

QUARTERLY PERFORMANCE

U.S. MID CAP GROWTH INDEX

QUARTER ENDING
12-31-18

TICKER SYMBOL
CRSPMIG1

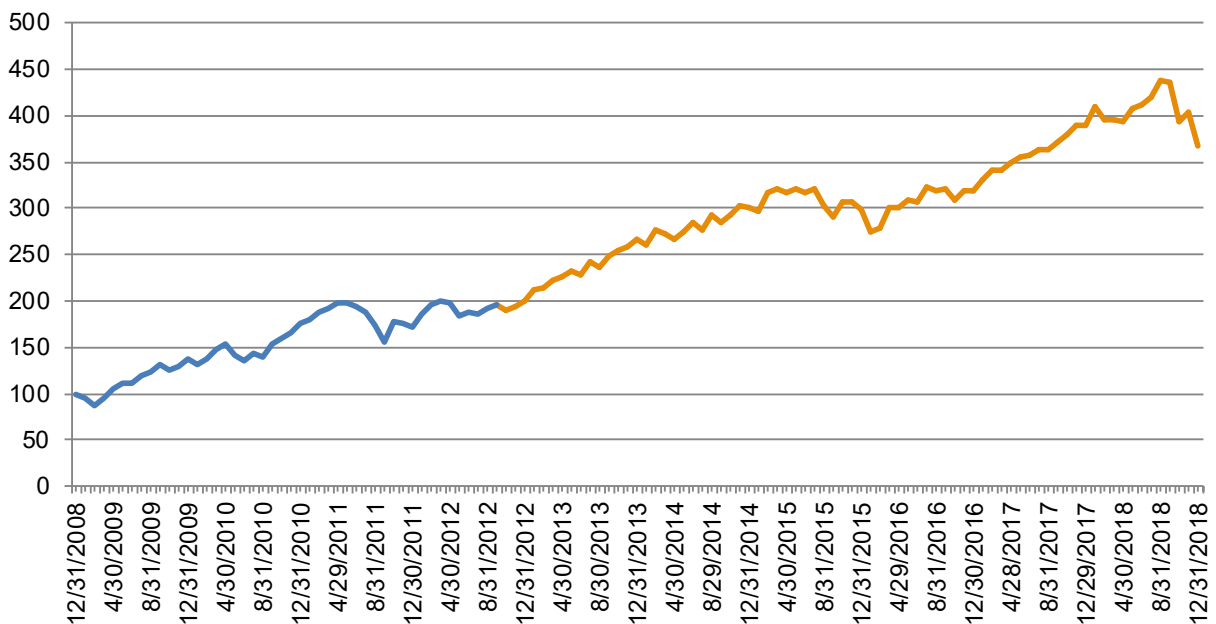
ABOUT THE CRSP U.S. MID CAP GROWTH INDEX

The Center for Research in Security Prices (CRSP) is the recognized leading provider of research-quality, historical market data and returns. Founded in 1960 to develop the first definitive measurement of long-run market returns, CRSP has long been an integral part of the academic and commercial world of financial and economic research. Since its inception, CRSP has partnered with the investment industry to develop and maintain databases and market indexes that are widely used by academics and commercial practitioners.

The CRSP U.S. Growth Style Indexes are part of CRSP's investable index family. Once securities are assigned to a size-based market cap index, they are made eligible for assignment to a growth or value index using CRSP's multifactor model.

CRSP classifies growth securities using the following factors: future long-term growth in earnings per share (EPS), future short-term growth in EPS, 3-year historical growth in EPS, 3-year historical growth in sales per share, current investment-to-assets ratio, and return on assets.

10-YEAR CUMULATIVE INDEX LEVELS AS OF DECEMBER 2018



*Based on backtest data through September 7, 2012

INVESTMENT PERFORMANCE STATISTICS - TOTAL RETURNS (%)

PERFORMANCE COMPARISON* AS OF DECEMBER 31, 2018

*Based on backtest data through March 31, 2011

	ACTUAL (%)			ANNUALIZED* (%)				
	1 MONTH	3 MONTH	YTD RETURN	1 YEAR	3 YEAR	5 YEAR	10 YEAR	SINCE 6/29/01
TOTAL RETURN	-9.10	-15.82	-5.57	-5.57	7.13	6.70	13.90	7.44
PRICE RETURN	-9.18	-16.03	-6.37	-6.37	6.19	5.79	12.88	6.52

DESCRIPTIVE STATISTICS

TOP 10 CONSTITUENTS

SECURITY NAME	TICKER	FTSE ICB INDUSTRY SECTOR	INDEX MKT CAP (\$ MILLIONS)	CURRENT WEIGHT (%)
EDWARDS LIFESCIENCES COMPANY	EW	HEALTH CARE	32,020	1.72
RED HAT INC	RHT	TECHNOLOGY	31,008	1.66
FISERV INC	FISV	INDUSTRIALS	29,284	1.57
AUTODESK INC	ADSK	TECHNOLOGY	28,116	1.51
ROPER TECHNOLOGIES INC	ROP	INDUSTRIALS	27,566	1.48
AMPHENOL CORPORATION	APH	INDUSTRIALS	24,414	1.31
WORLDPAY INC	WP	INDUSTRIALS	23,071	1.24
MOODYS CORPORATION	MCO	FINANCIALS	22,807	1.22
CENTENE CORPORATION	CNC	HEALTH CARE	22,494	1.21
ONEOK INC	OKE	OIL & GAS	22,193	1.19

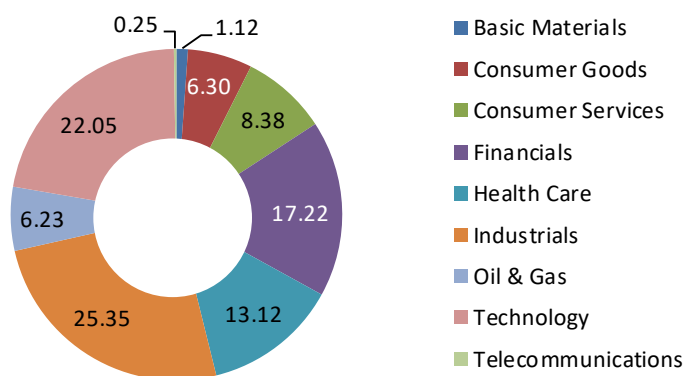
MARKET CAP STRUCTURE

CURRENT (\$ MILLIONS)

INDEX MARKET CAP	1,866,245
LARGEST COMPANY	32,020
SMALLEST COMPANY	572
MEDIAN COMPANY	10,773
AVERAGE COMPANY	11,175
NUMBER OF COMPANIES	167
% WEIGHT LARGEST COMPANY	1.72

FTSE INDUSTRY CLASSIFICATION BENCHMARK SECTOR ALLOCATION

CURRENT WEIGHT % WITHIN CRSPMIG1



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The historical performance statistics of CRSP's market cap indexes are based upon 10 years of backtest data from January 1, 2001 through March 31, 2011. Subsequent backtesting was completed with June 29, 2001 as the start date in order to align with the value and growth style indexes. As is common industry practice, CRSP backtest data does not include float shares. Descriptive statistics are based upon current index constituents. Backtest results are not indicative of future performance.

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