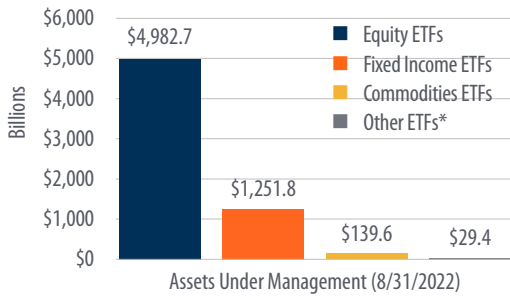


ETF DATA WATCH: ASSET FLOWS MONITOR

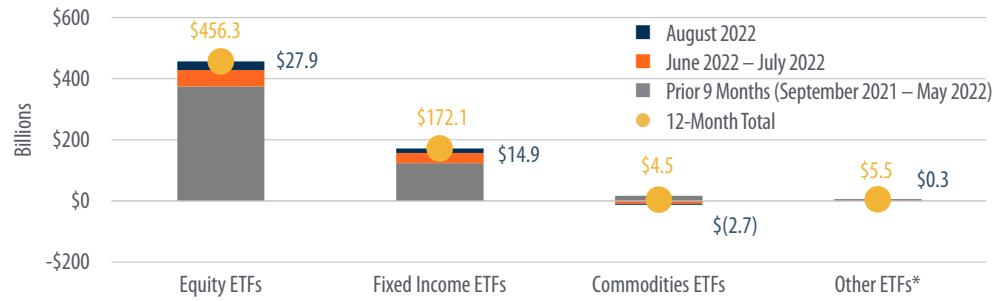
SEPTEMBER 2022

Ryan O. Issakainen, CFA | Senior Vice President | ETF Strategist

Total Assets Under Management: US-Listed ETFs



ETF Net Asset Flows by Asset Class

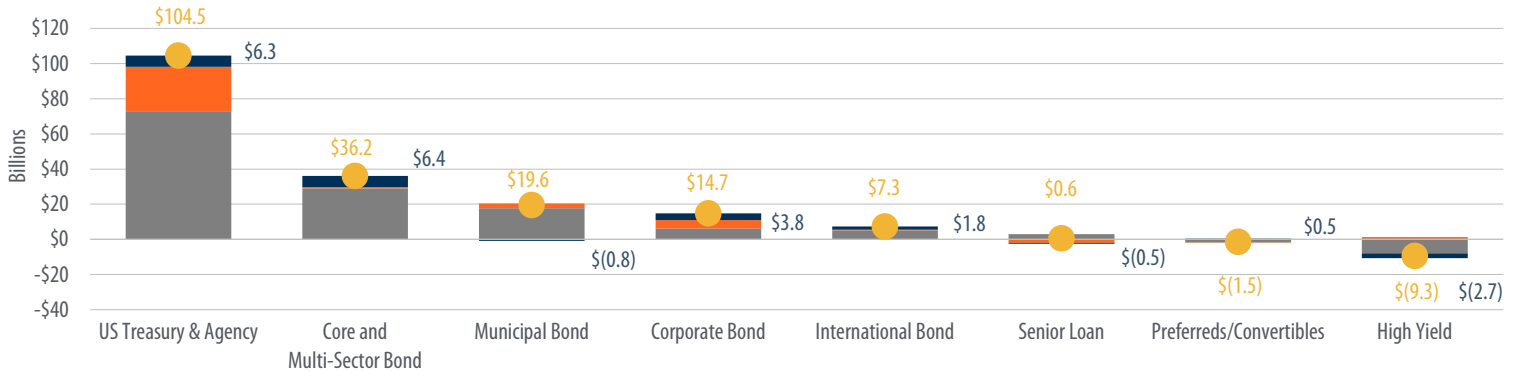


- Net inflows for US-listed ETFs totaled \$40.4 billion in August, bringing total ETF assets under management to \$6.40 trillion.
- Equity ETFs had net inflows totaling \$27.9 billion in August, bringing trailing 12-months (TTM) net inflows to \$456.3 billion.
- Fixed income ETFs had net inflows totaling \$14.9 billion in August, bringing TTM net inflows to \$172.1 billion.
- Commodities ETFs had net outflows totaling \$2.7 billion in August, bringing TTM net inflows to \$4.5 billion. Precious metals ETFs (-\$2.6 billion) was the weakest sub-category in August.

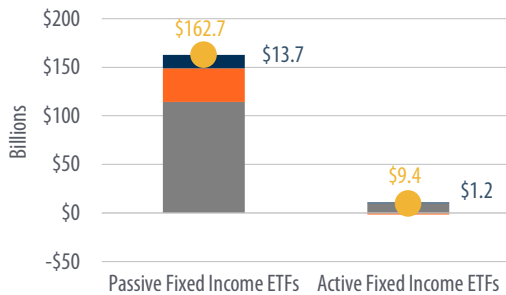
FIXED INCOME ETFs

■ August 2022 ■ June 2022 - July 2022 ■ Prior 9 Months (September 2021 - May 2022) ● 12-Month Total

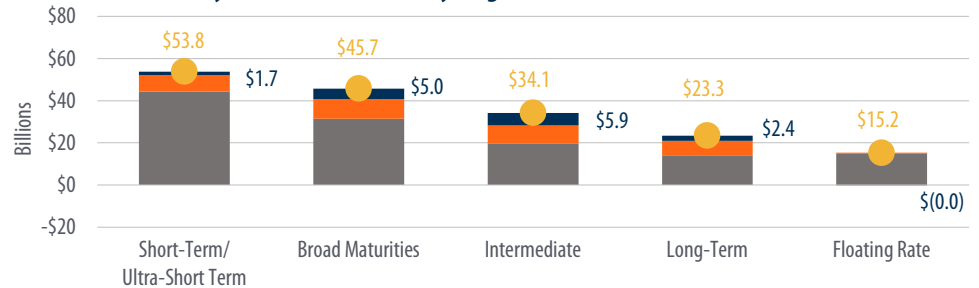
ETF Net Asset Flows by Fixed Income Category



Active vs. Passive Net Flows



ETF Net Asset Flows by Fixed Income Maturity Target



- Core and Multi-sector Bond (+\$6.4 billion), US Treasury & Agency (+\$6.3 billion), Corporate Bond (+\$3.8 billion), and International Bond (+\$1.8 billion) were the strongest fixed income ETF categories in August, while High Yield (-\$2.7 billion) had the largest net outflows.
- Fixed income ETFs with intermediate maturities (+\$5.9 billion), broad maturities (+\$5.0 billion), long-term maturities (+\$2.4 billion), and short-term/ultra-short term (+\$1.7 billion) had the strongest net inflows in August.
- Actively-managed fixed income ETFs had \$1.2 billion in net inflows in August, compared to \$13.7 billion in net inflows for passively-managed fixed income ETFs. Assets in actively-managed fixed income ETFs were \$138.3 billion, accounting for 11.0% of all fixed income ETF assets (\$1.25 trillion), as of 8/31/22.

Data Sources: FactSet and Morningstar.

*"Other ETFs" includes asset allocation, alternatives, and currency ETFs.

ETF DATA WATCH: ASSET FLOWS MONITOR

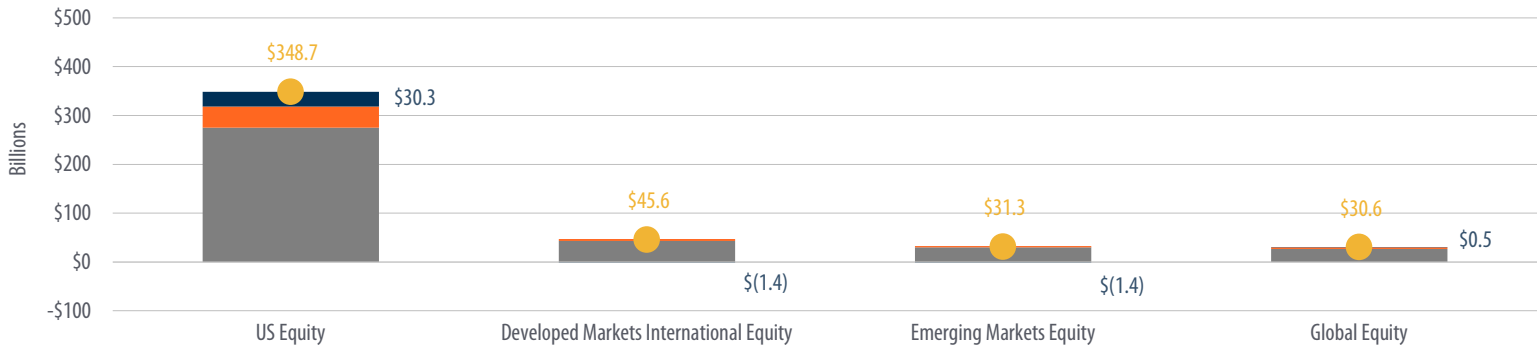
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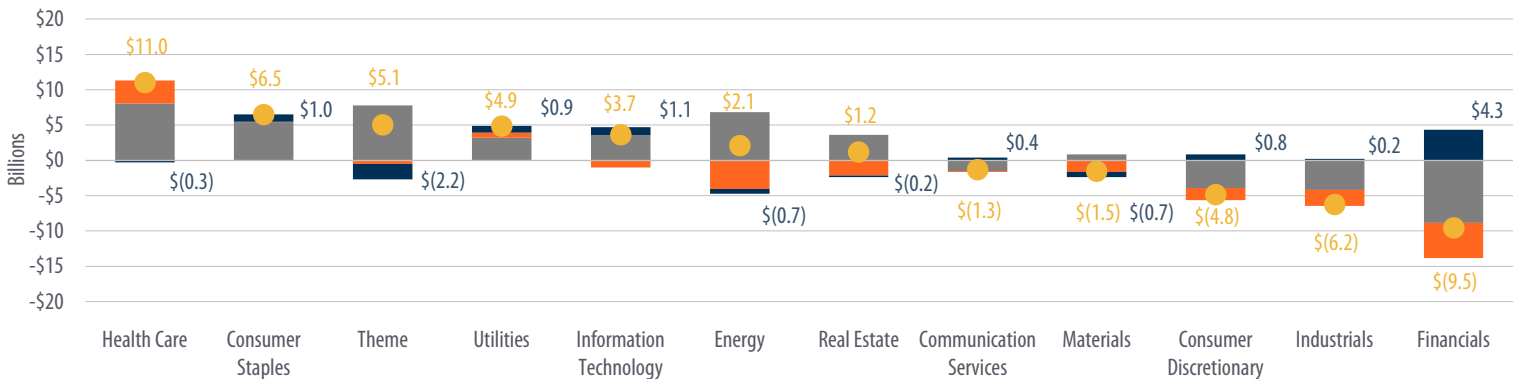
EQUITY ETFs

■ August 2022 ■ June 2022 – July 2022 ■ Prior 9 Months (September 2021 – May 2022) ● 12-Month Total

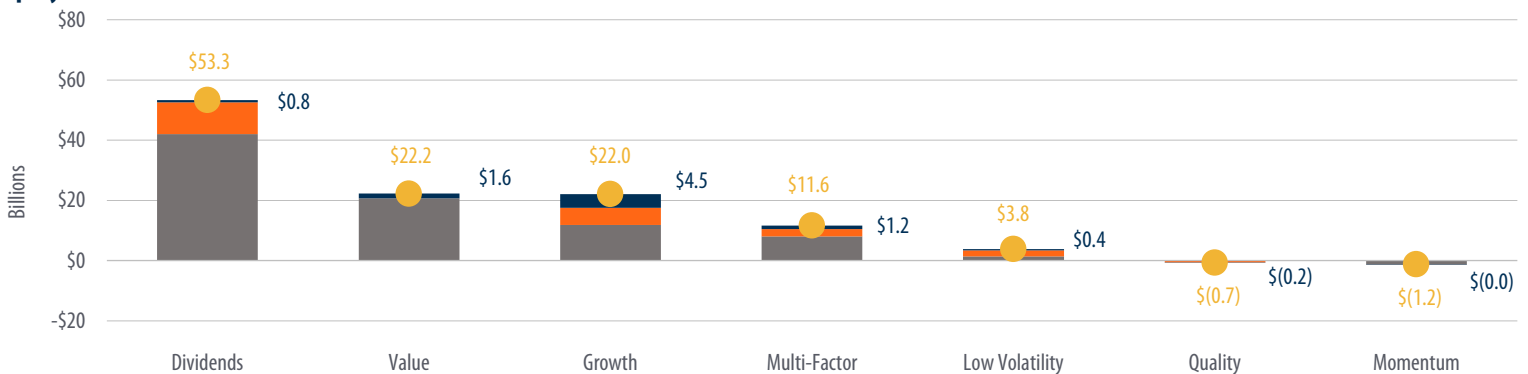
ETF Net Asset Flows by Region



Sector ETFs: Net Asset Flows



Equity Factor ETFs: Net Asset Flows



- Net inflows for equity ETFs totaled \$27.9 billion in August. US Equity (+\$30.3 billion) was the strongest region for net inflows, while Emerging Markets Equity (-\$1.4 billion) and Developed Markets International Equity (-\$1.4 billion) had net outflows for the month.
- Net inflows for equity sector ETFs totaled \$4.8 billion in August. Financials (+\$4.3 billion), Information Technology (+\$1.1 billion), and Consumer Staples (+\$1.0 billion) had the largest net inflows, while Theme (-\$2.2 billion) had the largest net outflows for the month.
- Net inflows for factor-based equity ETFs totaled \$8.2 billion in August, led by Growth (+\$4.5 billion), Value (+\$1.6 billion), and Multi-factor (+\$1.2 billion). Over the trailing 12-months, Dividends (+\$53.3 billion), Value (+\$22.2 billion), and Growth (+\$22.0 billion) had the largest net inflows, while Momentum (-\$1.2 billion) had the largest net outflows.

Data Sources: FactSet and Morningstar.

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