## IRA vs. Roth IRA

## Comparison Analysis of Cash Flow and Plan Assets

The disadvantage of a Roth IRA instead of an IRA is contributions to a Roth are not deductible.

The two advantages of utilizing a Roth IRA instead of an IRA are 1) tax free distributions from plan values and 2) the absence of government-directed required minimum distributions.

Comparison of Distributions

|  | IRA | Roth IRA |
| :--- | :---: | :---: |
| Example of a <br> Plan Distribution | $\$ 25,000$ | $\$ 25,000$ |
| Income Tax Bracket | $30.00 \%$ | n/a |
| Net Cash Flow | $\$ 17,500$ | $\$ 25,000$ |

The identical amount distributed from each plan produces more after tax cash flow from the Roth, $42.86 \%$ more in this example, and this difference occurs year after year.

## IRA

Current Age: 45
Distributions Begin at Age: 65
Values When Distributions Begin: $\mathbf{\$ 4 4 5 , 1 5 6}$
\$1,051,927
Before Tax
Cumulative
Distributions
(age 65-94)
\$736,349
After Tax
Cumulative
Distributions
(age 65-94)

This difference can be further compounded in favor of the Roth due to its likely increased value since it requires no required minimum distributions.

Another advantage of a Roth IRA involves children who inherit it. Due to the Roth's absence of required minimum distributions, it will likely have a greater inherited value. This, coupled with tax free distributions for children from an inherited Roth, can produce a major difference in wealth for heirs. From a generational perspective, a Roth transformed into an inherited Roth for the children is a winner by a substantial margin.

The graph below is a summary of the distribution results from this analysis.

Roth IRA
Current Age: 45
Distributions Begin at Age: 65
Values When Distributions Begin: \$375,331


## IRA vs. Roth IRA

Comparison Analysis of Accumulation of Assets

| Initial | Plan |
| :---: | ---: |
| Plan Assets | Yield |
| 50,000 | $7.50 \%$ |


| IRA |  |  |  |
| :---: | :---: | :---: | :---: |
| (1) <br> Beginning of Year Balance in Plan Assets | (2) <br> Contribution to the Plan | (3) <br> Beginning of Year Plan Assets | (4) <br> Year End Plan Assets |
| 50,000 | 5,000 | 55,000 | - 59,125 |
| 59,125 | 5,000 | 64,125 | - 68,934 |
| 68,934 | 5,000 | 73,934 | - 79,479 |
| 79,479 | 5,000 | 84,479 | $\square \quad 90,815$ |
| 90,815 | 5,000 | 95,815 | $\square 103,001$ |
| 103,001 | 5,000 | 108,001 | $\square 116,101$ |
| 116,101 | 5,000 | 121,101 | $\square 130,184$ |
| 130,184 | 5,000 | 135,184 | 145,323 |
| 145,323 | 5,000 | 150,323 | 161,597 |
| 161,597 | 5,000 | 166,597 | 179,092 |
| 179,092 | 5,000 | 184,092 | 197,899 |
| 197,899 | 5,000 | 202,899 | 218,116 |
| 218,116 | 5,000 | 223,116 | 239,850 |
| 239,850 | 5,000 | 244,850 | 263,214 |
| 263,214 | 5,000 | 268,214 | 288,330 |
| 288,330 | 5,000 | 293,330 | 315,330 |
| 315,330 | 5,000 | 320,330 | 344,355 |
| 344,355 | 5,000 | 349,355 | 375,557 |
| 375,557 | 5,000 | 380,557 | 409,099 |
| 409,099 | 5,000 | 414,099 | 445,156 |


| Roth IRA |  |  |  |
| :---: | :---: | :---: | :---: |
| (5) Beginning of Year Balance in Plan Assets | (6) <br> Contribution to the Plan | (7) <br> Beginning of Year Plan Assets | (8) <br> Year End Plan Assets |
| 50,000 | 3,500 | 53,500 | 57,513 |
| 57,513 | 3,500 | 61,013 | 65,589 |
| 65,589 | 3,500 | 69,089 | 74,271 |
| 74,271 | 3,500 | 77,771 | 83,604 |
| 83,604 | 3,500 | 87,104 | 93,637 |
| 93,637 | 3,500 | 97,137 | $\square 104,422$ |
| 104,422 | 3,500 | 107,922 | $\square 116,016$ |
| 116,016 | 3,500 | 119,516 | 128,480 |
| 128,480 | 3,500 | 131,980 | 141,879 |
| 141,879 | 3,500 | 145,379 | 156,282 |
| 156,282 | 3,500 | 159,782 | 171,766 |
| 171,766 | 3,500 | 175,266 | 188,411 |
| 188,411 | 3,500 | 191,911 | 206,304 |
| 206,304 | 3,500 | 209,804 | 225,539 |
| 225,539 | 3,500 | 229,039 | 246,217 |
| 246,217 | 3,500 | 249,717 | 268,446 |
| 268,446 | 3,500 | 271,946 | 292,342 |
| 292,342 | 3,500 | 295,842 | 318,030 |
| 318,030 | 3,500 | 321,530 | 345,645 |
| 345,645 | 3,500 | 349,145 | 375,331 |


| Initial | Plan |
| :---: | ---: |
| Plan Assets | Yield |
| 50,000 | $7.50 \%$ |

## IRA vs. Roth IRA

Comparison Analysis of Cash Flow and Plan Assets

|  |  |  |  | $\begin{gathered} \mathrm{Pl} \\ \mathrm{Yie} \\ 7.5 \end{gathered}$ | an <br> ld <br> 0\% | Income 30 | Bracket |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | IRA |  |  |  |  | Roth IRA |  |  |
| Distrib Year | ution <br> Age | (1) <br> Beginning of Year Balance in Plan Assets | (2)* <br> Before Tax IRS <br> Required Minimum Distribution | (3) <br> Before Tax Scheduled Distribution | (4) <br> After Tax Scheduled Distribution | (5) <br> Year End Plan Assets | (6) <br> Beginning of Year Balance in Plan Assets | (7) <br> Before Tax IRS <br> Required Minimum Distribution | (8) <br> Before Tax Scheduled Distribution | (9)** <br> After Tax Scheduled Distribution | (10) <br> Year End Plan <br> Assets |
| 1 | 65 | 445,156 | 0 | 35,061 | 24,543 | 440,852 | 375,331 | 0 | 24,543 | 24,543 | 377,097 |
| 2 | 66 | 440,852 | 0 | 35,061 | 24,543 | 436,225 | 377,097 | 0 | 24,543 | 24,543 | 378,996 |
| 3 | 67 | 436,225 | 0 | 35,061 | 24,543 | 431,250 | 378,996 | 0 | 24,543 | 24,543 | 381,037 |
| 4 | 68 | 431,250 | 0 | 35,061 | 24,543 | 425,903 | 381,037 | 0 | 24,543 | 24,543 | 383,231 |
| 5 | 69 | 425,903 | 0 | 35,061 | 24,543 | 420,155 | 383,231 | 0 | 24,543 | 24,543 | 385,590 |
| 6 | 70 | 420,155 | 15,334 | 35,061 | 24,543 | 413,975 | 385,590 | 0 | 24,543 | 24,543 | 388,126 |
| 7 | 71 | 413,975 | 15,622 | 35,061 | 24,543 | 407,332 | 388,126 | 0 | 24,543 | 24,543 | 390,852 |
| 8 | 72 | 407,332 | 15,911 | 35,061 | 24,543 | 400,191 | 390,852 | 0 | 24,543 | 24,543 | 393,782 |
| 9 | 73 | 400,191 | 16,202 | 35,061 | 24,543 | 392,515 | 393,782 | 0 | 24,543 | 24,543 | 396,932 |
| 10 | 74 | 392,515 | 16,492 | 35,061 | 24,543 | 384,262 | 396,932 | 0 | 24,543 | 24,543 | 400,318 |
| 11 | 75 | 384,262 | 16,780 | 35,061 | 24,543 | 375,391 | 400,318 | 0 | 24,543 | 24,543 | 403,958 |
| 12 | 76 | 375,391 | 17,063 | 35,061 | 24,543 | 365,854 | 403,958 | 0 | 24,543 | 24,543 | 407,871 |
| 13 | 77 | 365,854 | 17,257 | 35,061 | 24,543 | 355,602 | 407,871 | 0 | 24,543 | 24,543 | 412,078 |
| 14 | 78 | 355,602 | 17,517 | 35,061 | 24,543 | 344,581 | 412,078 | 0 | 24,543 | 24,543 | 416,600 |
| 15 | 79 | 344,581 | 17,671 | 35,061 | 24,543 | 332,734 | 416,600 | 0 | 24,543 | 24,543 | 421,461 |
| 16 | 80 | 332,734 | 17,793 | 35,061 | 24,543 | 319,998 | 421,461 | 0 | 24,543 | 24,543 | 426,687 |
| 17 | 81 | 319,998 | 17,877 | 35,061 | 24,543 | 306,307 | 426,687 | 0 | 24,543 | 24,543 | 432,305 |
| 18 | 82 | 306,307 | 17,913 | 35,061 | 24,543 | 291,589 | 432,305 | 0 | 24,543 | 24,543 | 438,344 |
| 19 | 83 | 291,589 | 17,889 | 35,061 | 24,543 | 275,767 | 438,344 | 0 | 24,543 | 24,543 | 444,836 |
| 20 | 84 | 275,767 | 17,791 | 35,061 | 24,543 | 258,758 | 444,836 | 0 | 24,543 | 24,543 | 451,815 |
| 21 | 85 | 258,758 | 17,484 | 35,061 | 24,543 | 240,474 | 451,815 | 0 | 24,543 | 24,543 | 459,317 |
| 22 | 86 | 240,474 | 17,055 | 35,061 | 24,543 | 220,818 | 459,317 | 0 | 24,543 | 24,543 | 467,382 |
| 23 | 87 | 220,818 | 16,479 | 35,061 | 24,543 | 199,689 | 467,382 | 0 | 24,543 | 24,543 | 476,052 |
| 24 | 88 | 199,689 | 15,724 | 35,061 | 24,543 | 176,974 | 476,052 | 0 | 24,543 | 24,543 | 485,372 |
| 25 | 89 | 176,974 | 14,748 | 35,061 | 24,543 | 152,556 | 485,372 | 0 | 24,543 | 24,543 | 495,391 |
| 26 | 90 | 152,556 | 13,382 | 35,061 | 24,543 | 126,307 | 495,391 | 0 | 24,543 | 24,543 | 506,162 |
| 27 | 91 | 126,307 | 11,695 | 35,061 | 24,543 | 98,089 | 506,162 | 0 | 24,543 | 24,543 | 517,740 |
| 28 | 92 | 98,089 | 9,617 | 35,061 | 24,543 | 67,755 | 517,740 | 0 | 24,543 | 24,543 | 530,187 |
| 29 | 93 | 67,755 | 7,058 | 35,061 | 24,543 | 35,145 | 530,187 | 0 | 24,543 | 24,543 | 543,567 |
| 30 | 94 | 35,145 | 3,862 | 35,145 | 24,602 | 0 | 543,567 | 0 | 24,543 | 24,543 | 557,951 |
|  |  |  | 382,216 | 1,051,914 | 736,349 |  |  | 0 | 736,290 | 736,290 |  |

*Column (2) projects an estimate of the required minimum distribution based on the Uniform Lifetime table life expectancy factors, recalculated each year based on asset value and client age.

Plan results are hypothetical only. Actual results will vary due to changes in contributions and withdrawals, income tax brackets, and investment performance.
**Income tax bracket is irrelevant with this Roth IRA.
Summary of 30 Distribution Years

## IRA vs. Roth IRA

Presented By: [Licensed user's name appears here]
Comparison Analysis of Cash Flow and Plan Assets at age 94

## IRA



## Roth IRA



## IRA vs. Roth IRA

Presented By: [Licensed user's name appears here]
Comparison Analysis of Cash Flow and Plan Assets

## IRA

Cumulative Distributions
(After Tax)


Plan Assets



## Roth IRA

## Cumulative Distributions

 (After Tax)Plan Assets


