# Taming a Bear Market in Retirement 

Adding flexibility in retirement with whole life insurance

When accumulating savings, the order of returns does not much matter. But at retirement, when withdrawals are taken, the sequence of returns does matter.

Consider a hypothetical \$1,000,000 invested for 25 years, in Chart A to the right. The only difference between the two scenarios in Chart A is that the order of returns are reversed ${ }^{1}$. However, the average rate of return (ROR) is the same.

Chart A: Accumulation Phase Before Retirement - No Income Taken

| SCENARIO 1 |  |  |  | SCENARIO 2 |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Year | Age | ROR 1 | Balance | ROR 2 | Balance |
| 1 | 45 | 10\% | \$1,100,000 | -7\% | \$930,000 |
| 2 | 46 | 9\% | \$1,199,000 | -12\% | \$818,400 |
| 3 | 47 | -6\% | \$1,127,060 | 5\% | \$859,320 |
| 4 | 48 | 12\% | \$1,262,307 | -2\% | \$842,134 |
| 5 | 49 | 25\% | \$1,577,884 | 5\% | \$884,240 |
| 6 | 50 | 7\% | \$1,688,336 | 12\% | \$990,349 |
| 7 | 51 | -3\% | \$1,637,686 | 9\% | \$1,079,481 |
| 8 | 52 | 9\% | \$1,785,078 | 17\% | \$1,262,992 |
| 9 | 53 | 10\% | \$1,963,585 | 12\% | \$1,414,551 |
| 10 | 54 | -7\% | \$1,826,134 | 9\% | \$1,541,861 |
| 11 | 55 | 6\% | \$1,935,702 | -5\% | \$1,464,768 |
| 12 | 56 | 23\% | \$2,380,914 | 7\% | \$1,567,302 |
| 13 | 57 | 12\% | \$2,666,624 | 12\% | \$1,755,378 |
| 14 | 58 | 7\% | \$2,853,287 | 23\% | \$2,159,115 |
| 15 | 59 | -5\% | \$2,710,623 | 6\% | \$2,288,662 |
| 16 | 60 | 9\% | \$2,954,579 | -7\% | \$2,128,455 |
| 17 | 61 | 12\% | \$3,309,128 | 10\% | \$2,341,301 |
| 18 | 62 | 17\% | \$3,871,680 | 9\% | \$2,552,018 |
| 19 | 63 | 9\% | \$4,220,131 | -3\% | \$2,475,457 |
| 20 | 64 | 12\% | \$4,726,547 | 7\% | \$2,648,739 |
| 21 | 65 | 5\% | \$4,962,875 | 25\% | \$3,310,924 |
| 22 | 66 | -2\% | \$4,863,617 | 12\% | \$3,708,235 |
| 23 | 67 | 5\% | \$5,106,798 | -6\% | \$3,485,741 |
| 24 | 68 | -12\% | \$4,493,982 | 9\% | \$3,799,458 |
| 25 | 69 | -7\% | \$4,179,403 | 10\% | \$4,179,403 |
| Average ROR |  | 6.85\% |  | 6.85\% |  |

## CHART A - TAKEAWAY \#1

The returns in the two scenarios in Chart A are the same except that they go in the reverse direction. Funds have time to recover when income is not withdrawn.

## Taming a Bear Market

Now take a look at how withdrawals impact the balance in Chart B based on both hypothetical sequence of returns.

Chart B: Decumulation Phase At Retirement - Income Taken

| SCENARIO 1 |  |  |  |  | SCENARIO 2 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Age | ROR 1 | Income | Balance | ROR 2 | Income | Balance |  |
| 66 | $10 \%$ | $\$ 65,000$ | $\$ 1,028,500$ | $-7 \%$ | $\$ 65,000$ | $\$ 869,550$ |  |
| 67 | $9 \%$ | $\$ 65,000$ | $\$ 1,050,215$ | $-12 \%$ | $\$ 65,000$ | $\$ 708,004$ |  |
| 68 | $-6 \%$ | $\$ 65,000$ | $\$ 926,102$ | $5 \%$ | $\$ 65,000$ | $\$ 675,154$ |  |
| 69 | $12 \%$ | $\$ 65,000$ | $\$ 964,434$ | $-2 \%$ | $\$ 65,000$ | $\$ 597,951$ |  |
| 70 | $25 \%$ | $\$ 65,000$ | $\$ 1,124,293$ | $5 \%$ | $\$ 65,000$ | $\$ 559,599$ |  |
| 71 | $7 \%$ | $\$ 65,000$ | $\$ 1,133,443$ | $12 \%$ | $\$ 65,000$ | $\$ 553,951$ |  |
| 72 | $-3 \%$ | $\$ 65,000$ | $\$ 1,036,390$ | $9 \%$ | $\$ 65,000$ | $\$ 532,956$ |  |
| 73 | $9 \%$ | $\$ 65,000$ | $\$ 1,058,815$ | $17 \%$ | $\$ 65,000$ | $\$ 547,509$ |  |
| 74 | $10 \%$ | $\$ 65,000$ | $\$ 1,093,197$ | $12 \%$ | $\$ 65,000$ | $\$ 540,410$ |  |
| 75 | $-7 \%$ | $\$ 65,000$ | $\$ 956,223$ | $9 \%$ | $\$ 65,000$ | $\$ 518,196$ |  |
| 76 | $6 \%$ | $\$ 65,000$ | $\$ 944,696$ | $-5 \%$ | $\$ 65,000$ | $\$ 430,537$ |  |
| 77 | $23 \%$ | $\$ 65,000$ | $\$ 1,082,027$ | $7 \%$ | $\$ 65,000$ | $\$ 391,124$ |  |
| 78 | $12 \%$ | $\$ 65,000$ | $\$ 1,139,070$ | $12 \%$ | $\$ 65,000$ | $\$ 365,259$ |  |
| 79 | $7 \%$ | $\$ 65,000$ | $\$ 1,149,255$ | $23 \%$ | $\$ 65,000$ | $\$ 369,319$ |  |
| 80 | $-5 \%$ | $\$ 65,000$ | $\$ 1,030,042$ | $6 \%$ | $\$ 65,000$ | $\$ 322,578$ |  |
| 81 | $9 \%$ | $\$ 65,000$ | $\$ 1,051,896$ | $-7 \%$ | $\$ 65,000$ | $\$ 239,547$ |  |
| 82 | $12 \%$ | $\$ 65,000$ | $\$ 1,105,323$ | $10 \%$ | $\$ 65,000$ | $\$ 192,002$ |  |
| 83 | $17 \%$ | $\$ 65,000$ | $\$ 1,217,178$ | $9 \%$ | $\$ 65,000$ | $\$ 138,432$ |  |
| 84 | $9 \%$ | $\$ 65,000$ | $\$ 1,255,874$ | $-3 \%$ | $\$ 65,000$ | $\$ 71,229$ |  |
| 85 | $12 \%$ | $\$ 65,000$ | $\$ 1,333,779$ | $7 \%$ | $\$ 65,000$ | $\$ 6,665$ |  |
| 86 | $5 \%$ | $\$ 65,000$ | $\$ 1,332,218$ | $25 \%$ | $\$ 0$ | $\$ 0$ | $\$ 0$ |
| 87 | $-2 \%$ | $\$ 65,000$ | $\$ 1,241,874$ | $12 \%$ | $\$ 0$ | $\$ 0$ | $\$ 0$ |
| 88 | $5 \%$ | $\$ 65,000$ | $\$ 1,235,717$ | $-6 \%$ |  | $\$ 0$ | $\$ 0$ |
| 89 | $-12 \%$ | $\$ 65,000$ | $\$ 1,030,231$ | $9 \%$ |  | $\$ 0$ | $\$ 0$ |
| 90 | $-7 \%$ | $\$ 65,000$ | $\$ 897,665$ | $10 \%$ | $\$ 0$ | $\$ 0$ |  |
|  |  |  |  |  |  | $\$ 0$ |  |

## CHART B - TAKEAWAY \#2

Chart B illustrates that based on the assumed returns and annual income withdrawn of \$65,000 beginning at age 66, funds run out in Scenario 2 at age 85 because the sequence of returns matters when withdrawals are taken. Although the average return over 25 years is the same in both scenarios, withdrawals impact the account balance based on the order of those returns.

## Life Insurance

Chart C below illustrates how a whole life insurance policy's cash values can be accessed in retirement during market dips to help the portfolio recover.

Chart C

| Hypothetical Retirement Portfolio: No Income Taken During Market Dips |  |  |  | Existing Whole Life Insurance: Flexibility to Take Distributions During Market Dips |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Age | ROR ${ }^{1}$ | Income Withdrawn | Balance | Income from Policy | Net Cash Surrender Value | Net <br> Death Benefit |
| 66 | -7\% | \$0 | \$930,000 | \$65,000 | \$1,231,166 | \$1,803,061 |
| 67 | -12\% | \$0 | \$818,400 | \$65,000 | \$1,228,821 | \$1,771,785 |
| 68 | 5\% | \$65,000 | \$791,070 | - | \$1,294,652 | \$1,838,238 |
| 69 | -2\% | \$0 | \$775,249 | \$65,000 | \$1,295,415 | \$1,811,744 |
| 70 | 5\% | \$65,000 | \$745,761 | - | \$1,364,458 | \$1,880,170 |
| 71 | 12\% | \$65,000 | \$762,452 | - | \$1,436,885 | \$1,951,282 |
| 72 | 9\% | \$65,000 | \$760,223 | - | \$1,512,865 | \$2,025,200 |
| 73 | 17\% | \$65,000 | \$813,411 | - | \$1,592,537 | \$2,101,998 |
| 74 | 12\% | \$65,000 | \$838,220 | - | \$1,676,022 | \$2,181,752 |
| 75 | 9\% | \$65,000 | \$842,810 | - | \$1,763,430 | \$2,264,552 |
| 76 | -5\% | \$0 | \$800,670 | \$65,000 | \$1,786,603 | \$2,263,958 |
| 77 | 7\% | \$65,000 | \$787,166 | - | \$1,878,803 | \$2,349,972 |
| 78 | 12\% | \$65,000 | \$808,826 | - | \$1,975,136 | \$2,439,222 |
| 79 | 23\% | \$65,000 | \$914,907 | - | \$2,075,722 | \$2,531,801 |
| 80 | 6\% | \$65,000 | \$900,901 | - | \$2,180,559 | \$2,627,718 |
| 81 | -7\% | \$0 | \$837,838 | \$65,000 | \$2,221,542 | \$2,645,858 |
| 82 | 10\% | \$65,000 | \$850,122 | - | \$2,331,755 | \$2,745,793 |
| 83 | 9\% | \$65,000 | \$855,783 | - | \$2,446,429 | \$2,849,555 |
| 84 | -3\% | \$0 | \$830,109 | \$65,000 | \$2,497,666 | \$2,878,888 |
| 85 | 7\% | \$65,000 | \$818,667 | - | \$2,618,382 | \$2,987,963 |
| 86 | 25\% | \$65,000 | \$942,083 | - | \$2,742,914 | \$3,100,388 |
| 87 | 12\% | \$65,000 | \$982,334 | - | \$2,871,819 | \$3,217,040 |
| 88 | -6\% | \$0 | \$923,394 | \$65,000 | \$2,937,276 | \$3,262,480 |
| 89 | 9\% | \$65,000 | \$935,649 | - | \$3,072,066 | \$3,384,823 |
| 90 | 10\% | \$65,000 | \$957,714 | - | \$3,211,180 | \$3,511,290 |

Chart C is a supplemental illustration that is not valid unless accompanied by the basic illustration.
Refer to it for assumptions, explanations, guaranteed elements and additional information. The example assumes a Whole Life 10 Pay life insurance policy, with an annual premium of $\$ 67,330$ for 10 years, which buys $\$ 1 M$ of life insurance protection on a Female age 45, Ultra-Preferred Non-Tobacco risk class.

## CHART C - TAKEAWAY \#3

During a market downturn, instead of taking distributions from a retirement account that has been affected by a dip in the market, tax-preferred distributions can be made from an existing whole life insurance policy, giving the portfolio time to recover.

The illustrated amounts are not guaranteed. They include dividends, which are neither estimates nor guarantees, that have been applied to purchase paid-up additions based on the 2022 dividend schedule. The dividend schedule is reviewed annually, and it is likely that dividends in the future years will be lower or higher depending on the Company's actual experience. For this reason, we strongly recommend that you look at a lower dividend schedule illustration. Refer to the basic illustration for guaranteed elements, assumptions, explanations and other important information.

## Life Insurance

## BENEFITS OF WHOLE LIFE INSURANCE INRETIREMENT



The whole life policy offers the life insurance coverage needed during the working years, while providing a cushion in a down market during retirement.


Unlike some other permanent life insurance policies, a whole life policy is not tied to the financial markets. In this way, whole life can help tame the effects of a bear market on retirement income.


The distributions from the whole life policy can be structured so that tax-advantaged withdrawals are taken, up to total premiums paid, after which tax-favored policy loans can be taken. ${ }^{2}$


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${ }^{1}$ Chart C references S\&P 500 Index returns that include dividends and are based on calendar year changes in the Index. Other beginning and end dates could produce significantly different outcomes. Chart $C$ is intended to be a hypothetical illustration of what fluctuations may look like based on the Index's performance over a period of time. Past performance is no indication of future results. Actual portfolio performance will be different than illustrated.
${ }^{2}$ Loans and withdrawals will reduce the death benefit and cash surrender value, and may cause the policy to lapse. Lapse or surrender of a policy with a loan may cause the recognition of taxable income. Policies classified as Modified Endowment Contracts (MEC) may be subject to tax when a loan or withdrawal is taken. A federal tax penalty of 10\% may also apply if the loan or withdrawal is taken prior to age $591 / 2$.

