

PERIODIC TABLE OF INVESTMENT RETURNS

ANNUAL RETURNS FOR ASSET CLASSES (1997–2016) RANKED IN ORDER OF PERFORMANCE (BEST TO WORST)

1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
LCV	LCG	MCG	SCV	SCV	FI	SCG	GRE	GRE	GRE	LCG	FI	MCG	SCG	FI	GRE	SCG	GRE	LCG	SCV
35.18%	38.71%	51.29%	22.83%	14.02%	10.25%	48.54%	36.56%	14.84%	40.26%	11.81%	5.24%	46.29%	29.09%	7.84%	28.94%	43.30%	15.19%	5.67%	31.74%
MCV	LC	SCG	MCV	FI	GRE	SC	MCV	INTL	INTL	MCG	SCV	MC	SC	LCG	MCV	SC	MCV	LC	SC
34.37%	27.02%	43.09%	19.18%	8.44%	2.84%	47.25%	23.71%	13.54%	26.34%	11.43%	-28.92%	40.48%	26.85%	2.64%	18.51%	38.82%	14.75%	0.92%	21.31%
LC	INTL	LCG	GRE	SC	MCV	SCV	SCV	MCV	SCV	INTL	SC	GRE	MCG	LC	SCV	MCG	LCV	GRE	MCV
32.85%	20.00%	33.16%	13.21%	2.49%	-9.64%	46.03%	22.25%	12.65%	23.48%	11.17%	-33.79%	37.66%	26.38%	1.50%	18.05%	35.74%	13.45%	0.87%	20.00%
SCV	MCG	INTL	FI	MCV	SCV	MCG	INTL	MC	LCV	SCG	LCV	LCG	MC	LCV	LCV	MC	LC	FI	LCV
31.78%	17.86%	26.96%	11.63%	2.33%	-11.43%	42.71%	20.25%	12.65%	22.25%	7.05%	-36.85%	37.21%	25.48%	0.39%	17.51%	34.76%	13.24%	0.55%	17.34%
LCG	LCV	SC	MC	GRE	LCV	GRE	MC	MCG	MCV	FI	LC	SCG	MCV	MCV	INTL	SCV	MC	MCG	MC
30.49%	15.63%	21.26%	8.25%	1.62%	-15.52%	41.12%	20.22%	12.10%	20.22%	6.97%	-37.60%	34.47%	24.75%	-1.38%	17.32%	34.52%	13.22%	-0.20%	13.80%
MC	MC	LC	LCV	LCV	INTL	MC	SC	LCV	SC	LC	LCG	MCV	SCV	MC	MC	LCG	LCG	INTL	LC
29.01%	10.09%	20.91%	7.01%	-5.59%	-15.94%	40.06%	18.33%	7.05%	18.37%	5.77%	-38.44%	34.21%	24.50%	-1.55%	17.28%	33.48%	13.05%	-0.81%	12.05%
MCG	FI	MC	SC	MC	MC	INTL	LCV	LC	LC	MC	MCV	INTL	GRE	MCG	LC	MCV	MCG	SCG	SCG
22.54%	8.69%	18.23%	-3.02%	-5.62%	-16.19%	38.59%	16.49%	6.27%	15.46%	5.60%	-38.44%	31.78%	21.52%	-1.65%	16.42%	33.46%	11.90%	-1.38%	11.32%
SC	MCV	LCV	LC	SCG	SC	MCV	MCG	LCG	MC	LCV	SCG	LC	LCG	SCG	SC	LC	FI	MC	MCG
22.36%	5.08%	7.35%	-7.79%	-9.23%	-20.48%	38.07%	15.48%	5.26%	15.26%	-0.17%	-38.54%	28.43%	16.71%	-2.91%	16.35%	33.11%	5.97%	-2.44%	7.33%
SCG	SCG	GRE	MCG	LC	LC	LCV	SCG	SCV	SCG	MCV	MC	SC	LC	SC	MCG	LCV	SCG	LCV	LCG
12.95%	1.23%	4.71%	-11.75%	-12.45%	-21.65%	30.03%	14.31%	4.71%	13.35%	-1.42%	-41.46%	27.17%	16.10%	-4.18%	15.81%	32.53%	5.60%	-3.83%	7.08%
FI	SC	MCV	INTL	MCG	MCG	LC	LC	SC	MCG	SC	INTL	SCV	LCV	SCV	LCG	INTL	SC	SC	GRE
9.65%	-2.55%	-0.11%	-14.17%	-20.15%	-27.41%	29.89%	11.40%	4.55%	10.66%	-1.57%	-43.38%	20.58%	15.51%	-5.50%	15.26%	22.78%	4.89%	-4.41%	5.37%
INTL	SCV	FI	LCG	LCG	LCG	LCG	LCG	SCG	LCG	GRE	MCG	LCV	INTL	GRE	SCG	GRE	SCV	MCV	FI
1.78%	-6.45%	-0.82%	-22.42%	-20.42%	-27.88%	29.75%	6.30%	4.15%	9.07%	-7.27%	-44.32%	19.69%	7.75%	-5.55%	14.59%	5.87%	4.22%	-4.78%	2.65%
GRE	GRE	SCV	SCG	INTL	SCG	FI	FI	FI	FI	SCV	GRE	FI	FI	INTL	FI	FI	INTL	SCV	INTL
-10.08%	-13.27%	-1.49%	-22.43%	-21.44%	-30.26%	4.10%	4.34%	2.43%	4.33%	-9.78%	-47.61%	5.93%	6.54%	-12.14%	4.22%	-2.02%	-4.90%	-7.47%	1.00%

Large Cap (LC)—Russell 1000® Index. Measures the performance of the 1,000 largest companies in the Russell 3000® Index, which represents approximately 92% of the total market capitalization of the Russell 3000® Index.

Large Cap Growth (LCG)—Russell 1000® Growth Index. Measures the performance of those Russell 1000® companies with higher price-to-book ratios and higher forecasted growth values.

Large Cap Value (LCV)—Russell 1000® Value Index. Measures the performance of those Russell 1000® companies with lower price-to-book ratios and lower forecasted growth values.

Global Real Estate (GRE)—S&P Developed Property Net Index. Defines and measures the investable universe of publicly traded property companies domiciled in developed markets.

Mid Cap (MC)—Russell Midcap® Index. Measures the performance of the 800 smallest companies in the Russell 1000® Index, which represent approximately 30% of the total market capitalization of the Russell 1000® Index.

Mid Cap Growth (MCG)—Russell Midcap® Growth Index. Measures the performance of those Russell Midcap™ companies with higher price-to-book ratios and higher forecasted growth values. The stocks are also members of the Russell 1000® Growth index.

Mid Cap Value (MCV)—Russell Midcap® Value Index. Measures the performance of those Russell Midcap companies with lower price-to-book ratios and lower forecasted growth values. The stocks are also members of the Russell 1000® Value index.

Small Cap (SC)—Russell 2000® Index. Measures the performance of the 2,000 smallest companies in the Russell 3000® Index, which represents approximately 8% of the total market capitalization of the Russell 3000® Index.

Small Cap Growth (SCG)—Russell 2000® Growth Index. Measures the performance of those Russell 2000 companies with higher price-to-book ratios and higher forecasted growth values.

Small Cap Value (SCV)—Russell 2000® Value Index. Measures the performance of those Russell 2000 companies with lower price-to-book ratios and lower forecasted growth values.

International (INTL)—Morgan Stanley Capital International Europe, Australasia, Far East Index—MSCI EAFE® Index. This is a weighted, unmanaged index of performance that reflects stock price movements within Europe, Australasia, and the Far East.

Fixed Income (FI)—Bloomberg Barclays Aggregate Bond Index. This is a market value-weighted index that includes U.S. government, corporate, mortgage-backed securities, and asset-backed securities.

These indexes are unmanaged. An investment cannot be made directly in an index.

Source: Lipper Inc., Prudential Financial, Morningstar Direct, 1/2017.

ASSET ALLOCATION RISK AND REWARD

ANNUAL RETURNS 1987–2016

ASSET ALLOCATION DOES NOT ASSURE A PROFIT OR PROTECT AGAINST LOSS IN DECLINING MARKETS.

	100% Stocks	100% Bonds	100% Cash	90% Stocks 0% Bonds 10% Cash	80% Stocks 10% Bonds 10% Cash	70% Stocks 20% Bonds 10% Cash	60% Stocks 30% Bonds 10% Cash	50% Stocks 40% Bonds 10% Cash	40% Stocks 50% Bonds 10% Cash	30% Stocks 60% Bonds 10% Cash	20% Stocks 70% Bonds 10% Cash	10% Stocks 80% Bonds 10% Cash	0% Stocks 90% Bonds 10% Cash
Average Returns All Years	10.16%	6.34%	3.23%	9.56%	9.27%	8.95%	8.60%	8.23%	7.84%	7.42%	6.98%	6.51%	6.03%
Standard Deviation	15.08%	3.95%	0.73%	13.57%	12.12%	10.68%	9.27%	7.89%	6.58%	5.36%	4.34%	3.67%	3.57%
Average Gain	17.25%	7.38%	3.26%	15.81%	14.70%	13.07%	12.04%	11.02%	10.08%	8.87%	7.84%	7.15%	6.96%
Average Loss	-16.65%	-1.92%	N/A	-14.68%	-12.29%	-12.44%	-9.64%	-6.95%	-4.67%	-3.76%	-3.12%	-0.95%	-1.45%
Largest Gain (Year)	37.43% (1995)	18.47% (1995)	8.37% (1989)	33.90% (1995)	31.95% (1995)	30.02% (1995)	28.12% (1995)	26.23% (1995)	24.37% (1995)	22.53% (1995)	20.71% (1995)	18.91% (1995)	17.13% (1995)
Largest Loss (Year)	-37.00% (2008)	-2.92% (1994)	N/A	-33.71% (2008)	-30.07% (2008)	-26.28% (2008)	-22.33% (2008)	-18.22% (2008)	-13.94% (2008)	-9.50% (2008)	-4.88% (2008)	-1.80% (1994)	-2.25% (1994)
Returns Greater Than Inflation	77%	80%	60%	77%	77%	80%	80%	80%	80%	83%	87%	77%	80%
Percent of Years Positive	83%	90%	100%	83%	83%	87%	87%	87%	87%	90%	93%	93%	90%
Percent of Years Negative	17%	10%	0%	17%	17%	13%	13%	13%	13%	10%	7%	7%	10%

Consider a fund's investment objectives, risks, charges, and expenses carefully before investing. The prospectus and summary prospectus contain this and other information about the fund. Contact your financial professional for a prospectus and summary prospectus. Read them carefully before investing.

Source: Ibbotson Associates, Inc., Prudential Financial, and Callan Associates Inc., 1/2017. All rights reserved. Ibbotson Associates, Inc. is a registered investment advisor and wholly owned subsidiary of Morningstar, Inc. The Ibbotson name and logo are either trademarks or service marks of Ibbotson Associates, Inc. Stock returns are based on the S&P 500 Index, providing a broad indicator of stock price movements. Bond returns are measured by the Bloomberg Barclays Aggregate Bond Index, which includes U.S. government, corporate, mortgage-backed securities, and asset-backed securities. Cash returns comprise one-month Treasury bill returns. Return figures for the indexes do not reflect any fees or expenses. Inflation is measured by the CPI-U. Please note that U.S. government bonds and U.S. Treasury bills are backed by the full faith and credit of the U.S. government, are less volatile than equity investments, and provide a guaranteed return of principal at maturity. Fixed income investments are subject to interest rate risk, and their value will decline as interest rates rise. Standard deviation depicts how widely returns vary around its average and is used to understand the range of returns most likely for a given fund. A higher standard deviation generally implies greater volatility. The information in the chart above is not intended to imply the future performance of any of the investments mentioned. Past performance is no guarantee of future results. An investment cannot be made directly in an index or average. All indexes and averages are unmanaged. Mutual funds are distributed by Prudential Investment Management Services LLC, a Prudential Financial company and member SIPC. ©2017 Prudential Financial, Inc. and its related entities. The Prudential logo and Rock symbol are service marks of Prudential Financial, Inc. and its related entities, registered in many jurisdictions worldwide.

These materials are for informational or educational purposes only. The information is not intended as investment advice and is not a recommendation about managing or investing your retirement savings. In providing these materials PGIM Investments is not acting as your fiduciary as defined by the Department of Labor.

MUTUAL FUNDS • Are not insured by the FDIC or any federal government agency • May lose value • Are not a deposit of or guaranteed by any bank or any bank affiliate

