

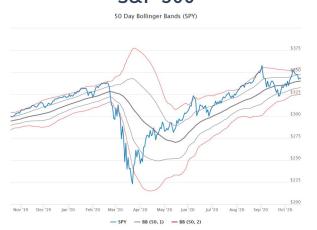








S&P 500

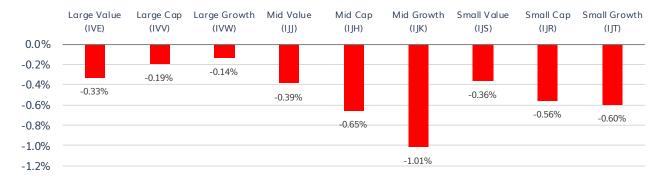








U.S. Size & Style 1-Day Performance



1-Day Leaders

| Ticker | Name | Return |
|--------|--|--------|
| SMDV | ProShares Russell 2000 Dividend Growers ETF | 0.69% |
| MILN | Global X Millennials Thematic ETF | 0.61% |
| FPX | First Trust US Equity Opportunities ETF | 0.40% |
| CSB | VictoryShares US Small Cap High Div Volatility Wtd ETF | 0.37% |
| CSD | Invesco S&P Spin-Off ETF | 0.33% |
| PBP | Invesco S&P 500 BuyWrite ETF | 0.26% |
| XSLV | Invesco S&P SmallCap Low Volatility ETF | 0.23% |
| FDLO | Fidelity Low Volatility Factor ETF | 0.20% |
| LGLV | SPDR SSGA US Large Cap Low Volatility Index ETF | 0.20% |
| CAPE | Barclays ETN+ Shiller CAPE ETN | 0.20% |
| TMFC | Motley Fool 100 Index ETF | 0.18% |

1-Day Laggards

| Ticker | Name | Return |
|--------|--|--------|
| QMOM | Alpha Architect U.S. Quantitative Momentum ETF | -2.22% |
| DWAS | Invesco DWA SmallCap Momentum ETF | -1.95% |
| FNY | First Trust Mid Cap Growth AlphaDEX Fund | -1.76% |
| KOMP | SPDR S&P Kensho New Economies Composite ETF | -1.73% |
| XMMO | Invesco S&P MidCap Momentum ETF | -1.71% |
| RFG | Invesco S&P Midcap 400 Pure Growth ETF | -1.57% |
| FYC | First Trust Small Cap Growth AlphaDEX Fund | -1.49% |
| RZG | Invesco S&P Smallcap 600 Pure Growth ETF | -1.44% |
| JKK | iShares Morningstar Small-Cap Growth ETF | -1.42% |
| VTWG | Vanguard Russell 2000 Growth ETF | -1.40% |
| AIEQ | AI Powered Equity ETF | -1.28% |

Most Overbought (14-Day RSI)

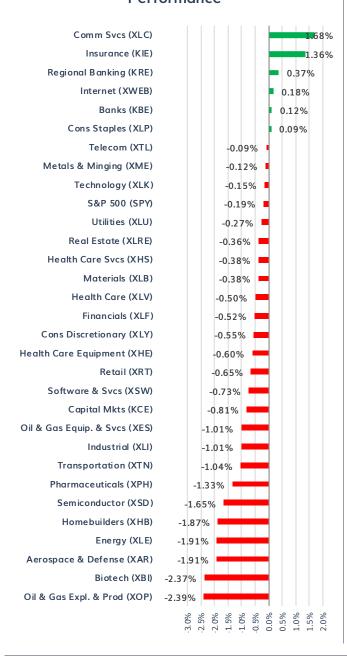
| Ticker | Name | RSI |
|--------|--|-------|
| NUMG | Nuveen ESG Mid-Cap Growth ETF | 65.35 |
| DIVC | C-Tracks ETN Miller/Howard Strategic Dividend Reinvestor | 64.13 |
| FPX | First Trust US Equity Opportunities ETF | 61.09 |
| RFV | Invesco S&P Midcap 400 Pure Value ETF | 61.08 |
| RWJ | Invesco S&P SmallCap 600 Revenue ETF | 60.23 |
| CLRG | IQ Chaikin U.S. Large Cap ETF | 60.14 |
| MILN | Global X Millennials Thematic ETF | 59.67 |
| XSVM | Invesco S&P SmallCap Value with Momentum ETF | 59.66 |
| RWK | Invesco S&P MidCap 400 Revenue ETF | 59.59 |
| XMVM | Invesco S&P MidCap Value with Momentum ETF | 59.51 |
| USLB | Invesco Russell 1000 Low Beta Equal Weight ETF | 59.46 |

| Ticker | Name | RSI |
|--------|--|-------|
| HDV | iShares Core High Dividend ETF | 41.56 |
| QYLD | Global X NASDAQ 100 Covered Call ETF | 43.90 |
| XYLD | Global X S&P 500 Covered Call ETF | 44.50 |
| DHS | WisdomTree U.S. High Dividend Fund | 45.43 |
| FTHI | First Trust BuyWrite Income ETF | 46.23 |
| DIV | Global X SuperDividend US ETF | 46.43 |
| FDL | First Trust Morningstar Dividend Leaders Index Fund | 46.60 |
| VRAI | Virtus Real Asset Income ETF | 46.75 |
| VSMV | VictoryShares US Multi-Factor Minimum Volatility ETF | 47.54 |
| SPHD | Invesco S&P 500 High Dividend Low Volatility ETF | 47.56 |
| OUSA | O'Shares FTSE US Quality Dividend ETF | 48.17 |



U.S. Sectors & Industries

S&P Sector & Industry 1-Day Performance



Select Sector SPDRs Technicals

| Ticker | Fund Name | % From 52W | % From 52W | % Abv/Below 50 | % Abv/Below | RSI (14D) |
|--------|--|------------|------------|----------------|-------------|-----------|
| ricker | | High | Low | SMA | 200 SMA | 1101(112) |
| XLB | Materials Select Sector SPDR Fund | -2.20% | 70.53% | 1.84% | 14.50% | 53.48 |
| XLP | Consumer Staples Select Sector SPDR Fund | -2.30% | 34.28% | 0.87% | 7.02% | 53.32 |
| XLY | Consumer Discretionary Select Sector SPDR Fund | -2.62% | 73.07% | 2.09% | 18.31% | 53.78 |
| XLV | Health Care Select Sector SPDR Fund | -3.31% | 41.81% | -0.23% | 4.96% | 48.49 |
| XLI | Industrial Select Sector SPDR Fund | -5.91% | 64.42% | 2.52% | 11.73% | 55.26 |
| XLC | Communication Services Select Sector SPDR Fund | -6.16% | 51.99% | 0.88% | 11.99% | 54.96 |
| XLK | Technology Select Sector SPDR Fund | -6.22% | 69.22% | 1.39% | 17.53% | 52.63 |
| XLU | Utilities Select Sector SPDR Fund | -10.30% | 41.71% | 5.54% | 5.53% | 66.06 |
| XLRE | Real Estate Select Sector SPDR Fund | -14.98% | 40.02% | -0.84% | 0.33% | 46.41 |
| XLF | Financial Select Sector SPDR Fund | -20.82% | 39.75% | -0.01% | 0.44% | 50.18 |
| XLE | Energy Select Sector SPDR Fund | -52.69% | 24.44% | -11.13% | -23.47% | 37.09 |

1-Day Leaders

| Ticker | Name | Return |
|--------|--|---------|
| ZMLP | Direxion Zacks MLP High Income Index Shares | #VALUE! |
| KBWP | Invesco KBW Property & Casualty Insurance ETF | 3.07% |
| FCOM | Fidelity MSCI Communication Services Index ETF | 1.94% |
| IAK | iShares U.S. Insurance ETF | 1.81% |
| VOX | Vanguard Communication Services ETF | 1.69% |
| XLC | Communication Services Select Sector SPDR Fund | 1.68% |
| KIE | SPDR S&P Insurance ETF | 1.36% |
| PSJ | Invesco Dynamic Software ETF | 1.34% |
| KBWR | Invesco KBW Regional Banking ETF | 1.33% |
| QABA | First Trust NASDAQ ABA Community Bank Index Fund | 1.25% |
| PSCT | Invesco S&P SmallCap Information Technology ETF | 0.66% |

1-Day Laggards

| Ticker | Name | Return |
|--------|---|--------|
| QCLN | First Trust Nasdaq Clean Edge Green Energy Index Fund | -4.21% |
| FXN | First Trust Energy AlphaDEX Fund | -3.67% |
| ITB | iShares U.S. Home Construction ETF | -2.99% |
| IEO | iShares U.S. Oil & Gas Exploration & Production ETF | -2.82% |
| PBE | Invesco Dynamic Biotechnology & Genome ETF | -2.77% |
| FCG | First Trust Natural Gas ETF | -2.46% |
| BTEC | Principal Healthcare Innovators Index ETF | -2.40% |
| XOP | SPDR S&P Oil & Gas Exploration & Production ETF | -2.39% |
| XBI | SPDR S&P BIOTECH ETF | -2.37% |
| PKB | Invesco Dynamic Building & Construction ETF | -2.11% |
| SBIO | ALPS Medical Breakthroughs ETF | -2.09% |

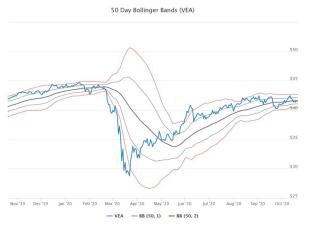
Most Overbought (14-Day RSI)

| Ticker | Name | RSI |
|--------|---|----------|
| ZMLP | Direxion Zacks MLP High Income Index Shares | #N/A N/A |
| RYU | Invesco S&P 500 Equal Weight Utilities ETF | 68.90 |
| FUTY | Fidelity MSCI Utilities Index ETF | 66.75 |
| VPU | Vanguard Utilities ETF | 66.63 |
| XLU | Utilities Select Sector SPDR Fund | 65.91 |
| IDU | iShares U.S. Utilities ETF | 65.40 |
| FIW | First Trust Water ETF | 65.32 |
| PHO | Invesco Water Resources ETF | 65.28 |
| FXU | First Trust Utilities AlphaDEX Fund | 65.08 |
| PUI | Invesco DWA Utilities Momentum ETF | 64.97 |
| PSCT | Invesco S&P SmallCap Information Technology ETF | 64.05 |

| Ticker | Name | RSI |
|--------|---|-------|
| BDCS | ETRACS Wells Fargo Business Development Co. Index | 37.03 |
| BIZD | VanEck Vectors BDC Income ETF | 37.04 |
| XLE | Energy Select Sector SPDR Fund | 37.10 |
| IYE | iShares U.S. Energy ETF | 37.80 |
| FENY | Fidelity MSCI Energy Index ETF | 38.40 |
| VDE | Vanguard Energy ETF | 38.67 |
| IEO | iShares U.S. Oil & Gas Exploration & Production ETF | 39.11 |
| IYZ | iShares U.S. Telecommunications ETF | 39.31 |
| KBWY | Invesco KBW Premium Yield Equity REIT ETF | 39.67 |
| PPTY | PPTY-U.S. Diversified Real Estate ETF | 39.86 |
| RYE | Invesco S&P 500 Equal Weight Energy ETF | 40.28 |

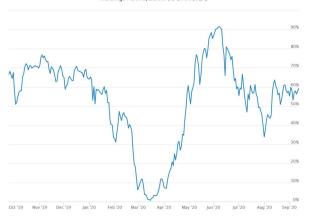
Developed ex-U.S. Equity Markets

Dev ex-U.S. (VEA)









Top 10 Dev ex-U.S. Countries' 1-Day Performance



1-Day Leaders

| Ticker | Name | Return |
|--------|--|--------|
| DFJ | WisdomTree Japan SmallCap Dividend Fund | 1.36% |
| SCJ | iShares MSCI Japan Small-Cap ETF | 1.13% |
| ВВЈР | JPMorgan BetaBuilders Japan ETF | 0.93% |
| FEUZ | First Trust Eurozone AlphaDEX ETF | 0.90% |
| JPXN | iShares JPX-Nikkei 400 ETF | 0.85% |
| FLJP | Franklin FTSE Japan ETF | 0.84% |
| IVAL | Alpha Architect International Quantitative Value ETF | 0.83% |
| EWUS | iShares MSCI United Kingdom Small Cap ETF | 0.81% |
| EWJ | iShares MSCI Japan ETF | 0.78% |
| VPL | Vanguard FTSE Pacific ETF | 0.71% |
| IPAC | iShares Core MSCI Pacific ETF | 0.69% |

1-Day Laggards

| | • • • • | |
|--------|---|--------|
| Ticker | Name | Return |
| HEWU | iShares Currency Hedged MSCI United Kingdom ETF | -2.06% |
| EWI | iShares MSCI Italy ETF | -1.87% |
| HEZU | iShares Currency Hedged MSCI Eurozone ETF | -1.71% |
| GREK | Global X MSCI Greece ETF | -1.67% |
| DBEU | Xtrackers MSCI Europe Hedged Equity ETF | -1.62% |
| ISRA | VanEck Vectors Israel ETF | -1.60% |
| HEWG | iShares Currency Hedged MSCI Germany ETF | -1.58% |
| HEDJ | WisdomTree Europe Hedged Equity Fund | -1.44% |
| EWO | iShares MSCI Austria ETF | -1.42% |
| EWQ | iShares MSCI France ETF | -1.41% |
| EWP | iShares MSCI Spain ETF | -1.36% |

Most Overbought (14-Day RSI)

| Ticker | Name | RSI |
|--------|---|-------|
| SCJ | iShares MSCI Japan Small-Cap ETF | 60.25 |
| EWY | iShares MSCI South Korea ETF | 60.11 |
| DFJ | WisdomTree Japan SmallCap Dividend Fund | 59.47 |
| ВВЈР | JPMorgan BetaBuilders Japan ETF | 57.65 |
| ENZL | iShares MSCI New Zealand ETF | 57.63 |
| EWUS | iShares MSCI United Kingdom Small Cap ETF | 57.57 |
| JPXN | iShares JPX-Nikkei 400 ETF | 57.30 |
| EWJ | iShares MSCI Japan ETF | 56.96 |
| EWS | iShares MSCI Singapore ETF | 56.90 |
| VPL | Vanguard FTSE Pacific ETF | 56.83 |
| FLJP | Franklin FTSE Japan ETF | 56.81 |

| Ticker | Name | RSI |
|--------|---|-------|
| HEWU | iShares Currency Hedged MSCI United Kingdom ETF | 37.18 |
| HEWG | iShares Currency Hedged MSCI Germany ETF | 39.89 |
| LVHI | Legg Mason International Low Volatility High Dividend ETF | 40.39 |
| DBEU | Xtrackers MSCI Europe Hedged Equity ETF | 40.52 |
| GREK | Global X MSCI Greece ETF | 41.37 |
| EUSC | WisdomTree Europe Hedged SmallCap Equity Fund | 42.08 |
| DBEF | Xtrackers MSCI EAFE Hedged Equity ETF | 42.81 |
| EWG | iShares MSCI Germany ETF | 43.96 |
| EWU | iShares MSCI United Kingdom ETF | 44.03 |
| HEFA | iShares Currency Hedged MSCI EAFE ETF | 44.28 |
| EWH | iShares MSCI Hong Kong ETF | 44.29 |

EM & Frontier Equity Markets

Emerging (VWO)







Top 10 EM Countries' 1-Day Performance



1-Day Leaders

| Ticker | . Name | Return |
|--------|--|--------|
| ECH | iShares MSCI Chile ETF | 3.12% |
| EPHE | iShares MSCI Philippines ETF | 2.42% |
| EIDO | iShares MSCI Indonesia ETF | 2.17% |
| EPU | iShares MSCI Peru ETF | 1.88% |
| THD | iShares MSCI Thailand ETF | 1.57% |
| PAK | Global X MSCI Pakistan ETF | 1.53% |
| GXG | Global X MSCI Colombia ETF | 1.34% |
| TUR | iShares MSCI Turkey ETF | 1.32% |
| EZA | iShares MSCI South Africa ETF | 1.19% |
| PXH | Invesco FTSE RAFI Emerging Markets ETF | 0.99% |
| EWW | iShares MSCI Mexico ETF | 0.95% |

1-Day Laggards

| Ticker | Name | Return |
|--------|--|--------|
| ARGT | Global X MSCI Argentina ETF | -1.89% |
| EPOL | iShares MSCI Poland ETF | -1.36% |
| ECNS | iShares MSCI China Small-Cap ETF | -1.25% |
| GLCN | VanEck Vectors ChinaAMC CSI 300 ETF USD | -1.18% |
| EWM | iShares MSCI Malaysia ETF | -1.01% |
| FBZ | First Trust Brazil AlphaDEX Fund | -0.67% |
| VNM | VanEck Vectors Vietnam ETF | -0.53% |
| FM | iShares MSCI Frontier 100 ETF | -0.48% |
| QAT | iShares MSCI Qatar ETF | -0.44% |
| BICK | First Trust BICK Index Fund | -0.40% |
| GLIN | VanEck Vectors India Small-Cap Index ETF | -0.35% |

Most Overbought (14-Day RSI)

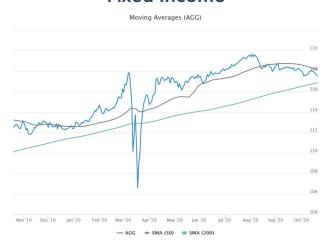
| Ticker | Name | RSI |
|--------|--|-------|
| EPHE | iShares MSCI Philippines ETF | 73.51 |
| ADRE | Invesco BLDRS Emerging Markets 50 ADR Index Fund | 66.91 |
| CXSE | WisdomTree China ex-State-Owned Enterprises Fund | 65.19 |
| EEMX | SPDR MSCI Emerging Markets Fossil Fuel Free ETF | 65.01 |
| NUEM | Nuveen ESG Emerging Markets Equity ETF | 64.98 |
| PAK | Global X MSCI Pakistan ETF | 64.68 |
| МСНІ | iShares MSCI China ETF | 64.51 |
| EWW | iShares MSCI Mexico ETF | 64.19 |
| FXI | iShares China Large-Cap ETF | 64.00 |
| ASHR | Xtrackers Harvest CSI 300 China A-Shares ETF | 63.50 |
| BKF | iShares MSCI BRIC ETF | 63.47 |

| Ticker | Name | RSI |
|--------|--|-------|
| EPOL | iShares MSCI Poland ETF | 35.53 |
| THD | iShares MSCI Thailand ETF | 40.96 |
| ERUS | iShares MSCI Russia ETF | 41.84 |
| RSX | VanEck Vectors Russia ETF | 45.91 |
| UAE | iShares MSCI UAE ETF | 46.11 |
| CEZ | VictoryShares Emerging Market Volatility Wtd ETF | 46.38 |
| QAT | iShares MSCI Qatar ETF | 48.63 |
| EWM | iShares MSCI Malaysia ETF | 48.70 |
| EDIV | SPDR S&P Emerging Markets Dividend ETF | 49.99 |
| DVYE | iShares Emerging Markets Dividend ETF | 50.68 |
| FEM | First Trust Emerging Markets AlphaDEX Fund | 50.75 |



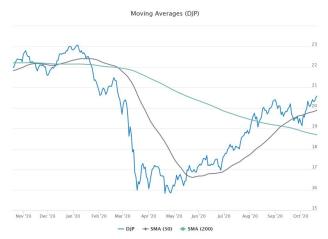
Fixed Income, Commodities & Currencies

Fixed Income



| Ticker | Name | 1-Day | 1-M | YTD |
|--------|-------------------------------|--------|--------|--------|
| AGG | U.S. Aggregate | -0.12% | -0.45% | 6.38% |
| SHY | 1-3 Year Treasury Bonds | 0.00% | -0.01% | 2.97% |
| IEF | 7-10 Year Treasury Bonds | -0.13% | -0.99% | 10.42% |
| TLT | 20+ Year Treasury Bonds | -0.35% | -3.37% | 18.51% |
| TIP | TIPS Bonds | -0.03% | 0.05% | 8.90% |
| FLOT | Floating Rate Bonds | 0.02% | -0.02% | 0.70% |
| LQD | Investment Grade Corporate | -0.16% | -0.54% | 7.46% |
| HYG | High Yield Corporate | -0.01% | 1.64% | 0.02% |
| BKLN | Senior Loan | -0.23% | -0.23% | -1.78% |
| PFF | Preferred & Income Securities | -0.79% | 1.46% | 1.43% |
| MUB | Municipal Bonds | -0.10% | -0.47% | 2.79% |
| MBB | MBS | 0.09% | 0.17% | 3.79% |
| EMB | Dollar Denominated EM Bonds | -0.51% | 0.13% | -0.12% |
| LEMB | Local Currency EM Bonds | 0.40% | 0.57% | -3.74% |

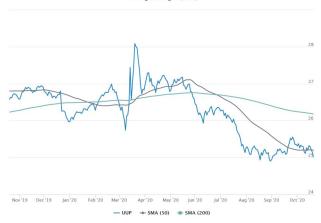
Commodities



| Ticker | Name | 1-Day | 1-M | YTD |
|--------|--------------------------|--------|--------|---------|
| DJP | Broad Commodities | 0.29% | 4.47% | -9.89% |
| DBE | Energy | -2.36% | -0.21% | -34.93% |
| USO | WTI Crude Oil | -3.27% | -0.67% | -72.58% |
| BNO | Brent Crude Oil | -2.68% | -1.31% | -49.40% |
| UNG | Natural Gas | 2.10% | 3.78% | -25.03% |
| UGA | Gasoline | -3.19% | -1.62% | -40.05% |
| DBP | Precious Metals | 0.83% | 0.47% | 27.56% |
| GLD | Gold | 0.75% | 0.60% | 26.38% |
| SLV | Silver | 1.17% | 1.13% | 39.63% |
| PPLT | Platinum | 1.77% | 0.13% | -8.17% |
| PALL | Palladium | 0.20% | 6.31% | 23.67% |
| DBB | Base Metals | 0.95% | 3.38% | 6.56% |
| CPER | Copper | 1.44% | 5.56% | 12.66% |
| LD | Lead | 2.06% | -5.81% | -11.22% |
| JJN | Nickel | 0.32% | 10.45% | 12.16% |
| JJU | Aluminum | 0.44% | 4.17% | -2.75% |
| JJT | Tin | 0.38% | 3.78% | 10.52% |
| DBA | Agriculture | 0.07% | 1.09% | -10.14% |
| CORN | Corn | 0.66% | 6.72% | -6.62% |
| SOYB | Soybeans | 0.43% | 3.10% | 3.10% |
| WEAT | Wheat | 0.00% | 10.27% | 4.62% |
| CANE | Sugar | -0.23% | 5.49% | -9.69% |
| BAL | Cotton | 0.61% | 9.62% | 2.81% |
| NIB | Cocoa | 1.63% | -7.71% | -0.24% |
| JO | Coffee | -1.17% | -7.99% | -24.96% |

Currencies

Moving Averages (UUP)



| Ticker | Name | 1-Day | 1-M | YTD |
|--------|------------------------|--------|--------|--------|
| UUP | Long Dollar | -0.52% | -1.15% | -3.74% |
| UDN | Short Dollar | 0.55% | 1.12% | 3.37% |
| FXE | Euro | 0.30% | 0.72% | 4.97% |
| FXB | British Pound Sterling | 1.60% | 2.56% | -1.01% |
| FXF | Swiss Franc | 0.23% | 0.99% | 6.03% |
| FXY | Japanese Yen | 0.86% | 0.12% | 3.40% |
| FXC | Canadian Dollar | -0.10% | 1.28% | -1.24% |
| FXA | Australian Dollar | 0.95% | -1.42% | 1.18% |
| | | | | |
| | | | | |



Definitions & Disclosures

Disclaimer of Warranties

Except for the express warranties set forth in the terms of service, all services, including all ETF Action materials, are provided on an "as is," "where is" basis, and ETF Action and its licensors disclaim all representations or warranties, express or implied as to the services. ETF Action and its licensors specifically disclaim all implied warranties of merchantability, fitness for a particular purpose, title and non-infringement, and all warranties arising from course of dealing, usage or trade practice. Without limiting the foregoing, ETF Action and its licensors make no warranty of any kind that the services or ETF Action materials, or any products or results of the use thereof, will meet customer's or any other person's requirements, operate without interruption, achieve any intended result, be compatible or work with any software, system or other services, or be secure, accurate, complete, timely, free of harmful code or error free. All third-party materials are provided "as is" and any representation or warranty of or concerning any third-party materials is strictly between customer and the third-party owner or distributor of the third-party materials.

Additional Disclaimers

The services are not intended and should not be construed as financial or investment advice, a recommendation or promotion. Neither ETF Action nor its licensors shall be responsible for investment decisions, damages, or other losses resulting from use of the services. Past performance does not guarantee future performance. Neither ETF Action nor its licensors shall be considered an "expert" under the securities act of 1933. Neither ETF Action nor its licensors warrant that the services comply with the requirements of the NASD or any similar organization or with the securities laws of any jurisdiction. Any information contained in in the services should not be acted upon without obtaining specific legal, tax, and investment advice from a licensed professional.

Distribution prohibited without prior permission. Full terms of service, including terms of use, copyrights, and disclaimers are available at https://www.etfaction.com/terms.

© Copyright ETF Action, LLC. All Rights Reserved.

Data Reliability and Definitions

ETF Action, LLC believes the information herein to be accurate (at time of publication) and was obtained from reliable sources, but makes no guarantees with respect to its accuracy. Calculations of fundamental data are based on weighted averages of reported results and consensus estimates of current ETF constituents. Valuation data (price/earnings, price/sales, price/sales, price/book value) are calculated using per share data divided by current NAV of corresponding ETF. Performance, risk and technical data (moving averages, relative performance, RSI) calculated for specified periods using ETF market price which may differ from net asset value (NAV).

Size & Style, Top 10 dev ex-U.S. countries, and Top 10 EM countries are represented by (VEA,EWJ,EWC,EWU,EWG,EWA,EWH,EWL,EWQ,EWN) and (VWO,EWZ,INDA,MCHI,EWT,EWW,ERUS,THD,EWM,EIDO,EZA). Top countries based on largest exposures in VEA and VWO, respectively. Size & Style 1-day performance ETFs represented by (IVE,IVV,IVW,IJK,IJH,IJJ,IJR,IJS,IJT).

Source Data

FactSet Research Systems



ETF Action is an independent technology and research firm focused on helping advisors build better portfolios, create engaging experiences with their clients, and navigate the vast ETF landscape.

Contact or Follow Us:

- team@etfaction.com
- www.etfaction.com



