

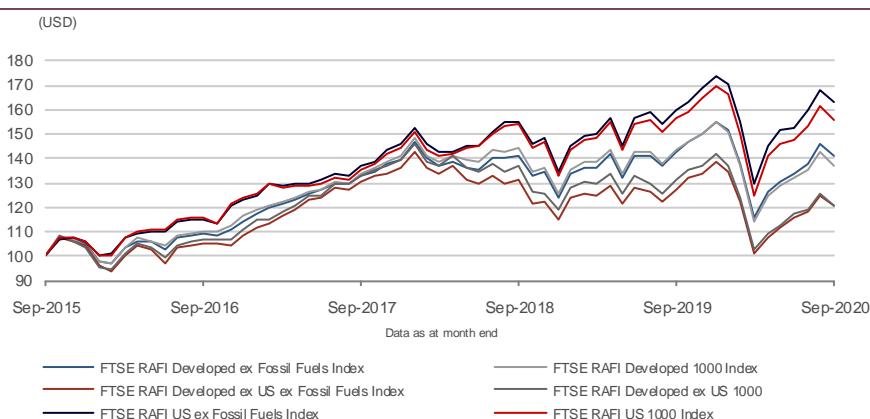
FTSE RAFI™ ex Fossil Fuels Indexes

Data as at: 30 September 2020

Market participants are increasingly looking to manage carbon exposure in their investments, and reduce write-off or downward revaluation risks associated with stranded assets. Stranded assets are fossil fuels deposits, including oil, gas and coal, that must remain unburned or in the ground in order for the world to avoid the worst impacts of climate change.

The FTSE RAFI ex Fossil Fuels Indexes are designed to represent the performance of constituents of selected FTSE RAFI Indexes after the exclusion of companies that have a certain revenue and/or reserve exposure to fossil fuels.

5-Year Performance - Total Return



Performance and Volatility - Total Return

| Index (USD) | Return % | | | | | | Return pa %* | | Volatility %** | | |
|---|----------|------|-------|------|------|------|--------------|------|----------------|------|------|
| | 3M | 6M | YTD | 12M | 3YR | 5YR | 3YR | 5YR | 1YR | 3YR | 5YR |
| FTSE RAFI Developed ex Fossil Fuels Index | 5.4 | 22.0 | -9.0 | -1.2 | 6.1 | 41.2 | 2.0 | 7.1 | 28.8 | 19.7 | 15.4 |
| FTSE RAFI Developed 1000 Index | 4.0 | 20.2 | -11.5 | -4.2 | 2.5 | 37.5 | 0.8 | 6.6 | 29.6 | 20.7 | 15.6 |
| FTSE RAFI Developed ex US ex Fossil Fuels Index | 4.2 | 19.6 | -12.5 | -5.0 | -7.5 | 21.1 | -2.6 | 3.9 | 25.5 | 20.8 | 16.2 |
| FTSE RAFI Developed ex US 1000 | 3.3 | 17.7 | -14.6 | -7.6 | -9.2 | 21.0 | -3.2 | 3.9 | 26.7 | 21.8 | 16.2 |
| FTSE RAFI US ex Fossil Fuels Index | 6.9 | 26.0 | -5.9 | 2.2 | 19.3 | 63.4 | 6.1 | 10.3 | 35.5 | 20.9 | 16.0 |
| FTSE RAFI US 1000 Index | 5.8 | 24.9 | -8.1 | -0.4 | 15.0 | 56.1 | 4.8 | 9.3 | 35.9 | 21.4 | 16.5 |

* Compound annual returns measured over 3 and 5 years respectively

** Volatility – 1YR based on 12 months daily data. 3YR based on weekly data (Wednesday to Wednesday). 5YR based on monthly data

FEATURES

Objective

The indexes are designed for the creation of index tracking funds, derivatives and as a performance benchmark.

Investability

A transparent and replicable index construction strategy.

Liquidity

Stocks in the underlying universe are screened to ensure that the index is tradable.

Transparency

The index uses a transparent, rules-based construction process. Index methodologies are freely available on the FTSE Russell website.

Availability

The index is calculated based on price and total return methodologies, available end of day. Net of tax versions of Total Return indexes are also available.

Industry Classification Benchmark (ICB)

Index constituents are categorized in accordance with the Industry Classification Benchmark (ICB), the global standard for industry sector analysis.

Year-on-Year Performance - Total Return

| Index % (USD) | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 |
|---|------|-------|------|------|------|------|------|------|-------|------|
| FTSE RAFI Developed ex Fossil Fuels Index | 11.2 | -9.4 | 18.4 | 31.8 | 5.1 | -1.8 | 9.1 | 22.3 | -11.2 | 25 |
| FTSE RAFI Developed 1000 Index | 11.2 | -8.1 | 16.5 | 29.9 | 3.1 | -4.3 | 11.6 | 21.4 | -11.2 | 23.6 |
| FTSE RAFI Developed ex US ex Fossil Fuels Index | 7.7 | -15.7 | 17.8 | 27.5 | -3.3 | -2.2 | 3.9 | 25.9 | -15.3 | 19.9 |
| FTSE RAFI Developed ex US 1000 | 7.5 | -14.3 | 15.9 | 25.4 | -4.8 | -4.8 | 7.3 | 25.7 | -14.5 | 18.8 |
| FTSE RAFI US ex Fossil Fuels Index | 19.7 | -1 | 18.8 | 37 | 14.8 | -0.6 | 16.4 | 18.4 | -7.8 | 29.2 |
| FTSE RAFI US 1000 Index | 20 | 0.1 | 17.2 | 35.7 | 12.6 | -2.5 | 17.6 | 16.4 | -8.3 | 28 |

Return/Risk Ratio and Drawdown - Total Return

| Index (USD) | Return/Risk Ratio | | | | Drawdown (%) | | | |
|---|-------------------|------|-----|------|--------------|-------|-------|-------|
| | 1YR | 3YR | 5YR | 10YR | 1YR | 3YR | 5YR | 10YR |
| FTSE RAFI Developed ex Fossil Fuels Index | 0.0 | 0.1 | 0.5 | 0.5 | -36.7 | -36.7 | -36.7 | -36.7 |
| FTSE RAFI Developed 1000 Index | -0.1 | 0.0 | 0.4 | 0.5 | -37.6 | -37.6 | -37.6 | -37.6 |
| FTSE RAFI Developed ex US ex Fossil Fuels Index | -0.2 | -0.1 | 0.2 | 0.2 | -37.1 | -39.8 | -39.8 | -39.8 |
| FTSE RAFI Developed ex US 1000 | -0.3 | -0.1 | 0.2 | 0.2 | -38.4 | -41.1 | -41.1 | -41.1 |
| FTSE RAFI US ex Fossil Fuels Index | 0.1 | 0.3 | 0.6 | 0.9 | -37.5 | -37.5 | -37.5 | -37.5 |
| FTSE RAFI US 1000 Index | 0.0 | 0.2 | 0.6 | 0.8 | -38.1 | -38.1 | -38.1 | -38.1 |

Return/Risk Ratio – based on compound annual returns and volatility in Performance and Volatility table
 Drawdown - based on daily data

Top 10 Constituents - Developed ex Fossil Fuels

| Constituent | Country | ICB Industry | Net MCap (USDm) | Wgt % |
|------------------------|---------------|--------------------|------------------|--------------|
| Apple Inc. | United States | Technology | 856,034 | 2.70 |
| Microsoft Corp | United States | Technology | 428,981 | 1.35 |
| AT&T | United States | Telecommunications | 360,605 | 1.14 |
| Verizon Communications | United States | Telecommunications | 355,525 | 1.12 |
| Samsung Electronics | South Korea | Technology | 327,192 | 1.03 |
| JPMorgan Chase & Co | United States | Financials | 307,010 | 0.97 |
| Johnson & Johnson | United States | Health Care | 269,761 | 0.85 |
| Walmart | United States | Consumer Services | 268,814 | 0.85 |
| Nestle | Switzerland | Consumer Goods | 254,523 | 0.80 |
| Amazon.Com | United States | Consumer Services | 236,300 | 0.75 |
| Totals | | | 3,664,743 | 11.56 |

Top 10 Constituents - Developed ex US ex Fossil Fuels

| Constituent | Country | ICB Industry | Net MCap (USDm) | Wgt % |
|--------------------------|----------------|--------------------|------------------|--------------|
| Samsung Electronics | South Korea | Technology | 327,192 | 1.94 |
| Nestle | Switzerland | Consumer Goods | 254,523 | 1.51 |
| Daimler AG | Germany | Consumer Goods | 227,483 | 1.35 |
| Toyota Motor | Japan | Consumer Goods | 171,353 | 1.02 |
| Roche Hldgs (GENUS) | Switzerland | Health Care | 162,787 | 0.97 |
| Siemens AG | Germany | Industrials | 161,564 | 0.96 |
| Allianz SE | Germany | Financials | 157,657 | 0.94 |
| SoftBank Group | Japan | Telecommunications | 142,771 | 0.85 |
| British American Tobacco | United Kingdom | Consumer Goods | 137,579 | 0.82 |
| Sanofi | France | Health Care | 135,034 | 0.80 |
| Totals | | | 1,877,943 | 11.14 |

INFORMATION

Index Universe

FTSE RAFI Developed 1000 Index
 FTSE RAFI Developed ex US 1000 Index
 FTSE RAFI US 1000 Index

Index Launch

November 2016

Base Date

March 2007

Base Value

1000

Index Calculation

End-of-day

End-of-Day Distribution

Via FTP and email

Currency

USD

Review Dates

List of Excluded Companies reviewed semi-annually in March and September

Top 10 Constituents - US ex Fossil Fuels

| Constituent | Country | ICB Industry | Net MCap (USDm) | Wgt % |
|------------------------|---------------|--------------------|------------------|--------------|
| Apple Inc. | United States | Technology | 856,034 | 4.35 |
| Microsoft Corp | United States | Technology | 428,981 | 2.18 |
| AT&T | United States | Telecommunications | 360,605 | 1.83 |
| Verizon Communications | United States | Telecommunications | 355,525 | 1.81 |
| JPMorgan Chase & Co | United States | Financials | 307,010 | 1.56 |
| Johnson & Johnson | United States | Health Care | 269,761 | 1.37 |
| Walmart | United States | Consumer Services | 268,814 | 1.37 |
| Amazon.Com | United States | Consumer Services | 236,300 | 1.20 |
| Procter & Gamble | United States | Consumer Goods | 235,859 | 1.20 |
| Pfizer | United States | Health Care | 234,418 | 1.19 |
| Totals | | | 3,553,305 | 18.07 |

ICB Industry Breakdown - Developed ex Fossil Fuels

| ICB Code | ICB Industry | No. of Cons | Net MCap (USDm) | Wgt % |
|---------------|--------------------|-------------|-------------------|---------------|
| 0001 | Oil & Gas | 23 | 499,504 | 1.58 |
| 1000 | Basic Materials | 62 | 1,214,960 | 3.83 |
| 2000 | Industrials | 162 | 4,080,011 | 12.87 |
| 3000 | Consumer Goods | 127 | 4,764,553 | 15.02 |
| 4000 | Health Care | 64 | 3,383,781 | 10.67 |
| 5000 | Consumer Services | 123 | 3,573,945 | 11.27 |
| 6000 | Telecommunications | 28 | 1,723,523 | 5.44 |
| 7000 | Utilities | 48 | 1,190,487 | 3.75 |
| 8000 | Financials | 237 | 7,221,647 | 22.77 |
| 9000 | Technology | 72 | 4,059,108 | 12.80 |
| Totals | | 946 | 31,711,520 | 100.00 |

ICB Industry Breakdown - Developed ex US ex Fossil Fuels

| ICB Code | ICB Industry | No. of Cons | Net MCap (USDm) | Wgt % |
|---------------|--------------------|-------------|-------------------|---------------|
| 0001 | Oil & Gas | 21 | 229,785 | 1.36 |
| 1000 | Basic Materials | 91 | 1,045,842 | 6.20 |
| 2000 | Industrials | 204 | 2,545,864 | 15.10 |
| 3000 | Consumer Goods | 143 | 3,291,011 | 19.52 |
| 4000 | Health Care | 48 | 1,347,100 | 7.99 |
| 5000 | Consumer Services | 108 | 1,199,391 | 7.11 |
| 6000 | Telecommunications | 33 | 962,439 | 5.71 |
| 7000 | Utilities | 34 | 468,934 | 2.78 |
| 8000 | Financials | 231 | 4,699,371 | 27.87 |
| 9000 | Technology | 46 | 1,071,165 | 6.35 |
| Totals | | 959 | 16,860,903 | 100.00 |

ICB Industry Breakdown - US ex Fossil Fuels

| ICB Code | ICB Industry | No. of Cons | Net MCap (USDm) | Wgt % |
|---------------|--------------------|-------------|-------------------|---------------|
| 0001 | Oil & Gas | 23 | 350,492 | 1.78 |
| 1000 | Basic Materials | 43 | 557,801 | 2.84 |
| 2000 | Industrials | 186 | 2,673,010 | 13.60 |
| 3000 | Consumer Goods | 107 | 2,171,085 | 11.04 |
| 4000 | Health Care | 70 | 2,347,988 | 11.94 |
| 5000 | Consumer Services | 144 | 3,042,603 | 15.48 |
| 6000 | Telecommunications | 6 | 818,674 | 4.16 |
| 7000 | Utilities | 44 | 856,658 | 4.36 |
| 8000 | Financials | 252 | 3,532,629 | 17.97 |
| 9000 | Technology | 81 | 3,309,972 | 16.84 |
| Totals | | 956 | 19,660,912 | 100.00 |

Country Breakdown

| Country | FTSE RAFI Developed ex Fossil Fuels | | FTSE RAFI Developed 1000 | | Diff % |
|----------------|-------------------------------------|---------------|--------------------------|---------------|--------|
| | No. of Cons | Wgt % | No. of Cons | Wgt % | |
| Australia | 25 | 1.73 | 32 | 2.40 | -0.67 |
| Austria | 2 | 0.07 | 3 | 0.10 | -0.02 |
| Belgium | 5 | 0.38 | 5 | 0.37 | 0.01 |
| Canada | 36 | 3.39 | 44 | 3.45 | -0.06 |
| Denmark | 5 | 0.39 | 8 | 0.49 | -0.10 |
| Finland | 8 | 0.72 | 8 | 0.64 | 0.09 |
| France | 47 | 4.59 | 49 | 4.86 | -0.27 |
| Germany | 40 | 5.76 | 42 | 5.65 | 0.11 |
| Hong Kong | 16 | 0.81 | 19 | 0.82 | 0.00 |
| Ireland | 1 | 0.02 | 1 | 0.01 | 0.00 |
| Israel | 3 | 0.10 | 3 | 0.10 | 0.01 |
| Italy | 13 | 1.22 | 16 | 1.64 | -0.42 |
| Japan | 122 | 9.60 | 133 | 9.69 | -0.10 |
| Netherlands | 18 | 1.66 | 19 | 1.60 | 0.05 |
| Norway | 5 | 0.27 | 6 | 0.35 | -0.08 |
| Poland | 2 | 0.05 | 3 | 0.06 | -0.01 |
| Portugal | 1 | 0.08 | 2 | 0.09 | -0.01 |
| Singapore | 5 | 0.28 | 5 | 0.25 | 0.04 |
| South Korea | 26 | 2.62 | 28 | 2.31 | 0.30 |
| Spain | 13 | 1.13 | 16 | 1.45 | -0.32 |
| Sweden | 21 | 1.20 | 21 | 1.05 | 0.15 |
| Switzerland | 27 | 3.68 | 27 | 3.22 | 0.47 |
| United Kingdom | 66 | 5.76 | 74 | 7.39 | -1.62 |
| United States | 439 | 54.49 | 463 | 52.01 | 2.47 |
| Totals | 946 | 100.00 | 1027 | 100.00 | |

Country Breakdown

| Country | FTSE RAFI Developed ex US ex Fossil Fuels | | FTSE RAFI Developed ex US 1000 | | Diff % |
|----------------|---|---------------|--------------------------------|---------------|--------|
| | No. of Cons | Wgt % | No. of Cons | Wgt % | |
| Australia | 54 | 4.18 | 63 | 5.01 | -0.83 |
| Austria | 6 | 0.25 | 7 | 0.27 | -0.02 |
| Belgium | 8 | 0.84 | 8 | 0.73 | 0.11 |
| Canada | 78 | 7.67 | 94 | 7.51 | 0.17 |
| Denmark | 10 | 0.99 | 13 | 1.14 | -0.15 |
| Finland | 18 | 1.68 | 18 | 1.46 | 0.22 |
| France | 72 | 9.35 | 74 | 9.52 | -0.16 |
| Germany | 66 | 11.67 | 68 | 11.04 | 0.64 |
| Hong Kong | 30 | 1.97 | 35 | 1.97 | 0.00 |
| Ireland | 4 | 0.13 | 4 | 0.11 | 0.02 |
| Israel | 5 | 0.24 | 5 | 0.21 | 0.03 |
| Italy | 27 | 2.69 | 30 | 3.34 | -0.66 |
| Japan | 254 | 22.64 | 268 | 21.24 | 1.40 |
| Netherlands | 26 | 3.29 | 27 | 3.06 | 0.23 |
| New Zealand | 2 | 0.05 | 2 | 0.05 | 0.01 |
| Norway | 9 | 0.64 | 10 | 0.77 | -0.13 |
| Poland | 4 | 0.17 | 5 | 0.18 | -0.01 |
| Portugal | 3 | 0.20 | 4 | 0.22 | -0.02 |
| Singapore | 16 | 0.82 | 16 | 0.71 | 0.11 |
| South Korea | 57 | 5.92 | 59 | 5.33 | 0.59 |
| Spain | 20 | 2.32 | 23 | 2.83 | -0.50 |
| Sweden | 38 | 2.81 | 38 | 2.44 | 0.37 |
| Switzerland | 40 | 7.27 | 40 | 6.31 | 0.97 |
| United Kingdom | 112 | 12.19 | 121 | 14.56 | -2.37 |
| Totals | 959 | 100.00 | 1032 | 100.00 | |

Index Characteristics

| Attributes | FTSE RAFI Developed ex Fossil Fuels | FTSE RAFI Developed 1000 | FTSE RAFI Developed ex US ex Fossil Fuels | FTSE RAFI Developed ex US 1000 |
|-------------------------|-------------------------------------|--------------------------|---|--------------------------------|
| Number of constituents | 946 | 1027 | 959 | 1032 |
| Dividend Yield % | 3.10 | 3.39 | 3.43 | 3.78 |
| Constituent (Wgt %) | | | | |
| Average | 0.11 | 0.10 | 0.10 | 0.10 |
| Largest | 2.70 | 2.26 | 1.94 | 1.68 |
| Median | 0.05 | 0.05 | 0.05 | 0.05 |
| Top 10 Holdings (Wgt %) | 11.56 | 10.24 | 11.14 | 10.28 |

Index Characteristics

| Attributes | FTSE RAFI US ex Fossil Fuels | FTSE RAFI US 1000 |
|-------------------------|------------------------------|-------------------|
| Number of constituents | 956 | 1000 |
| Dividend Yield % | 2.64 | 2.76 |
| Constituent (Wgt %) | | |
| Average | 0.10 | 0.10 |
| Largest | 4.35 | 4.06 |
| Median | 0.04 | 0.03 |
| Top 10 Holdings (Wgt %) | 18.07 | 17.54 |

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