

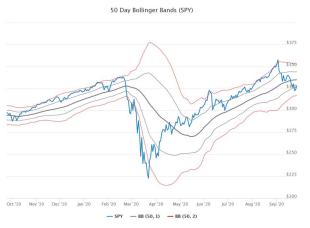






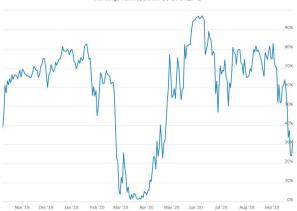


S&P 500



14 Day RSI (SPY)





U.S. Size & Style 1-Day Performance



1-Day Leaders

| Ticker | Name | Return |
|--------|--|--------|
| ENTR | ERShares Entrepreneur 30 ETF | 3.03% |
| QMOM | Alpha Architect U.S. Quantitative Momentum ETF | 2.94% |
| DWAS | Invesco DWA SmallCap Momentum ETF | 2.73% |
| ЈКН | iShares Morningstar Mid-Cap Growth ETF | 2.59% |
| AIEQ | AI Powered Equity ETF | 2.58% |
| QQXT | First Trust Nasdaq-100 Ex-Technology Sector Index Fund | 2.50% |
| TMFC | Motley Fool 100 Index ETF | 2.42% |
| SCHG | Schwab U.S. Large-Cap Growth ETF | 2.41% |
| MTUM | iShares Edge MSCI USA Momentum Factor ETF | 2.39% |
| FPX | First Trust US Equity Opportunities ETF | 2.36% |
| JSMD | Janus Henderson Small/Mid Cap Growth Alpha ETF | 2.36% |

1-Day Laggards

| Ticker | Name | Return |
|--------|--|--------|
| RZV | Invesco S&P Smallcap 600 Pure Value ETF | -0.09% |
| CCOR | Core Alternative ETF | 0.32% |
| DEEP | Roundhill Acquirers Deep Value ETF | 0.44% |
| AVUV | Avantis U.S. Small Cap Value ETF | 0.48% |
| OMFS | Invesco Russell 2000 Dynamic Multifactor ETF | 0.55% |
| FNK | First Trust Mid Cap Value AlphaDEX Fund | 0.66% |
| RWJ | Invesco S&P SmallCap 600 Revenue ETF | 0.68% |
| VIOV | Vanguard S&P Small-Cap 600 Value ETF | 0.75% |
| EES | WisdomTree U.S. SmallCap Fund | 0.76% |
| HDV | iShares Core High Dividend ETF | 0.76% |
| CSB | VictoryShares US Small Cap High Div Volatility Wtd ETF | 0.76% |

Most Overbought (14-Day RSI)

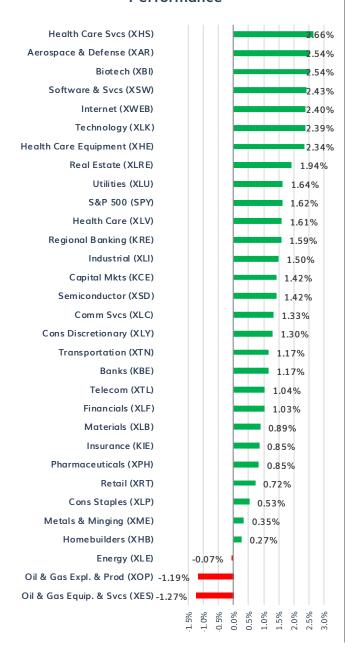
| Ticker | Name | RSI |
|--------|--|-------|
| ENTR | ERShares Entrepreneur 30 ETF | 54.30 |
| FPX | First Trust US Equity Opportunities ETF | 53.30 |
| QMOM | Alpha Architect U.S. Quantitative Momentum ETF | 52.37 |
| ЈКН | iShares Morningstar Mid-Cap Growth ETF | 52.36 |
| XYLD | Global X S&P 500 Covered Call ETF | 52.34 |
| RBUS | Nationwide Risk-Based U.S. Equity ETF | 52.12 |
| GVIP | Goldman Sachs Hedge Industry VIP ETF | 51.94 |
| PDP | Invesco DWA Momentum ETF | 51.12 |
| FNY | First Trust Mid Cap Growth AlphaDEX Fund | 50.86 |
| SPMO | Invesco S&P 500 Momentum ETF | 50.76 |
| PUTW | WisdomTree CBOE S&P 500 PutWrite Strategy Fund | 50.66 |

| Ticker | Name | RSI |
|--------|---|-------|
| FDM | First Trust Dow Jones Select MicroCap Index Fund | 31.46 |
| VRAI | Virtus Real Asset Income ETF | 33.46 |
| HDV | iShares Core High Dividend ETF | 33.91 |
| XSLV | Invesco S&P SmallCap Low Volatility ETF | 33.97 |
| DES | WisdomTree U.S. SmallCap Dividend Fund | 34.23 |
| SMDV | ProShares Russell 2000 Dividend Growers ETF | 34.64 |
| FNK | First Trust Mid Cap Value AlphaDEX Fund | 34.68 |
| FDL | First Trust Morningstar Dividend Leaders Index Fund | 34.75 |
| DIV | Global X SuperDividend US ETF | 34.81 |
| SPVU | Invesco S&P 500 Enhanced Value ETF | 34.92 |
| CSML | IQ Chaikin U.S. Small Cap ETF | 35.03 |



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) |
|--------|--|------------|------------|----------------|-------------|-----------|
| TICKCI | | High | Low | SMA | 200 SMA | KSI (I+D) |
| XLP | Consumer Staples Select Sector SPDR Fund | -5.69% | 29.63% | -1.34% | 3.66% | 42.83 |
| XLV | Health Care Select Sector SPDR Fund | -5.87% | 38.06% | -2.80% | 2.53% | 41.80 |
| XLY | Consumer Discretionary Select Sector SPDR Fund | -6.40% | 64.57% | 0.23% | 14.52% | 47.39 |
| XLB | Materials Select Sector SPDR Fund | -6.59% | 62.87% | -0.77% | 10.13% | 44.37 |
| XLC | Communication Services Select Sector SPDR Fund | -10.16% | 45.50% | -2.27% | 8.22% | 43.35 |
| XLI | Industrial Select Sector SPDR Fund | -10.25% | 56.84% | 0.65% | 6.17% | 48.05 |
| XLK | Technology Select Sector SPDR Fund | -10.30% | 61.85% | -0.42% | 15.06% | 48.29 |
| XLU | Utilities Select Sector SPDR Fund | -17.27% | 30.69% | -1.65% | -2.98% | 48.17 |
| XLRE | Real Estate Select Sector SPDR Fund | -17.31% | 36.17% | -3.19% | -3.00% | 42.94 |
| XLF | Financial Select Sector SPDR Fund | -24.64% | 33.01% | -4.43% | -6.48% | 37.24 |
| XLE | Energy Select Sector SPDR Fund | -51.31% | 28.04% | -15.18% | -26.51% | 25.13 |

1-Day Leaders

| Ticker | . Name | Return |
|--------|---|--------|
| PTH | Invesco DWA Healthcare Momentum ETF | 3.83% |
| PTF | Invesco DWA Technology Momentum ETF | 3.54% |
| QCLN | First Trust Nasdaq Clean Edge Green Energy Index Fund | 3.35% |
| BDCS | ETRACS Wells Fargo Business Development Co. Index | 3.30% |
| BTEC | Principal Healthcare Innovators Index ETF | 2.96% |
| IHF | iShares U.S. Healthcare Providers ETF | 2.90% |
| PSJ | Invesco Dynamic Software ETF | 2.71% |
| BIZD | VanEck Vectors BDC Income ETF | 2.68% |
| XHS | SPDR S&P Health Care Services ETF | 2.66% |
| IYW | iShares U.S. Technology ETF | 2.60% |
| FDN | First Trust Dow Jones Internet Index Fund | 2.56% |

1-Day Laggards

| Ticker | Name | Return |
|--------|---|--------|
| IEZ | iShares U.S. Oil Equipment & Services ETF | -1.90% |
| RYE | Invesco S&P 500 Equal Weight Energy ETF | -1.31% |
| FCG | First Trust Natural Gas ETF | -1.29% |
| XES | SPDR S&P Oil & Gas Equipment & Services ETF | -1.27% |
| XOP | SPDR S&P Oil & Gas Exploration & Production ETF | -1.19% |
| AMU | ETRACS Alerian MLP Index ETN | -0.42% |
| IEO | iShares U.S. Oil & Gas Exploration & Production ETF | -0.33% |
| MLPI | ETRACS Alerian MLP Infrastructure Index ETN | -0.33% |
| VDE | Vanguard Energy ETF | -0.20% |
| FENY | Fidelity MSCI Energy Index ETF | -0.13% |
| XLE | Energy Select Sector SPDR Fund | -0.07% |

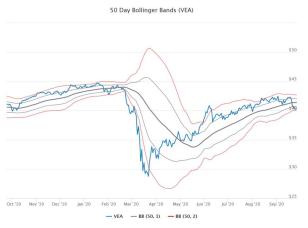
Most Overbought (14-Day RSI)

| Ticker | Name | RSI |
|--------|---|-------|
| BTEC | Principal Healthcare Innovators Index ETF | 56.90 |
| PTF | Invesco DWA Technology Momentum ETF | 54.90 |
| IYT | iShares Transportation Average ETF | 54.70 |
| PTH | Invesco DWA Healthcare Momentum ETF | 54.00 |
| XITK | SPDR FactSet Innovative Technology ETF | 53.66 |
| FXL | First Trust Technology AlphaDEX Fund | 51.58 |
| PSJ | Invesco Dynamic Software ETF | 51.58 |
| QCLN | First Trust Nasdaq Clean Edge Green Energy Index Fund | 51.51 |
| IBB | iShares NASDAQ Biotechnology ETF | 50.59 |
| PNQI | Invesco NASDAQ Internet ETF | 50.52 |
| XBI | SPDR S&P BIOTECH ETF | 50.43 |

| Ticker | Name | RSI |
|--------|--|-------|
| AMJ | J.P. Morgan Alerian MLP Index ETN | 22.65 |
| AMU | ETRACS Alerian MLP Index ETN | 22.73 |
| MLPI | ETRACS Alerian MLP Infrastructure Index ETN | 23.22 |
| MLPA | Global X MLP ETF | 23.89 |
| AMZA | InfraCap MLP ETF | 24.08 |
| AMLP | Alerian MLP ETF | 24.29 |
| MLPB | ETRACS Alerian MLP Infrastructure Index ETN Series B | 24.65 |
| AMUB | ETRACS Alerian MLP Index ETN Class B | 25.13 |
| XLE | Energy Select Sector SPDR Fund | 25.43 |
| IYE | iShares U.S. Energy ETF | 25.59 |
| ZMLP | Direxion Zacks MLP High Income Index Shares | 25.77 |

Developed ex-U.S. Equity Markets

Dev ex-U.S. (VEA)

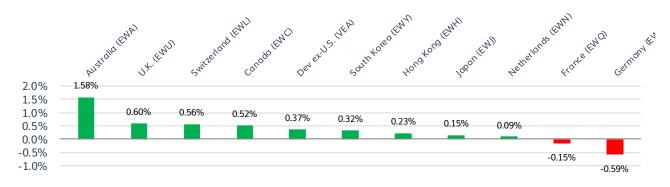








Top 10 Dev ex-U.S. Countries' 1-Day Performance



1-Day Leaders

| Ticker | Name | Return |
|--------|---|--------|
| EWUS | iShares MSCI United Kingdom Small Cap ETF | 2.19% |
| EIRL | iShares MSCI Ireland ETF | 2.04% |
| GREK | Global X MSCI Greece ETF | 1.84% |
| EWA | iShares MSCI Australia ETF | 1.58% |
| ISRA | VanEck Vectors Israel ETF | 1.58% |
| IMOM | Alpha Architect International Quantitative Momentum ETF | 1.41% |
| TOK | iShares MSCI Kokusai ETF | 1.22% |
| ENZL | iShares MSCI New Zealand ETF | 1.21% |
| EPP | iShares MSCI Pacific ex-Japan ETF | 1.14% |
| SCJ | iShares MSCI Japan Small-Cap ETF | 1.08% |
| BBAX | JPMorgan BetaBuilders Developed Asia ex-Japan ETF | 1.07% |

1-Day Laggards

| Ticker | Name | Return |
|--------|---|--------|
| EWI | iShares MSCI Italy ETF | -0.90% |
| EWG | iShares MSCI Germany ETF | -0.59% |
| FDD | First Trust Stoxx European Select Dividend Index Fund | -0.55% |
| FSZ | First Trust Switzerland AlphaDEX Fund | -0.40% |
| HEWG | iShares Currency Hedged MSCI Germany ETF | -0.28% |
| IVLU | iShares Edge MSCI Intl Value Factor ETF | -0.26% |
| FEZ | SPDR EURO STOXX 50 ETF | -0.25% |
| HDEF | Xtrackers MSCI EAFE High Dividend Yield Equity ETF | -0.25% |
| EZU | iShares MSCI Eurozone ETF | -0.24% |
| EWP | iShares MSCI Spain ETF | -0.23% |
| CID | VictoryShares International High Div Volatility Wtd ETF | -0.22% |

Most Overbought (14-Day RSI)

| Ticker | Name | RSI |
|--------|---|-------|
| SCJ | iShares MSCI Japan Small-Cap ETF | 65.54 |
| DFJ | WisdomTree Japan SmallCap Dividend Fund | 63.63 |
| DXJS | WisdomTree Japan Hedged SmallCap Equity Fund | 63.05 |
| FJP | First Trust Japan AlphaDEX Fund | 57.51 |
| ВВЈР | JPMorgan BetaBuilders Japan ETF | 55.74 |
| FLJP | Franklin FTSE Japan ETF | 55.52 |
| EWJ | iShares MSCI Japan ETF | 55.29 |
| HEWJ | iShares Currency Hedged MSCI Japan ETF | 55.27 |
| IMOM | Alpha Architect International Quantitative Momentum ETF | 55.26 |
| JPXN | iShares JPX-Nikkei 400 ETF | 55.20 |
| DBJP | Xtrackers MSCI Japan Hedged Equity ETF | 54.49 |

| Ticker | Name | RSI |
|--------|---|-------|
| FDD | First Trust Stoxx European Select Dividend Index Fund | 23.45 |
| EWO | iShares MSCI Austria ETF | 29.37 |
| IDOG | ALPS International Sector Dividend Dogs ETF | 29.44 |
| DTH | WisdomTree International High Dividend Fund | 30.88 |
| IDV | iShares International Select Dividend ETF | 31.99 |
| EWP | iShares MSCI Spain ETF | 32.34 |
| HDEF | Xtrackers MSCI EAFE High Dividend Yield Equity ETF | 32.55 |
| FEZ | SPDR EURO STOXX 50 ETF | 33.72 |
| EWQ | iShares MSCI France ETF | 33.72 |
| CID | VictoryShares International High Div Volatility Wtd ETF | 34.07 |
| EFV | iShares MSCI EAFE Value ETF | 34.48 |

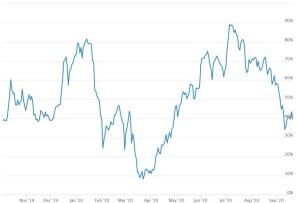
EM & Frontier Equity Markets

Emerging (VWO)









Top 10 EM Countries' 1-Day Performance



1-Day Leaders

| Ticker | Name | Return |
|--------|--|--------|
| EIDO | iShares MSCI Indonesia ETF | 2.65% |
| SMIN | iShares MSCI India Small Cap ETF | 2.38% |
| GLIN | VanEck Vectors India Small-Cap Index ETF | 2.15% |
| EPI | WisdomTree India Earnings Fund | 2.04% |
| INDA | iShares MSCI India ETF | 1.97% |
| PIN | Invesco India ETF | 1.65% |
| FNI | First Trust Chindia ETF | 1.63% |
| INDY | iShares India 50 ETF | 1.53% |
| BICK | First Trust BICK Index Fund | 1.50% |
| QAT | iShares MSCI Qatar ETF | 1.13% |
| FM | iShares MSCI Frontier 100 ETF | 0.94% |

1-Day Laggards

| | , 35 | |
|--------|---|--------|
| Ticker | Name | Return |
| FLN | First Trust Latin America AlphaDEX Fund | -2.92% |
| ECNS | iShares MSCI China Small-Cap ETF | -2.01% |
| EZA | iShares MSCI South Africa ETF | -1.64% |
| RFEM | First Trust Riverfront Dynamic Emerging Markets ETF | -1.14% |
| EWZS | iShares MSCI Brazil Small-Cap ETF | -1.05% |
| BRF | VanEck Vectors Brazil Small-Cap ETF | -1.05% |
| FXI | iShares China Large-Cap ETF | -1.00% |
| FEM | First Trust Emerging Markets AlphaDEX Fund | -0.98% |
| RSX | VanEck Vectors Russia ETF | -0.95% |
| FBZ | First Trust Brazil AlphaDEX Fund | -0.93% |
| ERUS | iShares MSCI Russia ETF | -0.92% |
| | | |

Most Overbought (14-Day RSI)

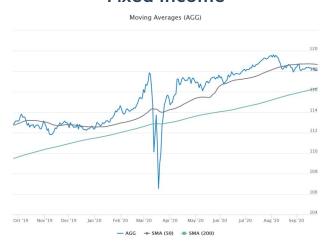
| Ticker | Name | RSI |
|--------|----------------------------------|-------|
| FM | iShares MSCI Frontier 100 ETF | 61.29 |
| KSA | iShares MSCI Saudi Arabia ETF | 59.50 |
| PAK | Global X MSCI Pakistan ETF | 52.27 |
| QAT | iShares MSCI Qatar ETF | 50.69 |
| SMIN | iShares MSCI India Small Cap ETF | 49.54 |
| GLIN | VanEck Vectors India Growth Le | 48.70 |
| FNI | First Trust Chindia ETF | 47.82 |
| EWM | iShares MSCI Malaysia ETF | 46.65 |
| VNM | VanEck Vectors Vietnam ETF | 45.86 |
| INDA | iShares MSCI India ETF | 45.85 |
| TUR | iShares MSCI Turkey ETF | 45.79 |

| Ticker | Name | RSI |
|--------|--|-------|
| DEM | WisdomTree Emerging Markets High Dividend Fund | 25.45 |
| THD | iShares MSCI Thailand ETF | 26.82 |
| EDIV | SPDR S&P Emerging Markets Dividend ETF | 27.18 |
| DVYE | iShares Emerging Markets Dividend ETF | 27.35 |
| FEM | First Trust Emerging Markets AlphaDEX Fund | 29.20 |
| PXH | Invesco FTSE RAFI Emerging Markets ETF | 30.25 |
| FEMS | First Trust Emerging Markets Small Cap AlphaDEX Fund | 30.72 |
| EPOL | iShares MSCI Poland ETF | 31.02 |
| FXI | iShares China Large-Cap ETF | 31.21 |
| FNDE | Schwab Fundamental Emerging Markets Large Co. Index ET | 31.40 |
| UEVM | VictoryShares USAA MSCI Emerging Markets Value Mome | 31.73 |



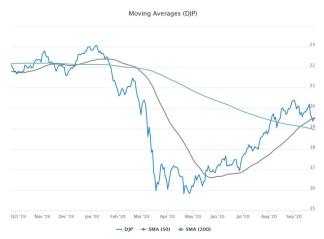
Fixed Income, Commodities & Currencies

Fixed Income



| Ticker | Name | 1-Day | 1-M | YTD |
|--------|-------------------------------|--------|--------|--------|
| AGG | U.S. Aggregate | 0.03% | -0.05% | 6.76% |
| SHY | 1-3 Year Treasury Bonds | 0.01% | 0.05% | 3.01% |
| IEF | 7-10 Year Treasury Bonds | 0.08% | 0.42% | 11.67% |
| TLT | 20+ Year Treasury Bonds | 0.00% | 0.39% | 23.17% |
| TIP | TIPS Bonds | 0.13% | 0.12% | 8.99% |
| FLOT | Floating Rate Bonds | -0.04% | 0.09% | 0.63% |
| LQD | Investment Grade Corporate | -0.10% | -0.82% | 6.94% |
| HYG | High Yield Corporate | -0.18% | -2.27% | -2.37% |
| BKLN | Senior Loan | -0.28% | -0.15% | -2.37% |
| PFF | Preferred & Income Securities | 1.29% | -0.85% | 0.08% |
| MUB | Municipal Bonds | 0.17% | -0.08% | 3.31% |
| MBB | MBS | 0.03% | -0.02% | 3.72% |
| EMB | Dollar Denominated EM Bonds | 0.48% | -2.34% | -1.01% |
| LEMB | Local Currency EM Bonds | -0.36% | -1.12% | -5.47% |

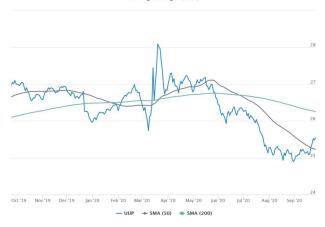
Commodities



| Ticker | Name | 1-Day | 1-M | YTD |
|--------|--------------------------|--------|---------|---------|
| DJP | Broad Commodities | -0.05% | -2.45% | -14.67% |
| DBE | Energy | 0.21% | -6.71% | -34.38% |
| USO | WTI Crude Oil | -0.53% | -8.31% | -72.34% |
| BNO | Brent Crude Oil | -0.09% | -10.02% | -48.73% |
| UNG | Natural Gas | -1.86% | -8.87% | -25.03% |
| UGA | Gasoline | 1.92% | -4.64% | -37.70% |
| DBP | Precious Metals | -0.20% | -6.34% | 22.10% |
| GLD | Gold | -0.28% | -3.47% | 22.42% |
| SLV | Silver | -1.21% | -13.97% | 27.70% |
| PPLT | Platinum | 0.13% | -8.72% | -11.94% |
| PALL | Palladium | -0.25% | 2.26% | 13.69% |
| DBB | Base Metals | 0.07% | -1.70% | 0.74% |
| CPER | Copper | 0.46% | 0.22% | 5.02% |
| LD | Lead | -1.56% | -9.01% | -9.17% |
| JJN | Nickel | -0.08% | -5.62% | 0.04% |
| JJU | Aluminum | -0.32% | -2.61% | -8.05% |
| JJT | Tin | -2.45% | -2.17% | 0.68% |
| DBA | Agriculture | 0.07% | 0.90% | -11.65% |
| CORN | Corn | 0.24% | 1.35% | -13.85% |
| SOYB | Soybeans | 0.26% | 5.93% | -1.90% |
| WEAT | Wheat | -0.91% | 1.12% | -7.01% |
| CANE | Sugar | 0.00% | 0.66% | -13.25% |
| BAL | Cotton | -0.06% | 0.12% | -5.61% |
| NIB | Cocoa | -1.74% | 3.16% | 5.87% |
| JO | Coffee | 2.92% | -7.62% | -17.18% |

Currencies

Moving Averages (UUP)



| Ticker | Name | 1-Day | 1-M | YTD |
|--------|------------------------|--------|--------|--------|
| UUP | Long Dollar | 0.27% | 1.67% | -1.62% |
| UDN | Short Dollar | -0.38% | -1.85% | 1.10% |
| FXE | Euro | -0.39% | -1.82% | 2.95% |
| FXB | British Pound Sterling | 0.02% | -3.08% | -3.99% |
| FXF | Swiss Franc | -0.25% | -2.41% | 3.36% |
| FXY | Japanese Yen | -0.19% | 0.69% | 2.40% |
| FXC | Canadian Dollar | -0.22% | -1.58% | -3.05% |
| FXA | Australian Dollar | -0.28% | -2.28% | -0.01% |
| | | | | |
| | | | | |



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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

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.

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