,044	7,020,731	6,329,438	6,789,387
Child care credit.....	N/A	N/A	956,439	3,127,702	3,397,090	3,438,314	3,802,787
Credit for the elderly and disabled.....	167,656	128,968	134,993	108,642	85,764	66,633	67,443
Residential energy credit.....	N/A	N/A	562,141	811,675	N/A	N/A	N/A
Foreign tax credit.....	169,623	381,985	1,341,675	782,561	773,939	1,099,484	968,788
Investment credit.....	30,554	1,593,150	3,288,415	(⁹)	(⁹)	(⁹)	(⁹)
General business credit.....	N/A	N/A	N/A	4,791,132	1,115,836	1,018,624	622,696
Income tax after credits.....	83,787,323	124,382,197	249,078,475	321,917,289	360,571,264	367,527,687	415,397,250
Total income tax:¹⁰							
Number of returns.....	59,317,371	61,490,737	73,906,244	82,846,420	83,967,413	86,723,796	86,984,752
Amount.....	33,903,311	124,520,237	250,341,440	320,710,254	307,207,213	350,202,757	416,109,297

See notes following Table 20.

Selected Historical Data

Table 2.—Individual Income and Tax by State and Size of Adjusted Gross Income, 1988

[Money amounts are in thousands of dollars, except where indicated]

State	Number of returns	Number of exemptions	Adjusted gross income (AGI)	Salaries and wages		Dividends	
				Number of returns	Amount	Number of returns	Amount
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
United States, total ¹	110,347,997	239,514,466	3,064,260,316	93,112,625	2,323,519,932	22,700,745	75,988,702
Under \$10,000 ²	33,924,339	44,247,253	106,040,401	26,158,675	125,250,691	3,368,479	4,228,481
\$10,000 under \$15,000	13,851,205	28,559,352	172,159,626	11,152,859	129,002,705	1,717,200	3,058,935
\$15,000 under \$30,000	28,538,663	66,092,504	619,843,406	24,843,522	502,681,429	4,832,356	9,198,487
\$30,000 under \$50,000	20,039,568	56,855,631	775,429,867	18,393,142	654,092,009	5,643,413	10,650,127
\$50,000 or more	13,994,222	43,759,726	1,390,787,016	12,564,427	912,493,098	7,139,297	48,852,672
Alabama, total	1,624,169	3,740,501	38,631,351	1,415,081	30,400,914	240,027	654,291
Under \$10,000 ²	554,823	837,325	2,337,534	455,171	2,182,479	31,937	36,245
\$10,000 under \$15,000	230,283	520,030	2,851,974	195,489	2,276,403	16,736	23,745
\$15,000 under \$30,000	412,213	1,066,788	8,923,535	368,938	7,476,585	51,171	75,253
\$30,000 under \$50,000	273,082	825,032	10,531,243	255,343	9,139,333	64,551	93,088
\$50,000 or more	153,768	491,326	13,987,065	140,140	9,326,114	75,632	425,960
Alaska, total	335,723	505,427	7,327,236	206,144	5,796,686	74,375	101,712
Under \$10,000 ²	164,339	68,912	144,551	51,417	225,842	20,939	13,853
\$10,000 under \$15,000	23,606	42,409	293,085	20,476	222,389	5,361	5,229
\$15,000 under \$30,000	53,791	119,810	1,183,968	47,703	941,323	13,854	14,712
\$30,000 under \$50,000	46,335	124,153	1,810,592	42,481	1,491,891	13,896	16,262
\$50,000 or more	47,652	150,143	3,895,040	44,067	2,915,241	20,325	51,656
Arizona, total	1,519,960	3,494,368	39,321,905	1,258,387	29,360,872	311,731	1,082,830
Under \$10,000 ²	472,601	703,241	1,453,192	371,720	1,838,421	45,566	69,174
\$10,000 under \$15,000	206,663	454,585	2,567,375	164,505	1,913,879	28,055	59,711
\$15,000 under \$30,000	400,317	993,926	8,659,256	336,671	6,795,186	75,580	175,423
\$30,000 under \$50,000	266,805	790,792	10,310,678	236,192	8,389,742	77,220	190,362
\$50,000 or more	173,574	551,844	16,331,404	149,299	10,423,644	85,310	588,160
Arkansas, total	931,942	2,192,141	19,932,167	777,050	14,988,171	136,460	371,450
Under \$10,000 ²	332,630	533,966	1,172,599	260,021	1,232,658	20,807	26,009
\$10,000 under \$15,000	140,560	331,887	1,742,716	114,728	1,317,709	12,576	17,628
\$15,000 under \$30,000	252,378	683,902	5,435,621	218,797	4,343,265	35,452	52,434
\$30,000 under \$50,000	140,366	432,237	5,363,936	126,744	4,388,451	35,226	52,924
\$50,000 or more	66,008	210,149	6,217,295	56,760	3,706,088	32,399	222,455
California, total	13,011,556	28,988,188	398,830,750	10,976,325	298,090,477	2,440,579	9,108,789
Under \$10,000 ²	3,750,544	5,601,239	8,533,866	2,947,494	15,107,893	315,994	485,984
\$10,000 under \$15,000	1,594,942	3,419,804	19,788,314	1,302,748	15,216,080	167,453	353,324
\$15,000 under \$30,000	3,289,473	7,555,497	71,576,705	2,828,880	57,939,027	489,578	1,100,794
\$30,000 under \$50,000	2,359,182	6,308,863	91,529,494	2,121,557	75,786,093	576,651	1,296,958
\$50,000 or more	2,017,415	6,102,785	207,402,371	1,775,646	134,041,384	890,903	5,871,729
Colorado, total	1,493,390	3,191,124	39,650,406	1,263,642	30,881,162	341,605	903,416
Under \$10,000 ²	455,187	559,904	800,523	350,800	1,682,775	52,772	68,978
\$10,000 under \$15,000	181,786	361,680	2,262,654	148,363	1,713,741	23,884	42,146
\$15,000 under \$30,000	385,745	880,429	8,405,430	336,205	6,783,923	75,017	123,178
\$30,000 under \$50,000	278,947	788,642	10,805,458	255,692	9,054,892	88,321	143,162
\$50,000 or more	191,725	600,469	17,376,341	172,582	11,645,831	101,611	525,952
Connecticut, total	1,676,421	3,289,708	62,072,787	1,422,022	46,785,615	473,788	1,740,695
Under \$10,000 ²	422,799	376,357	1,477,785	311,610	1,427,008	71,020	84,204
\$10,000 under \$15,000	165,635	284,020	2,069,248	129,793	1,485,753	30,556	57,357
\$15,000 under \$30,000	428,147	794,143	9,385,003	376,077	7,694,706	88,535	182,001
\$30,000 under \$50,000	335,842	851,224	13,130,602	308,339	11,068,837	107,227	248,816
\$50,000 or more	323,998	983,964	36,010,149	296,203	25,109,311	176,450	1,168,317
Delaware, total	315,769	655,617	9,221,529	271,714	7,038,419	84,226	317,684
Under \$10,000 ²	88,091	97,574	382,731	70,537	326,524	10,296	12,294
\$10,000 under \$15,000	40,538	76,520	505,023	33,243	388,535	5,706	9,433
\$15,000 under \$30,000	79,985	170,902	1,731,829	69,664	1,396,193	16,756	30,792
\$30,000 under \$50,000	60,544	165,213	2,353,841	55,716	1,979,507	22,332	40,241
\$50,000 or more	46,611	145,408	4,248,105	42,554	2,947,660	29,136	224,924

See notes following Table 20.

Table 2.—Individual Income and Tax by State and Size of Adjusted Gross Income, 1988—(Continued)

[Money amounts are in thousands of dollars, except where indicated]

State	Interest		Sales of capital assets, net gain less loss		Unemployment compensation	
	Number of returns	Amount	Number of returns	Amount	Number of returns	Amount
	(8)	(9)	(10)	(11)	(12)	(13)
United States, total ¹	69,092,447	187,812,998	12,612,979	152,209,406	6,728,666	11,320,207
Under \$10,000 ²	14,431,057	21,028,752	1,617,342	6,446,889	1,342,758	1,935,653
\$10,000 under \$15,000	6,924,098	15,023,906	855,413	954,070	1,071,367	1,784,837
\$15,000 under \$30,000	18,000,532	36,880,121	2,504,041	4,268,043	2,247,114	4,031,425
\$30,000 under \$50,000	16,497,515	33,469,537	2,874,298	7,419,668	1,535,026	2,590,085
\$50,000 or more	13,239,245	81,410,682	4,761,885	133,120,736	532,401	978,207
Alabama, total	823,921	1,874,542	127,727	1,288,844	139,851	130,638
Under \$10,000 ²	165,975	222,411	15,408	30,627	37,817	39,216
\$10,000 under \$15,000	86,978	167,684	8,357	10,129	24,988	23,088
\$15,000 under \$30,000	220,328	393,659	25,945	44,258	44,947	41,415
\$30,000 under \$50,000	208,471	347,779	30,843	73,859	26,282	21,777
\$50,000 or more	142,169	743,009	47,174	1,129,972	5,817	5,142
Alaska, total	172,909	265,772	28,508	160,774	30,101	66,121
Under \$10,000 ²	53,241	28,232	3,615	10,218	4,746	7,838
\$10,000 under \$15,000	10,480	10,025	1,208	1,208	3,762	7,435
\$15,000 under \$30,000	30,931	34,206	4,233	6,544	9,035	20,487
\$30,000 under \$50,000	34,999	49,558	6,188	11,994	7,597	18,938
\$50,000 or more	43,258	143,751	13,264	130,735	4,961	11,423
Arizona, total	909,835	2,991,688	207,231	2,174,821	71,984	107,553
Under \$10,000 ²	179,580	312,719	27,816	164,716	17,715	26,055
\$10,000 under \$15,000	101,144	231,169	16,953	11,984	12,852	20,220
\$15,000 under \$30,000	252,143	595,607	47,248	64,155	23,755	35,807
\$30,000 under \$50,000	214,766	540,130	48,168	126,398	13,276	18,898
\$50,000 or more	162,202	1,312,063	67,046	1,807,568	4,386	6,573
Arkansas, total	480,959	1,313,481	95,458	797,504	76,374	109,331
Under \$10,000 ²	111,780	175,304	14,823	41,165	20,203	26,891
\$10,000 under \$15,000	58,558	137,513	9,003	12,803	14,448	20,718
\$15,000 under \$30,000	140,905	317,446	24,702	49,829	28,225	41,848
\$30,000 under \$50,000	108,058	249,553	22,379	65,366	11,780	17,010
\$50,000 or more	61,658	433,665	24,551	628,341	1,718	2,864
California, total	7,928,165	25,303,609	1,550,499	24,807,729	858,561	1,377,211
Under \$10,000 ²	1,395,428	2,291,309	164,062	1,212,271	205,790	297,960
\$10,000 under \$15,000	739,074	1,508,644	88,463	89,548	135,164	225,300
\$15,000 under \$30,000	1,994,928	4,164,995	273,096	473,938	258,553	440,427
\$30,000 under \$50,000	1,901,991	4,226,111	340,036	1,017,184	170,880	269,520
\$50,000 or more	1,896,744	13,112,550	684,842	22,014,788	88,174	144,004
Colorado, total	988,010	2,375,337	219,952	1,907,519	79,630	145,969
Under \$10,000 ²	211,913	302,659	31,666	124,176	15,177	23,628
\$10,000 under \$15,000	95,057	172,922	14,739	11,394	13,095	24,392
\$15,000 under \$30,000	260,268	453,721	45,748	62,740	28,563	55,186
\$30,000 under \$50,000	238,054	436,036	52,311	101,733	17,548	32,891
\$50,000 or more	182,718	1,009,999	75,488	1,607,476	5,247	9,872
Connecticut, total	1,262,390	3,614,724	222,347	3,750,965	85,468	143,654
Under \$10,000 ²	243,703	365,111	23,324	83,031	8,068	13,715
\$10,000 under \$15,000	101,099	244,740	10,559	9,024	10,468	17,880
\$15,000 under \$30,000	304,436	646,165	34,187	48,947	28,145	48,036
\$30,000 under \$50,000	297,794	680,069	45,900	117,535	25,617	40,790
\$50,000 or more	315,358	1,678,639	108,377	3,492,428	13,170	23,233
Delaware, total	198,005	441,525	33,520	365,116	16,410	30,468
Under \$10,000 ²	37,294	45,781	3,302	8,385	1,901	2,457
\$10,000 under \$15,000	18,626	37,524	1,778	1,812	1,859	3,260
\$15,000 under \$30,000	48,248	91,888	5,690	8,769	4,577	10,488
\$30,000 under \$50,000	49,629	86,315	7,622	18,565	5,745	10,579
\$50,000 or more	44,208	180,017	15,128	327,585	2,328	3,684

See notes following Table 20.

Selected Historical Data

Table 2.—Individual Income and Tax by State and Size of Adjusted Gross Income, 1988—(Continued)

[Money amounts are in thousands of dollars, except where indicated]

State	Itemized deductions			Total tax liability			Earned income credit	
	Number of returns	Amount	Average (whole dollars)	Number of returns	Amount	Average (whole dollars)	Number of returns	Amount
	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)
United States, total ¹	32,774,310	406,410,981	12,400	91,663,391	431,416,390	4,707	11,148,994	5,940,882
Under \$10,000 ²	1,220,206	13,320,024	10,916	17,323,316	6,238,073	360	5,112,169	3,371,385
\$10,000 under \$15,000.....	1,244,630	10,634,885	8,545	12,326,372	11,105,235	901	3,628,931	2,135,584
\$15,000 under \$30,000.....	6,609,717	51,694,551	7,821	28,035,826	58,245,883	2,078	2,407,894	433,913
\$30,000 under \$50,000.....	11,483,214	104,973,570	9,141	19,996,597	90,919,644	4,547	—	—
\$50,000 or more.....	12,216,543	225,787,951	18,482	13,981,280	264,907,555	18,947	—	—
Alabama, total	414,221	4,179,125	10,089	1,267,710	4,852,114	3,827	276,555	156,275
Under \$10,000 ²	14,590	111,506	7,643	238,622	82,423	345	140,746	94,797
\$10,000 under \$15,000.....	18,749	133,709	7,132	197,289	158,010	801	86,874	52,495
\$15,000 under \$30,000.....	97,868	689,459	7,045	405,323	774,479	1,911	48,935	8,983
\$30,000 under \$50,000.....	151,815	1,282,98	8,451	272,794	1,184,782	4,343	—	—
\$50,000 or more.....	131,199	1,961,513	14,951	153,682	2,652,420	17,259	—	—
Alaska, total	73,948	894,192	12,092	307,438	1,112,857	3,620	15,635	7,204
Under \$10,000 ²	3,149	32,659	10,371	139,046	22,271	160	5,640	3,265
\$10,000 under \$15,000.....	1,938	14,722	7,596	21,600	22,209	1,028	5,588	3,159
\$15,000 under \$30,000.....	10,521	88,649	8,426	52,892	119,951	2,268	4,407	780
\$30,000 under \$50,000.....	21,474	214,033	9,967	46,264	232,718	5,030	—	—
\$50,000 or more.....	36,866	544,129	14,760	47,636	715,708	15,025	—	—
Arizona, total	525,162	6,491,088	12,360	1,225,169	5,069,267	4,138	179,792	96,526
Under \$10,000 ²	28,465	292,383	10,272	219,211	80,764	368	85,020	55,828
\$10,000 under \$15,000.....	29,172	306,329	10,501	177,040	152,542	862	57,971	33,972
\$15,000 under \$30,000.....	131,274	1,064,442	8,109	389,641	756,804	1,942	36,801	6,726
\$30,000 under \$50,000.....	179,332	1,756,768	9,796	266,030	1,136,837	4,273	—	—
\$50,000 or more.....	156,919	3,071,166	19,572	173,247	2,942,320	16,983	—	—
Arkansas, total	193,662	1,995,810	10,306	722,458	2,439,027	3,376	158,641	87,371
Under \$10,000 ²	9,219	71,970	7,807	146,541	54,372	371	77,154	51,278
\$10,000 under \$15,000.....	9,616	70,386	7,320	121,405	98,441	811	51,096	30,553
\$15,000 under \$30,000.....	46,843	343,453	7,332	248,385	473,999	1,908	30,391	5,540
\$30,000 under \$50,000.....	71,964	608,669	8,458	140,169	610,838	4,358	—	—
\$50,000 or more.....	56,020	901,332	16,089	65,958	1,201,377	18,214	—	—
California, total	4,531,045	71,164,481	15,706	10,700,456	57,264,519	5,352	1,375,678	754,415
Under \$10,000 ²	193,200	2,618,097	13,551	1,803,930	724,422	402	689,368	457,887
\$10,000 under \$15,000.....	175,424	1,594,831	9,091	1,349,961	1,242,074	920	421,516	248,938
\$15,000 under \$30,000.....	864,078	8,116,735	9,394	3,182,050	6,627,497	2,083	264,794	47,590
\$30,000 under \$50,000.....	1,459,565	16,207,958	11,105	2,349,870	10,665,939	4,539	—	—
\$50,000 or more.....	1,838,778	42,626,860	23,182	2,014,645	38,004,587	18,864	—	—
Colorado, total	549,928	6,697,943	12,179	1,254,121	5,364,932	4,278	135,613	70,746
Under \$10,000 ²	26,644	310,378	11,649	243,434	88,005	362	59,098	38,961
\$10,000 under \$15,000.....	23,887	224,155	9,384	162,093	151,019	932	45,380	26,176
\$15,000 under \$30,000.....	127,895	1,019,146	7,969	378,643	776,475	2,051	31,135	5,609
\$30,000 under \$50,000.....	194,985	1,973,220	10,120	278,396	1,210,325	4,347	—	—
\$50,000 or more.....	176,517	3,171,044	17,965	191,555	3,139,108	16,388	—	—
Connecticut, total	536,055	7,746,689	14,451	1,503,077	10,183,673	6,775	70,144	33,810
Under \$10,000 ²	15,411	205,774	13,352	265,660	94,514	356	25,244	16,338
\$10,000 under \$15,000.....	15,079	138,235	9,167	155,835	156,618	1,005	24,352	13,865
\$15,000 under \$30,000.....	79,203	748,696	9,453	423,012	988,551	2,337	20,548	3,607
\$30,000 under \$50,000.....	162,401	1,534,982	9,452	334,891	1,673,163	4,996	—	—
\$50,000 or more.....	263,961	5,119,002	19,393	323,679	7,270,827	22,463	—	—
Delaware, total	102,902	1,196,473	11,627	271,513	1,267,525	4,668	26,856	14,291
Under \$10,000 ²	2,445	26,233	10,729	48,275	16,717	346	11,085	7,460
\$10,000 under \$15,000.....	2,884	22,360	7,753	37,136	34,182	920	9,617	5,703
\$15,000 under \$30,000.....	17,719	122,515	6,914	79,016	167,860	2,124	6,154	1,128
\$30,000 under \$50,000.....	37,062	314,805	8,494	60,494	277,941	4,595	—	—
\$50,000 or more.....	42,792	710,560	16,605	46,592	770,825	16,544	—	—

See notes following Table 20.

Selected Historical Data

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Table 2.—Individual Income and Tax by State and Size of Adjusted Gross Income, 1988—(Continued)

[Money amounts are in thousands of dollars, except where indicated]

State	Number of returns	Number of exemptions	Adjusted gross income (AGI)	Salaries and wages		Dividends	
				Number of returns	Amount	Number of returns	Amount
				(1)	(2)	(3)	(4)	(5)	(6)	(7)
District of Columbia, total	324,211	591,833	9,766,300	276,912	6,907,891	53,708	373,549
Under \$10,000 ²	84,300	111,779	264,283	67,601	347,353	6,091	11,039
\$10,000 under \$15,000.....	45,228	83,051	566,678	38,249	457,164	2,791	5,160
\$15,000 under \$30,000.....	104,924	198,076	2,241,834	93,633	1,918,066	10,456	19,442
\$30,000 under \$50,000.....	49,945	100,058	1,906,901	44,065	1,561,922	12,398	31,204
\$50,000 or more.....	39,814	98,869	4,786,604	33,364	2,623,386	21,972	306,704
Florida, total	5,760,473	12,559,455	159,547,112	4,580,123	103,935,039	1,284,200	6,900,083
Under \$10,000 ²	1,793,278	2,582,435	6,277,003	1,375,516	6,836,323	200,908	388,019
\$10,000 under \$15,000.....	856,748	1,792,177	10,640,084	665,342	7,666,057	131,680	330,780
\$15,000 under \$30,000.....	1,558,139	3,677,058	33,452,615	1,266,782	24,953,443	326,346	982,795
\$30,000 under \$50,000.....	922,520	2,580,568	35,518,536	779,597	26,990,313	287,916	1,034,024
\$50,000 or more.....	629,788	1,927,217	73,658,874	502,886	37,488,903	337,350	4,164,465
Georgia, total	2,741,437	5,946,155	73,301,704	2,437,986	58,361,704	440,588	1,317,688
Under \$10,000 ²	851,676	1,133,806	3,007,828	714,507	3,455,780	53,809	60,545
\$10,000 under \$15,000.....	369,162	755,851	4,592,584	323,524	3,824,975	24,719	38,393
\$15,000 under \$30,000.....	712,124	1,655,396	15,381,242	647,275	13,160,520	84,138	124,918
\$30,000 under \$50,000.....	475,186	1,356,256	18,388,533	445,494	15,905,768	113,702	170,166
\$50,000 or more.....	333,289	1,044,846	31,931,517	307,186	22,014,661	164,220	923,666
Hawaii, total	520,575	1,087,534	14,215,978	444,213	10,565,916	109,100	298,063
Under \$10,000 ²	150,713	168,090	393,553	116,715	554,668	15,602	16,170
\$10,000 under \$15,000.....	69,067	126,701	860,481	58,805	692,008	7,483	10,045
\$15,000 under \$30,000.....	142,131	317,505	3,052,250	125,574	2,503,318	25,112	35,199
\$30,000 under \$50,000.....	90,175	258,042	3,494,660	82,063	2,843,566	26,071	45,119
\$50,000 or more.....	68,489	217,196	6,415,034	61,056	3,972,356	34,832	191,530
Idaho, total	391,193	971,502	8,632,145	322,615	6,569,722	72,705	189,931
Under \$10,000 ²	131,038	193,818	200,372	100,636	475,775	12,398	14,896
\$10,000 under \$15,000.....	52,044	125,702	646,368	40,557	454,263	6,737	11,294
\$15,000 under \$30,000.....	107,981	312,548	2,352,697	92,265	1,823,260	18,729	32,229
\$30,000 under \$50,000.....	69,015	232,513	2,638,454	62,488	2,149,950	18,974	30,711
\$50,000 or more.....	31,115	106,921	2,794,254	26,669	1,666,474	15,867	100,801
Illinois, total	5,196,346	11,192,574	154,863,207	4,386,496	117,209,417	1,212,627	4,015,757
Under \$10,000 ²	1,548,813	1,873,479	5,326,701	1,177,896	5,228,415	188,628	221,898
\$10,000 under \$15,000.....	594,529	1,202,220	7,398,824	464,597	5,328,504	90,792	162,756
\$15,000 under \$30,000.....	1,318,015	2,942,415	28,724,458	1,147,923	23,311,683	248,686	480,825
\$30,000 under \$50,000.....	1,004,621	2,861,324	39,022,158	930,116	33,294,227	295,232	576,241
\$50,000 or more.....	730,368	2,313,136	74,391,066	665,964	50,046,588	389,289	2,574,037
Indiana, total	2,443,546	5,423,655	62,375,784	2,076,271	48,984,772	470,265	1,134,884
Under \$10,000 ²	775,394	979,485	2,852,250	598,599	2,634,118	68,258	70,509
\$10,000 under \$15,000.....	297,211	610,437	3,695,383	234,078	2,700,084	36,869	53,890
\$15,000 under \$30,000.....	616,450	1,499,675	13,440,541	539,407	10,979,570	98,145	159,600
\$30,000 under \$50,000.....	483,705	1,455,065	18,739,591	454,832	16,408,705	130,428	174,476
\$50,000 or more.....	270,786	878,993	23,648,019	249,355	16,262,295	136,565	676,409
Iowa, total	1,225,196	2,763,716	28,546,265	972,618	20,733,496	276,141	596,612
Under \$10,000 ²	409,005	512,777	1,083,193	296,970	1,272,051	49,698	45,494
\$10,000 under \$15,000.....	148,897	317,090	1,850,602	106,875	1,179,012	26,574	37,984
\$15,000 under \$30,000.....	322,964	828,897	7,069,805	265,277	5,203,919	69,040	105,510
\$30,000 under \$50,000.....	229,516	723,307	8,823,286	204,833	6,993,803	70,446	105,600
\$50,000 or more.....	114,814	381,645	9,719,379	98,663	6,084,711	60,383	302,024
Kansas, total	1,077,030	2,451,014	28,071,169	889,481	20,753,934	232,070	715,179
Under \$10,000 ²	330,864	420,135	759,905	249,496	1,126,630	34,380	37,309
\$10,000 under \$15,000.....	131,809	282,706	1,639,621	101,541	1,135,124	18,256	26,497
\$15,000 under \$30,000.....	285,213	720,233	6,222,922	243,197	4,815,344	53,715	82,531
\$30,000 under \$50,000.....	205,310	626,004	7,925,258	186,111	6,446,423	61,462	93,918
\$50,000 or more.....	123,834	401,936	11,523,463	109,136	7,230,413	64,257	474,924

See notes following Table 20.

Selected Historical Data

Table 2.—Individual Income and Tax by State and Size of Adjusted Gross Income, 1988—(Continued)

[Money amounts are in thousands of dollars, except where indicated]

State	Interest		Sales of capital assets, net gain less loss		Unemployment compensation	
	Number of returns	Amount	Number of returns	Amount	Number of returns	Amount
	(8)	(9)	(10)	(11)	(12)	(13)
District of Columbia, total	166,102	529,420	28,587	699,409	10,301	25,109
Under \$10,000 ²	24,517	46,703	2,360	69,685	3,066	6,124
\$10,000 under \$15,000	16,014	18,709	1,135	1,669	2,365	5,802
\$15,000 under \$30,000	50,866	61,786	3,972	6,387	3,331	9,218
\$30,000 under \$50,000	37,836	73,914	5,800	13,335	1,080	2,751
\$50,000 or more	36,869	328,308	15,320	608,333	459	1,214
Florida, total	3,409,369	14,521,561	828,824	13,465,894	169,573	287,340
Under \$10,000 ²	692,469	1,329,180	109,608	437,330	38,793	54,440
\$10,000 under \$15,000	419,474	1,109,337	70,972	31,580	28,687	48,113
\$15,000 under \$30,000	968,562	2,873,864	190,924	253,203	57,402	101,436
\$30,000 under \$50,000	736,350	2,511,871	182,202	539,821	32,704	58,703
\$50,000 or more	590,514	6,697,309	275,118	12,203,960	11,987	24,648
Georgia, total	1,380,540	3,324,720	241,639	3,398,371	154,085	173,239
Under \$10,000 ²	250,962	355,959	26,092	271,477	30,684	32,597
\$10,000 under \$15,000	124,615	233,718	13,068	21,232	26,815	29,990
\$15,000 under \$30,000	349,214	603,682	42,401	87,569	50,818	57,425
\$30,000 under \$50,000	349,465	593,572	55,268	152,401	35,163	39,070
\$50,000 or more	306,284	1,537,789	104,810	2,865,692	10,605	14,157
Hawaii, total	384,352	764,545	59,852	924,863	22,967	38,971
Under \$10,000 ²	81,289	75,996	6,409	42,742	3,626	5,567
\$10,000 under \$15,000	43,065	49,129	3,276	3,376	3,175	5,458
\$15,000 under \$30,000	110,716	142,636	11,483	19,204	7,772	13,917
\$30,000 under \$50,000	82,346	147,316	13,864	43,694	6,017	10,020
\$50,000 or more	66,936	349,468	24,820	815,847	2,377	4,009
Idaho, total	239,947	593,406	57,797	396,939	40,092	58,980
Under \$10,000 ²	57,615	84,576	9,879	27,776	7,630	9,172
\$10,000 under \$15,000	27,298	63,539	5,696	9,494	7,408	10,219
\$15,000 under \$30,000	69,344	145,443	14,995	35,116	16,403	25,926
\$30,000 under \$50,000	56,355	114,677	13,816	43,540	7,529	11,774
\$50,000 or more	29,335	185,171	13,411	281,013	1,122	1,889
Illinois, total	3,490,066	9,560,653	603,003	7,637,307	281,656	585,018
Under \$10,000 ²	757,784	1,126,798	71,045	212,439	49,592	87,402
\$10,000 under \$15,000	328,255	797,527	36,154	32,916	39,150	84,227
\$15,000 under \$30,000	867,521	1,901,854	110,492	158,128	91,873	207,805
\$30,000 under \$50,000	843,404	1,737,242	139,139	297,608	73,962	150,157
\$50,000 or more	693,102	3,997,232	246,173	6,936,216	27,079	55,427
Indiana, total	1,525,193	3,354,363	237,086	1,888,613	123,038	135,571
Under \$10,000 ²	340,777	453,627	31,371	67,493	23,016	26,190
\$10,000 under \$15,000	153,443	349,299	17,586	19,833	17,685	20,178
\$15,000 under \$30,000	381,997	792,664	49,933	85,699	41,270	48,013
\$30,000 under \$50,000	393,695	658,248	58,507	134,259	32,075	32,642
\$50,000 or more	255,281	1,100,525	79,689	1,581,329	8,992	8,548
Iowa, total	890,019	2,294,076	186,999	940,993	69,830	109,122
Under \$10,000 ²	237,371	322,528	30,767	51,931	12,005	16,595
\$10,000 under \$15,000	96,766	257,186	18,103	29,514	10,703	17,451
\$15,000 under \$30,000	240,607	596,234	48,982	112,808	26,979	44,152
\$30,000 under \$50,000	204,174	472,056	45,108	137,402	16,868	25,844
\$50,000 or more	111,101	646,072	44,039	609,338	3,275	5,080
Kansas, total	713,848	2,024,404	146,527	1,232,137	62,551	109,938
Under \$10,000 ²	164,345	252,465	20,194	77,197	11,839	18,185
\$10,000 under \$15,000	72,197	196,522	11,511	14,711	9,974	18,650
\$15,000 under \$30,000	187,580	459,814	33,688	58,660	22,569	41,739
\$30,000 under \$50,000	172,023	394,926	36,107	85,746	14,282	24,718
\$50,000 or more	117,703	720,677	45,027	995,823	3,887	6,646

See notes following Table 20.

Selected Historical Data

Table 2.—Individual Income and Tax by State and Size of Adjusted Gross Income, 1988—(Continued)

[Money amounts are in thousands of dollars, except where indicated]

State	Itemized deductions			Total tax liability			Earned income credit	
	Number of returns	Amount	Average (whole dollars)	Number of returns	Amount	Average (whole dollars)	Number of returns	Amount
	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)
District of Columbia, total.....	101,948	1,533,449	15,041	270,159	1,464,953	5,423	40,104	20,420
Under \$10,000 ²	3,097	36,709	11,853	39,063	16,772	429	15,752	10,500
\$10,000 under \$15,000.....	3,830	27,627	7,213	39,341	35,829	911	13,616	7,979
\$15,000 under \$30,000.....	24,813	178,531	7,195	102,268	214,536	2,098	10,736	1,941
\$30,000 under \$50,000.....	32,975	308,310	9,350	49,758	252,247	5,069	—	—
\$50,000 or more.....	37,233	982,272	26,382	39,729	945,569	23,800	—	—
Florida, total.....	1,500,601	17,989,427	11,988	4,709,566	23,849,199	5,064	636,376	349,276
Under \$10,000 ²	81,396	845,776	10,391	866,236	337,132	389	292,581	198,630
\$10,000 under \$15,000.....	90,671	695,833	7,674	765,150	670,361	876	213,787	126,848
\$15,000 under \$30,000.....	374,122	3,029,687	8,098	1,529,291	3,082,784	2,016	130,008	23,798
\$30,000 under \$50,000.....	467,670	4,239,934	9,066	920,104	4,239,008	4,607	—	—
\$50,000 or more.....	486,742	9,178,197	18,856	628,785	15,519,914	24,682	—	—
Georgia, total.....	829,246	10,237,236	12,345	2,229,305	9,768,117	4,382	382,423	210,378
Under \$10,000 ²	24,194	296,210	12,243	399,585	144,541	362	179,048	120,389
\$10,000 under \$15,000.....	27,962	211,005	7,546	322,543	281,606	873	126,981	75,942
\$15,000 under \$30,000.....	171,808	1,367,591	7,960	699,682	1,401,176	2,003	76,394	14,047
\$30,000 under \$50,000.....	296,660	2,737,902	9,229	474,457	2,078,489	4,381	—	—
\$50,000 or more.....	308,622	5,624,528	18,225	333,038	5,862,305	17,603	—	—
Hawaii, total.....	159,377	2,084,818	13,081	447,779	1,925,661	4,300	38,014	18,349
Under \$10,000 ²	4,884	45,250	9,265	85,838	30,839	359	12,443	8,243
\$10,000 under \$15,000.....	5,200	38,444	7,393	63,540	60,789	937	14,089	8,035
\$15,000 under \$30,000.....	32,683	264,132	8,082	139,999	286,398	2,046	11,482	2,071
\$30,000 under \$50,000.....	54,627	547,208	10,017	89,973	397,921	4,423	—	—
\$50,000 or more.....	61,983	1,189,784	19,195	68,429	1,149,714	16,802	—	—
Idaho, total.....	114,198	1,176,986	10,307	317,466	1,056,018	3,326	48,734	25,450
Under \$10,000 ²	5,821	47,461	8,153	66,834	24,127	361	20,735	13,907
\$10,000 under \$15,000.....	5,670	40,269	7,102	45,189	38,275	847	16,402	9,492
\$15,000 under \$30,000.....	30,427	221,637	7,284	105,514	201,007	1,905	11,597	2,051
\$30,000 under \$50,000.....	44,698	396,347	8,867	68,846	286,258	4,158	—	—
\$50,000 or more.....	27,582	471,272	17,086	31,083	506,351	16,290	—	—
Illinois, total.....	1,436,685	16,550,431	11,520	4,376,820	23,201,373	5,301	446,453	231,069
Under \$10,000 ²	46,098	539,213	11,697	813,051	276,390	340	201,633	129,497
\$10,000 under \$15,000.....	47,244	383,148	8,110	533,461	487,802	914	143,280	83,434
\$15,000 under \$30,000.....	251,953	1,952,546	7,750	1,296,798	2,788,323	2,150	101,540	18,138
\$30,000 under \$50,000.....	496,885	4,254,607	8,563	1,003,465	4,733,339	4,717	—	—
\$50,000 or more.....	594,505	9,420,917	15,847	730,045	14,915,519	20,431	—	—
Indiana, total.....	607,387	6,005,647	9,888	2,017,463	8,306,737	4,117	227,070	118,971
Under \$10,000 ²	18,519	239,857	12,952	383,557	125,848	328	99,653	65,667
\$10,000 under \$15,000.....	19,948	163,264	8,184	270,468	240,229	888	74,531	43,812
\$15,000 under \$30,000.....	112,199	784,702	6,994	609,424	1,256,813	2,062	52,886	9,492
\$30,000 under \$50,000.....	237,228	1,868,471	7,876	483,316	2,192,369	4,536	—	—
\$50,000 or more.....	219,493	2,949,353	13,437	270,698	4,491,478	16,592	—	—
Iowa, total.....	327,499	3,113,050	9,506	1,031,125	3,725,241	3,613	94,865	47,544
Under \$10,000 ²	17,639	129,577	7,346	231,071	76,113	329	39,863	25,532
\$10,000 under \$15,000.....	16,804	119,221	7,095	136,912	125,769	919	30,929	17,780
\$15,000 under \$30,000.....	71,948	482,038	6,700	319,136	676,606	2,120	24,073	4,232
\$30,000 under \$50,000.....	123,270	959,144	7,781	229,217	1,039,545	4,535	—	—
\$50,000 or more.....	97,838	1,423,070	14,545	114,789	1,807,208	15,744	—	—
Kansas, total.....	311,518	3,373,943	10,831	909,480	3,873,719	4,259	93,926	47,414
Under \$10,000 ²	12,752	126,869	9,949	180,798	62,842	348	36,996	24,289
\$10,000 under \$15,000.....	12,524	104,999	8,384	118,718	107,032	902	32,415	18,772
\$15,000 under \$30,000.....	63,865	469,093	7,345	281,117	582,927	2,074	24,515	4,353
\$30,000 under \$50,000.....	114,887	967,139	8,418	205,069	924,635	4,509	—	—
\$50,000 or more.....	107,490	1,705,846	15,870	123,778	2,196,283	17,744	—	—

See notes following Table 20.

Selected Historical Data

Table 2.—Individual Income and Tax by State and Size of Adjusted Gross Income, 1988—(Continued)

[Money amounts are in thousands of dollars, except where indicated]

State	Number of returns	Number of exemptions	Adjusted gross income (AGI)	Salaries and wages		Dividends	
				Number of returns	Amount	Number of returns	Amount
				(1)	(2)	(3)	(4)	(5)	(6)	(7)
Kentucky, total	1,462,021	3,310,030	33,896,908	1,232,988	26,100,907	229,620	696,800
Under \$10,000 ²	510,518	757,386	1,950,600	393,395	1,835,180	33,089	38,747
\$10,000 under \$15,000.....	197,985	434,418	2,452,132	160,069	1,827,302	17,956	27,293
\$15,000 under \$30,000.....	375,841	955,040	8,158,097	331,709	6,673,419	51,808	84,956
\$30,000 under \$50,000.....	249,950	754,119	9,620,735	233,420	8,281,341	61,776	101,182
\$50,000 or more.....	127,727	409,067	11,715,344	114,395	7,483,665	64,991	444,622
Louisiana, total	1,624,851	3,861,739	36,695,999	1,382,874	28,901,423	245,782	664,766
Under \$10,000 ²	592,089	945,486	1,765,654	471,240	2,248,749	35,083	43,331
\$10,000 under \$15,000.....	225,107	535,642	2,783,035	188,441	2,179,962	17,579	25,162
\$15,000 under \$30,000.....	399,904	1,076,931	8,638,876	351,942	7,091,752	54,685	80,625
\$30,000 under \$50,000.....	256,851	801,650	9,911,876	237,326	8,425,150	64,950	95,792
\$50,000 or more.....	150,900	502,030	13,596,558	133,925	8,955,810	73,485	419,856
Maine, total	559,574	1,182,522	13,612,661	478,735	10,090,489	104,758	344,857
Under \$10,000 ²	172,333	200,298	676,674	138,029	627,880	16,863	19,387
\$10,000 under \$15,000.....	76,870	146,979	958,084	63,284	721,445	9,680	17,033
\$15,000 under \$30,000.....	155,789	365,119	3,375,315	137,230	2,715,644	25,837	51,888
\$30,000 under \$50,000.....	103,480	307,955	3,973,692	95,675	3,320,390	26,513	59,357
\$50,000 or more.....	51,102	162,171	4,628,896	44,517	2,705,130	25,865	197,192
Maryland, total	2,280,568	4,652,599	72,436,875	1,984,380	56,124,626	482,013	1,521,841
Under \$10,000 ²	593,507	618,124	2,043,497	474,700	2,226,690	63,376	71,143
\$10,000 under \$15,000.....	257,810	467,267	3,216,208	214,658	2,521,717	26,949	46,342
\$15,000 under \$30,000.....	588,642	1,190,711	12,787,928	523,025	10,698,568	84,237	152,528
\$30,000 under \$50,000.....	443,200	1,149,859	17,253,451	407,196	14,617,365	115,639	217,388
\$50,000 or more.....	397,409	1,226,638	37,135,791	364,801	26,060,286	191,812	1,034,440
Massachusetts, total	2,957,625	5,739,601	93,776,346	2,534,434	71,329,398	679,262	2,254,596
Under \$10,000 ²	765,812	737,837	2,648,731	576,808	2,711,879	100,497	117,181
\$10,000 under \$15,000.....	323,341	551,475	4,043,872	256,018	2,925,801	47,258	76,123
\$15,000 under \$30,000.....	819,585	1,511,338	17,855,578	728,661	14,783,065	139,799	234,352
\$30,000 under \$50,000.....	577,193	1,495,362	22,424,268	538,520	19,188,524	156,877	283,902
\$50,000 or more.....	471,694	1,443,589	46,803,897	434,427	31,720,129	234,831	1,543,038
Michigan, total	4,070,748	8,681,885	115,418,716	3,455,876	91,593,086	1,044,714	2,637,101
Under \$10,000 ²	1,255,350	1,432,186	4,764,671	974,268	4,138,688	136,465	157,520
\$10,000 under \$15,000.....	457,012	896,734	5,672,965	343,678	3,846,914	76,610	119,770
\$15,000 under \$30,000.....	949,808	2,139,536	20,735,914	814,264	16,292,712	196,154	353,634
\$30,000 under \$50,000.....	814,672	2,309,448	31,783,577	764,830	27,608,056	286,211	395,097
\$50,000 or more.....	593,906	1,903,981	52,461,589	558,836	39,706,716	349,274	1,611,080
Minnesota, total	1,954,919	4,196,959	53,715,062	1,649,107	41,352,346	462,918	1,157,540
Under \$10,000 ²	585,324	635,641	1,805,168	448,703	2,009,338	72,833	76,777
\$10,000 under \$15,000.....	226,488	438,065	2,822,043	173,276	1,943,665	37,559	60,475
\$15,000 under \$30,000.....	505,641	1,146,086	11,042,162	435,184	8,616,080	103,684	161,168
\$30,000 under \$50,000.....	389,044	1,164,193	15,077,329	361,858	12,733,951	118,401	166,351
\$50,000 or more.....	248,422	812,974	22,968,360	230,086	16,049,312	130,441	692,769
Mississippi, total	970,163	2,323,724	19,462,925	848,674	15,560,495	119,496	281,515
Under \$10,000 ²	379,055	651,377	1,281,962	318,394	1,545,568	17,396	18,834
\$10,000 under \$15,000.....	145,386	352,735	1,794,928	126,432	1,472,357	9,320	12,036
\$15,000 under \$30,000.....	239,409	660,235	5,142,030	215,537	4,322,170	28,245	37,467
\$30,000 under \$50,000.....	139,950	442,605	5,364,883	129,930	4,568,140	32,495	43,610
\$50,000 or more.....	66,363	216,772	5,879,122	58,381	3,652,260	32,040	169,568
Missouri, total	2,223,788	4,893,220	57,032,913	1,860,590	43,382,294	479,026	1,499,981
Under \$10,000 ²	711,437	918,380	2,546,892	550,622	2,476,002	67,303	76,788
\$10,000 under \$15,000.....	287,526	605,633	3,571,324	224,192	2,557,115	38,461	64,339
\$15,000 under \$30,000.....	572,415	1,386,121	12,444,946	490,958	9,854,909	107,651	193,058
\$30,000 under \$50,000.....	407,082	1,197,494	15,724,317	374,250	13,303,656	128,673	214,243
\$50,000 or more.....	245,328	785,592	22,745,434	220,568	15,190,612	136,938	951,553

See notes following Table 20.

Selected Historical Data

Table 2.—Individual Income and Tax by State and Size of Adjusted Gross Income, 1988—(Continued)

[Money amounts are in thousands of dollars, except where indicated]

State	Interest		Sales of capital assets, net gain less loss		Unemployment compensation	
	Number of returns	Amount	Number of returns	Amount	Number of returns	Amount
	(8)	(9)	(10)	(11)	(12)	(13)
Kentucky, total	801,048	1,913,153	132,081	1,225,938	120,989	157,841
Under \$10,000 ²	180,618	275,068	19,050	59,673	25,198	31,602
\$10,000 under \$15,000.....	88,381	199,978	10,595	18,634	19,482	26,404
\$15,000 under \$30,000.....	217,046	440,974	29,552	66,839	45,580	61,989
\$30,000 under \$50,000.....	195,916	356,017	31,446	31,446	25,514	30,733
\$50,000 or more.....	119,087	641,116	41,438	985,111	5,215	7,113
Louisiana, total	851,565	2,147,481	130,810	943,525	117,733	191,654
Under \$10,000 ²	195,054	275,982	17,583	59,323	34,761	46,226
\$10,000 under \$15,000.....	91,827	182,411	8,632	7,368	20,093	34,172
\$15,000 under \$30,000.....	224,840	453,217	25,995	31,599	39,610	70,012
\$30,000 under \$50,000.....	199,988	396,975	30,989	58,229	18,963	32,982
\$50,000 or more.....	139,856	838,896	47,611	787,006	4,306	8,262
Maine, total	372,519	778,814	57,405	694,967	34,797	49,729
Under \$10,000 ²	82,883	90,011	7,055	17,181	7,289	9,816
\$10,000 under \$15,000.....	42,886	75,465	4,470	9,025	6,888	9,601
\$15,000 under \$30,000.....	107,210	182,418	13,023	42,217	12,698	19,333
\$30,000 under \$50,000.....	89,895	155,191	14,100	69,087	6,773	9,172
\$50,000 or more.....	49,645	275,729	18,757	557,457	1,149	1,807
Maryland, total	1,493,494	3,525,965	235,914	3,125,198	89,474	162,025
Under \$10,000 ²	261,101	315,924	22,696	113,497	14,921	25,376
\$10,000 under \$15,000.....	122,845	122,488	10,469	12,011	13,993	25,887
\$15,000 under \$30,000.....	360,972	556,045	34,403	56,373	29,866	55,809
\$30,000 under \$50,000.....	370,105	618,148	50,708	117,479	21,505	37,512
\$50,000 or more.....	378,471	1,825,360	117,638	2,925,838	9,189	17,441
Massachusetts, total	2,205,260	5,508,609	328,015	4,958,957	165,659	404,661
Under \$10,000 ²	431,815	546,436	35,257	127,483	19,690	37,845
\$10,000 under \$15,000.....	204,038	413,514	16,644	17,014	22,647	51,911
\$15,000 under \$30,000.....	595,606	1,059,890	54,243	86,069	55,689	143,829
\$30,000 under \$50,000.....	515,052	997,695	70,178	190,269	46,704	116,678
\$50,000 or more.....	458,749	2,491,074	151,693	4,538,122	20,929	54,398
Michigan, total	2,706,856	5,782,382	468,370	3,306,294	406,529	850,427
Under \$10,000 ²	574,237	661,999	58,134	145,141	49,744	89,113
\$10,000 under \$15,000.....	261,090	550,170	32,636	31,646	48,317	105,869
\$15,000 under \$30,000.....	631,325	1,236,913	91,431	139,170	121,922	302,436
\$30,000 under \$50,000.....	678,524	1,087,733	109,825	227,113	133,132	250,307
\$50,000 or more.....	561,680	2,245,567	176,344	2,763,224	53,414	102,702
Minnesota, total	1,409,904	3,128,087	291,306	2,200,573	119,457	262,451
Under \$10,000 ²	332,487	400,286	42,230	111,313	16,394	26,496
\$10,000 under \$15,000.....	140,336	308,537	24,279	37,374	17,174	33,141
\$15,000 under \$30,000.....	362,523	696,872	66,624	135,942	44,466	106,765
\$30,000 under \$50,000.....	337,205	568,457	67,896	157,415	32,256	74,957
\$50,000 or more.....	237,353	1,153,935	90,277	1,758,529	9,167	21,092
Mississippi, total	417,992	1,023,175	67,629	566,473	74,956	84,758
Under \$10,000 ²	92,293	134,031	9,117	30,789	27,893	31,582
\$10,000 under \$15,000.....	47,066	100,385	5,143	7,739	13,973	16,026
\$15,000 under \$30,000.....	116,424	235,058	15,140	32,281	22,077	25,021
\$30,000 under \$50,000.....	101,717	198,647	16,720	47,832	9,588	10,314
\$50,000 or more.....	60,492	355,054	21,509	447,832	1,425	1,815
Missouri, total	1,394,915	3,789,808	272,906	2,117,936	158,110	216,175
Under \$10,000 ²	308,842	452,871	38,533	67,085	36,565	48,676
\$10,000 under \$15,000.....	150,652	387,460	22,650	31,212	25,646	35,142
\$15,000 under \$30,000.....	366,916	878,027	62,602	118,904	51,493	73,628
\$30,000 under \$50,000.....	336,242	715,845	64,146	157,931	35,447	46,472
\$50,000 or more.....	232,263	1,355,605	84,975	1,742,804	8,959	12,257

See notes following Table 20.

Selected Historical Data

Table 2.—Individual Income and Tax by State and Size of Adjusted Gross Income, 1988—(Continued)

[Money amounts are in thousands of dollars, except where indicated]

State	Itemized deductions			Total tax liability			Earned income credit	
	Number of returns	Amount	Average (whole dollars)	Number of returns	Amount	Average (whole dollars)	Number of returns	Amount
	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)
Kentucky, total	363,117	3,555,575	9,792	1,171,043	4,316,821	3,686	197,167	106,466
Under \$10,000 ²	12,770	101,494	7,948	244,436	87,559	358	95,927	62,807
\$10,000 under \$15,000.....	14,240	98,506	6,918	177,033	150,858	852	61,610	36,452
\$15,000 under \$30,000.....	82,626	567,951	6,874	372,207	739,384	1,986	39,630	7,207
\$30,000 under \$50,000.....	142,404	1,151,904	8,089	249,697	1,095,898	4,389	—	—
\$50,000 or more.....	111,077	1,635,720	14,726	127,670	2,243,122	17,570	—	—
Louisiana, total	346,492	3,664,841	10,577	1,231,546	4,743,265	3,851	300,045	168,052
Under \$10,000 ²	14,676	135,741	9,249	246,092	87,998	358	160,401	104,538
\$10,000 under \$15,000.....	15,730	188,876	12,007	187,010	149,623	800	90,205	54,470
\$15,000 under \$30,000.....	80,275	607,577	7,569	391,220	744,804	1,904	49,439	9,044
\$30,000 under \$50,000.....	121,079	1,033,119	8,533	256,443	1,135,152	4,427	—	—
\$50,000 or more.....	114,732	1,699,528	14,813	150,781	2,625,688	17,414	—	—
Maine, total	141,914	1,532,076	10,796	476,470	1,734,552	3,640	49,245	24,820
Under \$10,000 ²	4,732	40,691	8,599	96,346	33,472	347	19,872	12,872
\$10,000 under \$15,000.....	5,115	38,926	7,610	71,440	67,533	945	16,779	9,696
\$15,000 under \$30,000.....	29,913	217,696	7,278	154,287	320,556	2,078	12,594	2,252
\$30,000 under \$50,000.....	56,528	477,557	8,448	103,344	453,831	4,391	—	—
\$50,000 or more.....	45,626	757,206	16,596	51,053	859,160	16,829	—	—
Maryland, total	890,152	12,011,681	13,494	1,985,631	10,119,779	5,097	178,170	91,590
Under \$10,000 ²	20,614	231,859	11,248	334,094	115,580	346	70,496	47,237
\$10,000 under \$15,000.....	24,267	280,653	11,565	233,611	218,752	936	61,488	35,985
\$15,000 under \$30,000.....	159,090	1,249,398	7,853	578,373	1,223,704	2,116	46,186	8,369
\$30,000 under \$50,000.....	307,264	3,040,108	9,894	442,365	1,982,676	4,482	—	—
\$50,000 or more.....	378,917	7,209,663	19,027	397,188	6,579,067	16,564	—	—
Massachusetts, total	953,532	12,689,083	13,307	2,636,421	14,026,555	5,320	139,659	68,151
Under \$10,000 ²	28,318	352,719	12,456	473,145	174,580	369	53,625	34,687
\$10,000 under \$15,000.....	29,218	308,725	10,566	305,329	309,355	1,013	46,963	26,591
\$15,000 under \$30,000.....	159,726	1,285,248	8,047	810,750	1,877,567	2,316	39,071	6,873
\$30,000 under \$50,000.....	312,745	2,938,457	9,396	575,910	2,780,703	4,828	—	—
\$50,000 or more.....	423,525	7,803,934	18,426	471,287	8,884,350	18,851	—	—
Michigan, total	1,377,884	14,678,245	10,653	3,426,991	15,985,587	4,665	291,467	147,176
Under \$10,000 ²	38,265	337,463	8,819	655,465	216,932	331	132,668	82,280
\$10,000 under \$15,000.....	43,341	426,658	9,844	423,561	385,152	909	91,699	52,972
\$15,000 under \$30,000.....	239,169	1,752,424	7,327	940,327	1,994,300	2,121	67,100	11,924
\$30,000 under \$50,000.....	510,904	4,236,093	8,291	813,917	3,774,671	4,638	—	—
\$50,000 or more.....	546,205	7,925,607	14,510	593,721	9,614,532	16,194	—	—
Minnesota, total	717,060	8,454,434	11,790	1,704,970	7,114,012	4,173	122,226	60,193
Under \$10,000 ²	23,970	211,521	8,824	358,202	120,291	336	49,122	31,339
\$10,000 under \$15,000.....	25,878	189,155	7,309	211,079	203,279	963	40,824	23,215
\$15,000 under \$30,000.....	152,418	1,147,761	7,530	499,121	1,068,053	2,140	32,280	5,639
\$30,000 under \$50,000.....	277,316	2,501,302	9,019	388,298	1,684,503	4,338	—	—
\$50,000 or more.....	237,478	4,408,696	18,565	248,270	4,037,887	16,264	—	—
Mississippi, total	196,098	1,967,886	10,035	699,294	2,286,857	3,270	227,381	131,110
Under \$10,000 ²	7,492	78,621	10,494	140,893	50,130	356	128,831	84,869
\$10,000 under \$15,000.....	9,062	66,149	7,300	118,415	91,026	769	65,216	40,060
\$15,000 under \$30,000.....	47,873	375,105	7,835	233,906	432,498	1,849	33,334	6,181
\$30,000 under \$50,000.....	75,036	621,653	8,285	139,752	599,654	4,291	—	—
\$50,000 or more.....	56,635	826,358	14,591	66,328	1,113,549	16,789	—	—
Missouri, total	573,403	6,205,031	10,821	1,846,613	7,765,828	4,205	232,142	122,113
Under \$10,000 ²	18,949	342,912	18,097	368,848	126,743	344	104,115	67,941
\$10,000 under \$15,000.....	20,946	159,771	7,628	260,242	229,723	883	76,342	44,911
\$15,000 under \$30,000.....	113,407	901,134	7,946	565,618	1,171,582	2,071	51,685	9,261
\$30,000 under \$50,000.....	213,679	1,747,873	8,180	406,693	1,854,698	4,560	—	—
\$50,000 or more.....	206,422	3,053,341	14,792	245,212	4,383,082	17,875	—	—

See notes following Table 20.

Selected Historical Data

Table 2.—Individual Income and Tax by State and Size of Adjusted Gross Income, 1988—(Continued)

[Money amounts are in thousands of dollars, except where indicated]

State	Number of returns	Number of exemptions	Adjusted gross income (AGI)	Salaries and wages		Dividends	
				Number of returns	Amount	Number of returns	Amount
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Montana, total	341,432	783,861	6,993,799	266,445	4,963,883	79,040	210,628
Under \$10,000 ²	127,894	184,951	206,462	91,389	411,917	16,969	19,929
\$10,000 under \$15,000	45,152	103,377	560,437	33,807	374,974	8,347	13,793
\$15,000 under \$30,000	88,331	238,832	1,919,884	72,538	1,403,482	21,196	37,304
\$30,000 under \$50,000	55,647	176,843	2,129,888	48,981	1,650,204	18,971	36,825
\$50,000 or more	24,408	79,858	2,177,128	19,730	1,123,306	13,557	102,777
Nebraska, total	707,083	1,592,462	16,679,617	575,307	12,078,419	149,962	366,914
Under \$10,000 ²	234,529	290,735	583,886	176,656	795,030	25,260	25,885
\$10,000 under \$15,000	91,402	191,047	1,136,291	70,541	795,978	13,050	20,818
\$15,000 under \$30,000	189,468	493,127	4,128,696	159,642	3,130,063	37,695	56,935
\$30,000 under \$50,000	127,258	403,076	4,881,458	113,366	3,845,975	39,644	59,957
\$50,000 or more	64,426	214,477	5,949,286	55,102	3,511,373	34,313	203,319
Nevada, total	538,320	1,119,839	15,778,564	465,343	11,066,110	86,010	402,436
Under \$10,000 ²	154,001	196,744	445,779	123,619	633,865	11,669	19,032
\$10,000 under \$15,000	75,414	141,969	939,698	64,770	762,747	6,813	13,504
\$15,000 under \$30,000	149,744	325,397	3,227,397	133,314	2,686,263	19,982	38,414
\$30,000 under \$50,000	98,237	271,607	3,790,353	90,460	3,203,257	21,816	43,038
\$50,000 or more	60,924	184,122	7,375,337	53,180	3,779,978	25,730	288,448
New Hampshire, total	551,062	1,124,535	16,986,394	478,948	12,845,715	121,770	413,199
Under \$10,000 ²	144,472	137,812	527,885	113,758	526,631	17,350	19,309
\$10,000 under \$15,000	61,163	105,522	765,642	50,627	589,717	8,308	14,397
\$15,000 under \$30,000	147,998	299,087	3,219,716	132,443	2,680,709	25,149	45,967
\$30,000 under \$50,000	114,340	321,967	4,457,786	106,662	3,825,450	30,201	57,312
\$50,000 or more	83,089	260,147	8,015,365	75,458	5,223,208	40,762	276,214
New Jersey, total	4,012,242	8,279,411	137,372,239	3,442,971	105,202,973	1,033,703	3,554,631
Under \$10,000 ²	1,028,280	1,072,262	4,046,225	776,828	3,721,756	153,323	183,438
\$10,000 under \$15,000	476,620	901,677	5,944,409	389,716	4,550,704	68,311	134,132
\$15,000 under \$30,000	1,044,813	2,147,662	22,722,752	922,077	18,862,854	194,081	405,368
\$30,000 under \$50,000	749,706	1,951,367	29,182,264	693,302	24,910,661	233,412	489,785
\$50,000 or more	712,823	2,206,443	75,476,589	661,048	53,156,998	384,576	2,341,908
New Mexico, total	622,506	1,465,152	13,547,661	526,400	10,495,568	107,621	306,716
Under \$10,000 ²	227,516	370,340	641,629	182,677	846,776	16,903	21,748
\$10,000 under \$15,000	86,030	201,470	1,067,465	71,791	832,540	8,510	14,471
\$15,000 under \$30,000	157,307	419,939	3,390,365	136,789	2,746,127	25,353	43,400
\$30,000 under \$50,000	96,558	298,589	3,713,507	87,054	3,054,451	28,062	51,028
\$50,000 or more	55,095	174,814	4,734,695	48,089	3,015,674	28,793	176,069
New York, total	8,065,968	16,699,184	262,846,434	6,793,597	192,906,331	1,886,936	7,846,635
Under \$10,000 ²	2,239,756	2,686,516	7,761,180	1,644,684	7,885,896	289,131	361,184
\$10,000 under \$15,000	954,418	1,860,420	11,875,902	752,367	8,629,024	139,829	253,619
\$15,000 under \$30,000	2,162,452	4,593,999	46,989,593	1,899,223	38,545,721	380,734	757,207
\$30,000 under \$50,000	1,493,352	3,885,878	57,919,723	1,384,643	49,296,039	443,074	880,801
\$50,000 or more	1,215,990	3,672,371	138,300,036	1,112,680	88,549,651	634,168	5,593,824
North Carolina, total	2,930,193	6,224,697	72,136,931	2,595,778	56,003,147	507,222	1,476,014
Under \$10,000 ²	938,286	1,203,527	3,979,765	785,434	3,731,910	65,619	73,403
\$10,000 under \$15,000	435,470	864,991	5,411,327	383,848	4,499,673	34,922	53,147
\$15,000 under \$30,000	766,113	1,804,719	16,487,496	696,162	13,881,800	109,046	173,687
\$30,000 under \$50,000	498,678	1,441,562	19,200,102	466,915	16,379,573	135,580	219,364
\$50,000 or more	291,646	909,898	27,058,241	263,419	17,510,191	162,055	956,413
North Dakota, total	278,963	644,591	5,843,679	216,031	4,119,608	51,242	93,930
Under \$10,000 ²	98,232	130,391	185,312	71,320	319,628	9,683	8,495
\$10,000 under \$15,000	37,818	83,831	469,566	27,447	300,406	5,255	7,080
\$15,000 under \$30,000	74,728	204,889	1,619,212	59,313	1,118,288	13,582	19,182
\$30,000 under \$50,000	47,628	155,809	1,823,288	41,232	1,374,946	12,685	17,641
\$50,000 or more	20,557	69,671	1,746,301	16,719	1,006,340	10,037	41,532

See notes following Table 20.

Selected Historical Data

Table 2.—Individual Income and Tax by State and Size of Adjusted Gross Income, 1988—(Continued)

[Money amounts are in thousands of dollars, except where indicated]

State	Interest		Sales of capital assets, net gain less loss		Unemployment compensation	
	Number of returns	Amount	Number of returns	Amount	Number of returns	Amount
	(8)	(9)	(10)	(11)	(12)	(13)
Montana, total	231,168	602,191	59,854	349,438	24,678	37,338
Under \$10,000 ²	65,952	91,377	13,391	32,331	5,548	6,787
\$10,000 under \$15,000.....	27,953	61,194	6,361	11,307	4,104	6,258
\$15,000 under \$30,000.....	65,238	149,809	15,665	39,567	9,705	16,099
\$30,000 under \$50,000.....	48,633	120,632	13,174	48,953	4,549	7,003
\$50,000 or more.....	23,392	179,179	11,263	217,280	772	1,191
Nebraska, total	489,575	1,252,752	102,436	630,526	31,269	38,054
Under \$10,000 ²	126,196	163,583	16,623	32,673	7,434	8,819
\$10,000 under \$15,000.....	54,913	134,204	9,352	16,364	5,467	6,871
\$15,000 under \$30,000.....	135,579	311,803	26,201	57,347	11,523	14,314
\$30,000 under \$50,000.....	110,906	257,375	24,743	73,106	5,869	6,815
\$50,000 or more.....	61,981	385,787	25,517	451,036	976	1,235
Nevada, total	283,881	961,020	60,054	1,380,217	33,740	52,780
Under \$10,000 ²	49,878	86,296	7,434	34,891	5,901	8,904
\$10,000 under \$15,000.....	29,326	54,470	4,332	3,357	5,325	6,689
\$15,000 under \$30,000.....	78,350	150,734	12,692	18,982	11,231	18,566
\$30,000 under \$50,000.....	71,316	144,154	14,102	42,015	8,390	12,455
\$50,000 or more.....	55,011	525,366	21,494	1,280,972	2,893	4,166
New Hampshire, total	396,463	928,626	63,879	1,212,513	19,545	26,215
Under \$10,000 ²	77,562	94,727	6,625	16,591	1,754	2,107
\$10,000 under \$15,000.....	35,106	68,293	3,438	6,167	2,546	2,716
\$15,000 under \$30,000.....	102,738	175,368	11,245	26,772	6,816	8,842
\$30,000 under \$50,000.....	100,128	176,248	14,719	55,497	6,114	8,454
\$50,000 or more.....	80,929	413,990	27,852	1,107,486	2,315	4,096
New Jersey, total	2,801,454	7,636,823	472,012	7,067,732	221,279	476,116
Under \$10,000 ²	532,763	717,234	51,178	92,046	33,481	64,631
\$10,000 under \$15,000.....	256,369	541,223	23,712	15,789	32,859	71,534
\$15,000 under \$30,000.....	696,463	1,373,995	74,812	85,829	66,803	152,057
\$30,000 under \$50,000.....	637,515	1,337,916	98,304	206,937	55,268	116,398
\$50,000 or more.....	678,344	3,666,455	224,006	6,667,131	32,868	71,496
New Mexico, total	337,503	851,894	70,416	522,991	35,991	58,662
Under \$10,000 ²	76,508	102,471	10,524	27,164	11,500	17,646
\$10,000 under \$15,000.....	38,028	70,349	5,517	6,017	6,978	12,337
\$15,000 under \$30,000.....	93,960	183,269	15,628	25,723	11,715	19,605
\$30,000 under \$50,000.....	77,140	167,274	16,953	39,099	4,720	7,341
\$50,000 or more.....	51,867	328,531	21,794	424,988	1,078	1,733
New York, total	5,625,696	17,629,232	958,766	14,752,766	456,042	856,876
Under \$10,000 ²	1,131,068	1,779,436	112,018	469,816	91,726	155,879
\$10,000 under \$15,000.....	548,092	1,240,187	56,647	47,654	75,686	149,133
\$15,000 under \$30,000.....	1,474,472	3,070,544	170,541	226,329	142,118	284,981
\$30,000 under \$50,000.....	1,299,777	2,823,607	209,467	446,511	98,276	176,186
\$50,000 or more.....	1,172,287	8,715,458	410,093	13,562,456	48,236	90,697
North Carolina, total	1,585,403	3,352,305	269,066	3,207,471	189,267	175,460
Under \$10,000 ²	307,327	377,448	30,414	74,792	38,283	34,848
\$10,000 under \$15,000.....	169,882	277,396	17,261	26,965	38,620	32,054
\$15,000 under \$30,000.....	435,221	674,764	53,068	113,778	68,404	63,520
\$30,000 under \$50,000.....	396,640	613,267	64,647	202,354	38,099	36,913
\$50,000 or more.....	276,333	1,409,430	103,676	2,789,582	5,861	8,125
North Dakota, total	198,844	493,802	43,592	216,317	18,468	30,261
Under \$10,000 ²	56,184	67,380	8,435	22,982	3,393	4,141
\$10,000 under \$15,000.....	24,515	56,570	4,838	10,323	3,142	4,856
\$15,000 under \$30,000.....	56,163	138,804	12,400	38,404	7,776	13,686
\$30,000 under \$50,000.....	42,154	101,778	9,597	37,067	3,653	6,688
\$50,000 or more.....	19,828	129,270	8,322	107,541	504	890

See notes following Table 20.

Selected Historical Data

Table 2.—Individual Income and Tax by State and Size of Adjusted Gross Income, 1988—(Continued)

[Money amounts are in thousands of dollars, except where indicated]

State	Itemized deductions			Total tax liability			Earned income credit	
	Number of returns	Amount	Average (whole dollars)	Number of returns	Amount	Average (whole dollars)	Number of returns	Amount
	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)
Montana, total	95,055	899,655	9,465	270,592	885,490	3,272	40,124	20,856
Under \$10,000 ²	7,043	51,202	7,270	63,849	23,360	366	18,756	11,955
\$10,000 under \$15,000	5,963	40,002	6,708	40,104	35,092	875	12,807	7,385
\$15,000 under \$30,000	26,655	190,303	7,139	86,738	172,459	1,988	8,561	1,516
\$30,000 under \$50,000	34,641	296,716	8,565	55,507	240,563	4,334	—	—
\$50,000 or more	20,753	321,432	15,488	24,394	414,016	16,972	—	—
Nebraska, total	177,615	1,932,053	10,878	595,147	2,223,594	3,736	63,049	32,034
Under \$10,000 ²	7,428	70,520	9,494	134,404	46,446	346	26,003	17,008
\$10,000 under \$15,000	8,339	166,164	19,926	82,746	77,241	933	21,276	12,244
\$15,000 under \$30,000	40,694	293,204	7,205	186,547	386,124	2,070	15,770	2,782
\$30,000 under \$50,000	68,155	573,473	8,414	127,050	568,147	4,472	—	—
\$50,000 or more	52,999	828,692	15,636	64,400	1,145,636	17,789	—	—
Nevada, total	150,656	1,782,360	11,831	451,305	2,430,925	5,386	49,379	25,840
Under \$10,000 ²	6,935	76,370	11,012	77,270	30,227	391	19,543	13,279
\$10,000 under \$15,000	7,289	56,375	7,734	68,012	62,839	924	17,833	10,358
\$15,000 under \$30,000	35,834	289,821	8,088	147,124	303,296	2,061	12,003	2,203
\$30,000 under \$50,000	52,398	498,148	9,507	98,040	445,349	4,543	—	—
\$50,000 or more	48,200	861,646	17,876	60,859	1,589,214	26,113	—	—
New Hampshire, total	170,016	2,084,874	12,263	487,894	2,493,351	5,110	29,387	14,430
Under \$10,000 ²	5,845	68,319	11,688	87,094	30,561	351	10,429	6,949
\$10,000 under \$15,000	5,405	44,853	8,298	57,279	57,910	1,011	10,434	5,962
\$15,000 under \$30,000	29,760	278,300	9,351	146,339	326,247	2,229	8,524	1,519
\$30,000 under \$50,000	59,624	571,776	9,590	114,146	525,246	4,602	—	—
\$50,000 or more	69,382	1,121,626	16,166	83,036	1,553,387	18,707	—	—
New Jersey, total	1,354,029	19,026,943	14,052	3,532,924	21,016,484	5,949	277,038	141,900
Under \$10,000 ²	37,789	503,811	13,332	615,686	218,732	355	101,202	68,430
\$10,000 under \$15,000	44,785	354,865	7,924	429,930	397,854	925	104,806	60,527
\$15,000 under \$30,000	224,436	1,899,432	8,463	1,026,996	2,235,342	2,177	71,030	12,943
\$30,000 under \$50,000	414,845	4,086,458	9,851	747,991	3,577,122	4,782	—	—
\$50,000 or more	632,174	12,182,377	19,271	712,321	14,587,434	20,479	—	—
New Mexico, total	154,822	1,677,765	10,837	473,404	1,652,676	3,491	105,367	56,536
Under \$10,000 ²	7,741	65,128	8,413	95,969	34,411	359	53,971	34,060
\$10,000 under \$15,000	7,357	51,628	7,018	72,138	59,934	831	31,923	18,926
\$15,000 under \$30,000	37,761	294,435	7,797	153,864	290,620	1,889	19,473	3,550
\$30,000 under \$50,000	54,829	490,469	8,945	96,393	415,994	4,316	—	—
\$50,000 or more	47,134	776,106	16,466	55,040	851,717	15,475	—	—
New York, total	2,881,562	42,587,279	14,779	6,922,932	39,081,267	5,645	710,531	371,120
Under \$10,000 ²	81,472	1,046,988	12,851	1,241,364	450,252	363	300,250	201,450
\$10,000 under \$15,000	96,572	809,657	8,384	856,656	791,884	924	238,695	139,308
\$15,000 under \$30,000	549,852	4,359,162	7,928	2,120,741	4,486,593	2,116	171,586	30,362
\$30,000 under \$50,000	999,725	9,132,469	9,135	1,489,393	6,946,723	4,664	—	—
\$50,000 or more	1,153,941	27,239,003	23,605	1,214,778	26,405,815	21,737	—	—
North Carolina, total	838,262	8,951,249	10,678	2,394,791	9,173,920	3,831	389,037	214,080
Under \$10,000 ²	28,194	213,315	7,566	456,907	159,495	349	169,160	116,062
\$10,000 under \$15,000	34,481	229,073	6,643	391,470	341,468	872	138,411	82,887
\$15,000 under \$30,000	190,248	1,310,424	6,888	756,795	1,503,492	1,987	81,466	15,131
\$30,000 under \$50,000	314,797	2,717,772	8,633	498,125	2,159,195	4,335	—	—
\$50,000 or more	270,542	4,480,665	16,562	291,494	5,010,270	17,188	—	—
North Dakota, total	56,412	521,678	9,248	232,905	760,218	3,264	27,920	13,922
Under \$10,000 ²	3,318	25,438	7,667	57,117	20,452	358	11,479	7,288
\$10,000 under \$15,000	3,051	23,099	7,571	34,297	31,816	928	9,524	5,416
\$15,000 under \$30,000	13,304	94,193	7,080	73,433	152,485	2,077	6,917	1,218
\$30,000 under \$50,000	21,656	171,959	7,940	47,511	216,253	4,552	—	—
\$50,000 or more	15,083	206,989	13,723	20,547	339,212	16,509	—	—

See notes following Table 20.

Selected Historical Data

Table 2.—Individual Income and Tax by State and Size of Adjusted Gross Income, 1988—(Continued)

[Money amounts are in thousands of dollars, except where indicated]

State	Number of returns	Number of exemptions	Adjusted gross income (AGI)	Salaries and wages		Dividends	
				Number of returns	Amount	Number of returns	Amount
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Ohio, total	4,910,300	10,371,862	126,962,086	4,168,436	99,121,164	1,092,878	3,076,617
Under \$10,000 ²	1,523,898	1,796,902	6,012,543	1,179,724	5,170,682	158,655	168,010
\$10,000 under \$15,000.....	598,455	1,177,071	7,437,454	465,411	5,287,023	86,731	132,402
\$15,000 under \$30,000.....	1,314,943	2,960,463	28,669,276	1,153,826	23,404,601	247,582	400,447
\$30,000 under \$50,000.....	954,449	2,760,265	36,844,164	895,171	32,056,738	302,638	454,698
\$50,000 or more.....	518,555	1,677,161	47,998,649	474,304	33,202,120	297,272	1,921,060
Oklahoma, total	1,261,471	2,941,589	29,223,780	1,033,979	22,370,959	205,269	566,469
Under \$10,000 ²	422,406	640,227	867,148	319,471	1,511,314	28,055	36,984
\$10,000 under \$15,000.....	166,253	384,049	2,066,198	130,293	1,503,567	15,196	21,955
\$15,000 under \$30,000.....	336,986	885,022	7,310,901	286,357	5,777,560	47,335	68,330
\$30,000 under \$50,000.....	216,764	654,300	8,336,058	194,971	6,831,755	56,742	79,978
\$50,000 or more.....	119,062	377,991	10,643,475	102,887	6,746,763	57,941	359,222
Oregon, total	1,244,597	2,763,557	30,732,270	1,019,632	22,404,763	250,765	698,511
Under \$10,000 ²	403,326	549,881	1,373,448	305,832	1,422,200	43,000	55,409
\$10,000 under \$15,000.....	158,651	337,428	1,969,121	120,983	1,369,509	22,930	42,160
\$15,000 under \$30,000.....	330,595	808,573	7,211,112	279,735	5,603,071	60,725	117,983
\$30,000 under \$50,000.....	226,164	671,536	8,699,656	204,031	7,071,303	61,735	120,239
\$50,000 or more.....	125,861	396,139	11,478,933	109,051	6,938,680	62,375	362,720
Pennsylvania, total	5,415,730	11,437,072	144,760,544	4,472,325	108,488,530	1,247,576	4,142,760
Under \$10,000 ²	1,662,775	2,011,996	5,943,457	1,211,811	5,265,782	212,975	250,770
\$10,000 under \$15,000.....	685,039	1,352,723	8,519,182	521,845	5,901,411	109,728	200,293
\$15,000 under \$30,000.....	1,446,704	3,256,778	31,496,826	1,253,366	25,232,572	284,261	560,279
\$30,000 under \$50,000.....	1,019,230	2,922,541	39,268,007	944,252	33,532,192	307,621	612,840
\$50,000 or more.....	601,982	1,893,034	59,533,072	541,051	38,556,573	332,991	2,518,578
Rhode Island, total	473,107	942,725	13,237,315	406,480	9,844,058	102,846	306,854
Under \$10,000 ²	136,195	140,692	561,068	106,405	492,011	15,647	14,948
\$10,000 under \$15,000.....	60,883	106,949	759,440	50,077	573,615	8,798	12,227
\$15,000 under \$30,000.....	127,854	264,637	2,770,180	113,514	2,268,416	23,553	35,840
\$30,000 under \$50,000.....	90,725	253,121	3,507,490	84,546	2,974,016	25,496	44,837
\$50,000 or more.....	57,450	177,326	5,639,137	51,938	3,536,000	29,352	199,002
South Carolina, total	1,462,810	3,195,799	33,859,836	1,305,494	26,983,333	217,386	603,915
Under \$10,000 ²	487,202	656,035	2,050,355	418,224	1,982,471	27,917	34,138
\$10,000 under \$15,000.....	213,741	442,267	2,659,011	189,121	2,240,072	15,058	23,150
\$15,000 under \$30,000.....	385,185	939,483	8,273,174	350,460	7,042,809	48,217	79,025
\$30,000 under \$50,000.....	244,934	734,907	9,442,181	229,169	8,088,531	59,824	98,504
\$50,000 or more.....	131,748	423,107	11,435,115	118,520	7,629,450	66,370	369,098
South Dakota, total	298,523	689,697	5,987,482	234,481	4,167,914	56,999	131,776
Under \$10,000 ²	109,794	151,744	137,612	80,268	353,367	11,962	12,324
\$10,000 under \$15,000.....	41,668	94,204	518,042	31,751	349,736	6,197	8,998
\$15,000 under \$30,000.....	81,024	225,302	1,756,614	66,481	1,263,011	15,576	24,590
\$30,000 under \$50,000.....	47,326	155,426	1,795,460	41,170	1,337,028	13,664	21,408
\$50,000 or more.....	18,711	63,021	1,779,754	14,811	864,772	9,600	64,456
Tennessee, total	2,096,527	4,591,827	50,987,500	1,828,935	40,096,007	300,751	930,112
Under \$10,000 ²	701,635	979,046	2,537,497	572,197	2,686,212	42,054	48,541
\$10,000 under \$15,000.....	291,496	615,284	3,623,433	248,335	2,900,632	22,278	31,627
\$15,000 under \$30,000.....	555,953	1,353,993	12,005,895	502,409	10,188,133	66,539	98,359
\$30,000 under \$50,000.....	350,385	1,023,015	13,458,499	328,206	11,715,340	77,964	113,920
\$50,000 or more.....	197,058	620,489	19,362,176	177,788	12,605,690	91,916	637,665
Texas, total	7,004,545	16,311,182	179,976,591	5,996,900	140,393,813	1,094,378	4,010,191
Under \$10,000 ²	2,371,518	3,668,122	3,950,686	1,896,860	9,043,322	143,949	220,453
\$10,000 under \$15,000.....	903,783	2,128,009	11,215,224	763,469	8,930,842	66,352	105,966
\$15,000 under \$30,000.....	1,742,305	4,468,744	37,720,204	1,538,483	31,364,706	215,842	347,744
\$30,000 under \$50,000.....	1,156,957	3,413,327	44,752,952	1,059,129	37,852,784	278,478	445,860
\$50,000 or more.....	829,982	2,632,980	82,337,525	738,959	53,202,159	389,757	2,890,168

See notes following Table 20.

Table 2.—Individual Income and Tax by State and Size of Adjusted Gross Income, 1988—(Continued)

[Money amounts are in thousands of dollars, except where indicated]

State	Interest		Sales of capital assets, net gain less loss		Unemployment compensation	
	Number of returns	Amount	Number of returns	Amount	Number of returns	Amount
	(8)	(9)	(10)	(11)	(12)	(13)
Ohio, total.....	3,154,227	6,831,511	475,378	3,993,992	295,039	538,843
Under \$10,000 ²	698,928	856,542	57,697	91,006	49,505	76,768
\$10,000 under \$15,000.....	327,349	709,631	33,227	30,707	43,577	79,689
\$15,000 under \$30,000.....	851,670	1,621,985	101,920	149,520	102,368	207,184
\$30,000 under \$50,000.....	786,266	1,324,720	118,623	267,660	78,298	136,929
\$50,000 or more.....	490,014	2,318,633	163,911	3,455,099	21,291	38,273
Oklahoma, total.....	705,581	2,006,992	132,558	874,504	64,264	101,442
Under \$10,000 ²	155,088	262,375	20,486	60,873	13,484	21,269
\$10,000 under \$15,000.....	75,087	179,948	10,712	12,782	10,662	17,999
\$15,000 under \$30,000.....	195,380	439,668	30,280	45,742	22,995	37,015
\$30,000 under \$50,000.....	169,294	377,831	31,643	63,966	13,661	20,099
\$50,000 or more.....	110,732	747,170	39,437	691,141	3,462	5,060
Oregon, total.....	803,759	2,041,915	182,601	1,348,346	102,804	170,586
Under \$10,000 ²	183,534	262,621	27,889	56,132	20,884	28,563
\$10,000 under \$15,000.....	87,476	206,793	16,287	16,914	16,411	27,894
\$15,000 under \$30,000.....	221,057	469,222	43,763	77,110	37,570	65,967
\$30,000 under \$50,000.....	191,367	391,520	43,433	125,112	22,512	37,961
\$50,000 or more.....	120,325	711,759	51,229	1,073,078	5,427	10,201
Pennsylvania, total.....	3,729,601	8,421,501	541,092	5,913,040	410,351	785,863
Under \$10,000 ²	855,863	1,124,974	71,385	135,474	70,146	106,549
\$10,000 under \$15,000.....	407,469	882,745	39,439	34,013	63,354	115,277
\$15,000 under \$30,000.....	1,007,943	1,934,311	111,435	179,558	148,815	310,921
\$30,000 under \$50,000.....	880,551	1,572,556	124,323	324,663	102,251	197,536
\$50,000 or more.....	577,775	2,906,915	194,510	5,239,332	25,785	55,580
Rhode Island, total.....	323,205	795,701	47,528	701,131	39,418	73,312
Under \$10,000 ²	66,326	84,856	5,381	17,478	5,775	8,826
\$10,000 under \$15,000.....	34,535	72,192	2,841	3,087	6,364	11,045
\$15,000 under \$30,000.....	88,109	173,308	8,942	16,803	13,111	25,742
\$30,000 under \$50,000.....	78,824	157,584	10,901	37,326	10,961	20,749
\$50,000 or more.....	55,411	307,761	19,463	626,437	3,207	6,950
South Carolina, total.....	725,611	1,505,082	120,763	1,162,658	78,066	78,573
Under \$10,000 ²	135,783	163,180	13,685	31,575	20,649	21,787
\$10,000 under \$15,000.....	76,323	125,541	7,684	10,199	15,747	15,059
\$15,000 under \$30,000.....	203,089	316,423	24,387	47,857	24,841	24,217
\$30,000 under \$50,000.....	187,389	292,205	30,295	82,969	14,303	14,207
\$50,000 or more.....	123,027	607,733	44,712	990,058	2,526	3,303
South Dakota, total.....	199,833	511,634	53,354	329,091	11,068	14,782
Under \$10,000 ²	58,643	76,042	11,118	24,846	2,384	3,102
\$10,000 under \$15,000.....	25,144	60,885	6,230	13,666	2,083	2,720
\$15,000 under \$30,000.....	57,466	137,954	15,436	50,352	4,396	6,179
\$30,000 under \$50,000.....	40,660	100,057	11,708	53,481	1,963	2,479
\$50,000 or more.....	17,920	136,696	8,862	186,746	242	302
Tennessee, total.....	1,097,985	2,674,033	174,231	2,481,960	157,896	181,189
Under \$10,000 ²	226,739	322,899	21,715	101,752	39,518	42,463
\$10,000 under \$15,000.....	117,433	243,304	12,095	21,949	28,102	31,570
\$15,000 under \$30,000.....	301,578	567,367	36,292	74,913	55,125	63,689
\$30,000 under \$50,000.....	269,046	485,267	40,672	117,336	28,936	33,796
\$50,000 or more.....	183,189	1,055,196	63,457	2,166,010	6,215	9,671
Texas, total.....	3,663,091	12,124,331	717,356	8,953,766	345,575	649,098
Under \$10,000 ²	764,936	1,529,427	92,664	994,542	87,919	133,644
\$10,000 under \$15,000.....	346,223	759,420	43,861	47,916	61,596	117,912
\$15,000 under \$30,000.....	923,202	2,020,408	134,045	184,268	113,165	227,245
\$30,000 under \$50,000.....	867,836	1,990,482	164,312	304,169	61,263	123,904
\$50,000 or more.....	760,894	5,824,594	282,474	7,422,871	21,632	46,393

See notes following Table 20.

Selected Historical Data

Table 2.—Individual Income and Tax by State and Size of Adjusted Gross Income, 1988—(Continued)

[Money amounts are in thousands of dollars, except where indicated]

State	Itemized deductions			Total tax liability			Earned income credit	
	Number of returns	Amount	Average (whole dollars)	Number of returns	Amount	Average (whole dollars)	Number of returns	Amount
	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)
Ohio, total	1,357,259	13,958,960	10,285	4,131,853	16,995,443	4,113	397,824	203,503
Under \$10,000 ²	33,684	280,836	8,337	802,957	264,328	329	176,277	112,626
\$10,000 under \$15,000.....	42,426	364,612	8,594	553,914	506,085	914	126,296	73,990
\$15,000 under \$30,000.....	302,043	1,895,437	6,275	1,302,886	2,794,160	2,145	95,251	16,887
\$30,000 under \$50,000.....	530,354	4,242,243	7,999	953,709	4,371,925	4,584	—	—
\$50,000 or more.....	448,752	7,175,832	15,991	518,387	9,058,945	17,475	—	—
Oklahoma, total	363,814	3,851,695	10,587	1,009,243	3,773,751	3,739	170,047	91,095
Under \$10,000 ²	18,360	160,092	8,720	197,061	73,519	373	80,802	53,305
\$10,000 under \$15,000.....	17,259	195,571	11,332	144,886	123,053	849	53,780	31,420
\$15,000 under \$30,000.....	89,571	648,564	7,241	331,878	649,550	1,957	35,465	6,370
\$30,000 under \$50,000.....	133,271	1,147,232	8,608	216,447	945,665	4,369	—	—
\$50,000 or more.....	105,353	1,700,236	16,138	118,971	1,981,964	16,659	—	—
Oregon, total	432,026	4,637,353	10,734	1,022,446	3,926,222	3,840	115,402	59,953
Under \$10,000 ²	24,703	188,424	7,628	202,785	70,576	348	52,119	33,897
\$10,000 under \$15,000.....	22,672	163,158	7,196	142,276	126,099	886	37,067	21,355
\$15,000 under \$30,000.....	106,522	784,030	7,360	325,779	662,495	2,034	26,216	4,701
\$30,000 under \$50,000.....	159,970	1,444,680	9,031	225,815	973,097	4,309	—	—
\$50,000 or more.....	118,159	2,057,061	17,409	125,791	2,093,955	16,646	—	—
Pennsylvania, total	1,397,735	14,772,128	10,569	4,573,403	20,468,235	4,475	413,340	210,361
Under \$10,000 ²	38,590	329,023	8,526	883,859	290,720	329	171,480	111,002
\$10,000 under \$15,000.....	45,978	345,428	7,513	636,879	580,443	911	139,152	81,118
\$15,000 under \$30,000.....	280,495	1,967,666	7,015	1,432,842	3,057,769	2,134	102,708	18,241
\$30,000 under \$50,000.....	525,670	4,316,644	8,212	1,018,124	4,659,349	4,576	—	—
\$50,000 or more.....	507,002	7,813,367	15,411	601,699	11,879,954	19,744	—	—
Rhode Island, total	135,146	1,597,405	11,820	411,009	1,849,294	4,499	30,996	15,630
Under \$10,000 ²	3,665	32,601	8,895	79,141	27,597	349	12,401	7,990
\$10,000 under \$15,000.....	4,352	33,989	7,810	57,333	55,887	975	10,706	6,241
\$15,000 under \$30,000.....	25,191	190,091	7,546	126,547	275,873	2,180	7,889	1,399
\$30,000 under \$50,000.....	50,418	451,658	8,958	90,575	412,106	4,550	—	—
\$50,000 or more.....	51,520	889,066	17,257	57,413	1,077,831	18,773	—	—
South Carolina, total	405,820	4,262,597	10,504	1,162,368	4,033,980	3,470	222,372	123,444
Under \$10,000 ²	11,762	95,615	8,129	218,359	75,287	345	104,611	71,145
\$10,000 under \$15,000.....	16,453	107,644	6,543	188,368	160,227	851	73,701	44,140
\$15,000 under \$30,000.....	97,877	694,181	7,092	379,323	731,763	1,929	44,060	8,159
\$30,000 under \$50,000.....	157,098	1,366,671	8,699	244,663	1,036,847	4,238	—	—
\$50,000 or more.....	122,630	1,998,486	16,297	131,655	2,029,856	15,418	—	—
South Dakota, total	48,140	438,933	9,118	242,592	806,725	3,325	33,350	16,983
Under \$10,000 ²	3,019	24,422	8,089	59,796	21,178	354	14,272	9,101
\$10,000 under \$15,000.....	2,960	23,041	7,784	37,312	34,297	919	11,226	6,486
\$15,000 under \$30,000.....	12,733	95,488	7,499	79,551	162,732	2,046	7,852	1,396
\$30,000 under \$50,000.....	18,067	142,686	7,898	47,226	213,811	4,527	—	—
\$50,000 or more.....	11,361	153,296	13,493	18,707	374,707	20,030	—	—
Tennessee, total	417,866	4,443,989	10,634	1,680,338	6,949,202	4,136	295,669	160,502
Under \$10,000 ²	15,026	159,248	10,598	325,501	115,861	356	141,372	93,343
\$10,000 under \$15,000.....	17,428	155,956	8,949	258,971	221,571	856	94,258	56,185
\$15,000 under \$30,000.....	91,330	672,310	7,361	548,857	1,095,028	1,995	60,039	10,974
\$30,000 under \$50,000.....	148,055	1,235,548	8,345	350,042	1,577,603	4,507	—	—
\$50,000 or more.....	146,027	2,220,928	15,209	196,967	3,939,139	19,999	—	—
Texas, total	1,598,476	19,412,438	12,144	5,490,667	26,243,766	4,780	1,052,374	576,551
Under \$10,000 ²	73,003	1,101,221	15,085	1,050,730	395,936	377	526,818	345,328
\$10,000 under \$15,000.....	60,232	503,022	8,351	752,239	645,501	858	329,033	195,306
\$15,000 under \$30,000.....	307,236	2,427,540	7,901	1,703,467	3,400,703	1,996	196,523	35,917
\$30,000 under \$50,000.....	523,802	4,724,624	9,020	1,155,049	5,310,031	4,597	—	—
\$50,000 or more.....	634,203	10,656,031	16,802	829,182	16,491,595	19,889	—	—

See notes following Table 20.

Selected Historical Data

Table 2.—Individual Income and Tax by State and Size of Adjusted Gross Income, 1988—(Continued)

[Money amounts are in thousands of dollars, except where indicated]

State	Number of returns	Number of exemptions	Adjusted gross income (AGI)	Salaries and wages		Dividends	
				Number of returns	Amount	Number of returns	Amount
				(1)	(2)	(3)	(4)	(5)	(6)	(7)
Utah, total	633,791	1,638,327	15,621,806	542,438	12,254,310	108,687	269,422
Under \$10,000 ²	205,641	246,975	602,035	163,652	734,750	16,854	20,140
\$10,000 under \$15,000	72,879	168,813	906,342	57,973	664,992	8,802	13,191
\$15,000 under \$30,000	164,237	486,321	3,614,388	143,306	2,917,295	25,936	38,151
\$30,000 under \$50,000	127,740	486,371	4,917,982	119,833	4,242,706	29,742	43,110
\$50,000 or more	63,294	249,847	5,581,059	57,674	3,694,567	27,353	154,830
Vermont, total	262,246	543,556	6,718,500	222,860	4,872,934	60,952	214,865
Under \$10,000 ²	79,827	89,983	302,213	61,108	277,507	10,606	13,646
\$10,000 under \$15,000	34,874	63,206	435,231	28,982	328,302	5,278	10,180
\$15,000 under \$30,000	71,914	161,709	1,556,749	63,926	1,262,000	13,858	30,343
\$30,000 under \$50,000	48,065	141,202	1,850,125	44,605	1,535,172	15,040	34,416
\$50,000 or more	27,566	87,456	2,574,182	24,239	1,469,953	16,170	126,280
Virginia, total	2,775,451	5,801,423	82,543,262	2,432,977	64,001,994	599,293	1,803,057
Under \$10,000 ²	765,320	849,954	2,779,078	625,908	2,934,853	73,958	78,714
\$10,000 under \$15,000	335,949	629,601	4,182,210	286,114	3,366,568	33,013	50,831
\$15,000 under \$30,000	718,213	1,570,831	15,657,440	643,278	13,208,764	111,096	175,898
\$30,000 under \$50,000	527,629	1,433,074	20,453,998	487,203	17,426,339	153,239	249,920
\$50,000 or more	428,340	1,317,963	39,470,536	390,474	27,065,470	227,987	1,247,694
Washington, total	2,128,574	4,613,926	58,391,204	1,777,629	43,748,858	445,400	1,323,490
Under \$10,000 ²	616,304	748,134	1,869,986	478,332	2,208,136	65,625	80,500
\$10,000 under \$15,000	252,698	502,718	3,141,726	195,789	2,243,937	35,540	63,698
\$15,000 under \$30,000	560,265	1,285,094	12,256,767	474,834	9,669,289	101,759	190,970
\$30,000 under \$50,000	430,543	1,239,659	16,655,159	391,028	13,888,724	114,211	213,756
\$50,000 or more	268,764	838,321	24,467,566	237,646	15,738,772	128,265	774,566
West Virginia, total	678,668	1,576,116	15,439,009	565,320	11,855,123	119,838	341,451
Under \$10,000 ²	230,400	344,355	1,024,842	174,686	775,868	18,258	19,080
\$10,000 under \$15,000	93,599	216,290	1,159,940	71,981	808,369	11,237	16,972
\$15,000 under \$30,000	176,015	461,503	3,818,660	153,398	3,059,969	28,502	48,256
\$30,000 under \$50,000	124,066	378,992	4,784,212	116,505	4,170,024	33,924	53,513
\$50,000 or more	54,588	174,976	4,651,355	48,750	3,040,893	27,917	203,630
Wisconsin, total	2,168,726	4,672,098	56,322,304	1,841,424	43,293,615	495,589	1,319,282
Under \$10,000 ²	690,184	790,149	2,583,290	532,921	2,329,557	86,223	86,407
\$10,000 under \$15,000	258,784	506,183	3,213,605	201,014	2,242,777	44,711	72,934
\$15,000 under \$30,000	546,340	1,273,221	11,964,859	477,614	9,551,737	112,896	196,208
\$30,000 under \$50,000	439,116	1,336,695	16,985,921	413,744	14,704,635	129,151	205,631
\$50,000 or more	234,302	765,850	21,574,629	216,131	14,464,909	122,608	758,102
Wyoming, total	198,632	461,960	4,869,800	167,062	3,670,475	41,455	142,817
Under \$10,000 ²	65,558	83,972	88,468	50,625	227,959	7,040	12,884
\$10,000 under \$15,000	22,911	50,071	284,492	18,376	206,221	3,356	6,194
\$15,000 under \$30,000	49,204	130,229	1,077,676	42,576	849,512	9,244	18,129
\$30,000 under \$50,000	40,160	128,414	1,561,065	37,125	1,324,852	11,525	21,295
\$50,000 or more	20,799	69,274	1,858,099	18,360	1,061,931	10,290	84,315
Other areas, total ³	592,936	1,141,227	10,085,508	320,695	14,371,062	135,393	554,397
Under \$10,000 ²	377,470	574,771	-973,166	151,421	3,186,606	57,786	60,780
\$10,000 under \$15,000	49,822	114,384	612,633	33,470	781,412	11,050	27,252
\$15,000 under \$30,000	72,948	184,633	1,557,017	55,680	1,875,027	20,207	63,158
\$30,000 under \$50,000	41,393	114,110	1,591,219	35,171	1,859,318	15,386	60,257
\$50,000 or more	51,303	153,329	7,297,804	44,953	6,668,699	30,964	342,950

See notes following Table 20.

Selected Historical Data

Table 2.—Individual Income and Tax by State and Size of Adjusted Gross Income, 1988—(Continued)

[Money amounts are in thousands of dollars, except where indicated]

State	Interest		Sales of capital assets, net gain less loss		Unemployment compensation	
	Number of returns	Amount	Number of returns	Amount	Number of returns	Amount
	(8)	(9)	(10)	(11)	(12)	(13)
Utah, total	409,780	746,020	76,762	498,496	34,768	58,682
Under \$10,000 ²	92,375	101,148	11,578	36,874	6,135	8,393
\$10,000 under \$15,000.....	40,485	69,224	5,952	7,732	5,564	9,315
\$15,000 under \$30,000.....	111,058	167,785	17,609	26,819	12,968	23,721
\$30,000 under \$50,000.....	106,315	139,473	19,477	37,091	8,458	14,463
\$50,000 or more.....	59,547	268,390	22,146	389,980	1,643	2,790
Vermont, total	179,010	392,927	34,772	450,656	14,611	21,532
Under \$10,000 ²	41,262	49,291	4,947	13,518	2,918	3,940
\$10,000 under \$15,000.....	19,198	37,056	2,662	6,003	2,870	4,325
\$15,000 under \$30,000.....	49,781	86,351	7,510	22,258	5,307	8,086
\$30,000 under \$50,000.....	42,017	74,267	8,153	39,618	2,946	4,233
\$50,000 or more.....	26,752	145,962	11,500	369,259	570	948
Virginia, total	1,670,898	4,015,045	302,106	3,810,973	124,450	132,758
Under \$10,000 ²	297,228	397,301	28,962	112,588	22,956	22,991
\$10,000 under \$15,000.....	143,946	262,641	14,279	19,432	23,224	22,929
\$15,000 under \$30,000.....	411,809	693,481	48,667	86,630	45,550	49,042
\$30,000 under \$50,000.....	416,184	724,136	68,732	176,286	26,166	28,066
\$50,000 or more.....	401,731	1,937,486	141,466	3,416,037	6,554	9,730
Washington, total	1,410,995	3,622,581	308,178	2,897,085	173,128	321,154
Under \$10,000 ²	281,750	382,470	37,703	91,854	31,538	49,949
\$10,000 under \$15,000.....	138,304	302,142	23,056	23,633	27,067	50,531
\$15,000 under \$30,000.....	374,387	779,121	67,961	106,661	61,079	120,022
\$30,000 under \$50,000.....	360,972	721,535	76,590	190,802	41,260	75,952
\$50,000 or more.....	255,582	1,437,313	102,868	2,485,135	12,184	24,700
West Virginia, total	404,069	851,095	51,256	400,975	60,090	110,946
Under \$10,000 ²	93,615	120,284	7,068	9,232	12,720	18,186
\$10,000 under \$15,000.....	49,210	107,568	4,311	5,787	9,695	18,558
\$15,000 under \$30,000.....	110,514	215,211	11,636	22,544	23,072	46,825
\$30,000 under \$50,000.....	99,720	161,756	12,707	35,207	12,493	23,399
\$50,000 or more.....	51,010	246,276	15,534	328,205	2,110	3,978
Wisconsin, total	1,611,898	3,224,865	298,932	2,700,381	185,647	274,196
Under \$10,000 ²	405,339	445,395	47,441	103,767	28,222	35,571
\$10,000 under \$15,000.....	169,323	361,608	27,260	53,774	26,099	38,324
\$15,000 under \$30,000.....	413,686	764,310	71,639	198,783	65,145	105,862
\$30,000 under \$50,000.....	396,251	607,367	71,041	233,374	52,572	75,611
\$50,000 or more.....	227,299	1,046,185	81,551	2,110,683	13,609	18,828
Wyoming, total	129,258	353,087	28,114	239,712	14,160	24,326
Under \$10,000 ²	31,217	40,607	4,938	15,556	2,630	3,615
\$10,000 under \$15,000.....	12,681	26,450	2,305	3,630	2,301	3,934
\$15,000 under \$30,000.....	32,711	66,559	6,403	12,345	5,826	10,923
\$30,000 under \$50,000.....	33,165	61,016	6,983	18,356	2,827	4,813
\$50,000 or more.....	19,484	158,455	7,485	189,825	576	1,041
Other areas, total ³	306,477	1,240,734	107,932	1,135,019	6,876	17,216
Under \$10,000 ²	153,620	385,423	54,647	82,391	2,232	5,513
\$10,000 under \$15,000.....	28,465	99,275	7,676	15,581	1,113	2,778
\$15,000 under \$30,000.....	47,452	182,490	13,132	47,803	2,072	4,968
\$30,000 under \$50,000.....	31,395	131,433	9,733	59,243	931	2,425
\$50,000 or more.....	45,545	442,113	22,744	930,001	528	1,532

See notes following Table 20.

Table 2.—Individual Income and Tax by State and Size of Adjusted Gross Income, 1988—(Continued)

[Money amounts are in thousands of dollars, except where indicated]

State	Itemized deductions			Total tax liability			Earned income credit	
	Number of returns	Amount	Average (whole dollars)	Number of returns	Amount	Average (whole dollars)	Number of returns	Amount
	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)
Utah, total	242,327	2,763,786	11,405	519,318	1,785,660	3,438	62,843	32,028
Under \$10,000 ²	9,829	86,305	8,781	105,553	34,862	330	25,844	17,104
\$10,000 under \$15,000	10,065	74,600	7,412	63,719	54,261	852	21,064	12,107
\$15,000 under \$30,000	63,670	496,985	7,806	159,495	292,495	1,834	15,935	2,817
\$30,000 under \$50,000	99,012	980,657	9,904	127,343	474,653	3,727	—	—
\$50,000 or more	59,751	1,125,239	18,832	63,208	929,389	14,704	—	—
Vermont, total	71,773	848,745	11,825	226,301	902,309	3,987	19,853	9,872
Under \$10,000 ²	2,862	37,837	13,220	46,811	16,590	354	7,815	5,023
\$10,000 under \$15,000	2,703	82,189	30,407	32,781	32,426	989	6,833	3,933
\$15,000 under \$30,000	15,165	108,437	7,150	71,178	151,459	2,128	5,205	916
\$30,000 under \$50,000	26,486	222,160	8,388	47,984	215,233	4,486	—	—
\$50,000 or more	24,557	398,122	16,212	27,547	486,601	17,664	—	—
Virginia, total	947,342	12,187,907	12,865	2,384,297	11,376,690	4,772	240,019	127,356
Under \$10,000 ²	22,421	248,779	11,096	416,897	140,672	337	98,619	67,565
\$10,000 under \$15,000	27,122	213,664	7,878	304,442	279,537	918	83,546	49,394
\$15,000 under \$30,000	174,660	1,357,849	7,774	708,090	1,474,170	2,082	57,854	10,397
\$30,000 under \$50,000	328,573	3,176,353	9,667	526,777	2,346,538	4,455	—	—
\$50,000 or more	394,566	7,191,262	18,226	428,091	7,135,773	16,669	—	—
Washington, total	609,609	6,468,649	10,611	1,803,651	8,226,418	4,561	164,165	83,199
Under \$10,000 ²	25,144	288,105	11,458	322,539	113,709	353	70,140	44,893
\$10,000 under \$15,000	24,765	192,424	7,770	230,135	212,625	924	53,937	31,206
\$15,000 under \$30,000	127,879	964,507	7,542	552,430	1,180,493	2,137	40,088	7,100
\$30,000 under \$50,000	224,733	1,972,553	8,777	429,948	1,984,879	4,617	—	—
\$50,000 or more	207,088	3,051,060	14,733	268,599	4,734,712	17,627	—	—
West Virginia, total	112,784	1,095,659	9,715	543,065	1,892,380	3,485	88,501	46,610
Under \$10,000 ²	3,146	24,937	7,927	106,179	35,040	330	41,023	26,348
\$10,000 under \$15,000	3,513	28,469	8,104	83,654	67,480	807	28,395	16,818
\$15,000 under \$30,000	21,047	146,196	6,946	174,690	343,947	1,969	19,083	3,444
\$30,000 under \$50,000	45,423	354,557	7,806	123,983	556,688	4,490	—	—
\$50,000 or more	39,655	541,500	13,655	54,559	889,225	16,298	—	—
Wisconsin, total	690,165	7,135,563	10,339	1,855,499	7,378,982	3,977	144,322	72,626
Under \$10,000 ²	23,609	179,525	7,604	400,925	123,306	308	61,219	39,067
\$10,000 under \$15,000	24,269	246,536	10,158	241,493	222,647	922	47,389	27,317
\$15,000 under \$30,000	136,752	950,223	6,949	540,302	1,142,565	2,115	35,714	6,242
\$30,000 under \$50,000	287,583	2,390,661	8,313	438,541	1,901,810	4,337	—	—
\$50,000 or more	217,952	3,368,618	15,456	234,238	3,988,654	17,028	—	—
Wyoming, total	47,687	449,606	9,428	162,950	679,182	4,168	19,658	10,191
Under \$10,000 ²	2,487	25,731	10,346	33,027	11,650	353	8,558	5,561
\$10,000 under \$15,000	1,953	14,400	7,373	20,530	18,282	891	6,536	3,813
\$15,000 under \$30,000	10,191	72,706	7,134	48,508	98,690	2,035	4,564	817
\$30,000 under \$50,000	18,805	150,237	7,989	40,100	182,922	4,562	—	—
\$50,000 or more	14,251	186,532	13,089	20,785	367,638	17,688	—	—
Other areas, total ³	142,878	1,432,067	10,023	342,413	1,592,029	4,649	2,046	1,079
Under \$10,000 ²	45,822	127,289	2,778	153,263	141,931	926	890	569
\$10,000 under \$15,000	12,839	68,507	5,336	39,407	40,685	1,032	753	434
\$15,000 under \$30,000	25,095	165,725	6,604	63,426	126,694	1,998	403	76
\$30,000 under \$50,000	20,771	194,666	9,372	36,583	163,753	4,476	—	—
\$50,000 or more	38,351	875,880	22,839	49,734	1,118,966	22,499	—	—

See notes following Table 20.

Selected Historical Data

Table 3.—Number of Individual Returns, Income, Tax, and Average Tax, By Size of Income, Tax Years 1985–1988

[All figures are estimates based on samples—money amounts are in thousands of dollars except as indicated]

Size of adjusted gross income	Number of returns for—		Adjusted gross income (AGI) ¹		Taxable income	
	1985	1986	1985	1986	1985	1986
	(1)	(2)	(3)	(4)	(5)	(6)
Total	101,660,287	103,045,170	2,305,951,483	2,481,681,046	1,820,740,833	1,947,024,584
Less than \$1,000 ^{1,2}	3,292,007	3,082,866	-36,740,956	-41,192,239	6,856	2,988
\$1,000 under \$3,000	6,771,487	6,943,446	13,581,245	14,071,650	5,947,953	6,091,094
\$3,000 under \$5,000	6,685,481	6,918,848	26,769,868	27,868,449	16,049,013	16,360,716
\$5,000 under \$7,000	6,570,968	6,476,499	39,356,896	38,957,006	25,680,025	24,601,096
\$7,000 under \$9,000	6,664,279	6,193,124	53,477,888	49,544,545	37,544,431	33,689,430
\$9,000 under \$11,000	6,235,044	6,143,571	62,125,340	61,191,194	46,036,142	43,902,314
\$11,000 under \$13,000	5,582,921	5,555,106	66,863,381	66,594,415	51,016,092	49,577,787
\$13,000 under \$15,000	5,386,772	5,248,065	75,352,290	73,308,776	58,884,575	56,529,121
\$15,000 under \$17,000	4,895,393	4,744,416	78,225,269	75,841,890	61,708,177	59,389,086
\$17,000 under \$19,000	4,542,598	4,487,236	81,675,266	80,591,475	65,462,334	64,065,790
\$19,000 under \$22,000	6,089,064	6,070,710	124,506,145	124,453,078	100,462,536	98,830,208
\$22,000 under \$25,000	5,051,210	5,218,320	118,539,622	122,393,950	95,256,056	98,488,143
\$25,000 under \$30,000	7,457,947	7,559,001	204,399,150	207,876,371	164,077,078	165,356,830
\$30,000 under \$35,000	6,451,040	6,451,040	209,135,063	398,161,168	320,091,716	313,916,975
\$35,000 under \$40,000	5,184,620	11,489,629	193,807,899	398,161,168	320,091,716	313,916,975
\$40,000 under \$50,000	6,701,544	7,458,776	297,914,321	332,210,863	233,646,097	259,365,436
\$50,000 under \$75,000	5,628,639	6,427,825	333,710,362	381,831,768	259,467,072	295,296,881
\$75,000 under \$100,000	1,263,409	1,546,776	107,424,625	131,926,730	82,293,087	100,211,601
\$100,000 under \$150,000	706,248	706,248	84,315,947	146,973,805	90,834,865	112,757,958
\$150,000 under \$200,000	203,109	11,115,593	34,884,492	146,973,805	90,834,865	112,757,958
\$200,000 under \$300,000	152,523	290,946	36,457,244	82,804,607	52,919,889	64,277,685
\$300,000 under \$500,000	85,565	85,565	32,529,032	82,804,607	52,919,889	64,277,685
\$500,000 under \$1,000,000	41,107	51,558	27,541,427	33,670,463	21,269,595	27,327,574
\$1,000,000 or more	17,312	31,859	40,099,667	72,565,082	32,087,247	56,985,871

Size of adjusted gross income	Total income tax ³		Percentage of returns showing no total income tax		Returns showing total income tax			
					Average tax (whole dollars)		Tax as percentage of AGI	
	1985	1986	1985	1986	1985	1986	1985	1986
	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Total	325,710,254	367,287,213	18.5	18.5	3,931	4,374	14.4	15.1
Less than \$1,000 ^{1,2}	185,922	315,949	99.7	99.5	16,964	19,520	—	—
\$1,000 under \$3,000	41,698	58,848	94.4	94.1	111	143	5.4	7.1
\$3,000 under \$5,000	347,878	331,163	48.2	51.8	100	99	2.4	2.3
\$5,000 under \$7,000	1,193,043	1,047,045	33.9	35.1	275	249	4.6	4.1
\$7,000 under \$9,000	2,259,763	1,953,699	26.3	29.1	460	445	5.7	5.5
\$9,000 under \$11,000	3,480,779	3,203,202	11.8	13.3	633	601	6.3	6.0
\$11,000 under \$13,000	4,548,843	4,326,834	5.9	6.2	865	831	7.2	6.9
\$13,000 under \$15,000	5,789,495	5,409,582	3.9	3.9	1,119	1,073	8.0	7.7
\$15,000 under \$17,000	6,534,361	6,304,604	2.9	2.4	1,375	1,361	8.6	8.5
\$17,000 under \$19,000	7,482,062	7,243,966	2.3	1.6	1,686	1,644	9.4	9.1
\$19,000 under \$22,000	12,203,165	11,947,487	2.0	1.3	2,044	1,995	10.0	9.7
\$22,000 under \$25,000	12,275,305	12,727,389	1.6	0.8	2,469	2,459	10.5	10.5
\$25,000 under \$30,000	22,916,849	22,850,961	1.0	0.8	3,103	3,047	11.3	11.1
\$30,000 under \$35,000	25,080,332	48,628,502	.8	0.5	3,919	4,253	12.1	12.3
\$35,000 under \$40,000	24,713,424	48,628,502	.8	0.5	4,803	4,253	12.8	12.3
\$40,000 under \$50,000	41,501,665	45,744,224	.4	0.2	6,215	6,143	14.0	13.8
\$50,000 under \$75,000	56,064,781	62,459,834	.2	0.2	9,984	9,737	16.8	16.4
\$75,000 under \$100,000	21,794,656	26,280,965	.3	0.2	17,297	17,027	20.3	20.0
\$100,000 under \$150,000	19,895,978	37,289,197	.4	0.2	28,296	33,498	23.7	25.4
\$150,000 under \$200,000	9,760,959	37,289,197	.1	0.2	48,128	33,498	28.0	25.4
\$200,000 under \$300,000	11,362,146	27,066,736	.2	0.2	74,658	93,196	31.2	32.7
\$300,000 under \$500,000	10,670,832	27,066,736	.2	0.2	124,947	93,196	32.2	32.7
\$500,000 under \$1,000,000	9,878,188	12,928,112	.2	0.2	240,714	251,192	35.9	38.5
\$1,000,000 or more	15,728,128	29,168,908	.3	0.2	910,931	917,031	39.3	40.3

See notes following Table 20.

Selected Historical Data

Table 3. (Continued)—Number of Individual Returns, Income, Tax, and Average Tax, By Size of Income, Tax Years 1985–1987

[All figures are estimates based on samples—money amounts are in thousands of dollars, except as indicated]

Size of adjusted gross income	Number of returns for—		Adjusted gross income (AGI) ¹		Taxable income	
	1987	p1988	1987	p1988	1987	p1988
	(1)	(2)	(3)	(4)	(5)	(6)
Total	106,996,270	109,808,729	2,773,824,198	3,097,302,476	1,850,597,119	2,081,050,200
Less than \$1,000 ^{1,2}	3,691,379	4,132,278	-38,160,729	-30,328,443	155,369	171,153
\$1,000 under \$3,000	14,071,650	7,490,618	14,894,572	14,792,826	1,360,813	1,024,768
\$3,000 under \$5,000	6,691,090	6,467,056	26,725,935	25,726,624	3,759,804	2,435,611
\$5,000 under \$7,000	6,422,132	6,240,708	38,413,878	37,529,163	8,264,832	6,402,301
\$7,000 under \$9,000	6,300,234	6,185,278	50,368,689	49,378,092	15,178,900	11,986,869
\$9,000 under \$11,000	5,928,842	5,847,922	59,187,847	58,377,903	21,801,837	18,340,870
\$11,000 under \$13,000	5,580,094	5,421,935	66,951,853	65,049,773	29,932,090	24,785,879
\$13,000 under \$15,000	5,292,576	5,406,837	73,989,299	75,519,250	36,864,357	33,642,950
\$15,000 under \$17,000	4,800,582	4,945,320	76,680,566	79,056,361	41,945,445	39,420,510
\$17,000 under \$19,000	4,487,621	4,639,761	80,697,963	83,375,430	46,210,802	44,023,854
\$19,000 under \$22,000	5,879,795	11,396,593	120,205,955	249,146,483	72,352,317	147,310,195
\$22,000 under \$25,000	5,297,494		124,251,696		78,121,158	
\$25,000 under \$30,000	7,494,827	7,474,376	205,551,504	205,014,579	133,895,752	129,887,776
\$30,000 under \$35,000	11,604,644	11,961,164	402,500,618	415,415,014	270,913,902	274,864,607
\$35,000 under \$40,000		8,232,520	350,409,748	367,676,006	242,712,736	254,373,273
\$40,000 under \$50,000		8,110,447	484,023,071	533,429,045	347,978,968	384,234,835
\$50,000 under \$75,000	2,064,189	2,512,140	175,453,698	213,652,821	129,661,327	159,386,786
\$75,000 under \$100,000	1,513,654	1,795,016	200,973,127	237,769,185	153,927,488	185,443,672
\$100,000 under \$150,000		554,837	124,073,791	163,443,992	100,643,815	137,028,818
\$150,000 under \$200,000		75,352	50,898,244	80,742,982	42,794,638	70,697,392
\$200,000 under \$300,000	429,671	65,303	85,732,872	172,535,388	72,120,769	155,588,082
\$300,000 under \$500,000						
\$500,000 under \$1,000,000						
\$1,000,000 or more						

Size of adjusted gross income	Total income tax ³		Percentage of returns showing no total income tax		Returns showing total income tax			
	1987	p1988	1987	p1988	Average tax (whole dollars)		Tax as percentage of AGI	
					1987	p1988	1987	p1988
(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	
Total	369,202,757	416,108,297	18.9	20.8	4,257	4,874	13.7	13.9
Less than \$1,000 ^{1,2}	180,244	92,594	79.6	78.1	240	102	—	—
\$1,000 under \$3,000	183,643	168,706	70.0	73.8	82	86	4.0	4.5
\$3,000 under \$5,000	435,734	390,020	55.4	64.6	146	170	3.6	4.4
\$5,000 under \$7,000	998,787	946,584	36.4	35.9	244	236	4.1	3.9
\$7,000 under \$9,000	1,790,904	1,788,675	34.3	38.0	433	467	5.4	5.8
\$9,000 under \$11,000	2,581,645	2,547,892	29.2	32.9	615	649	6.1	6.5
\$11,000 under \$13,000	3,649,095	3,324,786	18.8	26.7	806	837	6.7	7.0
\$13,000 under \$15,000	4,701,766	4,497,822	9.0	19.1	976	1,029	7.0	7.4
\$15,000 under \$17,000	5,671,873	5,423,502	3.5	8.3	1,225	1,196	7.7	7.5
\$17,000 under \$19,000	6,288,383	6,361,597	2.9	3.8	1,444	1,425	8.0	7.9
\$19,000 under \$22,000	10,034,366	21,700,059	2.0	1.5	1,742	1,934	8.5	8.8
\$22,000 under \$25,000	11,357,271		1.7		2,181		9.3	
\$25,000 under \$30,000	20,395,355	20,252,636	0.7	0.7	2,741	2,729	10.0	9.9
\$30,000 under \$35,000	42,809,754	44,141,317	0.5	0.5	3,708	3,708	10.7	10.7
\$35,000 under \$40,000		42,635,395	0.3	0.2	5,274	5,187	11.8	11.6
\$40,000 under \$50,000		74,546,669	0.2	0.1	8,630	8,365	14.5	14.0
\$50,000 under \$75,000	31,277,163	35,620,355	0.1	0.1	15,171	14,191	17.8	16.7
\$75,000 under \$100,000	43,415,426	48,405,263	0.2	0.1	28,754	26,993	21.7	20.4
\$100,000 under \$150,000		39,361,543	0.1	0.1	76,866	71,024	26.6	24.1
\$150,000 under \$200,000		20,032,210	0.2	0.1	196,006	168,173	29.0	24.8
\$200,000 under \$300,000	32,978,242	43,870,671	0.3	0.1	702,777	672,378	28.7	25.5
\$300,000 under \$500,000								
\$500,000 under \$1,000,000								
\$1,000,000 or more								

See notes following Table 20.

Selected Historical Data

Table 4.—Reconciliation of Adjusted Gross Income (AGI) and Personal Income Used in the National Income and Product Accounts (NIPA), Selected Years, 1970–1987

[All figures are estimates—money amounts are in billions of dollars]

Income and adjustment items	1970	1975	1980	1985	1986	1987
	(1)	(2)	(3)	(4)	(5)	(6)
1. Personal income (per NIPA).....	831.8	1,313.4	2,258.5	3,325.3	3,526.2	3,777.6
2. Portion of personal income not included in AGI.....	181.2	350.5	608.5	1,021.4	1,100.6	1,090.0
Transfer payments (except taxable military pay and taxable Government pensions).....	79.3	176.9	290.3	416.8	440.8	454.3
Other labor income (except fees).....	31.9	65.0	136.5	184.3	195.7	208.9
Imputed income.....	25.5	33.4	45.1	55.3	71.1	91.9
Investment income received by nonprofit institutions or retained by fiduciaries.....	7.7	11.2	21.7	34.8	33.0	33.1
Investment income retained by life insurance carriers and noninsured pension funds ¹	12.5	23.5	59.9	112.8	119.0	129.1
Differences in accounting treatment (NIPA vs. IRS).....	8.5	16.0	14.1	87.3	97.7	91.2
Other excluded or tax exempt income.....	15.8	24.4	41.0	130.2	143.3	81.5
3. Portion of AGI not included in personal income.....	47.7	85.1	157.8	299.4	397.8	452.2
Personal contributions for social insurance.....	27.9	50.4	88.6	149.3	161.9	172.9
Net capital gain from sales of property.....	8.9	14.2	29.7	69.8	133.6	134.2
Taxable private pensions.....	6.3	13.1	28.3	72.9	94.1	110.0
S Corporation income (taxed through shareholders).....	1.7	2.1	.7	6.2	7.5	23.6
Other taxable income.....	2.9	5.4	10.5	1.2	.6	11.4
4. Total net adjustment for conceptual differences (line 2 minus line 3).....	133.5	265.4	450.7	722.0	702.8	637.8
5. Estimated total AGI (per NIPA) (line 1 minus line 4).....	698.3	1,048.0	1,807.9	2,603.4	2,823.4	3,139.8
6. Adjusted gross income (AGI) (SOI).....	631.7	947.8	1,613.7	2,306.0	2,481.7	2,773.0
7. Estimated difference in AGI (NIPA vs. SOI) (line 5 minus line 6) ²	66.6	100.2	194.1	297.4	341.7	366.0

See notes following Table 20.

Table 5.—Personal Income and Total Adjusted Gross Income Based on Individual Income Tax Returns per National Income and Product Accounts (NIPA), Tax Years 1947–1989

[All figures are estimates—money amounts are in billions of dollars]

Tax year	Personal income (per NIPA) ¹	Total adjusted gross income (AGI) (per NIPA) ¹	Difference	
			Amount	Percentage of personal income
	(1)	(2)	(3)	(4)
1947.....	190.2	170.6	19.6	10.3
1948.....	209.2	184.6	24.6	11.8
1949.....	206.4	181.7	24.7	12.0
1950.....	228.1	201.4	26.7	11.7
1951.....	256.5	228.8	27.7	10.8
1952.....	273.8	241.8	32.0	11.7
1953.....	290.5	257.1	33.4	11.5
1954.....	293.0	256.4	36.6	12.5
1955.....	314.2	277.1	37.1	11.8
1956.....	337.2	297.9	39.3	11.7
1957.....	356.3	310.7	45.6	12.8
1958.....	367.1	316.0	51.1	13.9
1959.....	390.7	338.7	52.0	13.3
1960.....	409.4	352.5	56.9	13.9
1961.....	426.0	365.8	60.2	14.1
1962.....	453.2	387.8	65.4	14.4
1963.....	476.3	408.7	67.6	14.2
1964.....	510.2	442.0	68.2	13.4
1965.....	552.0	479.4	72.6	13.2
1966.....	600.8	520.0	80.8	13.4
1967.....	644.5	555.4	89.1	13.8
1968.....	707.2	610.0	97.2	13.7
1969.....	772.0	663.4	108.6	14.2
1970.....	831.8	698.3	133.5	16.0
1971.....	894.0	745.6	148.4	16.6
1972.....	981.6	824.7	156.9	16.0
1973.....	1,101.7	926.0	175.7	15.9
1974.....	1,210.1	1,004.0	206.1	17.0
1975.....	1,313.4	1,048.0	265.4	20.2
1976.....	1,451.4	1,166.7	284.7	19.6
1977.....	1,607.5	1,297.0	310.5	19.3
1978.....	1,812.4	1,466.9	345.5	19.1
1979.....	2,034.0	1,647.3	386.7	19.0
1980.....	2,258.5	1,807.9	450.6	20.0
1981.....	2,520.9	1,990.0	530.9	21.1
1982.....	2,670.8	2,059.4	611.4	22.9
1983.....	2,838.6	2,176.3	662.3	23.3
1984.....	3,108.7	2,407.3	701.4	22.6
1985.....	3,325.3	2,603.4	713.7	21.5
1986.....	3,526.2	2,823.4	702.8	19.9
1987.....	3,777.6	3,139.8 ²	637.8 ²	16.9 ²
1988.....	4,064.5	n.a.	n.a.	n.a.
p1989.....	4,427.3	n.a.	n.a.	n.a.

See notes following Table 20.

Table 6.—Total Adjusted Gross Income Estimated from National Income and Product Accounts (NIPA) and Adjusted Gross Income Reported on Individual Income Tax Returns per SOI, Tax Years 1947–1988

[All figures are estimates—money amounts are in billions of dollars]

Tax year	Adjusted gross income (AGI)		Difference	
	Total (per NIPA) ¹	Reported on tax returns (per SOI)	Amount	Percentage of total
	(1)	(2)	(3)	(4)
1947.....	170.6	149.7	20.9	12.3
1948.....	184.6	163.6	21.0	11.4
1949.....	181.7	160.6	21.1	11.6
1950.....	201.4	179.1	22.3	11.1
1951.....	228.8	202.4	26.4	11.5
1952.....	241.8	215.3	26.5	11.0
1953.....	257.1	228.7	28.4	11.0
1954.....	256.4	229.2	27.2	10.6
1955.....	277.1	248.5	28.6	10.3
1956.....	279.9	267.8	30.1	10.1
1957.....	310.7	280.4	30.3	9.8
1958.....	316.0	281.2	34.8	11.0
1959.....	338.7	305.1	33.6	9.9
1960.....	352.5	315.5	37.0	10.5
1961.....	365.8	329.9	35.9	9.8
1962.....	387.8	348.7	39.1	10.1
1963.....	408.7	368.8	39.9	9.8
1964.....	442.0	396.7	45.3	10.2
1965.....	479.4	429.2	50.2	10.5
1966.....	520.0	468.5	51.5	9.9
1967.....	555.4	504.8	50.6	9.1
1968.....	610.0	554.4	55.6	9.1
1969.....	663.4	603.5	59.9	9.0
1970.....	698.3	631.7	66.6	9.5
1971.....	745.6	673.6	72.0	9.7
1972.....	824.7	746.0	78.7	9.5
1973.....	926.0	827.1	98.9	10.7
1974.....	1,004.0	905.5	98.5	9.8
1975.....	1,048.0	947.8	100.2	9.6
1976.....	1,166.7	1,053.9	112.8	9.7
1977.....	1,297.0	1,158.5	138.5	10.7
1978.....	1,466.9	1,302.4	164.5	11.2
1979.....	1,647.3	1,465.4	181.9	11.0
1980.....	1,807.9	1,613.7	194.2	10.7
1981.....	1,990.0	1,772.6	217.4	10.9
1982.....	2,059.4	1,852.1	207.3	10.1
1983.....	2,176.3	1,942.6	233.7	10.7
1984.....	2,407.3	2,139.9	267.4	11.1
1985.....	2,603.4	2,306.0	297.4	11.4
1986.....	2,823.4	2,481.7	341.7	12.1
1987.....	3,139.8	2,773.8 ²	366.0 ²	11.7 ²
1988.....	n.a.	3,130.7	n.a.	n.a.
p1989.....	n.a.	3,097.3	n.a.	n.a.

See notes following Table 20.

Selected Historical Data

Table 7.—Standard, Itemized, and Total Deductions Reported on Individual Income Tax Returns, Tax Years 1944–1988

[All figures are estimates based on samples—number of returns are in millions; money amounts are in billions of dollars]

Tax year	Total number of returns	Standard deduction ¹		Itemized deductions		Total deductions	
		Number of returns ²	Amount	Number of returns ²	Amount ³	Amount ⁴	Percentage of adjusted gross income (AGI)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
1944.....	47.1	38.7	8.0	8.4	4.8	12.8	11.0
1945.....	49.9	41.5	8.1	8.5	5.5	13.6	11.3
1946.....	52.8	44.1	8.9	8.8	6.3	15.2	11.3
1947.....	55.1	44.7	9.8	10.4	7.8	17.6	11.8
1948.....	52.1	43.2	11.5	8.8	7.9	19.4	11.9
1949.....	51.8	42.1	11.1	9.7	8.8	19.9	12.4
1950.....	53.1	42.7	12.0	10.3	9.9	21.9	12.2
1951.....	55.4	43.9	13.3	11.6	11.9	25.2	12.5
1952.....	56.5	43.7	13.7	12.8	13.6	27.3	12.7
1953.....	57.8	43.4	14.2	14.4	15.6	29.8	13.0
1954.....	56.7	41.0	13.3	15.7	17.4	30.7	13.4
1955.....	58.3	41.4	13.6	16.9	20.0	33.6	13.5
1956.....	59.2	40.7	13.8	18.5	22.6	36.4	13.6
1957.....	59.8	39.7	13.8	20.2	25.7	39.5	14.1
1958.....	59.1	38.3	13.2	20.8	27.5	40.7	14.5
1959.....	60.3	37.8	13.4	22.5	32.0	45.4	14.9
1960.....	61.0	36.9	13.1	24.1	35.3	48.4	15.3
1961.....	61.5	36.2	12.9	25.3	38.4	51.3	15.6
1962.....	62.7	36.3	13.1	26.5	41.7	54.8	15.7
1963.....	63.9	35.8	13.1	28.2	46.1	59.2	16.1
1964.....	65.4	38.5	20.2	26.9	46.8	67.0	16.9
1965.....	67.6	39.7	20.6	27.9	50.7	71.4	16.6
1966.....	70.2	41.6	21.8	28.6	54.6	76.4	16.3
1967.....	71.7	41.9	22.1	29.8	59.6	81.7	16.2
1968.....	73.7	41.7	22.1	32.0	69.2	91.3	16.4
1969.....	75.8	40.9	21.6	34.9	80.2	101.8	16.8
1970.....	74.3	38.8	32.4	35.4	88.2	120.5	19.0
1971.....	74.6	43.9	48.1	30.7	91.9	139.9	20.7
1972.....	77.6	50.6	69.8	27.0	96.7	166.4	22.2
1973.....	80.7	52.6	73.6	28.0	107.0	180.6	21.8
1974.....	83.3	53.8	76.1	29.6	119.4	195.5	21.6
1975.....	82.2	56.1	100.9	26.1	122.3	233.2	23.5
1976.....	84.7	58.7	113.8	26.0	133.9	247.6	23.5
1977.....	86.6	63.7	137.7	22.9	138.5	276.2	23.8
1978.....	89.8	64.0	139.8	25.8	164.4	304.3	23.4
1979.....	92.7	66.2	148.8	26.5	184.2	333.0	22.7
1980.....	93.9	65.0	146.0	29.0	218.0	346.0	22.6
1981.....	95.4	63.8	144.7	31.6	256.4	401.2	22.6
1982.....	95.3	61.9	140.2	33.4	284.5	425.2	22.9
1983.....	96.3	61.1	138.5	35.2	309.6	448.7	23.1
1984.....	99.4	61.2	139.5	38.2	358.9	499.6	23.3
1985.....	101.7	61.8	145.0	39.8	405.0	554.7	23.9
1986.....	103.0	62.4	151.0	40.7	447.1	611.3	24.6
1987.....	107.0	71.4	215.2	35.6	392.0	607.2	21.9
p1988.....	109.8	76.5	289.6	31.8	388.6	679.1	21.9

See notes following Table 20.

Table 8.—Personal Income Per National Income and Product Accounts (NIPA) and Taxable Income, and Individual Income Tax Per SOI, Tax Years 1947–1989

[All figures are estimates—money amounts are in billions of dollars]

Tax Year	Personal income (per NIPA) ¹	Taxable income (per SOI) ²		Total income tax (per SOI) ³		
		Amount	As a percentage of personal income	Total	As a percentage of—	
					Personal income	Taxable income
	(1)	(2)	(3)	(4)	(5)	(6)
1947.....	190.2	75.4	39.6	18.1	9.5	24.0
1948.....	209.2	74.8	35.8	15.4	7.4	20.6
1949.....	206.4	71.7	34.7	14.5	7.0	20.2
1950.....	228.1	84.3	37.0	18.4	8.1	21.8
1951.....	256.5	99.2	38.7	24.2	9.4	25.9
1952.....	273.8	107.2	39.2	27.8	10.2	25.9
1953.....	290.5	114.3	39.3	29.4	10.1	25.7
1954.....	293.0	115.3	39.4	26.7	9.1	23.2
1955.....	314.2	128.0	40.7	29.6	9.4	23.1
1956.....	337.2	141.5	42.0	32.7	9.7	23.1
1957.....	356.3	149.4	41.9	34.4	9.7	23.0
1958.....	367.1	149.3	40.7	34.3	9.3	23.0
1959.....	390.7	166.5	42.6	38.6	9.9	23.2
1960.....	409.4	171.6	41.9	39.5	9.6	23.0
1961.....	426.0	181.8	42.7	42.2	9.9	23.2
1962.....	453.2	195.3	43.1	44.9	9.9	23.0
1963.....	476.3	209.1	43.9	48.2	10.1	23.1
1964.....	510.2	229.9	45.1	47.2	9.3	20.5
1965.....	552.0	255.1	46.2	49.6	9.0	19.4
1966.....	600.8	286.3	47.7	56.1	9.3	19.6
1967.....	644.5	315.1	48.9	63.0	9.8	20.0
1968.....	707.2	352.8	49.9	76.7	10.8	21.7
1969.....	772.9	388.8	50.3	86.6	11.2	22.3
1970.....	831.8	401.2	48.2	83.9	10.1	20.9
1971.....	894.0	414.0	46.3	85.4	9.6	20.6
1972.....	981.6	447.6	45.6	93.6	9.5	20.9
1973.....	1,101.7	511.9	46.5	108.1	9.8	21.1
1974.....	1,210.1	573.6	47.4	123.6	10.2	21.5
1975.....	1,313.4	595.5	45.3	124.5	9.5	20.9
1976.....	1,451.4	674.9	46.5	141.8	9.8	21.0
1977.....	1,607.5	733.8	45.6	159.8	9.9	21.8
1978.....	1,812.4	846.4	46.7	188.2	10.4	22.2
1979.....	2,034.0	926.6	45.6	214.5	10.5	23.2
1980.....	2,258.5	1,045.2	46.3	250.3	11.1	24.0
1981.....	2,520.9	1,170.1	46.4	284.1	11.3	24.3
1982.....	2,670.8	1,231.9	46.1	277.6	10.4	22.6
1983.....	2,838.6	1,300.2	45.8	274.2	9.7	21.1
1984.....	3,108.7	1,447.0	46.5	301.9	9.7	20.9
1985.....	3,325.3	1,550.5	46.6	325.7	9.8	21.0
1986.....	3,526.2	1,665.6	47.2	367.3	10.4	22.1
1987.....	3,777.6	1,850.6	49.0	369.2	9.8	20.0
p1988.....	4,064.5	2,081.1	51.2	416.1	10.2	20.0
p1989.....	4,427.9	n.a.	n.a.	n.a.	n.a.	n.a.

See notes following Table 20.

Selected Historical Data

Table 9.—Number of Individual Income Tax Returns, by Type of Tax Settlement, Tax Years 1944–1988

[All figures are estimates based on samples—number of returns are in millions].

Tax Year	Total number of returns	Returns with—		
		Tax due at time of filing ¹	Overpayments ¹	No overpayments or tax due at time of filing ¹
	(1)	(2)	(3)	(4)
1944.....	47.1	22.6	22.9	1.6
1945.....	49.9	14.5	33.5	1.9
1946.....	52.8	13.6	34.4	4.8
1947.....	55.1	15.3	33.0	6.7
1948.....	52.1	8.1	38.4	5.6
1949.....	51.8	13.8	30.2	7.9
1950.....	53.1	14.3	32.0	6.8
1951.....	55.4	18.6	31.0	5.8
1952.....	56.5	19.3	32.1	5.1
1953.....	57.8	19.0	32.7	6.2
1954.....	56.7	16.6	35.2	5.0
1955.....	58.3	18.7	35.4	4.2
1956.....	59.2	19.4	36.1	3.7
1957.....	59.8	18.6	37.6	3.6
1958.....	59.1	18.1	37.4	3.6
1959.....	60.3	19.1	38.4	2.8
1960.....	61.0	18.1	39.4	3.5
1961.....	61.5	18.6	40.0	2.9
1962.....	62.7	18.7	40.9	3.1
1963.....	63.9	19.3	41.4	3.3
1964.....	65.4	22.5	39.3	3.5
1965.....	67.6	20.0	44.3	3.2
1966.....	70.2	17.8	49.4	3.0
1967.....	71.7	17.5	51.2	3.0
1968.....	73.7	20.3	50.6	2.8
1969.....	75.8	17.9	54.9	3.0
1970.....	74.3	16.5	55.3	2.5
1971.....	74.6	17.0	55.3	2.4
1972.....	77.6	11.9	63.3	2.3
1973.....	80.7	14.2	64.2	2.2
1974.....	83.3	15.4	65.8	2.1
1975.....	82.2	15.8	63.8	2.6
1976.....	84.7	16.9	65.0	2.8
1977.....	86.6	17.8	66.0	2.8
1978.....	89.8	21.6	65.5	2.7
1979.....	92.7	18.8	71.4	2.4
1980.....	93.9	21.8	69.9	2.3
1981.....	95.4	23.0	70.0	2.4
1982.....	95.3	20.3	72.4	2.6
1983.....	96.3	18.5	75.0	2.9
1984.....	99.4	21.2	75.6	2.7
1985.....	101.7	21.2	77.4	3.0
1986.....	103.0	21.5	78.1	3.5
1987.....	107.0	23.8	79.8	3.4
p1988.....	109.8	27.2	79.1	3.5

See notes following Table 20.

Selected Historical Data

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Table 10.—Nonfarm Sole Proprietorship Returns: Selected Income and Deduction Items for Selected Income Years, 1970–1987

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

Item	1970	1975	1980	1985	1986	1987
	(1)	(2)	(3)	(4)	(5)	(6)
Number of returns, total	5,769,741	7,221,348	8,931,712	11,928,573	12,393,700	13,091,132
Number with net income.....	n.a.	n.a.	n.a.	8,640,701	9,247,806	9,884,338
Inventory, end of year	11,060,775	15,578,040	21,996,236	24,969,895	24,476,892	26,332,702
Business receipts, total	198,582,172	273,954,741	411,205,713	540,045,430	559,384,259	610,822,732
Income from sales and operations.....	n.a.	272,342,560	407,169,299	528,675,271	r548,273,173	598,315,189
Total deductions	168,044,746	234,318,288	356,258,495	461,272,852	468,960,496	505,362,105
Cost of sales and operations.....	109,148,811	146,261,435	209,889,809	232,294,132	232,134,760	255,045,271
Purchases.....	88,585,913	117,722,352	168,301,517	n.a.	n.a.	173,399,840
Cost of labor.....	7,704,285	8,791,083	10,922,221	14,504,201	17,317,871	19,631,015
Materials and supplies.....	6,216,057	9,090,638	12,909,222	n.a.	n.a.	23,841,762
Commissions.....	1,274,016	2,225,830	3,333,345	n.a.	5,461,118	6,261,859
Net salaries and wages.....	15,107,047	20,227,859	26,560,821	38,265,691	38,691,599	42,329,477
Car and truck expenses.....	n.a.	n.a.	13,378,289	17,044,421	16,380,826	16,469,744
Rent paid.....	4,636,528	6,676,314	9,636,290	15,258,690	15,653,599	16,358,248
Repairs.....	2,444,607	3,044,175	5,031,573	n.a.	n.a.	7,437,987
Taxes paid.....	3,775,502	5,423,961	7,672,459	n.a.	n.a.	8,449,142
Utilities.....	n.a.	n.a.	4,790,337	n.a.	12,644,624	13,361,789
Insurance.....	2,309,608	3,503,812	6,003,126	n.a.	10,783,481	11,718,559
Interest paid.....	1,784,276	3,390,845	7,190,257	11,913,982	11,504,437	11,615,902
Depreciation.....	5,451,525	7,958,143	13,952,703	26,291,389	26,418,043	25,557,350
Pension and profit sharing plans.....	72,741	125,296	141,463	311,323	638,262	547,886
Net income (less deficit)	30,537,426	39,636,453^r	54,947,219	78,772,578	90,423,763	105,460,627
Net income.....	33,735,732	45,624,890	68,010,051	98,775,563	110,496,952	123,782,540
Deficit.....	3,198,306	5,988,437	13,062,832	20,002,986	20,073,189	18,321,913

See notes following Table 20.

Table 11.—Partnership Returns: Balance Sheet Items and Selected Income Statement for Selected Income Years, 1970–1987

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

Item	1970	1975	1980	1985	1986	r1987
	(1)	(2)	(3)	(4)	(5)	(6)
Total number of active partnerships	936,133	1,073,094	1,379,654	1,713,603	1,702,952	1,648,032
Number with net income.....	639,795	661,134	774,173	875,846	850,884	864,840
Number with balance sheets.....	555,741	783,271	1,194,236	1,227,498	1,202,737	n.a.
Number of partners.....	3,697,818	4,950,634	8,419,899	13,244,824	15,301,345	16,963,258
Total assets ¹	116,752,751	235,468,301	597,503,923	1,269,434,302	1,403,750,213	1,381,296,736
Depreciable assets (net).....	n.a.	113,124,969	239,139,823	695,878,822	779,936,070	n.a.
Inventories, end of year.....	n.a.	11,985,431	33,218,272	27,279,234	27,463,816	n.a.
Land.....	n.a.	36,731,958	70,241,248	152,179,314	179,141,689	n.a.
Total liabilities ¹	n.a.	193,875,629	488,734,023	r1,069,221,714	r1,175,727,564	n.a.
Accounts payable.....	n.a.	12,302,055	33,899,048	r46,871,755	43,621,862	n.a.
Short-term debt ²	n.a.	22,709,476	48,001,839	102,760,363	92,456,724	n.a.
Long-term debt ³	n.a.	136,296,764	178,044,406	93,319,855	429,195,599	n.a.
Nonrecourse loans.....	n.a.	n.a.	118,910,380	327,558,208	365,044,180	n.a.
Partners' capital accounts ¹	n.a.	41,592,672	108,769,900	r200,212,688	r228,022,649	n.a.
Total receipts ⁴	93,348,080	148,417,529	291,998,115	367,117,316	397,302,544	578,243,838
Business receipts.....	90,208,834	142,505,781	271,108,832	302,733,374	327,428,647	411,457,126
Interest received.....	942,304	2,477,173	10,869,323	20,558,966	21,715,994	15,878,744
Total deductions ⁴	83,557,684	140,679,959	283,749,460	376,000,991	414,673,405	569,361,424
Cost of sales and operations.....	46,040,874	64,672,843	113,885,668	146,315,315	164,167,707	237,156,859
Purchases.....	31,820,581	42,608,734	70,439,607	91,925,923	100,010,383	167,977,884
Cost of labor.....	4,146,927	4,585,836	7,015,547	8,845,106	9,789,253	9,975,053
Salaries and wages.....	8,129,233	12,489,039	22,336,337	33,884,204	36,304,654	44,303,276
Taxes paid.....	3,159,258	5,770,918	9,553,145	7,745,756	7,866,233	17,031,106
Interest paid.....	4,470,206	12,097,100	28,362,385	28,674,933	29,452,297	70,525,574
Depreciation ⁵	4,578,820	10,108,834	21,576,189	53,650,790	59,847,381	55,909,217
Net income (less deficit)	9,790,396	7,737,570	8,248,655	-8,883,674	-17,370,860	-5,419,105
Net income.....	14,419,124	22,431,931	45,061,756	77,044,693	80,214,873	87,654,011
Deficit.....	4,628,728	14,694,361	36,813,100	85,928,367	97,585,733	93,073,116

See notes following Table 20.

Selected Historical Data

Table 12.—Number of Business Income Tax Returns, by Size of Business, for Selected Years 1970–1987

[All figures are estimates based on samples—number of businesses are in thousands]

Size of business	Number of businesses for—					
	1970	1975	1980	1985	1986	1987
	(1)	(2)	(3)	(4)	(5)	(6)
CORPORATIONS						
Receipt size¹						
Under \$25,000 ²	451.9	468.9	557.0	710.8	765.3	788.1
\$25,000 under \$50,000.....	170.7	186.4	207.7	236.6	244.2	267.3
\$50,000 under \$100,000.....	219.8	260.7	322.7	330.2	345.4	369.5
\$100,000 under \$250,000.....	516.9	673.9	558.4	620.5	630.6	659.4
\$250,000 under \$500,000.....						
\$500,000 under \$1,000,000.....	141.1	184.2	279.8	352.4	370.4	391.3
\$1,000,000 or more.....	165.0	249.5	417.7	537.6	562.2	605.0
Asset size						
Under \$100,000 ³	961.0	1,177.7	1,514.6	1,833.5	1,946.6	2,089.3
\$100,000 under \$1 million.....	599.1	704.6	968.9	1,152.5	1,180.4	1,207.0
\$1 million under \$10 million.....	87.0	116.4	191.8	245.4	254.6	265.9
\$10 million under \$25 million.....	9.8	12.2	16.6	20.9	21.1	23.5
\$25 million under \$50 million.....	3.9	5.6	7.8	10.4	9.9	10.2
\$50 million under \$100 million.....	2.1	3.1	4.8	6.2	6.6	6.5
\$100 million under \$250 million.....	1.4	2.1	3.2	4.4	4.8	4.9
\$250 million and over.....	1.2	1.9	2.9	4.1	4.5	4.8
PARTNERSHIPS						
Receipt size¹						
Under \$25,000 ²	501.7	549.7	638.0	840.1 ⁴	836.6 ⁴	n.a.
\$25,000 under \$50,000.....	125.2	141.0	181.8	195.5	182.9	n.a.
\$50,000 under \$100,000.....	119.6	133.7	183.6	199.5	204.5	n.a.
\$100,000 under \$200,000.....	97.2	114.0	155.2	190.1	184.0	n.a.
\$200,000 under \$500,000.....	65.2	90.6	135.6	165.5	165.1	n.a.
\$500,000 under \$1,000,000.....	17.0	25.5	48.1	66.9	69.1	n.a.
\$1,000,000 or more.....	10.3	18.6	37.4	56.0	60.7	n.a.
Asset size⁵						
Under \$25,000 ³	635.7	611.0	541.9	794.1	774.9	n.a.
\$25,000 under \$50,000.....	80.8	105.9	156.3	132.7	142.4	n.a.
\$50,000 under \$100,000.....	73.5	106.8	180.2	165.8	140.4	n.a.
\$100,000 under \$200,000.....	74.7	116.0	219.1	210.9	214.4	n.a.
\$200,000–\$500,000.....	33.8	56.9	117.9	142.8	147.4	n.a.
\$500,000–\$1,000,000.....	19.3	35.3	72.1	100.0	99.8	n.a.
\$1,000,000 or more.....	18.3	41.2	92.2	167.2	183.3	n.a.
NONFARM SOLE PROPRIETORSHIPS						
Receipt size						
Under \$2,500 ²	1,894.3	2,299.9	2,783.1	3,067.5	3,176.4	3,299.4
\$2,500 under \$5,000.....	815.1	959.4	1,158.6	1,444.6	1,495.1	1,553.5
\$5,000 under \$10,000.....	891.5	1,041.7	1,262.9	1,633.6	1,666.0	1,846.5
\$10,000 under \$25,000.....	1,137.4	1,325.7	1,711.8	2,104.6	2,175.3	2,284.2
\$25,000 under \$50,000.....	746.4	849.5	1,079.1	1,393.9	1,466.6	1,559.0
\$50,000 under \$100,000.....	562.0	644.5	835.6	1,094.1	1,138.3	1,172.0
\$100,000 under \$200,000.....	297.4	380.9	795.8	1,060.2	1,140.9	913.5
\$200,000 under \$500,000.....	122.3	209.2				318.6
\$500,000 under \$1,000,000.....	20.8	35.3	73.9	89.3	95.4	101.6
\$1,000,000 or more.....	6.6	13.5	29.2	40.7	37.7	42.8

See notes following Table 20.

Table 13.—Corporation Income Tax Returns: Balance Sheet, Income Statement, and Tax Items for Selected Years, 1970–1987

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

Items	1970	1975	1980	1985	1986	1987
	(1)	(2)	(3)	(4)	(5)	(6)
Number of returns, total.....	1,665,477	2,023,647	2,710,538	3,277,219	3,428,515	3,612,133
Number with net income.....	1,008,337	1,226,208	1,596,632	1,820,120	1,907,738	1,995,452
Consolidated returns ^{1,2}	19,871	38,307	57,890	79,598	81,956	80,070
S Corporation returns ^{2,3}	257,475	358,413	545,389	724,749	826,214	1,127,905
DISC returns ^{2,4}	N/A	6,431	8,665	1,383	1,443	1,185
FSC returns ^{2,5}	N/A	N/A	N/A	2,341	2,900	2,613
Total assets.....	2,634,706,564	4,286,556,273	7,617,238,403	12,773,093,888	14,163,209,894	15,310,615,602
Cash.....	176,924,573	290,426,439	528,914,747	683,204,264	762,946,878	754,042,297
Notes and accounts receivable.....	614,667,367	1,051,542,806	1,984,601,790	3,317,635,191	3,593,528,670	3,763,230,257
Less: Allowance for bad debts.....	20,030,327	31,032,998	50,057,307	61,580,335	74,228,426	95,203,843
Inventories.....	190,401,642	317,718,545	534,806,547	714,722,928	732,587,518	829,272,682
Investments in Government obligations.....	196,625,390	316,131,699	472,059,737	916,550,098	1,058,718,859	1,092,370,975
Other current assets.....	73,058,482	145,101,716	310,177,160	629,136,396	739,043,506	836,599,341
Loans to stockholders.....	4,774,082	9,355,636	29,873,250	56,761,232	63,653,862	71,237,313
Mortgage and real estate loans.....	327,593,354	548,054,483	894,323,489	1,258,672,577	1,377,441,452	1,455,222,233
Other investments.....	401,389,022	626,266,074	1,213,986,210	2,413,551,474	2,847,727,452	3,227,237,568
Depreciable assets.....	868,908,018	1,276,564,500	2,107,027,914	3,174,193,649	3,382,556,559	3,602,960,891
Less: Accumulated depreciation.....	334,646,086	483,798,526	767,841,763	1,232,072,530	1,342,114,626	1,483,312,181
Depletable assets.....	18,517,264	38,511,396	71,901,490	112,339,389	116,010,459	123,104,144
Less: Accumulated depletion.....	6,774,796	14,501,561	19,569,556	37,203,920	44,083,149	49,686,832
Land.....	46,626,157	66,819,206	92,931,935	141,448,357	149,522,450	158,817,879
Intangible assets (amortizable).....	12,818,168	12,823,183	45,480,694	145,290,625	212,265,625	262,309,525
Less: Accumulated amortization.....	5,984,184	4,491,990	18,393,037	42,505,240	46,696,699	55,540,169
Other assets.....	69,838,438	121,065,665	187,015,106	582,949,738	634,329,507	817,953,526
Total liabilities.....	2,634,706,564	4,286,556,273	7,617,238,403	12,773,093,888	14,163,209,894	15,310,615,602
Accounts payable.....	148,812,597	263,417,584	542,172,368	891,571,443	909,090,964	997,768,767
Mortgages, notes, and bonds payable in less than 1 year.....	170,884,261	272,123,551	504,802,288	1,001,337,795	1,083,947,776	1,247,450,987
Other current liabilities.....	892,218,397	1,577,425,991	2,706,796,360	4,234,983,432	4,599,886,537	4,822,312,874
Loans from stockholders.....	24,573,814	38,143,936	85,718,510	174,317,253	185,034,570	211,854,134
Mortgages, notes, and bonds payable in 1 year or more.....	362,700,303	586,703,526	986,663,932	1,699,272,481	1,958,477,161	2,141,169,042
Other liabilities.....	283,106,029	451,676,880	846,696,691	1,467,912,913	1,728,638,194	1,942,679,565
Capital stock.....	201,213,719	251,715,862	417,153,783	920,182,882	1,190,628,800	1,291,674,344
Paid-in or capital surplus.....	196,642,421	298,534,854	532,039,407	1,420,996,805	1,725,785,087	1,988,355,017
Retained earnings, appropriated.....	16,657,051	29,955,676	41,461,644	54,074,364	64,975,012	83,651,846
Retained earnings, unappropriated.....	349,225,750	537,631,026	1,027,902,049	1,311,512,589	1,313,686,600	1,257,000,416
Less: Cost of treasury stock.....	11,327,778	20,772,613	74,168,627	403,068,064	612,525,394	749,174,866
Total receipts.....	1,750,776,503	3,198,627,860	6,361,284,012	8,398,278,426	8,669,378,501	9,580,720,701
Business receipts.....	1,620,886,576	2,961,729,640	5,731,616,337	7,369,538,953	7,535,482,221	8,414,537,647
Interest on State and local Government obligations.....	3,775,917	6,711,606	12,620,876	20,164,514	23,578,340	30,764,430
Other interest.....	67,794,508	136,587,304	354,243,674	617,622,425 ⁶	638,524,951 ⁶	589,989,252 ⁶
Dividends received from domestic corporations.....	5,238,421	8,818,282	18,654,800	16,967,379	15,156,098	13,864,647
Dividends received from foreign corporations.....	3,466,515	5,467,726	14,563,353	20,770,361	22,747,046	25,180,395
Rents.....	13,938,502	21,765,130	41,371,141	89,700,937	93,972,214	92,105,433
Royalties.....	2,586,387	5,167,141	12,450,250	15,237,421	16,411,642	20,743,856
Net short-term capital gain reduced by net long-term capital loss.....	190,439	301,601	2,013,510	7,032,062	11,797,841	8,453,030
Net long-term capital gain reduced by net short-term capital loss.....	5,481,580	8,364,523	24,910,957	53,771,685	93,297,600	63,754,106
Net gain, noncapital assets.....	5,315,562	7,757,287	20,117,615	33,537,842	44,149,339	29,568,649
Other receipts.....	22,102,096	35,957,620	128,721,498	153,934,848	174,261,151	206,657,448

Selected Historical Data

Table 13. (Continued)—Corporation Income Tax Returns: Balance Sheet, Income Statement, and Tax Items for Selected Years, 1970-1987

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

Items	1970	1975	1980	1985	1986	1987
	(1)	(2)	(3)	(4)	(5)	(6)
Total deductions	1,682,778,847	3,052,674,597	6,125,365,155	8,158,144,126	8,394,932,819	9,243,903,854
Cost of sales and operations.....	1,146,263,273	2,129,928,467	4,204,905,905	4,894,254,081	4,922,763,967	5,596,218,574
Compensation of officers.....	32,846,381	57,832,552	108,973,751	170,737,540	185,395,342	200,048,676
Repairs.....	13,986,819	23,422,171	42,407,967	81,495,784	83,848,507	86,425,629
Bad debts.....	6,479,814	13,781,147	18,769,771	43,333,588	53,419,371	54,578,189
Rent paid on business property.....	23,842,355	40,769,829	71,990,832	134,661,335	145,188,558	153,781,416
Taxes paid.....	49,523,243	81,530,302	163,003,622	200,977,161	203,491,687	211,346,315
Interest paid.....	62,055,010	129,307,921	344,612,542	568,645,475	572,973,834	589,989,252
Contributions or gifts.....	797,029	1,202,130	2,358,554	4,471,736	5,178,918	6,158,621
Amortization.....	745,005	717,398	1,374,658	6,133,737	14,005,202	17,407,143
Depreciation.....	52,941,266	86,295,664	157,345,828	304,380,703	312,582,789	316,710,668
Depletion.....	5,623,339	5,341,489	8,871,993	7,779,731	9,035,885	8,460,962
Advertising.....	18,089,097	26,605,786	52,266,004	91,922,667	98,959,857	106,556,098
Pension, profit-sharing, stock bonus, and annuity plans.....	12,225,912	26,526,129	51,529,310	49,588,712	48,242,217	46,533,727
Employee benefit programs.....	7,398,283	15,690,563	40,179,104	71,601,577	73,633,515	84,603,727
Net loss, noncapital assets.....	1,289,305	1,804,079	5,903,104	7,893,175	12,859,566	12,047,435
Other deductions.....	248,672,716	411,918,970	850,872,216	1,520,267,133	1,653,353,611	1,753,037,428
Total receipts less total deductions	67,997,656	145,953,263	235,918,858	240,134,300	274,445,682	336,816,848
Constructive taxable income from related foreign corporations.....	1,679,875	3,395,169	15,708,560	20,299,335	19,038,861	22,226,855
Net income (less deficit)	65,901,614	142,636,826	239,006,542	240,119,020	269,530,240	328,223,710
Net income.....	83,710,924	169,483,336	296,787,201	363,867,384	408,860,760	465,234,737
Deficit.....	17,809,310	26,846,510	57,780,659	123,748,365	139,330,520	137,011,027
Income subject to tax ⁷	72,374,437	146,589,287	246,598,486	266,060,609	276,172,502	311,840,615
Income tax, total	33,293,018⁸	66,144,308	105,142,436	111,340,839	111,140,137	118,484,975
Regular and alternative tax.....	32,949,937	65,769,822	103,831,172	109,106,358	108,773,260	115,073,572
Tax from recomputing prior year investment credit.....	77,832	217,138	867,571	1,497,597	1,319,525	783,953
Tax from recomputing prior year work incentive (WIN) credit.....	N/A	608	4,873	N/A	N/A	N/A
Additional tax for tax preferences.....	265,249	156,740	438,820	725,878	1,026,194	2,229,107
Foreign tax credit.....	4,548,986	19,987,724	24,879,737	24,263,487	21,480,508	20,812,861
U.S. possessions tax credit.....	N/A	N/A	1,572,734	2,450,583	2,907,256	2,666,634
Investment credit.....	865,954	6,459,746	15,102,812	(⁹)	(⁹)	(⁹)
Work incentive (WIN) credit.....	N/A	5,321	36,483	N/A	N/A	N/A
Jobs credit.....	N/A	N/A	601,444	(⁹)	(⁹)	(⁹)
Nonconventional source fuel credit.....	N/A	N/A	2	43,267	63,544	52,439
Alcohol fuel credit.....	N/A	N/A	4	(⁹)	(⁹)	(⁹)
Research activities credit.....	N/A	N/A	N/A	1,627,997	(⁹)	(⁹)
Employees stock ownership credit.....	N/A	N/A	N/A	(⁹)	(⁹)	(⁹)
Orphan drug credit.....	N/A	N/A	N/A	*204	6,530	5,154
General business credit.....	N/A	N/A	N/A	19,607,097	12,805,999	7,959,117
Distributions to stockholders:						
Cash and property except in own stock.....	32,012,677	45,224,392	97,378,617	n.a.	n.a.	n.a.
Corporation's own stock.....	1,922,810	2,066,559	3,525,549	n.a.	n.a.	n.a.

See notes following Table 20.

Selected Historical Data

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Table 14.—Corporation Income Tax Returns: Selected Balance Sheet, Income Statement, and Tax Items by Industrial Division, for Selected Income Years, 1970–1987

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

Industrial division and items	1970	1975	1980	1985	1986	1987
	(1)	(2)	(3)	(4)	(5)	(6)
AGRICULTURE, FORESTRY AND FISHING						
Number of returns, total.....	37,283	56,280	80,883	103,156	106,634	116,544
Number with net income.....	19,843	33,328	43,827	52,776	57,810	65,059
Total assets.....	11,909,403	21,177,941	40,738,977	52,651,197	53,478,288	55,374,698
Net worth.....	4,012,068	6,844,949	11,460,935	15,406,221	17,062,622	18,201,394
Total receipts.....	14,277,707	28,118,514	52,089,915	70,491,486	77,502,215	77,057,114
Business receipts.....	13,591,763	26,624,149	48,850,056	65,419,402	71,787,552	71,809,603
Interest received.....	69,742	171,732	476,654	775,383 ¹	720,405 ¹	490,401 ¹
Total deductions.....	14,209,713	27,369,286	51,418,280	70,559,478	76,330,943	75,422,713
Cost of sales and operations.....	10,555,539	19,738,447	35,798,332	45,085,526	50,971,455	50,565,416
Interest paid.....	356,225	797,420	2,184,441	2,758,952	2,570,846	2,272,546
Net income (less deficit).....	65,295	746,908	673,158	-74,270	1,148,686	1,626,501
Net income.....	493,400	1,493,168	2,464,381	2,930,905	3,676,645	4,010,915
Deficit.....	428,105	746,260	1,791,222	3,005,175	2,527,960	2,384,414
Income tax before credits.....	113,115 ²	351,059	533,768	540,671	589,887	508,012
Total income tax after credits ³	107,023 ²	294,584	422,356	344,626	475,606	497,427
Distributions to stockholders except in own stock.....	65,824	244,524	304,733	n.a.	n.a.	n.a.
MINING						
Number of returns, total.....	14,465	14,242	25,576	41,426	40,354	42,050
Number with net income.....	7,303	8,297	12,698	18,031	18,150	16,764
Total assets.....	23,972,812	64,505,341	126,947,880	240,815,996	206,122,125	220,137,063
Net worth.....	13,381,821	32,765,690	54,068,148	104,772,797	98,604,268	109,553,353
Total receipts.....	17,747,750	65,909,994	176,672,390	142,038,595	98,577,216	96,805,871
Business receipts.....	16,699,586	63,670,496	167,397,918	126,710,610	86,873,761	85,846,689
Interest received.....	176,728	522,757	1,301,266	3,584,890 ¹	3,154,332 ¹	2,622,570 ¹
Total deductions.....	15,927,348	42,348,765	169,051,624	145,389,514	102,093,971	96,660,686
Cost of sales and operations.....	9,955,600	30,171,612	116,989,880	87,972,035	58,115,191	56,325,162
Interest paid.....	388,032	1,166,182	3,440,080	7,789,995	6,395,032	5,442,124
Net income (less deficit).....	1,834,315	23,574,833	7,750,561	-2,543,487	-3,122,565	275,048
Net income.....	2,399,507	24,347,893	10,133,685	6,166,623	5,352,717	6,039,881
Deficit.....	565,192	773,060	2,383,124	8,710,110	8,475,282	5,764,833
Income tax before credits.....	1,031,550 ²	11,361,037	3,947,569	1,810,599	1,453,090	1,256,089
Total income tax after credits ³	342,928 ²	1,051,138	1,674,566	557,519	694,690	810,619
Distributions to stockholders except in own stock.....	1,177,550	1,015,895	4,757,780	n.a.	n.a.	n.a.
CONSTRUCTION						
Number of returns, total.....	138,905	191,219	272,432	318,276	341,816	371,169
Number with net income.....	82,078	108,852	150,368	185,613	194,446	222,498
Total assets.....	42,719,792	76,691,947	132,939,026	215,297,771	218,880,512	222,064,937
Net worth.....	11,819,604	19,029,077	32,826,174	54,687,270	52,781,280	53,926,258
Total receipts.....	90,610,644	146,955,117	267,205,356	387,232,953	412,477,214	454,831,094
Business receipts.....	88,945,385	143,412,715	260,387,692	374,590,273	399,436,063	442,491,245
Interest received.....	219,698	614,583	2,073,650	3,851,628 ¹	3,981,459 ¹	3,479,339 ¹
Total deductions.....	89,070,022	144,717,309	262,116,275	382,823,113	406,663,574	446,096,648
Cost of sales and operations.....	73,434,969	116,845,554	208,064,925	295,803,244	314,065,258	344,505,785
Interest paid.....	711,496	1,973,244	4,278,502	6,407,652	6,869,790	6,319,837
Net income (less deficit).....	1,538,418	2,236,262	5,271,209	4,370,924	5,781,722	8,700,642
Net income.....	2,548,013	4,514,864	8,911,143	11,053,145	12,443,085	15,360,778
Deficit.....	1,009,595	2,278,602	3,639,934	6,682,220	6,661,363	6,660,136
Income tax before credits.....	776,979 ²	1,320,196	2,521,507	2,312,846	2,525,994	2,459,657
Total income tax after credits ³	756,637 ²	1,131,960	1,973,659	1,662,563	2,183,820	2,337,107
Distributions to stockholders except in own stock.....	299,204	464,553	793,764	n.a.	n.a.	n.a.
MANUFACTURING						
Number of returns, total.....	197,807	217,354	242,550	276,545	285,119	294,211
Number with net income.....	120,814	136,839	153,640	159,778	163,161	169,988
Total assets.....	612,912,516	944,581,970	1,709,471,700	2,644,393,424	2,931,610,462	3,111,708,665
Net worth.....	308,923,293	442,587,674	749,186,774	1,099,645,876	1,124,399,497	1,191,672,658
Total receipts.....	722,952,890	1,296,359,650	2,404,323,844	2,831,062,496	2,810,713,781	3,141,406,444
Business receipts.....	700,090,661	1,258,338,650	2,301,056,550	2,656,345,750	2,614,526,752	2,946,695,175
Interest received.....	4,748,499	8,691,092	28,315,784	47,753,626 ¹	50,749,530 ¹	50,334,403 ¹
Total deductions.....	692,455,462	1,230,689,496	2,290,593,808	2,733,105,346	2,723,698,904	3,012,111,231
Cost of sales and operations.....	495,879,549	925,111,030	1,707,143,900	1,797,852,805	1,746,954,429	2,034,818,784
Interest paid.....	12,570,242	22,055,903	54,177,356	90,452,072	102,372,701	100,783,073
Net income (less deficit).....	31,846,078	68,406,627	125,667,815	113,758,645	101,827,271	145,493,891
Net income.....	37,925,489	74,466,554	141,547,510	142,541,119	136,081,206	172,315,960
Deficit.....	6,079,411	6,059,927	15,879,695	28,782,474	34,253,935	26,822,069
Income tax before credits.....	16,744,905 ²	32,306,739	59,577,413	56,687,476	50,222,612	57,286,912
Total income tax after credits ³	13,242,226 ²	21,024,964	32,726,986	25,382,459	25,761,951	34,048,160
Distributions to stockholders except in own stock.....	14,616,282	19,973,061	37,306,509	n.a.	n.a.	n.a.

Selected Historical Data

Table 14. (Continued)—Corporation Income Tax Returns: Selected Balance Sheet, Income Statement, and Tax Items by Industrial Division, for Selected Income Years, 1970–1987

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

Industrial division and items	1970	1975	1980	1985	1986	1987
	(1)	(2)	(3)	(4)	(5)	(6)
TRANSPORTATION AND PUBLIC UTILITIES						
Number of returns, total	67,398	80,701	111,324	138,337	138,428	147,893
Number with net income	38,204	45,360	62,232	69,938	68,517	80,304
Total assets	287,740,207	443,236,797	758,364,400	1,246,426,899	1,310,227,440	1,352,512,937
Net worth	121,205,022	176,444,407	290,655,693	490,481,127	502,486,821	510,064,082
Total receipts	135,495,271	243,480,637	523,807,396	772,358,188	762,231,202	786,179,466
Business receipts	131,463,171	234,689,427	507,372,820	733,943,970	717,929,024	736,633,389
Interest received	930,266	1,520,913	5,760,072	12,310,594 ¹	12,050,844 ¹	12,695,723 ¹
Total deductions	127,931,131	233,409,166	503,954,285	747,836,158	740,781,131	749,024,805
Cost of sales and operations	77,743,359	143,932,463	336,868,172	381,028,354	338,754,789	339,840,645
Interest paid	-7,364,200	13,761,062	27,638,591	44,880,858	47,070,426	47,132,799
Net income (less deficit)	7,543,718	10,099,571	20,046,155	25,087,629	21,803,663	37,466,726
Net income	9,471,595	12,088,189	24,917,293	37,880,144	41,098,014	50,070,763
Deficit	1,927,877	1,988,618	4,871,138	12,792,516	19,294,351	12,604,037
Income tax before credits	4,342,334 ²	5,107,158	10,532,722	15,214,129	16,156,499	17,696,185
Total income tax after credits ³	4,036,650 ²	2,836,470	5,322,655	8,432,924	71,005,034	14,769,151
Distributions to stockholders except in own stock	5,837,565	8,900,353	17,329,807	n.a.	n.a.	n.a.
WHOLESALE AND RETAIL TRADE						
Number of returns, total	518,062	614,632	799,628	917,301	939,159	971,758
Number with net income	339,987	399,668	487,300	510,825	527,779	537,686
Total assets	192,181,800	323,496,726	646,901,005	1,009,965,739	1,073,523,697	1,177,668,920
Net worth	77,002,132	122,649,734	222,289,687	286,260,274	300,103,440	316,458,705
Total receipts	522,547,923	969,938,872	1,955,523,778	2,473,865,453	2,547,440,986	2,766,717,240
Business receipts	511,316,883	951,463,550	1,919,347,689	2,408,174,933	2,472,495,351	2,691,275,402
Interest received	1,291,906	3,857,318	10,503,989	21,633,480 ¹	23,264,441 ¹	22,041,565 ¹
Total deductions	512,910,193	947,511,780	1,919,454,218	2,440,403,373	2,512,081,940	2,728,491,327
Cost of sales and operations	392,391,856	745,299,204	1,538,128,634	1,869,766,621	1,895,237,380	2,076,485,794
Interest paid	4,309,663	8,587,173	25,645,855	38,217,998	39,961,980	43,641,104
Net income (less deficit)	9,671,044	22,489,430	38,309,671	33,126,702	34,919,948	38,040,057
Net income	12,395,411	27,681,721	49,426,500	51,434,500	55,246,479	60,276,175
Deficit	2,724,367	5,192,291	11,116,829	18,307,798	20,326,531	22,236,117
Income tax before credits	4,476,047 ²	8,103,316	13,515,653	16,392,896	17,097,449	14,956,044
Total income tax after credits ³	4,237,181 ²	7,348,619	10,564,358	13,396,555	15,166,086	13,994,767
Distributions to stockholders except in own stock	2,068,501	5,029,897	10,343,087	n.a.	n.a.	n.a.
FINANCE, INSURANCE, AND REAL ESTATE						
Number of returns, total	406,235	411,846	493,426	518,432	537,384	521,136
Number with net income	248,586	243,409	273,853	285,273	296,921	275,637
Total assets	1,401,153,520	2,321,965,956	4,022,206,073	7,029,452,681	7,985,641,912	8,732,320,235
Net worth	196,480,448	269,770,527	530,541,317	1,161,968,009	1,502,198,831	1,634,925,235
Total receipts	177,321,173	315,795,981	697,460,846	1,182,034,309	1,365,095,368	1,589,218,435
Business receipts	92,091,887	157,126,715	256,892,475	501,993,840	618,646,549	818,286,705
Interest received	63,694,046	127,040,303	315,146,115	541,268,193 ¹	75,727,059 ¹	606,143,965 ¹
Total deductions	161,630,060	297,963,817	652,637,787	1,104,572,202	1,245,473,109	1,476,737,395
Cost of sales and operations	48,434,362	84,614,209	129,644,330	237,577,803	320,622,444	470,673,440
Interest paid	34,548,509	77,677,659	219,167,684	363,009,417	35,193,465	364,541,038
Net income (less deficit)	12,214,079	11,663,330	33,122,792	60,670,526	99,808,908	87,403,218
Net income	15,081,939	18,825,003	46,040,390	90,546,934	131,284,234	129,179,849
Deficit	2,867,860	7,161,673	12,917,599	29,876,408	31,475,326	41,776,631
Income tax before credits	4,404,449 ²	5,558,647	9,680,755	13,598,201	18,091,479	19,264,979
Total income tax after credits ³	4,150,009 ²	4,673,705	7,699,628	10,193,877	14,665,774	16,342,990
Distributions to stockholders except in own stock	7,387,211	8,729,977	24,692,146	n.a.	n.a.	n.a.
SERVICES						
Number of returns, total	281,218	435,672	671,338	939,390	1,012,178	1,119,604
Number with net income	150,525	249,641	408,716	529,337	575,016	619,923
Total assets	61,875,140	90,534,067	178,163,737	330,982,941	381,609,099	435,561,919
Net worth	19,529,062	26,855,374	52,865,513	89,852,365	100,190,054	112,415,645
Total receipts	69,572,626	131,377,364	279,883,187	534,587,609	591,849,715	663,133,101
Business receipts	66,459,515	125,747,462	266,088,619	497,980,990	550,590,929	616,469,154
Interest received	435,070	875,506	3,269,412	6,561,301 ¹	6,871,344 ¹	7,806,746 ¹
Total deductions	68,384,452	127,996,443	271,792,974	528,685,613	584,295,930	653,953,599
Cost of sales and operations	37,733,747	63,724,869	129,352,692	176,070,808	196,127,453	219,817,525
Interest paid	1,802,802	3,279,438	8,033,612	15,027,259	15,718,343	19,750,647
Net income (less deficit)	1,198,703	3,396,744	8,193,903	5,883,782	7,448,023	9,251,928
Net income	3,384,869	6,025,592	13,246,601	21,124,460	8,116,081	27,731,097
Deficit	2,186,166	2,628,848	5,052,698	15,240,678	4,651,324	18,479,168
Income tax before credits	1,058,264 ²	1,625,093	3,497,265	4,742,347	4,942,317	5,033,943
Total income tax after credits ³	1,003,130 ²	1,323,637	2,603,370	3,343,830	3,863,565	4,212,339
Distributions to stockholders except in own stock	558,452	855,402	1,841,945	n.a.	n.a.	n.a.

See notes following Table 20.

Table 15.—Corporation Profits Before Taxes Per National Income and Product Accounts (NIPA) and Per SOI, and Income Subject to Tax per SOI, Income Years, 1960–1989

[All figures are estimates—money amounts are in billion of dollars]

Income Year	Profits before taxes (per NIPA) ¹	Net income (less deficit) (per SOI)	Income subject to tax (per SOI)
	(1)	(2)	(3)
1960	49.9	43.5	47.2
1961	49.8	45.9	47.9
1962	55.1	49.6	51.7
1963	59.8	54.3	54.3
1964	66.7	61.6	60.4
1965	77.4	73.9	70.8
1966	83.3	80.5	77.1
1967	80.1	78.2	74.8
1968	89.1	86.0	81.4
1969	87.2	80.2	81.2
1970	76.0	65.9	72.4
1971	87.3	79.7	83.2
1972	101.5	96.8	95.1
1973	122.2	120.4	115.5
1974	138.9	148.2	144.0
1975	134.8	142.6	146.6
1976	170.3	185.4	183.5
1977	200.4	219.2	212.5
1978	233.5	246.9	239.6
1979	257.2	284.6	279.4
1980	237.1	239.0	246.6
1981	226.5	213.6	241.5
1982	169.6	154.3	205.2
1983	207.6	188.3	218.7
1984	240.0	232.9	257.1
1985	224.3	240.1	266.1
1986	221.6	269.5	276.2
1987	266.7	328.2	311.8
p1988	306.8	n.a.	n.a.
p1989	290.6	n.a.	n.a.

See notes following Table 20.

Selected Historical Data

Table 16.—Gross Internal Revenue Collections: Amount Collected by Quarter and Fiscal Year, 1985–1990

[Money amounts are in millions of dollars]

Quarter and fiscal year	Amount collected by type of return					
	Total	Individual income taxes ¹	Corporation income taxes ²	Excise taxes ³	Employment taxes ⁴	Estate and gift taxes
	(1)	(2)	(3)	(4)	(5)	(6)
FISCAL YEAR 1985, TOTAL	742,871	396,659	77,413	37,005	225,214	6,580
October 1984–December 1984	155,919	79,775	17,546	9,732	47,286	1,580
January 1985–March 1985	176,324	89,325	17,350	8,650	59,352	1,647
April 1985–June 1985	233,946	136,141	24,843	9,013	62,313	1,636
July 1985–September 1985	176,682	91,418	17,674	9,610	56,263	1,717
FISCAL YEAR 1986, TOTAL	782,252	416,965	80,442	33,672	243,978	7,195
October 1985–December 1985	167,836	86,608	18,854	9,321	51,354	1,699
January 1986–March 1986	186,178	97,804	16,243	8,175	62,309	1,647
April 1986–June 1986	240,680	134,129	25,703	8,191	70,687	1,970
July 1986–September 1986	187,558	98,424	19,642	7,985	59,628	1,879
FISCAL YEAR 1987, TOTAL	886,290	465,452	102,859	33,311	277,000	7,668
October 1986–December 1986	180,580	92,346	22,466	8,281	55,615	1,872
January 1987–March 1987	209,032	105,483	22,649	7,925	71,156	1,819
April 1987–June 1987	285,477	164,008	29,748	8,493	81,139	2,089
July 1987–September 1987	211,201	103,615	27,996	8,612	69,090	1,888
FISCAL YEAR 1988, TOTAL	935,107	473,667	109,683	25,934	318,039	7,784
October 1987–December 1987	197,095	97,479	24,828	6,475	66,500	1,813
January 1988–March 1988	220,447	111,215	22,006	5,304	80,161	1,761
April 1988–June 1988	296,175	160,018	35,991	6,550	91,426	2,190
July 1988–September 1988	221,390	104,955	26,858	7,605	79,952	2,020
FISCAL YEAR 1989, TOTAL	1,013,322	515,732	177,015	25,977	345,625	8,973
October 1988–December 1988	213,518	104,522	29,551	6,657	70,632	2,156
January 1989–March 1989	235,883	114,475	20,760	6,097	92,587	1,964
April 1989–June 1989	331,478	180,947	40,825	6,900	100,077	2,729
July 1989–September 1989	232,441	115,788	25,879	6,323	82,329	2,124
FISCAL YEAR 1990						
October 1989–December 1989	220,077	110,077	26,390	6,184	74,982	2,444
January 1990–March 1990	249,737	127,277	21,433	5,868	92,868	2,291

See notes following Table 20.

Table 17.—Internal Revenue Refunds: Amount Refunded By Quarter and Fiscal Year, 1985–1990

[Money amounts are in millions of dollars]

Quarter and Fiscal year	Amount refunded by type of return					
	Total	Individual income taxes ¹	Corporation income taxes ²	Excise taxes ³	Employment taxes ⁴	Estate and gift taxes
	(1)	(2)	(3)	(4)	(5)	(6)
FISCAL YEAR 1985, TOTAL	86,322	66,908	16,725	892	1,606	191
October 1984–December 1984	6,729	2,246	4,177	122	138	46
January 1985–March 1985	17,664	12,808	4,286	91	439	40
April 1985–June 1985	52,376	46,370	4,701	556	702	47
July 1985–September 1985	9,551	5,484	3,561	123	326	57
FISCAL YEAR 1986, TOTAL	94,424	73,078	18,297	962	1,800	287
October 1985–December 1985	7,948	3,003	4,268	128	488	61
January 1986–March 1986	25,895	19,950	4,997	320	577	51
April 1986–June 1986	50,200	44,375	5,058	232	435	100
July 1986–September 1986	10,381	5,750	3,974	282	300	75
FISCAL YEAR 1987, TOTAL	96,969	73,583	19,891	1,381	1,900	214
October 1986–December 1986	8,668	3,406	4,789	111	312	50
January 1987–March 1987	28,422	22,198	5,296	479	393	56
April 1987–June 1987	50,063	42,858	5,948	332	869	57
July 1987–September 1987	9,816	5,121	3,858	459	326	52
FISCAL YEAR 1988, TOTAL	94,480	74,399	16,477	1,114	2,263	227
October 1987–December 1987	7,701	3,437	3,727	207	275	55
January 1988–March 1988	27,798	21,744	5,248	198	553	55
April 1988–June 1988	49,202	43,769	3,848	421	1,114	50
July 1988–September 1988	9,776	5,449	3,654	288	321	67
FISCAL YEAR 1989, TOTAL	93,613	73,597	14,921	2,054	2,771	269
October 1988–December 1988	8,380	3,362	4,461	118	359	80
January 1989–March 1989	32,041	26,759	4,462	182	570	67
April 1989–June 1989	43,538	38,895	3,849	350	381	63
July 1989–September 1989	9,654	4,581	2,149	1,404	1,461	59
FISCAL YEAR 1990						
October 1989–December 1989	8,487	3,094	4,605	300	409	79
January 1990–March 1990	37,121	31,367	4,922	342	423	67

See notes following Table 20.

Table 18.—Classes of Excise Taxes by Selected Fiscal Years, 1970–1989

[Money amounts are in thousands of dollars]

Selected class of tax	Taxes collected by fiscal year					
	1970	1975	1980	1985	1988	1989
	(1)	(2)	(3)	(4)	(5)	(6)
ALCOHOL AND TOBACCO TAXES, TOTAL.....	6,840,594	7,665,948	8,151,184	9,881,293	10,408,753	10,229,638
Distilled spirits.....	3,469,508	3,851,837	3,927,235	3,501,559	r3,844,421	3,862,326
Wine.....	180,353	172,440	211,493	305,339	r299,819	270,061
Beer.....	1,076,148	1,305,034	1,545,441	1,569,726	1,678,070	1,806,971
Cigarettes and Cigars.....	2,092,935	2,312,342	2,442,357	4,473,210	4,522,533	4,290,280
MANUFACTURERS EXCISE TAXES, TOTAL.....	6,683,061	5,516,611	6,487,421	10,020,574	10,643,379	11,213,143
Gasoline and gasohol.....	3,517,586	4,071,465 ¹	4,326,549 ¹	9,062,630	9,453,441	9,957,579
Tires, tubes and tread rubber.....	614,795	697,660	682,624	242,923 ²	319,141 ²	312,829 ²
Motor vehicles, bodies, parts ³	1,753,327	662,556	1,088,696	N/A	N/A	N/A
Recreational products.....	53,427	84,946	136,521	166,666	169,663	224,478
Black lung taxes.....	N/A	N/A	251,288	548,356	601,279	588,800
SPECIAL FUELS, AND RETAILERS TAXES, TOTAL⁴.....	257,820	404,187	560,144	3,802,608	4,528,300	5,622,564
Diesel and special motor fuels.....	257,712	370,489	512,718	2,430,165	3,119,934	3,912,604
Truck and trailer chassis and bodies.....	N/A	N/A	N/A	1,289,750	1,155,808	1,258,900
MISCELLANEOUS EXCISE TAXES, TOTAL.....	2,084,730	3,306,077	6,359,198	11,044,833	8,717,082	9,316,603
Telephone and teletype ⁵	1,469,562	2,023,744	1,117,834	2,307,607	2,555,082	2,820,528
Air transportation.....	250,802	850,567	1,748,837	2,589,818	3,145,422	3,569,447
Highway use tax.....	135,086	207,663	263,272	456,143	570,053	574,698
Foreign insurance.....	8,614	19,458	74,630	73,494	97,270	63,511
Exempt organization net investment income.....	N/A	63,828	65,280	136,153	229,379	168,814
Crude oil windfall profit ⁶	N/A	N/A	3,051,719	5,073,159	372,847	29,997
Environmental taxes ⁷	N/A	N/A	N/A	272,957	924,951	1,009,760

Selected class of tax	Fiscal year quarter ending					
	June 1988	Sept. 1988	Dec. 1988	March 1989	June 1989	Sept. 1989
	(7)	(8)	(9)	(10)	(11)	(12)
ALCOHOL AND TOBACCO TAXES, TOTAL.....	1,267,603	2,921,505	2,615,149	2,407,574	2,486,435	2,591,579
Distilled spirits.....	-506,616	1,312,960	1,039,009	872,127	804,609	1,146,581
Wine.....	227,073	-312,979	204,300	165,077	202,208	-301,524
Beer.....	428,821	642,068	301,664	316,510	363,789	696,107
Cigarettes and cigars.....	1,118,325	1,279,456	1,070,176	1,053,860	1,115,829	1,050,415
MANUFACTURERS EXCISE TAXES, TOTAL.....	2,635,847	2,709,412	3,030,722	2,836,045	2,523,743	2,822,633
Gasoline and gasohol.....	2,322,096	r2,402,381	r2,719,170	2,542,787	2,224,923	2,470,701
Tires, tubes and tread rubber ²	76,461	78,861	86,524	76,402	70,104	79,799
Recreational products.....	r61,015	45,474	53,131	49,047	62,091	60,211
Black lung taxes.....	146,735	146,222	148,700	143,200	128,300	168,600
SPECIAL FUELS AND RETAILERS TAXES, TOTAL⁴.....	963,679	1,562,215	1,698,279	1,657,015	1,067,603	1,199,666
Diesel and special motor fuels.....	661,684	1,101,412	r1,225,072	1,136,524	729,706	821,303
Truck and trailer chassis and bodies.....	281,747	298,417	307,675	313,687	283,667	353,872
MISCELLANEOUS EXCISE TAXES, TOTAL.....	2,051,243	2,781,670	1,977,738	2,352,971	2,195,379	2,790,514
Telephone and teletype ⁵	740,637	693,568	603,896	916,426	736,957	563,249
Air transportation.....	830,224	812,162	865,813	833,030	840,613	1,029,991
Highway use tax.....	96,212	300,221	48,462	124,239	102,160	299,836
Foreign insurance.....	23,383	21,853	17,758	28,862	5,330	11,562
Exempt organization net investment income.....	19,011	158,425	26,584	28,128	63,630	50,471
Crude oil windfall profit ⁶	17,108	-22,674	-25,526	49,356	-2,204	8,372
Environmental taxes ⁷	228,248	247,428	254,760	257,800	247,070	250,130

See notes following Table 20.

Selected Historical Data

Table 19.—Selected Returns and Forms Filed or to be Filed During Selected Calendar Years, 1970–1990

Type of return or form	Number Filed in Calendar Year—						
	1970	1975	1980	1985	1988	1989	1990 (Projected)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Individual income	77,281,384	84,026,785	93,196,076	99,704,246	107,258,962	110,129,357	111,362,100
Form 1040	77,143,251	61,450,279	55,360,030	64,010,068	71,055,220	71,671,599	73,361,000
Nonbusiness	68,129,351	51,377,153	43,957,141	49,873,300	55,817,370	56,076,424	57,104,400
Business	9,013,900	10,073,126	11,402,889	14,136,768	15,237,850	15,595,175	16,256,600
Schedule C	6,351,304	7,438,968	8,944,298	11,767,348	13,125,507	13,528,998	14,240,800
Schedule F	2,662,596	2,634,158	2,458,591	2,369,420	2,112,343	2,066,177	2,015,800
Form 1040A	N/A	22,462,776	37,692,282	18,779,084	17,645,149	18,713,110	18,242,000
Form 1040EZ	N/A	N/A	N/A	16,739,767	18,328,572	19,488,620	19,470,000
Other ¹	138,133	113,730	143,764	175,327	230,021	261,028	179,100
Corporation income	1,758,600	2,132,758	2,675,704	3,437,249	4,027,428	4,196,872	4,439,100
Forms 1120, L, and M	1,487,244	1,762,920	2,115,542	2,432,265	2,472,376	2,438,779	2,568,000
Form 1120A	N/A	N/A	N/A	199,665	285,777	296,726	311,200
Form 1120S	248,936	367,219	528,070	736,945	1,169,736	1,351,092	1,438,100
Other ²	1,414	2,619	32,092	68,374	99,539	102,085	111,800
Partnership, Form 1065	991,904	1,132,839	1,401,567	1,755,339	1,825,865	1,779,617	1,759,000
Fiduciary, Forms 1041 and 1041S	1,149,445³	1,558,570	1,876,392	2,124,969	2,669,014	2,625,347	2,691,100
Estate Tax, Forms 706 and 706NA	141,156	225,827	147,303	80,768	52,449	55,833	60,800
Gift Tax, Form 709	146,338	273,184	214,789	97,720	104,105	123,530	180,300
Exempt Organization	387,469	403,809	442,607	454,097	482,305	491,060	516,900
Form 990	377,030 ⁴	346,627	362,632	365,506	361,184	376,654	388,300
Form 990-PF	N/A	29,637	33,137	32,005	42,690	43,791	44,700
Form 990-T	5,046	19,683	23,455	26,181	35,635	37,991	39,500
Forms 990C, 4720, and 5227	5,393	7,862	23,383	30,405	42,796	41,624	44,500

See notes on following Table 20.

Table 20.—Taxpayers Receiving Assistance, Paid and Unpaid, by Tax Year of Return, 1985–1988

[Some estimates based on samples—all amounts are in thousands]

Type of assistance	Tax Year			
	1985	1986	1987	1988
	(1)	(2)	(3)	(4)
Returns with paid preparer signature: ¹				
All returns	46,685	48,049	r50,991	51,507
1040EZ	740	655	r836	887
1040A	4,389	4,135	r3,922	4,290
1040, total	41,556	43,259	r46,232	46,330
1040 Business, total	10,658	11,087	r11,398	11,570
Nonfarm	8,924	9,385	r9,824	9,981
Farm	1,734	1,702	r1,575	1,590
1040 Nonbusiness, total	30,898	32,172	r34,834	34,759
With itemized deductions	18,996	18,732	r16,965	14,929
Without itemized deductions	11,902	12,627	r17,868	19,831
Assistance provided by IRS: ²				
Telephone inquiries	37,863	34,655	38,526	36,982
Recorded telephone information	7,850	10,892	13,405	27,812
Office walk-ins, information	8,114	7,090	7,408	7,008
Written inquiries	241	169	166	187
Special programs:				
Community classes and seminars (taxpayers assisted)	374	903	r1,013	952
Volunteer Income Tax Assistance (VITA) (returns prepared)	302	337	r387	404
Tax Counseling for the Elderly (returns prepared)	333	331	r377	419

See notes on following page.

General notations

N/A - Not applicable

n.a. - Not available

p - Preliminary

r - Revised

* - See also Appendix, General Description of Statistics of Income Sample Procedures and Data Limitations.

Table 1

- [1] Starting with 1987, represents total dividends; previously it represented total dividends after statutory exclusion.
- [2] Starting with 1987, represents total capital gains; previously it represented total capital gains after statutory exclusion.
- [3] Starting with 1988, does not include IRA distributions; previously pensions and IRA distributions in AGI were reported together.
- [4] Includes total itemized deductions before subtraction of "zero bracket amount," and charitable contributions and zero bracket amount on non-itemized deduction returns.
- [5] Includes itemized deductions, "basic" standard deduction and "additional" standard deduction (for age 65 and over and for blindness). Also includes "zero bracket amount" reported on the small number of prior-year returns filed in 1988 (or 1989) that were included in the 1987 (or 1988) statistics.
- [6] Includes deductions not shown separately below.
- [7] Includes surcharge of \$2,018,078,000.
- [8] Includes credits not shown separately below.
- [9] Investment credit was included in the more-inclusive general business tax credit beginning with 1984. With exceptions, investment credit was repealed effective with 1986.
- [10] Includes income tax after credits and the additional tax for tax preferences, i.e., "minimum tax" (applicable for 1970-1982) and "alternative minimum tax" (applicable after 1979).

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

Table 2

- [1] Totals in Table 2 do not agree with Tables 1 and 3 because they were obtained from a different source. For purposes of Table 2:
- a. Number of returns by State include, in addition to Forms 1040, 1040A and 1040EZ filed by U.S. citizens and residents, Forms 1040NR filed by nonresident aliens, as well as self-employment tax returns used in Puerto Rico and certain U.S. territories and possessions.
 - b. "Total tax" liability includes total income tax plus tax from recomputing prior-year investment credit, tax applicable to Individual Retirement Arrangements (IRA's), self-employment tax, social security tax on tip income, and certain other income-related taxes. Total tax is before reduction by earned income credit (see also footnote 1(c), below).
 - c. Earned income credit, available to certain low-income workers, could result in a refund (1) if there was no "total tax" (as defined in footnote 2(b), above), in which case the full amount was refundable, or (2) if the credit exceeded "total tax," in which case the excess was refundable. Columns 18 and 19 include both the refundable and nonrefundable portions.
- Total tax (column 16) minus earned income credit (column 19) is the amount most comparable to total tax in Tables 1 and 3. The total tax which results from this subtraction differs from Tables 1 and 3 because it includes additional taxes (see footnote 1(b), above) and because earned income credit used to offset tax also includes both the refundable portion (see footnote 1(c)), as well as amounts offset against these additional taxes.
- [2] Includes returns with adjusted gross deficit.
- [3] Includes, for example, returns filed from Army

Post Office and Fleet Post Office addresses by service men and women stationed overseas; returns filed by other U.S. citizens abroad; and returns filed by residents of Puerto Rico with income from sources outside Puerto Rico or with income earned as U.S. Government employees.

NOTE: This table presents aggregates of all returns filed and processed through the Individual Master File (IMF) system during Calendar Year 1989. Data have not been edited for Statistics of Income purposes.

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

Table 3

- [1] Includes returns with adjusted gross deficit.
- [2] In addition to low income taxpayers, this size class (and others) includes taxpayers with "tax preferences," not reflected in adjusted gross income or taxable income, which are subject to the "alternative minimum tax" (included in "total income tax").
- [3] Includes income tax after credits and the additional tax for tax preferences, i.e., the "alternative minimum tax" (see footnote 2).
- [4] There were major changes in filing requirements and in the definitions of adjusted gross income (AGI) and taxable income starting with 1987. Percentages based on AGI for 1987 and 1988 are therefore not comparable with 1986 and earlier years. See "Individual Income Tax Returns, Preliminary 1987," Statistics of Income Bulletin, Spring 1989, Volume 8, Number 4.

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

Table 4

- [1] Imputed interest received by persons from life insurance carriers and private non-insured pension plans.
- [2] Represents income of low-income individuals not required to file individual income tax returns, unreported income, and statistical errors or omissions.

SOURCE: U.S. Department of Commerce, Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-82: Statistical Tables, 1986*; for years after 1982, *Survey of Current Business*, various issues. *Statistics of Income* data are subject to sampling error; tax law and tax form changes affect the year-to-year comparability of the data. See the specific *Statistics of Income* reports for a description of sampling error and of the changes mentioned above.

Tables 5 and 6

- [1] See Table 4 for the differences between personal income and adjusted gross income.
- [2] Because of major changes in the definition of adjusted gross income, data for 1987 are not comparable with earlier years.

SOURCE: U.S. Department of Commerce, Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-82: Statistical Tables, 1986*; for years after 1982, *Survey of Current Business*, various issues. *Statistics of Income* data are subject to sampling error; tax law and tax form changes affect the year-to-year comparability of the data. See the specific *Statistics of Income* reports for a description of sampling error and of the changes mentioned above.

Table 7

- [1] Amount of standard deduction for 1944-1957 estimated by Joseph A. Pechman, The Brookings Institution, on the basis of the distribution of the number of tax returns by income classes and marital status in *Statistics of Income--Individual Income Tax Returns*, and for 1958-1987 obtained directly from *Statistics of Income* tabulations for these years. Represents "zero bracket amount" for 1977-1986. For 1987, represents the sum of "basic" and "additional" standard deductions (for age 65 and over and for blindness); also includes zero bracket amount reported on the small number of prior-year returns filed in 1988 (or 1989) that were included in the 1987 (or 1988) statistics.
- [2] Returns with standard deduction, 1955-1988, includes a small number with no adjusted gross income and no deductions. (For 1977-1986, standard deduction is the "zero bracket amount," which was also reported on a small number of returns included in the 1987 and 1988 statistics; see footnote 1.) For 1944-1954, includes a small number with no adjusted gross

income and no deductions. For 1944-1954, returns with no adjusted gross income are included in the number of returns with itemized deductions.

- [3] For 1977-1986, itemized deductions are before subtraction of "zero bracket amount."
- [4] Sum of standard and itemized deductions, plus charitable deduction reported on standard deduction returns for Tax Years 1982-1986. For 1987 and 1988, total deductions includes "zero bracket amount" reported on a small number of returns (see footnote 1).

SOURCE: Except as indicated in footnote 1, *Statistics of Income--Individual Income Tax Returns*, and unpublished tables, appropriate years. Data are subject to sampling error. Tax law and form changes affect the year-to-year comparability of the data. See the specific *Statistics of Income* reports for a description of sampling error and of changes mentioned above.

Table 8

- [1] See Table 4 for the differences between personal income and adjusted gross income.
- [2] Taxable income excludes "zero bracket amount" for 1977-1986. Because of major changes in law, taxable income starting with 1987 is not comparable with earlier years.
- [3] For the definition of total income tax, see footnote 9, Table 1.

SOURCE: U.S. Department of Commerce, Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-82: Statistical Tables, 1986; for years after 1982, Survey of Current Business*, various issues; and *Statistics of Income--Individual Income Tax Returns*, appropriate years. *Statistics of Income* data are subject to sampling errors; tax law and tax form changes affect the year-to-year comparability of the data. See the specific *Statistics of Income* reports for a description of sampling error and of the changes mentioned above.

Table 9

- [1] Excludes returns with refundable earned income credit only, starting with 1975; excludes returns with refundable crude oil windfall profit tax overpayment only, starting with 1980.

SOURCE: *Statistics of Income--Individual Income*

come Tax Returns, and unpublished tables, appropriate years. Data are subject to sampling error. Tax law and tax form changes affect the year-to-year comparability of the data. See the specific *Statistics of Income* reports for a description of sampling error and of the changes mentioned above.

Table 10

SOURCE: *Statistics of Income--Sole Proprietorship Returns*, appropriate years, and *SOI Bulletin*, Summer issues (for most years). Data are subject to sampling error. Tax law and tax form changes affect the year-to-year comparability of the data. See the specific *Statistics of Income* reports for a description of sampling error and of the changes mentioned above.

Table 11

- [1] Total assets, total liabilities, and partners' capital account are somewhat understated because not all partnership returns included a complete balance sheet.
- [2] Short-term debt is the abbreviated title given to mortgages, notes, and bonds payable in less than 1 year.
- [3] Long-term debt is the abbreviated title given to mortgages, notes, and bonds payable in 1 year or more. In addition, for Tax Year 1975, long-term debt included nonrecourse loans.
- [4] See footnote 4, Table 12, for changes in the comparability of the statistics for receipts and deductions after 1980. Also, statistics for interest received are combined with dividends beginning with 1982.
- [5] After 1980, represents the more all-inclusive amounts reported in depreciation computation schedules rather than the amounts reported as the depreciation deduction (augmented by depreciation identified in cost of sales and operations schedules).

SOURCE: *Statistics of Income--Partnership Returns*, appropriate years, and *SOI Bulletin*, Summer issues (for most years). Data are subject to sampling error. Tax law and tax form changes affect the year-to-year comparability of the data. See the specific *Statistics of Income* reports for a description of sampling error and of the changes mentioned above.

Table 12

- [1] Size classes are based on business receipts, i.e., gross amounts from sales and operations,

for industries except those in finance, insurance and real estate. For the latter industries, total receipts, which is the sum of business receipts and investment income, was used. For partnerships, see also footnote 4, below.

- [2] Includes returns with no receipts as defined in footnote 1.
- [3] Includes corporations with zero assets and liabilities. In addition, for partnerships, includes partnerships without balance sheet information (see also footnote 5, below).
- [4] After 1980, "total receipts" in Table 11 includes, in part, only the net income or loss from farming and rentals. Previously, "total receipts" included the gross receipts from farming and rentals and, if rental receipts were the principal source of total receipts, they were treated as "business receipts" for the statistics. To help minimize the break in comparability caused by this change in statistical treatment of farm and rental income, an effort was made starting with 1981 to include rental (though not farm) gross receipts in the receipts used for the size distribution in Table 12. In Table 11, since only the net income or loss from farming and rentals was included starting with 1981, the deductions reported in computing these net incomes are excluded from the deduction statistics. For previous years, these deductions are reflected in the deduction statistics.
- [5] Prior to 1979, partnerships that had liquidated were assumed to have zero assets and liabilities, even if their balance sheets showed otherwise, and were included in the "under \$25,000" asset size class. Beginning with 1980, balance sheet data reported for liquidated partnerships were tabulated as reported and were included in the appropriate asset size classes.

SOURCE: *Statistics of Income--Corporation Income Tax Returns*, appropriate years, *Statistics of Income--Partnership Returns*, appropriate years, *Statistics of Income--Sole Proprietorship Returns*, appropriate years, and *SOI Bulletin*, Summer issues (for most years). Tax law and tax form changes affect the year-to-year comparability of the data. See the appropriate *Statistics of Income* reports for a description of sampling error and of the changes mentioned above.

Table 13

- [*] Estimate should be used with caution because of the small number of sample returns on which it is based.
- [1] Consolidated returns were filed on an elective basis for affiliated groups of corporations (with exceptions), in general, if 80 percent or more of the stock of the affiliates was owned within the group and a common parent corporation owned at least 80 percent of the stock of at least one of the affiliates.
- [2] Included in "Number of returns, total" and "Number with net income."
- [3] Generally, small corporations with no more than 35 shareholders (10 prior to 1983), most of whom were individuals, that elected to be taxed at the shareholder level.
- [4] Domestic International Sales Corporations (DISC's) were designed to promote U.S. exports. They were taxed through parent corporations, but only when profits were distributed or deemed distributed to them. This system of tax deferral was generally replaced after 1984 with a new system of Foreign Sales Corporations (FSC's); see footnote 5. Tax benefits of DISC's remaining after 1984 were limited and an interest charge for tax deferred amounts was imposed on the parent corporations.
- [5] Foreign Sales Corporations (FSC's) generally replaced DISC's as a means of promoting U.S. exports (see footnote 4). Under the FSC provisions, a portion of these subsidiaries' "foreign trade income" was exempt from U.S. income tax.
- [6] For 1984, net long-term for capital gain reduced by net short-term capital loss from Forms 1120S are not included in computed total receipts or in net income. Therefore, the components of total receipts do not equal the computed total receipts for that year.
- [7] Includes dividends reported in combination with interest on Form 1120-S by S Corporations, i.e., certain corporations that elect to be taxed through shareholders (see footnote 3). Based on prior years when Form 1120-S required each to be reported separately, nearly all of the combined amount represents interest.

[8] For most years, "income subject to tax" (the corporate tax base) exceeds "net income less deficit" chiefly because of the deficits reported on returns without net income. Moreover, it is the sum of the several tax bases applicable over time to different classes of corporations, not all of which were directly related to net income. Income subject to tax thus includes the "taxable income" base used by most companies (and defined as net income minus certain statutory special deductions); a variation of this base in combination with net long-term capital gains in certain situations when the lower capital gains tax applied; the special tax bases applicable to S Corporations and insurance businesses; and the amounts taxable to certain investment companies. Profits of Domestic International Sales Corporations were tax-deferred; most of those of qualifying Foreign Sales Corporations were tax-exempt; and those of S Corporations were taxed (with few exceptions) through their individual share-holders, so that the net income of these corporations is excluded from income subject to tax.

[9] Includes surcharge of \$784,437,000.

[10] General business credit includes alcohol fuel, investment, jobs, and employee stock ownership plan (ESOP) credits which were reported separately for previous years. With exceptions, investment credit was repealed effective 1986. For 1986, research credit was also included in the general business credit.

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

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

Table 14

[1] See footnote 7, Table 13.

[2] See footnote 9, Table 13.

[3] Also includes additional tax for tax preferences ("minimum tax"), tax from recomputing prior-year investment credit, and Personal Holding Company tax.

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

Table 15

[1] Profits shown are without inventory valuation and capital-consumption adjustment.

SOURCE: U.S. Department of Commerce, Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-82: Statistical Tables, 1986*; for years after 1982, *Survey of Current Business*, various issues; and *Statistics of Income--Corporation Income Tax Returns*, appropriate years. *Statistics of Income* data are subject to sampling error; tax law and tax form changes affect the year-to-year comparability of the data. See the specific *Statistics of Income* reports for a description of sampling error and of the changes mentioned above.

Tables 16 and 17

[1] Individual income tax collected includes that portion which was designated for the presidential election campaign fund by taxpayers on their returns. Also included is the fiduciary income tax collected (from estates and trusts). Fiduciary income tax collected was \$6.0 billion in 1989, \$6.5 billion in 1988, \$8.4 billion in 1987, and \$4.5 billion in 1986. Presidential election campaign designations amounted to \$32.3 million in 1989, \$33.4 million in 1988, \$33.2 million in 1987, and \$35.9 million in 1986.

[2] Corporation income tax collected includes various taxes applicable to tax-exempt organizations, including the tax on "unrelated business income." Total taxes collected from tax-exempt organizations were \$115.6 million (1989), \$137.5 million (1988), \$119.9 million (1987), and \$30.2 million (1986).

[3] Excise taxes are imposed on selected products, services, and activities, such as on sales of alcohol and tobacco products and on the manufacture of gasoline.

[4] Employment taxes include payroll taxes levied on salaries and wages, such as social security, railroad retirement, and unemployment taxes;

Notes to Selected Historical Data Tables

plus the self-employment tax imposed on "self-employment income."

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

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

Refunds result chiefly from tax overpayments determined at time of filing a return. Also included are amounts subsequently determined as due the taxpayer as a result of an amended return or a claim for refund (including those produced by "net operating loss" and other carryback adjustments from future taxable years); or as a result of initial return processing or of IRS examination and other activities. Individual income tax refunds are net of offsets under laws which require IRS to act as collection agent for delinquent payments owed various U.S. agencies under specific programs. All refund data include interest paid by IRS.

Detail may not add to totals because of rounding.

SOURCE: Internal Revenue Service, Returns Processing and Accounting Division, Accounting Branch; and Bureau of Alcohol, Tobacco and Firearms, U.S. Department of Treasury.

Table 18

- [1] Also includes lubricating oil taxes. Effective January 7, 1983, taxes on lubricating oil were repealed.
- [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] Repealed effective August 23, 1988 (P.L. 100-418). Amounts reported for more recent quarters result from amended filings, delinquent taxes, examination activities, and refunds.
- [7] Expired September 30, 1985; reimposed in January 1987.

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

Starting with Fiscal Year 1988, additional detail on manufacturers' excise taxes, retailers' and special fuel taxes, and miscellaneous excise taxes is available in the fourth quarter "Internal Revenue Report of Excise Taxes"; previously this information was published in the *Annual Report of the Commissioner and Chief Counsel, Internal Revenue Service*. For additional detail for alcohol and tobacco taxes, see the Statistical Release, "Alcohol and Tobacco Tax Collections," Bureau of Alcohol, Tobacco and Firearms, U.S. Department of the Treasury.

SOURCE: U.S. Department of the Treasury, Internal Revenue Service, Returns Processing and Accounting Division, Revenue and Accounting Branch; and Financial Management Service.

Table 19

- [1] Includes Forms 1040C, 1040NR, 1040PR, and 1040SS; excludes amended returns (Form 1040X).
- [2] Includes Forms 1120F, 1120 POL, and 1120H; excludes Forms 1120-DISC/FSC and amended returns (Form 1120X).
- [3] Includes Form 1041A.
- [4] Includes Form 990A.

SOURCE: Internal Revenue Service, Research Division, Projections and Forecasting Group.

Table 20

- [1] Estimates of returns with paid preparer assistance for all years except 1986 are based on the full-year sample of returns used for *Statistics of*

Income--Individual Income Tax Returns. Since data on paid preparers were not available from the 1986 SOI file, estimates were obtained by converting the 1986 Taxpayer Usage Study (TPUS) sample to the equivalent of the SOI sample. This was done because the TPUS sample represents returns filed through April, while the SOI sample represents all individual income tax returns filed in a calendar year. For additional information about the TPUS sample, see "Taxpayer Usage of Forms 1040, 1040A, and 1040EZ," *Statistics of Income Bulletin*, Fall 1989, Volume 9, Number 2.

- [2] Data on IRS Taxpayer Service Programs are collected on a fiscal-year basis. In general, assistance rendered in a given fiscal year may be related to returns due on April 15th during that fiscal year and are for the tax year ending

with the previous December. Therefore, data in Table 20, which are presented on a tax year basis, are actually for a fiscal year, so that data shown as for Tax Year 1988, for example, are actually for Fiscal Year 1989. However, data shown as for Tax Year 1989 are actually for the first 7 months of Fiscal Year 1990; the revised data will represent the entire Fiscal Year 1990.

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

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

Appendix*

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 reports (see the References at the end of this Appendix). More technical information is available, upon request, by writing to the Director, Statistics of Income Division, Internal Revenue Service, P.O. Box 2608, Washington, DC 20013-2608.

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. As returns are filed and processed for tax purposes, they are assigned to sampling classes (strata) based on criteria such as: industry, presence or absence of a tax form or schedule, accounting period, State from which filed, and various income factors or other measures of economic size (total assets, for example, is used for the corporation and partnership statistics). The samples are selected from each stratum over the appropriate filing periods. Thus, sample selection can continue for a given study for several calendar years, 3 for corporations because of the prevalence of fiscal (non-calendar) year reporting. Because sampling must take place before the population size is known precisely, the rates of sample selection within each stratum are fixed. This means in practice, that both the population and the sample size can differ from that planned. However, these factors do not compromise the validity of the estimates. The probability of a return being designated depends on its sample class or stratum and may range from a fraction of 1 percent to 100 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 based on the estimated cost or the target size of the total sample for the program.

For most SOI studies, returns are designated by computer from the IRS Master File based on the taxpayer identification number (TIN) which is either the social security number (SSN) or the employer identification number (EIN). A fixed and essentially random number is associated with each possible TIN. If that random number falls into a range of numbers specified for a return's sample stratum, then it is selected and processed for the study. Otherwise it is counted (for estimation purposes) but not selected. In some cases, the TIN is used directly by matching specified digits of it against a predetermined list for the sample stratum. A match is required for designation.

Under either method of selection, the TIN's designed from 1 year's sample are for the most part selected for the next year's, so that a very high proportion of the returns selected in the current sample are from taxpayers whose previous years' returns were included in earlier samples. This longitudinal character of the sample design improves the estimates of change from 1 year to the next.

METHOD OF ESTIMATION

As noted above, the probability with which a return is selected for inclusion in a sample depends on the sampling rate prescribed for the stratum in which it is classified. Weights are, in general, computed by dividing the count of returns filed for a given stratum by the count of sample returns for that same stratum. "Weights" are used to adjust for the various sampling rates used--the lower the rate, the larger the weight. For some studies, it is possible to improve the estimates by subdividing the original sampling classes into "post-strata," based on additional criteria or refinements of those used in the original stratification. Weights are then computed for these post-strata using additional population counts. The data on each return in a stratum are multiplied by that weight. To produce the tabulated estimates, these weighted data are summed to produce the published statistical totals.

*Compiled by Bettye Jamerson, Coordination and Publications Staff, under the direction of Robert Wilson, Chief, Publications Team. Major contributions were made by Paul McMahon, Mathematical Statistical Team.

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 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 percent confidence interval estimate:

$$\begin{array}{r}
 150,000 \quad \text{(sample estimate)} \\
 \times 0.02 \quad \text{(coefficient of variation)} \\
 = 3,000 \quad \text{(standard error of estimate)} \\
 \\
 150,000 \quad \text{(sample estimate)} \\
 + \text{ or } - 3,000 \quad \text{(standard error)} \\
 = 147,000-153,000 \quad \text{(68 percent confidence interval)}
 \end{array}$$

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 percent confidence, the standard error should be multiplied by 2 before adding to and subtracting from the sample estimate. (In this particular case, the resulting interval would be from 144 to 156 thousand returns.)

Generally in the SOI Bulletin only conservative upper limit CV's are provided for frequency estimates. These do, however, provide a rough guide to the order of magnitude of the sampling error.

Further details concerning sample design, sample selection, estimation method, and sampling variability for a particular SOI study, may be obtained on request by writing the Director, Statistics of Income Division.

NONSAMPLING ERROR CONTROLS AND LIMITATIONS

Although the previous discussion focuses on sampling methods and the limitations of the data caused by sampling error, there are other sources of error that may be significant in evaluating the usefulness of SOI data. These include taxpayer reporting errors, processing errors, and effects of an early cut-off of sampling. More extensive information on nonsampling error 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. Tax return data may be disaggregated or recombined during statistical "editing" in order both to improve data consistency from return to return and to achieve definitions of the data items that are more in keeping with the needs of major users. In some cases not all of the data are available from the tax return as originally filed. Sometimes the missing data can be obtained through field followup. More often though, they are obtained through imputation methods. As examples, other information in the return or in accompanying schedules may be sufficient to enable an estimate to be made; prior-year data for the same taxpayer may be used for the same purpose; or data from another return for the same year that has similar characteristics may be substituted. Research to improve methods of imputing data that are missing from returns continues to be an ongoing process [1].

Quality of the basic data abstracted from the returns is subjected to a number of quality control steps including 100-percent key verification. The data are then subjected to many tests based on the structure of the tax law and the improbability of various data combinations. Records failing these tests are then subjected to further review and any necessary corrections are made. 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 [2].

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 in SOI tables by an asterisk (*) to the left of the data item(s). The presence of an asterisk indicates that the sample rate is less than 100 percent of the population and that 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 [3]. These combinations and deletions are indicated by a double asterisk (**).

NOTES

- [1] See, for example, Hinkins, Susan M., "Matrix Sampling and the Effects of Using Hot Deck Imputation," in 1984 *Proceedings: American Statistical Association, Section on Survey Research Methods*. Other research efforts are included in *Statistical Uses of Administrative Records: Recent Research and Present Prospects*, Volume 1, Internal Revenue Service, March 1984.
- [2] Quality control activities for all SOI studies are published from time to time in a series of separate reports. These reports provide detailed information relating to quality in all phases of SOI processing.

- [3] For geographic statistics, these same steps are taken when a weighted frequency is less than 10.

REFERENCES

For information about the samples used for specific SOI programs see:

Statistics of Income--1986, Individual Income Tax Returns, 1984, (see especially pages 11-14).

Statistics of Income--1986, Corporation Income Tax Returns (see especially pages 9-17).

Statistics of Income--1978-82, Partnership Returns (see especially pages 237-244).

Statistics of Income--1979-83, Compendium of Studies of International Income and Taxes, Foreign Income and Taxes Reported on U.S. Tax Returns (see information about the samples used at the end of each chapter).

SOI Bulletin (see each issue).

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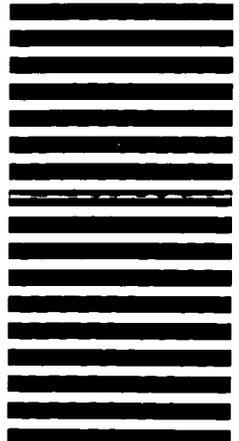


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