



Benchmark Trends Industry Insights and Open Discussion

27th June 2024

105th Meeting of The Performance Measurement Forum Athens, Greece

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Agenda



Industry Insights and Open Discussion:

- 1. Indices and Benchmarks
- 2. In the news
- 3. Benchmark trends according to ChatGPT
- 4. MSCI Investment trends
- 5. Bloomberg indexing
- 6. Index concentration and performance

Indices and Benchmarks



Indices are often considered to be synonymous with benchmarks

should they be?

What does the word "benchmark" mean to you?

In the news

Benchmarks

EFAMA flags ESG data concerns in EU benchmark regulatory overhaul

FCA fines CGML £27,766,200 for failures in its trading



Financial regulator finds wholesale data market can be improved

Press Releases First published: 29/02/2024 Last updated: 29/02/2024

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The FCA has today published the findings of its wholesale data market study, which examined competition in the markets for credit ratings data, benchmarks and market data vendor services.

Press Releases | First published: 22/05/2024 | Last updated: 22/05/2024 | The FCA has fined Citigroup Global Markets Limit MSCI tightens metrics on Invesco's Paris-Aligned ETF range

Two new climate objectives have been added to MSCI's PAB methodology Theo Andrew 21 May 2024

\$ \$27,766,200.

FCA finds competition faults in wholesale data markets

ICE Benchmark Administration Provides Update Regarding the Cessation of Sterling LIBOR ®

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2/29/2024

systems and controls

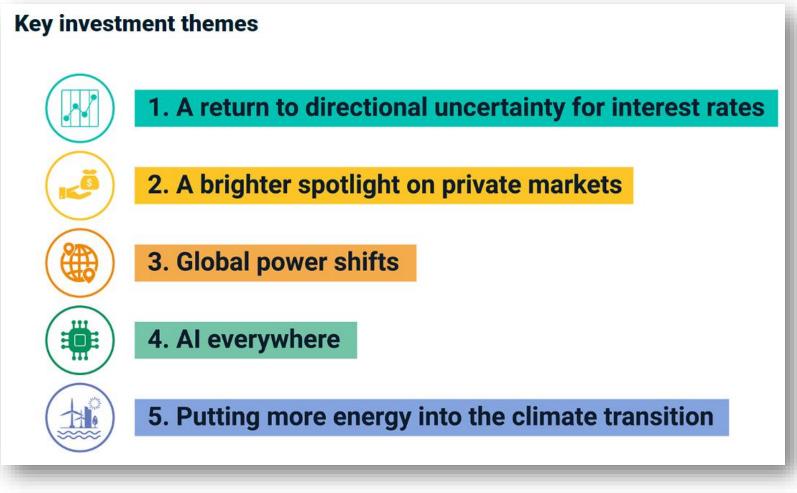
Benchmark trends according to ChatGPT



Sustainability and Climate Action	 ESG and Climate Investing Private Debt and Climate Transition
Technological Integration	 Artificial Intelligence Digital Assets and Blockchain
Energy Transition	 Renewables and Clean Energy Electrified Transport and Infrastructure
Thematic and Factor Investing	Thematic InvestingFactor Investing
Geopolitical and Economic Risk Management	Geopolitical TensionsEconomic Policy Impact
Volatility and Risk Management	• Market Volatility
Emerging Markets	• Growth Opportunities

MSCI Investment trends

Five key themes for 2024



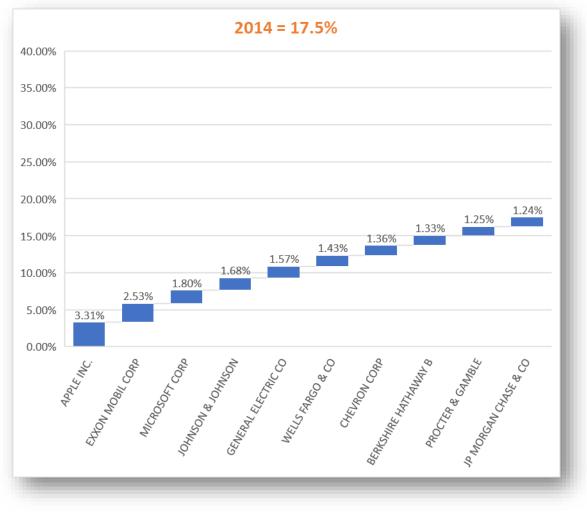
Source: MSCI

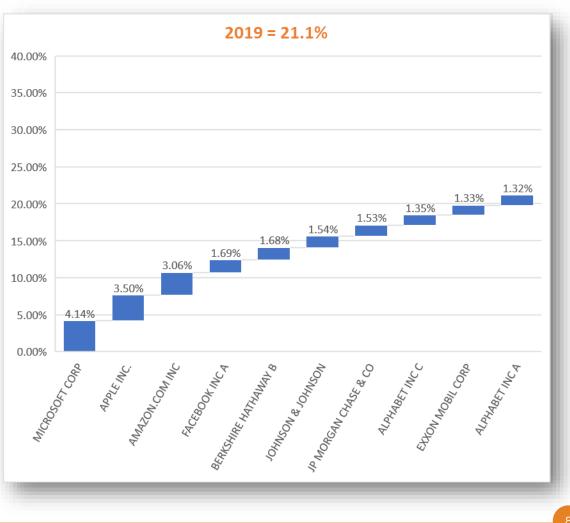
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How will indexing evolve with personalized investing? rimes Universe: Sector or Security Type Region Size or Style Currency Tradability Theme Which securities are eligible Selection: Sustainability Top N Rank Middle Rank Exclusion Basket Filter How is the final basket determined? Weighting: Metric Group Company Tiered Equal Weight Optimized Cap/Floor What weight is ascribes to each? Cap/Floor Cap/Floor Weight **Rebalance Schedule:** Weighting Rebalance Selection Date When are securities selected? **Calculation Type:** Currency Decrement Volatility Hedging **Return Types** How should the index be calculated? Conversion Overlay Target Source: Bloomberg

Index concentration

S&P 500 top 10 companies (2014 versus 2019)

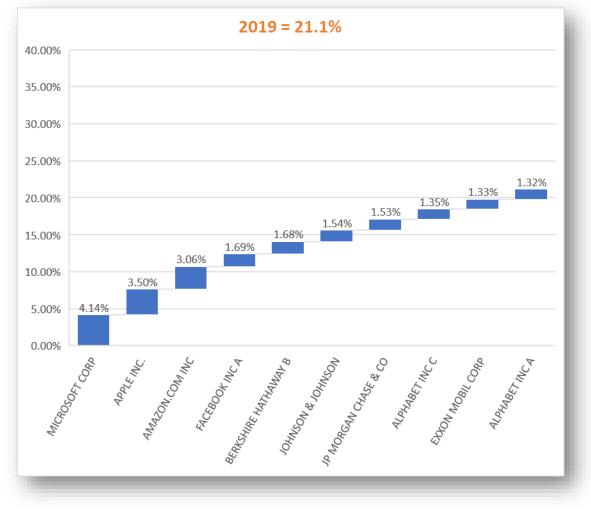


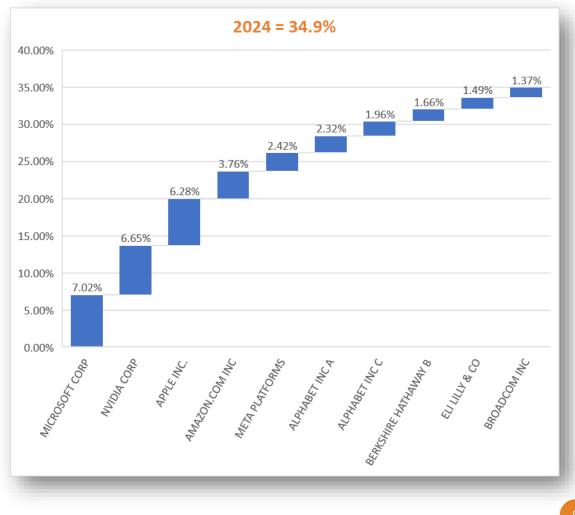




Index concentration





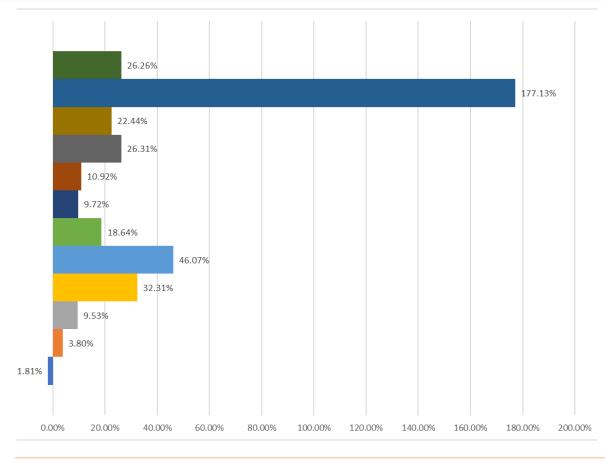




Performance of Sector Indices

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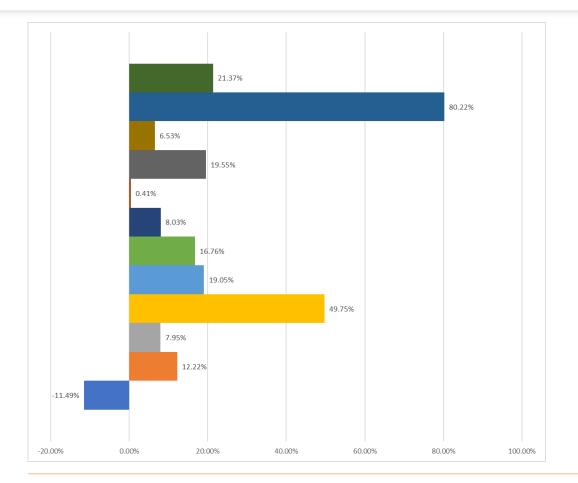
MSCI World sector performance Energy (Oil & Gas) has outperformed all other sectors



Index Description	Sept 20 to Sept 23
MSCI WORLD	26.26%
MSCI WORLD ENERGY	177.13%
MSCI WORLD MATERIALS	22.44%
MSCI WORLD INDUSTRIALS	26.31%
MSCI WORLD CONSUMER DISCRETIONARY	10.92%
MSCI WORLD CONSUMER STAPLES	9.72%
MSCI WORLD HEALTH CARE	18.64%
MSCI WORLD FINANCIALS	46.07%
MSCI WORLD INFORMATION TECHNOLOGY	32.31%
MSCI WORLD COMMUNICATION SERVICES	9.53%
MSCI WORLD UTILITIES	3.80%
MSCI WORLD REAL ESTATE	-1.81%

Performance of Sector Indices

MSCI World sector performance (updated May 2024) Energy (Oil & Gas) has still outperformed all other sectors with Information Technology catching up



Index Description	May 21 to May 24
MSCI WORLD	21.37%
MSCI WORLD ENERGY	80.22%
MSCI WORLD MATERIALS	6.53%
MSCI WORLD INDUSTRIALS	19.55%
MSCI WORLD CONSUMER DISCRETIONARY	0.41%
MSCI WORLD CONSUMER STAPLES	8.03%
MSCI WORLD HEALTH CARE	16.76%
MSCI WORLD FINANCIALS	19.05%
MSCI WORLD INFORMATION TECHNOLOGY	49.75%
MSCI WORLD COMMUNICATION SERVICES	7.95%
MSCI WORLD UTILITIES	12.22%
MSCI WORLD REAL ESTATE	-11.49%

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Any questions?

References:



MSCI Investment Trends in Focus <u>https://www.msci.com/www/research-report/investment-trends-in-focus-five/04291408135</u>

 Bloomberg Indices 2024 outlook: Equity https://www.bloomberg.com/professional/insights/trading/indices-2024-outlook-equity/