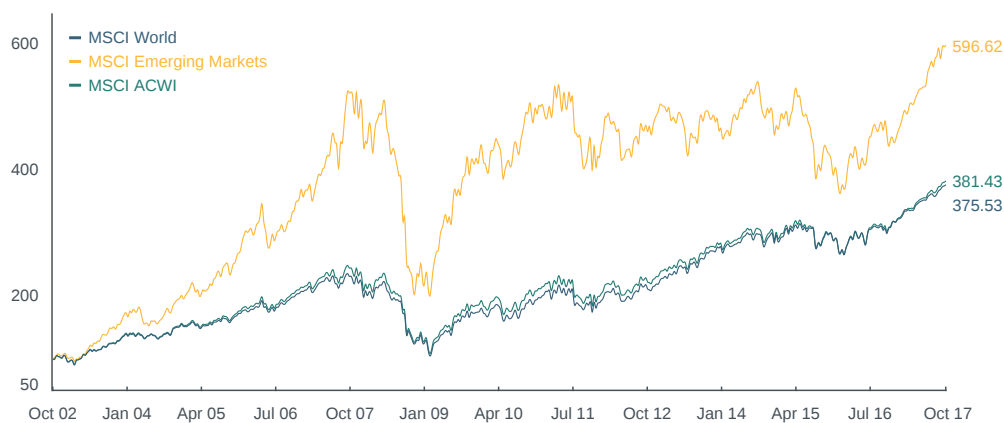


MSCI WORLD INDEX (USD)

The MSCI World Index captures large and mid cap representation across 23 Developed Markets (DM) countries*. With 1,652 constituents, the index covers approximately 85% of the free float-adjusted market capitalization in each country.

CUMULATIVE INDEX PERFORMANCE - GROSS RETURNS (USD) (OCT 2002 – OCT 2017)



ANNUAL PERFORMANCE (%)

Year	MSCI World	MSCI Emerging Markets	MSCI ACWI
2016	8.15	11.60	8.48
2015	-0.32	-14.60	-1.84
2014	5.50	-1.82	4.71
2013	27.37	-2.27	23.44
2012	16.54	18.63	16.80
2011	-5.02	-18.17	-6.86
2010	12.34	19.20	13.21
2009	30.79	79.02	35.41
2008	-40.33	-53.18	-41.85
2007	9.57	39.82	12.18
2006	20.65	32.55	21.53
2005	10.02	34.54	11.37
2004	15.25	25.95	15.75
2003	33.76	56.28	34.63

INDEX PERFORMANCE — GROSS RETURNS (%) (OCT 31, 2017)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED			
					3 Yr	5 Yr	10 Yr	Since Dec 31, 1987
MSCI World	1.92	4.44	23.46	18.76	8.75	12.19	4.69	7.96
MSCI Emerging Markets	3.51	5.46	26.91	32.64	6.08	5.21	0.93	11.28
MSCI ACWI	2.10	4.56	23.86	20.22	8.51	11.40	4.26	7.96

FUNDAMENTALS (OCT 31, 2017)

Div Yld (%)	P/E	P/E Fwd	P/BV
2.35	21.33	16.94	2.42
2.22	15.79	12.74	1.80
2.33	20.49	16.31	2.32

INDEX RISK AND RETURN CHARACTERISTICS (OCT 31, 2017)

	Turnover (%) ¹	ANNUALIZED STD DEV (%) ²			SHARPE RATIO ^{2,3}			Since Dec 31, 1987	MAXIMUM DRAWDOWN (%)	Period YYYY-MM-DD
		3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr			
MSCI World	2.51	10.46	9.85	16.40	0.81	1.18	0.32	0.36	57.46	2007-10-31—2009-03-09
MSCI Emerging Markets	3.50	15.82	14.46	22.92	0.42	0.40	0.13	0.43	65.14	2007-10-29—2008-10-27
MSCI ACWI	2.60	10.61	9.94	16.87	0.78	1.10	0.29	0.35	58.06	2007-10-31—2009-03-09

¹ Last 12 months

² Based on monthly gross returns data

³ Based on ICE LIBOR 1M

* DM countries include: Australia, Austria, Belgium, Canada, Denmark, Finland, France, Germany, Hong Kong, Ireland, Israel, Italy, Japan, Netherlands, New Zealand, Norway, Portugal, Singapore, Spain, Sweden, Switzerland, the UK and the US.

The MSCI World Index was launched on Mar 31, 1986. Data prior to the launch date is back-tested data (i.e. calculations of how the index might have performed over that time period had the index existed). There are frequently material differences between back-tested performance and actual results. Past performance -- whether actual or back-tested -- is no indication or guarantee of future performance.

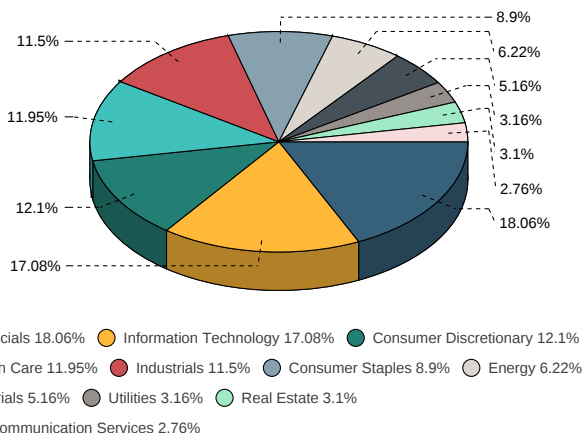
INDEX CHARACTERISTICS

MSCI World	
Number of Constituents	1,652
Mkt Cap (USD Millions)	
Index	39,077,217.64
Largest	881,347.51
Smallest	1,169.98
Average	23,654.49
Median	10,413.76

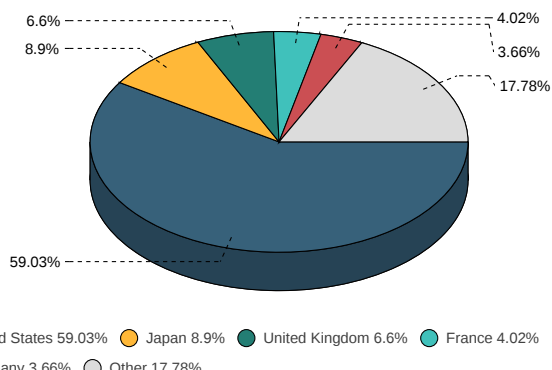
TOP 10 CONSTITUENTS

	Float Adj Mkt Cap (USD Billions)	Index Wt. (%)	Sector
APPLE	881.35	2.26	Info Tech
MICROSOFT CORP	610.08	1.56	Info Tech
AMAZON.COM	449.05	1.15	Cons Discr
FACEBOOK A	425.80	1.09	Info Tech
JOHNSON & JOHNSON	375.55	0.96	Health Care
JPMORGAN CHASE & CO	357.45	0.91	Financials
EXXON MOBIL CORP	353.18	0.90	Energy
ALPHABET C	317.47	0.81	Info Tech
ALPHABET A	307.46	0.79	Info Tech
BANK OF AMERICA CORP	272.58	0.70	Financials
Total	4,349.97	11.13	

SECTOR WEIGHTS



COUNTRY WEIGHTS



INDEX METHODOLOGY

The index is based on the [MSCI Global Investable Indexes \(GIMI\) Methodology](#)—a comprehensive and consistent approach to index construction that allows for meaningful global views and cross regional comparisons across all market capitalization size, sector and style segments and combinations. This methodology aims to provide exhaustive coverage of the relevant investment opportunity set with a strong emphasis on index liquidity, investability and replicability. The index is reviewed quarterly—in February, May, August and November—with the objective of reflecting change in the underlying equity markets in a timely manner, while limiting undue index turnover. During the May and November semi-annual index reviews, the index is rebalanced and the large and mid capitalization cutoff points are recalculated.

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