SPIVA® Around the World

Percentage of active funds outperformed by benchmarks* over 1-, 3-, and 5-year periods

**The SPIVA Difference**

1. Accounts for the entire opportunity set—not just the survivors—thereby eliminating survivorship bias.
2. Applies an apples-to-apples comparison by measuring a fund’s returns against the returns of a benchmark appropriate for that particular investment category.
3. Shows that asset-weighting matters by using both equal- and asset-weighted averages.
4. Uses only the share class with greater assets, which avoids double counting multiple share classes in all count-based calculations.

**SPIVA: S&P Indices Versus Active**

www.spdji.com/spiva

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*Regional benchmarks included here are large-cap, with the exception of Brazil and Chile where SPIVA results displayed reflect regional broad market indices. Multiple benchmarks exist in all regions tracked by SPIVA. For more information on SPIVA methodology, including a full list of regional benchmarks and results, visit www.spdji.com/spiva.

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**Worldwide Performance**

- **Canada**
  - 1-Year: 77%
  - 3-Year: 94%
  - 5-Year: 90%
  - Benchmark: S&P/TSX Composite

- **U.S.**
  - 1-Year: 64%
  - 3-Year: 79%
  - 5-Year: 82%
  - Benchmark: S&P 500®

- **Mexico**
  - 1-Year: 42%
  - 3-Year: 89%
  - 5-Year: 86%
  - Benchmark: S&P/BMV IRT

- **Brazil**
  - 1-Year: 39%
  - 3-Year: 70%
  - 5-Year: 77%
  - Benchmark: S&P BSE 100

- **Chile**
  - 1-Year: 60%
  - 3-Year: 86%
  - 5-Year: 81%
  - Benchmark: S&P CHILE BMI

- **Europe**
  - 1-Year: 86%
  - 3-Year: 86%
  - 5-Year: 80%
  - Benchmark: S&P EUROPE 350®

- **South Africa**
  - 1-Year: 56%
  - 3-Year: 85%
  - 5-Year: 84%
  - Benchmark: S&P SOUTHERN AFRICA DSW CAPPED

- **Japan**
  - 1-Year: 84%
  - 3-Year: 57%
  - 5-Year: 59%
  - Benchmark: S&P/TOPIX 150

- **India**
  - 1-Year: 92%
  - 3-Year: 91%
  - 5-Year: 58%
  - Benchmark: S&P BSE 100

- **Australia**
  - 1-Year: 87%
  - 3-Year: 86%
  - 5-Year: 80%
  - Benchmark: S&P/ASX 200

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Source: S&P Dow Jones Indices LLC, Morningstar, Fundata, CRSP Data as of December 31, 2018. Charts and tables are provided for illustrative purposes. Past performance is no guarantee of future results.