# Daily Note Markets through the lens of ETFs™

Member Login

Create Account

# 5.4.2021





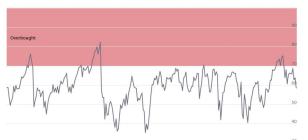
## U.S. Size & Style

### S&P 500



— BB (50, 1) — BB (50, 2)







Holdings Above 50 DMA (SPY)







### 1-Day Leaders

Ticker	Name	Return
QVAL	Alpha Architect U.S. Quantitative Value ETF	0.94%
SDY	SPDR S&P Dividend ETF	0.84%
SPVU	Invesco S&P 500 Enhanced Value ETF	0.78%
SYLD	Cambria Shareholder Yield ETF	0.69%
NOBL	ProShares S&P 500 Dividend Aristocrats ETF	0.68%
SCHD	Schwab US Dividend Equity ETF	0.61%
DON	WisdomTree U.S. MidCap Dividend Fund	0.59%
PEY	Invesco High Yield Equity Dividend Achievers ETF	0.57%
XMVM	Invesco S&P MidCap Value with Momentum ETF	0.57%
REGL	ProShares S&P MidCap 400 Dividend Aristocrats ETF	0.56%
RDIV	Invesco S&P Ultra Dividend Revenue ETF	0.55%

1-Day Laggards

Ticker	Name	Return
QMOM	Alpha Architect U.S. Quantitative Momentum ETF	-4.60%
ENTR	ERShares Entrepreneur 30 ETF	-3.26%
IPO	Renaissance IPO ETF	-2.62%
MFMS	Motley Fool Small-Cap Growth ETF	-2.55%
QQQN	VictoryShares Nasdaq Next 50 ETF	-2.44%
QQH	HCM Defender 100 Index ETF	-2.40%
AIEQ	AI Powered Equity ETF	-2.33%
IWO	iShares Russell 2000 Growth ETF	-2.23%
FDG	American Century Focused Dynamic Growth ETF	-2.23%
VTWG	Vanguard Russell 2000 Growth ETF	-2.18%
FYC	First Trust Small Cap Growth AlphaDEX Fund	-2.01%

### Most Overbought (14-Day RSI)

Ticker	Name	RSI
HUSV	First Trust Horizon Managed Volatility Domestic ETF	74.42
CDL	VictoryShares US Large Cap High Dividend Volatility Wtd ET	73.73
NOBL	ProShares S&P 500 Dividend Aristocrats ETF	73.56
FDL	First Trust Morningstar Dividend Leaders Index Fund	73.25
CZA	Invesco Zacks Mid-Cap ETF	73.07
LGLV	SPDR SSGA US Large Cap Low Volatility Index ETF	73.02
CDC	VictoryShares US EQ Income Enhanced Volatility Wtd ETF	72.62
LVHD	Legg Mason Low Volatility High Dividend ETF	72.31
SDY	SPDR S&P Dividend ETF	71.22
FVD	First Trust Value Line Dividend Index Fund	71.16
FTCS	First Trust Capital Strength ETF	70.84

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

Ticker	Name	RSI
IPO	Renaissance IPO ETF	35.95
QMOM	Alpha Architect U.S. Quantitative Momentum ETF	36.69
ENTR	ERShares Entrepreneur 30 ETF	37.51
QQQN	VictoryShares Nasdaq Next 50 ETF	39.23
SPAK	Defiance Next Gen SPAC Derived ETF	39.87
AIEQ	AI Powered Equity ETF	39.92
QQQJ	Invesco NASDAQ Next Gen 100 ETF	40.42
FPX	First Trust US Equity Opportunities ETF	40.97
MFMS	Motley Fool Small-Cap Growth ETF	41.91
JSML	Janus Henderson Small Cap Growth Alpha ETF	41.98
DFNV	TrimTabs Donoghue Forlines Risk Managed Innovation ETF	42.17

© 2021 ETFAction.com



# **U.S. Sectors & Industries**

### S&P Sector & Industry 1-Day Performance

Metals & Minging (XME)	
Regional Banking (KRE)	
Banks (KBE)	
Materials (XLB)	
Financials (XLF)	
Oil & Gas Equip. & Svcs (XES)	
Industrial (XLI)	
Homebuilders (XHB)	
Insurance (KIE)	
Health Care (XLV)	
Energy (XLE)	
Health Care Svcs (XHS)	-0.14%
Oil & Gas Expl. & Prod (XOP)	-0.14%
Capital Mkts (KCE)	-0.19%
Utilities (XLU)	-0.37%
Transportation (XTN)	-0.48%
Cons Staples (XLP)	-0.51%
Real Estate (XLRE)	-0.61%
S&P 500 (SPY)	-0.62%
Comm Svcs (XLC)	-0.90%
Retail (XRT)	-0.93%
Cons Discretionary (XLY)	-1.04%
Telecom (XTL)	-1.08%
Aerospace & Defense (XAR)	-1.38%
Technology (XLK)	-1.79%
Semiconductor (XSD)	-1.83%
Pharmaceuticals (XPH)	-1.99%
Software & Svcs (XSW)	-2.06%
Health Care Equipment (XHE)	-2.49%
Internet (XWEB)	-2.67%
Biotech (XBI)	-3.84%
	% % % % % % % %

	2.99%
	1.61%
	1.24%
	1.09%
	0.80%
	0.65%
	0.44%
	0.29%
	0.13%
	0.11%
	0.06%
-0.14%	
-0.14%	
-0.19% 🛛	
-0.37% 🗖	
-0.48% 💻	
-0.51% 💻	
-0.61% 💻	
-0.62% 💻	
-0.90% 💻	
-0.93%	
-1.04%	
-1.08%	
-1.38%	
-1.79%	
-1.83%	
-1.99%	
-2.06%	
-2.49%	
-2.67%	
4%	
5.0% 4.0% 3.0% 2.0% 1.0%	1.0% 2.0% 3.0% 4.0%

### Select Sector SPDRs Technicals

Ticker	Fund Name	% From 52W	% From 52W	% Abv/Below 50	% Abv/Below	RSI (14D)
1101101		High	Low	SMA	200 SMA	
XLF	Financial Select Sector SPDR Fund	0.00%	70.13%	6.30%	26.65%	68.32
XLI	Industrial Select Sector SPDR Fund	0.00%	65.30%	5.63%	19.08%	67.98
XLB	Materials Select Sector SPDR Fund	0.00%	61.73%	7.38%	19.84%	68.20
XLV	Health Care Select Sector SPDR Fund	-0.68%	26.68%	4.79%	9.92%	66.01
XLP	Consumer Staples Select Sector SPDR Fund	-0.68%	22.16%	3.38%	5.85%	59.40
XLRE	Real Estate Select Sector SPDR Fund	-1.15%	32.71%	6.13%	13.59%	66.54
XLU	Utilities Select Sector SPDR Fund	-1.86%	20.44%	4.46%	6.58%	59.18
XLY	Consumer Discretionary Select Sector SPDR Fund	-2.03%	47.55%	3.62%	11.07%	52.87
XLC	Communication Services Select Sector SPDR Fund	-2.77%	47.06%	2.53%	15.20%	54.14
XLK	Technology Select Sector SPDR Fund	-4.62%	43.39%	0.89%	8.64%	43.04
XLE	Energy Select Sector SPDR Fund	-5.21%	83.26%	2.10%	26.91%	59.45

### 1-Day Leaders

Ticker	Name	Return
XME	SPDR S&P Metals & Mining ETF	2.99%
PYZ	Invesco DWA Basic Materials Momentum ETF	2.78%
IAT	iShares U.S. Regional Banks ETF	1.77%
RTM	Invesco S&P 500 Equal Weight Materials ETF	1.73%
KRE	SPDR S&P Regional Banking ETF	1.61%
IHF	iShares U.S. Healthcare Providers ETF	1.47%
PAVE	Global X U.S. Infrastructure Development ETF	1.46%
KBWB	Invesco KBW Bank ETF	1.43%
FMAT	Fidelity MSCI Materials Index ETF	1.40%
VAW	Vanguard Materials ETF	1.31%
FXZ	First Trust Materials AlphaDEX Fund	1.27%

1-Day Laggards

Ticker	Name	Return
XBI	SPDR S&P BIOTECH ETF	-3.84%
PSCT	Invesco S&P SmallCap Information Technology ETF	-3.04%
IBB	iShares NASDAQ Biotechnology ETF	-2.84%
XWEB	SPDR S&P Internet ETF	-2.67%
PSJ	Invesco Dynamic Software ETF	-2.63%
PTH	Invesco DWA Healthcare Momentum ETF	-2.60%
XHE	SPDR S&P Health Care Equipment ETF	-2.49%
PBE	Invesco Dynamic Biotechnology & Genome ETF	-2.40%
IGV	iShares Expanded Tech-Software Sector ETF	-2.38%
PTF	Invesco DWA Technology Momentum ETF	-2.34%
FDN	First Trust Dow Jones Internet Index Fund	-2.32%

### Most Overbought (14-Day RSI)

Ticker	Name	RSI
IHF	iShares U.S. Healthcare Providers ETF	75.18
EMLP	First Trust North American Energy Infrastructure Fund	73.73
TPYP	Tortoise North American Pipeline Fund	71.34
RTM	Invesco S&P 500 Equal Weight Materials ETF	71.18
IYF	iShares U.S. Financials ETF	70.05
KIE	SPDR S&P Insurance ETF	69.99
IAK	iShares U.S. Insurance ETF	69.83
IYT	iShares Transportation Average ETF	69.68
RYF	Invesco S&P 500 Equal Weight Financials ETF	69.43
RGI	Invesco S&P 500 Equal Weight Industrials ETF	69.04
VAW	Vanguard Materials ETF	68.92

### Most Oversold (14-Day RSI)

Ticker	Name	RSI
PEJ	Invesco Dynamic Leisure & Entertainment ETF	36.72
XSD	SPDR S&P Semiconductor ETF	37.00
XPH	SPDR S&P Pharmaceuticals ETF	37.03
FTXL	First Trust Nasdaq Semiconductor ETF	37.75
PBS	Invesco Dynamic Media ETF	37.90
PSCT	Invesco S&P SmallCap Information Technology ETF	37.92
FDN	First Trust Dow Jones Internet Index Fund	38.61
IGV	iShares Expanded Tech-Software Sector ETF	38.80
IGN	iShares North American Tech-Multimedia Networking ETF	39.41
XWEB	SPDR S&P Internet ETF	39.98
FNGS	MicroSectors FANG+ ETN	40.16

© 2021 ETFAction.com

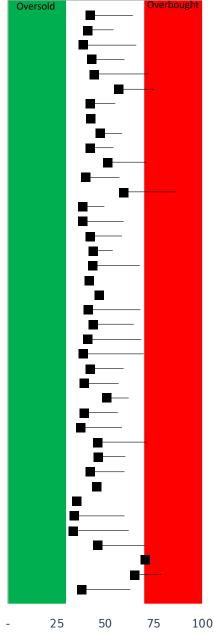


## **Global Themes**

### Sector 14-Day RSI

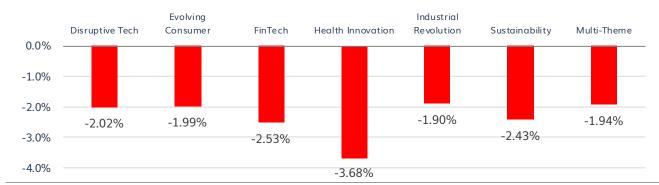
(1-week slide)

**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
РНО	Invesco Water Resources ETF	0.48%
CGW	Invesco S&P Global Water Index ETF	0.29%
REMX	VanEck Vectors Rare Earth/Strategic Metals ETF	0.19%
EBLU	Ecofin Global Water ESG Fund	0.16%
FIW	First Trust Water ETF	0.04%
EVX	VanEck Vectors Environmental Services ETF	0.01%
FMIL	Fidelity New Millennium ETF	-0.10%
PIO	Invesco Global Water ETF	-0.44%
KFVG	KraneShares CICC China 5G & Semiconductor Index ETF	-0.79%
MJ	ETFMG Alternative Harvest ETF	-0.90%
SIMS	SPDR S&P Kensho Intelligent Structures ETF	-0.93%

1-Day Laggards

Ticker	Name	Return
CTEC	Global X CleanTech ETF	-6.37%
TAN	Invesco Solar ETF	-5.97%
SBIO	ALPS Medical Breakthroughs ETF	-4.87%
CNCR	Loncar Cancer Immunotherapy ETF	-4.77%
BLOK	Amplify Transformational Data Sharing ETF	-4.63%
IDNA	iShares Genomics Immunology and Healthcare ETF Genomic	-4.43%
GERM	ETFMG Treatments Testing and Advancements ETF	-4.41%
BTEC	Principal Healthcare Innovators Index ETF	-4.28%
PBD	Invesco Global Clean Energy ETF	-4.25%
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	-4.25%
BBC	Virtus LifeSci Biotech Clinical Trials ETF	-4.22%

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

Ticker	Name	RSI
EVX	VanEck Vectors Environmental Services ETF	70.77
CGW	Invesco S&P Global Water Index ETF	67.55
РНО	Invesco Water Resources ETF	67.00
EBLU	Ecofin Global Water ESG Fund	63.95
PIO	Invesco Global Water ETF	63.82
FIW	First Trust Water ETF	63.25
FMIL	Fidelity New Millennium ETF	63.04
PAWZ	ProShares Pet Care ETF	59.14
SRVR	Pacer Benchmark Data & Infrastructure Real Estate SCTR E	56.75
REMX	VanEck Vectors Rare Earth/Strategic Metals ETF	54.46
MSOS	AdvisorShares Pure US Cannabis ETF	53.53

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

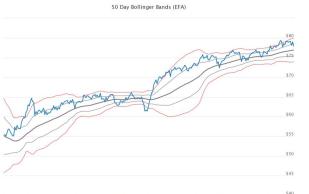
Ticker	Name	RSI
CTEC	Global X CleanTech ETF	32.32
FAN	First Trust Global Wind Energy ETF	33.27
TAN	Invesco Solar ETF	33.98
PBD	Invesco Global Clean Energy ETF	34.15
LOUP	Innovator Loup Frontier Tech ETF	34.16
IRBO	iShares Robotics and Artificial Intelligence Multisector ETF	34.63
ACES	ALPS Clean Energy ETF	34.80
CNRG	SPDR S&P Kensho Clean Power ETF	35.24
HERO	Global X Video Games & Esports ETF	35.49
IVES	Wedbush ETFMG Global Cloud Technology ETF	35.60
ICLN	iShares Global Clean Energy ETF	35.62

© 2021 ETFAction.com



# Developed ex-U.S. Equity Markets

### Dev ex-U.S. (EFA)

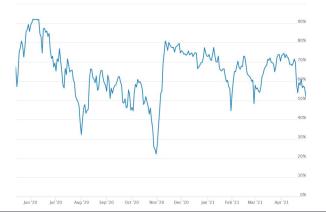




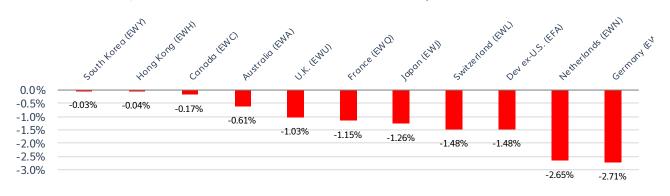




Holdings Above 50 DMA (EFA)



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



### 1-Day Leaders

Ticker	Name	Return
PDEV	Principal International Multi-Factor ETF	1.24%
FLKR	Franklin FTSE South Korea ETF	0.00%
EWY	iShares MSCI South Korea ETF	-0.03%
EWH	iShares MSCI Hong Kong ETF	-0.04%
CIL	VictoryShares International Volatility Wtd ETF	-0.15%
EWC	iShares MSCI Canada ETF	-0.17%
BBCA	JPMorgan BetaBuilders Canada ETF	-0.34%
EWO	iShares MSCI Austria ETF	-0.47%
EPP	iShares MSCI Pacific ex-Japan ETF	-0.50%
FIDI	Fidelity International High Dividend ETF	-0.55%
EWA	iShares MSCI Australia ETF	-0.61%

1-Day Laggards

Ticker	Name	Return
IMOM	Alpha Architect International Quantitative Momentum ETF	-3.75%
FGM	First Trust Germany AlphaDEX Fund	-2.89%
ISRA	VanEck Vectors Israel ETF	-2.88%
EWG	iShares MSCI Germany ETF	-2.71%
EWN	iShares MSCI Netherlands ETF	-2.65%
EWD	iShares MSCI Sweden ETF	-2.38%
HEWG	iShares Currency Hedged MSCI Germany ETF	-2.27%
EWI	iShares MSCI Italy ETF	-2.24%
EDEN	iShares MSCI Denmark ETF	-2.22%
IEUS	iShares MSCI Europe Small-Cap ETF	-2.22%
PIZ	Invesco DWA Developed Markets Momentum ETF	-2.19%

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

Ticker	Name	RSI
EWP	iShares MSCI Spain ETF	62.90
PDEV	Principal International Multi-Factor ETF	62.40
EWC	iShares MSCI Canada ETF	61.44
BBCA	JPMorgan BetaBuilders Canada ETF	60.91
EWO	iShares MSCI Austria ETF	59.65
EWQ	iShares MSCI France ETF	56.61
ENZL	iShares MSCI New Zealand ETF	56.14
WPS	iShares International Developed Property ETF	55.94
GREK	Global X MSCI Greece ETF	55.80
FIDI	Fidelity International High Dividend ETF	55.71
EWU	iShares MSCI United Kingdom ETF	55.65

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

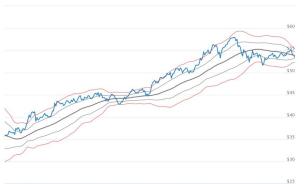
Ticker	Name	RSI
AIA	iShares Asia 50 ETF	38.63
JPXN	iShares JPX-Nikkei 400 ETF	40.31
EWJ	iShares MSCI Japan ETF	40.49
ВВЉ	JPMorgan BetaBuilders Japan ETF	40.75
FLJP	Franklin FTSE Japan ETF	40.81
DFJ	WisdomTree Japan SmallCap Dividend Fund	40.85
IMOM	Alpha Architect International Quantitative Momentum ETF	41.61
DBJ₽	Xtrackers MSCI Japan Hedged Equity ETF	41.77
AAXJ	iShares MSCI All Country Asia ex Japan ETF	42.13
HEWG	iShares Currency Hedged MSCI Germany ETF	42.20
EWS	iShares MSCI Singapore ETF	42.73

© 2021 ETFAction.com



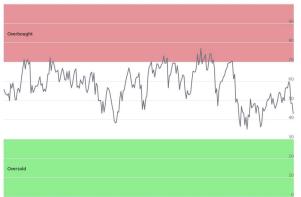
# EM & Frontier Equity Markets

# Emerging (EEM)

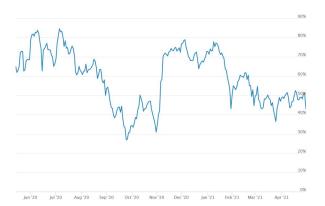


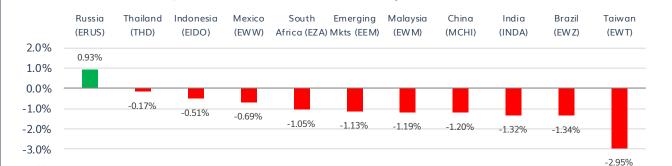












**Top 10 EM Countries' 1-Day Performance** 

### 1-Day Leaders

-4.0%

Ticker	Name	Return
ECH	iShares MSCI Chile ETF	1.04%
ERUS	iShares MSCI Russia ETF	0.93%
RSX	VanEck Vectors Russia ETF	0.92%
FM	iShares MSCI Frontier 100 ETF	0.68%
VNM	VanEck Vectors Vietnam ETF	0.54%
THD	iShares MSCI Thailand ETF	-0.17%
KSA	iShares MSCI Saudi Arabia ETF	-0.29%
QAT	iShares MSCI Qatar ETF	-0.33%
DVYE	iShares Emerging Markets Dividend ETF	-0.50%
EIDO	iShares MSCI Indonesia ETF	-0.51%
PIN	Invesco India ETF	-0.58%

### 1-Day Laggards

Ticker	Name	Return
EWT	iShares MSCI Taiwan ETF	-2.95%
EPOL	iShares MSCI Poland ETF	-2.63%
EWX	SPDR S&P Emerging Markets Small Cap ETF	-2.14%
PGJ	Invesco Golden Dragon China ETF	-2.02%
EELV	Invesco S&P Emerging Markets Low Volatility ETF	-1.98%
EEMS	iShares MSCI Emerging Markets Small Cap ETF	-1.63%
PIE	Invesco DWA Emerging Markets Momentum ETF	-1.62%
EWZS	iShares MSCI Brazil Small-Cap ETF	-1.57%
FEMS	First Trust Emerging Markets Small Cap AlphaDEX Fund	-1.55%
DGS	WisdomTree Emerging Markets SmallCap Dividend Fund	-1.44%
SMIN	iShares MSCI India Small Cap ETF	-1.40%

### Most Overbought (14-Day RSI)

Ticker	Name	RSI
FM	iShares MSCI Frontier 100 ETF	65.32
KSA	iShares MSCI Saudi Arabia ETF	63.25
QAT	iShares MSCI Qatar ETF	63.19
CNXT	VanEck Vectors ChinaAMC SME-ChiNext ETF	58.43
GLIN	VanEck Vectors India Growth Leaders ETF	57.89
BRF	VanEck Vectors Brazil Small-Cap ETF	57.21
ERUS	iShares MSCI Russia ETF	56.00
EWZS	iShares MSCI Brazil Small-Cap ETF	55.68
RSX	VanEck Vectors Russia ETF	54.80
FEM	First Trust Emerging Markets AlphaDEX Fund	54.74
FLBR	Franklin FTSE Brazil ETF	53.69

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

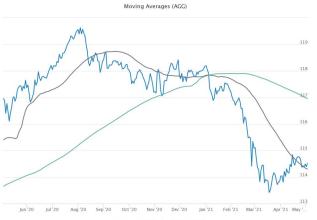
Ticker	Name	RSI
EPU	iShares MSCI Peru ETF	32.82
FXI	iShares China Large-Cap ETF	36.22
PGJ	Invesco Golden Dragon China ETF	38.55
FLCH	Franklin FTSE China ETF	39.57
MCHI	iShares MSCI China ETF	40.39
BICK	First Trust BICK Index Fund	40.45
GXC	SPDR S&P China ETF	41.10
EEMA	iShares MSCI Emerging Markets Asia ETF	42.03
FNI	First Trust Chindia ETF	42.12
DBEM	Xtrackers MSCI Emerging Markets Hedged Equity ETF	42.28
EIDO	iShares MSCI Indonesia ETF	42.48

© 2021 ETFAction.com



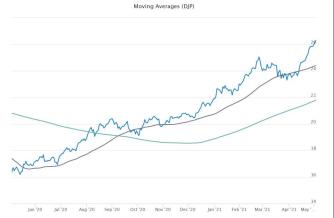
**Commodities** 

### **Fixed Income**





Ticker	Name	1-Day	1-M	YTD
AGG	U.S. Aggregate	0.12%	0.58%	-2.48%
SHY	1-3 Year Treasury Bonds	0.00%	0.05%	-0.04%
IEF	7-10 Year Treasury Bonds	0.13%	0.86%	-4.50%
TLT	20+ Year Treasury Bonds	0.68%	1.57%	-11.12%
TIP	TIPS Bonds	0.23%	1.62%	0.20%
FLOT	Floating Rate Bonds	-0.01%	0.05%	0.22%
LQD	Investment Grade Corporate	0.06%	0.72%	-4.20%
HYG	High Yield Corporate	-0.06%	0.41%	1.20%
BKLN	Senior Loan	-0.05%	0.17%	0.48%
PFF	Preferred & Income Securities	-0.18%	0.85%	1.76%
MUB	Municipal Bonds	-0.01%	0.55%	-0.01%
MBB	MBS	-0.02%	0.59%	-0.66%
EMB	Dollar Denominated EM Bonds	0.09%	1.55%	-3.24%
LEMB	Local Currency EM Bonds	-0.37%	1.48%	-4.31%





Ticker	Name	1-Day	1-M	YTD
DJP	Broad Commodities	0.50%	10.73%	20.14%
DBE	Energy	2.26%	4.20%	32.84%
USO	WTI Crude Oil	2.02%	7.24%	35.93%
BNO	Brent Crude Oil	2.15%	7.60%	36.26%
UNG	Natural Gas	0.28%	9.90%	15.87%
UGA	Gasoline	2.62%	7.08%	41.83%
DBP	Precious Metals	-1.01%	3.30%	-5.84%
GLD	Gold	-0.73%	2.84%	-6.60%
SLV	Silver	-1.56%	6.13%	0.00%
PPLT	Platinum	0.53%	1.81%	14.76%
PALL	Palladium	0.62%	11.73%	21.67%
DBB	Base Metals	0.00%	9.53%	18.48%
CPER	Copper	-0.11%	12.68%	28.38%
LD	Lead	1.11%	13.14%	10.46%
JJN	Nickel	-2.25%	8.65%	5.39%
JJU	Aluminum	-0.24%	9.12%	21.60%
JJT	Tin	1.97%	16.07%	55.80%
DBA	Agriculture	0.82%	9.34%	14.56%
CORN	Corn	3.47%	23.82%	37.80%
SOYB	Soybeans	1.31%	9.18%	19.16%
WEAT	Wheat	0.72%	18.75%	13.57%
CANE	Sugar	2.01%	16.16%	20.30%
BAL	Cotton	-1.28%	9.87%	7.84%
NIB	Cocoa	-1.66%	-4.15%	-7.81%
JO	Coffee	0.40%	13.61%	7.11%



Ticker	Name	1-Day	1-M	YTD
UUP	Long Dollar	0.45%	-1.72%	1.40%
UDN	Short Dollar	-0.42%	1.71%	-1.75%
FXE	Euro	-0.42%	1.92%	-1.97%
FXB	British Pound Sterling	-0.11%	0.39%	1.46%
FXF	Swiss Franc	-0.26%	3.00%	-3.52%
FXY	Japanese Yen	-0.21%	1.11%	-5.78%
FXC	Canadian Dollar	-0.21%	1.94%	3.25%
FXA	Australian Dollar	-0.67%	1.19%	-0.17%

© 2021 ETFAction.com



## **Definitions & Disclosures**

### Disclaimer of Warranties

Except for the express warranties set forth in the terms of service, all services, including all ETF Action materials, are provided on an "as is," "where is" basis, and ETF Action and its licensors disclaim all representations or warranties, express or implied as to the services. ETF Action and its licensors specifically disclaim all implied warranties of merchantability, fitness for a particular purpose, title and non-infringement, and all warranties arising from course of dealing, usage or trade practice. Without limiting the foregoing, ETF Action and its licensors make no warranty of any kind that the services or ETF Action materials, or any products or results of the use thereof, will meet customer's or any other person's requirements, operate without interruption, achieve any intended result, be compatible or work with any software, system or other services, or be secure, accurate, complete, timely, free of harmful code or error free. All third-party materials are provided "as is" and any representation or warranty of or concerning any third-party materials is strictly between customer and the third-party owner or distributor of the third-party materials.

### Additional Disclaimers

The services are not intended and should not be construed as financial or investment advice, a recommendation or promotion. Neither ETF Action nor its licensors shall be responsible for investment decisions, damages, or other losses *resulting from use of the services*. *Past performance* does not guarantee future performance. Neither ETF Action nor its licensors shall be considered an "expert" under the securities act of 1933. Neither ETF Action nor its licensors warrant that the services comply with the requirements of the NASD or any similar organization or with the securities laws of any jurisdiction. Any information contained in in the services should not be acted upon without obtaining specific legal, tax, and investment advice from a licensed professional.

Distribution prohibited without prior permission. Full terms of service, including terms of use, copyrights, and disclaimers are available at <a href="https://www.etfaction.com/terms">https://www.etfaction.com/terms</a>.

© Copyright ETF Action, Inc. All Rights Reserved.

### Data Reliability and Definitions

ETF Action, LLC believes the information herein to be accurate (at time of publication) and was obtained from reliable sources, but makes no guarantees with respect to its accuracy. Calculations of fundamental data are based on weighted averages of reported results and consensus estimates of current ETF constituents. Valuation data (price/earnings, price/sales, price/cash flow, price/book value) are calculated using per share data divided by current NAV of corresponding ETF. Performance, risk and technical data (moving averages, relative performance, RSI) calculated for specified periods using ETF market price which may differ from net asset value (NAV).

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.

### **Contact or Follow Us:**

- team@etfaction.com
- www.etfaction.com

