Figure 22-1: Present value of education


| Discount <br> Rate, \% | Percent value, Thousands of 2004 dollars <br> High School |  |
| :---: | :---: | :---: |
| College |  |  |
| 0 | 2,088 | 2,583 |
| 1 | 1,506 | 1,807 |
| 2 | 1,126 | 1,302 |
| 3 | 871 | 965 |
| 4 | 694 | 733 |
| 5 | 568 | 569 |
| 5.1 | 560 | 560 |
| 7 | 475 | 450 |
| 8 | 406 | 362 |
| 9 | 352 | 295 |

## Figure 22-2: Tax subsidy to savings

| The tax advantage of I RA savings |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Account type | Earnings | Tax on earnings $(\tau=25 \%)$ | Initial deposit | Interest earned $(r=10 \%)$ | Taxes paid upon witholrawal | Total a mount withdrawn |
| Regular | \$100 | \$25 | \$75 | \$7.50 | $\begin{gathered} \$ 1.88 \\ =0.25 \times(\$ 7.50) \end{gathered}$ | $\begin{gathered} \$ 80.62 \\ =\$ 75+\$ 7.50-\$ 1.88 \end{gathered}$ |
| IRA | \$100 | 0 | \$100 | \$10 | $\begin{gathered} \$ 27.50 \\ =0.25 \times(\$ 110) \end{gathered}$ | $\begin{gathered} \$ 82.50 \\ =\$ 100+\$ 10-\$ 27.50 \end{gathered}$ |

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