

Periodic Table of Investment Returns

1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	20 Year	ST DEV
US Quality 45.51%	Emerging Markets 66.45%	US Real Estate 26.81%	US Small Value 14.02%	US Agg Bond 10.27%	Emerging Markets 55.82%	US Real Estate 31.47%	Emerging Markets 33.99%	US Real Estate 35.93%	Emerging Markets 39.40%	US Agg Bond 5.24%	Emerging Markets 78.50%	US Small Growth 29.08%	US Minimum Volatility 12.87%	Emerging Markets 18.21%	US Small Growth 43.29%	US Real Estate 30.37%	US Quality 7.04%	US Small Value 31.74%	Emerging Markets 35.96%	US Real Estate 8.89%	Emerging Markets 23.27%
US Large Growth 38.70%	US Small Growth 43.10%	US Small Value 22.78%	US Real Estate 12.83%	US Real Estate 3.65%	US Small Growth 48.53%	Emerging Markets 25.57%	Int'l Large Blend 13.56%	Emerging Markets 32.14%	US Large Growth 11.82%	Alternative Strategies -19.04%	US Large Growth 37.21%	US Real Estate 28.47%	US Real Estate 8.68%	US Small Value 18.05%	US Small Value 34.50%	US Minimum Volatility 16.54%	US Large Growth 5.68%	US Large Value 17.34%	US Large Growth 26.44%	US Quality 8.82%	US Small Growth 22.89%
US Large Blend 28.58%	US Large Growth 33.16%	US Agg Bond 11.63%	US Agg Bond 8.42%	Alternative Strategies 0.79%	US Small Value 46.02%	US Small Value 22.25%	US Real Estate 12.11%	Int'l Large Blend 26.35%	World Stock 11.65%	US Minimum Volatility -25.65%	World Stock 34.63%	US Small Value 24.51%	US Quality 8.40%	US Real Estate 17.78%	US Quality 33.51%	US Large Volatility 13.69%	US Minimum Volatility 5.64%	US Large Blend 11.96%	US Quality 26.00%	US Small Value 8.61%	US Real Estate 20.77%
US Minimum Volatility 23.01%	Alternative Strategies 27.32%	US Large Value 7.02%	Alternative Strategies 4.55%	Emerging Markets -6.18%	Int'l Large Blend 38.59%	Int'l Large Blend 20.24%	World Stock 10.84%	US Small Value 23.48%	Alternative Strategies 11.26%	US Small Value -28.93%	US Small Growth 34.47%	Emerging Markets 18.86%	US Agg Bond 7.86%	US Large Value 17.50%	US Large Growth 33.49%	US Large Value 13.46%	US Real Estate 2.52%	US Small Growth 11.32%	Int'l Large Blend 25.02%	US Minimum Volatility 8.18%	US Small Value 18.02%
Int'l Large Blend 19.97%	Int'l Large Blend 26.97%	Alternative Strategies 4.94%	Emerging Markets -2.61%	US Small Value -11.42%	US Real Estate 36.75%	US Large Value 16.49%	Alternative Strategies 8.43%	US Large Value 22.21%	Int'l Large Blend 11.18%	US Quality -30.19%	US Quality 32.04%	US Growth 16.72%	US Growth 2.63%	Int'l Large Blend 17.32%	US Large Value 32.54%	US Large Growth 13.06%	US Large Blend 1.41%	US Large Markets 11.19%	World Stock 23.96%	Emerging Markets 7.57%	US Large Growth 17.05%
World Stock 19.93%	World Stock 26.47%	US Minimum Volatility 2.83%	US Large Value -5.59%	US Minimum Volatility -15.31%	World Stock 34.01%	World Stock 15.24%	US Large Value 7.04%	World Stock 20.95%	US Quality 10.64%	US Large Value -36.85%	Int'l Large Blend 31.78%	US Large Value 15.51%	US Large Blend 2.12%	World Stock 16.13%	US Large Blend 32.41%	US Quality 11.81%	US Agg Bond 0.57%	US Volatility 10.67%	US Small Growth 22.16%	US Large Value 7.39%	Int'l Large Blend 16.59%
US Large Value 15.64%	US Large Blend 21.04%	US Large Blend -9.09%	US Minimum Volatility -7.82%	US Large Value -15.52%	US Large Value 30.03%	US Minimum Volatility 14.51%	US Minimum Volatility 6.62%	US Large Blend 15.79%	US Small Growth 7.04%	US Large Blend -36.99%	US Real Estate 28.61%	US Large Blend 15.05%	US Large Value 0.39%	US Large Blend 15.98%	US Large Volatility 25.33%	US Agg Bond 5.95%	Alternative Strategies -0.71%	US Real Estate 8.60%	US Large Blend 21.84%	US Large Blend 7.20%	World Stock 15.55%
US Agg Bond 8.67%	US Quality 20.15%	US Quality -9.42%	US Small Growth -9.23%	Int'l Large Blend -15.94%	US Large Growth 29.76%	US Small Growth 14.31%	US Large Growth 5.27%	US Minimum Volatility 14.96%	US Agg Bond 6.96%	US Real Estate -37.98%	US Large Blend 26.45%	US Minimum Volatility 14.70%	US Small Growth -2.92%	US Large Stock 15.26%	World Stock 22.84%	US Small Growth 5.62%	Int'l Large Blend -0.82%	US Quality 7.97%	US Volatility 19.18%	US Small Growth 6.72%	US Large Value 14.90%
US Small Growth 1.23%	US Minimum Blend 7.80%	Int'l Large Blend -14.16%	US Quality -9.42%	World Stock -19.22%	US Large Blend 28.69%	US Large Blend 10.87%	US Large Blend 4.89%	Alternative Strategies 13.38%	US Large Blend 5.50%	US Growth -38.43%	US Small Value 20.57%	World Stock 12.67%	Alternative Strategies -3.89%	US Small Value 14.59%	Int'l Large Blend 22.79%	US Small Value 4.22%	US Small Growth -1.39%	World Stock 7.86%	US Large Value 13.65%	US Large Growth 6.71%	US Large Value 14.84%
Alternative Strategies 1.21%	US Large Value 7.35%	World Stock -14.20%	US Large Blend -11.88%	US Quality -19.47%	US Quality 20.18%	US Quality 10.18%	US Small Value 4.70%	US Small Growth 13.35%	US Minimum Volatility 4.31%	US Small Growth -38.53%	US Large Value 19.69%	US Quality 12.65%	US Small Value -5.50%	US Quality 13.97%	Alternative Strategies 9.43%	World Stock 4.15%	World Stock -2.36%	US Large Growth 7.08%	Alternative Strategies 7.88%	Alternative Strategies 6.39%	US Quality 13.92%
US Small Value -6.43%	US Agg Bond -0.83%	US Large Growth -22.43%	World Stock -16.21%	US Large Blend -22.10%	US Minimum Volatility 19.98%	Alternative Strategies 9.35%	US Small Growth 4.15%	US Quality 12.02%	US Large Value -0.17%	World Stock -42.21%	Alternative Strategies 19.30%	Alternative Strategies 10.60%	World Stock -7.36%	US Minimum Volatility 11.19%	US Real Estate 2.47%	Alternative Strategies 3.56%	US Large Value -3.84%	Alternative Strategies 3.32%	US Small Value 7.84%	World Stock 5.99%	US Minimum Volatility 11.47%
US Real Estate -16.91%	US Small Value -1.49%	US Small Growth -22.44%	US Large Growth -20.42%	US Large Growth -27.89%	US Large Strategies 17.50%	US Large Growth 6.30%	US Quality 2.52%	US Large Growth 9.09%	US Small Value -9.77%	Int'l Large Blend -43.39%	US Minimum Volatility 18.36%	Int'l Large Blend 7.74%	Int'l Large Blend -12.13%	Alternative Strategies 7.02%	US Agg Bond -2.02%	Emerging Markets -2.19%	US Large Value -7.47%	US Agg Bond 2.65%	US Real Estate 5.09%	Int'l Large Blend 5.25%	Alternative Strategies 6.22%
Emerging Markets -27.52%	US Real Estate -4.54%	Emerging Markets -30.83%	Int'l Large Blend -21.45%	US Small Growth -30.27%	US Agg Bond 4.11%	US Agg Bond 4.34%	US Agg Bond 2.43%	US Agg Bond 4.33%	US Real Estate -16.81%	Emerging Markets -53.33%	US Agg Bond 5.93%	US Agg Bond 6.56%	US Markets -18.42%	US Agg Bond 4.23%	Emerging Markets -2.62%	Int'l Large Blend -4.89%	Emerging Markets -14.91%	Int'l Large Blend 1.00%	US Agg Bond 3.55%	US Agg Bond 4.99%	US Agg Bond 3.36%

CATEGORY	INDEX	SOURCE
US Large Cap Blend	S&P 500 TR USD	MORNINGSTAR
US Large Cap Value	RUSSELL 1000 VALUE TR USD	MORNINGSTAR
US Large Cap Growth	RUSSELL 1000 GROWTH TR USD	MORNINGSTAR
US Small Cap Value	RUSSELL 2000 VALUE TR USD	MORNINGSTAR
US Small Cap Growth	RUSSELL 2000 GROWTH TR USD	MORNINGSTAR
Int'l Large Blend	MSCI EAFE NR USD	MORNINGSTAR
Emerging Markets	MSCI EM PR USD / MSCI EM NR USD	MORNINGSTAR
US Real Estate	MSCI US REIT GR USD	MORNINGSTAR
US Minimum Volatility	MSCI USA MINIMUM VOLATILITY GR USD	MSCI.COM
US Quality	MSCI USA QUALITY GR USD	MSCI.COM
World Stock	MSCI ACWI PR USD / MSCI ACWI NR USD	MORNINGSTAR
US Aggregate Bond	BARCLAYS US AGG BOND TR USD	MORNINGSTAR
Alternative Strategies	50% CREDIT SUISSE HEDGE FUND USD	MORNINGSTAR
	50% HFRI FUND WEIGHTED COMPOSITE INDEX	HFRCOM