

7 Things You Need To Know When Counting Down To Retirement



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Successful Retirement = Preparation

- 1. Understanding Your Target Retirement Income
- Asset Allocation
- 3. Withdrawal Risk
- 4. Inflation
- 5. RMD's & Understanding your Financial Trajectory
- 6. Rising Medical and Long-Term Care Costs
- 7. Running out of money

Step #1:

Understanding
Your Target
Retirement
Income (TRI)

Gross Income - Spouse A \$150,000 Gross Income - Spouse B \$100,000 50 \$250,000 **Total Gross Income** Less TSP/401(k) \$27,000 TSP/401(k) \$27,000 Social Security \$17,540 Savings 50 Mortgage Roth TSP 50 Roth Non/Qulaified IRA College 50 Credit Cards 50 Tax Equivalent 50 \$71,540 **Total Payments**

Target Retirement Income

\$178,460

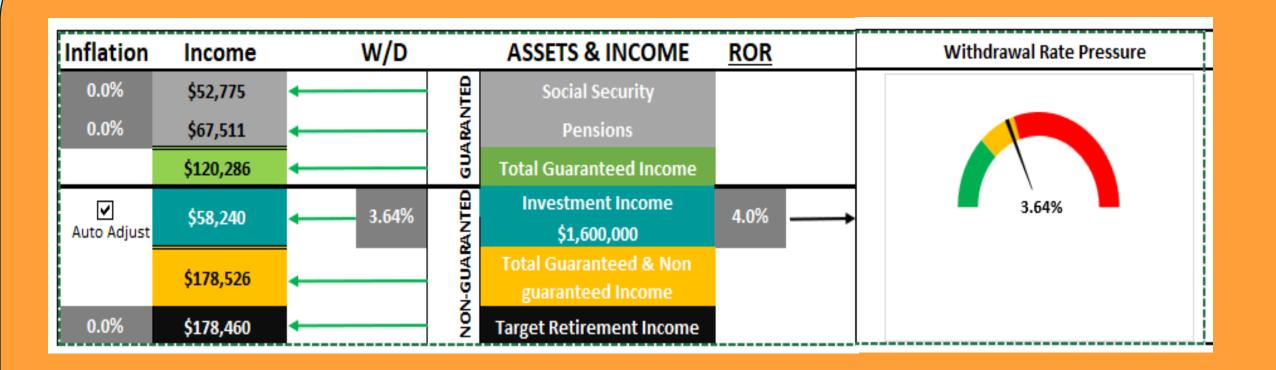
Step #2: Understanding Your Investment Income Need

Target Retirement Income \$178,460

Social Security (\$52,775)

Pension (\$67,511)

Investment Income Needed \$58,174



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%

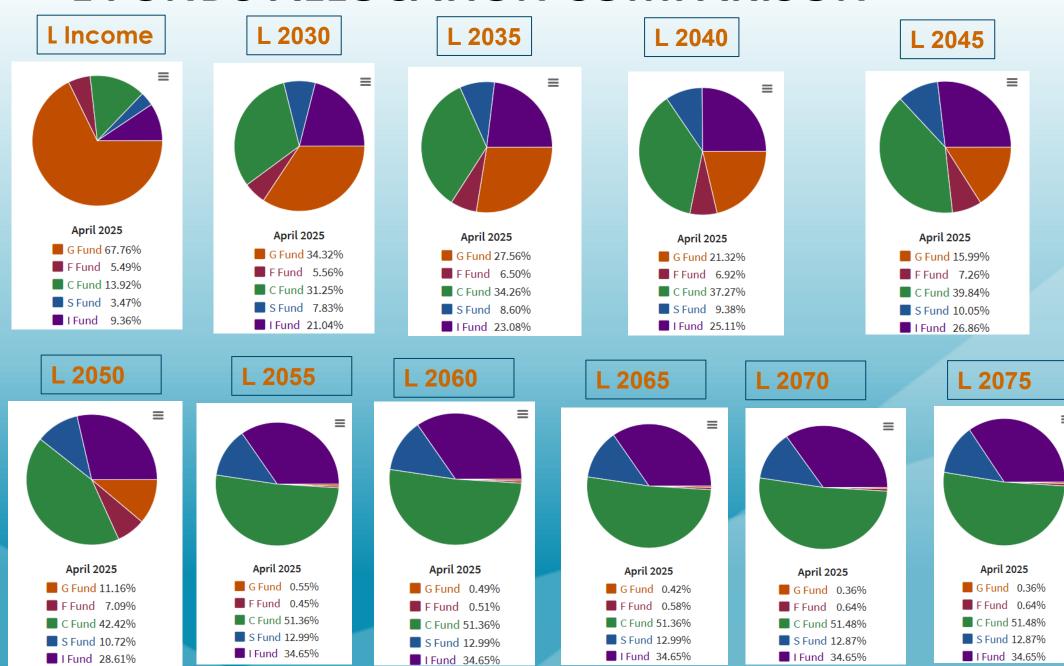
ne Trinity University Study

Recent Investment Returns for the TSP Funds

Rates of return as of November 30, 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
Incepti	on date	4/1/1987	1/29/1988	1/29/1988	5/1/2001	5/1/2001
1 year		4.43%	6.93%	33.84%	38.94%	13.08%
3 year		3.78%	-1.84%	11.40%	5.35%	4.73%
5 year		2.74%	0.09%	15.72%	11.98%	6.35%
10 year	r	2.51%	1.58%	13.33%	10.44%	5.49%
Since ir	nception	4.65%	5.31%	11.27%	9.71%	5.16%

L FUNDS ALLOCATION COMPARISON

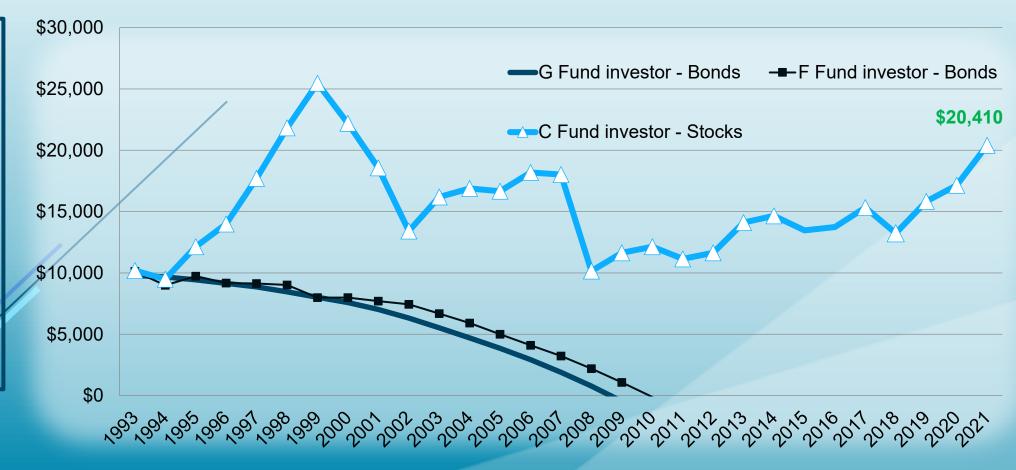


Loss of Purchasing Power: What Happens When You Start Spending?

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

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

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

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.

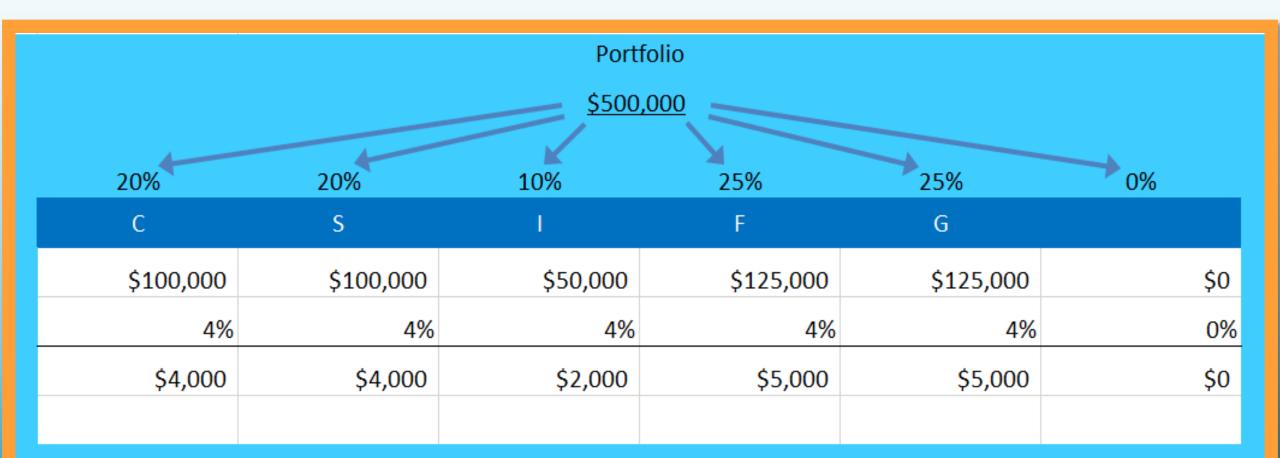
Solution: Sequence Defense

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

\$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.



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 CLASS RETURNS QUILT

2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	(2008 - 2022)	(2008 - 2022)
U.S.Core Bond 5.24%	Intl Emerging 79.02%	Real Estate 28.07%	Real Estate 9.37%	Intl Emerging 18.63%	U.S. Small Cap 41.31%	Real Estate 32.00%	Real Estate 4.48%	U.S. Small Cap 26.56%	Inti Emerging 37.75%	CashAlt. 1.82%	U.S. Large Cap Blend 31.49%	Intl Emerging 18.69%	Real Estate 45.91%	Comdty. 16.09%	U.S.Small Cap 8.89%	Real Estate 26.23%
Cash Alt. 1.77%	U.S.Mid Cap 37.38%	U.S. Mid Cap 26.64%	U.S. Core Bond 7.84%	Intl Devipd. 17.90%	U.S. Mid Cap 33.50%	U.S. Large Cap Blend 13.69%	U.S.Large Cap Blend 1.38%	U.S. Mid Cap 20.74%	Intl Devlpd. 25.62%	U.S. Core Bond 0.01%	U.S. Mid Cap 26.20%	U.S. Large Cap Blend 18.40%	U.S.Large Cap Blend 28.71%	Cash Alt. 152%	U.S. Mid Cap 8.87%	U.S. Small Cap 23.00%
Diversified Portfolio -25.50%	Intl Devlpd. 32.46%	U.S. Small Cap 26.31%	U.S. Large Cap Blend 2.11%	U.S. Mid Cap 17.88%	U.S.Large Cap Blend 32.39%	U.S. Mid Cap 9.77%	U.S.Core Bond 0.55%	U.S.Large CapBlend 11.96%	U.S. Large Cap Blend 21.83%	Real Estate -4.22%	Real Estate 23.10%	Diversified Portfolio 13.83%	Comdty. 27.11%	U.S. Core Bond -13.01%	U.S.Large Cap Blend 8.81%	Intl Emerging 22.69%
U.S.Small Cap -3107%	Real Estate 28.46%	Intl Emerging 19:20%	U.S.Small Cap 1.02%	Real Estate 17.12%	Intl Devipd. 23.29%	U.S. Core Bond 5.97%	Cash Alt. 0.03%	Comdty. 11.77%	U.S.Mid Cap 16.24%	U.S. Large Cap Blend -4.38%	U.S. Small Cap 22.78%	U.S. Mid Cap 13.66%	U.S. Small Cap 26.82%	U.S. Mid Cap -13.06%	Real Estate 5.52%	U.S. Mid Cap 21.39%
Comdty. -35.65%	U.S. Large Cap Blend 26.46%	Comdty. 16.83%	Gash Alt. 0.07%	US. Small Cap 16.33%	Diversified Potifolio 12.68%	U.S.Small Cap 5.76%	Inti Devipd. -0.39%	Intl Emerging 11.50%	Diversified Pordotio 13.77%	Diversified Portralio -5.22%	Intl Devlpd. 22.66%	US. Small Cap 11.29%	US. Mid Cap 24.76%	Intl Devlpd. -14.01%	Diversified Portfolio 4.65%	Intl Devlpd. 19.50%
U.S. Mid Cap -36.23%	U.S. Small Cap 25.57%	U.S.Large Cap Blend 15.06%	Diversified Portrolio -0.83%	U.S. Large Cap Blend 16.00%	Real Estate 1.22%	Diversified Portfolio 529%	Diversified Portfolio -0.66%	Real Estate 6.68%	U.S. Small Cap 13.23%	U.S. Small Cap -8.48%	Diversified Portfolio 19.81%	Intl Devlpd. 8.28%	Intl Devipd. 11.78%	Diversified Portfolio -15.78%	U.S. Core Bond 2.66%	U.S. Large Cap Blend 17.58%
U.S. Large Cap Blend -37.00%	Diversified Porttolio 23.47%	Diversified Portfolio 11.09%	U.S. Mid Cap -1.73%	Diversiried Portrolio 11.87%	Cash Alt. 0.05%	Cash Alt. 002%	U.S.Small Cap -197%	Diversified Pontolio 6.28%	Real Estate 3.76%	U.S. Mid Cap -11.08%	Intl Emerging 18.88%	U.S. Core Bond 7.51%	Diversified Portfolio 10.48%	U.S. Small Cap -16.10%	Intl Devlpd. 2.29%	Comdty. 17.37%
Real Estate -39.20%	Comdty. 18.91%	Intl Devlpd. 8.21%	Intl Devlpd. -11.73%	U.S. Core Bond 4.21%	U.S. Core Bond -2.02%	Intl Emerging -1.82%	U.S.Mid Cap -2.18%	U.S.Core Bond 2.65%	U.S. Core Bond 3.54%	Comdty. -11.25%	U.S. Core Bond 8.72%	Cash Alt. 0.54%	Cash Alt. 0.04%	U.S. Large Cap Blend -18.11%	Inti Emerging 1.00%	Diversified Portfolio 11.40%
Intl Devipd. -43.06%	U.S. Core Bond 5.93%	U.S. Core Bond 6.54%	Comdty. -13.32%	Cash Alt. 0.08%	Intl Emerging -2.27%	Intl Devipd. -4.48%	Intl Emerging -14.60%	Intl Devlpd. 1.51%	Comdty. 1.71%	Intl Devlpd. -13.36%	Comdty. 7.69%	Comdty. -3.12%	U.S. Core Bond -1.54%	Intl Emerging -19.74%	C ash Alt. 0.63%	U.S. Core Bond 4.16%
Intl Emerging -53.18%	Cash Alt 0.15%	Cash Alt. 0.13%	Intl Emerging -18.17%	Comdty. -1.06%	Comdty. -9.52%	Comdty. -17.01%	Comdty. -24.66%	Cash Alt 0.26%	Cash Alt. 0.82%	Intl Emerging -14.24%	CashAlt 2.21%	Real Estate -11.20%	Intl Emerging -2.22%	Real Estate -25.96%	Comdty. -2.60%	CashAlt. 0.25%

Data Source: YCharts. Total Returns are used for each index/model

^{*} Return represents the average annual return during the period shown.

^{**} Risk is represented by Standard Deviation, which is the measure of the total volatility in a portfolio. It shows how widely a portfolio's returns have varied around the average over a period of time.

Diversification in International Markets

U.S. **Exceptionalism or N**vidia **Exceptionalism?** The performance of the S&P 500 ex-NVDA against developed Europe and Japan since October 2022 – the market bottom for U.S. equities.



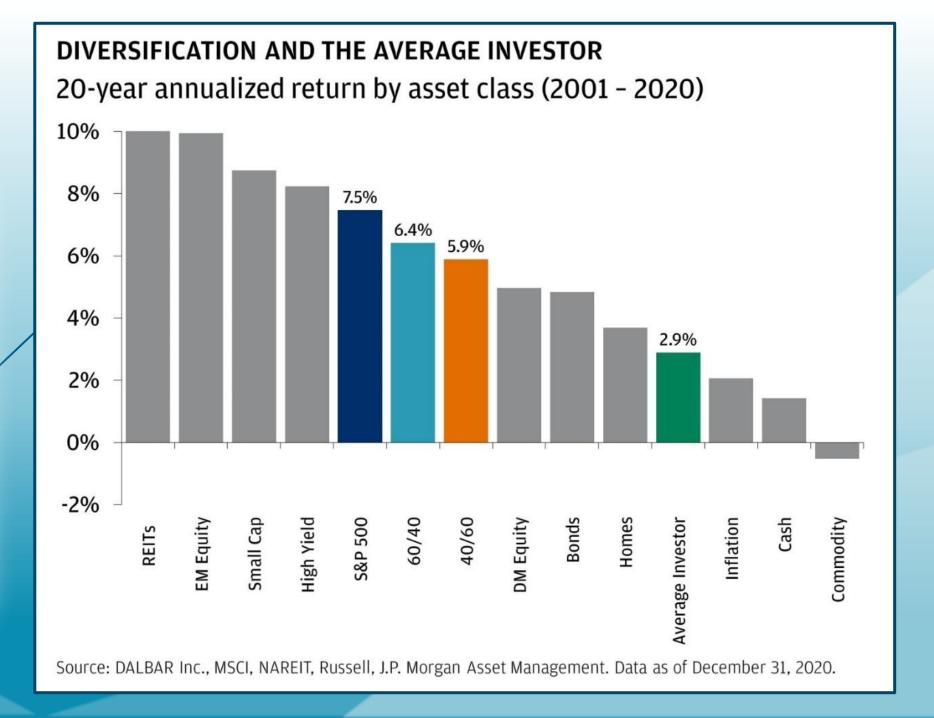
Taking out NVDA's 900%+ cumulative performance over that time, the U.S. trails Europe and Japan by a significant margin.

Additionally, only 4
U.S. companies are
in the top 50
performing
companies globally
so far in 2025, the
lowest number of
the century to this
point!!

J.P. Morgan Guide to the Markets

3.5%

Despite strong index returns over time, the "average investor" has underperformed a basic, indexed 60/40 portfolio by 3.5% annualized.



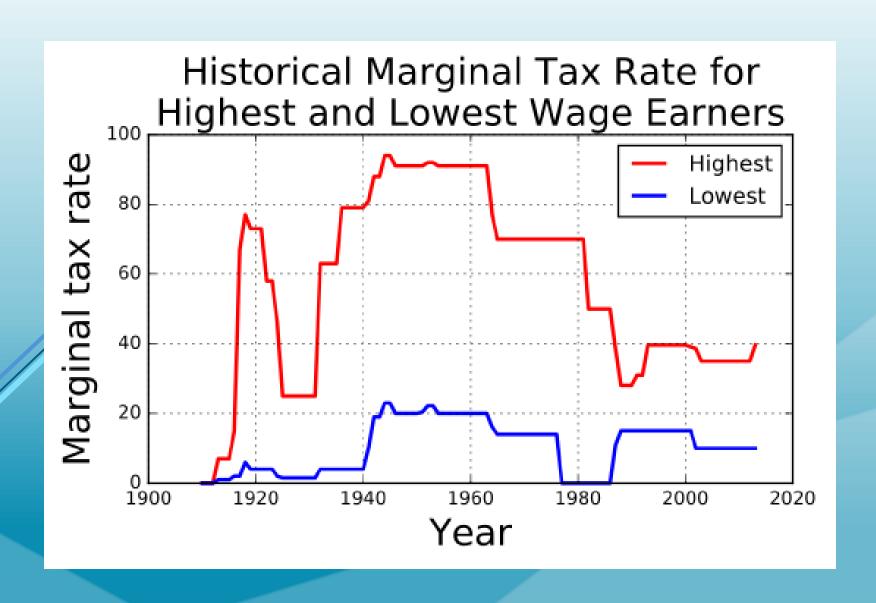
Tax Bracket 2025

See what marginal tax bracket you fall into: Your Line 15: \$183,000 ~ So, what marginal rate are you in now?

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

WHERE do you think taxes will be in your future? Your opinion matters

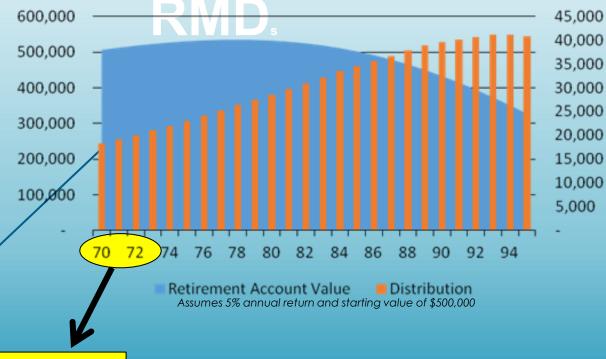


Which RMD to use?

NO RMD's for ROTH TSP/401(k)

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

Effect of RMDs



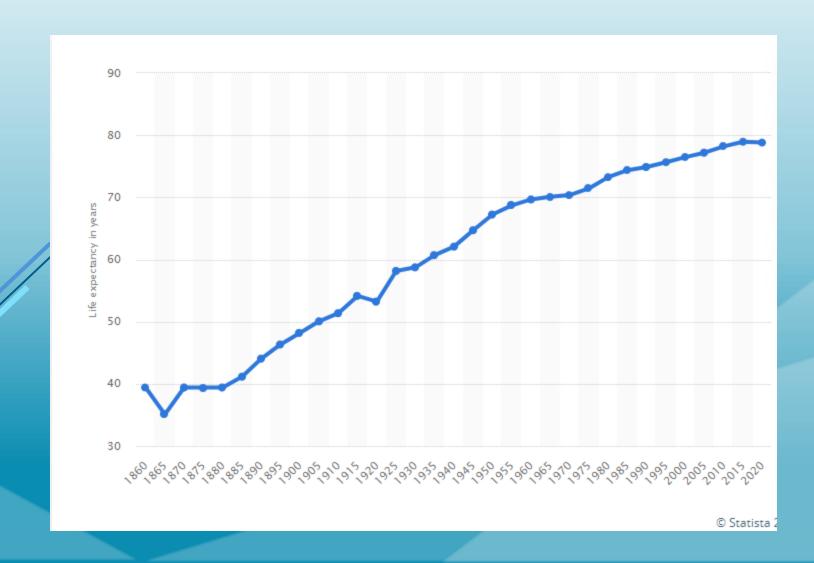
AGE 70 ½...72...73

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.

LONGEVITY

Since 1900 the global average life expectancy has more than doubled In every country the life expectancy of women is higher than the life expectancy of men



How Will You Pay for LTC?

- Pay out-of-pocket Self Insure
- Rely on government programs such as Medicare or Me / caid
- **Elder Care Law Planning**
- **Buy long-term care insurance**
- Life Insurance with LTC Rider/or Hybrid Policy

Existing Policies Premium Researche

State	Filer	Calculated premium change (\$M)	e Number of policybers, affected	Renew effec
VA	Genworth Life Insurance Co. ¹	9	10,228	
ОН	Genworth Life Insurance Co.	110/		
PA	John Hancock Life Insurance Co LICA	11%	00	
TN	Genworth Life Insurance Co.		4,431	
KY	Genworth Life Insurance Co.	Annual	4,617	
IA	Ability Insurance Co. 1,2	Amuui	2,612	
NE	Mutual of Omaha Insuran		2,383	
AL	Genworth Life Insurance Co.	Increase!	8,321	
TX	Allianz Life Insurance Co. Of North Americ	micreuse:	2 821	
NE	Ability Insurance Co. ²		7 2,024	

Date compiled Aug 4, 2022

LTC = long-term care

Information collected on a best-effort basis. Rate filling information is sourced from the System for El Reflects individual long-term care rate filings for Type of Insurance LTC02I, LTC031, LTC041 and LTC0! where data on the premium impacted was unavailable; fillings where the disposition table was unava Written premium, calculated premium change, approved rate change and number of policyholders a Top 10 fillings shown are based on calculated premium change.

tween Jan. 1 and Jun∈ 30, 2022. Excludes pending, disapproved and withdrawn fillings; fillings where rate change was zero; fillings

val business ctive date

04/21/22

03/31/22

05/09/22

04/27/22

03/31/22

02/18/22

01/01/22

03/14/22

01/29/22

01/13/22

on disposition section of rate fillings. Approved rate change reflects the calculated premium change divided by written premium.

rates in a given year.

the state insurance regulators within the filling.

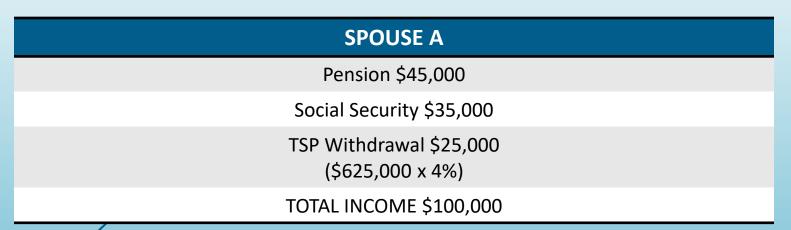
^{*}Approved rate change shown may be the ultimate increase as some states cap the amount an insure

¹ Adjustments made to values shown due discrepancies between disposition table and corresponden

² Include LTC premium changes for policies of medico Insurance Co. that have been novated over to A (1) Insurance Co. Source: S&P Global Market Intelligence

PERFECT STORM

Dealing with Finances After the Death of a Spouse



Scenario 1

SPOUSE A DIES

Pension \$22,500

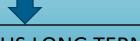
Social Security TBD*

(*lesser of the two spouses ss)

TSP Withdrawal \$25,000 (\$625,000 x 4%)

TOTAL INCOME \$47,500 (plus SS)

Scenario 2



SPOUSE A DIES PLUS LONG TERM CARE EVENT

Pension \$22,500

Social Security TBD*
(*lesser of the two spouses ss)

TSP Withdrawal \$0

TOTAL INCOME \$22,500



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



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