

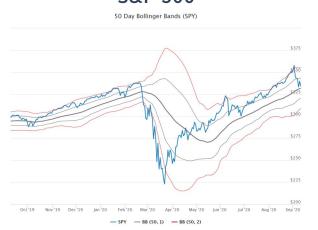








S&P 500

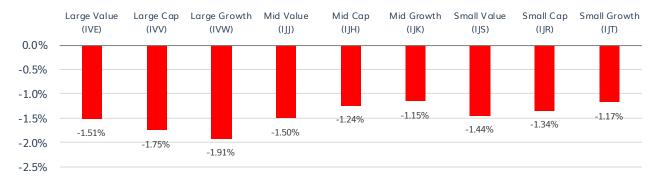




14 Day RSI (SPY)



U.S. Size & Style 1-Day Performance



1-Day Leaders

Ticker	Name	Return
RFG	Invesco S&P Midcap 400 Pure Growth ETF	-0.17%
FDM	First Trust Dow Jones Select MicroCap Index Fund	-0.23%
CLRG	IQ Chaikin U.S. Large Cap ETF	-0.36%
FYX	First Trust Small Cap Core AlphaDEX Fund	-0.59%
PBP	Invesco S&P 500 BuyWrite ETF	-0.63%
IWC	iShares Micro-Cap ETF	-0.69%
FNY	First Trust Mid Cap Growth AlphaDEX Fund	-0.70%
PSC	Principal U.S. Small-Cap Multi-Factor Index ETF	-0.72%
USLB	Invesco Russell 1000 Low Beta Equal Weight ETF	-0.73%
REGL	ProShares S&P MidCap 400 Dividend Aristocrats ETF	-0.80%
XSMO	Invesco S&P SmallCap Momentum ETF	-0.82%

1-Day Laggards

Ticker	Name	Return
VRAI	Virtus Real Asset Income ETF	-2.35%
QARP	Xtrackers Russell 1000 US Quality at a Reasonable Price ETF	-2.12%
IWY	iShares Russell Top 200 Growth ETF	-2.12%
XYLD	Global X S&P 500 Covered Call ETF	-2.06%
DGRS	WisdomTree US Smallcap Quality Dividend Growth Fund	-2.03%
MMTM	SPDR S&P 1500 Momentum Tilt ETF	-2.01%
QQQ	Invesco QQQ Trust	-1.99%
RDIV	Invesco S&P Ultra Dividend Revenue ETF	-1.98%
XLG	Invesco S&P 500 Top 50 ETF	-1.97%
PWC	Invesco Dynamic Market ETF	-1.96%
JSMD	Janus Henderson Small/Mid Cap Growth Alpha ETF	-1.96%

Most Overbought (14-Day RSI)

Ticker	. Name	RSI
CLRG	IQ Chaikin U.S. Large Cap ETF	58.51
CSD	Invesco S&P Spin-Off ETF	52.88
USLB	Invesco Russell 1000 Low Beta Equal Weight ETF	52.67
CAPE	Barclays ETN+ Shiller CAPE ETN	50.86
PBP	Invesco S&P 500 BuyWrite ETF	49.53
UTRN	Vesper U.S. Large Cap Short-Term Reversal Strategy ETF	49.14
VSDA	VictoryShares Dividend Accelerator ETF	48.33
OMFS	Invesco Russell 2000 Dynamic Multifactor ETF	48.28
QVAL	Alpha Architect U.S. Quantitative Value ETF	48.06
VIG	Vanguard Dividend Appreciation ETF	48.02
SYLD	Cambria Shareholder Yield ETF	47.94

Ticker	Name	RSI
FTHI	First Trust BuyWrite Income ETF	34.75
VRAI	Virtus Real Asset Income ETF	36.89
DIV	Global X SuperDividend US ETF	37.07
HDV	iShares Core High Dividend ETF	37.54
SMDV	ProShares Russell 2000 Dividend Growers ETF	38.63
DES	WisdomTree U.S. SmallCap Dividend Fund	38.65
XMLV	Invesco S&P MidCap Low Volatility ETF	38.81
FDM	First Trust Dow Jones Select MicroCap Index Fund	38.87
NUMG	Nuveen ESG Mid-Cap Growth ETF	38.97
JKK	iShares Morningstar Small-Cap Growth ETF	39.00
XSLV	Invesco S&P SmallCap Low Volatility ETF	39.30



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)
	Tana Name	High	Low	SMA	200 SMA	
XLB	Materials Select Sector SPDR Fund	-2.99%	67.54%	4.13%	13.72%	55.94
XLP	Consumer Staples Select Sector SPDR Fund	-3.82%	32.20%	1.86%	5.81%	48.78
XLV	Health Care Select Sector SPDR Fund	-4.81%	39.61%	-1.37%	3.86%	42.07
XLY	Consumer Discretionary Select Sector SPDR Fund	-5.14%	66.78%	3.55%	17.17%	50.74
XLC	Communication Services Select Sector SPDR Fund	-7.94%	49.10%	1.01%	11.60%	44.88
XLI	Industrial Select Sector SPDR Fund	-10.16%	57.00%	3.14%	5.97%	50.09
XLK	Technology Select Sector SPDR Fund	-10.39%	61.69%	0.75%	16.52%	44.32
XLRE	Real Estate Select Sector SPDR Fund	-14.93%	40.10%	-0.15%	-0.60%	46.12
XLU	Utilities Select Sector SPDR Fund	-17.17%	30.85%	-1.24%	-3.30%	44.83
XLF	Financial Select Sector SPDR Fund	-21.27%	38.96%	0.53%	-3.65%	45.95
XLE	Energy Select Sector SPDR Fund	-47.43%	38.27%	-10.74%	-23.54%	27.38

1-Day Leaders

Ticker	Name	Return
BIZD	VanEck Vectors BDC Income ETF	0.25%
PFI	Invesco DWA Financial Momentum ETF	-0.03%
BDCS	ETRACS Wells Fargo Business Development Co. Index	-0.07%
IYK	iShares U.S. Consumer Goods ETF	-0.48%
PSL	Invesco DWA Consumer Staples Momentum ETF	-0.49%
PKB	Invesco Dynamic Building & Construction ETF	-0.50%
XTN	SPDR S&P Transportation ETF	-0.50%
FXD	First Trust Consumer Discretionary AlphaDEX Fund	-0.51%
FXG	First Trust Consumer Staples AlphaDEX Fund	-0.56%
IYT	iShares Transportation Average ETF	-0.58%
PYZ	Invesco DWA Basic Materials Momentum ETF	-0.58%

1-Day Laggards

Ticker	Name	Return
FCG	First Trust Natural Gas ETF	-6.29%
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	-5.63%
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	-5.29%
IEZ	iShares U.S. Oil Equipment & Services ETF	-4.75%
XES	SPDR S&P Oil & Gas Equipment & Services ETF	-4.59%
RYE	Invesco S&P 500 Equal Weight Energy ETF	-4.56%
FXN	First Trust Energy AlphaDEX Fund	-4.21%
FENY	Fidelity MSCI Energy Index ETF	-3.93%
VDE	Vanguard Energy ETF	-3.84%
AMZA	InfraCap MLP ETF	-3.71%
XLE	Energy Select Sector SPDR Fund	-3.67%

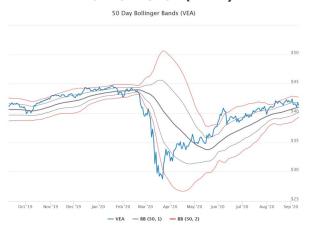
Most Overbought (14-Day RSI)

Ticker	Name	RSI
IYT	iShares Transportation Average ETF	60.37
XTN	SPDR S&P Transportation ETF	59.46
RCD	Invesco S&P 500 Equal Weight Consumer Discretionary ETF	57.78
NETL	NETLease Corporate Real Estate ETF	57.14
PSL	Invesco DWA Consumer Staples Momentum ETF	56.55
XLB	Materials Select Sector SPDR Fund	56.12
RTM	Invesco S&P 500 Equal Weight Materials ETF	56.12
REZ	iShares Residential Real Estate ETF	54.54
VAW	Vanguard Materials ETF	54.21
FMAT	Fidelity MSCI Materials Index ETF	53.83
IYM	iShares U.S. Basic Materials ETF	53.67

Ticker	Name	RSI
AMJ	J.P. Morgan Alerian MLP Index ETN	24.77
AMU	ETRACS Alerian MLP Index ETN	26.94
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	27.06
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	27.54
FENY	Fidelity MSCI Energy Index ETF	27.73
IYE	iShares U.S. Energy ETF	27.84
XLE	Energy Select Sector SPDR Fund	27.93
RYE	Invesco S&P 500 Equal Weight Energy ETF	28.04
VDE	Vanguard Energy ETF	28.12
FCG	First Trust Natural Gas ETF	28.14
MLPI	ETRACS Alerian MLP Infrastructure Index ETN	28.30

Developed ex-U.S. Equity Markets

Dev ex-U.S. (VEA)

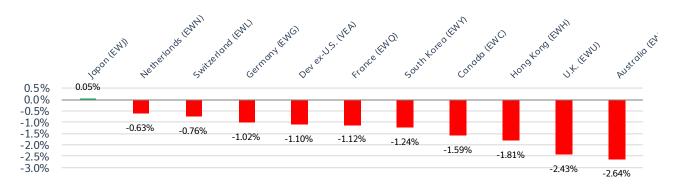


14 Day RSI (VEA)





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



1-Day Leaders

Ticker	Name	Return
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	0.81%
DFJ	WisdomTree Japan SmallCap Dividend Fund	0.18%
JPXN	iShares JPX-Nikkei 400 ETF	0.18%
FJP	First Trust Japan AlphaDEX Fund	0.10%
EWJ	iShares MSCI Japan ETF	0.05%
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	0.00%
ВВЈР	JPMorgan BetaBuilders Japan ETF	0.00%
SCJ	iShares MSCI Japan Small-Cap ETF	-0.01%
FLJP	Franklin FTSE Japan ETF	-0.04%
DXJ	WisdomTree Japan Hedged Equity Fund	-0.04%
HEWJ	iShares Currency Hedged MSCI Japan ETF	-0.16%

1-Day Laggards

	, ==	
Ticker	Name	Return
EIS	iShares MSCI Israel ETF	-2.66%
EWA	iShares MSCI Australia ETF	-2.64%
EWU	iShares MSCI United Kingdom ETF	-2.43%
FLGB	Franklin FTSE United Kingdom ETF	-2.39%
EWUS	iShares MSCI United Kingdom Small Cap ETF	-2.33%
BBAX	JPMorgan BetaBuilders Developed Asia ex-Japan ETF	-2.20%
EPP	iShares MSCI Pacific ex-Japan ETF	-2.15%
EWS	iShares MSCI Singapore ETF	-1.85%
ISRA	VanEck Vectors Israel ETF	-1.84%
EWH	iShares MSCI Hong Kong ETF	-1.81%
EWD	iShares MSCI Sweden ETF	-1.78%

Most Overbought (14-Day RSI)

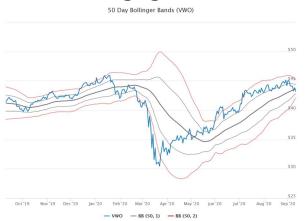
Ticker	Name	RSI
DFJ	WisdomTree Japan SmallCap Dividend Fund	60.44
SCJ	iShares MSCI Japan Small-Cap ETF	59.66
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	58.69
DXJ	WisdomTree Japan Hedged Equity Fund	56.13
JPXN	iShares JPX-Nikkei 400 ETF	55.91
FSZ	First Trust Switzerland AlphaDEX Fund	54.77
FEUZ	First Trust Eurozone AlphaDEX ETF	54.06
EWG	iShares MSCI Germany ETF	53.91
FGM	First Trust Germany AlphaDEX Fund	53.65
HEWG	iShares Currency Hedged MSCI Germany ETF	53.54
BBJP	JPMorgan BetaBuilders Japan ETF	53.26

Ticker	Name	RSI
EIS	iShares MSCI Israel ETF	32.14
ISRA	VanEck Vectors Israel ETF	34.81
EWUS	iShares MSCI United Kingdom Small Cap ETF	39.32
FLGB	Franklin FTSE United Kingdom ETF	39.94
EWU	iShares MSCI United Kingdom ETF	40.71
EWS	iShares MSCI Singapore ETF	40.82
EWA	iShares MSCI Australia ETF	40.96
IDOG	ALPS International Sector Dividend Dogs ETF	42.30
EPP	iShares MSCI Pacific ex-Japan ETF	42.56
BBAX	JPMorgan BetaBuilders Developed Asia ex-Japan ETF	42.57
IMOM	Alpha Architect International Quantitative Momentum ETF	42.87

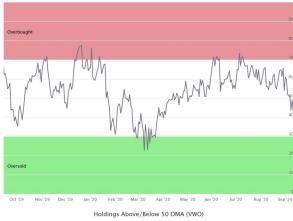


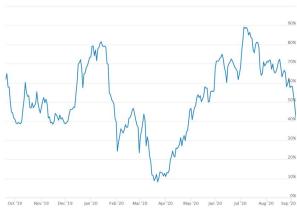
EM & Frontier Equity Markets

Emerging (VWO)



14 Day RSI (VWO)





Top 10 EM Countries' 1-Day Performance



1-Day Leaders

Ticker	Name	Return
PAK	Global X MSCI Pakistan ETF	1.25%
INDA	iShares MSCI India ETF	0.36%
PIN	Invesco India ETF	0.22%
EPI	WisdomTree India Earnings Fund	0.21%
INDY	iShares India 50 ETF	0.03%
ERUS	iShares MSCI Russia ETF	-0.06%
SMIN	iShares MSCI India Small Cap ETF	-0.12%
FM	iShares MSCI Frontier 100 ETF	-0.12%
KSA	iShares MSCI Saudi Arabia ETF	-0.28%
QAT	iShares MSCI Qatar ETF	-0.39%
RSX	VanEck Vectors Russia ETF	-0.51%

1-Day Laggards

Ticker	Name	Return
EIDO	iShares MSCI Indonesia ETF	-8.38%
ECH	iShares MSCI Chile ETF	-3.48%
EWZ	iShares MSCI Brazil ETF	-3.20%
EWZ	iShares MSCI Brazil ETF	-3.20%
FLBR	Franklin FTSE Brazil ETF	-2.94%
EWZS	iShares MSCI Brazil Small-Cap ETF	-2.70%
VNM	VanEck Vectors Vietnam ETF	-2.64%
PGJ	Invesco Golden Dragon China ETF	-2.54%
FBZ	First Trust Brazil AlphaDEX Fund	-2.54%
ILF	iShares Latin America 40 ETF	-2.46%
EWM	iShares MSCI Malaysia ETF	-2.34%

Most Overbought (14-Day RSI)

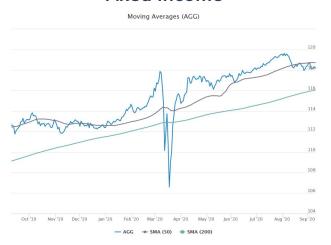
Ticker	Name	RSI
PAK	Global X MSCI Pakistan ETF	66.81
KSA	iShares MSCI Saudi Arabia ETF	66.62
PIN	Invesco India ETF	56.63
EPI	WisdomTree India Earnings Fund	56.58
INDA	iShares MSCI India ETF	56.19
FM	iShares MSCI Frontier 100 ETF	55.05
UAE	iShares MSCI UAE ETF	55.01
BRF	VanEck Vectors Brazil Small-Cap ETF	54.77
GXG	Global X MSCI Colombia ETF	54.74
INDY	iShares India 50 ETF	54.21
QAT	iShares MSCI Qatar ETF	53.68

Ticker	Name	RSI
EWM	iShares MSCI Malaysia ETF	23.04
EIDO	iShares MSCI Indonesia ETF	26.96
ECNS	iShares MSCI China Small-Cap ETF	32.41
ECH	iShares MSCI Chile ETF	33.50
PIE	Invesco DWA Emerging Markets Momentum ETF	34.98
ERUS	iShares MSCI Russia ETF	35.28
FEMS	First Trust Emerging Markets Small Cap AlphaDEX Fund	38.15
CNYA	iShares MSCI China A ETF	38.52
FEM	First Trust Emerging Markets AlphaDEX Fund	38.68
RSX	VanEck Vectors Russia ETF	38.83
THD	iShares MSCI Thailand ETF	39.10



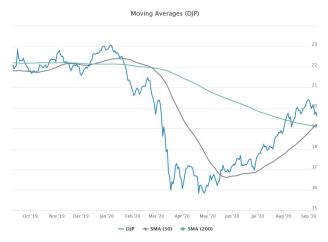
Fixed Income, Commodities & Currencies

Fixed Income



Ticker	Name	1-Day	1-M	YTD
AGG	U.S. Aggregate	0.01%	-0.75%	6.85%
SHY	1-3 Year Treasury Bonds	-0.01%	-0.02%	2.97%
IEF	7-10 Year Treasury Bonds	0.12%	-0.40%	11.44%
TLT	20+ Year Treasury Bonds	0.51%	-2.84%	22.43%
TIP	TIPS Bonds	0.09%	0.44%	9.12%
FLOT	Floating Rate Bonds	0.02%	0.13%	0.63%
LQD	Investment Grade Corporate	0.07%	-2.09%	7.77%
HYG	High Yield Corporate	-0.47%	-0.70%	-0.80%
BKLN	Senior Loan	-0.18%	1.07%	-1.45%
PFF	Preferred & Income Securities	0.00%	0.72%	0.22%
MUB	Municipal Bonds	-0.09%	-1.04%	3.18%
MBB	MBS	-0.07%	-0.13%	3.85%
EMB	Dollar Denominated EM Bonds	-0.28%	-0.70%	1.56%
LEMB	Local Currency EM Bonds	-0.16%	1.20%	-3.69%

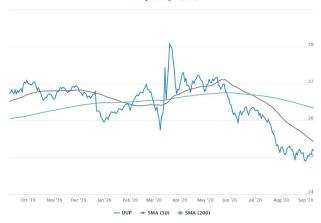
Commodities



Ticker	Name	1-Day	1-M	YTD
DJP	Broad Commodities	-1.06%	0.15%	-14.23%
DBE	Energy	-1.90%	-8.37%	-37.37%
USO	WTI Crude Oil	-2.26%	-11.17%	-73.86%
BNO	Brent Crude Oil	-2.21%	-12.60%	-51.08%
UNG	Natural Gas	-3.05%	0.73%	-26.45%
UGA	Gasoline	-2.52%	-7.62%	-43.79%
DBP	Precious Metals	-0.46%	-4.95%	31.02%
GLD	Gold	-0.32%	-4.04%	27.68%
SLV	Silver	-1.27%	-7.93%	49.04%
PPLT	Platinum	0.05%	-6.66%	-4.51%
PALL	Palladium	-0.86%	2.68%	16.84%
DBB	Base Metals	-2.27%	0.33%	0.80%
CPER	Copper	-2.39%	2.96%	4.96%
LD	Lead	-1.68%	-2.73%	-7.45%
JJN	Nickel	-0.69%	3.33%	3.75%
JJU	Aluminum	0.02%	-0.77%	-5.92%
JJT	Tin	-0.72%	1.06%	5.87%
DBA	Agriculture	0.68%	5.37%	-11.11%
CORN	Corn	0.94%	10.12%	-13.24%
SOYB	Soybeans	-0.32%	9.49%	-3.10%
WEAT	Wheat	0.73%	8.71%	-6.15%
CANE	Sugar	-0.17%	-2.52%	-17.24%
BAL	Cotton	0.64%	3.48%	-6.50%
NIB	Cocoa	-0.60%	3.10%	4.86%
JO	Coffee	1.82%	14.08%	-6.06%

Currencies

Moving Averages (UUP)



Ticker	Name	1-Day	1-M	YTD
UUP	Long Dollar	0.20%	-0.16%	-2.85%
UDN	Short Dollar	-0.19%	0.14%	2.61%
FXE	Euro	0.11%	0.58%	4.71%
FXB	British Pound Sterling	-1.62%	-2.24%	-3.67%
FXF	Swiss Franc	0.18%	0.40%	5.52%
FXY	Japanese Yen	0.08%	-0.17%	1.97%
FXC	Canadian Dollar	-0.33%	1.10%	-1.62%
FXA	Australian Dollar	-0.39%	1.35%	3.14%



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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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