

INVESTING IN THE TSP



Presentations are intended for educational purposes only and do not replace independent professional judgment. The information discussed is basic and general in nature and is intended for educational purposes only. No specific product or companies are being solicited. It is recommended that you consult the advice of certified professionals regarding your specific situation. Please understand that laws and regulations are subject to local variations and may have different interpretations. Therefore, should legal advice be required, it is recommended that you seek the advice of a qualified attorney in your state of residence. No specific investment advice is ever intended. Financial products can vary, therefore, always examine the detail of the product structure, provisions and features. Any discussions regarding interest rates, rates of return, and tax rates are purely hypothetical and not intended to represent assurances or guarantees. The presenters of this information are not related to, endorsed by, nor connected with and not approved by any Government Agency or organization. Before investing or using any strategy, individuals should consult with their tax, legal, or financial advisor. All information contained in this presentation has been derived from sources deemed to be reliable but cannot be guaranteed.

WHAT IS THE TSP? = Thrift Savings Plan

The TSP is a defined contribution plan that allows you to invest in stocks, bonds *and* the G Fund.



- **Pre-tax:** Contributions taken out before taxes withheld, reducing taxable income.
- Tax deferral: Taxes are deferred until you withdraw your money.
- For FERS employees: an integral part of your retirement package, along with your FERS Basic Annuity and Social Security.
- For CSRS employees: a supplement to the CSRS annuity.



Note

- The value of your account and the amount of benefits are **not guaranteed.**
- Contributions are voluntary
- Separate from your contributions to your FERS Basic Annuity or CSRS annuity.

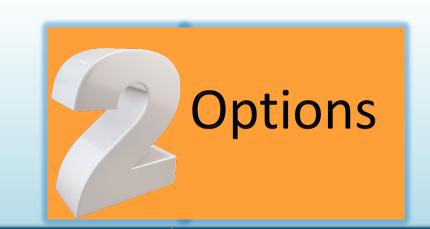
 Your TSP retirement income depends on how much is contributed and earned during your working years.

Traditional & ROTH TSP

 Traditional (pre-tax)-You defer paying taxes on your contributions and their earnings until you withdraw them. If you are a uniformed services member making tax-exempt contributions, your contributions will be tax-free at withdrawal but your earnings will be subject to tax.

The Treatment of

Withdrawals



Roth (after-tax)You pay taxes on
your
contributions as
you make them
(unless you are
making taxexempt
contributions),
and your earnings
are tax-free at
withdrawal as
long as you meet
certain IRS
requirements

The freatment of	ilduitiolidi 13f	
Contributions	Pre-tax	
Your Paycheck	Taxes are deferred*, so less money is taken out of your paycheck.	ı
Transfers In	Transfers allowed from eligible employer plans and traditional IRAs	7
Transfers Out	Transfers allowed to eligible employer plans, traditional IRAs, and Roth IRAs ²	Tr : 4

Traditional TSP

Taxable when withdrawn

Roth TSP
After-tax ¹
Taxes are paid up front*, so more
money comes out of your paycheck.
<i>Transfers</i> allowed from Roth 401(k)s, Roth 403(b)s, and Roth 457(b)s
<i>Transfers</i> allowed to Roth 401(k)s, Roth 403(b)s, Roth 457(b)s, and Roth IRAs ³
Tax-free earnings if five years have passed since January 1 of the year you made your first Roth contribution, AND you are age 59½ or older, permanently disabled, or deceased

Source: tsp.gov

To Clear Up the Confusion

ROTH TSP vs. ROTH IRA

I		Roth TSP	Roth IRA	
ı	Required Minimum Distributions	No	No	Phase Out!!!!
ı	Income Limitation for Contributions	No	Yes	Single/Head of Household: \$146,000-\$161,000 Married Filing Joint: \$230,000 - \$240,000
	Annual Maximum Contributions	\$23,500	\$7,000	
	Catch Up Provision 50+	\$7,500	\$1,000	
	Total Potential Annual Contribution	\$31,000	\$8,000	

TSP Fund Basics:

Two approaches to investing your money:

Individual Funds - You can make your own decisions about your investment mix by choosing from any or all of the individual TSP investment funds (C, S, I, F, and G Funds).

L Funds - These are "lifecycle" funds that are invested according to a professionally designed mix of stocks, bonds, and Government securities. You select your L Fund based on your "time horizon," the future date at which you plan to start withdrawing your money. Depending on your plans, this may be right away or some time in the future.

THE TSP FUNDS: WHAT IS INSIDE?

The Lifecycle funds

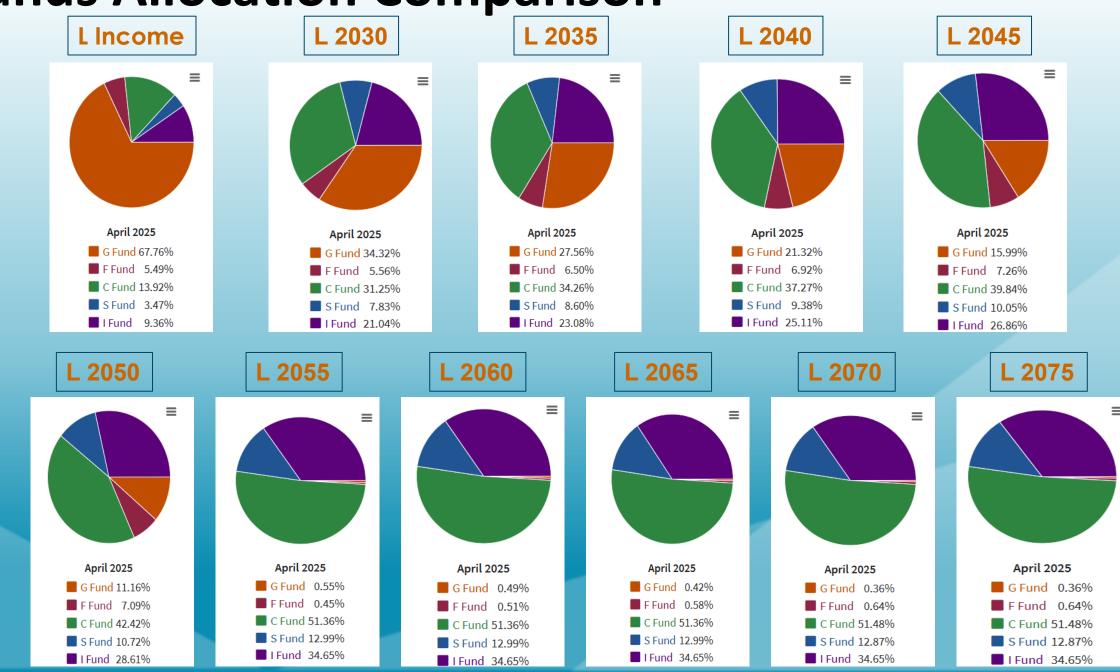
L | L 2030 | L 2035 | L 2040 | L 2045 | L 2050 | L 2055 | L 2060 | L 2065 | L 2070 | L 2075

Stocks, bonds and G (savings). The Lifecycle Funds are composed of various combinations of the G, F, C, S and I funds.

The Traditional Funds

C Fund	S Fund	l Fund	F Fund	G Fund
US Stocks, Large Companies	Stocks	International Stocks	US Bonds	Savings Type Account

L Funds Allocation Comparison



Recent Investment Returns for the TSP Funds

Rates of return as of December 31, 2024

Year	G Fund Bonds/US Govt Short Term	F Fund Bonds/US Intermediate	C Fund Stocks- Large US Companies (S&P 500)	S Fund Stocks – Small and Medium US Companies	I Fund Stocks - International
Inception Date	4/1/1987	1/29/1988	1/29/1988	5/1/2001	5/1/2001
1 year	4.42%	6.07%	15.11%	15.61%	16.91%
3 year	4.23%	2.56%	19.66%	15.24%	15.86%
5 year	3.11%	-0.64%	16.61%	11.68%	11.32%
10 year	2.65%	1.88%	13.62%	9.22%	6.78%
Since Inception	4.65%	5.29%	11.19%	9.23%	5.65%

Asset Class Returns

2010-	-2024																
Ann.	Vol.	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	YTD
Large	Sm all	RETS	REITS	REITS	Sm all	RBTs	RETS	Sm all	EM	Cash	Large	Sm all	REITS	Com dty.	Large	Large	DM
Cap 13.9%	Cap 20.6%	27.9%	8.3%	19.7%	Cap 38.8%	28.0%	2.8%	Cap 21.3%	Equity 37.8%	1.8%	Cap 31.5%	Cap 20.0%	41.3%	16.1%	Cap 26.3%	Cap 25.0%	Equity 19.9%
Sm all	EM	Sm all	Fixed	High	Large	Large	Large	High	DM	Fixed		EM	Large		DM	Sm all	EM
Cap	Equity	Сар	Incom e	Yield	Сар	Сар	Сар	Yield	Equity	Income	REITS	Equity	Cap	Cash	Equity	Сар	Equity
10.3%	17.9%	26.9%	7.8%	19.6%	32.4%	13.7%	1.4%	14.3%	25.6%	0.0%	28.7%	18.7%	28.7%	1.5%	18.9%	11.5%	15.6%
RBTs	RETS	EM	High	EM	DM	Fixed	Fixed	Large	Large	RBTs	Sm all	Large	Com dty.	High	Small	Asset	Asset
9.4%	16.8%	Equity 19.2%	Yield 3.1%	Equity 18.6%	Equity 23.3%	Incom e 6.0%	Income 0.5%	Cap 12.0%	Cap 21.8%	-4.0%	Cap 25.5%	Cap 18.4%	27.1%	-12.7%	Cap 16.9%	Aljec. 10.0%	7.0%
Asset	DM		Large	DM	Asset	Asset	THE STATE OF THE S		Sm all	High	DM	Asset	Sm all	Fixed	Asset	High	High
Alloc.	Equity	Com dty.	Сар	Equity	Allec.	Allec.	Cash	Com dty.	Сар	Yield	Equity	Alfoc.	Сар	Incom e	AUSc.	Yield	Yield
7.2%	16.5%	16.8%	2.1%	17.9%	14.9%	5.2%	0.0%	11.8%	14.6%	-4.1%	22.7%	10.6%	14.8%	-13.0%	14.1%	9.2%	6.8%
High Yield	Com dty.	Large Cap	Cash	Sm all	High Yield	Small Cap	DM	EM Equity	Asset Al /B ç.	Large Cap	Asset	DM	Asset Allec.	Asset	High	EM	Large
5.9%	16.1%	15.1%	0.1%	Cap 16.3%	7.3%	4.9%	Equity -0.4%	Equity 11.6%	14.6%	-4.4%	19.5%	Equity 8.3%	13.5%	-13.9%	Yield 14.0%	Equity 8.1%	Cap 6.2%
DM	Large	High	Asset	Large	RBTs	34 A	Asset	REITS	High	Asset	EM	Fixed	DM	DM	RETS		100
Equity	Сар	Yield	Alec.	Cap /		Cash	Alec.	/	Yield	Alloc.	Equity	Incom e	Equity	Equity		Com dty.	Com dty.
5.7%	15.1%	14.8%	-0.7%	16.0%	2.9%	0.0%	-2.0%	8.6%	10.4%	-5.8%	18.9%	7.5%	11.8%	-14.0%	11.4%	5.4%	5.5%
Equity	Asset Alloc.	Asset	Sm all Cap	Asset	Cash	High Yield	High Yield	Asset	REITS	Sm all Cap	High Yield	High Yield	High Yield	Large Cap	Equity	Cash	Fixed Income
3.4%	10.4%	13.3%	-4.2%	12.2%	0.0%	0.0%	-2.7%	8.3%	8.7%	-11.0%	12.6%	7.0%	1.0%	-18.1%	10.3%	5.3%	4.0%
Fixed	High	DM	DM	Fixed	Fixed	EΜ	Small	Fixed	Fixed	Com dty.	Fixed	Cash	Cash	EM	Fixed	REITs	Cash
Income	Yield	Equity	Equity	Incom e	Incom e	Equity	Cap	Income	Income	000	Incom e			Equity	Incom e		Cash
2.4%	9.4%	8.2%	-11.7%	4.2%	-2.0%	-1.8%	-4.4%	2.6%	3.5%	-11.2%	8.7%	0.5%	0.0%	-19.7%	5.5%	4.9%	2.1%
Cash	Fixed Income	Fixed Income	Com dty.	Cash	Equity	DM Equity	EM Equity	DM Equity	Com dty.	DM Equity	Com dty.	Com dty.	Fixed Income	Sm all Cap	Cash	DM Equity	RBTs
1.2%	4.7%	6.5%	-13.3%	0.1%	-2.3%	-4.5%	-14.6%	1.5%	1.7%	-13.4%	7.7%	-3.1%	-1.5%	-20.4%	5.1%	4.3%	1.8%
Com dty.	Cash	Cash	EM	Com dty.	Comdty.	Com dty.	Com dty.	Cash	Cash	EM	Cash	REITs	EM	RBTs	Comdty.	Fixed	Sm all
	10000000	Control of the Contro	Equity					100000000	100 march	Equity	The same of the sa		Equity			Income	Cap
-1.0% Source: Black	0.9% rock via AE Weal	0.1% Ith Managemen	-18.2%	-1.1%	-9.5%	-17.0%	-24.7%	0.3%	0.8%	-14.2%	2.2%	-5.1%	-2.2%	-24.9%	-7.9%	1.3%	-1.8%

TSP Fund - 2

Year	G Fund	F Fund	C Fund	S Fund	I Fund
2022	2.98%	-12.83%	-18.13%	-26.26%	-13.94%
2018	2.91%	0.15%	-4.41%	-9.26%	-13.43%
2008	3.75%	5.45%	-36.99%	-38.32%	-42.43%
2002	5.00%	10.27%	-22.05%	-18.14%	-15.98%
2001	5.39%	8.61%	-11.94%		
2000	6.42%	11.67%	-9.14%		

ASSET ALLOCATION Choosing Your Investment Mix

Consider...



Time = Sustained Risk

Review and Rebalance

Understanding the 4% Withdrawal Rule

If an investor withdraws a fixed percentage of their assets annually for retirement expenses, what is the likelihood that they will outlive their savings?

Withdrawal Rate	100/0	75/25	50/50	25/75	0/100
3%	100%	100%	100%	100%	84%
4%	98%	100%	96%	80%	35%
5%	80%	82%	67%	31%	22%
6%	62%	60%	51%	22%	11%
7%	55%	45%	22%	7%	2%
8%	44%	35%	9%	0%	0%

he Trinity University Study

Step #1:

Understanding Your Target Retirement Income (TRI)

Gross Income – Spouse A Gross Income - Spouse B	\$150,000 \$100,000
Total Gross Income	\$250,000
Less TSP/401(k) TSP/401(k) Social Security Savings Mortgage Roth TSP Roth Non/Qualified IRA College Credit Cards Tax Equivalent	\$27,000 \$27,000 \$17,540 \$0 \$0 \$0 \$0 \$0 \$0
Total Payments	\$71,540
Target Retirement Income	\$178,460

Step #2: Understanding Your Investment Income Need

Target Retirement Income \$178,460

Social Security (\$52,775)

Pension (\$67,511)

Investment Income Needed >>> \$58,174

Conventional

Additional	Information	1			Employee	Match	Add.	Regular Savings	CD's	College Savings	Rate Eutu	ire Va
axable Inc	ome										1%	(
Risk Score											1%	(
											4%	
Retire	ement l	ncome P	ro Cal	culate								
	Spouse	A 67 t	o 71									
WD	0.0%	Pension	\$35	,000				Tax Deferred	Spouse A Tax Free	Tax Deductible		
COLA	A 0.0% So	cial Security	\$37	,500							<u> </u>	
0.0%	0.0% Ta	x Deferred		\$0							4% 4%	
	0.0%		,	\$0							4% 1,2	
3.4%	0.0% Tax	k Deductible								TSP 4 200 722		
	Spouse	TOTAL B 68 to	\$113	5,597						1,208,733		
			<i>3 1 Z</i>	ćo					Spouse B		/	
		Pension		\$0				Tax Deferred	Tax Free	Tax Deductible	´	
WD		cial Security									4%	
		x Deferred Tax Free		\$0 \$0							4% 4% 96	0 00
3.5%		rax Free K Deductible	\$33							401(k) 945,547	4% 90	0,00
		TOTAL	\$65							312,211		
	:											
W/D	Rate from	Cash Assets		\$0	0	0	0		Savi	ngs Type Assets	Total 2,1	192,5
W/D	Rate from				0	0	0	Government Bonds			7	
	-	Cash Assets		\$0	0	0	0	Government Bonds	Savi	Municipal Bonds	Rate Futu	
Fotal Inc	come at y	Cash Assets ear # 4 =	\$178	\$0 ,691	0	0	0	Government Bonds			7	
Fotal Inc	come at y get Retirem	Cash Assets	\$178	\$0 ,691	0	0	0	Government Bonds			Rate Futu	
Total Inc	come at y get Retirem Del	ear # 4 = nent Income bt Window \$ Unpaid	\$178 \$178	\$0 ,691 ,460	0	0	0	Government Bonds			Rate Futu 5%	
Total Inc	come at y get Retirem Del	ear # 4 = nent Income bt Window	\$178 \$178	,691 ,460	0	0	0	Government Bonds Preferred Stocks			Rate Futu 5%	
Total Inc	come at y get Retirem Del	ear # 4 = nent Income bt Window \$ Unpaid	\$178 \$178	\$0 ,691 ,460	0	0	0		Corporate Bonds	Municipal Bonds	Rate Futu 5%	
Total Inc	come at y get Retirem Del	ear # 4 = nent Income bt Window \$ Unpaid	\$178 \$178	\$0 ,691 ,460	0	0	0		Corporate Bonds	Municipal Bonds	8ate Futu 5% 5% 5% 5%	are V
otal Inc	come at y get Retirem Del	ear # 4 = nent Income bt Window \$ Unpaid	\$178 \$178	\$0 ,691 ,460	0	0	0		Corporate Bonds	Municipal Bonds	8ate Futu 5% 5% 5%	
Total Inc	come at y get Retirem Del	ear # 4 = nent Income bt Window \$ Unpaid	\$178 \$178	\$0 ,691 ,460	0	0	0	Preferred Stocks	Corporate Bonds Blue Chip Stocks	Municipal Bonds Growth Securities	8ate Futu 5% 5% 5% 5%	
Total Inc. Target Type of Loan	come at y get Retirem Del \$/Month P&I	ear # 4 = nent Income bt Window \$ Unpaid Balance	\$178 \$178	\$0 ,691 ,460	0	0	0		Corporate Bonds	Municipal Bonds	8ate Futu 5% 5% 5% 5%	are V
otal Inc	come at y get Retirem Del	ear # 4 = nent Income bt Window \$ Unpaid Balance	\$178 \$178	\$0 ,691 ,460	0	0	0	Preferred Stocks	Corporate Bonds Blue Chip Stocks	Municipal Bonds Growth Securities	8ate Futu 5% 5% 5% 5%	
Type of Loan	come at y get Retirem Del \$/Month P&I	ear # 4 = nent Income bt Window \$ Unpaid Balance	\$178 \$178	\$0 ,691 ,460	0	0	0	Preferred Stocks	Corporate Bonds Blue Chip Stocks	Municipal Bonds Growth Securities	8ate Futu 5% 5% 5% 5%	
Total Inc. Target Type of Loan	come at y get Retirem Del \$/Month P&I	ear # 4 = nent Income bt Window \$ Unpaid Balance	\$178 \$178	\$0 ,691 ,460	0	0	0	Preferred Stocks	Corporate Bonds Blue Chip Stocks	Municipal Bonds Growth Securities	8ate Futu 5% 5% 5% 5%	
Total Inc. Target Type of Loan	come at y get Retirem Del \$/Month P&I	ear # 4 = nent Income bt Window \$ Unpaid Balance	\$178 \$178	\$0 ,691 ,460	0	0	0	Preferred Stocks	Corporate Bonds Blue Chip Stocks	Municipal Bonds Growth Securities	8ate Futu 5% 5% 5% 5%	are V
Total Inc. Target Type of Loan	come at y get Retirem Del \$/Month P&I	ear # 4 = nent Income bt Window \$ Unpaid Balance	\$178 \$178	\$0 ,691 ,460	0	0	0	Preferred Stocks	Corporate Bonds Blue Chip Stocks Primary	Municipal Bonds Growth Securities	Rate Futu 5% 5% 5% 5% 4%	
Type of Loan	come at y get Retirem Del \$/Month P&I	ear # 4 = nent Income bt Window \$ Unpaid Balance	\$178 \$178	\$0 ,691 ,460				Preferred Stocks	Corporate Bonds Blue Chip Stocks Primary	Municipal Bonds Growth Securities Trust	Rate Futu 5% 5% 5% 4%	<u>0</u>
Total Inc. Target Type of Loan	come at y get Retirem Del \$/Month P&I	ear # 4 = nent Income bt Window \$ Unpaid Balance	\$178 \$178	\$0 ,691 ,460				Preferred Stocks	Corporate Bonds Blue Chip Stocks Primary	Municipal Bonds Growth Securities Trust	Rate Futu 5% 5% 5% 4%	O O

Asset Allocation

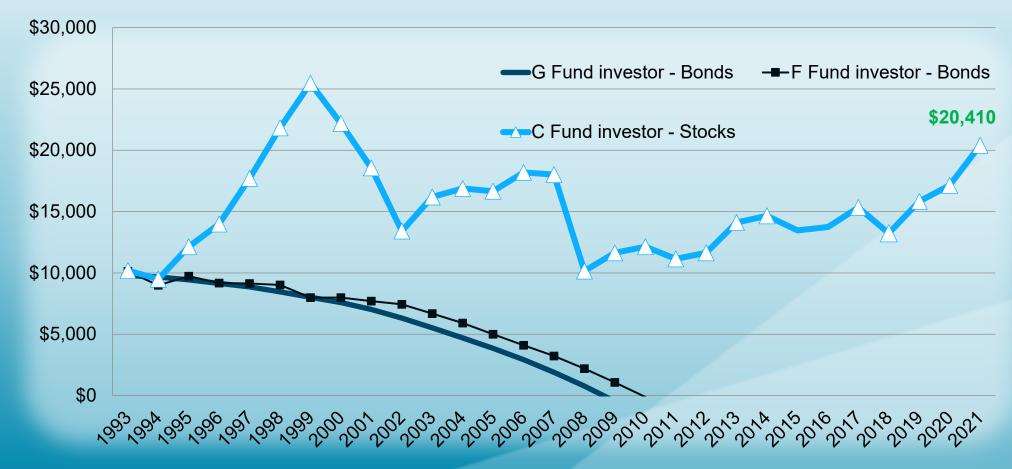
Lifecycle Fund	Stocks	Bonds
L-2050	84%	16%
L-2030	64%	36%
L-Income	25%	75%

Loss of Purchasing Power: What Happens When You Start Spending?

Example:

At the beginning of 1993, retirees Bill, Jack and Mary each have \$10,000 in the TSP. They each invest in one fund: Bill in G, Jack in F and Mary in C.

They annually withdraw enough to buy 2000 first class stamps (after paying taxes of 30%).



Note: This is for illustration purposes only. Past performance is no guarantee of future performance.

All investments involve the risk of loss. The data assumes reinvestment of all income.

Problem: Sequence of Return Risk

Year	BOY Balance	Return	Withdrawal	EOY Balance
1973	\$1,000,000	-14.67%	\$79,713	\$785,281
1974	\$785,281	-26.31%	\$79,713	\$519,934
1975	\$519,934	37.14%	\$79,713	\$603,719
1976	\$603,719	23.81%	\$79,713	\$648,772
1977	\$648,772	- 7.19%	\$79,713	\$528,144
1978	\$528,144	6.52%	\$79,713	\$477,670
1979	\$477,670	18.45%	\$79,713	\$471,380
1980	\$471,380	32.45%	\$79,713	\$518,764
1981	\$518,764	- 4.88%	\$79,713	\$417,625
1982	\$417,625	21.50%	\$79,713	\$410,564

Year	BOY Balance	Return	Withdrawal	EOY Balance	
1983	\$410,564	22.46%	\$79,713	\$405,161	
1984	\$405,161	6.22% \$79,713		\$345,691	
1985	\$345,691	31.64%	\$79,713	\$350,134	
1986	\$350,134	18.62%	\$79,713	\$320,774	
1987	\$320,774	5.18%	\$79,713	\$253,548	
1988	\$253,548	16.61%	\$79,713	\$202,710	
1989	\$202,710	31.69%	\$79,713	\$161,975	
1990	\$161,975	-3.10%	\$79,713	\$79,713	
1991	\$79,713	30.47%	\$79,713	\$ 0	
19 Yrs.	Average ROR	12.98%	\$1,514,547	DEPLETED	

Courtesy of Leap Systems

Figure 2: Forward running return sequence of \$1,000,000 – S&P 500 portfolio with annual withdrawals of \$79,713 Other starting years, rate of return sequences, market indexes, and life horizons will produce different results.

Problem: Sequence of Return Risk

Year	BOY Balance	Return	Withdrawal	EOY Balance
1991	\$1,000,000	30.47%	\$79,713	\$1,200,698
1990	\$1,200,698	-3.10%	\$79,713	\$1,086,235
1989	\$1,086,235	31.69%	\$79,713	\$1,325,489
1988	\$1,325,489	16.61%	\$79,713	\$1,452,699
1987	\$1,452,699	5.18%	\$79,713	\$1,444,107
1986	\$1,444,107	18.62%	\$79,713	\$1,618,444
1985	\$1,618,444	31.84%	\$79,713	\$2,028,663
1984	\$2,028,663	6.22%	\$79,713	\$2,070,174
1983	\$2,070,174	22.46%	\$79,713	\$2,437,519
1982	\$2,437,519	21.50%	\$79,713	\$2,864,734

	(0)			
Year	BOY Balance	Return	Withdrawal	EOY Balance
1981	\$2,864,734	-4.88%	\$79,713	\$2,649,112
1980	\$2,649,112	32.45%	\$79,713	\$3,403,169
1979	\$3,403,169	18.45%	\$79,713	\$3,939,634
1978	\$3,939,634	6.52%	\$79,713	\$4,108,392
1977	\$4,108,392	-7.19%	\$79,713	\$3,739,017
1976	\$3,739,017	23.81%	\$79,713	\$4,530,585
1975	\$4,530,585	37.14%	\$79,713	\$6,103,925
1974	\$6,103,925	-26.31%	\$79,713	\$4,439,925
1973	\$4,439,925	-14.67%	\$79,713	\$3,719,986
19 Yrs.	Average ROR	12.98%	\$1,514,547	\$3,719,986

Courtesy of Leap Systems

Figure 3: Backward running return sequence of \$1,000,000 - S&P 500 portfolio with annual withdrawals of \$79,713 Other starting years, rate of return sequences, market indexes, and life horizons will produce different results.

DEFENSE

Solution: Sequence Defense

Year	BOY Balance	Return	Withdrawal	EOY Balance		
1973	\$1,000,000	-14.67%	\$79,713	\$ 785,281		
1974	\$ 785,281	-26.31%	\$ 0	\$ 578,673		
1975	\$ 578,673	37.14%	\$ 0	\$ 793,593		
1976	\$ 793,593	23.81%	\$79,713	\$ 883,855		
1977	\$ 883,855	-7.19%	\$79,713	\$ 746,324		
1978	\$ 746,324	6.52%	\$ 0	\$ 794,984		
1979	\$ 794,984	18.45%	\$79,713	\$ 847,239		
1980	\$ 847,239	32.45%	\$79,713	\$1,016,588		
1981	\$1,016,588	-4.88%	\$79,713	\$ 891,155		
1982	\$ 891,155	21.50%	\$ 0	\$1,082,754		

Year	BOY Balance	Return	Withdrawal	EOY Balance
1983	\$1,082,754	22.46%	\$79,713	\$1,228,324
1984	\$1,228,324	6.22%	\$79,713	\$1,220,054
1985	\$1,220,054	31.64%	\$79,713	\$1,501,145
1986	\$1,501,145	18.62%	\$79,713	\$1,686,103
1987	\$1,686,103	5.18%	\$79,713	\$1,689,601
1988	\$1,689,601	16.61%	\$79,713	\$1,877,290
1989	\$1,877,290	31.69%	\$79,713	\$2,367,229
1990	\$2,367,229	-3.10%	\$79,713	\$2,126,603
1991	\$2,126,603	30.47%	\$ 0	\$2,892,002
19 Yrs.	Average ROR	12.98%	\$1,115,982	\$2,892,002

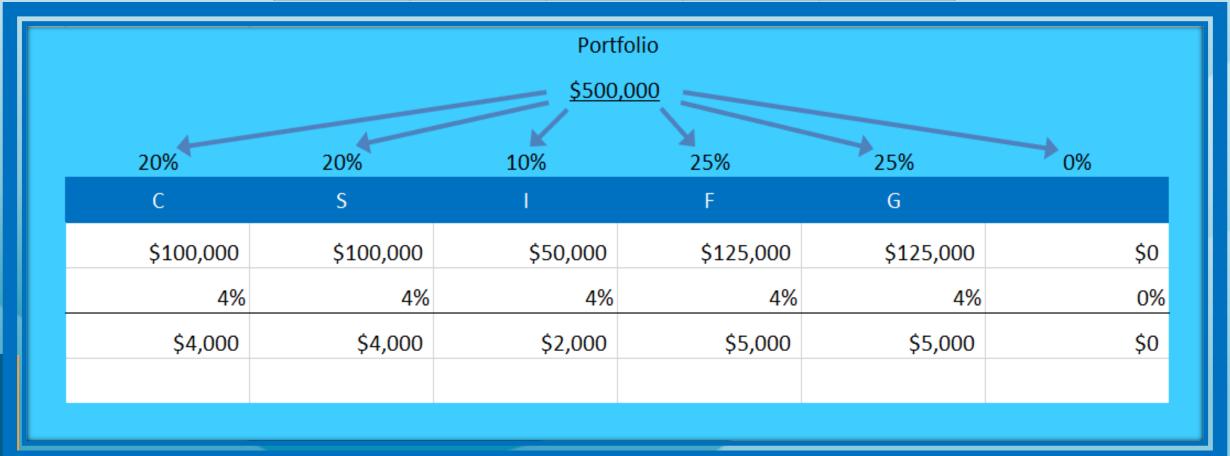
Courtesy of Leap Systems

\$398,565 funded from Sequence Defense Resources. Total withdrawal of \$1,514,547.

Figure 6: Same sequence with withdrawals from portfolio in green. Sequence Defense employed following down year. Other starting years, rate of return sequences, market indexes, and life horizons will produce different results.

Example: What if You Had to take Distributions in 2022?

G Fund	F Fund	C Fund	S Fund	I Fund	
2.98%	-12.83%	-18.13%	-26.26%	-13.94%	



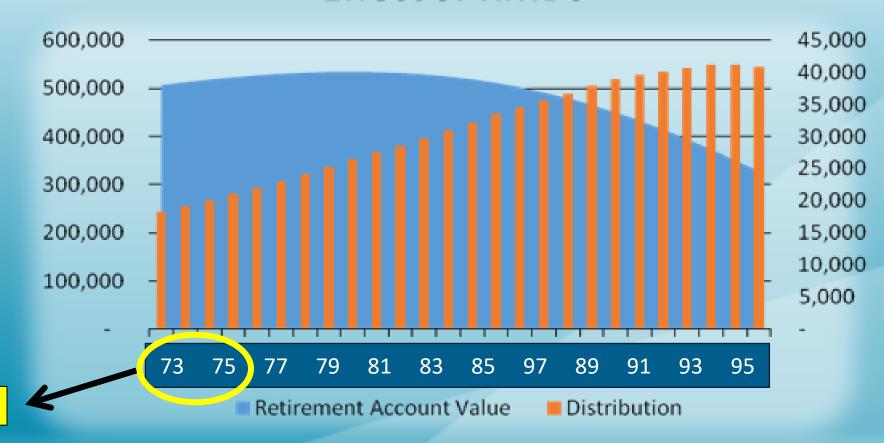
Which RMD to use?

Age	Individuals impacted	Effective Year
Age 72 (or 70 1/2)	Born 1950 or earlier	_
Age 73	Born 1951 – 1959	2023
Age 75	Born 1960 or later	2033

RMDs Increase...

Assumes 5% annual return and starting value of \$500,000

Effect of RMDs



AGE 73...75

NOTE:

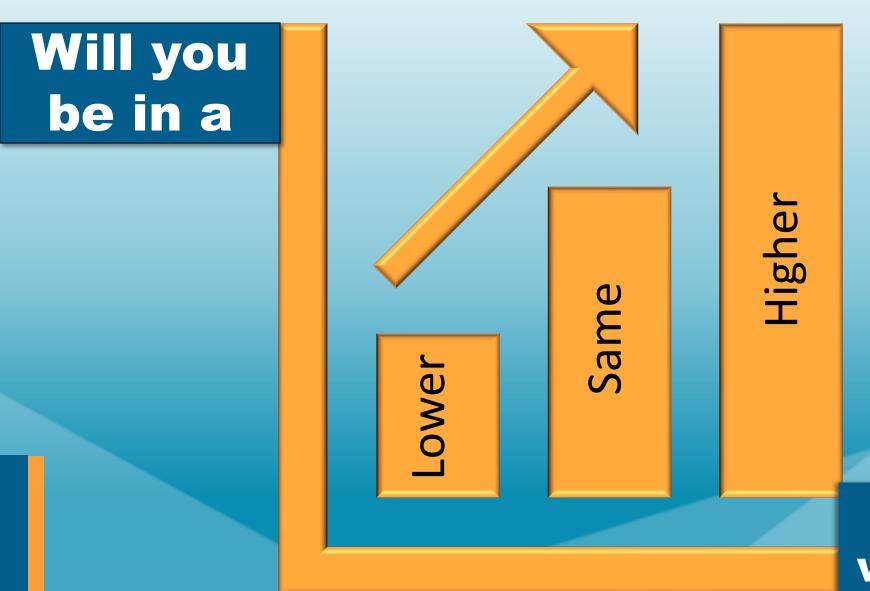
The age for withdrawing from retirement accounts was increased in 2020 to 72 from 70.5. (Note that the SECURE 2.0 Act will raise the age for RMDs to 73 for those who turn 72 in 2023.) Therefore, your first RMD must be taken by April 1 of the year after which you turn 72 (73 in 2023). After that your RMDs must be taken by December 31 of each year.





The Treatment of	Traditional TSP	Roth TSP			
Contributions	Pre-tax	After-tax ¹			
Your Paycheck	Taxes are deferred*, so less money is taken out of your paycheck.	Taxes are paid up front*, so more money comes out of your paycheck.			
Transfers In	Transfers allowed from eligible employer plans and traditional IRAs	<i>Transfers</i> allowed from Roth 401(k)s, Roth 403(b)s, and Roth 457(b)s			
Transfers Out	<i>Transfers</i> allowed to eligible employer plans, traditional IRAs, and Roth IRAs	Transfers allowed to Roth 401(k)s, Roth 403(b)s, Roth 457(b)s, and Roth IRAs			
Withdrawals	<i>Taxable</i> when withdrawn	Tax-free earnings if five years have passed since January 1 of the year you made your first Roth contribution, AND you are age 59½ or older, permanently disabled, or deceased			

STEP #4: Understanding Your Tax Picture



TAX BRACKET when you retire?

A Traditional TSP

Years ---> 1 -- 20

\$18,000 @ 5% ROR \rightarrow 401(k)

Accumulated: \$624,947

X 4% W/D

\$24,997

(taxes, Fed 25% + State6%) -\$7,749

\$17,248.00

B Roth/Roth TSP

Years ---> 1 -- 20

\$18,000 x 25% Fed + 6% State = \$12,420 @ 5% ROR → Roth

Accumulated: \$431,213 X 4% W/D

\$17,248.00

ROTH Or Traditional TSP...

You Retire in the Same Tax Bracket that You Were Working In

Pros Roth

- Rule out Government Legislative Risk
- NO RMDS!
- Transfers to heirs tax-free
- Tax-Free Withdrawals

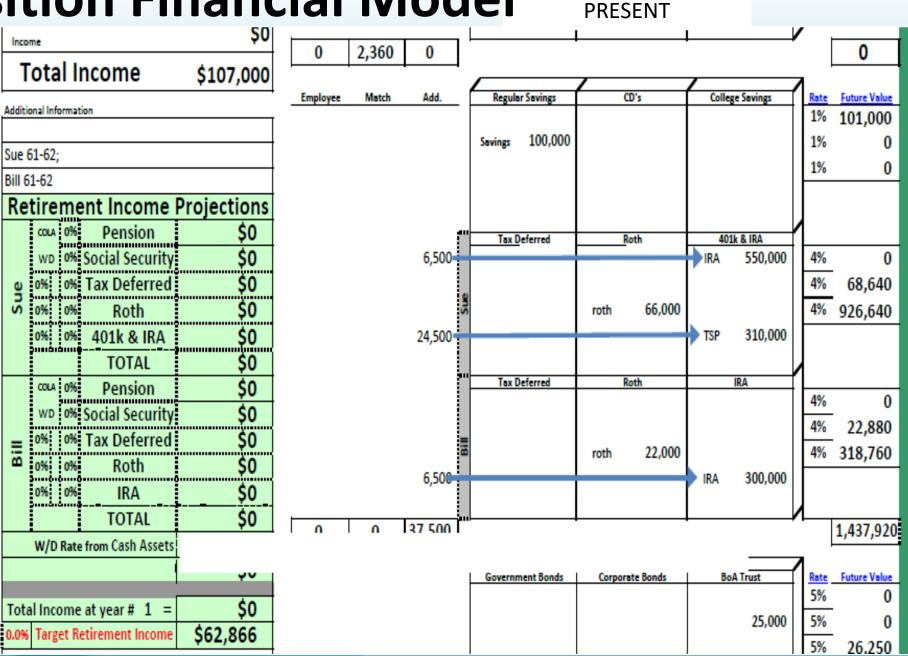
Pros Traditional

- Geography plan
- Defer State Tax If you moved to a state with NO state tax, it could be a tax savings on distributions.

Target Retirement Income

Gross Income - Sue Gross Income - Bill	\$107,000 \$0
Total Gross Income	\$107,000
Less	
TSP/401(k)	\$24,500
IRA	\$6,500
Social Security	\$6,634
IRA	\$6,500
Mortgage	\$0
College	\$0
Credit Cards	\$0
Debts	\$0
Tax Equivalent	\$0
Non/Qualified IRA	\$0
Roth	\$0
Total Payments	\$44,134
Target Retirement Income	\$62,866

Present Position Financial Model



What is Your Tax Bracket?

How many of you think you will be in a lower tax bracket when you retire?

Tax Rate	For Single Filers	For Married Individuals Filing Joint Returns	For Heads of Households
10%	\$0 to \$11,925	\$0 to \$23,850	\$0 to \$17,000
12%	\$11,925 to \$48,475	\$23,850 to \$96,950	\$17,000 to \$64,850
22%	\$48,475 to \$103,350	\$96,950 to \$206,700	\$64,850 to \$103,350
24%	\$103,350 to \$197,300	\$206,700 to \$394,600	\$103,350 to \$197,300
32%	\$197,300 to \$250,525	\$394,600 to \$501,050	\$197,300 to \$250,500
35%	\$250,525 to \$626,350	\$501,050 to \$751,600	\$250,500 to \$626,350
37%	\$626,350 or more	\$751,600 or more	\$626,350 or more

Tax Bracket 2025

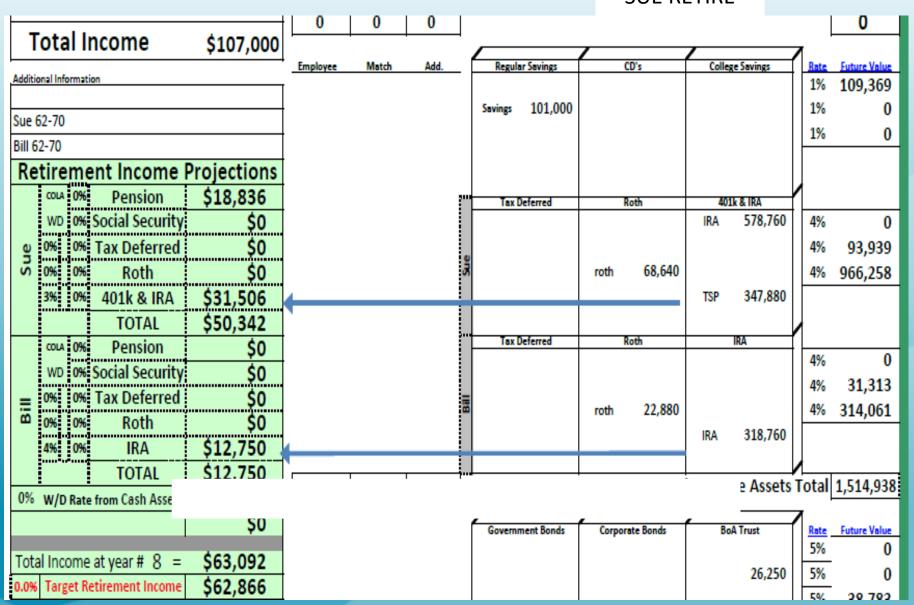
IRS Form 1040

Taxable Income

£1040		rtment of the Treasury—Internal Revenue Servi S. Individual Income Tax		turn	202	4	OMB No. 1545-	-0074	IRS Use Only	-Do not v	write or staple in this space.
For the year Jan.	1-Dec.	31, 2024, or other tax year beginning			, 2024, en	ding			, 20	See se	eparate instructions.
Your first name a	and mi	ddle initial	Last n	ame						Your s	ocial security number
If joint return, sp	If joint return, spouse's first name and middle initial Last name								Spouse	e's social security numbe	
Home address (numbe	r and street). If you have a P.O. box, see	instruc	tions.					Apt. no.	Preside	ential Election Campaig
									Check here if you, or your		
City, town, or post office. If you have a foreign address, also complete spaces below. State ZIP code							code	spouse if filing jointly, want \$3 to go to this fund. Checking a			
Foreign country	Foreign country name Foreign province/state/county Foreign postal cod							ign postal code		elow will not change ax or refund.	
r or orgin cooning				· Grangin p			"		g. posta code	, o a	You Spous
Filing Status		Single					☐ Head	of ho	usehold (HOF	f)	
Check only		Married filing jointly (even if only or	ne had	l income)			_				
one box.		Married filing separately (MFS)					-	_	surviving spou		
		ou checked the MFS box, enter the			pouse. If yo	ou ch	ecked the HOH	d or C	QSS box, ente	er the ch	hild's name if the
	qu	alifying person is a child but not you									
		If treating a nonresident alien or du their name (see instructions and at									
Digital		y time during 2024, did you: (a) rec									
Assets	_	ange, or otherwise dispose of a dig						t)? (S	see instruction	15.)	Yes No
Standard Deduction		eone can claim: You as a de		_			a dependent				
Deduction		pouse itemizes on a separate retur	n or ye	u were a	dual-status	aller					
Age/Blindness	You:	Were born before January 2, 1	960	Are b	lind Sp	ouse	: Was bon	_	fore January 2		Is blind
Dependents				(2)	Social securit	у	(3) Relationshi	ip (lifies for (see instructions)
If more	(1) Fi	rst name Last name		+	number		to you	\rightarrow	Child tax or	edit	Credit for other dependent
than four dependents,				+	\vdash			\rightarrow			H
see instructions				+				\rightarrow			H
and check here								\dashv	ī		i i
Income	1a	Total amount from Form(s) W-2, b	ox 1 (s	ee instruc	tions) .					. 1	a
	ь	Household employee wages not re	eporte	d on Form	n(s) W-2 .					. 11	ь
Attach Form(s) W-2 here. Also	c	Tip income not reported on line 1a	(see i	nstruction	ns)					. 10	c
attach Forms W-2G and	d	Medicaid waiver payments not rep	orted	on Form(s) W-2 (see	instru	uctions)			. 10	d
1099-R if tax	e	Taxable dependent care benefits f	rom Fo	orm 2441	, line 26					. 10	e
was withheld.	f	Employer-provided adoption bene	fits fro	m Form 8	839, line 29	9.				. 1	
If you did not get a Form	g	Wages from Form 8919, line 6 .	- :							. 19	
W-2, see	h	Other earned income (see instructi					1 1 1 2	i.		. 11	n
instructions.	i z	Nontaxable combat pay election (s Add lines 1a through 1h	see ins	tructions;			<u>1i</u>	_		. 1	
Attach Sch. B	2a		2a		i	b T	axable interest			. 21	
if required.	3a		3a				Ordinary divider			. 3	
==	4a	IRA distributions	4a				axable amount			. 41	ь
Standard Deduction for—	5a	Pensions and annuities	5a			ьт	axable amount	t		. 51	ь
Single or	6a	Social security benefits	6a			ЬΤ	axable amount	t		. 61	ь
Married filing separately,	c	If you elect to use the lump-sum e	lection	method,	check here	(see	instructions)				
\$14,600 Married filing	7	Capital gain or (loss). Attach Schei			d. If not req	uired	l, check here			7	
jointly or Qualifying	8	Additional income from Schedule								. 8	
surviving spouse, \$29,200	9	Add lines 1z, 2b, 3b, 4b, 5b, 6b, 7,			our total in	com	e			. 9	_
Head of	10	Adjustments to income from Sche								. 10	_
household, \$21,900	11	Subtract line 10 from line 9. This is			_					. 1	
If you checked any box under	12	Standard deduction or itemized Qualified business income deducti				-	15-A			11	
Standard Standard	44	Qualified business income deduction from Form 8995 or Form 8995-A									
see instructions.	15	Subtract line 14 from line 11. If zer	o or le	ss. enter	-0 This is	vour	taxable incom	ie		. 18	5
		Commented to a second s		Can Crinici	5	,		-			

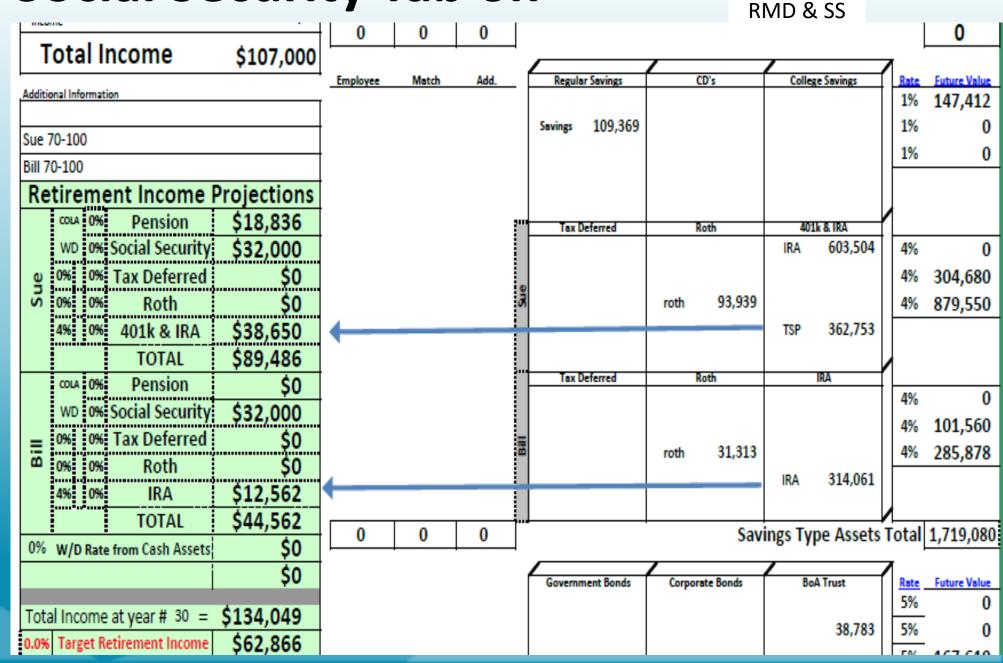
Retirement Tab on Financial Model

SUE RETIRE

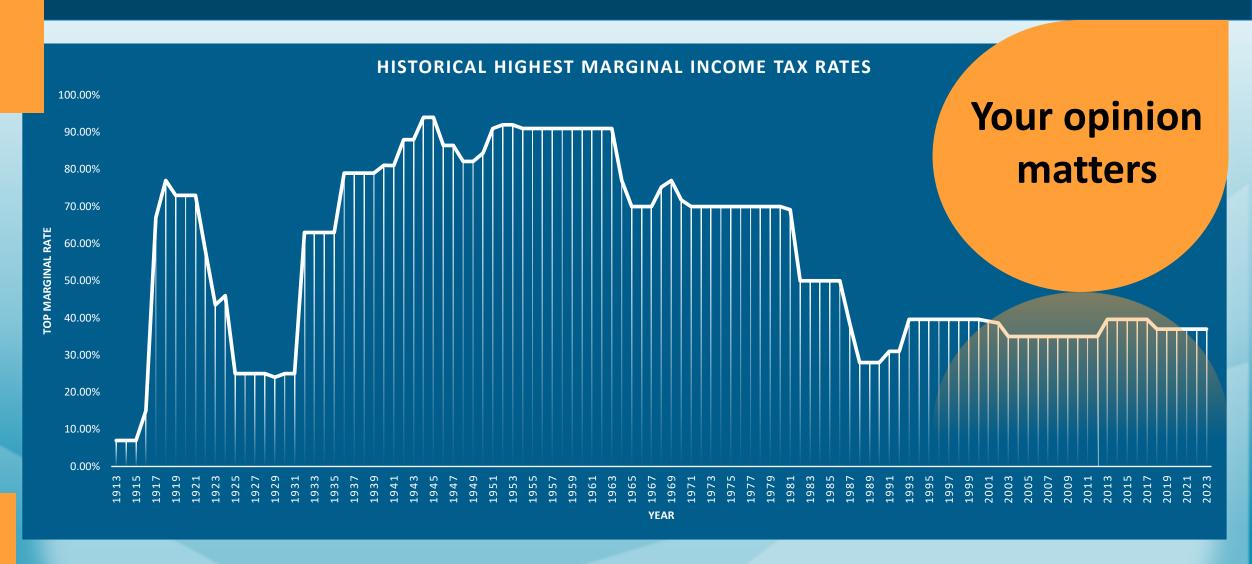


RMD and Social Security Tab on

Financial Model



WHERE do you think taxes will be in your future?

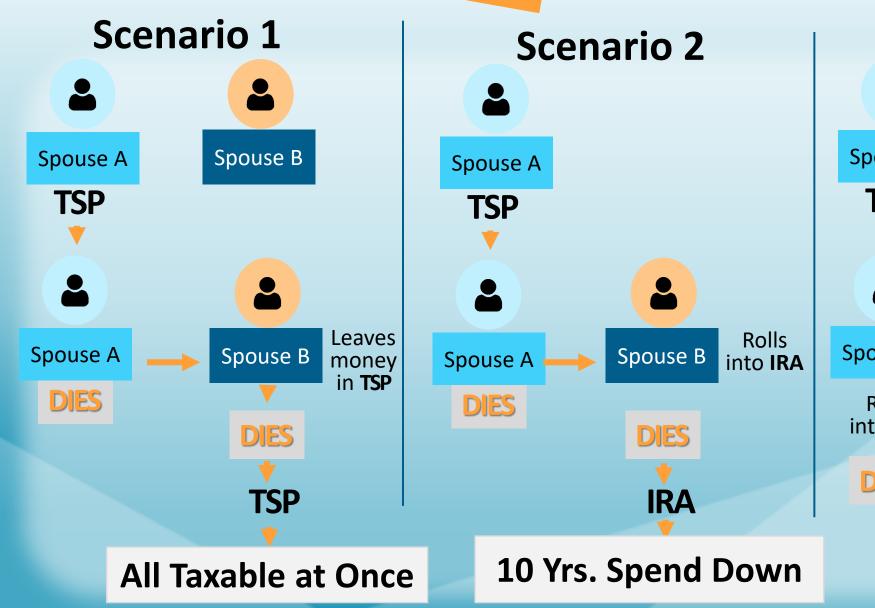


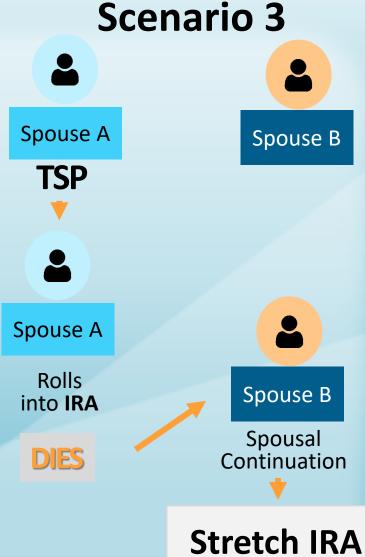
- The data referenced in this chart we created is from the Tax Policy Center: https://taxpolicycenter.org/statistics/historical-highest-marginal-income-tax-rates
- This table contains a number of simplifications and ignores a number of factors, such as the amount of income or types of income subject to the top rates, or the value of standard and itemized deductions. **Sources:** IRS Revenue Procedures, various years. Also, Eugene Steuerle, The Urban Institute; Joseph Pechman, Federal Tax Policy; Joint Committee on Taxation, Summary of Conference Agreement on the Jobs and Growth Tax Relief Reconciliation Act of 2003, JCX-54-03, May 22, 2003.

Stretch IRA is Back

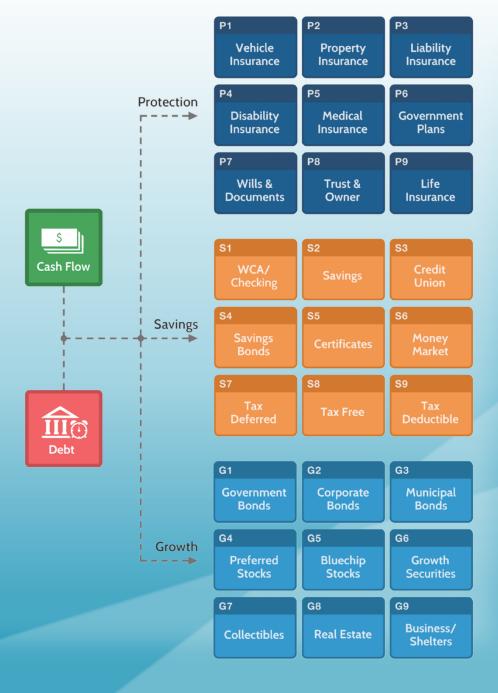


Secure Act 2.0











Thank you for your time today. Kindly fill out our feedback survey: https://www.surveymonkey.com/r/DCSOFASURVEY



Presentations are intended for educational purposes only and do not replace independent professional judgment. The information discussed is basic and general in nature and is intended for educational purposes only. No specific product or companies are being solicited. It is recommended that you consult the advice of certified professionals regarding your specific situation. Please understand that laws and regulations are subject to local variations and may have different interpretations. Therefore, should legal advice be required, it is recommended that you seek the advice of a qualified attorney in your state of residence. No specific investment advice is ever intended. Financial products can vary, therefore, always examine the detail of the product structure, provisions and features. Any discussions regarding interest rates, rates of return, and tax rates are purely hypothetical and not intended to represent assurances or guarantees. The presenters of this information are not related to, endorsed by, nor connected with and not approved by any Government Agency or organization. Before investing or using any strategy, individuals should consult with their tax, legal, or financial advisor. All information contained in this presentation has been derived from sources deemed to be reliable but cannot be guaranteed.