

Individual Income Tax Rates and Tax Shares, 1991-1992

by Therese M. Cruciano

Approximately 77 percent of the individual income tax returns for 1991 and 76 percent of the returns for 1992 showed an income tax liability [1]. The tax reported totaled \$448.4 billion for 1991, increasing to \$476.2 billion for 1992. The average tax (tax per taxable return) increased 8.6 percent from \$5,054 per return to \$5,491 per return, while the average tax rate for these "taxable returns" grew from 13.4 percent of "adjusted gross income" to 13.7 percent.

The increase in the average tax rate for 1992 reversed the decline that began after 1988, the first year of the effective three-rate tax bracket structure (the two-rate tax bracket structure coupled with the 5 percent surtax) initiated by the Tax Reform Act of 1986 (TRA'86). The average tax rates starting with 1985, the year before the passage of TRA'86, were 14.4 for 1985, 15.1 for 1986, 13.7 for 1987, 13.8 for 1988, then 13.7, 13.6, 13.4, and, finally, 13.7 for 1992.

Direct comparisons, however, of average tax rates for years following 1986 with those for earlier years can be misleading. The many changes in tax treatment of income, losses, and deductions introduced by TRA'86 resulted in an expanded definition of adjusted gross income (AGI) [2]. All else being equal, the broadened definition of AGI would have reduced the average income tax rate, even if economic income and tax rates had remained unchanged. To overcome this limitation and facilitate comparisons of income and income tax rates before and after the redefinition of AGI, the AGI statistics were recomputed for 1985 and subsequent years using a consistent definition of income. Using this consistent income definition, the average tax rates became 13.6 percent for 1985 and 1986; then, starting with 1987, the percentages were 13.5, 13.7, 13.6, 13.4, 13.2, and finally 13.4 percent for 1992. Even when using this consistent income definition, 1992 was the first year since 1988 that the average tax rate had increased.

Of the 1991 returns with positive AGI, 11.4 million returns in the top 10 percentile group reported \$1,343.2 billion in AGI and \$250.3 billion in total income tax. These returns, while earning 38.2 percent of AGI, reported 55.8 percent of total income tax. Using the consistent income definition, the income of this top percentile was \$1,390.4 billion, accounting for 38.9 percent of total income, and their total income tax was \$246.7 billion, or 55.1 percent of total income tax reported. For 1992, 11.3 million returns with positive AGI in the top 10 percentile group reported \$1,443.8 billion in income and \$276.2

billion in total income tax, representing a 39.2 percent share of total income and a 58.0 percent share of the total income tax. Using the consistent income definition, these returns showed income of \$1,508.9 billion and total income tax of \$272.3 billion, accounting for 40.1 percent of total AGI and 57.2 percent of total income tax reported.

Income Tax Structure

Each year, taxpayers must file an income tax return if they meet certain minimum filing requirements. The filing requirements for 1991 and 1992 were based on the amount of "gross income," filing status, age, and, to a lesser extent, on dependency and blindness [3]. Generally, the minimum level of income for which a return was required to be filed equaled the sum of the standard deduction for the particular filing status and the amount of the personal exemption deduction allowed for the taxpayer (but not for any dependents). In addition to the general filing requirements, individuals were required to file a return for Tax Years 1991 and 1992 if they had net earnings from self-employment income of at least \$400; liability for social security or Medicare tax on unreported tip income; social security, Medicare, or railroad retirement tax on reported tip income or group-term life insurance; "alternative minimum tax"; tax on a qualified retirement plan, including an Individual Retirement Arrangement (IRA); tax on recapture of investment credit or low-income housing credit; recapture tax on the

For 1992, the top 5 percent of tax returns, with "adjusted gross income" of at least \$85,103, reported 45.88 percent of the total individual income tax.

disposition of a home purchased with a federally-subsidized mortgage; any advance earned income credit payments; or wages of \$108.28 or more from a church or qualified church-controlled organization that was exempt from social security taxes.

Gross income includes all income (legal or illegal), received in the form of money, goods, property, or services, that was not expressly exempt from tax [4]. Adjusted gross income (AGI) is equal to gross income less deductions for certain expenses [5]. "Taxable income," the base on which income tax before credits is computed, equals AGI less the amount for personal exemptions and less either total allowable itemized deductions for taxpayers who itemized deductions, or the standard deduction (including the additional amounts for age and blindness) for all other taxpayers. Income tax before credits is calculated on taxable income using the tax table or tax rate schedules that vary with taxpayer filing status (single,

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