



PERIODIC TABLE OF MARKET RETURNS

OCTOBER

2017

The following table represents the calendar year returns for a variety of stock market and bond market indexes. In each calendar year, the best performing index is at the top and the worst performer at the bottom of each column. Indexes are ranked each year by their performance. Anything above the black horizontal line was positive for the year and anything below the line is negative. The purpose is to show the wide variations global investment markets experience on a year to year basis and how, frequently, bottom performing indexes in one period are top performers in the subsequent periods.

2008	2009	2010	2011	2012	2013	2014	2015	2016	2017 YTD
	Emerging Eq. 78.51%	Russell 2000 26.86%							
	Intl Small Cap 47.32%	Intl Small Cap 22.40%		Real Estate 27.73%				Russell 2000 21.31%	Emerging Eq. 32.26%
	High Yield 46.06%	Real Estate 19.63%		Intl Small Cap 20.42%				High Yield 14.72%	Intl Small Cap 27.98%
	Real Estate 37.13%	Emerging Eq. 18.88%		Emerging Eq. 18.22%				Russell 1000 12.05%	Intl Eq. 21.78%
	Intl Eq. 31.78%	Commodities 16.83%		Intl Eq. 17.32%				Commodities 11.77%	Global Infrastructure 18.26%
	Global Eq. 29.99%	Russell 1000 16.10%		Emerging Debt 16.76%	Russell 2000 38.82%	Real Estate 15.02%		Global Infrastructure 11.45%	Global Eq. 18.21%
	Russell 1000 28.43%	Emerging Debt 15.68%		Russell 1000 16.42%	Russell 1000 33.11%	Russell 1000 13.24%		Emerging Eq. 11.19%	Russell 1000 16.78%
	Russell 2000 27.17%	High Yield 14.26%		Russell 2000 16.35%	Intl Small Cap 29.69%	Global Infrastructure 12.12%		Emerging Debt 9.94%	Russell 2000 11.89%
	S&P 500 Buywrite 25.92%	Global Eq. 11.76%		Global Eq. 15.83%	Global Eq. 26.68%	Barclays Agg 5.97%		Global Eq. 7.51%	Emerging Debt 11.06%
	Global Infrastructure 24.04%	Intl Eq. 7.75%	Barclays Agg 7.84%	High Yield 14.59%	Intl Eq. 22.78%	S&P 500 Buywrite 5.64%	Intl Small Cap 9.94%	S&P 500 Buywrite 7.07%	S&P 500 Buywrite 10.58%
	Emerging Debt 21.98%	Barclays Agg 6.54%	Muni Bond 7.62%	Global Infrastructure 10.90%	Global Infrastructure 14.00%	Global Eq. 4.94%	S&P 500 Buywrite 5.24%	Real Estate 4.06%	High Yield 7.05%
	Commodities 18.91%	S&P 500 Buywrite 5.86%	S&P 500 Buywrite 5.72%	S&P 500 Buywrite 5.21%	S&P 500 Buywrite 13.26%	Russell 2000 4.89%	Muni Bond 2.45%	Barclays Agg 2.65%	Real Estate 6.01%
Barclays Agg 5.24%	Muni Bond 7.18%	Global Infrastructure 4.80%	High Yield 5.39%	Barclays Agg 4.22%	High Yield 6.31%	Muni Bond 4.66%	Russell 1000 0.92%	Intl Small Cap 2.55%	Muni Bond 3.79%
Muni Bond 4.23%	Barclays Agg 5.93%	Muni Bond 3.13%	Russell 1000 1.50%	Muni Bond 3.56%	Real Estate 3.67%	High Yield 3.49%	Barclays Agg 0.55%	Intl Eq. 1.00%	Barclays Agg 3.20%
Emerging Debt -5.22%			Global Infrastructure -1.30%	Commodities -1.06%	Muni Bond -0.32%	Emerging Eq. -2.19%	Real Estate -0.79%	Muni Bond -0.10%	Commodities -0.79%
High Yield -23.31%			Emerging Debt -1.75%		Barclays Agg -2.02%	Intl Small Cap -4.63%	Intl Eq. -0.81%		
S&P 500 Buywrite -28.66%			Russell 2000 -4.18%		Emerging Eq. -2.60%	Intl Eq. -4.90%	Global Eq. -0.87%		
Russell 2000 -33.79%			Global Eq. -5.54%		Emerging Debt -8.98%	Emerging Debt -5.72%	High Yield -2.79%		
Commodities -35.65%			Real Estate -6.46%		Commodities -9.52%	Commodities -17.01%	Russell 2000 -4.41%		
Russell 1000 -37.60%			Intl Eq. -12.14%				Global Infrastructure -12.17%		
Global Infrastructure -39.49%			Commodities -13.32%				Emerging Eq. -14.92%		
Global Eq. -40.71%			Intl Small Cap -15.66%				Emerging Debt -14.92%		
Intl Eq. -43.38%			Emerging Eq. -18.42%				Commodities -24.66%		
Intl Small Cap -46.78%									
Real Estate -48.16%									
Emerging Eq. -53.33%									



ANNUALIZED MARKET RETURNS

QUARTER 3

2017

Last 3 Months 7/1/2017 - 9/30/2017	Year to Date 1/1/2017 - 9/30/2017	1 Year 10/1/2016 - 9/30/2017	3 Years (ann.) 10/1/2014 - 9/30/2017	5 Years (ann.) 10/1/2012 - 9/30/2017	10 Years (ann.) 10/1/2007 - 9/30/2017	15 Years (ann.) 10/1/2002 - 9/30/2017
Emerging Eq 7.89%						
Intl Small Cap 7.52%	Emerging Eq 27.73%	Emerging Eq 22.46%	Russell 2000 12.18%		Russell 2000 7.85%	
Russell 2000 5.67%	Intl Small Cap 25.84%	Intl Small Cap 22.29%	Intl Small Cap 11.53%	Russell 1000 14.27%	Russell 1000 7.55%	
Intl Eq 5.40%	Intl Eq 19.96%	Russell 2000 20.74%	Russell 1000 10.63%	Russell 2000 13.79%	High Yield 7.25%	Emerging Eq 12.49%
Global Eq 4.84%	Global Infrastructure 17.18%	Intl Eq 19.10%	Global Eq 7.69%	Intl Small Cap 13.23%	Intl Small Cap 5.00%	Intl Small Cap 12.17%
Russell 1000 4.48%	Global Eq 16.01%	Russell 1000 18.54%	S&P 500 Buywrite 7.10%	Global Eq 10.99%	S&P 500 Buywrite 4.84%	Russell 2000 11.37%
Emerging Debt 3.55%	Emerging Debt 14.28%	Global Eq 18.17%	Real Estate 5.87%	Global Infrastructure 8.44%	Barclays Agg 4.27%	Global Infrastructure 10.74%
Global Infrastructure 2.95%	Russell 1000 14.17%	S&P 500 Buywrite 12.84%	High Yield 5.79%	Intl Eq 8.38%	Global Eq 4.22%	Russell 1000 10.29%
S&P 500 Buywrite 2.54%	Russell 2000 10.94%	Global Infrastructure 12.16%	Intl Eq 5.04%	S&P 500 Buywrite 7.64%	Emerging Debt 3.80%	Global Eq 9.01%
Commodities 2.52%	S&P 500 Buywrite 9.93%	High Yield 7.91%	Global Infrastructure 5.02%	Real Estate 6.73%	Muni Bond 3.77%	High Yield 8.44%
High Yield 1.94%	High Yield 6.57%	Emerging Debt 7.32%	Emerging Eq 4.90%	High Yield 6.15%	Global Infrastructure 2.71%	Intl Eq 8.26%
Real Estate 1.61%	Real Estate 6.53%	Muni Bond 1.00%	Barclays Agg 2.71%	Emerging Eq 3.99%	Real Estate 1.79%	S&P 500 Buywrite 7.35%
Barclays Agg .85%	Muni Bond 3.72%	Real Estate .57%	Muni Bond 2.20%	Muni Bond 2.12%	Intl Eq 1.37%	Barclays Agg 4.23%
Muni Bond .73%	Barclays Agg 3.14%	Barclays Agg .07%	Emerging Debt .26%	Barclays Agg 2.03%	Emerging Eq 1.32%	Muni Bond 3.57%
	Commodities -2.87%	Commodities -2.29%	Commodities -10.41%	Emerging Debt -9.1%	Commodities -6.83%	Commodities -3.1%
				Commodities -10.47%		

Source: Morningstar

Indexes: Barclays Municipal 1-10Y Blend 1-12Y TR, Barclays US Agg Bond TR USD, BofAML US HY BB-B Constrained TR USD, CBOE S&P 500 Buywrite BXM, DJ UBS Commodity TR USD, FTSE EPRA/NAREIT Developed NR USD, JPM GBI EM Global Diversified TR USD, MSCI EAFE NR USD, MSCI EAFE Small Cap GR USD, MSCI EM NR USD, MSCI World NR USD, Russell 1000 TR USD, Russell 2000 TR USD, and S&P Global Infrastructure NR USD.

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