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## About the ETFG ETP Weekly Select List

The ETF Global Weekly ETF Select List has been designed to support both Financial Professionals and Investors with their respective Exchange-Traded-Fund selection processes. Once the investor's risk tolerance, investment goals and resulting asset-allocation have been determined, the ETFG Weekly ETF Select List points to the highest-rated ETFs to fit the investment needs and goals of that specific portfolio.

Developed by the Research team at ETF Global, the ETFG Weekly ETF Select List features the 5 most highly rated ETFs by Sector, Geographic Region and Strategy as ranked by the ETFG Quant model. This weekly reference guide enables you to quickly and easily identify ETFs which meet your chosen criteria. Because the list highlights just five ETFs per category and the ETFG Quant model is cross-sectional in its rankings, each ETF on the list has earned its respective spot by achieving the highest relative scoring versus its eligible peer group. The universe of equity ETFs reviewed by ETFG Quant represents the broadest range of industry groups, sectors and geographic regions.

- The selection pool includes all U.S. listed, equity ETFs, excluding levered and inverse funds
- The ETFG Quant model assigns a daily ranking to all relevant products using proprietary algorithms and employing dozens of industry metrics.
- ETFG Quant has four primary drivers: Behavioral Finance (Technical Analysis & Sentiment), Fundamental Analysis, Global Themes and Quality
- Selection is performed prior to trading on Monday of each week

To best support the ETF selection process, ETF Global strongly encourages viewers to perform a more comprehensive review of the overall ETFG Quant rankings and to utilize the additional tools and resources available at [www.etfg.com](http://www.etfg.com) to further research and diligence exchange-traded-funds.

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# Equity ETF Select List - Sectors



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|   | Ticker               | Name   | Focus                  | Region        | TER   | Risk* | Reward* | Quant* |
|---|----------------------|--|------------------------|---------------|-------|-------|---------|--------|
| 1 | <a href="#">JHMA</a> | John Hancock Multifactor Materials ETF                   | Basic Materials        | North America | 0.50% | 4.46  | 6.66    | 58.60  |
| 2 | <a href="#">XME</a>  | SPDR S&P Metals & Mining ETF                             | Basic Materials        | North America | 0.35% | 4.68  | 5.37    | 54.70  |
| 3 | <a href="#">GOAU</a> | U.S. Global GO GOLD and Precious Metal Miners ETF        | Basic Materials        | Global        | 0.60% | 5.20  | 6.36    | 53.20  |
| 4 | <a href="#">SLX</a>  | VanEck Vectors Steel Index Fund                          | Basic Materials        | Global        | 0.55% | 6.17  | 5.33    | 53.00  |
| 5 | <a href="#">MATE</a> | iShares Edge MSCI Multifactor Materials ETF              | Basic Materials        | North America | 0.35% | 4.88  | 5.60    | 52.40  |
| 1 | <a href="#">CNDX</a> | iShares Edge MSCI Multifactor Consumer Discretionary ETF | Consumer Discretionary | North America | 0.35% | 4.13  | 6.87    | 59.30  |
| 2 | <a href="#">XRT</a>  | SPDR S&P Retail ETF                                      | Consumer Discretionary | North America | 0.35% | 4.92  | 6.08    | 57.60  |
| 3 | <a href="#">PEJ</a>  | Invesco Dynamic Leisure and Entertainment ETF            | Consumer Discretionary | North America | 0.61% | 5.94  | 7.00    | 57.10  |
| 4 | <a href="#">PMR</a>  | Invesco Dynamic Retail ETF                               | Consumer Discretionary | North America | 0.63% | 6.29  | 6.89    | 56.90  |
| 5 | <a href="#">IBUY</a> | Amplify Online Retail ETF                                | Consumer Discretionary | Global        | 0.65% | 5.86  | 6.59    | 55.30  |
| 1 | <a href="#">KXI</a>  | iShares Global Consumer Staples ETF                      | Consumer Staples       | Global        | 0.48% | 6.23  | 7.33    | 64.80  |
| 2 | <a href="#">XLP</a>  | Consumer Staples Select Sector SPDR Fund                 | Consumer Staples       | North America | 0.14% | 2.64  | 6.19    | 60.30  |
| 3 | <a href="#">CNSF</a> | iShares Edge MSCI Multifactor Consumer Staples ETF       | Consumer Staples       | North America | 0.35% | 2.66  | 6.27    | 59.30  |
| 4 | <a href="#">IYK</a>  | iShares US Consumer Goods ETF                            | Consumer Staples       | North America | 0.44% | 3.56  | 6.19    | 58.50  |
| 5 | <a href="#">JHMS</a> | John Hancock Multifactor Consumer Staples ETF            | Consumer Staples       | North America | 0.50% | 4.16  | 6.20    | 57.50  |
| 1 | <a href="#">MLPA</a> | Global X MLP ETF   | Energy                 | North America | 0.47% | 5.97  | 8.10    | 63.30  |
| 2 | <a href="#">CRAK</a> | VanEck Vectors Oil Refiners ETF                          | Energy                 | Global        | 0.59% | 4.12  | 6.65    | 62.00  |
| 3 | <a href="#">EMLP</a> | First Trust North American Energy Infrastructure Fund    | Energy                 | North America | 0.95% | 4.94  | 6.82    | 61.30  |
| 4 | <a href="#">AMJ</a>  | JPMorgan Alerian MLP Index ETN                           | Energy                 | North America | 0.85% | 6.55  | 6.81    | 60.60  |
| 5 | <a href="#">AMLP</a> | Alerian MLP ETF  | Energy                 | North America | 0.85% | 5.92  | 7.44    | 60.40  |
| 1 | <a href="#">KIE</a>  | SPDR S&P Insurance ETF                                   | Financials             | North America | 0.35% | 6.56  | 7.70    | 65.70  |
| 2 | <a href="#">FNCF</a> | iShares Edge MSCI Multifactor Financials ETF             | Financials             | North America | 0.35% | 5.23  | 6.95    | 59.50  |
| 3 | <a href="#">DFNL</a> | Davis Select Financial ETF                               | Financials             | Global        | 0.65% | 5.64  | 7.21    | 58.20  |
| 4 | <a href="#">JHMF</a> | John Hancock Multifactor Financials ETF                  | Financials             | North America | 0.50% | 4.62  | 6.67    | 57.30  |
| 5 | <a href="#">FTXO</a> | First Trust Nasdaq Bank ETF                              | Financials             | North America | 0.60% | 4.27  | 5.90    | 55.00  |
| 1 | <a href="#">IBB</a>  | iShares Nasdaq Biotechnology ETF                         | Health Care            | North America | 0.47% | 4.88  | 10.00   | 77.10  |
| 2 | <a href="#">IXJ</a>  | iShares Global Healthcare ETF                            | Health Care            | Global        | 0.48% | 5.36  | 8.59    | 69.80  |
| 3 | <a href="#">XPH</a>  | SPDR S&P Pharmaceuticals ETF                             | Health Care            | North America | 0.35% | 5.41  | 7.41    | 62.80  |
| 4 | <a href="#">BBH</a>  | VanEck Vectors Biotech ETF                               | Health Care            | Global        | 0.35% | 6.05  | 7.16    | 62.10  |
| 5 | <a href="#">GNRX</a> | VanEck Vectors Generic Drugs ETF                         | Health Care            | Global        | 0.57% | 5.46  | 7.41    | 60.80  |
| 1 | <a href="#">INDF</a> | iShares Edge MSCI Multifactor Industrials ETF            | Industrials            | North America | 0.35% | 5.08  | 6.67    | 61.80  |
| 2 | <a href="#">IYT</a>  | iShares Transportation Average ETF                       | Industrials            | North America | 0.44% | 5.48  | 6.15    | 61.50  |
| 3 | <a href="#">JHMI</a> | John Hancock Multifactor Industrials ETF                 | Industrials            | North America | 0.50% | 4.10  | 6.62    | 60.00  |

|   |                      |   |                    |               |       |      |      |       |
|---|----------------------|---|--------------------|---------------|-------|------|------|-------|
| 4 | <a href="#">FTXR</a> | First Trust Nasdaq Transportation ETF                   | Industrials        | North America | 0.60% | 4.87 | 6.27 | 59.00 |
| 5 | <a href="#">AIRR</a> | First Trust RBA American Industrial Renaissance ETF     | Industrials        | North America | 0.70% | 4.05 | 6.06 | 57.80 |
| 1 | <a href="#">PAVE</a> | Global X U.S. Infrastructure Development ETF            | Natural Resources  | North America | 0.47% | 3.57 | 7.24 | 62.90 |
| 2 | <a href="#">TBLU</a> | Tortoise Water Fund                                     | Natural Resources  | North America | 0.40% | 6.28 | 7.05 | 58.60 |
| 3 | <a href="#">TOLZ</a> | DJ Brookfield Global Infrastructure ETF                 | Natural Resources  | Global        | 0.46% | 4.47 | 6.53 | 57.50 |
| 4 | <a href="#">NFRA</a> | FlexShares STOXX Global Broad Infrastructure Index Fund | Natural Resources  | Global        | 0.47% | 3.23 | 6.13 | 57.30 |
| 5 | <a href="#">FTRI</a> | First Trust Indxx Global Natural Resources Income ETF   | Natural Resources  | Global        | 0.70% | 3.54 | 5.88 | 54.00 |
| 1 | <a href="#">FINX</a> | Global X FinTech Thematic ETF                           | Technology         | Global        | 0.68% | 4.26 | 8.02 | 65.30 |
| 2 | <a href="#">TCHF</a> | iShares Edge MSCI Multifactor Technology ETF            | Technology         | North America | 0.35% | 5.49 | 7.16 | 62.00 |
| 3 | <a href="#">FTXL</a> | First Trust Nasdaq Semiconductor ETF                    | Technology         | North America | 0.60% | 5.28 | 6.68 | 60.50 |
| 4 | <a href="#">GAMR</a> | ETFMG Video Game Tech ETF                               | Technology         | Global        | 0.75% | 6.12 | 7.06 | 59.10 |
| 5 | <a href="#">XT</a>   | iShares Exponential Technologies ETF                    | Technology         | Global        | 0.47% | 3.54 | 6.17 | 59.00 |
| 1 | <a href="#">IXP</a>  | iShares Global Telecom ETF                              | Telecommunications | Global        | 0.48% | 5.51 | 5.66 | 53.40 |
| 2 | <a href="#">IYZ</a>  | iShares US Telecommunications ETF                       | Telecommunications | North America | 0.44% | 4.08 | 5.03 | 51.50 |
| 3 | <a href="#">XTL</a>  | SPDR S&P Telecom ETF                                    | Telecommunications | North America | 0.35% | 4.54 | 4.83 | 50.00 |
| 4 | <a href="#">FCOM</a> | Fidelity MSCI Telecommunication Services Index ETF      | Telecommunications | North America | 0.08% | 3.74 | 5.13 | 50.00 |
| 5 | <a href="#">VOX</a>  | Vanguard Communication Services ETF                     | Telecommunications | North America | 0.10% | 4.74 | 4.73 | 46.40 |
| 1 | <a href="#">FUTY</a> | Fidelity MSCI Utilities Index ETF                       | Utilities          | North America | 0.08% | 2.66 | 6.86 | 61.80 |
| 2 | <a href="#">UTLF</a> | iShares Edge MSCI Multifactor Utilities ETF             | Utilities          | North America | 0.35% | 4.40 | 6.57 | 60.00 |
| 3 | <a href="#">XLU</a>  | Utilities Select Sector SPDR Fund                       | Utilities          | North America | 0.14% | 3.33 | 5.95 | 59.10 |
| 4 | <a href="#">JHMU</a> | John Hancock Multifactor Utilities ETF                  | Utilities          | North America | 0.50% | 4.38 | 6.47 | 58.60 |
| 5 | <a href="#">VPU</a>  | Vanguard Utilities ETF                                  | Utilities          | North America | 0.10% | 4.12 | 5.58 | 55.90 |

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# Equity ETF Select List - Geography



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|   | Ticker               | Name   | Region               | Focus            | TER   | Risk* | Reward* | Quant* |
|---|----------------------|--|----------------------|------------------|-------|-------|---------|--------|
| 1 | <a href="#">EIDO</a> | iShares MSCI Indonesia ETF   | Asia-Pacific         | Broad Equity     | 0.63% | 4.54  | 8.16    | 66.70  |
| 2 | <a href="#">EWY</a>  | iShares MSCI South Korea ETF                                       | Asia-Pacific         | Broad Equity     | 0.62% | 4.09  | 7.53    | 66.50  |
| 3 | <a href="#">FNI</a>  | First Trust Chindia ETF  | Asia-Pacific         | Broad Equity     | 0.60% | 5.61  | 8.49    | 66.20  |
| 4 | <a href="#">FXI</a>  | iShares China Large-Cap ETF  | Asia-Pacific         | Large Cap        | 0.74% | 5.46  | 7.36    | 63.10  |
| 5 | <a href="#">EPHE</a> | iShares MSCI Philippines ETF                                       | Asia-Pacific         | Broad Equity     | 0.58% | 4.92  | 7.34    | 62.20  |
| 1 | <a href="#">TUR</a>  | iShares MSCI Turkey ETF  | Europe               | Broad Equity     | 0.62% | 7.26  | 9.01    | 72.20  |
| 2 | <a href="#">EWU</a>  | iShares MSCI United Kingdom ETF                                    | Europe               | Broad Equity     | 0.49% | 3.47  | 7.54    | 65.50  |
| 3 | <a href="#">EWI</a>  | iShares MSCI Italy ETF   | Europe               | Broad Equity     | 0.49% | 5.97  | 7.37    | 63.00  |
| 4 | <a href="#">EWP</a>  | iShares MSCI Spain ETF   | Europe               | Broad Equity     | 0.49% | 5.98  | 7.12    | 61.80  |
| 5 | <a href="#">EWD</a>  | iShares MSCI Sweden ETF  | Europe               | Broad Equity     | 0.49% | 5.03  | 6.72    | 60.00  |
| 1 | <a href="#">IXJ</a>  | iShares Global Healthcare ETF                                      | Global               | Health Care      | 0.48% | 5.36  | 8.59    | 69.80  |
| 2 | <a href="#">IOO</a>  | iShares Global 100 ETF   | Global               | Large Cap        | 0.40% | 5.75  | 7.88    | 67.00  |
| 3 | <a href="#">FINX</a> | Global X FinTech Thematic ETF                                      | Global               | Technology       | 0.68% | 4.26  | 8.02    | 65.30  |
| 4 | <a href="#">KXI</a>  | iShares Global Consumer Staples ETF                                | Global               | Consumer Staples | 0.48% | 6.23  | 7.33    | 64.80  |
| 5 | <a href="#">XMX</a>  | WisdomTree Global ex-Mexico Equity Fund                            | Global               | Broad Equity     | 0.20% | 2.73  | 7.21    | 63.60  |
| 1 | <a href="#">AADR</a> | AdvisorShares Dorsey Wright ADR ETF                                | Global Ex-U.S.       | Broad Equity     | 0.89% | 7.47  | 8.86    | 68.00  |
| 2 | <a href="#">IDEV</a> | iShares Core MSCI International Developed Markets ETF              | Global Ex-U.S.       | Broad Equity     | 0.05% | 3.09  | 6.96    | 61.90  |
| 3 | <a href="#">DHDG</a> | WisdomTree Dynamic Currency Hedged International Quality Dividen   | Global Ex-U.S.       | Broad Equity     | 0.48% | 2.55  | 7.28    | 61.50  |
| 4 | <a href="#">HDMV</a> | First Trust Horizon Managed Volatility Developed International ETF | Global Ex-U.S.       | Broad Equity     | 0.80% | 4.04  | 7.00    | 61.20  |
| 5 | <a href="#">GSIE</a> | Goldman Sachs ActiveBeta International Equity ETF                  | Global Ex-U.S.       | Broad Equity     | 0.25% | 2.64  | 6.74    | 60.30  |
| 1 | <a href="#">EWW</a>  | iShares MSCI Mexico ETF  | Latin America        | Broad Equity     | 0.49% | 5.70  | 8.05    | 67.50  |
| 2 | <a href="#">EWZ</a>  | iShares MSCI Brazil ETF  | Latin America        | Broad Equity     | 0.63% | 6.31  | 7.63    | 65.10  |
| 3 | <a href="#">ILF</a>  | iShares Latin America 40 ETF                                       | Latin America        | Large Cap        | 0.49% | 6.07  | 7.01    | 61.90  |
| 4 | <a href="#">EPU</a>  | iShares MSCI Peru ETF  | Latin America        | Broad Equity     | 0.63% | 5.43  | 6.82    | 59.20  |
| 5 | <a href="#">FLN</a>  | First Trust Latin America AlphaDEX Fund                            | Latin America        | Broad Equity     | 0.80% | 6.66  | 6.42    | 57.80  |
| 1 | <a href="#">EZA</a>  | iShares MSCI South Africa ETF                                      | Middle East & Africa | Broad Equity     | 0.62% | 7.06  | 6.75    | 58.10  |
| 2 | <a href="#">ITEQ</a> | BlueStar Israel Technology ETF                                     | Middle East & Africa | Technology       | 0.75% | 4.83  | 6.91    | 56.00  |
| 3 | <a href="#">EIS</a>  | iShares MSCI Israel ETF  | Middle East & Africa | Broad Equity     | 0.62% | 4.97  | 6.08    | 54.10  |
| 4 | <a href="#">KSA</a>  | iShares MSCI Saudi Arabia Capped ETF                               | Middle East & Africa | Broad Equity     | 0.74% | 4.89  | 6.58    | 53.50  |
| 5 | <a href="#">ISRA</a> | VanEck Vectors Israel ETF  | Middle East & Africa | Broad Equity     | 0.60% | 4.74  | 5.71    | 50.60  |
| 1 | <a href="#">IBB</a>  | iShares Nasdaq Biotechnology ETF                                   | North America        | Health Care      | 0.47% | 4.88  | 10.00   | 77.10  |
| 2 | <a href="#">QQQE</a> | Direxion NASDAQ 100 Equal Weighted Index Shares                    | North America        | Large Cap        | 0.35% | 4.47  | 8.26    | 68.80  |

|   |                      |  |                   |                     |       |      |      |       |
|---|----------------------|--|-------------------|---------------------|-------|------|------|-------|
| 3 | <a href="#">SLY</a>  | SPDR S&P 600 Small CapETF                        | North America     | Small Cap           | 0.15% | 5.02 | 8.02 | 67.90 |
| 4 | <a href="#">SLYV</a> | SPDR S&P 600 Small CapValue ETF                  | North America     | Small Cap           | 0.15% | 4.75 | 7.87 | 67.50 |
| 5 | <a href="#">FVL</a>  | First Trust Value Line 100 Exchange-Traded Fund  | North America     | Alpha-Seeking       | 0.70% | 4.59 | 8.00 | 66.60 |
| 1 | <a href="#">EMIF</a> | iShares Emerging Markets Infrastructure ETF      | Emerging Markets  | Theme               | 0.75% | 7.18 | 8.33 | 68.20 |
| 2 | <a href="#">EEM</a>  | iShares MSCI Emerging Markets ETF                | Emerging Markets  | Broad Equity        | 0.69% | 5.20 | 6.58 | 59.10 |
| 3 | <a href="#">XCEM</a> | Columbia EM Core ex-China ETF                    | Emerging Markets  | Broad Equity        | 0.35% | 5.15 | 6.69 | 57.40 |
| 4 | <a href="#">CEZ</a>  | VictoryShares Emerging Market Volatility Wtd ETF | Emerging Markets  | Large Cap           | 0.50% | 4.89 | 6.49 | 56.50 |
| 5 | <a href="#">EMXC</a> | iShares MSCI Emerging Markets ex China ETF       | Emerging Markets  | Broad Equity        | 0.49% | 5.59 | 6.22 | 55.40 |
| 1 | <a href="#">EFV</a>  | iShares MSCI EAFE Value ETF                      | Developed Markets | Broad Equity        | 0.40% | 4.85 | 6.32 | 58.60 |
| 2 | <a href="#">HEDJ</a> | WisdomTree Europe Hedged Equity Fund             | Developed Markets | Broad Equity        | 0.58% | 4.77 | 6.19 | 57.60 |
| 3 | <a href="#">GCOW</a> | Pacer Global Cash Cows Dividend ETF              | Developed Markets | High Dividend Yield | 0.60% | 4.01 | 6.43 | 56.90 |
| 4 | <a href="#">EFAV</a> | iShares Edge MSCI Min Vol EAFE ETF               | Developed Markets | Broad Equity        | 0.20% | 3.68 | 5.77 | 56.60 |
| 5 | <a href="#">KLDW</a> | Knowledge Leaders Developed World ETF            | Developed Markets | Broad Equity        | 0.75% | 4.02 | 6.56 | 56.40 |

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# Equity ETF Select List - Strategies



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|   | Ticker               | Name   | Focus               | Region            | TER   | Risk* | Reward* | Quant* |
|---|----------------------|--|---------------------|-------------------|-------|-------|---------|--------|
| 1 | <a href="#">FVL</a>  | First Trust Value Line 100 Exchange-Traded Fund                    | Alpha-Seeking       | North America     | 0.70% | 4.59  | 8.00    | 66.60  |
| 2 | <a href="#">KNOW</a> | Direxion All Cap Insider Sentiment Shares                          | Alpha-Seeking       | North America     | 0.59% | 4.05  | 6.98    | 60.70  |
| 3 | <a href="#">VALX</a> | Validea Market Legends ETF   | Alpha-Seeking       | Global            | 0.81% | 6.10  | 7.26    | 60.10  |
| 4 | <a href="#">WMW</a>  | ELEMENTS Linked to the Morningstar Wide Moat Focus Total Return In | Alpha-Seeking       | North America     | 0.75% | 7.16  | 7.05    | 58.50  |
| 5 | <a href="#">DWAQ</a> | Invesco DWA NASDAQ Momentum ETF                                    | Alpha-Seeking       | North America     | 0.60% | 7.19  | 7.00    | 58.20  |
| 1 | <a href="#">TUR</a>  | iShares MSCI Turkey ETF  | Broad Equity        | Europe            | 0.62% | 7.26  | 9.01    | 72.20  |
| 2 | <a href="#">AADR</a> | AdvisorShares Dorsey Wright ADR ETF                                | Broad Equity        | Global Ex-U.S.    | 0.89% | 7.47  | 8.86    | 68.00  |
| 3 | <a href="#">EWW</a>  | iShares MSCI Mexico ETF  | Broad Equity        | Latin America     | 0.49% | 5.70  | 8.05    | 67.50  |
| 4 | <a href="#">EIDO</a> | iShares MSCI Indonesia ETF   | Broad Equity        | Asia-Pacific      | 0.63% | 4.54  | 8.16    | 66.70  |
| 5 | <a href="#">EWY</a>  | iShares MSCI South Korea ETF                                       | Broad Equity        | Asia-Pacific      | 0.62% | 4.09  | 7.53    | 66.50  |
| 1 | <a href="#">DGRS</a> | WisdomTree U.S. SmallCap Quality Dividend Growth Fund              | High Dividend Yield | North America     | 0.38% | 3.25  | 6.88    | 60.60  |
| 2 | <a href="#">DIVO</a> | Amplify YieldShares CWP Dividend & Option Income ETF               | High Dividend Yield | North America     | 0.96% | 5.24  | 7.06    | 60.30  |
| 3 | <a href="#">EUDG</a> | WisdomTree Europe Quality Dividend Growth Fund                     | High Dividend Yield | Europe            | 0.58% | 3.82  | 6.91    | 60.00  |
| 4 | <a href="#">FDVV</a> | Fidelity Core Dividend ETF   | High Dividend Yield | Global            | 0.29% | 2.31  | 6.97    | 59.90  |
| 5 | <a href="#">DGRW</a> | WisdomTree U.S. Quality Dividend Growth Fund                       | High Dividend Yield | North America     | 0.28% | 1.81  | 6.42    | 59.40  |
| 1 | <a href="#">FTLS</a> | First Trust Long/Short Equity ETF                                  | Long/Short          | Global            | 1.48% | 4.44  | 6.35    | 58.80  |
| 2 | <a href="#">MNA</a>  | IQ Merger Arbitrage ETF  | Long/Short          | Global            | 0.77% | 2.08  | 5.84    | 52.00  |
| 3 | <a href="#">HTUS</a> | Hull Tactical US ETF   | Long/Short          | North America     | 0.91% | 4.61  | 6.25    | 51.20  |
| 4 | <a href="#">MOM</a>  | AGFiQ US Market Neutral Momentum Fund                              | Long/Short          | North America     | 0.75% | 7.63  | 6.17    | 47.10  |
| 5 | <a href="#">ALFA</a> | AlphaClone Alternative Alpha ETF                                   | Long/Short          | North America     | 0.65% | 7.15  | 4.16    | 42.30  |
| 1 | <a href="#">PFF</a>  | iShares US Preferred Stock ETF                                     | Preferred Stock     | North America     | 0.47% | 3.15  | 5.76    | 52.90  |
| 2 | <a href="#">PFXE</a> | VanEck Vectors Preferred Securities ex Financials ETF              | Preferred Stock     | Global            | 0.41% | 2.61  | 5.10    | 51.00  |
| 3 | <a href="#">PSK</a>  | SPDR Wells Fargo Preferred Stock ETF                               | Preferred Stock     | North America     | 0.45% | 3.61  | 4.85    | 47.30  |
| 4 | <a href="#">IPFF</a> | iShares International Preferred Stock ETF                          | Preferred Stock     | Developed Markets | 0.55% | 4.74  | 4.70    | 45.30  |
| 5 | <a href="#">VRP</a>  | Invesco Variable Rate Preferred ETF                                | Preferred Stock     | North America     | 0.50% | 3.96  | 4.51    | 41.00  |
| 1 | <a href="#">EMIF</a> | iShares Emerging Markets Infrastructure ETF                        | Theme               | Emerging Markets  | 0.75% | 7.18  | 8.33    | 68.20  |
| 2 | <a href="#">ARKW</a> | ARK Web x.0 ETF  | Theme               | Global            | 0.75% | 6.08  | 7.48    | 61.50  |
| 3 | <a href="#">SUSA</a> | iShares MSCI USA ESG Select ETF                                    | Theme               | North America     | 0.25% | 3.78  | 6.70    | 60.80  |
| 4 | <a href="#">BOSS</a> | Global X Founder-Run Companies ETF                                 | Theme               | North America     | 0.65% | 6.30  | 7.14    | 60.30  |
| 5 | <a href="#">ARKG</a> | ARK Genomic Revolution Multi-Sector ETF                            | Theme               | Global            | 0.75% | 6.77  | 7.72    | 60.20  |
| 1 | <a href="#">QQQE</a> | Direxion NASDAQ 100 Equal Weighted Index Shares                    | Large Cap           | North America     | 0.35% | 4.47  | 8.26    | 68.80  |
| 2 | <a href="#">IOO</a>  | iShares Global 100 ETF   | Large Cap           | Global            | 0.40% | 5.75  | 7.88    | 67.00  |

|   |                      |  |           |               |       |      |      |       |
|---|----------------------|--|-----------|---------------|-------|------|------|-------|
| 3 | <a href="#">FXI</a>  | iShares China Large-Cap ETF                      | Large Cap | Asia-Pacific  | 0.74% | 5.46 | 7.36 | 63.10 |
| 4 | <a href="#">NOBL</a> | ProShares S&P 500 Aristocrats ETF                | Large Cap | North America | 0.35% | 3.26 | 6.72 | 63.10 |
| 5 | <a href="#">EPS</a>  | WisdomTree U.S. Earnings 500 Fund                | Large Cap | North America | 0.28% | 4.57 | 7.22 | 62.60 |
| 1 | <a href="#">MDYV</a> | SPDR S&P 400 Mid Cap Value ETF                   | Mid Cap   | North America | 0.15% | 4.59 | 7.53 | 65.90 |
| 2 | <a href="#">DON</a>  | WisdomTree U.S. MidCap Dividend Fund             | Mid Cap   | North America | 0.38% | 4.99 | 7.11 | 62.90 |
| 3 | <a href="#">NUMG</a> | NuShares ESG Mid-Cap Growth ETF                  | Mid Cap   | North America | 0.40% | 4.31 | 7.22 | 61.50 |
| 4 | <a href="#">PTMC</a> | Pacer Trendpilot US Mid Cap ETF                  | Mid Cap   | North America | 0.60% | 3.39 | 6.84 | 60.50 |
| 5 | <a href="#">MDYG</a> | SPDR S&P 400 Mid CapGrowth ETF                   | Mid Cap   | North America | 0.15% | 5.01 | 6.59 | 60.20 |
| 1 | <a href="#">SLY</a>  | SPDR S&P 600 Small CapETF                        | Small Cap | North America | 0.15% | 5.02 | 8.02 | 67.90 |
| 2 | <a href="#">SLYV</a> | SPDR S&P 600 Small CapValue ETF                  | Small Cap | North America | 0.15% | 4.75 | 7.87 | 67.50 |
| 3 | <a href="#">SMDV</a> | ProShares Russell 2000 Dividend Growers ETF      | Small Cap | North America | 0.40% | 3.72 | 7.22 | 65.40 |
| 4 | <a href="#">SCAP</a> | Cornerstone Small Cap ETF                        | Small Cap | North America | 0.90% | 5.49 | 7.88 | 64.50 |
| 5 | <a href="#">CSML</a> | IQ Chaikin U.S. Small Cap ETF                    | Small Cap | North America | 0.35% | 3.63 | 6.99 | 61.90 |
| 1 | <a href="#">PZI</a>  | Invesco Zacks Micro Cap ETF                      | Micro Cap | North America | 1.24% | 5.98 | 6.77 | 55.20 |
| 2 | <a href="#">FDM</a>  | First Trust Dow Jones Select Microcap Index Fund | Micro Cap | North America | 0.60% | 3.83 | 5.53 | 52.50 |
| 3 | <a href="#">IWC</a>  | iShares Micro-Cap ETF                            | Micro Cap | North America | 0.60% | 4.88 | 2.69 | 36.50 |
| 4 | <a href="#">WMCR</a> | Invesco Wilshire Micro-Cap ETF                   | Micro Cap | North America | 0.58% | 5.60 | 3.59 | 36.40 |

*continued on next page*

## \*Key

**\*ETF Global 10 Red Diamond Risk Rating:** An ETFG 10 Red Diamond Risk Rating represents the ETFs with the highest risk rating. A 1 Red Diamond Risk Rating represents the ETFs with the lowest risk ratings. ETFG's Risk Rating measures two primary risk categories: Price Risk and Integrity Risk. Price and Integrity risk are equally weighted in the overall risk rating with Price Risk calculating 7 equally weighted underlying measurements covering such aspects as volatility and deviation. Integrity Risk calculates 8 equally weighted underlying measurements regarding the structure and trading characteristics of the security and its sponsor. The Overall Risk Rating Score is aggregated and carried to two decimal places to generate the ETFG Red Diamond Risk Rating. ◆◆◆◆◆◆◆◆◆◆

**\*ETF Global 10 Green Diamond Reward Rating:** An ETF Global 10 Green Diamond Reward Rating reflects an ETF with the most attractive reward rating and a Green Diamond Reward Rating of 1 reflects an individual ETF carrying the least attractive reward rating. ETFG's Green Diamond Reward Rating System is calculated utilizing the ETFG proprietary Model measuring two primary reward categories: Fundamental and Behavioral. Fundamental and Behavioral are equally weighted and driven by ETFG's proprietary algorithms in 25 underlying fields. The Overall Rating Score is aggregated and carried to two decimal places to generate the Reward Rating. ◆◆◆◆◆◆◆◆◆◆

**\*About the ETFG<sup>SM</sup> Quant Model:** The universe of equity ETFs reviewed by ETFG<sup>SM</sup> Quant represents the broadest range of industry groups, sectors and geographic regions. The ETFG<sup>SM</sup> Quant model assigns a daily ranking to all relevant products using proprietary algorithms and employing dozens of industry metrics to gauge how likely an equity ETF will outperform the market in the foreseeable future. ETFG<sup>SM</sup> Quant evaluates four primary categories that drive the results of the model: Behavioral Finance (Technical Analysis & Sentiment), Fundamental Analysis, Global Themes and Quality. For detailed information

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