Daily Note Markets through the lens of ETFs™

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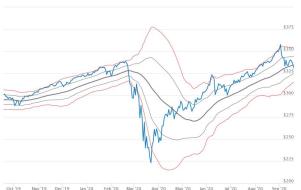
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U.S. Size & Style

S&P 500 50 Day Bollinger Bands (SPY)

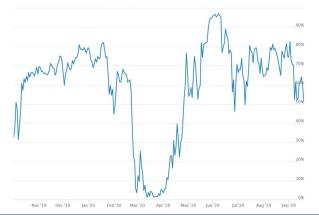
















1-Day Leaders

Ticker	Name	Return
IWC	iShares Micro-Cap ETF	0.72%
DWAS	Invesco DWA SmallCap Momentum ETF	0.66%
FDM	First Trust Dow Jones Select MicroCap Index Fund	0.48%
ENTR	ERShares Entrepreneur 30 ETF	0.43%
RZV	Invesco S&P Smallcap 600 Pure Value ETF	0.31%
FPX	First Trust US Equity Opportunities ETF	0.28%
VTWG	Vanguard Russell 2000 Growth ETF	0.27%
JSMD	Janus Henderson Small/Mid Cap Growth Alpha ETF	0.26%
XYLD	Global X S&P 500 Covered Call ETF	0.25%
USLB	Invesco Russell 1000 Low Beta Equal Weight ETF	0.25%
QMOM	Alpha Architect U.S. Quantitative Momentum ETF	0.18%

1-Day Laggards

Ticker	Name	Return
SPHD	Invesco S&P 500 High Dividend Low Volatility ETF	-1.91%
CSD	Invesco S&P Spin-Off ETF	-1.73%
VRAI	Virtus Real Asset Income ETF	-1.66%
SPYD	SPDR Portfolio S&P 500 High Dividend ETF	-1.60%
SPHB	Invesco S&P 500 High Beta ETF	-1.54%
OMFL	Invesco Russell 1000 Dynamic Multifactor ETF	-1.54%
MGK	Vanguard Mega Cap Growth ETF	-1.48%
VOOG	Vanguard S&P 500 Growth ETF	-1.47%
DON	WisdomTree U.S. MidCap Dividend Fund	-1.40%
SDOG	ALPS Sector Dividend Dogs ETF	-1.40%
RFDA	RiverFront Dynamic US Dividend Advantage ETF	-1.36%

Most Overbought (14-Day RSI)

Ticker	Name	RSI
XYLD	Global X S&P 500 Covered Call ETF	59.11
CLRG	IQ Chaikin U.S. Large Cap ETF	57.33
SYLD	Cambria Shareholder Yield ETF	56.87
IWC	iShares Micro-Cap ETF	56.86
OMFS	Invesco Russell 2000 Dynamic Multifactor ETF	56.04
CSD	Invesco S&P Spin-Off ETF	55.93
DWAS	Invesco DWA SmallCap Momentum ETF	55.70
CSB	VictoryShares US Small Cap High Div Volatility Wtd ETF	54.38
DIVC	C-Tracks ETN Miller/Howard Strategic Dividend Reinvestor	53.92
RZV	Invesco S&P Smallcap 600 Pure Value ETF	53.91
USLB	Invesco Russell 1000 Low Beta Equal Weight ETF	53.89
	March Origina and (4.4. Days DCI)	

Most Oversold (14-Day RSI)

Ticker	Name	RSI
FTHI	First Trust BuyWrite Income ETF	31.04
XMLV	Invesco S&P MidCap Low Volatility ETF	37.07
DWPP	First Trust Dorsey Wright People's Portfolio ETF	38.70
ADME	Aptus Drawdown Managed Equity ETF	39.55
XSLV	Invesco S&P SmallCap Low Volatility ETF	39.74
QYLD	Global X NASDAQ 100 Covered Call ETF	40.43
DIV	Global X SuperDividend US ETF	40.69
SMDV	ProShares Russell 2000 Dividend Growers ETF	40.73
XLG	Invesco S&P 500 Top 50 ETF	40.78
QDYN	FlexShares Quality Dividend Dynamic Index Fund	40.80
ACIO	Aptus Collared Income Opportunity ETF	40.84

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U.S. Sectors & Industries

S&P Sector & Industry 1-Day Performance

Biotech (XBI)	.10%
Internet (XWEB)	1.01%
Pharmaceuticals (XPH)	0.55%
Metals & Minging (XME)	0.43%
Health Care Equipment (XHE)	0.28%
Software & Svcs (XSW)	0.16%
Capital Mkts (KCE)	0.00%
Oil & Gas Expl. & Prod (XOP)	-0.04%
Health Care (XLV)	-0.15%
Telecom (XTL)	-0.16%
Financials (XLF)	-0.20%
Health Care Svcs (XHS)	-0.28%
Retail (XRT)	-0.30%
Aerospace & Defense (XAR)	-0.44%
Regional Banking (KRE)	-0.74%
Insurance (KIE)	-0.76%
Cons Staples (XLP)	-0.92%
Banks (KBE)	-0.93%
Comm Svcs (XLC)	-0.96%
Industrial (XLI)	-1.12%
Energy (XLE)	-1.12%
S&P 500 (SPY)	-1.15%
Oil & Gas Equip. & Svcs (XES)	-1.19%
Homebuilders (XHB)	-1.21%
Semiconductor (XSD)	-1.23%
Cons Discretionary (XLY)	-1.39%
Materials (XLB)	-1.72%
Technology (XLK)	-1.72%
Utilities (XLU)	-1.76%
Transportation (XTN)	-1.90%
Real Estate (XLRE)	-1.98%
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### Select Sector SPDRs Technicals

Ticker	Fund Name	% From 52W	% From 52W	% Abv/Below 50	% Abv/Below	RSI (14D)	
Tieker		High	Low	SMA	200 SMA		
XLB	Materials Select Sector SPDR Fund	-1.72%	71.37%	4.83%	15.96%	58.45	
XLV	Health Care Select Sector SPDR Fund	-3.56%	41.44%	-0.55%	5.05%	47.71	
XLP	Consumer Staples Select Sector SPDR Fund	-4.71%	30.97%	-0.05%	4.72%	43.34	
XLY	Consumer Discretionary Select Sector SPDR Fund	-6.42%	64.54%	0.86%	14.92%	44.53	
XLI	Industrial Select Sector SPDR Fund	-7.57%	61.53%	4.39%	9.14%	57.32	
XLC	Communication Services Select Sector SPDR Fund	-9.82%	46.05%	-1.74%	8.87%	40.32	
XLK	Technology Select Sector SPDR Fund	-12.02%	58.75%	-1.83%	13.49%	41.44	
XLRE	Real Estate Select Sector SPDR Fund	-15.10%	39.83%	-0.70%	-0.65%	45.20	
XLU	Utilities Select Sector SPDR Fund	-17.55%	30.25%	-2.12%	-3.58%	42.92	
XLF	Financial Select Sector SPDR Fund	-20.82%	39.75%	0.26%	-2.45%	48.01	
XLE	Energy Select Sector SPDR Fund	-45.78%	42.60%	-7.05%	-19.64%	39.95	

### 1-Day Leaders

Ticker	Name	Return
BTEC	Principal Healthcare Innovators Index ETF	1.96%
XBI	SPDR S&P BIOTECH ETF	1.10%
SBIO	ALPS Medical Breakthroughs ETF	1.00%
PBE	Invesco Dynamic Biotechnology & Genome ETF	0.91%
IHE	iShares U.S. Pharmaceuticals ETF	0.78%
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	0.63%
PTH	Invesco DWA Healthcare Momentum ETF	0.56%
XPH	SPDR S&P Pharmaceuticals ETF	0.55%
IBB	iShares NASDAQ Biotechnology ETF	0.51%
IHF	iShares U.S. Healthcare Providers ETF	0.50%
XME	SPDR S&P Metals & Mining ETF	0.43%

1-Day Laggards

Ticker	Name	Return
NETL	NETLease Corporate Real Estate ETF	-2.78%
RDOG	ALPS REIT Dividend Dogs ETF	-2.77%
KBWY	Invesco KBW Premium Yield Equity REIT ETF	-2.51%
PPTY	PPTY-U.S. Diversified Real Estate ETF	-2.47%
RWR	SPDR Dow Jones REIT ETF	-2.46%
NURE	Nuveen Short-Term REIT ETF	-2.45%
ROOF	IQ US Real Estate Small Cap ETF	-2.36%
USRT	iShares Core U.S. REIT ETF	-2.32%
VNQ	Vanguard Real Estate ETF	-2.26%
BBRE	JPMorgan BetaBuilders MSCI U.S. REIT ETF	-2.23%
PSR	Invesco Active U.S. Real Estate Fund	-2.19%

### Most Overbought (14-Day RSI)

Ticker	Name	RSI
BTEC	Principal Healthcare Innovators Index ETF	64.76
XME	SPDR S&P Metals & Mining ETF	63.43
RTM	Invesco S&P 500 Equal Weight Materials ETF	63.06
IYT	iShares Transportation Average ETF	62.18
XBI	SPDR S&P BIOTECH ETF	61.83
SBIO	ALPS Medical Breakthroughs ETF	60.80
XPH	SPDR S&P Pharmaceuticals ETF	60.62
FXZ	First Trust Materials AlphaDEX Fund	59.60
PTH	Invesco DWA Healthcare Momentum ETF	58.78
PYZ	Invesco DWA Basic Materials Momentum ETF	58.69
XLB	Materials Select Sector SPDR Fund	58.49

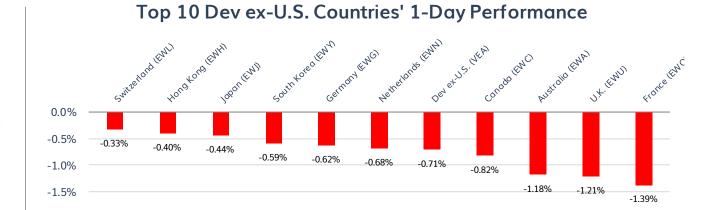
### Most Oversold (14-Day RSI)

Ticker	Name	RSI
AMJ	J.P. Morgan Alerian MLP Index ETN	32.92
AMU	ETRACS Alerian MLP Index ETN	33.75
MLPA	Global X MLP ETF	34.11
AMLP	Alerian MLP ETF	34.48
AMZA	InfraCap MLP ETF	34.62
AMUB	ETRACS Alerian MLP Index ETN Class B	34.73
EMLP	First Trust North American Energy Infrastructure Fund	35.24
PBJ	Invesco Dynamic Food & Beverage ETF	35.38
MLPI	ETRACS Alerian MLP Infrastructure Index ETN	35.63
MLPB	ETRACS Alerian MLP Infrastructure Index ETN Series B	36.00
PUI	Invesco DWA Utilities Momentum ETF	36.97

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# Developed ex-U.S. Equity Markets



### 530 Oci'lia Nov'la Dec'lia Jun'20 Feb'20 Mar'20 Api'20 May'20 Jun'20 Jun'20 Aug'20 Sep'20

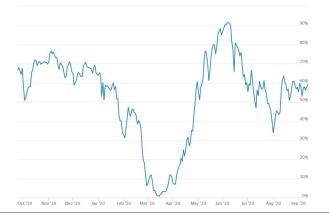
Dev ex-U.S. (VEA) 50 Day Bollinger Bands (VEA)

VEA - BB (50, 1) - BB (50, 2)

#### 14 Day RSI (VEA)



Holdings Above/Below 50 DMA (VEA)



#### 1-Day Leaders

		Return
IMOM	Alpha Architect International Quantitative Momentum ETF	0.71%
FJP	First Trust Japan AlphaDEX Fund	0.52%
FSZ	First Trust Switzerland AlphaDEX Fund	0.39%
DFJ	WisdomTree Japan SmallCap Dividend Fund	0.24%
EWD	iShares MSCI Sweden ETF	0.22%
EIS	iShares MSCI Israel ETF	0.15%
SCJ	iShares MSCI Japan Small-Cap ETF	0.11%
GWX	SPDR S&P International Small Cap ETF	0.05%
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	0.03%
IMTM	iShares Edge MSCI Intl Momentum Factor ETF	0.01%
DLS	WisdomTree International SmallCap Dividend Fund	-0.03%

1-Day Laggards

Ticker	Name	Return
EWP	iShares MSCI Spain ETF	-2.11%
EWO	iShares MSCI Austria ETF	-2.09%
FDD	First Trust Stoxx European Select Dividend Index Fund	-1.99%
ENZL	iShares MSCI New Zealand ETF	-1.83%
EIRL	iShares MSCI Ireland ETF	-1.80%
EWQ	iShares MSCI France ETF	-1.39%
EWUS	iShares MSCI United Kingdom Small Cap ETF	-1.29%
GREK	Global X MSCI Greece ETF	-1.25%
EWU	iShares MSCI United Kingdom ETF	-1.21%
EFV	iShares MSCI EAFE Value ETF	-1.21%
EWA	iShares MSCI Australia ETF	-1.18%

#### Most Overbought (14-Day RSI)

Ticker	Name	RSI
SCJ	iShares MSCI Japan Small-Cap ETF	76.41
DFJ	WisdomTree Japan SmallCap Dividend Fund	75.14
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	68.25
GWX	SPDR S&P International Small Cap ETF	66.41
FLJP	Franklin FTSE Japan ETF	64.67
FSZ	First Trust Switzerland AlphaDEX Fund	64.58
ВВЉ	JPMorgan BetaBuilders Japan ETF	64.24
FJP	First Trust Japan AlphaDEX Fund	64.16
JPXN	iShares JPX-Nikkei 400 ETF	64.13
DLS	WisdomTree International SmallCap Dividend Fund	63.33
EWJ	iShares MSCI Japan ETF	62.76

#### Most Oversold (14-Day RSI)

Ticker	Name	RSI
IDOG	ALPS International Sector Dividend Dogs ETF	40.22
FDD	First Trust Stoxx European Select Dividend Index Fund	40.90
EIS	iShares MSCI Israel ETF	41.02
EWP	iShares MSCI Spain ETF	43.25
EWC	iShares MSCI Canada ETF	43.31
LVHI	Legg Mason International Low Volatility High Dividend ETF	43.50
HDEF	Xtrackers MSCI EAFE High Dividend Yield Equity ETF	43.54
EWO	iShares MSCI Austria ETF	43.56
BBCA	JPMorgan BetaBuilders Canada ETF	43.95
ISRA	VanEck Vectors Israel ETF	44.14
EWA	iShares MSCI Australia ETF	44.28

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# EM & Frontier Equity Markets

### **Emerging (VWO)**

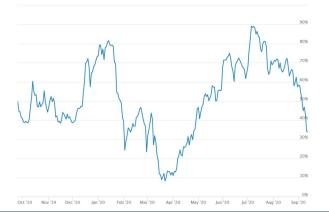








Holdings Above/Below 50 DMA (VWO)



### Top 10 EM Countries' 1-Day Performance



### 1-Day Leaders

Ticker	Name	Return
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	1.15%
KBA	KraneShares Bosera MSCI China A Share ETF	1.08%
GLCN	VanEck Vectors ChinaAMC CSI 300 ETF USD	1.06%
CNYA	iShares MSCI China A ETF	0.70%
PAK	Global X MSCI Pakistan ETF	0.25%
FXI	iShares China Large-Cap ETF	0.21%
QAT	iShares MSCI Qatar ETF	0.15%
PIE	Invesco DWA Emerging Markets Momentum ETF	0.13%
ARGT	Global X MSCI Argentina ETF	0.08%
PGJ	Invesco Golden Dragon China ETF	0.04%
KSA	iShares MSCI Saudi Arabia ETF	0.00%

1-Day Laggards

Ticker	Name	Return
EWZ	iShares MSCI Brazil ETF	-4.58%
EWZ	iShares MSCI Brazil ETF	-4.58%
EWZS	iShares MSCI Brazil Small-Cap ETF	-4.53%
BRF	VanEck Vectors Brazil Small-Cap ETF	-4.52%
FLBR	Franklin FTSE Brazil ETF	-4.13%
FBZ	First Trust Brazil AlphaDEX Fund	-3.77%
ILF	iShares Latin America 40 ETF	-3.36%
EZA	iShares MSCI South Africa ETF	-2.36%
FLN	First Trust Latin America AlphaDEX Fund	-2.16%
ERUS	iShares MSCI Russia ETF	-2.12%
EWW	iShares MSCI Mexico ETF	-1.71%

### Most Overbought (14-Day RSI)

Ticker	Name	RSI
KSA	iShares MSCI Saudi Arabia ETF	78.04
QAT	iShares MSCI Qatar ETF	69.33
SMIN	iShares MSCI India Small Cap ETF	63.45
PAK	Global X MSCI Pakistan ETF	61.76
GLIN	VanEck Vectors India Growth Le	61.02
EPI	WisdomTree India Earnings Fund	60.57
EEMS	iShares MSCI Emerging Markets Small Cap ETF	59.66
INDA	iShares MSCI India ETF	59.36
PIN	Invesco India ETF	58.61
FM	iShares MSCI Frontier 100 ETF	58.21
UAE	iShares MSCI UAE ETF	57.70

### Most Oversold (14-Day RSI)

Ticker	Name	RSI
ARGT	Global X MSCI Argentina ETF	32.42
ECH	iShares MSCI Chile ETF	38.19
EIDO	iShares MSCI Indonesia ETF	39.14
TUR	iShares MSCI Turkey ETF	41.37
EPOL	iShares MSCI Poland ETF	41.53
THD	iShares MSCI Thailand ETF	41.56
ERUS	iShares MSCI Russia ETF	41.69
EWZ	iShares MSCI Brazil ETF	43.97
FBZ	First Trust Brazil AlphaDEX Fund	44.11
ILF	iShares Latin America 40 ETF	44.26
EPU	iShares MSCI Peru ETF	44.39

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### **Fixed Income**









Ticker	Name	1-Day	1-M	YTD
DJP	Broad Commodities	0.75%	0.85%	-11.56%
DBE	Energy	-0.30%	-3.82%	-32.94%
USO	WTI Crude Oil	-0.58%	-5.03%	-71.64%
BNO	Brent Crude Oil	-0.63%	-5.98%	-47.19%
UNG	Natural Gas	3.22%	-13.49%	-29.66%
UGA	Gasoline	-0.01%	0.39%	-36.90%
DBP	Precious Metals	-0.15%	-3.19%	31.20%
GLD	Gold	0.13%	-2.65%	28.20%
SLV	Silver	-1.19%	-3.67%	49.46%
PPLT	Platinum	-1.15%	-4.36%	-4.12%
PALL	Palladium	2.16%	6.80%	20.58%
DBB	Base Metals	0.64%	2.88%	5.22%
CPER	Copper	1.03%	3.59%	9.50%
LD	Lead	0.89%	-5.06%	-4.83%
JJN	Nickel	-0.94%	1.86%	4.45%
JJU	Aluminum	0.46%	0.35%	-5.69%
JJT	Tin	0.12%	2.67%	6.87%
DBA	Agriculture	0.60%	4.61%	-9.54%
CORN	Corn	1.23%	7.85%	-10.88%
SOYB	Soybeans	1.44%	11.06%	2.15%
WEAT	Wheat	3.23%	10.05%	-1.71%
CANE	Sugar	0.83%	0.29%	-13.25%
BAL	Cotton	0.33%	4.45%	-5.15%
NIB	Cocoa	3.04%	9.94%	11.03%
JO	Coffee	-3.45%	-5.67%	-17.56%





Ticker	Name	1-Day	1-M	YTD
UUP	Long Dollar	0.12%	0.72%	-3.31%
UDN	Short Dollar	-0.05%	-0.85%	2.95%
FXE	Euro	0.00%	-0.81%	4.96%
FXB	British Pound Sterling	-0.39%	-2.45%	-2.67%
FXF	Swiss Franc	-0.28%	-0.91%	5.49%
FXY	Japanese Yen	0.06%	0.71%	3.42%
FXC	Canadian Dollar	-0.29%	-0.28%	-1.62%
FXA	Australian Dollar	-0.27%	0.69%	3.71%

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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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