

MSCI USA Minimum Volatility Index

(USD)

MSCI

Indices

The **MSCI USA Minimum Volatility Index** aims to reflect the performance characteristics of a minimum variance strategy applied to the large and mid cap USA equity universe. The index is calculated by optimizing the MSCI USA Index, its parent index, for the lowest absolute risk (within a given set of constraints). Historically, the index has shown lower beta and volatility characteristics relative to the MSCI USA Index.

Cumulative Index Performance — Gross Returns (Dec 1998 – Apr 2012) — USD



Annual Performance (%)

Year	MSCI USA Min Vol	USA
2011	12.87	1.99
2010	14.70	15.45
2009	18.36	27.14
2008	-27.52	-37.14
2007	5.43	6.03
2006	12.41	15.32
2005	5.77	5.72
2004	14.01	10.71
2003	19.00	29.11
2002	-15.69	-22.71
2001	-6.45	-12.03
2000	6.03	-12.54
1999	7.31	22.38

Index Performance — Gross Returns (%) (April 30, 2012)

	1 Mo	3 Mo	1 Yr	YTD	Annualized			Since Dec 31, 1998
					3 Yr	5 Yr	10 Yr	
MSCI USA Min Vol	1.37	6.26	11.88	7.82	20.62	3.72	5.59	4.62
USA	-0.60	7.10	4.74	12.14	19.61	1.21	4.86	2.66

Fundamentals (April 30, 2012)

Div Yld (%)	P/E	P/E Fwd	P/BV
2.73	18.09	14.31	2.91
2.07	15.15	12.04	2.29

Index Risk and Return Characteristics (December 31, 1998 – April 30, 2012)

	Beta	Tracking Error	Turnover	Annualized Std Dev (%) ¹				Sharpe Ratio ^{1,2}			
				3 Yr	5 Yr	10 Yr	Since Dec 31, 1998	3 Yr	5 Yr	10 Yr	Since Dec 31, 1998
MSCI USA Min Vol	0.68	0.07	0.21	10.48	14.87	12.26	12.06	1.83	0.22	0.33	0.20
USA	1.00	0.00	0.03	15.72	19.05	15.96	16.14	1.21	0.08	0.24	0.07

¹Based on monthly gross return data

²Based on BBA LIBOR 1M

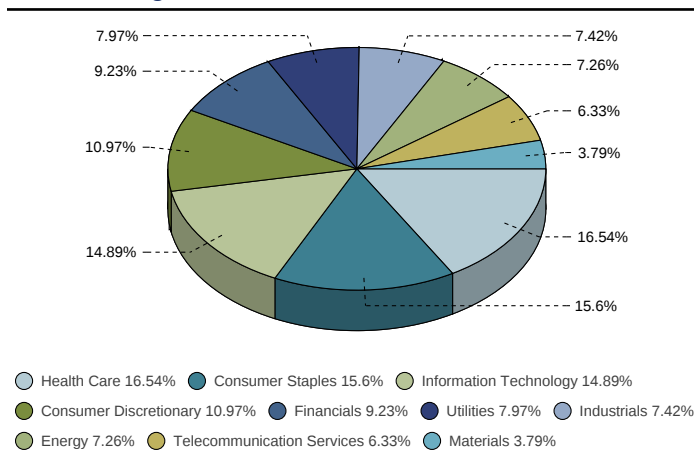
Index Characteristics

	MSCI USA Min Vol	USA
Number of Constituents	125	584
Weight (%)		
Largest	1.8	4.1
Smallest	3.43bps	0.79bps
Average	80.00bps	17.12bps
Median	73.58bps	7.72bps

Top 10 Constituents

	Country	Index Wt.%	Parent Sector Index Wt.%	Sector Wt.%
ECOLAB	US	1.82	0.15	Materials
O'REILLY AUTOMOTIVE	US	1.78	0.10	Cons Discr
MICROSOFT CORP	US	1.72	1.85	Info Tech
ABBOTT LABORATORIES	US	1.57	0.74	Health Care
AT&T	US	1.55	1.49	Telecom Srvcs
LILLY (ELI) & CO	US	1.51	0.33	Health Care
COCA-COLA CO	US	1.51	1.19	Cons Staples
AUTOMATIC DATA PROCESS	US	1.50	0.21	Info Tech
AMERICAN TOWER CORP	US	1.50	0.20	Financials
VERIZON COMMUNICATIONS	US	1.50	0.87	Telecom Srvcs
Total		15.96	7.13	

Sector Weights



Index Methodology

The MSCI Minimum Volatility Indices are designed to provide the lowest return variance for a given covariance matrix of stock returns. Each MSCI Minimum Volatility Index is calculated using Barra Optimizer to optimize a given MSCI parent index for the lowest absolute volatility with a certain set of constraints. These constraints help maintain index replicability and investability and include index turnover limits, for example, along with minimum and maximum constituent, sector and/or country weights relative to the parent index. Each Minimum Volatility Index is rebalanced (or is re-optimized) semi-annually in May and November. Indices may also be optimized for various currencies.

¹As of June 30, 2011, based on eVestment, Lipper and Bloomberg data.