# Rothschild & Co Risk-Based UK Index

# Monthly Report As of 2/29/2020



The R&CO Risk-Based UK Index provides an alternative to market-cap weighting with a risk-based approach to index construction. The strategy seeks to equalize risk contribution of index constituents and to maximize risk diversification while avoiding excessive turnover and portfolio concentration. The approach seeks to provide lower volatility, reduced maximum drawdown and higher Sharpe ratio compared with market capitalization indices over the long-term.

# **Cumulative Index Performance**

# Time Period: 1/14/2000 to 2/29/2020 Rothschild & Co. Risk Based U.K. TR. GEP (Total) 8,871.0 Rothschild & Co. Risk Based U.K. NR GEP (Total) 8,857.9 MSD United Kingdom GR LO. (Total) 2,016.9 9,000 7,000 5,000 1,000 2002 2004 2006 2008 2010 2012 2014 2016 2018

#### Calendar Year Returns %

	Tot Ret	Net TR	MSCI UK		Tot Ret	Net TR	MSCI UK
2019	24.54	24.49	16.45	2009	21.38	21.38	27.66
2018	-9.25	-9.28	-8.76	2008	-22.15	-22.15	-28.46
2017	13.57	13.55	11.79	2007	5.86	5.86	6.57
2016	4.99	4.95	19.24	2006	25.62	25.62	14.62
2015	11.83	11.82	-2.16	2005	23.25	23.25	20.09
2014	2.38	2.37	0.54		_		
2013	26.58	26.58	18.47	2004	22.86	22.86	11.49
2012	17.96	17.95	10.24	2003	26.70	26.70	18.76
2011	4.32	4.30	-1.79	2002	-7.08	-7.08	-23.37
2010	17.30	17.29	12.22	2001	2.27	2.27	-11.78

#### **Total Return %**

	Index Value	1M	ЗМ	ΥΠ	1yr	Зуг	5yr	<b>10yr</b>	Since Inception
Risk-Based UK TR GBP	3,217.01	-7.52	-5.20	-8.83	5.06	3.99	5.17	9.76	10.05
Risk-Based UK NR GBP	3,210.90	-7.53	-5.21	-8.84	5.01	3.95	5.14	9.74	10.04
MSCI United Kingdom GR LCL	14,679.63	-9.10	-9.77	-12.11	-3.48	0.57	2.79	5.88	3.55

# Risk/Returns Characteristics vs. MSCI United Kingdon Index

	Standard Deviation		Sharpe Ratio		Beta		Up Capture*			Down Capture*					
	1 Yr	3 Yr	5 Yr	1 Yr	3 Yr	5 Yr	1 Yr	3 Yr	5 Yr	1 Yr	3 Yr	5 Yr	1 Yr	3 Yr	5 Yr
Risk-Based UK TR GBP	10.83	10.06	9.96	-0.06	0.24	0.01	0.84	0.87	0.86	78.38	74.41	74.33	68.28	69.49	70.67
Risk-Based UK NR GBP	10.83	10.06	9.96	-0.06	0.24	0.01	0.84	0.87	0.86	78.40	74.43	74.35	68.23	69.46	70.66
MSCI United Kingdom GR LCL	13.87	11.57	11.25	-0.33	-0.05	0.20	1.00	1.00	1.00	100.00	100.00	100.00	100.00	100.00	100.00

%

21.8

16.6

11.2

10.6

9.4

9.3

7.9

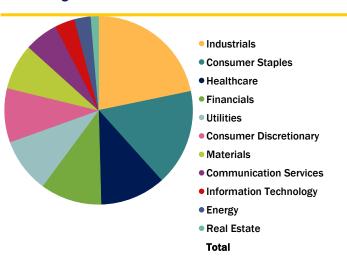
5.8

3.4

2.8

1.3 **100.0** 

# **Sector Weights**



# **Top 10 Constituents**

Sector	Welght %
Materials	5.50
Industrials	2.43
Utilities	2.10
Industrials	2.01
Consumer Staples	1.79
Utilities	1.72
Consumer Staples	1.63
Consumer Staples	1.60
Utilities	1.60
Financials	1.56
	21.95
	Materials Industrials Utilities Industrials Consumer Staples Utilities Consumer Staples Consumer Staples Utilities Utilities



# **Portfolio Highlights**

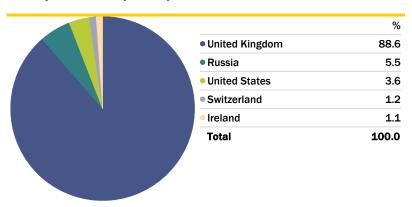
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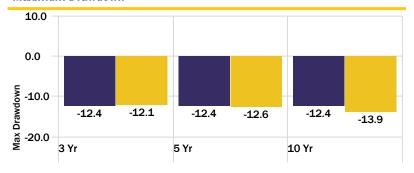
#### **Index Characteristics**

	Risk-Based UK TR GBP	MSCI UK GR LCL
Average Mkt. Cap (\$mm)	10,425.4	40,868.7
Estimated Price/Earnings	19.6	15.7
Price/Book	2.4	1.5
Price/Cash Flow	9.9	7.6
Dividend Yield	4.0	5.4

#### **Country Allocation - By Country Domicile**



# **Maximum Drawdown**



# ■Risk-Based UK TR GBP

# MSCI United Kingdom GR LCL

# **Tickers**

Currency	USD	EUR	GBP
Total Return	RRBUKTR2	RRBUKTR1	RRBUKTR3
Net Total Return	RRBUKNT2	RRBUKNT1	RRBUKNT3
Price	RRBUKPR2	RRBUKPR1	RRBUKPR3
Reuters	.RRBUKNT3		

#### **Index Administration**



Rothschild & Co Risk Based Investments LLC is a wholly owned subsidiary of Rothschild & Co and, as the index sponsor, oversees the monthly calculation of weightings for each index through a proprietary risk-based method.

#### Methodology

Quarterly Universe Constituent Selection - selects the largest stocks in the exchange universe (January, April, July, October)

# **Quarterly Index Selection**

- Selects the 50% of the universe with the lowest marginal risk contribution (combination of volatility and correlation)
- Each constituent is weighted so that it contributes and equal amount of risk

# **Key Facts**

Universe Constituents:	150
Selected Consituents	75
Weighting Methodology:	Equal Risk Contribution (ERC)
Rebalancing Frequency:	Quarterly
Index Launch Date	2/24/17
Index First Value Date:	1/14/00
Available Currencies	USD, EUR, GBP
Index Calculation Agent:	S&P Dow Jones Indices

#### **Disclaimer:**

Index launch date is 2/24/17. All information presented prior to the launch date is backtested.

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