

Single Investment vs. Multi-Investment Portfolios



Example: In 1967, small stocks were the best performer

Year	SINGLE INVESTMENT PORTFOLIOS				MULTI-INVESTMENT	
	Large U.S. Stocks	Small U.S. Stocks	International Stocks	Int-Term Gov. Bonds	Aggressive Mix	Balanced Mix
1966	-10.06%	-7.01%	-4.00%	4.69%	-6.46%	-2.95%
1967	23.98%	83.57%	15.70%	1.01%	31.53%	19.51%
1968	11.06%	35.97%	31.70%	4.54%	20.55%	14.04%
1969	-8.50%	-25.05%	6.80%	-0.74%	-7.21%	-4.76%
1970	4.01%	-17.43%	-10.51%	16.86%	-2.62%	4.83%
1971	14.31%	16.50%	31.21%	8.72%	18.41%	14.83%
1972	18.98%	4.43%	37.60%	5.16%	19.34%	14.79%
1973	-14.66%	-30.90%	-14.17%	3.35%	-15.98%	-9.01%
1974	-26.47%	-19.95%	-22.15%	7.04%	-20.74%	-11.77%
1975	37.20%	52.82%	37.10%	8.33%	37.41%	27.20%
1976	23.64%	57.38%	2.54%	11.74%	23.92%	19.09%
1977	-7.44%	25.38%	18.06%	3.01%	6.54%	3.85%
1978	6.40%	23.46%	32.62%	2.24%	15.95%	10.38%
1979	18.61%	43.07%	4.75%	6.59%	18.84%	14.17%
1980	32.50%	38.60%	22.58%	6.65%	28.66%	21.28%
1981	-4.92%	2.03%	-2.28%	10.79%	-1.30%	2.46%
1982	21.55%	24.95%	-1.86%	25.42%	16.76%	19.93%
1983	22.56%	29.13%	23.69%	8.22%	22.72%	17.65%
1984	6.27%	-7.30%	7.38%	14.29%	4.64%	8.29%
1985	31.73%	31.05%	56.16%	18.00%	36.33%	29.83%
1986	18.67%	5.68%	69.44%	13.06%	28.20%	22.74%
1987	5.25%	-8.80%	24.63%	3.61%	7.12%	6.10%
1988	16.61%	25.02%	28.27%	6.40%	20.19%	15.12%
1989	31.69%	16.26%	10.54%	12.68%	21.42%	19.37%
1990	-3.10%	-19.48%	-23.45%	9.56%	-10.20%	-2.73%
1991	30.47%	46.04%	12.13%	14.11%	27.36%	22.73%
1992	7.62%	18.41%	-12.17%	6.93%	4.76%	5.45%
1993	10.08%	18.88%	32.56%	8.17%	17.27%	13.57%
1994	1.32%	-1.82%	7.78%	-1.75%	2.00%	0.75%
1995	37.58%	28.45%	11.21%	14.41%	26.84%	23.44%
1996	22.96%	16.49%	6.05%	4.06%	15.55%	12.22%
1997	33.36%	22.36%	1.78%	7.72%	20.70%	17.27%
1998	28.58%	-2.55%	20.00%	8.49%	18.20%	16.14%
1999	21.04%	21.26%	26.97%	0.49%	20.51%	13.73%
2000	-9.10%	-3.02%	-14.17%	10.47%	-7.19%	-1.42%
2001	-11.89%	2.49%	-21.44%	8.42%	-9.37%	-3.76%
2002	-22.10%	-20.48%	-15.94%	9.64%	-17.06%	-8.32%
2003	28.68%	47.25%	38.59%	2.29%	32.23%	21.47%
2004	10.88%	18.33%	20.25%	2.33%	13.86%	9.61%
2005	4.91%	4.55%	13.54%	1.68%	6.67%	4.88%
2006	15.79%	18.37%	26.34%	3.84%	17.75%	12.85%
2007	5.49%	-1.57%	11.17%	8.47%	5.80%	6.83%
2008	-37.00%	-33.79%	-43.38%	10.43%	-33.21%	-18.66%
2009	26.46%	27.17%	31.78%	-0.32%	25.25%	16.62%
2010	15.06%	26.85%	7.75%	4.98%	14.58%	11.11%
2011	2.11%	-4.18%	-12.14%	6.08%	-2.31%	0.93%
2012	16.00%	16.35%	17.32%	1.73%	14.97%	10.53%
2013	32.39%	38.82%	22.78%	-1.25%	27.91%	18.14%
2014	13.69%	4.89%	-4.90%	2.52%	6.17%	5.55%
2015	1.38%	-4.41%	-0.81%	1.18%	-0.35%	0.39%
2016	11.96%	21.31%	1.00%	1.05%	10.00%	6.89%
Return	9.72%	11.32%	9.02%	6.68%	10.06%	9.15%
Risk	17.03%	23.98%	21.29%	5.48%	15.65%	10.54%

Current year data source: Morningstar Advisor WorkstationSM, January, 2017. Data as of December 31, 2016. Revisions to data for prior periods occurred on the 2008 edition of the table, as a result of an attempt to better standardize the sources referenced. The revised data resulted in a change to the overall annualized **Return** and **Risk** deviation of no more than 4 and 2 basis points respectively, for any portfolio compared to data presented in tables published prior to 2008. The updates did not affect single investment "best performer" status when compared to any editions published prior to 2008. Large U.S. Stocks: Standard & Poors 500 Stock Index; Small U.S. Stocks: Ibbotson & Associates, 1966 - 1978, Russell 2000® Small Stock Index 1979 - 2016; International Stocks: Europe, Australia, Far East Stock Market Index (EAFE International Index), John L. Maginn & Donald L. Tuttle, *Managing Investment Portfolios* 1966 - 1969, MSCI EAFE® (Europe, Australasia, Far East) Index¹ 1970 - 2016; Intermediate-Term Government Bonds: Ibbotson & Associates 1966 - 1972, Barclays Capital Intermediate Government Bond Index² 1973 - 2016. The multi-investment alternatives represent the following mixes: Aggressive Mix: 45% Large U.S. Stocks, 20% Small U.S. Stocks, 25% International Stocks, and 10% Intermediate-Term Government Bonds; Balanced Mix: 35% Large U.S. Stocks, 10% Small U.S. Stocks, 15% International Stocks, and 40% Intermediate-Term Government Bonds. The representative Aggressive and Balanced mixes were rebalanced annually. Returns are compound annualized returns from 1966 through 2016. Risk is measured by the annualized standard deviation. Although data are gathered from reliable sources, Sigma Investment Management Company cannot guarantee completeness or accuracy. The numbers shown are for general market indices and do not reflect the composition or performance of Sigma portfolios or any recommendation of Sigma, nor do they take into account expenses, taxes or inflation. Past performance does not guarantee future results.

¹ MSCI, Inc., formerly Morgan Stanley Capital International/Barra.

² On November 3, 2008, Barclays Capital announced the rebranding of its unified family of indices under the Barclays Capital Indices name. The rebranding changes the name of the index from "Lehman Brothers" to "Barclays Capital".