

2FFL Fine-Tuning Table		TARGET DATE FUND YEARS TO RETIREMENT						
Portfolio Mix	Asset Class / Metric	25	20	15	10	5	0	-7
0% US SCV, 100% TDF	CAGR	10.1%	9.8%	9.6%	9.3%	9.0%	8.6%	7.8%
	Volatility (SD)	13.1%	12.1%	11.1%	10.1%	9.1%	8.0%	6.0%
	Worst Drawdown	-48%	-44%	-40%	-36%	-32%	-25%	-17%
	30-Year SWR	3.7%	3.9%	4.1%	4.0%	3.9%	3.8%	3.3%
10% US SCV, 90% TDF	CAGR	10.5%	10.3%	10.1%	9.8%	9.6%	9.2%	8.5%
	Volatility (SD)	13.4%	12.5%	11.6%	10.7%	9.8%	8.7%	6.8%
	Worst Drawdown	-49%	-46%	-42%	-38%	-35%	-29%	-17%
	30-Year SWR	3.8%	4.0%	4.3%	4.4%	4.3%	4.2%	4.0%
20% US SCV, 80% TDF	CAGR	10.9%	10.7%	10.5%	10.3%	10.1%	9.8%	9.2%
	Volatility (SD)	13.9%	13.1%	12.3%	11.5%	10.7%	9.7%	7.9%
	Worst Drawdown	-50%	-47%	-44%	-41%	-37%	-33%	-22%
	30-Year SWR	3.9%	4.1%	4.4%	4.6%	4.6%	4.6%	4.4%
30% US SCV, 70% TDF	CAGR	11.3%	11.2%	11.0%	10.8%	10.6%	10.4%	9.9%
	Volatility (SD)	14.4%	13.7%	13.0%	12.4%	11.7%	10.8%	9.2%
	Worst Drawdown	-51%	-48%	-46%	-43%	-40%	-36%	-28%
	30-Year SWR	3.9%	4.1%	4.4%	4.6%	4.8%	4.8%	4.8%
40% US SCV, 60% TDF	CAGR	11.7%	11.6%	11.4%	11.3%	11.1%	10.9%	10.5%
	Volatility (SD)	15.1%	14.5%	13.9%	13.4%	12.8%	12.1%	10.6%
	Worst Drawdown	-53%	-50%	-48%	-46%	-44%	-40%	-33%
	30-Year SWR	3.9%	4.1%	4.3%	4.4%	4.6%	4.8%	4.8%
50% US SCV, 50% TDF	CAGR	12.0%	11.9%	11.8%	11.7%	11.6%	11.4%	11.1%
	Volatility (SD)	15.9%	15.4%	14.9%	14.4%	14.0%	13.4%	12.2%
	Worst Drawdown	-54%	-52%	-51%	-49%	-47%	-44%	-39%
	30-Year SWR	3.7%	3.9%	4.0%	4.2%	4.3%	4.5%	4.9%
100% US SCV	CAGR: 13.5%   Volatility (SD): 20.6%   Worst Drawdown: -61%   30-Year SWR: 2.5%							

1. Compound Annual Growth Rates (CAGRs), Standard Deviations (SDs), and Drawdowns assume a **fixed allocation** and **lump sum** investment, calculated with **monthly rebalancing**, for Jan. 1970 through Dec. 2025.  
2. 30-Year Safe withdrawal rates calculated from worst starting months from 1928-2025, using monthly returns and **monthly rebalancing**.  
3. Young investors who contribute regularly will likely see lower drawdowns while contributions are large relative to account balance.  
4. Investors who rebalance less frequently will likely see higher returns and higher drawdowns.  
5. Real returns (adjusted for inflation) were about 3.9% less than the nominal returns shown, based on the historical average inflation rate for the 1970-2025 period.  
6. Past performance doesn't guarantee future returns. Drawdowns from 1928-1970 were worse by an additional 10% to more than 30%.

2FFL FTT: Asset Allocations		TARGET DATE FUND YEARS TO RETIREMENT						
Portfolio Mix	Asset Class / Metric	25	20	15	10	5	0	-7
Simplified TDF Allocations	US Stock	54%	49.5%	45%	40.5%	36%	30%	18%
	Intl LCB Stock	36%	33%	30%	27%	24%	20%	12%
	Int-Term Gov't Bonds	10%	17.5%	25%	32.5%	40%	50%	70%
10% US SCV, 90% TDF	US Stock	48.6%	44.6%	40.5%	36.5%	32.4%	27.0%	16.2%
	Intl LCB Stock	32.4%	29.7%	27.0%	24.3%	21.6%	18.0%	10.8%
	Int-Term Gov't Bonds	9.0%	15.8%	22.5%	29.3%	36.0%	45.0%	63.0%
	US Small-Cap Value	10%	10%	10%	10%	10%	10%	10%
20% US SCV, 80% TDF	US Stock	43.2%	39.6%	36.0%	32.4%	28.8%	24.0%	14.4%
	Intl LCB Stock	28.8%	26.4%	24.0%	21.6%	19.2%	16.0%	9.6%
	Int-Term Gov't Bonds	8.0%	14.0%	20.0%	26.0%	32.0%	40.0%	56.0%
	US Small-Cap Value	20%	20%	20%	20%	20%	20%	20%
30% US SCV, 70% TDF	US Stock	37.8%	34.6%	31.5%	28.3%	25.2%	21.0%	12.6%
	Intl LCB Stock	25.2%	23.1%	21.0%	18.9%	16.8%	14.0%	8.4%
	Int-Term Gov't Bonds	7.0%	12.3%	17.5%	22.8%	28.0%	35.0%	49.0%
	US Small-Cap Value	30%	30%	30%	30%	30%	30%	30%
40% US SCV, 60% TDF	US Stock	32.4%	29.7%	27.0%	24.3%	21.6%	18.0%	10.8%
	Intl LCB Stock	21.6%	19.8%	18.0%	16.2%	14.4%	12.0%	7.2%
	Int-Term Gov't Bonds	6.0%	10.5%	15.0%	19.5%	24.0%	30.0%	42.0%
	US Small-Cap Value	40%	40%	40%	40%	40%	40%	40%
50% US SCV, 50% TDF	US Stock	27.0%	24.8%	22.5%	20.3%	18.0%	15.0%	9.0%
	Intl LCB Stock	18.0%	16.5%	15.0%	13.5%	12.0%	10.0%	6.0%
	Int-Term Gov't Bonds	5.0%	8.8%	12.5%	16.3%	20.0%	25.0%	35.0%
	US Small-Cap Value	50%	50%	50%	50%	50%	50%	50%
100% US SCV	US Small-Cap Value Allocation: 100%							