Daily Note Markets through the lens of ETFs™

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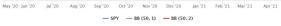




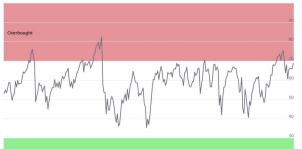
U.S. Size & Style

S&P 500











Holdings Above 50 DMA (SPY)



U.S. Size & Style 1-Day Performance



1-Day Leaders

Ticker	Name	Return
SYLD	Cambria Shareholder Yield ETF	1.27%
RDIV	Invesco S&P Ultra Dividend Revenue ETF	1.26%
DUSA	Davis Select U.S. Equity ETF	1.25%
SPHD	Invesco S&P 500 High Dividend Low Volatility ETF	1.25%
LVHD	Legg Mason Low Volatility High Dividend ETF	1.19%
ACSI	American Customer Satisfaction ETF	1.15%
SPVU	Invesco S&P 500 Enhanced Value ETF	1.15%
SPYD	SPDR Portfolio S&P 500 High Dividend ETF	1.12%
CDC	VictoryShares US EQ Income Enhanced Volatility Wtd ETF	1.12%
RPV	Invesco S&P 500 Pure Value ETF	1.12%
SDY	SPDR S&P Dividend ETF	1.11%

1-Day Laggards

Ticker	Name	Return
QMOM	Alpha Architect U.S. Quantitative Momentum ETF	-2.71%
IPO	Renaissance IPO ETF	-2.45%
RZG	Invesco S&P Smallcap 600 Pure Growth ETF	-2.29%
ENTR	ERShares Entrepreneur 30 ETF	-1.81%
QQQN	VictoryShares Nasdaq Next 50 ETF	-1.48%
FNY	First Trust Mid Cap Growth AlphaDEX Fund	-1.03%
SPAK	Defiance Next Gen SPAC Derived ETF	-1.03%
ХММО	Invesco S&P MidCap Momentum ETF	-1.00%
XSMO	Invesco S&P SmallCap Momentum ETF	-0.98%
FAD	First Trust Multi Cap Growth AlphaDEX Fund	-0.96%
QQQJ	Invesco NASDAQ Next Gen 100 ETF	-0.89%

Most Overbought (14-Day RSI)

Ticker	Name	RSI
DUSA	Davis Select U.S. Equity ETF	76.70
CZA	Invesco Zacks Mid-Cap ETF	75.20
CLRG	IQ Chaikin U.S. Large Cap ETF	74.43
LVHD	Legg Mason Low Volatility High Dividend ETF	73.76
DVOL	First Trust Dorsey Wright Momentum & Low Volatility ETF	72.97
CFA	VictoryShares US 500 Volatility Wtd ETF	71.99
CFO	VictoryShares US 500 Enhanced Volatility Wtd ETF	71.95
FLLV	Franklin Liberty U.S. Low Volatility ETF	71.95
FVAL	Fidelity Value Factor ETF	71.80
EQL	Alps Equal Sector Weight ETF	71.68
LGLV	SPDR SSGA US Large Cap Low Volatility Index ETF	71.53
	Most Overseld (14 Day PSI)	

Most Oversold (14-Day RSI)

Ticker	Name	RSI
IPO	Renaissance IPO ETF	45.55
SPAK	Defiance Next Gen SPAC Derived ETF	46.50
RZG	Invesco S&P Smallcap 600 Pure Growth ETF	47.56
ENTR	ERShares Entrepreneur 30 ETF	49.75
QMOM	Alpha Architect U.S. Quantitative Momentum ETF	50.67
XSMO	Invesco S&P SmallCap Momentum ETF	51.13
JSML	Janus Henderson Small Cap Growth Alpha ETF	52.05
AIEQ	AI Powered Equity ETF	52.27
FPX	First Trust US Equity Opportunities ETF	52.48
QQQN	VictoryShares Nasdaq Next 50 ETF	52.59
XSLV	Invesco S&P SmallCap Low Volatility ETF	53.02

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U.S. Sectors & Industries

S&P Sector & Industry 1-Day Performance

Comm Svcs (XLC)	2.77%
Financials (XLF)	1.78%
Banks (KBE)	1.19%
Regional Banking (KRE)	1.18%
Homebuilders (XHB)	1.12%
Energy (XLE)	1.12%
Cons Staples (XLP)	1.06%
Telecom (XTL)	0.96%
Utilities (XLU)	0.91%
Insurance (KIE)	0.89%
Real Estate (XLRE)	0.73%
Industrial (XLI)	0.71%
Aerospace & Defense (XAR)	0.66%
S&P 500 (SPY)	0.64%
Capital Mkts (KCE)	0.62%
Materials (XLB)	0.62%
Transportation (XTN)	0.57%
Oil & Gas Equip. & Svcs (XES)	0.42%
Health Care Svcs (XHS)	0.21%
Cons Discretionary (XLY)	0.03%
Oil & Gas Expl. & Prod (XOP)	-0.07%
Technology (XLK)	-0.08%
Retail (XRT)	-0.14%
Health Care (XLV)	-0.40%
Health Care Equipment (XHE)	-0.64%
Pharmaceuticals (XPH)	-0.66%
Semiconductor (XSD)	-1.11%
Internet (XWEB)	-1.13%
Biotech (XBI)	-1.17%
Software & Svcs (XSW)	-1.28%
Metals & Minging (XME)	-2.33%
	3.0% 2.0% 1.0% 1.0% 3.0% 3.0%
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	XLB	
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0.91%		
0.89%	Ticker	
0.73%		
0.71%	XLC	Commu
0.66%	VOX	Vangua
0.64%	FCOM	Fidelity
	KBWB	Invesco
0.62%	XLF	Financia
0.62%	ITB	iShares
0.57%	RYF	Invesco
0.42%	IAT	iShares
0.21%	VFH	Vangua
0.03%	FNCL	Fidelity
	RHS	Invesco
•	Ticker	
	PTF	Invesco
	XME	SPDR S
	IGV	iShares
	PSCT	Invesco
	XSW	SPDR S
	IBB	iShares
	XBI	SPDR S
	XWEB	SPDR S
	PTH	Invesco
%0. %0. %0.	XSD	SPDR S

Select Sector SPDRs Technicals

Ticker	Fund Name	% From 52W	% From 52W	% Abv/Below 50	% Abv/Below	RSI(14D)
1101101		High	Low	SMA	200 SMA	101(112)
XLF	Financial Select Sector SPDR Fund	0.00%	77.06%	6.57%	26.94%	69.54
XLI	Industrial Select Sector SPDR Fund	0.00%	73.77%	5.54%	18.77%	67.18
XLC	Communication Services Select Sector SPDR Fund	0.00%	58.23%	5.88%	19.03%	69.86
XLB	Materials Select Sector SPDR Fund	0.00%	68.47%	6.49%	18.62%	66.43
XLRE	Real Estate Select Sector SPDR Fund	0.00%	37.15%	7.34%	14.49%	75.79
XLY	Consumer Discretionary Select Sector SPDR Fund	-0.91%	58.47%	5.21%	12.79%	60.30
XLP	Consumer Staples Select Sector SPDR Fund	-1.07%	22.20%	3.42%	5.62%	58.86
XLK	Technology Select Sector SPDR Fund	-1.25%	54.23%	4.66%	12.90%	56.81
XLV	Health Care Select Sector SPDR Fund	-1.61%	25.49%	4.24%	9.13%	62.11
XLU	Utilities Select Sector SPDR Fund	-2.24%	20.78%	4.63%	6.33%	58.55
XLE	Energy Select Sector SPDR Fund	-5.41%	82.86%	2.22%	27.25%	61.24

1-Day Leaders

Ticker	Name	Return
XLC	Communication Services Select Sector SPDR Fund	2.77%
VOX	Vanguard Communication Services ETF	2.29%
FCOM	Fidelity MSCI Communication Services Index ETF	2.28%
KBWB	Invesco KBW Bank ETF	1.90%
XLF	Financial Select Sector SPDR Fund	1.78%
ITB	iShares U.S. Home Construction ETF	1.74%
RYF	Invesco S&P 500 Equal Weight Financials ETF	1.61%
IAT	iShares U.S. Regional Banks ETF	1.60%
VFH	Vanguard Financials ETF	1.58%
FNCL	Fidelity MSCI Financials Index ETF	1.49%
RHS	Invesco S&P 500 Equal Weight Consumer Staples ETF	1.46%

1-Day Laggards

Ticker	Name	Return
PTF	Invesco DWA Technology Momentum ETF	-2.54%
XME	SPDR S&P Metals & Mining ETF	-2.33%
IGV	iShares Expanded Tech-Software Sector ETF	-1.41%
PSCT	Invesco S&P SmallCap Information Technology ETF	-1.38%
XSW	SPDR S&P Software & Services ETF	-1.28%
IBB	iShares NASDAQ Biotechnology ETF	-1.19%
XBI	SPDR S&P BIOTECH ETF	-1.17%
XWEB	SPDR S&P Internet ETF	-1.13%
PTH	Invesco DWA Healthcare Momentum ETF	-1.11%
XSD	SPDR S&P Semiconductor ETF	-1.11%
PBE	Invesco Dynamic Biotechnology & Genome ETF	-1.09%

Most Overbought (14-Day RSI)

Ticker	Name	RSI
EMLP	First Trust North American Energy Infrastructure Fund	76.32
SCHH	Schwab U.S. REIT ETF	75.67
XLRE	Real Estate Select Sector SPDR Fund	75.55
IYR	iShares U.S. Real Estate ETF	75.54
VNQ	Vanguard Real Estate ETF	74.89
FREL	Fidelity MSCI Real Estate Index ETF	74.65
PSR	Invesco Active U.S. Real Estate Fund	74.38
ICF	iShares Cohen & Steers REIT ETF	74.13
IYF	iShares U.S. Financials ETF	73.65
FRI	First Trust S&P REIT Index Fund	73.42
TPYP	Tortoise North American Pipeline Fund	73.19

Most Oversold (14-Day RSI)

Ticker	Name	RSI
РЈР	Invesco Dynamic Pharmaceuticals ETF	45.09
XPH	SPDR S&P Pharmaceuticals ETF	46.80
FTXL	First Trust Nasdaq Semiconductor ETF	48.83
PEJ	Invesco Dynamic Leisure & Entertainment ETF	48.87
XSD	SPDR S&P Semiconductor ETF	49.25
PTF	Invesco DWA Technology Momentum ETF	49.29
PSCT	Invesco S&P SmallCap Information Technology ETF	49.79
PBS	Invesco Dynamic Media ETF	50.69
IGN	iShares North American Tech-Multimedia Networking ETF	51.61
PTH	Invesco DWA Healthcare Momentum ETF	51.73
SOXX	iShares PHLX Semiconductor ETF	51.84

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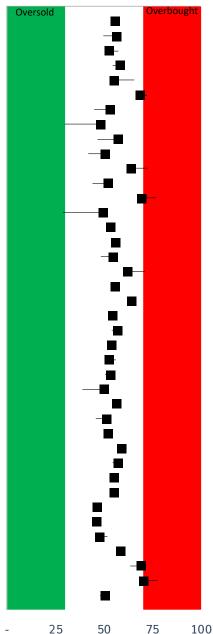
Global Themes

Sector 14-Day RSI

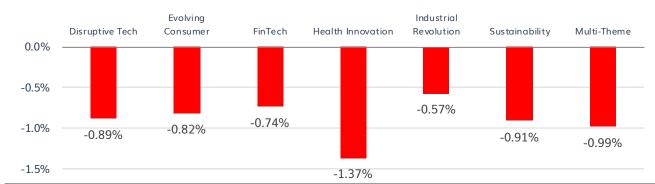
(1-week slide)

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 25 50

**RSI data uses group averages



Average Thematic Segment 1-Day Performance



1-Day Leaders

Ticker	Name	Return
UFO	Procure Space ETF	1.55%
EVX	VanEck Vectors Environmental Services ETF	1.50%
FMIL	Fidelity New Millennium ETF	1.11%
FIVG	Defiance Next Gen Connectivity ETF	0.96%
LEGR	First Trust Indxx Innovative Transaction & Process ETF	0.66%
SOCL	Global X Social Media ETF	0.60%
SNSR	Global X Internet of Things ETF	0.54%
NXTG	First Trust Indxx NextG ETF	0.51%
РНО	Invesco Water Resources ETF	0.46%
ROKT	SPDR S&P Kensho Final Frontiers ETF	0.46%
QTUM	Defiance Quantum ETF	0.41%

1-Day Laggards

Ticker	Name	Return
MOON	Direxion Moonshot Innovators ETF	-4.28%
BLOK	Amplify Transformational Data Sharing ETF	-3.02%
ARKK	ARK Innovation ETF	-2.89%
LRNZ	TrueShares Technology; AI & Deep Learning ETF	-2.74%
ARKW	ARK Next Generation Internet ETF	-2.65%
WCLD	WisdomTree Cloud Computing Fund	-2.63%
GNOM	Global X Genomics & Biotechnology ETF	-2.51%
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	-2.43%
GIGE	SoFi Gig Economy ETF	-2.26%
IVES	Wedbush ETFMG Global Cloud Technology ETF	-2.15%
ARKG	ARK Genomic Revolution ETF	-2.12%

Most Overbought (14-Day RSI)

Ticker	Name	RSI
PIO	Invesco Global Water ETF	74.27
CGW	Invesco S&P Global Water Index ETF	73.66
PAWZ	ProShares Pet Care ETF	69.30
РНО	Invesco Water Resources ETF	69.17
EVX	VanEck Vectors Environmental Services ETF	68.80
SRVR	Pacer Benchmark Data & Infrastructure Real Estate SCTR E	68.28
FMIL	Fidelity New Millennium ETF	66.95
EBLU	Ecofin Global Water ESG Fund	66.81
FIW	First Trust Water ETF	66.52
LEGR	First Trust Indxx Innovative Transaction & Process ETF	64.72
OLD	Janus Henderson Long-Term Care ETF	64.19

Most Oversold (14-Day RSI)

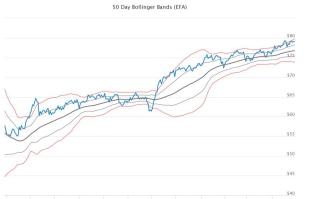
Ticker	Name	RSI
PBW	Invesco WilderHill Clean Energy ETF	44.68
BLOK	Amplify Transformational Data Sharing ETF	44.81
YOLO	AdvisorShares Pure Cannabis ETF	45.37
CNRG	SPDR S&P Kensho Clean Power ETF	45.58
LOUP	Innovator Loup Frontier Tech ETF	45.86
TAN	Invesco Solar ETF	45.91
CTEC	Global X CleanTech ETF	46.21
TOKE	Cambria Cannabis ETF	46.29
ARKW	ARK Next Generation Internet ETF	46.37
SMOG	VanEck Vectors Low Carbon Energy ETF	46.54
MSOS	AdvisorShares Pure US Cannabis ETF	46.61

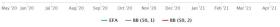
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Developed ex-U.S. Equity Markets

Dev ex-U.S. (EFA)

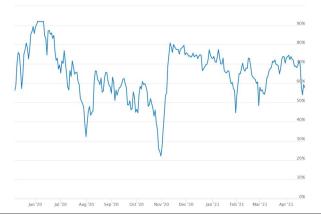




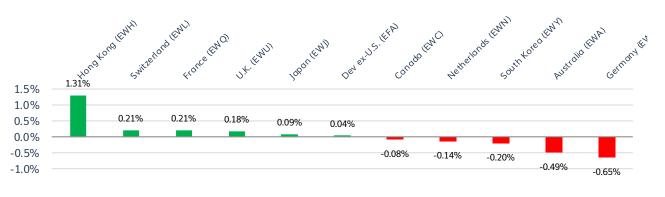








Top 10 Dev ex-U.S. Countries' 1-Day Performance



1-Day Leaders

Ticker	Name	Return
EWH	iShares MSCI Hong Kong ETF	1.31%
EWO	iShares MSCI Austria ETF	0.81%
PDEV	Principal International Multi-Factor ETF	0.68%
GREK	Global X MSCI Greece ETF	0.59%
GREK	Global X MSCI Greece ETF	0.59%
EWP	iShares MSCI Spain ETF	0.59%
EIS	iShares MSCI Israel ETF	0.57%
TOK	iShares MSCI Kokusai ETF	0.56%
DXJ	WisdomTree Japan Hedged Equity Fund	0.42%
ENZL	iShares MSCI New Zealand ETF	0.40%
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	0.34%
	1 Day Laggards	

1-Day Laggards

Ticker	Name	Return
FGM	First Trust Germany AlphaDEX Fund	-1.20%
HEWG	iShares Currency Hedged MSCI Germany ETF	-0.70%
EWG	iShares MSCI Germany ETF	-0.65%
EWA	iShares MSCI Australia ETF	-0.49%
TPIF	Timothy Plan International ETF	-0.48%
IMTM	iShares MSCI Intl Momentum Factor ETF	-0.48%
EWI	iShares MSCI Italy ETF	-0.46%
FEP	First Trust Europe AlphaDEX Fund	-0.46%
IDOG	ALPS International Sector Dividend Dogs ETF	-0.46%
EWS	iShares MSCI Singapore ETF	-0.37%
FDD	First Trust Stoxx European Select Dividend Index Fund	-0.34%

Most Overbought (14-Day RSI)

Ticker	Name	RSI
DFE	WisdomTree Europe SmallCap Dividend Fund	71.55
EWP	iShares MSCI Spain ETF	71.38
EWQ	iShares MSCI France ETF	71.27
EWO	iShares MSCI Austria ETF	70.92
IEUS	iShares MSCI Europe Small-Cap ETF	70.83
EIRL	iShares MSCI Ireland ETF	70.05
PDEV	Principal International Multi-Factor ETF	68.93
EDEN	iShares MSCI Denmark ETF	68.34
EZU	iShares MSCI Eurozone ETF	68.23
ТОК	iShares MSCI Kokusai ETF	68.21
EIS	iShares MSCI Israel ETF	68.04

Most Oversold (14-Day RSI)

Ticker	Name	RSI
DFJ	WisdomTree Japan SmallCap Dividend Fund	39.07
JPXN	iShares JPX-Nikkei 400 ETF	41.21
SCJ	iShares MSCI Japan Small-Cap ETF	42.27
FLJP	Franklin FTSE Japan ETF	42.47
EWJ	iShares MSCI Japan ETF	42.81
ввјр	JPMorgan BetaBuilders Japan ETF	42.81
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	43.49
HEWJ	iShares Currency Hedged MSCI Japan ETF	43.80
DXJ	WisdomTree Japan Hedged Equity Fund	45.88
IPAC	iShares Core MSCI Pacific ETF	48.84
VPL	Vanguard FTSE Pacific ETF	50.64

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EM & Frontier Equity Markets

Emerging (EEM)

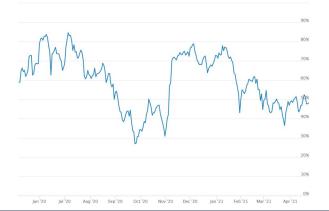














1-Day Leaders

-1.0%

Ticker	Name	Return
EPOL	iShares MSCI Poland ETF	2.06%
EWZS	iShares MSCI Brazil Small-Cap ETF	1.44%
THD	iShares MSCI Thailand ETF	1.34%
FEMS	First Trust Emerging Markets Small Cap AlphaDEX Fund	0.77%
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	0.73%
KBA	KraneShares Bosera MSCI China A Share ETF	0.68%
BRF	VanEck Vectors Brazil Small-Cap ETF	0.67%
EPU	iShares MSCI Peru ETF	0.63%
EIDO	iShares MSCI Indonesia ETF	0.60%
EPHE	iShares MSCI Philippines ETF	0.55%
FEM	First Trust Emerging Markets AlphaDEX Fund	0.50%

1-Day Laggards

Ticker	Name	Return
PGJ	Invesco Golden Dragon China ETF	-2.55%
ECH	iShares MSCI Chile ETF	-2.55%
KSA	iShares MSCI Saudi Arabia ETF	-1.24%
ADRE	Invesco BLDRS Emerging Markets 50 ADR Index Fund	-1.21%
FNI	First Trust Chindia ETF	-1.19%
EZA	iShares MSCI South Africa ETF	-0.85%
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	-0.84%
ECNS	iShares MSCI China Small-Cap ETF	-0.82%
QAT	iShares MSCI Qatar ETF	-0.81%
LDEM	iShares ESG MSCI EM Leaders ETF	-0.78%
BICK	First Trust BICK Index Fund	-0.70%

Most Overbought (14-Day RSI)

Ticker	Name	RSI
EWT	iShares MSCI Taiwan ETF	75.66
DGS	WisdomTree Emerging Markets SmallCap Dividend Fund	73.43
EWX	SPDR S&P Emerging Markets Small Cap ETF	72.72
EELV	Invesco S&P Emerging Markets Low Volatility ETF	72.36
FEMS	First Trust Emerging Markets Small Cap AlphaDEX Fund	72.09
KSA	iShares MSCI Saudi Arabia ETF	71.76
EPOL	iShares MSCI Poland ETF	70.88
EEMS	iShares MSCI Emerging Markets Small Cap ETF	70.86
EWZS	iShares MSCI Brazil Small-Cap ETF	69.62
BRF	VanEck Vectors Brazil Small-Cap ETF	68.82
FLBR	Franklin FTSE Brazil ETF	67.85

Most Oversold (14-Day RSI)

Ticker	Name	RSI
ECH	iShares MSCI Chile ETF	32.37
EPU	iShares MSCI Peru ETF	32.84
TUR	iShares MSCI Turkey ETF	46.64
PGJ	Invesco Golden Dragon China ETF	47.69
EIDO	iShares MSCI Indonesia ETF	48.79
EPHE	iShares MSCI Philippines ETF	48.80
FLCH	Franklin FTSE China ETF	50.01
FXI	iShares China Large-Cap ETF	50.17
MCHI	iShares MSCI China ETF	51.36
GXC	SPDR S&P China ETF	51.86
FNI	First Trust Chindia ETF	52.00

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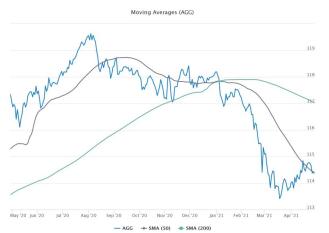
**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify

-0.85%

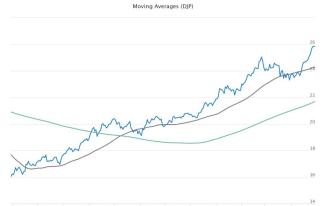


Commodities

Fixed Income



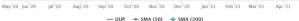






Ticker	Name	1-Day	1-M	YTD
DJP	Broad Commodities	-0.04%	8.89%	18.04%
DBE	Energy	1.17%	5.78%	30.38%
USO	WTI Crude Oil	1.68%	5.58%	34.08%
BNO	Brent Crude Oil	1.95%	5.43%	34.24%
UNG	Natural Gas	-1.51%	7.09%	13.26%
UGA	Gasoline	1.32%	4.44%	38.42%
DBP	Precious Metals	-0.40%	4.05%	-6.32%
GLD	Gold	-0.41%	3.69%	-6.81%
SLV	Silver	-0.61%	5.85%	-1.30%
PPLT	Platinum	-1.63%	2.28%	11.68%
PALL	Palladium	0.42%	17.11%	20.62%
DBB	Base Metals	-0.59%	6.47%	17.21%
CPER	Copper	-0.79%	10.72%	26.91%
LD	Lead	0.67%	8.34%	5.93%
JJN	Nickel	-1.50%	5.15%	2.44%
JJU	Aluminum	1.02%	7.05%	21.83%
JJT	Tin	0.21%	12.21%	51.25%
DBA	Agriculture	-0.44%	8.67%	13.32%
CORN	Corn	0.65%	19.92%	28.31%
SOYB	Soybeans	-0.13%	8.63%	15.72%
WEAT	Wheat	1.88%	18.69%	13.89%
CANE	Sugar	-0.87%	12.60%	18.52%
BAL	Cotton	-3.33%	5.77%	7.13%
NIB	Cocoa	1.40%	1.80%	-0.42%
JO	Coffee	-2.20%	11.86%	9.14%





Ticker	Name	1-Day	1-M	YTD
UUP	Long Dollar	0.04%	-2.64%	0.58%
UDN	Short Dollar	0.00%	2.57%	-0.96%
FXE	Euro	-0.01%	2.98%	-1.03%
FXB	British Pound Sterling	0.04%	1.36%	1.91%
FXF	Swiss Franc	0.09%	3.28%	-2.95%
FXY	Japanese Yen	-0.25%	0.78%	-5.38%
FXC	Canadian Dollar	0.36%	2.58%	3.52%
FXA	Australian Dollar	-0.25%	1.84%	0.68%

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Source Data

FactSet Research Systems



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