

Fine Tuning Table - S&P 500 Equity Portfolio

Mgmt Fee (0.0%) and fund expense ratios subtracted from all portfolios, except S&P 500 Index

Year	100%										100%	S&P 500 Index
	Bonds	10/90	20/80	30/70	40/60	50/50	60/40	70/30	80/20	90/10	S&P 500	
1970	14.8%	13.8%	12.8%	11.8%	10.7%	9.6%	8.5%	7.4%	6.3%	5.1%	3.9%	4.0%
1971	7.7%	8.4%	9.1%	9.8%	10.5%	11.2%	11.8%	12.4%	13.0%	13.6%	14.2%	14.3%
1972	4.8%	6.1%	7.5%	8.9%	10.3%	11.7%	13.1%	14.5%	15.9%	17.4%	18.9%	19.0%
1973	4.5%	2.5%	0.5%	-1.5%	-3.4%	-5.3%	-7.3%	-9.2%	-11.0%	-12.9%	-14.8%	-14.7%
1974	7.5%	3.8%	0.2%	-3.4%	-6.9%	-10.4%	-13.8%	-17.1%	-20.3%	-23.5%	-26.5%	-26.5%
1975	7.7%	10.5%	13.3%	16.2%	19.1%	22.0%	25.0%	27.9%	31.0%	34.0%	37.1%	37.2%
1976	9.7%	11.1%	12.6%	14.0%	15.4%	16.8%	18.2%	19.6%	21.0%	22.3%	23.7%	23.8%
1977	3.1%	2.1%	1.0%	0.0%	-1.1%	-2.1%	-3.2%	-4.2%	-5.2%	-6.3%	-7.3%	-7.2%
1978	2.6%	3.1%	3.6%	4.0%	4.4%	4.8%	5.2%	5.5%	5.9%	6.2%	6.5%	6.6%
1979	7.1%	8.2%	9.3%	10.5%	11.6%	12.7%	13.8%	15.0%	16.1%	17.2%	18.3%	18.4%
1980	7.5%	9.9%	12.4%	14.9%	17.4%	19.9%	22.4%	24.9%	27.4%	29.8%	32.3%	32.4%
1981	10.8%	9.1%	7.5%	5.9%	4.3%	2.7%	1.1%	-0.4%	-2.0%	-3.5%	-5.0%	-4.9%
1982	23.7%	23.6%	23.5%	23.3%	23.1%	22.9%	22.6%	22.3%	22.0%	21.7%	21.3%	21.4%
1983	8.2%	9.6%	10.9%	12.3%	13.8%	15.2%	16.6%	18.0%	19.5%	20.9%	22.4%	22.5%
1984	14.0%	13.3%	12.5%	11.8%	11.0%	10.2%	9.4%	8.6%	7.8%	7.0%	6.2%	6.3%
1985	16.5%	18.0%	19.6%	21.1%	22.7%	24.2%	25.8%	27.3%	28.9%	30.5%	32.0%	32.2%
1986	12.1%	12.8%	13.5%	14.2%	14.9%	15.5%	16.2%	16.7%	17.3%	17.8%	18.4%	18.5%
1987	4.1%	4.7%	5.2%	5.5%	5.8%	6.0%	6.1%	6.0%	5.8%	5.5%	5.1%	5.2%
1988	6.1%	7.2%	8.2%	9.3%	10.3%	11.4%	12.4%	13.5%	14.6%	15.6%	16.7%	16.8%
1989	12.0%	13.9%	15.8%	17.7%	19.6%	21.5%	23.5%	25.4%	27.4%	29.4%	31.4%	31.5%
1990	10.6%	9.3%	7.9%	6.6%	5.2%	3.8%	2.4%	1.0%	-0.4%	-1.8%	-3.2%	-3.1%
1991	15.3%	16.8%	18.3%	19.9%	21.4%	22.9%	24.4%	25.9%	27.4%	28.9%	30.3%	30.5%
1992	7.2%	7.3%	7.3%	7.4%	7.4%	7.4%	7.5%	7.5%	7.5%	7.5%	7.5%	7.6%
1993	9.7%	9.8%	9.8%	9.8%	9.9%	9.9%	9.9%	9.9%	9.9%	10.0%	10.0%	10.1%
1994	-3.2%	-2.7%	-2.3%	-1.8%	-1.4%	-0.9%	-0.5%	-0.1%	0.4%	0.8%	1.2%	1.3%
1995	16.6%	18.5%	20.5%	22.5%	24.6%	26.7%	28.8%	30.9%	33.0%	35.2%	37.4%	37.6%
1996	3.1%	5.0%	6.9%	8.8%	10.7%	12.7%	14.7%	16.7%	18.7%	20.8%	22.8%	23.0%
1997	7.0%	9.5%	12.0%	14.5%	17.1%	19.7%	22.4%	25.0%	27.7%	30.5%	33.2%	33.4%
1998	8.1%	10.2%	12.3%	14.5%	16.5%	18.6%	20.7%	22.7%	24.6%	26.6%	28.5%	28.6%
1999	-0.5%	1.6%	3.6%	5.7%	7.8%	9.9%	12.1%	14.3%	16.5%	18.7%	20.9%	21.0%
2000	11.7%	9.6%	7.4%	5.3%	3.2%	1.1%	-1.0%	-3.1%	-5.1%	-7.2%	-9.2%	-9.1%
2001	8.1%	6.2%	4.2%	2.2%	0.2%	-1.8%	-3.8%	-5.9%	-7.9%	-9.9%	-12.0%	-11.9%
2002	12.4%	8.7%	5.0%	1.4%	-2.1%	-5.6%	-9.1%	-12.5%	-15.8%	-19.0%	-22.2%	-22.1%
2003	3.5%	5.8%	8.2%	10.7%	13.1%	15.6%	18.1%	20.7%	23.3%	25.9%	28.6%	28.7%
2004	4.0%	4.7%	5.4%	6.1%	6.8%	7.4%	8.1%	8.8%	9.4%	10.1%	10.8%	10.9%
2005	1.8%	2.2%	2.5%	2.8%	3.1%	3.4%	3.7%	4.0%	4.3%	4.5%	4.8%	4.9%
2006	3.0%	4.2%	5.5%	6.7%	8.0%	9.2%	10.5%	11.8%	13.1%	14.4%	15.7%	15.8%
2007	9.3%	9.0%	8.6%	8.3%	7.9%	7.5%	7.1%	6.7%	6.3%	5.8%	5.4%	5.5%
2008	8.1%	2.7%	-2.4%	-7.4%	-12.2%	-16.8%	-21.2%	-25.4%	-29.5%	-33.3%	-37.1%	-37.0%
2009	2.0%	4.4%	6.8%	9.3%	11.7%	14.1%	16.6%	19.0%	21.5%	23.9%	26.3%	26.5%
2010	5.5%	6.6%	7.7%	8.7%	9.7%	10.7%	11.6%	12.5%	13.4%	14.2%	14.9%	15.1%
2011	8.0%	7.5%	7.0%	6.4%	5.9%	5.3%	4.7%	4.0%	3.4%	2.7%	2.0%	2.1%
2012	3.4%	4.7%	5.9%	7.2%	8.4%	9.7%	10.9%	12.2%	13.4%	14.6%	15.9%	16.0%
2013	-3.6%	-0.4%	2.8%	6.2%	9.6%	13.1%	16.7%	20.5%	24.3%	28.2%	32.3%	32.4%
2014	3.4%	4.4%	5.4%	6.4%	7.5%	8.5%	9.5%	10.5%	11.5%	12.6%	13.6%	13.7%
2015	0.8%	0.9%	1.0%	1.1%	1.2%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.4%
2016	1.8%	2.8%	3.8%	4.8%	5.9%	6.9%	7.9%	8.9%	9.9%	10.9%	11.8%	12.0%

Annualized Return	7.1%	7.6%	7.9%	8.3%	8.7%	9.0%	9.3%	9.5%	9.8%	10.0%	10.2%	10.3%
Standard Deviation	4.1%	4.1%	4.7%	5.6%	6.8%	8.1%	9.4%	10.8%	12.3%	13.7%	15.2%	15.2%

Worst 3 Months	-4.6%	-4.7%	-6.3%	-9.2%	-12.4%	-15.4%	-18.4%	-21.3%	-24.2%	-27.0%	-29.7%	-29.6%
Worst 6 Months	-4.1%	-4.7%	-8.1%	-13.1%	-17.8%	-22.2%	-26.5%	-30.6%	-34.6%	-38.3%	-41.9%	-41.8%
Worst 12 Months	-3.6%	-3.3%	-8.6%	-13.7%	-18.5%	-23.2%	-27.6%	-31.8%	-35.9%	-39.7%	-43.4%	-43.3%
Worst 36 Months Annualized	0.2%	1.6%	1.7%	-0.4%	-2.6%	-4.7%	-6.8%	-9.0%	-11.1%	-13.6%	-16.2%	-16.1%
Worst 60 Months Annualized	1.1%	2.5%	2.3%	1.2%	0.1%	-1.0%	-2.1%	-3.3%	-4.4%	-5.6%	-6.7%	-6.6%
Worst Drawdown	-4.7%	-5.5%	-8.9%	-14.2%	-19.8%	-25.9%	-31.7%	-37.0%	-42.0%	-46.7%	-51.0%	-50.9%

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