

## Description

The S&P 500<sup>®</sup> is widely regarded as the best single gauge of large-cap U.S. equities. There is over USD 11.2 trillion indexed or benchmarked to the index, with indexed assets comprising approximately USD 4.6 trillion of this total. The index includes 500 leading companies and covers approximately 80% of available market capitalization.

## Index Attributes

Created in 1957, the S&P 500 was the first U.S. market-cap-weighted stock market index. Today, it's the basis of many listed and over-the-counter investment instruments. This world-renowned index includes 500 of the top companies in leading industries of the U.S. economy.

The S&P 500 is part of a series of S&P Dow Jones U.S. equity indices that can be used as mutually exclusive building blocks; the index does not overlap holdings with the S&P MidCap 400<sup>®</sup> or S&P SmallCap 600<sup>®</sup>. Together, they constitute the S&P Composite 1500<sup>®</sup>.

## Methodology Construction

**Universe.** All constituents must be U.S. companies.

**Eligibility Market Cap.** To be included, companies must have an unadjusted market cap of USD 8.2 billion or greater.

**Public Float.** Companies must have a float market cap of at least USD 4.1 billion.

**Financial Viability.** Companies must have positive as-reported earnings over the most recent quarter, as well as over the most recent four quarters (summed together).

**Adequate Liquidity and Reasonable Price.** Using composite pricing and volume, the ratio of annual dollar value traded (defined as average closing price over the period multiplied by historical volume) to float-adjusted market capitalization should be at least 1.00, and the stock should trade a minimum of 250,000 shares in each of the six months leading up to the evaluation date.

**Sector Representation.** Sector balance, as measured by a comparison of each GICS sector's weight in an index with its weight in the S&P Total Market Index, in the relevant market capitalization range, is also considered in the selection of companies for the indices.

**Company Type.** All eligible U.S. common equities listed on eligible U.S. exchanges can be included. REITs are also eligible for inclusion. Closed-end funds, ETFs, ADRs, ADS, and certain other types of securities are ineligible for inclusion.

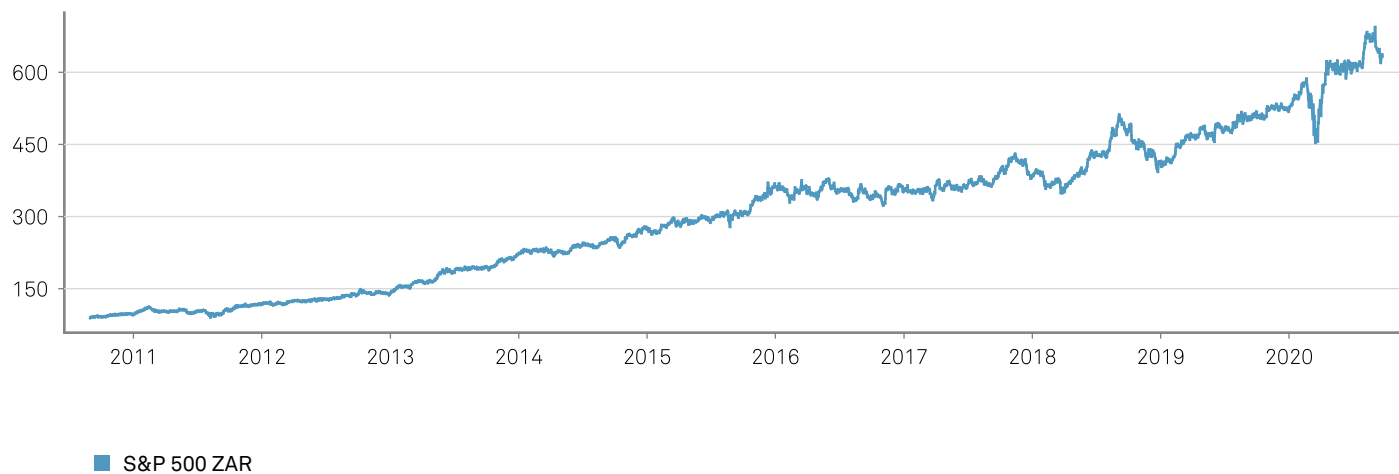
## Quick Facts

WEIGHTING METHOD	Float-adjusted market cap weighted
REBALANCING FREQUENCY	Quarterly in March, June, September, and December
CALCULATION FREQUENCY	End of day
CALCULATION CURRENCIES	ZAR
LAUNCH DATE	August 10, 2017
FIRST VALUE DATE	January 2, 2009
REGULATORY AUTHORIZATION	European Union

For more information, including the complete methodology document, please visit:  
<https://www.spglobal.com/spdji/en/>

All information for an index prior to its Launch Date is back-tested, based on the methodology that was in effect on the Launch Date. Back-tested performance, which is hypothetical and not actual performance, is subject to inherent limitations because it reflects application of an Index methodology and selection of index constituents in hindsight. No theoretical approach can take into account all of the factors in the markets in general and the impact of decisions that might have been made during the actual operation of an index. Actual returns may differ from, and be lower than, back-tested returns.

## Historical Performance



## Performance

INDEX LEVEL	RETURNS			ANNUALIZED RETURNS			
	1 MO	3 MOS	YTD	1 YR	3 YRS	5 YRS	10 YRS
Total Return							
869.01	6.64%	10.98%	32.96%	36.05%	25.09%	20.2%	25.15%
Price Return							
680.46	6.46%	10.49%	31.26%	33.45%	22.67%	17.78%	22.58%
Net Total Return							
807.53	6.58%	10.83%	32.44%	35.27%	24.36%	19.47%	24.37%

## Calendar Year Performance

2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
Total Return									
27.82%	11.1%	10.29%	-1.19%	35.8%	25.57%	63.43%	21.91%	24.61%	3.38%
Price Return									
25.28%	8.95%	8.11%	-3.33%	32.97%	23.04%	59.99%	19.18%	22.03%	1.33%
Net Total Return									
27.05%	10.45%	9.63%	-1.84%	34.94%	24.81%	62.39%	21.08%	23.83%	2.76%

## Risk

	ANNUALIZED RISK			ANNUALIZED RISK-ADJUSTED RETURNS		
	3 YRS	5 YRS	10 YRS	3 YRS	5 YRS	10 YRS
Total Return						
18.95%	17.82%	15.38%	1.32	1.13	1.64	
Price Return						
18.93%	17.77%	15.33%	1.2	1	1.47	
Net Total Return						
18.94%	17.81%	15.36%	1.29	1.09	1.59	

Risk is defined as standard deviation calculated based on total returns using monthly values.

## Index Characteristics

NUMBER OF CONSTITUENTS	505
CONSTITUENT MARKET [USD MILLION]	
MEAN TOTAL MARKET CAP	60,371.88
LARGEST TOTAL MARKET CAP	2,237,210.35
SMALLEST TOTAL MARKET CAP	1,848.71
MEDIAN TOTAL MARKET CAP	23,391.04
WEIGHT LARGEST CONSTITUENT [%]	7.3
WEIGHT TOP 10 CONSTITUENTS [%]	29.2

## ESG Carbon Characteristics

CARBON TO VALUE INVESTED (METRIC TONS CO <sub>2</sub> e/\$1M INVESTED)*	65.79
CARBON TO REVENUE (METRIC TONS CO <sub>2</sub> e/\$1M REVENUES)*	214.86
WEIGHTED AVERAGE CARBON INTENSITY (METRIC TONS CO <sub>2</sub> e/\$1M REVENUES)*	206.33
FOSSIL FUEL RESERVE EMISSIONS (METRIC TONS CO <sub>2</sub> /\$1M INVESTED)	616.98

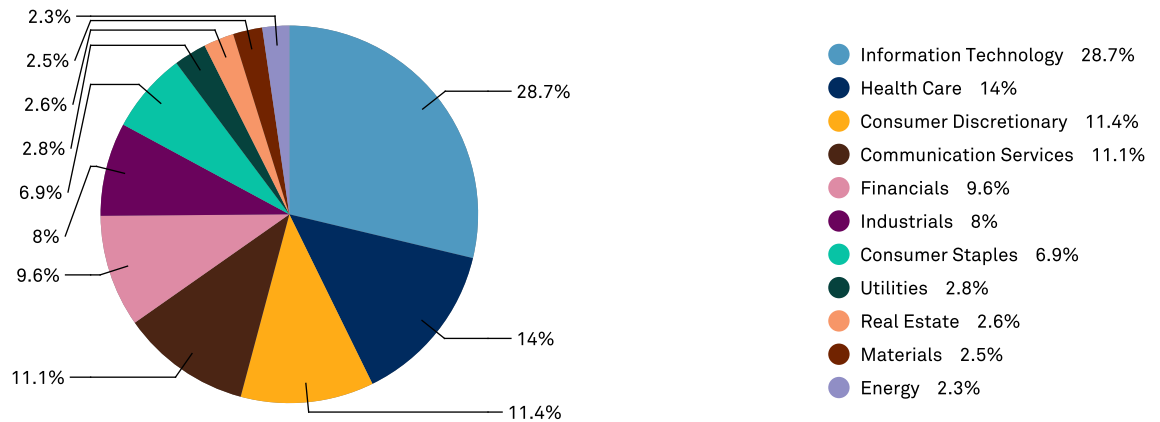
\*Operational and first-tier supply chain greenhouse gas emissions.  
For more information, please visit: [www.spdji.com/esg-carbon-metrics](http://www.spdji.com/esg-carbon-metrics).

## Top 10 Constituents By Index Weight

CONSTITUENT	SYMBOL	SECTOR*
Apple Inc.	AAPL	Information Technology
Microsoft Corp	MSFT	Information Technology
Amazon.com Inc	AMZN	Consumer Discretionary
Facebook Inc A	FB	Communication Services
Alphabet Inc A	GOOGL	Communication Services
Alphabet Inc C	GOOG	Communication Services
Berkshire Hathaway B	BRK.B	Financials
Johnson & Johnson	JNJ	Health Care
Visa Inc A	V	Information Technology
Procter & Gamble	PG	Consumer Staples

\*Based on GICS® sectors

## Sector\* Breakdown



\*Based on GICS® sectors

The weightings for each sector of the index are rounded to the nearest tenth of a percent; therefore, the aggregate weights for the index may not equal 100%.

## Country Breakdown

COUNTRY	NUMBER OF CONSTITUENTS	TOTAL MARKET CAP [USD MILLION]	INDEX WEIGHT [%]
United States	505	30,487,799.59	100

Based on index constituents' country of domicile.

## Tickers

	TICKER	REUTERS
Net Total Return	SPXZN	N/A
Price Return	SPXZP	N/A
Total Return	SPXZT	N/A

## CONTACT US

### spdji.com

index\_services@spglobal.com

### S&P Dow Jones Custom Indices

customindices@spglobal.com

### New York

1 212 438 7354

1 877 325 5415

### Mexico City

52 (55) 1037 5290

### London

44 207 176 8888

### Dubai

971 (0)4 371 7131

### Mumbai

91-22-2272-5312

### Beijing

86.10.6569.2770

### Hong Kong

852 2532 8000

### Tokyo

81 3 4550 8564

### Sydney

61 2 9255 9802

## DISCLAIMER

Source: S&P Dow Jones Indices LLC.

The launch date of the S&P 500 ZAR was August 10, 2017.

All information presented prior to the index launch date is back-tested. Back-tested performance is not actual performance, but is hypothetical. The back-test calculations are based on the same methodology that was in effect when the index was officially launched. Past performance is not an indication or guarantee of future results. Please see the Performance Disclosure at <http://www.spindices.com/regulatory-affairs-disclaimers/> for more information regarding the inherent limitations associated with back-tested performance.

Copyright © 2020 S&P Dow Jones Indices LLC. All rights reserved. Redistribution or reproduction in whole or in part are prohibited without written permission. STANDARD & POOR'S and S&P are registered trademarks of Standard & Poor's Financial Services LLC ("S&P"); DOW JONES is a registered trademark of Dow Jones Trademark Holdings LLC ("Dow Jones"); and these trademarks have been licensed for use by S&P Dow Jones Indices LLC. S&P Dow Jones Indices LLC, Dow Jones, S&P and their respective affiliates ("S&P Dow Jones Indices") and third party licensors makes no representation or warranty, express or implied, as to the ability of any index to accurately represent the asset class or market sector that it purports to represent and S&P Dow Jones Indices and its third party licensors shall have no liability for any errors, omissions, or interruptions of any index or the data included therein. Past performance of an index is not an indication or guarantee of future results. This document does not constitute an offer of any services. Except for certain custom index calculation services, all information provided by S&P Dow Jones Indices is general in nature and not tailored to the needs of any person, entity or group of persons. S&P Dow Jones Indices receives compensation in connection with licensing its indices to third parties and providing custom calculation services. It is not possible to invest directly in an index. Exposure to an asset class represented by an index may be available through investable instruments offered by third parties that are based on that index. S&P Dow Jones Indices does not sponsor, endorse, sell, promote or manage any investment fund or other investment product or vehicle that seeks to provide an investment return based on the performance of any Index. S&P Dow Jones Indices LLC is not an investment or tax advisor. S&P Dow Jones Indices makes no representation regarding the advisability of investing in any such investment fund or other investment product or vehicle. A tax advisor should be consulted to evaluate the impact of any tax-exempt securities on portfolios and the tax consequences of making any particular investment decision. Credit-related information and other analyses, including ratings, are generally provided by licensors and/or affiliates of S&P Dow Jones Indices. Any credit-related information and other related analyses and statements are opinions as of the date they are expressed and are not statements of fact. S&P Dow Jones Indices LLC is analytically separate and independent from any other analytical department. For more information on any of our indices please visit [www.spdji.com](http://www.spdji.com).