Retirement Strategies: Arbitrage vs. Accellerated Arbitrage

For: Robert Sterling


## Retirement Strategies: Arbitrage vs. Accellerated Arbitrage

## Presented By: [Licensed user's name appears here]

## Preface

## In the accompanying pages is an analysis that compares costs and benefits of different life insurance policies.

There are two policies included in this analysis, allowing you to easily review how the plans differ in terms of premiums, loan proceeds, cash accumulation, death benefits, and internal rates of return.

A mathematical evaluation is not the only important item to study when purchasing life insurance. Others are:

1. The financial strength of the company;
2. Suitability of the type of plan;
3. Plan provisions and contractual guarantees;
4. Reputation of the agent or broker.

An analysis of these points, along with conclusions drawn from the accompanying reports, should be useful to you as part of the evaluation of your life insurance purchase. Below is a graphic summarizing the results of the accompanying presentation.

## Cumulative Net Payments



Cumulative After Tax Cash Flow


## Comparison of Policy Values at year 55



This graphic and the other reports in this presentation assume the non-guaranteed values of the life insurance policies under consideration. These non-guaranteed values are hypothetical only. Actual results will vary and be more or less favorable depending upon a number of factors. Please review all carrier illustrations and disclaimers in conjunction with this presentation.

## Retirement Strategies: Arbitrage vs. Accellerated Arbitrage

## Presented By: [Licensed user's name appears here]

## Comparison of Values

Indexed Universal Life
Interest Rate: 7.00\%


Client's Share of Premium Financing
Indexed Universal Life
Interest Rate: 7.00\%

## Accelerated Arbitrage (with PF)

| (5) <br> After Tax <br> Policy <br> Loan <br> Proceeds | (6) | (7) |
| :---: | :---: | :---: |
|  |  |  |
|  | Year End |  |
|  | Cash | Death |
|  | Value* | Benefit |
| 0 | 19,742 | 4,236,015 |
| 0 | 46,667 | 4,262,940 |
| 0 | 81,162 | 4,297,435 |
| 0 | 123,693 | 4,339,966 |
| 0 | 174,546 | 4,390,819 |
| 0 | 234,051 | 4,450,324 |
| 0 | 302,473 | 4,518,746 |
| 0 | 380,353 | 4,596,626 |
| 0 | 468,169 | 4,684,442 |
| 0 | 565,982 | 4,782,255 |
| 0 | \|| 718,999 | 4,935,272 |
| 0 | - 888,987 | 5,105,260 |
| 0 | 1,077,019 | 5,293,292 |
| 0 | 1,283,993 | 5,500,266 |
| 0 | 1,511,377 | 5,727,650 |
| 0 | 1,680,585 | 5,896,858 |
| 0 | 1,864,863 | 6,081,136 |
| 0 | 2,065,096 | 6,281,369 |
| 0 | 2,282,441 | 6,498,714 |
| 0 | 2,518,202 | 6,734,475 |
| 350,000 | 2,408,979 | 3,822,610 |
| 350,000 | 2,301,220 | 3,737,782 |
| 350,000 | 2,195,551 | 3,650,971 |
| 350,000 | 2,092,730 | 3,562,354 |
| 350,000 | 1,993,604 | 3,472,136 |
| 350,000 | 1,899,158 | 3,380,595 |
| 350,000 | 1,811,584 | 3,183,737 |
| 350,000 | 1,732,699 | 2,973,588 |
| 350,000 | 1,664,599 | 2,749,784 |
| 350,000 | 1,608,947 | 2,511,185 |

*This illustration assumes the nonguaranteed values shown continue in all years. This is not likely, and actual results may be more or less favorable. This illustration is not valid unless accompanied by a basic illustration from the issuing life insurance company.

## Retirement Strategies: Arbitrage vs. Accellerated Arbitrage

## Presented By: [Licensed user's name appears here]

## Comparison of Values

Indexed Universal Life
Interest Rate: 7.00\%


750,000
5,950,000

Client's Share of Premium Financing Indexed Universal Life Interest Rate: 7.00\%

| Accelerated Arbitrage (with PF) |  |  |
| :---: | :---: | :---: |
| (5) | (6) | (7) |
| After Tax |  |  |
| Policy | Year End |  |
| Loan | Cash | Death |
| Proceeds | Value* | Benefit |
| 350,000 | 1,566,108 | 2,254,998 |
| 350,000 | 1,534,827 | 2,271,056 |
| 350,000 | 1,516,415 | 2,303,073 |
| 350,000 | 1,512,334 | 2,352,705 |
| 350,000 | 1,523,992 | 2,421,559 |
| 350,000 | 1,552,529 | 2,510,966 |
| 350,000 | 1,598,952 | 2,622,125 |
| 350,000 | 1,664,319 | 2,756,297 |
| 350,000 | 1,749,342 | 2,914,385 |
| 350,000 | 1,853,730 | 3,096,246 |
| 350,000 | 1,975,779 | 3,300,263 |
| 350,000 | 2,116,059 | 3,527,218 |
| 350,000 | 2,273,212 | 3,775,870 |
| 350,000 | 2,444,981 | 4,044,053 |
| 350,000 | 2,628,688 | 4,329,161 |
| 350,000 | 2,820,718 | 4,627,620 |
| 350,000 | 3,070,394 | 4,607,237 |
| 350,000 | 3,398,796 | 4,625,331 |
| 350,000 | 3,833,473 | 4,704,693 |
| 350,000 | 4,409,366 | 4,874,273 |
| 350,000 | 5,167,849 | 5,167,849 |
| 350,000 | 6,032,929 | 6,032,929 |
| 350,000 | 7,015,464 | 7,015,464 |
| 350,000 | 8,127,298 | 8,127,298 |
| 350,000 | 9,381,353 | 9,381,353 |

$12,250,000$
*This illustration assumes the nonguaranteed values shown continue in all years. This is not likely, and actual results may be more or less favorable. This illustration is not valid unless accompanied by a basic illustration from the issuing life insurance company.

## Retirement Strategies: Arbitrage vs. Accellerated Arbitrage

## 55 Year Analysis

## Cumulative Net Payments



Policy Surrender Value


## Cumulative After Tax Loan Proceeds



Policy Death Benefit


## Retirement Strategies: Arbitrage vs. Accellerated Arbitrage

## Pre-Tax Equivalent Rates of Return Required on Premium to Match Policy Values

| Income Tax Rate 40.00\% |  |  | Indexed Universal Life Interest Rate: 7.00\% |  |  | Client's Share of Premium Financing Indexed Universal Life Interest Rate: 7.00\% |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Arbitrage (No PF) |  |  | Accelerated Arbitrage (with PF) |  |  |
| Yr | Male Age | (1) <br> Premium Payment | (2) <br> After Tax Policy Loan Proceeds | $\begin{gathered} \text { (3) } \\ \text { Year End } \\ \text { Cash } \\ \text { Value* } \end{gathered}$ | (4) <br> Death <br> Benefit | (5) <br> After Tax Policy Loan Proceeds | (6) <br> Year End Cash Value* | (7) <br> Death <br> Benefit |
| 1 | 45 | 50,000 | 0 | -13.02 | 3491.87 | 0 | -60.52 | 13953.38 |
| 2 | 46 | 50,000 | 0 | -6.80 | 551.60 | 0 | -41.22 | 1291.18 |
| 3 | 47 | 50,000 | 0 | -3.45 | 246.64 | 0 | -27.71 | 505.65 |
| 4 | 48 | 50,000 | 0 | -1.35 | 148.24 | 0 | -18.32 | 289.43 |
| 5 | 49 | 50,000 | 0 | 0.14 | 102.15 | 0 | -11.75 | 195.42 |
| 6 | 50 | 50,000 | 0 | 1.87 | 76.18 | 0 | -7.05 | 144.47 |
| 7 | 51 | 50,000 | 0 | 3.18 | 59.85 | 0 | -3.65 | 113.08 |
| 8 | 52 | 50,000 | 0 | 4.20 | 48.81 | 0 | -1.12 | 92.04 |
| 9 | 53 | 50,000 | 0 | 5.03 | 40.96 | 0 | 1.32 | 77.10 |
| 10 | 54 | 50,000 | 0 | 5.71 | 35.15 | 0 | 3.74 | 66.02 |
| 11 | 55 | 50,000 | 0 | 6.71 | 30.90 | 0 | 7.34 | 57.77 |
| 12 | 56 | 50,000 | 0 | 7.50 | 27.61 | 0 | 9.86 | 51.30 |
| 13 | 57 | 50,000 | 0 | 8.13 | 25.01 | 0 | 11.66 | 46.12 |
| 14 | 58 | 50,000 | 0 | 8.65 | 22.92 | 0 | 12.96 | 41.90 |
| 15 | 59 | 50,000 | 0 | 9.08 | 21.23 | 0 | 13.91 | 38.42 |
| 16 | 60 | 0 | 0 | 9.47 | 19.89 | 0 | 14.36 | 35.46 |
| 17 | 61 | 0 | 0 | 9.78 | 18.78 | 0 | 14.70 | 32.98 |
| 18 | 62 | 0 | 0 | 10.04 | 17.86 | 0 | 14.95 | 30.87 |
| 19 | 63 | 0 | 0 | 10.26 | 17.09 | 0 | 15.14 | 29.06 |
| 20 | 64 | 0 | 0 | 10.45 | 16.44 | 0 | 15.28 | 27.51 |
| 21 | 65 | 0 | 170,000 | 10.62 | 12.76 | 350,000 | 15.46 | 20.26 |
| 22 | 66 | 0 | 170,000 | 10.77 | 12.70 | 350,000 | 15.65 | 19.89 |
| 23 | 67 | 0 | 170,000 | 10.92 | 12.66 | 350,000 | 15.84 | 19.59 |
| 24 | 68 | 0 | 170,000 | 11.05 | 12.63 | 350,000 | 16.04 | 19.35 |
| 25 | 69 | 0 | 170,000 | 11.18 | 12.61 | 350,000 | 16.23 | 19.16 |
| 26 | 70 | 0 | 170,000 | 11.30 | 12.60 | 350,000 | 16.43 | 19.01 |
| 27 | 71 | 0 | 170,000 | 11.42 | 12.52 | 350,000 | 16.63 | 18.76 |
| 28 | 72 | 0 | 170,000 | 11.54 | 12.44 | 350,000 | 16.83 | 18.54 |
| 29 | 73 | 0 | 170,000 | 11.65 | 12.38 | 350,000 | 17.02 | 18.36 |
| 30 | 74 | 0 | 170,000 | 11.77 | 12.32 | 350,000 | 17.22 | 18.20 |
|  |  | 750,000 | 1,700,000 |  |  | 3,500,000 |  |  |

*This illustration assumes the nonguaranteed values shown continue in all years. This is not likely, and actual results may be more or less favorable. This illustration is not valid unless accompanied by a basic illustration from the issuing life insurance company.

## Retirement Strategies: Arbitrage vs. Accellerated Arbitrage

## Pre-Tax Equivalent Rates of Return Required on Premium to Match Policy Values

| Income Tax Rate 40.00\% |  |  | Indexed Universal Life Interest Rate: 7.00\% |  |  | Client's Share of Premium Financing Indexed Universal Life Interest Rate: 7.00\% |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Arbitrage (No PF) |  |  | Accelerated Arbitrage (with PF) |  |  |
| Yr | $\begin{aligned} & \text { Male } \\ & \text { Age } \end{aligned}$ | (1) <br> Premium Payment |  | (3) <br> Year End Cash Value* | (4) <br> Death <br> Benefit | (5) <br> After Tax Policy Loan Proceeds | (6) <br> Year End Cash Value* | (7) <br> Death <br> Benefit |
| 31 | 75 | 0 | 170,000 | 11.88 | 12.27 | 350,000 | 17.40 | 18.07 |
| 32 | 76 | 0 | 170,000 | 11.99 | 12.36 | 350,000 | 17.58 | 18.20 |
| 33 | 77 | 0 | 170,000 | 12.10 | 12.46 | 350,000 | 17.74 | 18.33 |
| 34 | 78 | 0 | 170,000 | 12.20 | 12.55 | 350,000 | 17.90 | 18.44 |
| 35 | 79 | 0 | 170,000 | 12.30 | 12.64 | 350,000 | 18.04 | 18.55 |
| 36 | 80 | 0 | 170,000 | 12.40 | 12.72 | 350,000 | 18.17 | 18.65 |
| 37 | 81 | 0 | 170,000 | 12.49 | 12.81 | 350,000 | 18.30 | 18.74 |
| 38 | 82 | 0 | 170,000 | 12.58 | 12.88 | 350,000 | 18.41 | 18.83 |
| 39 | 83 | 0 | 170,000 | 12.66 | 12.96 | 350,000 | 18.51 | 18.90 |
| 40 | 84 | 0 | 170,000 | 12.74 | 13.03 | 350,000 | 18.61 | 18.97 |
| 41 | 85 | 0 | 170,000 | 12.81 | 13.09 | 350,000 | 18.69 | 19.03 |
| 42 | 86 | 0 | 170,000 | 12.88 | 13.16 | 350,000 | 18.76 | 19.08 |
| 43 | 87 | 0 | 170,000 | 12.95 | 13.21 | 350,000 | 18.83 | 19.13 |
| 44 | 88 | 0 | 170,000 | 13.01 | 13.26 | 350,000 | 18.88 | 19.17 |
| 45 | 89 | 0 | 170,000 | 13.06 | 13.31 | 350,000 | 18.93 | 19.20 |
| 46 | 90 | 0 | 170,000 | 13.11 | 13.35 | 350,000 | 18.97 | 19.23 |
| 47 | 91 | 0 | 170,000 | 13.17 | 13.35 | 350,000 | 19.02 | 19.21 |
| 48 | 92 | 0 | 170,000 | 13.22 | 13.36 | 350,000 | 19.06 | 19.19 |
| 49 | 93 | 0 | 170,000 | 13.28 | 13.37 | 350,000 | 19.10 | 19.19 |
| 50 | 94 | 0 | 170,000 | 13.34 | 13.38 | 350,000 | 19.15 | 19.19 |
| 51 | 95 | 0 | 170,000 | 13.41 | 13.41 | 350,000 | 19.20 | 19.20 |
| 52 | 96 | 0 | 170,000 | 13.47 | 13.47 | 350,000 | 19.24 | 19.24 |
| 53 | 97 | 0 | 170,000 | 13.54 | 13.54 | 350,000 | 19.28 | 19.28 |
| 54 | 98 | 0 | 170,000 | 13.60 | 13.60 | 350,000 | 19.32 | 19.32 |
| 55 | 99 | 0 | 170,000 | 13.66 | 13.66 | 350,000 | 19.35 | 19.35 | accompanied by a basic illustration from the issuing life insurance company.

## Retirement Strategies: Arbitrage vs. Accellerated Arbitrage

## Net Rates of Return Required on Premium to Match Policy Values

| Income Tax Rate 40.00\% |  |  | Indexed Universal Life Interest Rate: 7.00\% |  |  | Client's Share of Premium Financing Indexed Universal Life Interest Rate: 7.00\% |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Arbitrage (No PF) |  |  | Accelerated Arbitrage (with PF) |  |  |
| Yr | Male Age | (1) <br> Premium Payment | (2) <br> After Tax <br> Policy <br> Loan <br> Proceeds | (3) <br> Year End Cash Value* | (4) <br> Death <br> Benefit | (5) <br> After Tax Policy Loan Proceeds | $\begin{gathered} \text { (6) } \\ \text { Year End } \\ \text { Cash } \\ \text { Value* } \end{gathered}$ | (7) <br> Death <br> Benefit |
| 1 | 45 | 50,000 | 0 | -13.02 | 2095.12 | 0 | -60.52 | 8372.03 |
| 2 | 46 | 50,000 | 0 | -6.80 | 330.96 | 0 | -41.22 | 774.71 |
| 3 | 47 | 50,000 | 0 | -3.45 | 147.98 | 0 | -27.71 | 303.39 |
| 4 | 48 | 50,000 | 0 | -1.35 | 88.94 | 0 | -18.32 | 173.66 |
| 5 | 49 | 50,000 | 0 | 0.08 | 61.29 | 0 | -11.75 | 117.25 |
| 6 | 50 | 50,000 | 0 | 1.12 | 45.71 | 0 | -7.05 | 86.68 |
| 7 | 51 | 50,000 | 0 | 1.91 | 35.91 | 0 | -3.65 | 67.85 |
| 8 | 52 | 50,000 | 0 | 2.52 | 29.29 | 0 | -1.12 | 55.23 |
| 9 | 53 | 50,000 | 0 | 3.02 | 24.57 | 0 | 0.79 | 46.26 |
| 10 | 54 | 50,000 | 0 | 3.43 | 21.09 | 0 | 2.24 | 39.61 |
| 11 | 55 | 50,000 | 0 | 4.03 | 18.54 | 0 | 4.41 | 34.66 |
| 12 | 56 | 50,000 | 0 | 4.50 | 16.56 | 0 | 5.92 | 30.78 |
| 13 | 57 | 50,000 | 0 | 4.88 | 15.00 | 0 | 6.99 | 27.67 |
| 14 | 58 | 50,000 | 0 | 5.19 | 13.75 | 0 | 7.77 | 25.14 |
| 15 | 59 | 50,000 | 0 | 5.45 | 12.74 | 0 | 8.35 | 23.05 |
| 16 | 60 | 0 | 0 | 5.68 | 11.93 | 0 | 8.62 | 21.28 |
| 17 | 61 | 0 | 0 | 5.87 | 11.27 | 0 | 8.82 | 19.79 |
| 18 | 62 | 0 | 0 | 6.03 | 10.72 | 0 | 8.97 | 18.52 |
| 19 | 63 | 0 | 0 | 6.16 | 10.26 | 0 | 9.08 | 17.44 |
| 20 | 64 | 0 | 0 | 6.27 | 9.87 | 0 | 9.17 | 16.51 |
| 21 | 65 | 0 | 170,000 | 6.37 | 7.66 | 350,000 | 9.28 | 12.16 |
| 22 | 66 | 0 | 170,000 | 6.46 | 7.62 | 350,000 | 9.39 | 11.93 |
| 23 | 67 | 0 | 170,000 | 6.55 | 7.60 | 350,000 | 9.50 | 11.75 |
| 24 | 68 | 0 | 170,000 | 6.63 | 7.58 | 350,000 | 9.62 | 11.61 |
| 25 | 69 | 0 | 170,000 | 6.71 | 7.57 | 350,000 | 9.74 | 11.50 |
| 26 | 70 | 0 | 170,000 | 6.78 | 7.56 | 350,000 | 9.86 | 11.41 |
| 27 | 71 | 0 | 170,000 | 6.85 | 7.51 | 350,000 | 9.98 | 11.25 |
| 28 | 72 | 0 | 170,000 | 6.92 | 7.46 | 350,000 | 10.10 | 11.12 |
| 29 | 73 | 0 | 170,000 | 6.99 | 7.43 | 350,000 | 10.21 | 11.01 |
| 30 | 74 | 0 | 170,000 | 7.06 | 7.39 | 350,000 | 10.33 | 10.92 |
|  |  | 750,000 | 1,700,000 |  |  | 3,500,000 |  |  |

*This illustration assumes the nonguaranteed values shown continue in all years. This is not likely, and actual results may be more or less favorable. This illustration is not valid unless accompanied by a basic illustration from the issuing life insurance company.

## Retirement Strategies: Arbitrage vs. Accellerated Arbitrage

## Net Rates of Return Required on Premium to Match Policy Values

| Income Tax Rate 40.00\% |  |  | Indexed Universal Life Interest Rate: 7.00\% |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Arbitrage ( ${ }^{\text {No PF) }}$ |  |  |
| Yr |  (1) <br> Male Premium <br> Payment <br> Age Paymen |  | (2) <br> After Tax Policy Loan Proceeds | $\begin{gathered} \text { (3) } \\ \text { Year End } \\ \text { Cash } \\ \text { Value* } \end{gathered}$ | (4) <br> Death <br> Benefit |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| 31 | 75 | 0 | 170,000 | 7.13 | 7.36 |
| 32 | 76 | 0 | 170,000 | 7.20 | 7.42 |
| 33 | 77 | 0 | 170,000 | 7.26 | 7.48 |
| 34 | 78 | 0 | 170,000 | 7.32 | 7.53 |
| 35 | 79 | 0 | 170,000 | 7.38 | 7.58 |
| 36 | 80 | 0 | 170,000 | 7.44 | 7.63 |
| 37 | 81 | 0 | 170,000 | 7.49 | 7.68 |
| 38 | 82 | 0 | 170,000 | 7.55 | 7.73 |
| 39 | 83 | 0 | 170,000 | 7.60 | 7.77 |
| 40 | 84 | 0 | 170,000 | 7.64 | 7.82 |
| 41 | 85 | 0 | 170,000 | 7.69 | 7.86 |
| 42 | 86 | 0 | 170,000 | 7.73 | 7.89 |
| 43 | 87 | 0 | 170,000 | 7.77 | 7.93 |
| 44 | 88 | 0 | 170,000 | 7.81 | 7.96 |
| 45 | 89 | 0 | 170,000 | 7.84 | 7.99 |
| 46 | 90 | 0 | 170,000 | 7.87 | 8.01 |
| 47 | 91 | 0 | 170,000 | 7.90 | 8.01 |
| 48 | 92 | 0 | 170,000 | 7.93 | 8.01 |
| 49 | 93 | 0 | 170,000 | 7.97 | 8.02 |
| 50 | 94 | 0 | 170,000 | 8.00 | 8.03 |
| 51 | 95 | 0 | 170,000 | 8.05 | 8.05 |
| 52 | 96 | 0 | 170,000 | 8.08 | 8.08 |
| 53 | 97 | 0 | 170,000 | 8.12 | 8.12 |
| 54 | 98 | 0 | 170,000 | 8.16 | 8.16 |
| 55 | 99 | 0 | 170,000 | 8.19 | 8.19 |

Client's Share of Premium Financing Indexed Universal Life Interest Rate: 7.00\%

| Accelerated Arbitrage (with PF) |  |  |
| :---: | :---: | :---: |
| (5) | (6) | (7) |
| After Tax |  |  |
| Policy | Year End |  |
| Loan | Cash | Death |
| Proceeds | Value* | Benefit |
| 350,000 | 10.44 | 10.84 |
| 350,000 | 10.55 | 10.92 |
| 350,000 | 10.65 | 11.00 |
| 350,000 | 10.74 | 11.07 |
| 350,000 | 10.82 | 11.13 |
| 350,000 | 10.90 | 11.19 |
| 350,000 | 10.98 | 11.25 |
| 350,000 | 11.05 | 11.30 |
| 350,000 | 11.11 | 11.34 |
| 350,000 | 11.16 | 11.38 |
| 350,000 | 11.21 | 11.42 |
| 350,000 | 11.26 | 11.45 |
| 350,000 | 11.30 | 11.48 |
| 350,000 | 11.33 | 11.50 |
| 350,000 | 11.36 | 11.52 |
| 350,000 | 11.38 | 11.54 |
| 350,000 | 11.41 | 11.52 |
| 350,000 | 11.43 | 11.52 |
| 350,000 | 11.46 | 11.51 |
| 350,000 | 11.49 | 11.51 |
| 350,000 | 11.52 | 11.52 |
| 350,000 | 11.55 | 11.55 |
| 350,000 | 11.57 | 11.57 |
| 350,000 | 11.59 | 11.59 |
| 350,000 | 11.61 | 11.61 |

[^0]*This illustration assumes the nonguaranteed values shown continue in all years. This is not likely, and actual results may be more or less favorable. This illustration is not valid unless accompanied by a basic illustration from the issuing life insurance company.

## Retirement Strategies: Arbitrage vs. Accellerated Arbitrage

## Presented By: [Licensed user's name appears here]

55 Year Summary Analysis of Cumulative After Tax Loan Proceeds


## Retirement Strategies: Arbitrage vs. Accellerated Arbitrage

## Presented By: [Licensed user's name appears here]

## 55 Year Summary Analysis of Cash Values



## Retirement Strategies: Arbitrage vs. Accellerated Arbitrage

## Presented By: [Licensed user's name appears here]

55 Year Summary Analysis of Death Benefits



[^0]:    750,000

