









S&P 500







U.S. Size & Style 1-Day Performance



1-Day Leaders

| Ticker | Name | Return |
|--------|--|--------|
| RWJ | Invesco S&P SmallCap 600 Revenue ETF | 4.22% |
| RZV | Invesco S&P Smallcap 600 Pure Value ETF | 4.12% |
| SPHB | Invesco S&P 500 High Beta ETF | 4.04% |
| RDIV | Invesco S&P Ultra Dividend Revenue ETF | 3.71% |
| VRAI | Virtus Real Asset Income ETF | 3.66% |
| OMFS | Invesco Russell 2000 Dynamic Multifactor ETF | 3.58% |
| SYLD | Cambria Shareholder Yield ETF | 3.45% |
| RFV | Invesco S&P Midcap 400 Pure Value ETF | 3.43% |
| JKL | iShares Morningstar Small Cap Value ETF | 3.22% |
| AVUV | Avantis U.S. Small Cap Value ETF | 3.11% |
| XSVM | Invesco S&P SmallCap Value with Momentum ETF | 3.07% |

1-Day Laggards

| Ticker | Name | Return |
|--------|---|--------|
| CLRG | IQ Chaikin U.S. Large Cap ETF | -0.67% |
| DVOL | First Trust Dorsey Wright Momentum & Low Volatility ETF | -0.56% |
| SPMO | Invesco S&P 500 Momentum ETF | -0.36% |
| FTHI | First Trust BuyWrite Income ETF | -0.36% |
| VFMV | Vanguard U.S. Minimum Volatility ETF | -0.31% |
| CCOR | Core Alternative ETF | -0.27% |
| ONEQ | Fidelity Nasdaq Composite Index Tracking Stock | -0.09% |
| MMTM | SPDR S&P 1500 Momentum Tilt ETF | -0.07% |
| SCHG | Schwab U.S. Large-Cap Growth ETF | -0.05% |
| QQQ | Invesco QQQ Trust | 0.00% |
| MGK | Vanguard Mega Cap Growth ETF | 0.01% |
| | | |

Most Overbought (14-Day RSI)

| Ticker | Name | RSI |
|--------|--|-------|
| KOMP | SPDR S&P Kensho New Economies Composite ETF | 77.51 |
| MFMS | Motley Fool Small-Cap Growth ETF | 75.80 |
| VXF | Vanguard Extended Market ETF | 75.00 |
| RZV | Invesco S&P Smallcap 600 Pure Value ETF | 73.45 |
| IWC | iShares Micro-Cap ETF | 73.39 |
| NUSC | Nuveen ESG Small-Cap ETF | 72.87 |
| ESML | iShares ESG MSCI USA Small Cap ETF | 72.73 |
| OMFS | Invesco Russell 2000 Dynamic Multifactor ETF | 72.54 |
| SCHA | Schwab U.S. Small-Cap ETF | 72.16 |
| RWJ | Invesco S&P SmallCap 600 Revenue ETF | 71.75 |
| FNDA | Schwab Fundamental US Small Co. Index ETF | 71.60 |

| Ticker | Name | RSI |
|--------|--|-------|
| SPMO | Invesco S&P 500 Momentum ETF | 48.69 |
| ACIO | Aptus Collared Income Opportunity ETF | 50.54 |
| CCOR | Core Alternative ETF | 50.63 |
| DIVC | C-Tracks ETN Miller/Howard Strategic Dividend Reinvestor | 50.74 |
| SPLV | Invesco S&P 500 Low Volatility ETF | 51.22 |
| UTRN | Vesper U.S. Large Cap Short-Term Reversal Strategy ETF | 51.41 |
| IWY | iShares Russell Top 200 Growth ETF | 52.04 |
| FTHI | First Trust BuyWrite Income ETF | 52.35 |
| PWB | Invesco Dynamic Large Cap Growth ETF | 52.37 |
| MGK | Vanguard Mega Cap Growth ETF | 52.54 |
| ADME | Aptus Drawdown Managed Equity ETF | 52.76 |



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) |
|--------|--|------------|------------|----------------|-------------|-----------|
| Tieker | 1 una 1 una | High | Low | SMA | 200 SMA | 161(112) |
| XLI | Industrial Select Sector SPDR Fund | 0.00% | 80.66% | 9.56% | 23.00% | 67.36 |
| XLB | Materials Select Sector SPDR Fund | -0.04% | 83.42% | 6.79% | 21.39% | 62.48 |
| XLY | Consumer Discretionary Select Sector SPDR Fund | -0.05% | 77.68% | 3.68% | 19.00% | 59.06 |
| XLC | Communication Services Select Sector SPDR Fund | -1.89% | 58.90% | 4.84% | 15.51% | 58.86 |
| XLP | Consumer Staples Select Sector SPDR Fund | -2.39% | 36.79% | 2.46% | 8.73% | 56.06 |
| XLV | Health Care Select Sector SPDR Fund | -3.21% | 45.43% | 1.67% | 7.03% | 50.35 |
| XLK | Technology Select Sector SPDR Fund | -5.47% | 70.57% | 2.19% | 15.89% | 52.80 |
| XLU | Utilities Select Sector SPDR Fund | -10.47% | 41.44% | 1.48% | 6.15% | 46.72 |
| XLF | Financial Select Sector SPDR Fund | -11.16% | 56.80% | 10.33% | 15.35% | 66.67 |
| XLRE | Real Estate Select Sector SPDR Fund | -12.19% | 44.62% | 2.43% | 5.02% | 54.72 |
| XLE | Energy Select Sector SPDR Fund | -38.15% | 62.66% | 22.22% | 7.61% | 71.77 |

1-Day Leaders

| Ticker | Name | Return |
|--------|---|--------|
| XES | SPDR S&P Oil & Gas Equipment & Services ETF | 9.90% |
| IEZ | iShares U.S. Oil Equipment & Services ETF | 8.92% |
| XOP | SPDR S&P Oil & Gas Exploration & Production ETF | 8.91% |
| RYE | Invesco S&P 500 Equal Weight Energy ETF | 8.35% |
| FCG | First Trust Natural Gas ETF | 8.28% |
| FXN | First Trust Energy AlphaDEX Fund | 8.14% |
| IEO | iShares U.S. Oil & Gas Exploration & Production ETF | 8.06% |
| FENY | Fidelity MSCI Energy Index ETF | 7.17% |
| VDE | Vanguard Energy ETF | 7.16% |
| XLE | Energy Select Sector SPDR Fund | 7.07% |
| IYE | iShares U.S. Energy ETF | 7.03% |

1-Day Laggards

| Ticker | Name | Return |
|--------|--|--------|
| SRVR | Pacer Benchmark Data & Infrastructure Real Estate SCTR E | -0.76% |
| REZ | iShares Residential Real Estate ETF | -0.66% |
| IHI | iShares U.S. Medical Devices ETF | -0.64% |
| РЈР | Invesco Dynamic Pharmaceuticals ETF | -0.63% |
| IHE | iShares U.S. Pharmaceuticals ETF | -0.55% |
| XPH | SPDR S&P Pharmaceuticals ETF | -0.39% |
| ICF | iShares Cohen & Steers REIT ETF | -0.34% |
| XLRE | Real Estate Select Sector SPDR Fund | -0.32% |
| SBIO | ALPS Medical Breakthroughs ETF | -0.31% |
| AMU | ETRACS Alerian MLP Index ETN | -0.30% |
| XLV | Health Care Select Sector SPDR Fund | -0.26% |

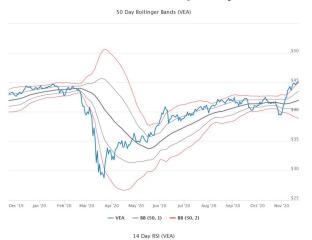
Most Overbought (14-Day RSI)

| Ticker | Name | RSI |
|--------|---|-------|
| QCLN | First Trust Nasdaq Clean Edge Green Energy Index Fund | 80.88 |
| BIZD | VanEck Vectors BDC Income ETF | 76.40 |
| XES | SPDR S&P Oil & Gas Equipment & Services ETF | 76.31 |
| IEZ | iShares U.S. Oil Equipment & Services ETF | 75.95 |
| PSCT | Invesco S&P SmallCap Information Technology ETF | 74.60 |
| XRT | SPDR S&P Retail ETF | 74.52 |
| FCG | First Trust Natural Gas ETF | 74.21 |
| FXN | First Trust Energy AlphaDEX Fund | 73.83 |
| RYE | Invesco S&P 500 Equal Weight Energy ETF | 73.68 |
| AMUB | ETRACS Alerian MLP Index ETN Class B | 73.60 |
| MLPB | ETRACS Alerian MLP Infrastructure Index ETN Series B | 73.43 |
| | | |

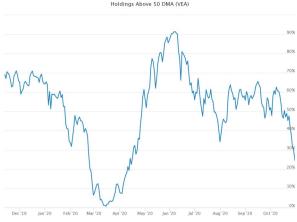
| Ticker | Name | RSI |
|--------|--|-------|
| MLPC | C-Tracks Miller/Howard MLP Fundamental Index ETN | 40.61 |
| SRVR | Pacer Benchmark Data & Infrastructure Real Estate SCTR E | 45.24 |
| XLU | Utilities Select Sector SPDR Fund | 46.72 |
| IHI | iShares U.S. Medical Devices ETF | 47.26 |
| VPU | Vanguard Utilities ETF | 48.08 |
| RYU | Invesco S&P 500 Equal Weight Utilities ETF | 48.22 |
| FBT | First Trust NYSE Arca Biotechnology Index Fund | 48.32 |
| SPMO | Invesco S&P 500 Momentum ETF | 48.69 |
| IDU | iShares U.S. Utilities ETF | 48.73 |
| FUTY | Fidelity MSCI Utilities Index ETF | 49.22 |
| XLV | Health Care Select Sector SPDR Fund | 50.35 |

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 |
|--------|---|--------|
| EWY | iShares MSCI South Korea ETF | 1.94% |
| DXJS | WisdomTree Japan Hedged SmallCap Equity Fund | 1.59% |
| ISRA | VanEck Vectors Israel ETF | 1.48% |
| EIS | iShares MSCI Israel ETF | 1.17% |
| EWS | iShares MSCI Singapore ETF | 1.13% |
| DXJ | WisdomTree Japan Hedged Equity Fund | 0.93% |
| EWO | iShares MSCI Austria ETF | 0.91% |
| FDD | First Trust Stoxx European Select Dividend Index Fund | 0.90% |
| IVAL | Alpha Architect International Quantitative Value ETF | 0.89% |
| ISDX | Invesco RAFI Strategic Developed ex-US ETF | 0.83% |
| HEWJ | iShares Currency Hedged MSCI Japan ETF | 0.81% |

1-Day Laggards

| Ticker | Name | Return |
|--------|--|--------|
| EWH | iShares MSCI Hong Kong ETF | -1.64% |
| EDEN | iShares MSCI Denmark ETF | -1.20% |
| PIZ | Invesco DWA Developed Markets Momentum ETF | -0.96% |
| IMTM | iShares Edge MSCI Intl Momentum Factor ETF | -0.82% |
| EWL | iShares MSCI Switzerland ETF | -0.72% |
| EFAD | ProShares MSCI EAFE Dividend Growers ETF | -0.63% |
| EFAV | iShares Edge MSCI Min Vol EAFE ETF | -0.62% |
| EFG | iShares MSCI EAFE Growth ETF | -0.62% |
| RBIN | Nationwide Risk-Based International Equity ETF | -0.61% |
| IDLV | Invesco S&P International Developed Low Volatility ETF | -0.54% |
| CIZ | VictoryShares Developed Enhanced Volatility Wtd ETF | -0.51% |

Most Overbought (14-Day RSI)

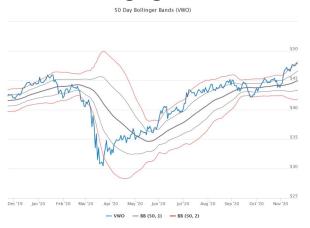
| Ticker | Name | RSI |
|--------|---|-------|
| EWS | iShares MSCI Singapore ETF | 80.32 |
| EWO | iShares MSCI Austria ETF | 77.43 |
| EWUS | iShares MSCI United Kingdom Small Cap ETF | 76.58 |
| EWY | iShares MSCI South Korea ETF | 76.49 |
| FDD | First Trust Stoxx European Select Dividend Index Fund | 74.33 |
| FNDC | Schwab Fundamental International Small Co. Index ETF | 74.04 |
| VPL | Vanguard FTSE Pacific ETF | 73.72 |
| EWP | iShares MSCI Spain ETF | 73.65 |
| FNDF | Schwab Fundamental International Large Co. Index ETF | 73.55 |
| PXF | Invesco FTSE RAFI Developed Markets ex-U.S. ETF | 73.53 |
| CID | VictoryShares International High Div Volatility Wtd ETF | 73.49 |

| Ticker | Name | RSI |
|--------|---|-------|
| PIZ | Invesco DWA Developed Markets Momentum ETF | 54.31 |
| EWL | iShares MSCI Switzerland ETF | 56.01 |
| IMTM | iShares Edge MSCI Intl Momentum Factor ETF | 56.40 |
| EDEN | iShares MSCI Denmark ETF | 57.14 |
| DFJ | WisdomTree Japan SmallCap Dividend Fund | 57.61 |
| ENZL | iShares MSCI New Zealand ETF | 57.81 |
| IMOM | Alpha Architect International Quantitative Momentum ETF | 58.08 |
| IHDG | WisdomTree International Hedged Quality Dividend Growth F | 58.44 |
| DXJS | WisdomTree Japan Hedged SmallCap Equity Fund | 58.56 |
| SCJ | iShares MSCI Japan Small-Cap ETF | 60.53 |
| EWG | iShares MSCI Germany ETF | 60.82 |

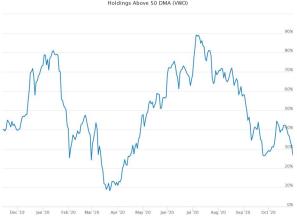


EM & Frontier Equity Markets

Emerging (VWO)







Top 10 EM Countries' 1-Day Performance



1-Day Leaders

| Ticker | . Name | Return |
|--------|--|--------|
| THD | iShares MSCI Thailand ETF | 1.98% |
| EIDO | iShares MSCI Indonesia ETF | 1.76% |
| GXG | Global X MSCI Colombia ETF | 1.58% |
| QAT | iShares MSCI Qatar ETF | 1.45% |
| ADRE | Invesco BLDRS Emerging Markets 50 ADR Index Fund | 1.29% |
| ILF | iShares Latin America 40 ETF | 1.17% |
| GLIN | VanEck Vectors India Small-Cap Index ETF | 1.10% |
| EWT | iShares MSCI Taiwan ETF | 0.96% |
| FNI | First Trust Chindia ETF | 0.96% |
| SMIN | iShares MSCI India Small Cap ETF | 0.96% |
| ARGT | Global X MSCI Argentina ETF | 0.95% |

1-Day Laggards

| | • | |
|--------|--|--------|
| Ticker | Name | Return |
| TUR | iShares MSCI Turkey ETF | -4.25% |
| FBZ | First Trust Brazil AlphaDEX Fund | -2.22% |
| PAK | Global X MSCI Pakistan ETF | -2.15% |
| EZA | iShares MSCI South Africa ETF | -0.88% |
| ECNS | iShares MSCI China Small-Cap ETF | -0.86% |
| GLCN | VanEck Vectors ChinaAMC CSI 300 ETF USD | -0.64% |
| CXSE | WisdomTree China ex-State-Owned Enterprises Fund | -0.55% |
| KSA | iShares MSCI Saudi Arabia ETF | -0.52% |
| EPHE | iShares MSCI Philippines ETF | -0.49% |
| MCHI | iShares MSCI China ETF | -0.45% |
| PIE | Invesco DWA Emerging Markets Momentum ETF | -0.42% |

Most Overbought (14-Day RSI)

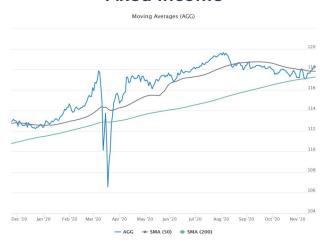
| Ticker | Name | RSI |
|--------|---|-------|
| EWT | iShares MSCI Taiwan ETF | 78.03 |
| TLTE | FlexShares Morningstar Emerging Markets Factor Tilt Index | 77.49 |
| THD | iShares MSCI Thailand ETF | 77.41 |
| EPHE | iShares MSCI Philippines ETF | 75.04 |
| EWW | iShares MSCI Mexico ETF | 75.02 |
| DGS | WisdomTree Emerging Markets SmallCap Dividend Fund | 74.63 |
| EEMS | iShares MSCI Emerging Markets Small Cap ETF | 74.00 |
| SMIN | iShares MSCI India Small Cap ETF | 73.64 |
| CEZ | VictoryShares Emerging Market Volatility Wtd ETF | 73.54 |
| BICK | First Trust BICK Index Fund | 73.27 |
| JHEM | John Hancock Multifactor Emerging Markets ETF | 73.22 |

| Ticker | Name | RSI |
|--------|--|-------|
| PAK | Global X MSCI Pakistan ETF | 41.14 |
| GLCN | VanEck Vectors ChinaAMC CSI 300 ETF USD | 52.13 |
| FBZ | First Trust Brazil AlphaDEX Fund | 57.55 |
| MCHI | iShares MSCI China ETF | 58.03 |
| EZA | iShares MSCI South Africa ETF | 58.72 |
| QAT | iShares MSCI Qatar ETF | 58.94 |
| KSA | iShares MSCI Saudi Arabia ETF | 59.07 |
| GXC | SPDR S&P China ETF | 59.46 |
| CXSE | WisdomTree China ex-State-Owned Enterprises Fund | 59.47 |
| FXI | iShares China Large-Cap ETF | 59.99 |
| EWZS | iShares MSCI Brazil Small-Cap ETF | 60.23 |



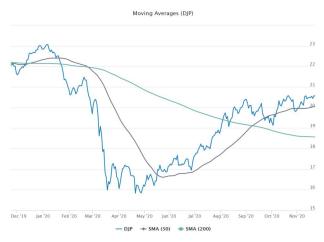
Fixed Income, Commodities & Currencies

Fixed Income



| Ticker | Name | 1-Day | 1-M | YTD |
|--------|-------------------------------|--------|--------|--------|
| AGG | U.S. Aggregate | -0.03% | 0.84% | 7.24% |
| SHY | 1-3 Year Treasury Bonds | 0.00% | 0.00% | 2.95% |
| IEF | 7-10 Year Treasury Bonds | -0.20% | -0.04% | 10.15% |
| TLT | 20+ Year Treasury Bonds | -0.46% | 1.86% | 20.18% |
| TIP | TIPS Bonds | -0.08% | 0.15% | 9.03% |
| FLOT | Floating Rate Bonds | -0.03% | 0.07% | 0.77% |
| LQD | Investment Grade Corporate | 0.12% | 2.53% | 10.21% |
| HYG | High Yield Corporate | 0.15% | 1.83% | 2.15% |
| BKLN | Senior Loan | 0.24% | 1.44% | -0.41% |
| PFF | Preferred & Income Securities | 0.32% | 2.07% | 5.00% |
| MUB | Municipal Bonds | 0.05% | 1.59% | 4.50% |
| MBB | MBS | 0.00% | 0.15% | 3.93% |
| EMB | Dollar Denominated EM Bonds | -0.08% | 3.13% | 3.00% |
| LEMB | Local Currency EM Bonds | -0.64% | 2.83% | -0.80% |

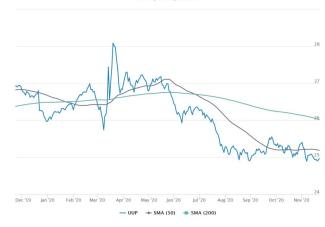
Commodities



| Ticker | Name | 1-Day | 1-M | YTD |
|--------|--------------------------|--------|---------|---------|
| DJP | Broad Commodities | -0.05% | 0.69% | -9.98% |
| DBE | Energy | 0.72% | 4.01% | -32.60% |
| USO | WTI Crude Oil | 0.85% | 5.88% | -71.19% |
| BNO | Brent Crude Oil | 1.42% | 8.45% | -45.23% |
| UNG | Natural Gas | 1.59% | -15.62% | -39.44% |
| UGA | Gasoline | 1.63% | 5.99% | -36.72% |
| DBP | Precious Metals | -2.17% | -4.28% | 20.77% |
| GLD | Gold | -1.97% | -3.59% | 20.52% |
| SLV | Silver | -2.49% | -4.40% | 31.47% |
| PPLT | Platinum | -2.23% | 2.52% | -4.19% |
| PALL | Palladium | 1.84% | -1.69% | 20.78% |
| DBB | Base Metals | -1.53% | 5.43% | 11.78% |
| CPER | Copper | -0.39% | 4.48% | 15.85% |
| LD | Lead | -1.37% | 13.90% | -0.19% |
| JJN | Nickel | -0.14% | 2.69% | 11.86% |
| JJU | Aluminum | -1.05% | 6.97% | 3.88% |
| JJT | Tin | -0.43% | 1.37% | 10.15% |
| DBA | Agriculture | 0.78% | 3.82% | -6.34% |
| CORN | Corn | 1.06% | 3.55% | -3.31% |
| SOYB | Soybeans | 1.01% | 9.85% | 14.09% |
| WEAT | Wheat | 0.68% | -4.23% | 0.51% |
| CANE | Sugar | 0.00% | 1.57% | -7.69% |
| BAL | Cotton | 1.78% | 1.59% | 3.95% |
| NIB | Cocoa | 1.19% | 11.78% | 14.32% |
| JO | Coffee | -1.44% | 6.99% | -18.21% |

Currencies

Moving Averages (UUP)



| Ticker | Name | 1-Day | 1-M | YTD |
|--------|------------------------|--------|--------|--------|
| UUP | Long Dollar | 0.16% | -0.28% | -3.85% |
| UDN | Short Dollar | -0.19% | 0.17% | 3.39% |
| FXE | Euro | -0.18% | -0.30% | 4.67% |
| FXB | British Pound Sterling | 0.21% | 2.09% | 0.26% |
| FXF | Swiss Franc | -0.16% | -0.99% | 5.05% |
| FXY | Japanese Yen | -0.71% | 0.08% | 3.36% |
| FXC | Canadian Dollar | 0.01% | 0.34% | -0.87% |
| FXA | Australian Dollar | -0.30% | 1.96% | 3.51% |
| | | | | |
| | | | | |



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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

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