

THE ALL-WEATHER RETIREMENT PORTFOLIO

	LARGE COMPANY	SMALL COMPANY
VALUE	Large Cap, Value	Small Cap, Value
GROWTH	Large Cap, Growth	Small Cap, Growth

THE ALL-WEATHER RETIREMENT PORTFOLIO

YEAR	PORTFOLIO A	PORTFOLIO B
1	-30.00%	10.00%
2	-30.00%	10.00%
3	10.00%	10.00%
4	50.00%	10.00%
5	50.00%	10.00%
5-Year Average:	10.00%	10.00%

THE ALL-WEATHER RETIREMENT PORTFOLIO

PORTFOLIO A: MORE VOLATILE INVESTMENTS				
Year	Annual Investment	Account Balance at Beginning of Year	Earnings	Account Balance at End of Year
1	\$20,000	\$20,000	-\$6,000	\$14,000
2	\$20,000	\$34,000	-\$10,200	\$23,800
3	\$20,000	\$43,800	\$4,380	\$48,180
4	\$20,000	\$68,180	\$34,090	\$102,270
5	\$20,000	\$122,270	\$61,135	\$183,405

THE ALL-WEATHER RETIREMENT PORTFOLIO

PORTFOLIO B: LESS VOLATILE INVESTMENTS				
Year	Annual Investment	Account Balance at Beginning of Year	Earnings	Account Balance at End of Year
1	\$20,000	\$20,000	\$2,000	\$22,000
2	\$20,000	\$42,000	\$4,200	\$46,200
3	\$20,000	\$66,200	\$6,620	\$72,820
4	\$20,000	\$92,820	\$9,282	\$102,102
5	\$20,000	\$122,102	\$12,210	\$134,312

THE ALL-WEATHER RETIREMENT PORTFOLIO

PORTFOLIO A: MORE VOLATILE INVESTMENTS			
Year	Beginning of Year	Earnings	End of Year
1	\$100,000	-\$30,000	\$70,000
2	\$70,000	-\$21,000	\$49,000
3	\$49,000	\$4,900	\$53,900
4	\$53,900	\$26,950	\$80,850
5	\$80,850	\$40,425	\$121,275

THE ALL-WEATHER RETIREMENT PORTFOLIO

PORTFOLIO B: LESS VOLATILE INVESTMENT			
Year	Beginning of Year	Earnings	End of Year
1	\$100,000	\$10,000	\$110,000
2	\$110,000	\$11,000	\$121,000
3	\$121,000	\$12,100	\$133,100
4	\$133,100	\$13,310	\$146,410
5	\$146,410	\$14,641	\$161,051

THE ALL-WEATHER RETIREMENT PORTFOLIO

PORTFOLIO A: MORE VOLATILE INVESTMENTS				
Year	Beginning of Year	Distribution	Earnings	End of Year
1	\$100,000	\$5,500	-\$28,350	\$66,150
2	\$66,150	\$5,665	-\$18,146	\$42,340
3	\$42,340	\$5,835	\$3,650	\$40,155
4	\$40,155	\$6,010	\$17,073	\$51,218
5	\$51,218	\$6,190	\$22,514	\$67,541

THE ALL-WEATHER RETIREMENT PORTFOLIO

PORTFOLIO B: LESS VOLATILE INVESTMENTS				
Year	Beginning of Year	Distribution	Earnings	End of Year
1	\$100,000	\$5,500	\$9,450	\$103,950
2	\$103,950	\$5,665	\$9,829	\$108,114
3	\$108,114	\$5,835	\$10,228	\$112,506
4	\$112,506	\$6,010	\$10,650	\$117,146
5	\$117,146	\$6,190	\$11,096	\$122,051

LIFE EXPECTANCY *		
Your Age Today	Males	Females
50	29.9	33.5
55	25.7	29.0
60	21.8	24.8
65	18.1	20.7
70	14.6	16.8

* Elizabeth Arias and Jiaquan Xu, "United States Life Tables, 2018," *National Vital Statistics Reports*, 69, no. 12, November 17, 2020, <https://www.cdc.gov/nchs/data/nvsr/nvsr69/nvsr69-12-508.pdf>.

CERTIFICATES OF DEPOSIT* 1973 THROUGH 2012		
	Return	Year
Highest return	15.92%	1981
Lowest return	0.42%	2011
Average return	6.16%	

* Certificates of deposit with 6-month maturities.

TREASURY BILLS 1973 THROUGH 2012		
	Return	Year
Highest return	14.71%	1981
Lowest return	0.04%	2011
Average return	5.37%	

LONG-TERM GOVERNMENT BONDS 1973 THROUGH 2012		
	Return	Year
Highest return	40.36%	1982
Lowest return	-14.90%	2009
Average return	9.51%	

LONG-TERM CORPORATE BONDS 1973 THROUGH 2012		
	Return	Year
Highest return	42.56%	1982
Lowest return	-7.84%	1999
Average return	9.35%	

THE ALL-WEATHER RETIREMENT PORTFOLIO

S&P 500 1973 THROUGH 2012		
	Return	Year
Highest return	37.47%	1995
Lowest return	-38.47%	2008
Average return	8.00%	

ICA Fund 1973 THROUGH 2012*		
	Return	Year
Highest return	27.67%	1975
Lowest return	-34.7%	2008
Average return	6.74%	

* Information supplied to me by American Funds about the performance of the Investment Company of America™ Fund, Class A shares, during this time frame. Charges may vary depending on a variety of factors, including, but not limited to, amount invested in the fund, amount invested in other American Funds, and so forth.

THE ALL-WEATHER RETIREMENT PORTFOLIO

	HOW LONG YOUR MONEY WOULD LAST	YOUR INITIAL DISTRIBUTION FOR 40 YEARS OF INCOME
CDs	24 years	3.80%
T-bills	21 years	3.15%
Long-term government bonds	17 years	3.75%
Long-term corporate bonds	19 years	3.85%
S&P 500	12 years	2.60%
ICA fund	20 years	4.65%

94-YEAR COMPARISON				
	Average Return [*]	Best Year/ Return	Worst Year/ Return	Number of years investment had a positive return
Stocks: large company	12.1%	1933 53.99%	1931 -43.34%	69
Stocks: small company	16.3%	1933 142.87%	1937 -58.01%	65
Long-term corporate bonds	6.4%	1982 42.56%	1969 -8.09%	74
Long-term government bonds	6.0%	1982 40.36%	2009 -14.9%	69
US Treasury bills	3.4%	1981 14.71%	1938 -0.02%	93

* Arithmetic annualized return.

40-YEAR (PERFECT FINANCIAL STORM) COMPARISON*				
	Average Return**	Best Year/ Return	Worst Year/ Return	Number of years investment had a positive return
Stocks: large company	11.38%	1995 37.43%	2008 -37.00%	31
Stocks: small company	15.31%	1976 57.38%	2008 -36.72%	29
Long-term corporate bonds	9.35%	1982 42.56%	1999 -7.45%	32
Long-term government bonds	9.51%	1982 40.36%	2009 -14.9%	30
US Treasury bills	5.37%	1981 14.71%	2011 0.04%	40

* Roger G. Ibbotson, "The Long-Run Perspective," *2020 S&P Yearbook: Stocks, Bonds, Bills, and Inflation: US Capital Markets Performance by Asset Class 1926-2019*, 12-13.

** Arithmetic annualized return.

WHAT KIND OF INVESTOR ARE YOU?			
		<i>Can you time the market?</i>	
		Yes	No
<i>Can you pick the hot investments?</i>	Yes	1. A Guru	2. An Analyst
	No	3. A Market Timer	4. A Prudent Long-Term Investor

**THE PERFECT FINANCIAL STORM TEST: STEP ONE
(\$100,000 initial portfolio with a 5.5% inflation-protected annual
distribution, tested against every 40-year time frame since 1930)**

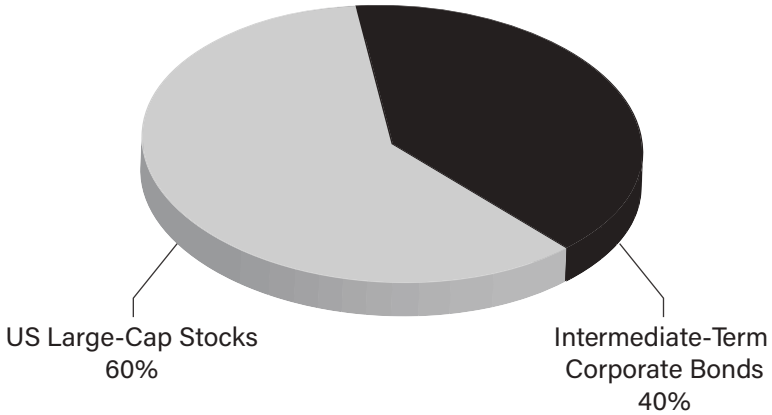
WILL YOUR MONEY LAST 40 YEARS?

	Success Rate	Shortest Time to Depletion in 100% of Cases Tested*	Shortest Time to Depletion in 96% of Cases Tested**
Step One: Intermediate-term corporate bonds	2%	14 years	14 years

*Includes every 40-year time frame since 1930.

**Does not include 40-year time frames starting in 1937 and 1969.

**STEP TWO
DIVERSIFY WITH STOCKS & BONDS**



**THE PERFECT FINANCIAL STORM TEST: STEP TWO
(\$100,000 initial portfolio with a 5.5% inflation-protected annual distribution, tested against every 40-year time frame since 1930)**

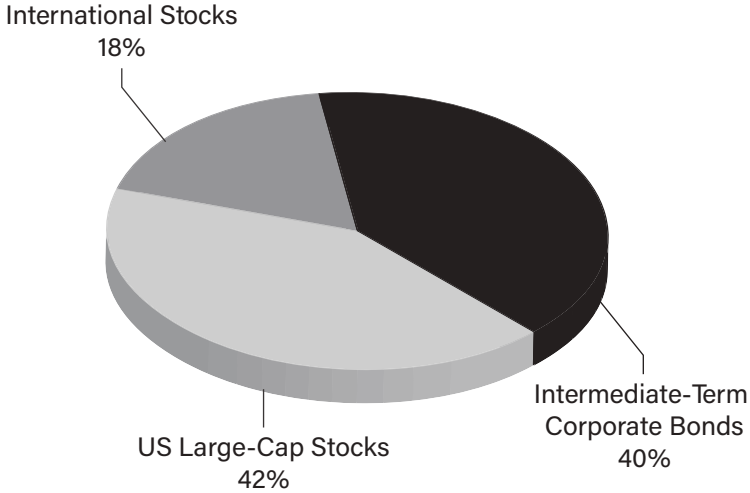
WILL YOUR MONEY LAST 40 YEARS?

	Success Rate	Shortest Time to Depletion in 100% of Cases Tested*	Shortest Time to Depletion in 96% of Cases Tested**
Step One: Intermediate-term corporate bonds	2%	14 years	14 years
Step Two: US stocks, large companies	45%	17 years	18 years

*Includes every 40-year time frame since 1930.

**Does not include 40-year time frames starting in 1937 and 1969.

**STEP THREE
DIVERSIFY STOCKS INTERNATIONALLY**



**THE PERFECT FINANCIAL STORM TEST: STEP THREE
(\$100,000 initial portfolio with a 5.5% inflation-protected annual distribution, tested against every 40-year time frame since 1930)**

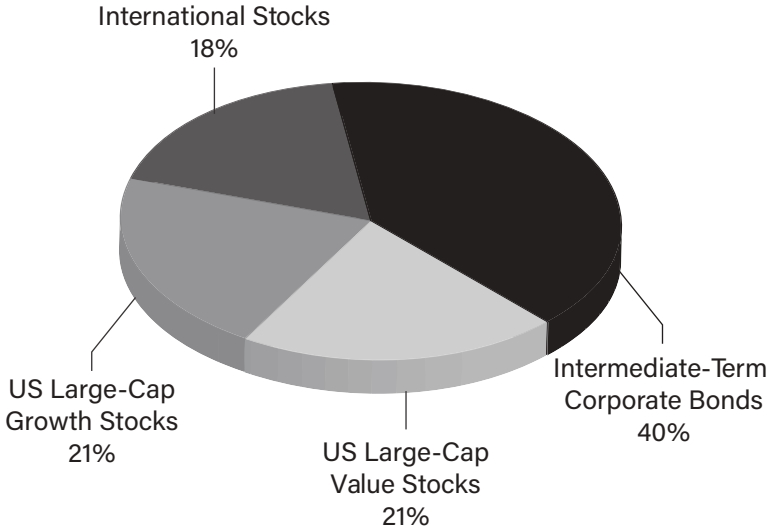
WILL YOUR MONEY LAST 40 YEARS?

	Success Rate	Shortest Time to Depletion in 100% of Cases Tested*	Shortest Time to Depletion in 96% of Cases Tested**
Step One: Intermediate-term corporate bonds	2%	14 years	14 years
Step Two: US stocks, large companies	45%	17 years	18 years
Step Three: International stocks	37%	19 years	19 years

*Includes every 40-year time frame since 1930.

**Does not include 40-year time frames starting in 1937 and 1969.

**STEP FOUR
DIVERSIFY WITH GROWTH & VALUE**



**THE PERFECT FINANCIAL STORM TEST: STEP FOUR
(\$100,000 initial portfolio with a 5.5% inflation-protected annual distribution, tested against every 40-year time frame since 1930)**

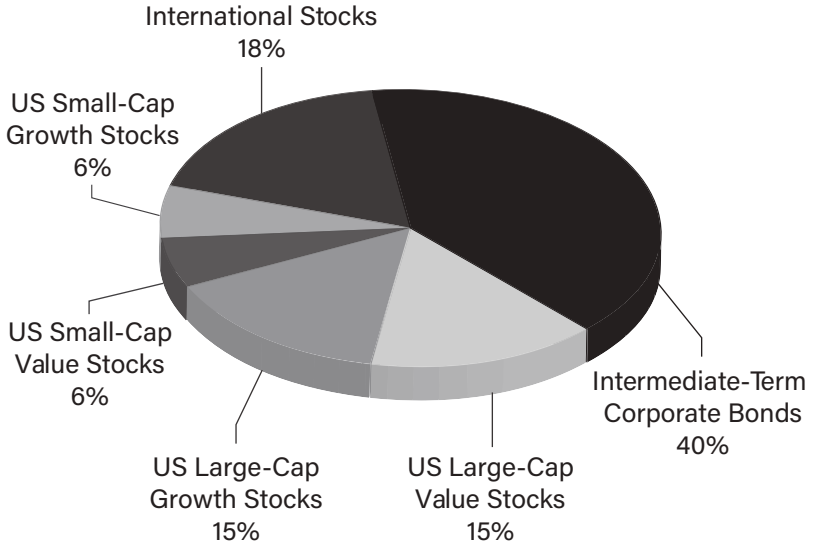
WILL YOUR MONEY LAST 40 YEARS?

	Success Rate	Shortest Time to Depletion in 100% of Cases Tested*	Shortest Time to Depletion in 96% of Cases Tested**
Step One: Intermediate-term corporate bonds	2%	14 years	14 years
Step Two: US stocks, large companies	45%	17 years	18 years
Step Three: International stocks	37%	19 years	19 years
Step Four: US stocks, growth & value	53%	20 years	22 years

*Includes every 40-year time frame since 1930.

**Does not include 40-year time frames starting in 1937 and 1969.

**STEP FIVE
DIVERSIFY WITH SMALL COMPANIES**



**THE PERFECT FINANCIAL STORM TEST: STEP FIVE
(\$100,000 initial portfolio with a 5.5% inflation-protected annual
distribution, tested against every 40-year time frame since 1930)**

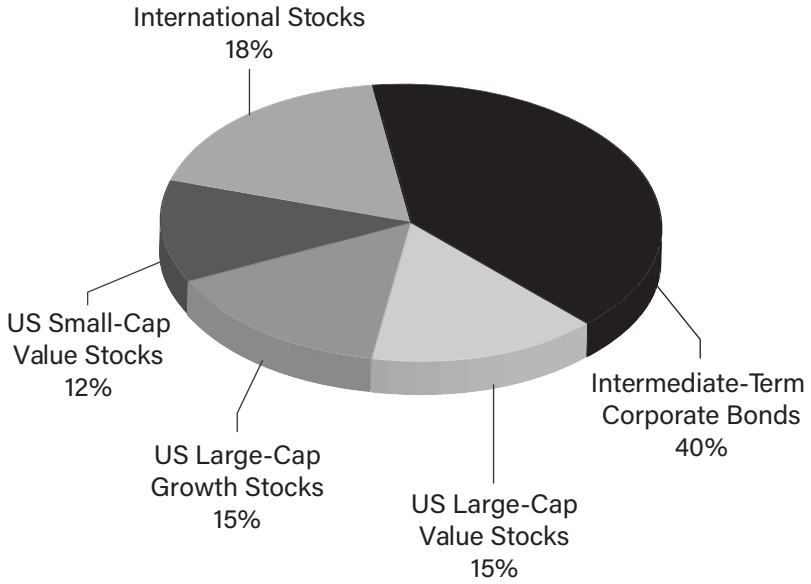
WILL YOUR MONEY LAST 40 YEARS?

	Success Rate	Shortest Time to Depletion in 100% of Cases Tested*	Shortest Time to Depletion in 96% of Cases Tested**
Step One: Intermediate-term corporate bonds	2%	14 years	14 years
Step Two: US stocks, large companies	45%	17 years	18 years
Step Three: International stocks	37%	19 years	19 years
Step Four: US stocks, growth & value	53%	20 years	22 years
Step Five: US stocks, large and small	67%	21 years	24 years

*Includes every 40-year time frame since 1930.

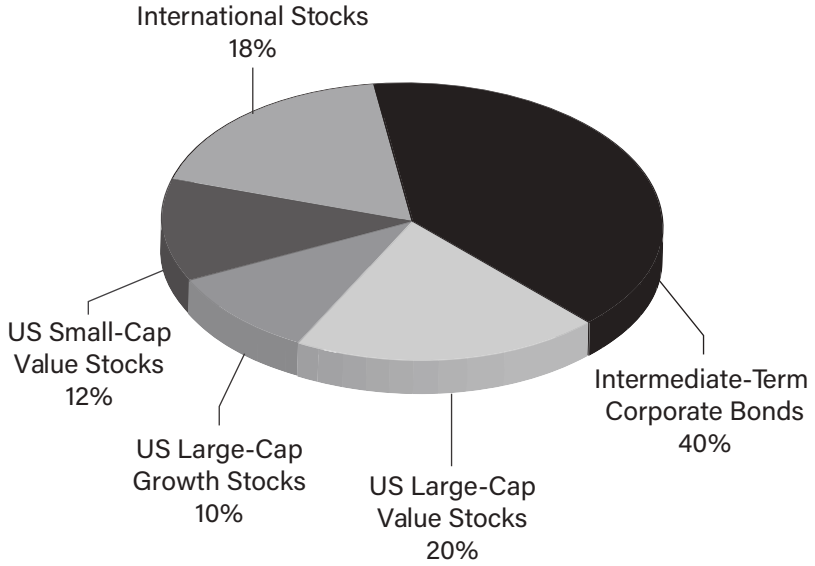
**Does not include 40-year time frames starting in 1937 and 1969.

**STEP SIX
ELIMINATE DEAD WOOD**



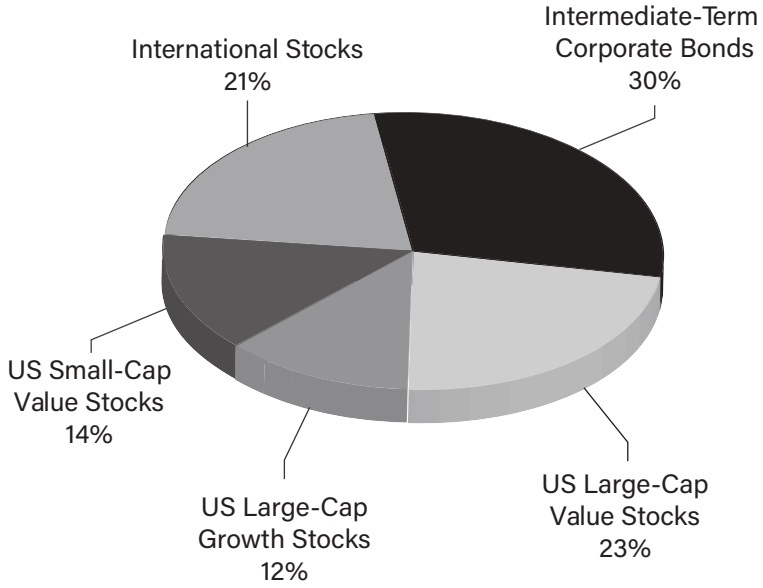
THE PERFECT FINANCIAL STORM TEST: STEP SIX (\$100,000 initial portfolio with a 5.5% inflation-protected annual distribution, tested against every 40-year time frame since 1930)			
WILL YOUR MONEY LAST 40 YEARS?			
	Success Rate	Shortest Time to Depletion in 100% of cases tested*	Shortest Time to Depletion in 96% of cases tested**
Step One: Intermediate-term corporate bonds	2%	14 years	14 years
Step Two: US stocks, large companies	45%	17 years	18 years
Step Three: International stocks	37%	19 years	19 years
Step Four: US stocks, growth & value	53%	20 years	22 years
Step Five: US stocks, large and small	67%	21 years	24 years
Step Six: Eliminate dead wood	78%	22 years	29 years
*Includes every 40-year time frame since 1930.			
**Does not include 40-year time frames starting in 1937 and 1969.			

**STEP SEVEN
APPLY VALUE TILT**



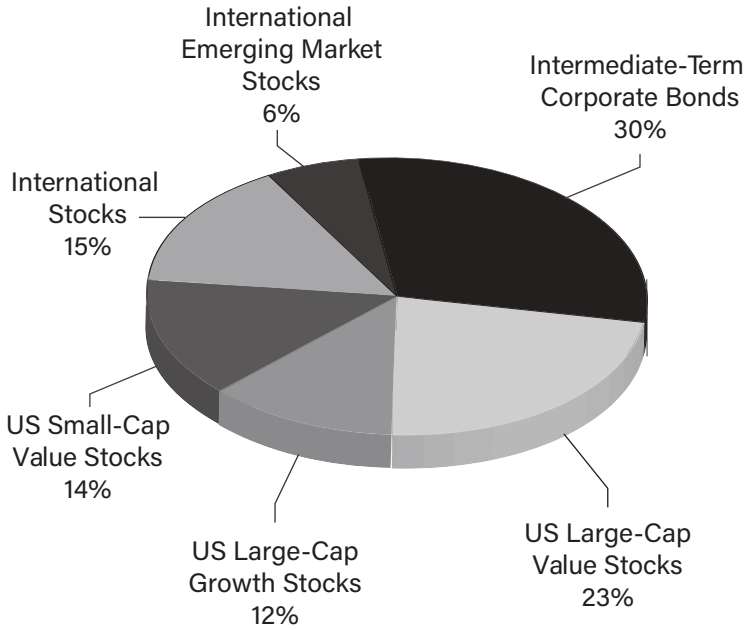
THE PERFECT FINANCIAL STORM TEST: STEP SEVEN (\$100,000 initial portfolio with a 5.5% inflation-protected annual distribution, tested against every 40-year time frame since 1930)			
WILL YOUR MONEY LAST 40 YEARS?			
	Success Rate	Shortest Time to Depletion in 100% of Cases Tested*	Shortest Time to Depletion in 96% of Cases Tested**
Step One: Intermediate-term corporate bonds	2%	14 years	14 years
Step Two: US stocks, large companies	45%	17 years	18 years
Step Three: International stocks	37%	19 years	19 years
Step Four: US stocks, growth & value	53%	20 years	22 years
Step Five: US stocks, large and small	67%	21 years	24 years
Step Six: Eliminate dead wood	78%	22 years	29 years
Step Seven: Apply value tilt	84%	23 years	33 years
*Includes every 40-year time frame since 1930.			
**Does not include 40-year time frames starting in 1937 and 1969.			

**STEP EIGHT
ADJUST THE RATIO OF STOCKS & BONDS**



THE PERFECT FINANCIAL STORM TEST: STEP EIGHT (\$100,000 initial portfolio with a 5.5% inflation-protected annual distribution, tested against every 40-year time frame since 1930)			
WILL YOUR MONEY LAST 40 YEARS?			
	Success Rate	Shortest Time to Depletion in 100% of Cases Tested*	Shortest Time to Depletion in 96% of Cases Tested**
Step One: Intermediate-term corporate bonds	2.0%	14 years	14 years
Step Two: US stocks, large companies	45%	17 years	18 years
Step Three: International stocks	37%	19 years	19 years
Step Four: US stocks, growth & value	53%	20 years	22 years
Step Five: US stocks, large and small	67%	21 years	24 years
Step Six: Eliminate dead wood	78%	22 years	29 years
Step Seven: Apply value tilt	84%	23 years	33 years
Step Eight: Adjust ratio of stocks & bonds	94%	24 years	37 years
*Includes every 40-year time frame since 1930.			
**Does not include 40-year time frames starting in 1937 and 1969.			

**STEP NINE
OPTIMIZE INTERNATIONAL STOCKS
WITH EMERGING MARKETS**



THE PERFECT FINANCIAL STORM TEST: STEP NINE (\$100,000 initial portfolio with a 5.5% inflation-protected annual distribution, tested against every 40-year time frame since 1930)			
WILL YOUR MONEY LAST 40 YEARS?			
	Success Rate	Shortest Time to Depletion in 100% of Cases Tested*	Shortest Time to Depletion in 96% of Cases Tested**
Step One: Intermediate-term corporate bonds	2%	14 years	14 years
Step Two: US stocks, large companies	45%	17 years	18 years
Step Three: International stocks	37%	19 years	19 years
Step Four: US stocks, growth & value	53%	20 years	22 years
Step Five: US stocks, large and small	67%	21 years	24 years
Step Six: Eliminate dead wood	78%	22 years	29 years
Step Seven: Apply value tilt	84%	23 years	33 years
Step Eight: Adjust ratio of stocks & bonds	94%	24 years	37 years
Step Nine: Emerging market stocks	96%	24 years	40 years
*Includes every 40-year time frame since 1930.			
**Does not include 40-year time frames starting in 1937 and 1969.			

THE PERFECT FINANCIAL STORM TEST: STEP TEN (\$100,000 initial portfolio with a 5.5% inflation-protected annual distribution, tested against every 40-year time frame since 1930)			
WILL YOUR MONEY LAST 40 YEARS?			
	Success Rate	Shortest Time to Depletion in 100% of Cases Tested*	Shortest Time to Depletion in 96% of Cases Tested**
Step One: Intermediate-term corporate bonds	2%	14 years	14 years
Step Two: US stocks, large companies	45%	17 years	18 years
Step Three: International stocks	37%	19 years	19 years
Step Four: US stocks, growth & value	53%	20 years	22 years
Step Five: US stocks, large and small	67%	21 years	24 years
Step Six: Eliminate dead wood	78%	22 years	29 years
Step Seven: Apply value tilt	84%	23 years	33 years
Step Eight: Adjust ratio of stocks & bonds	94%	24 years	37 years
Step Nine: Emerging market stocks	96%	24 years	40 years
Step Ten: The 8-Year Rule	100%	40 years	40 years
*Includes every 40-year time frame since 1930.			
**Does not include 40-year time frames starting in 1937 and 1969.			

THE ALL-WEATHER RETIREMENT PORTFOLIO

YOUR AGE WHEN YOU START TAKING A DISTRIBUTION	YOUR INITIAL DISTRIBUTION RATE
55	5.0%
60	5.5%
65	5.7%
70	5.9%