Daily Note Markets through the lens of ETFs™

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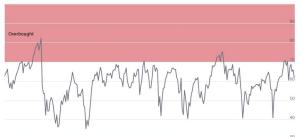
U.S. Size & Style

S&P 500



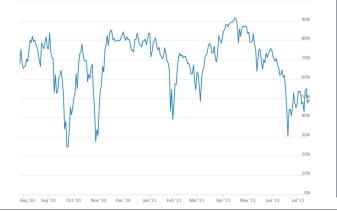




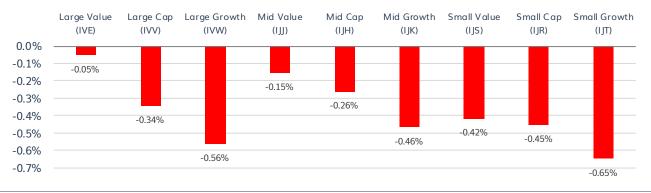




Holdings Above 50 DMA (SPY)



U.S. Size & Style 1-Day Performance



1-Day Leaders

Ticker	Name	Return
ALTL	Pacer Lunt Large Cap Alternator ETF	0.59%
CDC	VictoryShares US EQ Income Enhanced Volatility Wtd ETF	0.46%
SMDV	ProShares Russell 2000 Dividend Growers ETF	0.45%
SPLV	Invesco S&P 500 Low Volatility ETF	0.42%
DHS	WisdomTree U.S. High Dividend Fund	0.41%
OSCV	Opus Small Cap Value ETF	0.36%
REGL	ProShares S&P MidCap 400 Dividend Aristocrats ETF	0.35%
TPHD	Timothy Plan High Dividend Stock ETF	0.35%
CDL	VictoryShares US Large Cap High Dividend Volatility Wtd ET	0.32%
FCTR	First Trust Lunt U.S. Factor Rotation ETF	0.32%
CSB	VictoryShares US Small Cap High Dividend Volatility Wtd E1	0.29%

1-Day Laggards

Ticker	Name	Return
DWAS	Invesco DWA SmallCap Momentum ETF	-1.75%
QMOM	Alpha Architect U.S. Quantitative Momentum ETF	-1.66%
ENTR	ERShares Entrepreneur 30 ETF	-1.43%
QQQN	VictoryShares Nasdaq Next 50 ETF	-1.27%
CALF	Pacer US Small Cap Cash Cows 100 ETF	-1.23%
QQQJ	Invesco NASDAQ Next Gen 100 ETF	-1.19%
CLRG	IQ Chaikin U.S. Large Cap ETF	-1.15%
AIEQ	AI Powered Equity ETF	-1.12%
SPHB	Invesco S&P 500 High Beta ETF	-1.11%
JSML	Janus Henderson Small Cap Growth Alpha ETF	-1.09%
FFTY	Innovator IBD 50 ETF	-1.05%

Most Overbought (14-Day RSI)

Ticker	Name	RSI
IWY	iShares Russell Top 200 Growth ETF	72.35
TMFC	Motley Fool 100 Index ETF	71.73
XLG	Invesco S&P 500 Top 50 ETF	71.28
MGK	Vanguard Mega Cap Growth ETF	71.26
IVW	iShares S&P 500 Growth ETF	71.08
SPYG	SPDR Portfolio S&P 500 Growth ETF	70.86
VOOG	Vanguard S&P 500 Growth ETF	70.33
QLV	FlexShares US Quality Low Volatility Index Fund	69.68
IUSG	iShares Core S&P U.S. Growth ETF	69.57
FDLO	Fidelity Low Volatility Factor ETF	69.32
QQQM	Invesco NASDAQ 100 ETF	68.41

Most Oversold (14-Day RSI)

Ticker	Name	RSI
SPAK	Defiance Next Gen SPAC Derived ETF	28.43
JSML	Janus Henderson Small Cap Growth Alpha ETF	32.47
FFTY	Innovator IBD 50 ETF	34.47
TAEQ	Collaborative Investment Series Trust Trend Aggregation US I	35.14
BKSE	BNY Mellon US Small Cap Core Equity ETF	35.23
VTWG	Vanguard Russell 2000 Growth ETF	35.38
IWO	iShares Russell 2000 Growth ETF	35.39
IPO	Renaissance IPO ETF	35.55
VTWO	Vanguard Russell 2000 ETF	35.88
IWM	iShares Russell 2000 ETF	36.04
IWC	iShares Micro-Cap ETF	36.37

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U.S. Sectors & Industries

S&P Sector & Industry 1-Day Performance

1.20% 1.13% 0.99% 0.61% 0.41% 0.33% 0.19% 0.15% 0.01%

2.0%

0.0% 1.0%

Regional Banking (KRE)	
Utilities (XLU)	
Banks (KBE)	
Insurance (KIE)	
Cons Staples (XLP)	
Financials (XLF)	
Industrial (XLI)	
Real Estate (XLRE)	
Materials (XLB)	
Biotech (XBI)	-0.01%
Homebuilders (XHB)	-0.11%
Transportation (XTN)	-0.14%
Capital Mkts (KCE)	-0.17%
Metals & Minging (XME)	-0.24%
Health Care Svcs (XHS)	-0.27%
S&P 500 (SPY)	-0.34%
Health Care (XLV)	-0.35%
Cons Discretionary (XLY)	-0.54%
Comm Svcs (XLC)	-0.71%
Aerospace & Defense (XAR)	-0.78%
Technology (XLK)	-0.82%
Internet (XWEB)	-1.10%
Software & Svcs (XSW)	-1.10%
Telecom (XTL)	-1.11%
Health Care Equipment (XHE)	-1.14%
Energy (XLE)	-1.40%
Retail (XRT)	-1.57%
Oil & Gas Expl. & Prod (XOP)	-2.01%
Pharmaceuticals (XPH)	-2.09%
Semiconductor (XSD)	-2.09%
Oil & Gas Equip. & Svcs (XES)	-3.89%
	%0 %0

Select Sector SPDRs Technicals

Ticker	Fund Name	% From 52W	% From 52W	% Abv/Below 50	% Abv/Below	RSI (14D)
Tiekei		High	Low	SMA	200 SMA	
XLRE	Real Estate Select Sector SPDR Fund	-0.28%	36.43%	4.62%	17.43%	65.69
XLV	Health Care Select Sector SPDR Fund	-0.55%	26.51%	2.74%	9.94%	62.91
XLP	Consumer Staples Select Sector SPDR Fund	-0.82%	13.94%	0.81%	5.04%	60.71
XLK	Technology Select Sector SPDR Fund	-0.82%	41.68%	6.74%	14.34%	69.06
XLC	Communication Services Select Sector SPDR Fund	-1.03%	42.33%	2.57%	13.40%	55.26
XLY	Consumer Discretionary Select Sector SPDR Fund	-1.91%	32.24%	3.29%	8.44%	58.46
XLI	Industrial Select Sector SPDR Fund	-2.57%	43.34%	-0.43%	9.72%	50.32
XLU	Utilities Select Sector SPDR Fund	-3.12%	14.84%	0.92%	2.98%	58.86
XLF	Financial Select Sector SPDR Fund	-4.81%	57.84%	-1.44%	13.49%	48.84
XLB	Materials Select Sector SPDR Fund	-7.16%	37.17%	-3.07%	7.29%	44.64
XLE	Energy Select Sector SPDR Fund	-10.84%	80.80%	-6.56%	11.32%	33.91

1-Day Leaders

Ticker	Name	Return
IAT	iShares U.S. Regional Banks ETF	1.44%
QABA	First Trust NASDAQ ABA Community Bank Index Fund	1.34%
KRE	SPDR S&P Regional Banking ETF	1.20%
IDU	iShares U.S. Utilities ETF	1.14%
FUTY	Fidelity MSCI Utilities Index ETF	1.14%
XLU	Utilities Select Sector SPDR Fund	1.13%
VPU	Vanguard Utilities ETF	1.12%
RYU	Invesco S&P 500 Equal Weight Utilities ETF	1.05%
FXU	First Trust Utilities AlphaDEX Fund	1.05%
KBE	SPDR S&P Bank ETF	0.99%
FTXO	First Trust Nasdaq Bank ETF	0.83%

1-Day Laggards

Ticker	Name	Return
XES	SPDR S&P Oil & Gas Equipment & Services ETF	-3.89%
IEZ	iShares U.S. Oil Equipment & Services ETF	-3.53%
FCG	First Trust Natural Gas ETF	-2.53%
PBE	Invesco Dynamic Biotechnology & Genome ETF	-2.23%
SOXX	iShares PHLX Semiconductor ETF	-2.22%
PEZ	Invesco DWA Consumer Cyclicals Momentum ETF	-2.09%
XSD	SPDR S&P Semiconductor ETF	-2.09%
XPH	SPDR S&P Pharmaceuticals ETF	-2.09%
AMZA	InfraCap MLP ETF	-2.05%
RYE	Invesco S&P 500 Equal Weight Energy ETF	-2.02%
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	-2.01%

Most Overbought (14-Day RSI)

Name	RSI
iShares Residential and Multisector Real Estate ETF	69.99
Technology Select Sector SPDR Fund	69.17
iShares Cohen & Steers REIT ETF	66.88
iShares Evolved US Technology ETF	66.63
Vanguard Information Technology ETF	65.93
Fidelity MSCI Information Technology Index ETF	65.53
Real Estate Select Sector SPDR Fund	65.35
Pacer Benchmark Industrial Real Estate SCTR ETF	64.89
iShares U.S. Technology ETF	64.52
Invesco Active U.S. Real Estate Fund	64.48
iShares U.S. Real Estate ETF	63.36
	iShares Residential and Multisector Real Estate ETF Technology Select Sector SPDR Fund iShares Cohen & Steers REIT ETF iShares Evolved US Technology ETF Vanguard Information Technology Index ETF Fidelity MSCI Information Technology Index ETF Real Estate Select Sector SPDR Fund Pacer Benchmark Industrial Real Estate SCTR ETF iShares U.S. Technology ETF

Most Oversold (14-Day RSI)

Ticker	Name	RSI
PBE	Invesco Dynamic Biotechnology & Genome ETF	30.19
XPH	SPDR S&P Pharmaceuticals ETF	31.84
PSCH	Invesco S&P SmallCap Health Care ETF	33.42
IEZ	iShares U.S. Oil Equipment & Services ETF	33.49
XAR	SPDR S&P Aerospace & Defense ETF	33.92
XHE	SPDR S&P Health Care Equipment ETF	34.24
XES	SPDR S&P Oil & Gas Equipment & Services ETF	34.32
FTXR	First Trust Nasdaq Transportation ETF	34.36
MLPB	ETRACS Alerian MLP Infrastructure Index ETN Series B	34.50
RYE	Invesco S&P 500 Equal Weight Energy ETF	34.69
XLE	Energy Select Sector SPDR Fund	34.72

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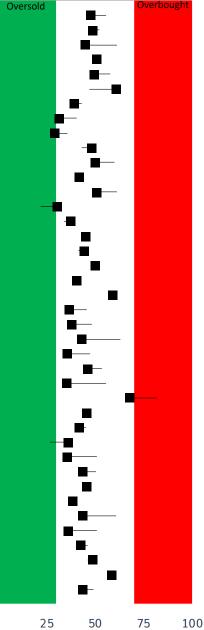


Global Themes

Sector 14-Day RSI

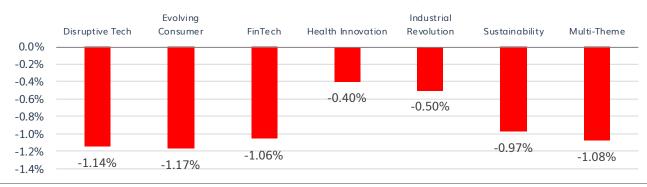
(1-week slide)

Disruptive Tech Big Data Cloud Computing Connectivity Cyber Security Digital Infrastructure **Evolving Consumer** Cannabis Casinos & Gaming Emerging Health & Wellness Online Retail Pet Ownership **Travel Tech** eSports & Video Games FinTech Blockchain **Digital Payments** Health Innovation Aging Population Biotech Cancer Immunotherapy Genomics Telemedicine & Digital Health Industrial Revolution **3D** Printing Advanced Materials NextGen Transportation Robotics & Al Security & Defense Space Multi Sustainability Clean Energy: Broad-Based Clean Energy: Solar Clean Energy: Wind Smart Infrastructure Waste Management Water Yield Cos



**RSI data uses group averages

Average Thematic Segment 1-Day Performance



1-Day Leaders

Ticker	Name	Return
REMX	VanEck Vectors Rare Earth/Strategic Metals ETF	3.00%
LIT	Global X Lithium & Battery Tech ETF	1.51%
BATT	Amplify Lithium & Battery Technology ETF	0.79%
GERM	ETFMG Treatments Testing and Advancements ETF	0.62%
KGRN	KraneShares MSCI China Environment Index ETF	0.48%
EMQQ	Emerging Markets Internet & Ecommerce ETF	0.44%
PHO	Invesco Water Resources ETF	0.24%
EVX	VanEck Vectors Environmental Services ETF	0.14%
FIW	First Trust Water ETF	0.13%
IDNA	iShares Genomics Immunology and Healthcare ETF Genomic	0.10%
SRVR	Pacer Benchmark Data & Infrastructure Real Estate SCTR E	0.07%

1-Day Laggards

Ticker	Name	Return
FAN	First Trust Global Wind Energy ETF	-2.99%
BLOK	Amplify Transformational Data Sharing ETF	-2.68%
POTX	Global X Cannabis ETF	-2.37%
LRNZ	TrueShares Technology; AI & Deep Learning ETF	-2.31%
MJ	ETFMG Alternative Harvest ETF	-2.15%
MSOS	AdvisorShares Pure US Cannabis ETF	-2.08%
BETZ	Roundhill Sports Betting & iGaming ETF	-2.04%
CTEC	Global X CleanTech ETF	-2.01%
IZRL	ARK Israel Innovative Technology ETF	-2.01%
UFO	Procure Space ETF	-1.99%
ICLN	iShares Global Clean Energy ETF	-1.99%

Most Overbought (14-Day RSI)

Ticker	Name	RSI
LIT	Global X Lithium & Battery Tech ETF	72.56
REMX	VanEck Vectors Rare Earth/Strategic Metals ETF	71.43
TECB	iShares U.S. Tech Breakthrough Multisector ETF	62.32
РНО	Invesco Water Resources ETF	62.18
SRVR	Pacer Benchmark Data & Infrastructure Real Estate SCTR E	60.83
PIO	Invesco Global Water ETF	60.60
OLD	Janus Henderson Long-Term Care ETF	58.89
BATT	Amplify Lithium & Battery Technology ETF	58.70
KARS	KraneShares Electric Vehicles & Future Mobility Index ETF	58.51
EBLU	Ecofin Global Water ESG Fund	57.12
CGW	Invesco S&P Global Water Index ETF	56.79

Most Oversold (14-Day RSI)

Ticker	Name	RSI
BETZ	Roundhill Sports Betting & iGaming ETF	27.14
MJ	ETFMG Alternative Harvest ETF	27.33
POTX	Global X Cannabis ETF	28.04
TOKE	Cambria Cannabis ETF	28.55
MOON	Direxion Moonshot Innovators ETF	29.19
IZRL	ARK Israel Innovative Technology ETF	29.35
THCX	Cannabis ETF	29.50
AWAY	ETFMG Travel Tech ETF	30.17
NERD	Roundhill BITKRAFT Esports & Digital Entertainment ETF	30.40
ВЈК	VanEck Vectors Gaming ETF	30.81
HAIL	SPDR S&P Kensho Smart Mobility ETF	30.93

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Developed ex-U.S. Equity Markets

Dev ex-U.S. (EFA)











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



1-Day Leaders

Ticker	Name	Return
EWH	iShares MSCI Hong Kong ETF	0.53%
EWY	iShares MSCI South Korea ETF	0.42%
CIL	VictoryShares International Volatility Wtd ETF	0.29%
AAXJ	iShares MSCI All Country Asia ex Japan ETF	0.21%
AIA	iShares Asia 50 ETF	0.19%
FLKR	Franklin FTSE South Korea ETF	0.18%
LVHI	Legg Mason International Low Volatility High Dividend ETF	-0.27%
IHDG	WisdomTree International Hedged Quality Dividend Growth F	-0.29%
TOK	iShares MSCI Kokusai ETF	-0.31%
BBCA	JPMorgan BetaBuilders Canada ETF	-0.31%
IDV	iShares International Select Dividend ETF	-0.34%
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1-Day Laggards

Ticker	Name	Return
GREK	Global X MSCI Greece ETF	-1.86%
EWP	iShares MSCI Spain ETF	-1.69%
HEWJ	iShares Currency Hedged MSCI Japan ETF	-1.47%
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	-1.35%
PTEU	Pacer Trendpilot European Index ETF	-1.30%
EWI	iShares MSCI Italy ETF	-1.28%
EIS	iShares MSCI Israel ETF	-1.27%
IDHQ	Invesco S&P International Developed High Quality ETF	-1.25%
EWUS	iShares MSCI United Kingdom Small Cap ETF	-1.24%
ISDX	Invesco RAFI Strategic Developed ex-US ETF	-1.24%
IEUS	iShares MSCI Europe Small-Cap ETF	-1.23%

Most Overbought (14-Day RSI)

Ticker	Name	RSI
IHDG	WisdomTree International Hedged Quality Dividend Growth F	61.42
EFAD	ProShares MSCI EAFE Dividend Growers ETF	58.91
PIZ	Invesco DWA Developed Markets Momentum ETF	58.24
TOK	iShares MSCI Kokusai ETF	56.52
EDEN	iShares MSCI Denmark ETF	56.13
IQDG	WisdomTree International Quality Dividend Growth Fund	55.42
LVHI	Legg Mason International Low Volatility High Dividend ETF	54.51
RFDI	First Trust Riverfront Dynamic Developed International ETF	54.17
IDLV	Invesco S&P International Developed Low Volatility ETF	53.48
EFAV	iShares MSCI EAFE Min Vol Factor ETF	53.23
CIL	VictoryShares International Volatility Wtd ETF	53.08

Most Oversold (14-Day RSI)

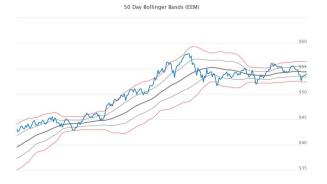
Ticker	Name	RSI
EWP	iShares MSCI Spain ETF	29.26
ISRA	VanEck Vectors Israel ETF	34.81
GREK	Global X MSCI Greece ETF	34.96
EIRL	iShares MSCI Ireland ETF	38.51
EWI	iShares MSCI Italy ETF	38.99
FIDI	Fidelity International High Dividend ETF	39.12
EWUS	iShares MSCI United Kingdom Small Cap ETF	39.17
FNDF	Schwab Fundamental International Large Co. Index ETF	39.49
EIS	iShares MSCI Israel ETF	39.60
PXF	Invesco FTSE RAFI Developed Markets ex-U.S. ETF	39.79
BBCA	JPMorgan BetaBuilders Canada ETF	40.31

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EM & Frontier Equity Markets

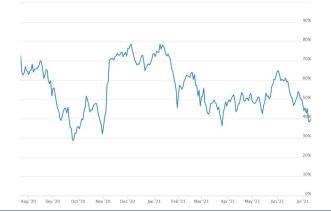
Emerging (EEM)











Top 10 EM Countries' 1-Day Performance



1-Day Leaders

Ticker	Name	Return
CNXT	VanEck Vectors ChinaAMC SME-ChiNext ETF	1.43%
GLCN	VanEck Vectors Ftse China A50 ETF	1.34%
KBA	KraneShares Bosera MSCI China A Share ETF	1.25%
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	1.23%
CNYA	iShares MSCI China A ETF	1.19%
PIE	Invesco DWA Emerging Markets Momentum ETF	1.10%
EWW	iShares MSCI Mexico ETF	1.09%
PGJ	Invesco Golden Dragon China ETF	1.01%
FXI	iShares China Large-Cap ETF	0.97%
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	0.93%
MCHI	iShares MSCI China ETF	0.92%

1-Day Laggards

Ticker	Name	Return
ECH	iShares MSCI Chile ETF	-1.83%
BRF	VanEck Vectors Brazil Small-Cap ETF	-1.66%
EPHE	iShares MSCI Philippines ETF	-1.37%
EWZS	iShares MSCI Brazil Small-Cap ETF	-1.27%
FLBR	Franklin FTSE Brazil ETF	-1.26%
EWZ	iShares MSCI Brazil ETF	-1.14%
ADRE	Invesco BLDRS Emerging Markets 50 ADR Index Fund	-1.02%
THD	iShares MSCI Thailand ETF	-1.01%
RSX	VanEck Vectors Russia ETF	-0.97%
ERUS	iShares MSCI Russia ETF	-0.96%
EZA	iShares MSCI South Africa ETF	-0.78%

Most Overbought (14-Day RSI)

Ticker	Name	RSI
GLIN	VanEck Vectors India Growth Leaders ETF	69.90
SMIN	iShares MSCI India Small Cap ETF	66.76
PIE	Invesco DWA Emerging Markets Momentum ETF	63.77
EPI	WisdomTree India Earnings Fund	59.53
CNXT	VanEck Vectors ChinaAMC SME-ChiNext ETF	59.48
EWT	iShares MSCI Taiwan ETF	58.77
EEMS	iShares MSCI Emerging Markets Small Cap ETF	58.35
EWX	SPDR S&P Emerging Markets Small Cap ETF	56.57
DGS	WisdomTree Emerging Markets SmallCap Dividend Fund	56.09
INDY	iShares India 50 ETF	55.14
KBA	KraneShares Bosera MSCI China A Share ETF	54.95

Most Oversold (14-Day RSI)

Ticker	Name	RSI
THD	iShares MSCI Thailand ETF	31.12
ECH	iShares MSCI Chile ETF	33.45
EWM	iShares MSCI Malaysia ETF	33.82
EPHE	iShares MSCI Philippines ETF	35.94
DVYE	iShares Emerging Markets Dividend ETF	36.95
VNM	VanEck Vectors Vietnam ETF	37.77
EPU	iShares MSCI Peru ETF	39.20
TUR	iShares MSCI Turkey ETF	39.46
EIDO	iShares MSCI Indonesia ETF	39.55
FNI	First Trust Chindia ETF	40.91
PGJ	Invesco Golden Dragon China ETF	41.10

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Commodities

Fixed Income









Ticker	Name	1-Day	1-M	YTD
DJP	Broad Commodities	-0.18%	0.59%	23.65%
DBE	Energy	-1.15%	0.59%	42.44%
USO	WTI Crude Oil	-1.33%	0.12%	48.56%
BNO	Brent Crude Oil	-1.56%	-0.21%	46.58%
UNG	Natural Gas	-1.17%	11.95%	37.50%
UGA	Gasoline	-1.84%	2.75%	47.47%
DBP	Precious Metals	0.13%	-2.58%	-4.12%
GLD	Gold	0.02%	-1.71%	-4.09%
SLV	Silver	0.21%	-4.95%	-0.77%
PPLT	Platinum	0.81%	-1.35%	5.63%
PALL	Palladium	-3.35%	-1.24%	11.21%
DBB	Base Metals	0.20%	-1.08%	16.51%
CPER	Copper	0.96%	-1.68%	21.30%
LD	Lead	1.56%	7.67%	16.87%
JJN	Nickel	0.18%	5.92%	11.17%
JJU	Aluminum	-0.11%	2.52%	24.84%
JJT	Tin	1.27%	7.47%	81.78%
DBA	Agriculture	0.33%	-1.08%	13.51%
CORN	Corn	-0.39%	-3.09%	31.00%
SOYB	Soybeans	-0.34%	1.12%	20.96%
WEAT	Wheat	2.07%	1.06%	7.59%
CANE	Sugar	2.24%	2.57%	24.30%
BAL	Cotton	-0.84%	2.74%	9.38%
NIB	Cocoa	-1.08%	-2.40%	-8.62%
JO	Coffee	0.20%	2.57%	17.93%





Ticker	Name	1-Day	1-M	YTD
UUP	Long Dollar	0.28%	2.26%	2.72%
UDN	Short Dollar	-0.19%	-2.38%	-3.40%
FXE	Euro	-0.19%	-2.68%	-3.83%
FXB	British Pound Sterling	-0.26%	-1.89%	0.86%
FXF	Swiss Franc	-0.36%	-2.21%	-4.17%
FXY	Japanese Yen	0.09%	0.19%	-6.29%
FXC	Canadian Dollar	-0.73%	-3.29%	0.75%
FXA	Australian Dollar	-0.78%	-3.47%	-4.01%

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Size & Style, Top 10 dev ex-U.S. countries, and Top 10 EM countries are represented by (EFA,EWJ,EWC,EWU,EWG,EWA,EWH,EWL,EWQ,EWN) and (EEM,EWZ,INDA,MCHI,EWT,EWW,ERUS,THD,EWM,EIDO,EZA). Size & Style 1day 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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