







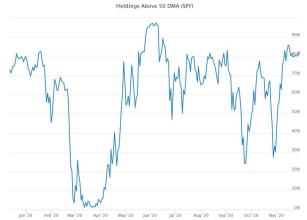


S&P 500

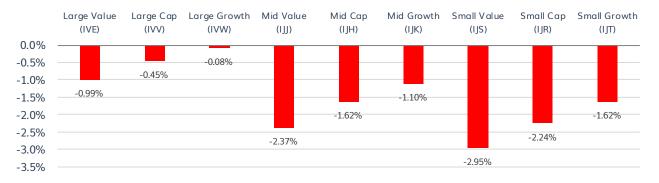








U.S. Size & Style 1-Day Performance



1-Day Leaders

Ticker	Name	Return
SPMO	Invesco S&P 500 Momentum ETF	0.78%
IWP	iShares Russell Mid-Cap Growth ETF	0.76%
FTC	First Trust Large Cap Growth AlphaDEX Fund	0.70%
RBUS	Nationwide Risk-Based U.S. Equity ETF	0.67%
FDMO	Fidelity Momentum Factor ETF	0.64%
ENTR	ERShares Entrepreneur 30 ETF	0.63%
PWB	Invesco Dynamic Large Cap Growth ETF	0.63%
DVOL	First Trust Dorsey Wright Momentum & Low Volatility ETF	0.62%
VOT	Vanguard Mid-Cap Growth ETF	0.54%
QQEW	First Trust Nasdaq-100 Equal Weighted Index Fund	0.49%
MTUM	iShares Edge MSCI USA Momentum Factor ETF	0.48%

1-Day Laggards

Ticker	Name	Return
FYT	First Trust Small Cap Value AlphaDEX Fund	-3.77%
RZV	Invesco S&P Smallcap 600 Pure Value ETF	-3.45%
DEEP	Roundhill Acquirers Deep Value ETF	-3.35%
RDIV	Invesco S&P Ultra Dividend Revenue ETF	-3.35%
OMFS	Invesco Russell 2000 Dynamic Multifactor ETF	-3.22%
SPHB	Invesco S&P 500 High Beta ETF	-3.18%
AVUV	Avantis U.S. Small Cap Value ETF	-3.15%
XSVM	Invesco S&P SmallCap Value with Momentum ETF	-3.14%
VIOV	Vanguard S&P Small-Cap 600 Value ETF	-3.03%
RWJ	Invesco S&P SmallCap 600 Revenue ETF	-2.98%
JKL	iShares Morningstar Small Cap Value ETF	-2.98%

Most Overbought (14-Day RSI)

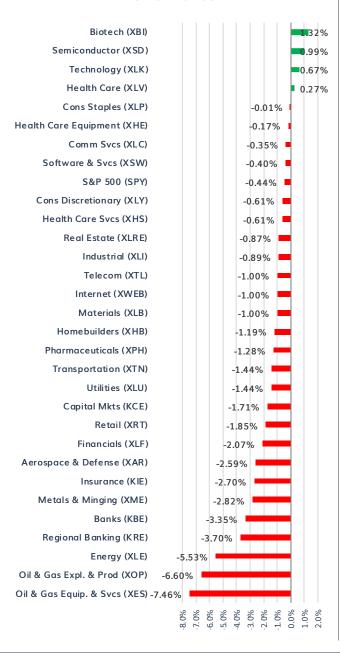
Ticker	Name	RSI
KOMP	SPDR S&P Kensho New Economies Composite ETF	73.74
MFMS	Motley Fool Small-Cap Growth ETF	73.44
FCTR	First Trust Lunt U.S. Factor Rotation ETF	72.99
VXF	Vanguard Extended Market ETF	72.89
FPX	First Trust US Equity Opportunities ETF	72.06
IWC	iShares Micro-Cap ETF	71.56
VTWG	Vanguard Russell 2000 Growth ETF	71.00
MXDU	Nationwide Maximum Diversification US Core Equity ETF	70.79
QQXT	First Trust Nasdaq-100 Ex-Technology Sector Index Fund	70.40
NUMG	Nuveen ESG Mid-Cap Growth ETF	70.36
VOT	Vanguard Mid-Cap Growth ETF	70.25

Ticker	Name	RSI
FTHI	First Trust BuyWrite Income ETF	49.52
CCOR	Core Alternative ETF	49.89
DIVC	C-Tracks ETN Miller/Howard Strategic Dividend Reinvestor	50.74
SMDV	ProShares Russell 2000 Dividend Growers ETF	54.07
UTRN	Vesper U.S. Large Cap Short-Term Reversal Strategy ETF	55.46
SPLV	Invesco S&P 500 Low Volatility ETF	55.48
REGL	ProShares S&P MidCap 400 Dividend Aristocrats ETF	55.83
SDY	SPDR S&P Dividend ETF	55.98
ADME	Aptus Drawdown Managed Equity ETF	56.03
ACIO	Aptus Collared Income Opportunity ETF	56.30
PEY	Invesco High Yield Equity Dividend Achievers ETF	56.33



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)
TTCKCI		High	Low	SMA	200 SMA	RSI (I IB)
XLC	Communication Services Select Sector SPDR Fund	-0.35%	62.61%	6.26%	17.73%	64.45
XLY	Consumer Discretionary Select Sector SPDR Fund	-0.61%	79.83%	4.09%	19.81%	60.90
XLB	Materials Select Sector SPDR Fund	-1.53%	85.11%	6.83%	21.91%	60.57
XLI	Industrial Select Sector SPDR Fund	-1.81%	80.50%	8.06%	22.65%	62.63
XLP	Consumer Staples Select Sector SPDR Fund	-1.82%	37.59%	2.61%	9.24%	58.42
XLV	Health Care Select Sector SPDR Fund	-2.12%	47.07%	2.46%	8.07%	55.93
XLK	Technology Select Sector SPDR Fund	-2.79%	75.40%	4.32%	18.54%	60.94
XLF	Financial Select Sector SPDR Fund	-10.56%	57.87%	9.42%	16.42%	61.45
XLU	Utilities Select Sector SPDR Fund	-11.47%	39.86%	-0.40%	5.24%	42.29
XLRE	Real Estate Select Sector SPDR Fund	-12.95%	43.36%	1.35%	4.46%	49.80
XLE	Energy Select Sector SPDR Fund	-40.70%	55.96%	15.08%	4.27%	57.56

1-Day Leaders

Ticker	Name	Return
XBI	SPDR S&P BIOTECH ETF	1.32%
IBB	iShares NASDAQ Biotechnology ETF	1.23%
BTEC	Principal Healthcare Innovators Index ETF	1.17%
SOXX	iShares PHLX Semiconductor ETF	1.16%
SBIO	ALPS Medical Breakthroughs ETF	1.13%
XSD	SPDR S&P Semiconductor ETF	0.99%
PTF	Invesco DWA Technology Momentum ETF	0.74%
IHI	iShares U.S. Medical Devices ETF	0.73%
QTEC	First Trust NASDAQ-100 Technology Sector Index Fund	0.70%
VGT	Vanguard Information Technology ETF	0.67%
XLK	Technology Select Sector SPDR Fund	0.67%

1-Day Laggards

Ticker	Name	Return
XES	SPDR S&P Oil & Gas Equipment & Services ETF	-7.46%
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	-6.77%
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	-6.60%
FCG	First Trust Natural Gas ETF	-6.30%
IEZ	iShares U.S. Oil Equipment & Services ETF	-6.19%
RYE	Invesco S&P 500 Equal Weight Energy ETF	-5.84%
VDE	Vanguard Energy ETF	-5.54%
XLE	Energy Select Sector SPDR Fund	-5.53%
FENY	Fidelity MSCI Energy Index ETF	-5.52%
IYE	iShares U.S. Energy ETF	-5.46%
FXN	First Trust Energy AlphaDEX Fund	-5.16%

Most Overbought (14-Day RSI)

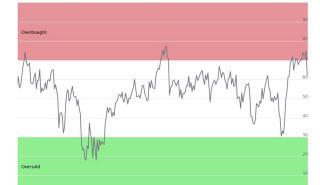
Ticker	Name	RSI
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	74.82
PSCT	Invesco S&P SmallCap Information Technology ETF	74.05
XSW	SPDR S&P Software & Services ETF	73.62
XBI	SPDR S&P BIOTECH ETF	73.47
SKYY	First Trust Cloud Computing ETF	72.18
BTEC	Principal Healthcare Innovators Index ETF	72.18
XSD	SPDR S&P Semiconductor ETF	71.85
PSI	Invesco Dynamic Semiconductors ETF	71.20
BIZD	VanEck Vectors BDC Income ETF	71.19
FXL	First Trust Technology AlphaDEX Fund	70.65
SOXX	iShares PHLX Semiconductor ETF	69.67

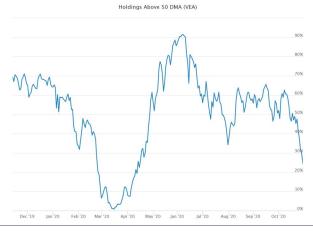
Ticker	Name	RSI
MLPC	C-Tracks Miller/Howard MLP Fundamental Index ETN	40.61
XLU	Utilities Select Sector SPDR Fund	42.86
RYU	Invesco S&P 500 Equal Weight Utilities ETF	43.97
VPU	Vanguard Utilities ETF	44.33
IDU	iShares U.S. Utilities ETF	44.61
FUTY	Fidelity MSCI Utilities Index ETF	44.75
FXU	First Trust Utilities AlphaDEX Fund	46.83
SRVR	Pacer Benchmark Data & Infrastructure Real Estate SCTR E	47.57
PUI	Invesco DWA Utilities Momentum ETF	47.92
ITB	iShares U.S. Home Construction ETF	49.53
ICF	iShares Cohen & Steers REIT ETF	49.81

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
IMOM	Alpha Architect International Quantitative Momentum ETF	0.96%
ENZL	iShares MSCI New Zealand ETF	0.51%
FGM	First Trust Germany AlphaDEX Fund	-0.11%
FEUZ	First Trust Eurozone AlphaDEX ETF	-0.12%
PIZ	Invesco DWA Developed Markets Momentum ETF	-0.16%
HEWG	iShares Currency Hedged MSCI Germany ETF	-0.24%
IMTM	iShares Edge MSCI Intl Momentum Factor ETF	-0.31%
EDEN	iShares MSCI Denmark ETF	-0.36%
EWG	iShares MSCI Germany ETF	-0.55%
EWUS	iShares MSCI United Kingdom Small Cap ETF	-0.56%
EWC	iShares MSCI Canada ETF	-0.72%

1-Day Laggards

Ticker	Name	Return
DFJ	WisdomTree Japan SmallCap Dividend Fund	-3.48%
EWS	iShares MSCI Singapore ETF	-3.38%
IVAL	Alpha Architect International Quantitative Value ETF	-3.20%
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	-3.13%
FLJP	Franklin FTSE Japan ETF	-2.98%
EWH	iShares MSCI Hong Kong ETF	-2.98%
ВВЈР	JPMorgan BetaBuilders Japan ETF	-2.89%
SCJ	iShares MSCI Japan Small-Cap ETF	-2.89%
IVLU	iShares Edge MSCI Intl Value Factor ETF	-2.84%
EWJ	iShares MSCI Japan ETF	-2.78%
IDOG	ALPS International Sector Dividend Dogs ETF	-2.75%

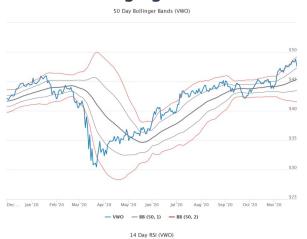
Most Overbought (14-Day RSI)

Ticker	Name	RSI
FEUZ	First Trust Eurozone AlphaDEX ETF	72.30
EWO	iShares MSCI Austria ETF	71.09
GREK	Global X MSCI Greece ETF	71.01
FGM	First Trust Germany AlphaDEX Fund	70.01
EWC	iShares MSCI Canada ETF	69.91
BBCA	JPMorgan BetaBuilders Canada ETF	69.74
EWP	iShares MSCI Spain ETF	69.40
IMOM	Alpha Architect International Quantitative Momentum ETF	69.14
EWI	iShares MSCI Italy ETF	68.47
EUSC	WisdomTree Europe Hedged SmallCap Equity Fund	67.93
EIRL	iShares MSCI Ireland ETF	67.92

Ticker	Name	RSI
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	45.25
DFJ	WisdomTree Japan SmallCap Dividend Fund	46.23
IDLV	Invesco S&P International Developed Low Volatility ETF	50.25
SCJ	iShares MSCI Japan Small-Cap ETF	50.31
EWL	iShares MSCI Switzerland ETF	53.70
EWH	iShares MSCI Hong Kong ETF	54.25
IVAL	Alpha Architect International Quantitative Value ETF	54.77
HEWU	iShares Currency Hedged MSCI United Kingdom ETF	54.88
DXJ	WisdomTree Japan Hedged Equity Fund	54.94
PIZ	Invesco DWA Developed Markets Momentum ETF	55.71
EFAV	iShares Edge MSCI Min Vol EAFE ETF	56.38

EM & Frontier Equity Markets

Emerging (VWO)







Top 10 EM Countries' 1-Day Performance



1-Day Leaders

Ticker	Name	Return
UAE	iShares MSCI UAE ETF	2.02%
QAT	iShares MSCI Qatar ETF	1.18%
PAK	Global X MSCI Pakistan ETF	0.45%
KSA	iShares MSCI Saudi Arabia ETF	-0.16%
ARGT	Global X MSCI Argentina ETF	-0.38%
EPU	iShares MSCI Peru ETF	-0.45%
EEMS	iShares MSCI Emerging Markets Small Cap ETF	-0.48%
CEZ	VictoryShares Emerging Market Volatility Wtd ETF	-0.66%
FEMS	First Trust Emerging Markets Small Cap AlphaDEX Fund	-0.69%
PIN	Invesco India ETF	-0.72%
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	-0.78%

1-Day Laggards

Ticker	Name	Return
EZA	iShares MSCI South Africa ETF	-4.22%
EIDO	iShares MSCI Indonesia ETF	-4.06%
PGJ	Invesco Golden Dragon China ETF	-3.64%
FM	iShares MSCI Frontier 100 ETF	-3.37%
ECH	iShares MSCI Chile ETF	-3.34%
FXI	iShares China Large-Cap ETF	-3.33%
TUR	iShares MSCI Turkey ETF	-3.26%
МСНІ	iShares MSCI China ETF	-3.18%
EEMX	SPDR MSCI Emerging Markets Fossil Fuel Free ETF	-3.12%
BKF	iShares MSCI BRIC ETF	-2.85%
GXC	SPDR S&P China ETF	-2.81%

Most Overbought (14-Day RSI)

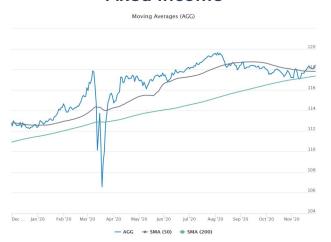
Ticker	Name	RSI
UAE	iShares MSCI UAE ETF	79.20
EEMS	iShares MSCI Emerging Markets Small Cap ETF	75.72
ARGT	Global X MSCI Argentina ETF	72.74
FEMS	First Trust Emerging Markets Small Cap AlphaDEX Fund	72.55
GXG	Global X MSCI Colombia ETF	71.18
EWX	SPDR S&P Emerging Markets Small Cap ETF	71.02
CEZ	VictoryShares Emerging Market Volatility Wtd ETF	70.47
SMIN	iShares MSCI India Small Cap ETF	70.12
DGS	WisdomTree Emerging Markets SmallCap Dividend Fund	69.39
BICK	First Trust BICK Index Fund	69.25
EPU	iShares MSCI Peru ETF	68.01

Ticker	Name	RSI
GLCN	VanEck Vectors ChinaAMC CSI 300 ETF USD	45.38
FM	iShares MSCI Frontier 100 ETF	49.02
EZA	iShares MSCI South Africa ETF	49.36
MCHI	iShares MSCI China ETF	49.53
GXC	SPDR S&P China ETF	50.57
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	51.29
EPHE	iShares MSCI Philippines ETF	52.07
BKF	iShares MSCI BRIC ETF	52.24
EMGF	iShares Edge MSCI Multifactor Emerging Markets ETF	52.68
PGJ	Invesco Golden Dragon China ETF	53.16
FXI	iShares China Large-Cap ETF	53.24



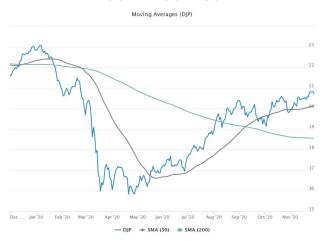
Fixed Income, Commodities & Currencies

Fixed Income



Ticker	Name	1-Day	1-M	YTD
AGG	U.S. Aggregate	0.14%	1.21%	7.38%
SHY	1-3 Year Treasury Bonds	0.02%	0.02%	2.99%
IEF	7-10 Year Treasury Bonds	-0.07%	0.34%	10.27%
TLT	20+ Year Treasury Bonds	-0.12%	1.66%	19.62%
TIP	TIPS Bonds	0.11%	1.21%	9.63%
FLOT	Floating Rate Bonds	0.04%	0.16%	0.84%
LQD	Investment Grade Corporate	0.35%	3.77%	10.81%
HYG	High Yield Corporate	-0.10%	3.35%	2.47%
BKLN	Senior Loan	-0.27%	2.67%	-0.19%
PFF	Preferred & Income Securities	-0.24%	4.60%	5.14%
MUB	Municipal Bonds	-0.09%	1.62%	4.42%
MBB	MBS	-0.02%	0.05%	3.91%
EMB	Dollar Denominated EM Bonds	-0.19%	4.22%	3.20%
LEMB	Local Currency EM Bonds	-0.61%	4.82%	-0.48%

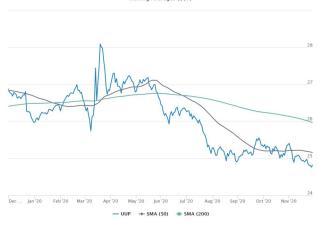
Commodities



Name	1-Day	1-M	YTD
Broad Commodities	-0.62%	4.23%	-9.41%
Energy	-0.80%	17.08%	-29.73%
WTI Crude Oil	-0.80%	22.65%	-69.78%
Brent Crude Oil	-0.83%	25.74%	-42.83%
Natural Gas	3.21%	-16.80%	-37.13%
Gasoline	-1.67%	20.22%	-34.40%
Precious Metals	-0.47%	-5.41%	16.72%
Gold	-0.67%	-5.41%	16.63%
Silver	0.00%	-4.27%	26.20%
Platinum	0.30%	13.98%	-0.21%
Palladium	-2.00%	7.65%	22.08%
Base Metals	0.41%	10.78%	15.60%
Copper	1.03%	12.74%	21.61%
Lead	-2.08%	15.71%	3.27%
Nickel	-1.71%	6.02%	12.27%
Aluminum	2.60%	11.43%	8.04%
Tin	-1.33%	5.48%	10.42%
Agriculture	-0.64%	6.94%	-6.04%
Corn	-1.67%	6.15%	-4.39%
Soybeans	-1.83%	9.80%	11.88%
Wheat	-3.21%	-1.55%	-2.22%
Sugar	-1.55%	4.09%	-9.40%
Cotton	-1.49%	2.23%	1.58%
Cocoa	-0.66%	20.89%	13.35%
Coffee	-0.79%	15.23%	-13.01%
	Broad Commodities Energy WTI Crude Oil Brent Crude Oil Natural Gas Gasoline Precious Metals Gold Silver Platinum Palladium Base Metals Copper Lead Nickel Aluminum Tin Agriculture Corn Soybeans Wheat Sugar Cotton Cocoa	Broad Commodities -0.62% Energy -0.80% WTI Crude Oil -0.83% Brent Crude Oil -0.83% Natural Gas 3.21% Gasoline -1.67% Precious Metals -0.47% Gold -0.67% Silver 0.00% Paltinum 0.30% Palladium -2.00% Base Metals 0.41% Copper 1.03% Lead -2.08% Nickel -1.71% Aluminum 2.60% Tin -1.33% Agriculture -0.64% Corn -1.67% Soybeans -1.83% Wheat -3.21% Sugar -1.55% Cotton -1.49% Cocoa -0.66%	Broad Commodities -0.62% 4.23% Energy -0.80% 17.08% WTI Crude Oil -0.80% 22.65% Brent Crude Oil -0.83% 25.74% Natural Gas 3.21% -16.80% Gasoline -1.67% 20.22% Precious Metals -0.47% -5.41% Gold -0.67% -5.41% Silver 0.00% -4.27% Platinum 0.30% 13.98% Palladium -2.00% 7.65% Base Metals 0.41% 10.78% Copper 1.03% 12.74% Lead -2.08% 15.71% Nickel -1.71% 6.02% Aluminum 2.60% 11.43% Tin -1.33% 5.48% Agriculture -0.64% 6.94% Corn -1.67% 6.15% Soybeans -1.83% 9.80% Wheat -3.21% -1.55% Sugar -1.55% 2.23%

Currencies

Moving Averages (UUP)



Name	1-Day	1-M	YTD
Long Dollar	0.24%	-2.17%	-4.43%
Short Dollar	-0.26%	2.11%	3.90%
Euro	-0.25%	2.36%	5.48%
British Pound Sterling	0.14%	2.89%	0.34%
Swiss Franc	-0.45%	0.75%	5.40%
Japanese Yen	-0.37%	0.23%	3.51%
Canadian Dollar	0.03%	2.57%	-0.11%
Australian Dollar	-0.68%	4.41%	4.27%
	Long Dollar Short Dollar Euro British Pound Sterling Swiss Franc Japanese Yen Canadian Dollar	Long Dollar 0.24% Short Dollar -0.26% Euro -0.25% British Pound Sterling 0.14% Swiss Franc -0.45% Japanese Yen -0.37% Canadian Dollar 0.03%	Long Dollar 0.24% -2.17% Short Dollar -0.26% 2.11% Euro -0.25% 2.36% British Pound Sterling 0.14% 2.89% Swiss Franc -0.45% 0.75% Japanese Yen -0.37% 0.23% Canadian Dollar 0.03% 2.57%



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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



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