

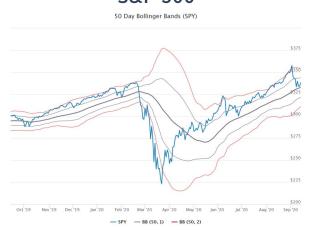






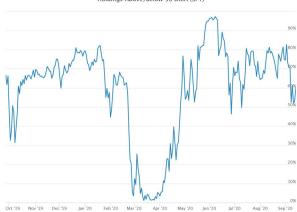


S&P 500









U.S. Size & Style 1-Day Performance



1-Day Leaders

Ticker	Name	Return
DWAS	Invesco DWA SmallCap Momentum ETF	4.34%
GURU	Global X Guru Index ETF	3.49%
FNY	First Trust Mid Cap Growth AlphaDEX Fund	3.19%
QMOM	Alpha Architect U.S. Quantitative Momentum ETF	3.16%
IWC	iShares Micro-Cap ETF	3.14%
VTWG	Vanguard Russell 2000 Growth ETF	3.03%
VBK	Vanguard Small-Cap Growth ETF	2.96%
NUSC	Nuveen ESG Small-Cap ETF	2.94%
IWO	iShares Russell 2000 Growth ETF	2.93%
FNX	First Trust Mid Cap Core AlphaDEX Fund	2.93%
VXF	Vanguard Extended Market ETF	2.92%

1-Day Laggards

Ticker	Name	Return
USLB	Invesco Russell 1000 Low Beta Equal Weight ETF	-0.73%
FTHI	First Trust BuyWrite Income ETF	-0.51%
PBP	Invesco S&P 500 BuyWrite ETF	0.21%
BUFF	Innovator Laddered Fund of S&P 500 Power Buffer ETF	0.40%
BJAN	Innovator S&P 500 Buffer ETF - January	0.46%
DJD	Invesco Dow Jones Industrial Average Dividend ETF	0.81%
UTRN	Vesper U.S. Large Cap Short-Term Reversal Strategy ETF	0.85%
HDV	iShares Core High Dividend ETF	0.89%
VSMV	VictoryShares US Multi-Factor Minimum Volatility ETF	0.89%
XMLV	Invesco S&P MidCap Low Volatility ETF	0.90%
BOCT	Innovator S&P 500 Buffer ETF - October	0.93%
VSMV XMLV	VictoryShares US Multi-Factor Minimum Volatility ETF Invesco S&P MidCap Low Volatility ETF	0.89%

Most Overbought (14-Day RSI)

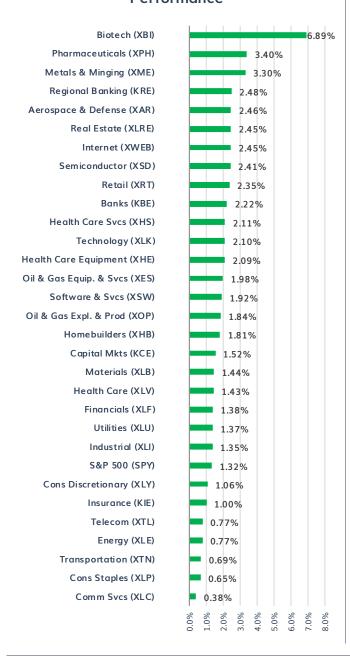
Ticker	Name	RSI
CLRG	IQ Chaikin U.S. Large Cap ETF	61.23
CSD	Invesco S&P Spin-Off ETF	59.30
GURU	Global X Guru Index ETF	57.64
CAPE	Barclays ETN+ Shiller CAPE ETN	56.74
VSDA	VictoryShares Dividend Accelerator ETF	56.04
COWZ	Pacer US Cash Cows 100 ETF	55.88
SYLD	Cambria Shareholder Yield ETF	55.87
KNG	Cboe Vest S&P 500 Dividend Aristocrats Target Income ETF	55.46
ONEY	SPDR Russell 1000 Yield Focus ETF	55.36
BIBL	Inspire 100 ETF	55.34
NOBL	ProShares S&P 500 Dividend Aristocrats ETF	55.27

Ticker	Name	RSI
FTHI	First Trust BuyWrite Income ETF	37.08
XMLV	Invesco S&P MidCap Low Volatility ETF	43.32
XSLV	Invesco S&P SmallCap Low Volatility ETF	43.75
DIV	Global X SuperDividend US ETF	43.95
NUMG	Nuveen ESG Mid-Cap Growth ETF	44.04
SMDV	ProShares Russell 2000 Dividend Growers ETF	44.07
ADME	Aptus Drawdown Managed Equity ETF	44.33
DES	WisdomTree U.S. SmallCap Dividend Fund	44.59
VIOG	Vanguard S&P Small-Cap 600 Growth ETF	44.76
SMMV	iShares Edge MSCI Min Vol USA Small-Cap ETF	44.80
IJT	iShares S&P Small-Cap 600 Growth ETF	44.91



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	i und ivanic	High	Low	SMA	200 SMA	ROI (I ID)
XLB	Materials Select Sector SPDR Fund	-0.33%	72.13%	6.46%	16.72%	63.00
XLP	Consumer Staples Select Sector SPDR Fund	-2.65%	33.81%	2.72%	7.05%	54.50
XLV	Health Care Select Sector SPDR Fund	-3.06%	42.17%	0.31%	5.71%	50.18
XLY	Consumer Discretionary Select Sector SPDR Fund	-3.99%	68.81%	4.34%	18.36%	55.16
XLI	Industrial Select Sector SPDR Fund	-7.71%	61.29%	5.47%	8.90%	58.91
XLC	Communication Services Select Sector SPDR Fund	-7.88%	49.20%	0.80%	11.52%	45.37
XLK	Technology Select Sector SPDR Fund	-9.21%	63.82%	1.79%	17.73%	47.93
XLRE	Real Estate Select Sector SPDR Fund	-13.14%	43.05%	1.92%	1.56%	54.27
XLU	Utilities Select Sector SPDR Fund	-15.84%	32.96%	0.23%	-1.68%	51.69
XLF	Financial Select Sector SPDR Fund	-19.63%	41.85%	2.34%	-1.44%	53.47
XLE	Energy Select Sector SPDR Fund	-46.98%	39.46%	-9.51%	-22.40%	30.39

1-Day Leaders

Ticker	Name	Return
PTH	Invesco DWA Healthcare Momentum ETF	8.01%
BTEC	Principal Healthcare Innovators Index ETF	7.45%
XBI	SPDR S&P BIOTECH ETF	6.89%
SBIO	ALPS Medical Breakthroughs ETF	6.23%
IBB	iShares NASDAQ Biotechnology ETF	5.42%
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	4.68%
PBE	Invesco Dynamic Biotechnology & Genome ETF	4.07%
NURE	Nuveen Short-Term REIT ETF	3.98%
FBT	First Trust NYSE Arca Biotechnology Index Fund	3.94%
FXH	First Trust Health Care AlphaDEX Fund	3.79%
MORT	VanEck Vectors Mortgage REIT Income ETF	3.62%

1-Day Laggards

Ticker	Name	Return
PBJ	Invesco Dynamic Food & Beverage ETF	0.25%
XLC	Communication Services Select Sector SPDR Fund	0.38%
VOX	Vanguard Communication Services ETF	0.54%
FCOM	Fidelity MSCI Communication Services Index ETF	0.54%
PSCI	Invesco S&P SmallCap Industrials ETF	0.55%
IYE	iShares U.S. Energy ETF	0.64%
XLP	Consumer Staples Select Sector SPDR Fund	0.65%
XTN	SPDR S&P Transportation ETF	0.69%
VDC	Vanguard Consumer Staples ETF	0.69%
FDN	First Trust Dow Jones Internet Index Fund	0.72%
RHS	Invesco S&P 500 Equal Weight Consumer Staples ETF	0.72%

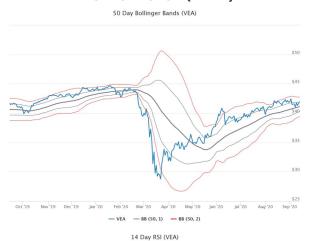
Most Overbought (14-Day RSI)

Ticker	Name	RSI
IYT	iShares Transportation Average ETF	65.52
RCD	Invesco S&P 500 Equal Weight Consumer Discretionary ETF	65.26
RTM	Invesco S&P 500 Equal Weight Materials ETF	63.39
XLB	Materials Select Sector SPDR Fund	62.84
XTN	SPDR S&P Transportation ETF	61.86
NURE	Nuveen Short-Term REIT ETF	61.41
REZ	iShares Residential Real Estate ETF	61.21
PYZ	Invesco DWA Basic Materials Momentum ETF	60.78
FMAT	Fidelity MSCI Materials Index ETF	60.74
PSL	Invesco DWA Consumer Staples Momentum ETF	60.24
VAW	Vanguard Materials ETF	60.07

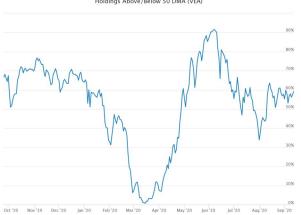
Ticker	Name	RSI
VDE	Vanguard Energy ETF	29.29
IYE	iShares U.S. Energy ETF	30.43
XLE	Energy Select Sector SPDR Fund	30.77
FENY	Fidelity MSCI Energy Index ETF	31.38
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	32.32
FCG	First Trust Natural Gas ETF	32.61
AMJ	J.P. Morgan Alerian MLP Index ETN	33.02
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	33.24
RYE	Invesco S&P 500 Equal Weight Energy ETF	33.84
MLPA	Global X MLP ETF	34.26
FXN	First Trust Energy AlphaDEX Fund	34.51

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
GREK	Global X MSCI Greece ETF	4.16%
EIS	iShares MSCI Israel ETF	3.49%
ISRA	VanEck Vectors Israel ETF	3.18%
EWY	iShares MSCI South Korea ETF	2.08%
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	1.93%
ENZL	iShares MSCI New Zealand ETF	1.75%
CIL	VictoryShares International Volatility Wtd ETF	1.43%
GWX	SPDR S&P International Small Cap ETF	1.29%
IVAL	Alpha Architect International Quantitative Value ETF	1.25%
DFJ	WisdomTree Japan SmallCap Dividend Fund	1.24%
PDN	Invesco FTSE RAFI Developed Markets ex-US Small-Mid ${\rm E}$	1.21%

1-Day Laggards

	2 2	
Ticker	Name	Return
FDD	First Trust Stoxx European Select Dividend Index Fund	-0.23%
EWI	iShares MSCI Italy ETF	-0.19%
HEWU	iShares Currency Hedged MSCI United Kingdom ETF	-0.12%
LVHI	Legg Mason International Low Volatility High Dividend ETF	-0.06%
HEWG	iShares Currency Hedged MSCI Germany ETF	-0.03%
IJUL	Innovator MSCI EAFE Power Buffer ETF - July of Benef Int	0.02%
HDEF	Xtrackers MSCI EAFE High Dividend Yield Equity ETF	0.05%
RBIN	Nationwide Risk-Based International Equity ETF	0.05%
HEDJ	WisdomTree Europe Hedged Equity Fund	0.09%
HEZU	iShares Currency Hedged MSCI Eurozone ETF	0.10%
DOL	WisdomTree International LargeCap Dividend Fund	0.11%

Most Overbought (14-Day RSI)

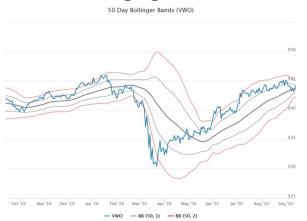
Ticker	Name	RSI
DFJ	WisdomTree Japan SmallCap Dividend Fund	70.11
SCJ	iShares MSCI Japan Small-Cap ETF	69.40
JPXN	iShares JPX-Nikkei 400 ETF	65.11
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	64.69
FLJP	Franklin FTSE Japan ETF	63.64
DXJ	WisdomTree Japan Hedged Equity Fund	63.15
ВВЈР	JPMorgan BetaBuilders Japan ETF	62.83
EWJ	iShares MSCI Japan ETF	62.53
GWX	SPDR S&P International Small Cap ETF	61.45
GREK	Global X MSCI Greece ETF	61.25
EWY	iShares MSCI South Korea ETF	60.68

Ticker	Name	RSI
EIS	iShares MSCI Israel ETF	41.76
EWUS	iShares MSCI United Kingdom Small Cap ETF	44.02
ISRA	VanEck Vectors Israel ETF	44.37
EWP	iShares MSCI Spain ETF	45.47
FLGB	Franklin FTSE United Kingdom ETF	45.67
EWS	iShares MSCI Singapore ETF	45.67
EWU	iShares MSCI United Kingdom ETF	45.74
IDOG	ALPS International Sector Dividend Dogs ETF	47.37
EWA	iShares MSCI Australia ETF	47.86
LVHI	Legg Mason International Low Volatility High Dividend ETF	48.01
IMOM	Alpha Architect International Quantitative Momentum ETF	48.79



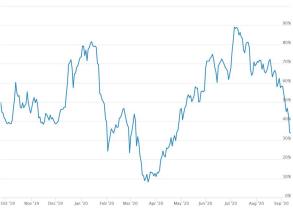
EM & Frontier Equity Markets

Emerging (VWO)









Top 10 EM Countries' 1-Day Performance



1-Day Leaders

Ticker	Name	Return
EWZS	iShares MSCI Brazil Small-Cap ETF	4.27%
EIDO	iShares MSCI Indonesia ETF	3.93%
BRF	VanEck Vectors Brazil Small-Cap ETF	3.81%
FBZ	First Trust Brazil AlphaDEX Fund	3.71%
SMIN	iShares MSCI India Small Cap ETF	3.41%
EWZ	iShares MSCI Brazil ETF	3.26%
FLBR	Franklin FTSE Brazil ETF	3.15%
BICK	First Trust BICK Index Fund	2.66%
GLIN	VanEck Vectors India Small-Cap Index ETF	2.65%
EWW	iShares MSCI Mexico ETF	2.56%
ILF	iShares Latin America 40 ETF	2.50%

1-Day Laggards

Ticker	Name	Return
GXG	Global X MSCI Colombia ETF	-1.09%
THD	iShares MSCI Thailand ETF	-0.15%
ARGT	Global X MSCI Argentina ETF	-0.08%
EPOL	iShares MSCI Poland ETF	0.35%
PAK	Global X MSCI Pakistan ETF	0.40%
TUR	iShares MSCI Turkey ETF	0.55%
UAE	iShares MSCI UAE ETF	0.55%
EPHE	iShares MSCI Philippines ETF	0.56%
EDIV	SPDR S&P Emerging Markets Dividend ETF	0.64%
INDY	iShares India 50 ETF	0.65%
FXI	iShares China Large-Cap ETF	0.68%

Most Overbought (14-Day RSI)

Ticker	Name	RSI
KSA	iShares MSCI Saudi Arabia ETF	76.98
SMIN	iShares MSCI India Small Cap ETF	67.05
PAK	Global X MSCI Pakistan ETF	63.63
EPI	WisdomTree India Earnings Fund	63.15
QAT	iShares MSCI Qatar ETF	62.52
FM	iShares MSCI Frontier 100 ETF	62.32
GLIN	VanEck Vectors India Growth Le	62.12
PIN	Invesco India ETF	61.93
INDA	iShares MSCI India ETF	61.40
VNM	VanEck Vectors Vietnam ETF	59.03
EEMS	iShares MSCI Emerging Markets Small Cap ETF	58.93

Ticker	Name	RSI
ARGT	Global X MSCI Argentina ETF	36.98
THD	iShares MSCI Thailand ETF	37.01
ERUS	iShares MSCI Russia ETF	42.47
ECH	iShares MSCI Chile ETF	42.62
EIDO	iShares MSCI Indonesia ETF	43.43
EWM	iShares MSCI Malaysia ETF	44.55
EPOL	iShares MSCI Poland ETF	44.59
EPU	iShares MSCI Peru ETF	45.48
TUR	iShares MSCI Turkey ETF	45.57
RSX	VanEck Vectors Russia ETF	45.86
FXI	iShares China Large-Cap ETF	46.12



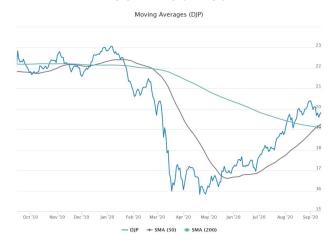
Fixed Income, Commodities & Currencies

Fixed Income



Ticker	Name	1-Day	1-M	YTD
AGG	U.S. Aggregate	0.01%	0.32%	6.99%
SHY	1-3 Year Treasury Bonds	-0.01%	0.03%	2.98%
IEF	7-10 Year Treasury Bonds	-0.09%	0.46%	11.51%
TLT	20+ Year Treasury Bonds	-0.01%	0.90%	22.69%
TIP	TIPS Bonds	-0.06%	0.90%	8.99%
FLOT	Floating Rate Bonds	0.02%	0.23%	0.67%
LQD	Investment Grade Corporate	0.25%	0.44%	8.12%
HYG	High Yield Corporate	-0.11%	0.73%	-0.71%
BKLN	Senior Loan	0.50%	1.44%	-0.69%
PFF	Preferred & Income Securities	0.66%	0.71%	0.77%
MUB	Municipal Bonds	-0.08%	-0.66%	3.22%
MBB	MBS	0.00%	0.05%	3.85%
EMB	Dollar Denominated EM Bonds	0.10%	0.33%	1.69%
LEMB	Local Currency EM Bonds	0.72%	1.57%	-2.96%

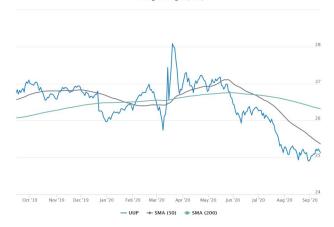
Commodities



Ticker	Name	1-Day	1-M	YTD	
DJP	Broad Commodities	0.41%	1.54%	-13.18%	
DBE	Energy	-0.11%	-8.64%	-37.12%	
USO	WTI Crude Oil	-0.37%	-11.18%	-73.71%	
BNO	Brent Crude Oil	-0.78%	-12.71%	-51.27%	
UNG	Natural Gas	2.65%	-6.91%	-26.45%	
UGA	Gasoline	0.54%	-7.04%	-42.86%	
DBP	Precious Metals	0.75%	1.20%	31.98%	
GLD	Gold	0.79%	0.74%	28.68%	
SLV	Silver	1.57%	2.89%	51.62%	
PPLT	Platinum	3.04%	0.81%	-1.30%	
PALL	Palladium	1.02%	8.78%	18.93%	
DBB	Base Metals	0.91%	4.64%	4.15%	
CPER	Copper	0.64%	6.63%	8.15%	
LD	Lead	1.77%	-2.05%	-4.41%	
JJN	Nickel	0.66%	6.72%	6.76%	
JJU	Aluminum	1.38%	2.75%	-5.03%	
JJT	Tin	0.68%	2.83%	7.09%	
DBA	Agriculture	-1.01%	3.37%	-11.17%	
CORN	Corn	-0.31%	7.11%	-12.50%	
SOYB	Soybeans	0.45%	9.44%	-1.14%	
WEAT	Wheat	0.73%	6.81%	-6.15%	
CANE	Sugar	-0.52%	-6.02%	-17.66%	
BAL	Cotton	1.22%	4.50%	-5.02%	
NIB	Cocoa	-0.74%	4.20%	5.12%	
JO	Coffee	-6.13%	5.26%	-10.90%	

Currencies

Moving Averages (UUP)



Ticker	Name	1-Day	1-M	YTD
UUP	Long Dollar	-0.24%	-0.24%	-3.27%
UDN	Short Dollar	0.19%	0.05%	3.00%
FXE	Euro	0.18%	0.15%	5.11%
FXB	British Pound Sterling	0.44%	-1.82%	-3.18%
FXF	Swiss Franc	0.10%	0.04%	5.80%
FXY	Japanese Yen	0.36%	0.75%	2.36%
FXC	Canadian Dollar	0.02%	0.53%	-1.51%
FXA	Australian Dollar	0.20%	1.59%	3.67%



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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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