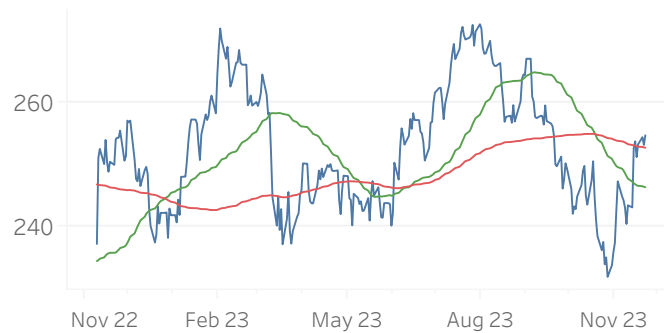


Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

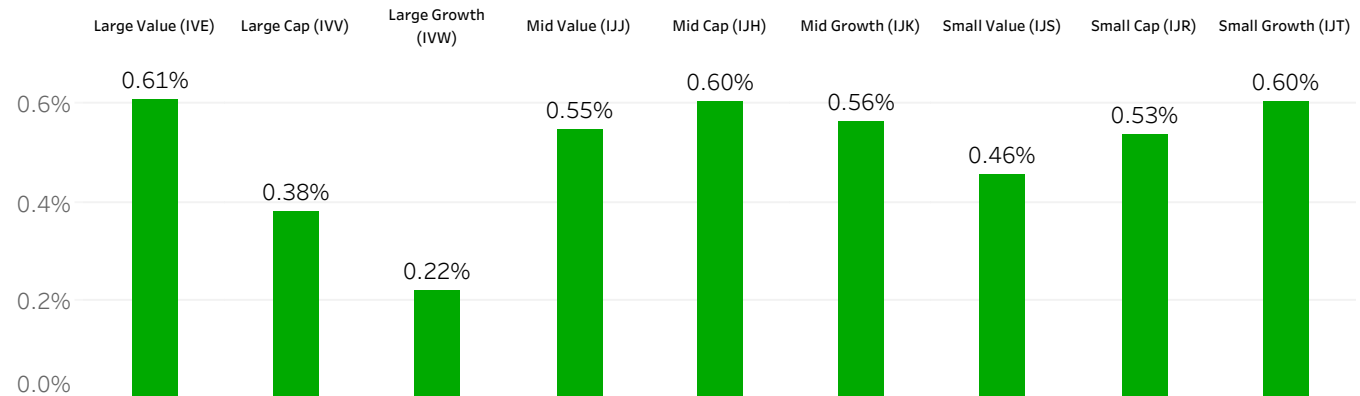


Small Cap Blend (S&P 600) IJR



■ Closing Price ■ 50 Day Moving Average ■ 200 Day Moving Average

U.S. Size & Style 1-Day Performance



Size & Style 1-Day Performance Leaders

Ticker	Fund	Performance
FUNL	CornerCap Fundametrics Large-Cap ETF	1.52%
FYC	First Trust Small Cap Growth AlphaDEX Fund	0.95%
FNJ	First Trust Mid Cap Growth AlphaDEX Fund	0.93%
BUZZ	VanEck Social Sentiment ETF	0.88%
IPO	Renaissance IPO ETF	0.88%
LSAT	Leadershires Alphafactor Tactical Focused ETF	0.86%
ISCG	iShares Morningstar Small-Cap Growth ETF	0.85%
WBIY	WBI Power Factor High Dividend ETF	0.80%
JSML	Janus Henderson Small Cap Growth Alpha ETF	0.79%
GVIP	Goldman Sachs Hedge Industry VIP ETF	0.78%

Size & Style Most Overbought

Ticker	Fund	Price
PWB	Invesco Large Cap Growth ETF	77.48
MBCC	Monarch Blue Chips Core ETF	75.80
LCG	Sterling Capital Focus Equity ETF	74.41
CWS	AdvisorShares Focused Equity ETF	74.33
GVIP	Goldman Sachs Hedge Industry VIP ETF	73.35
BKLC	BNY Mellon US Large Cap Core Equity ETF	73.05
CATH	Global X S&P 500 Catholic Values Custom ETF	72.79
FDMO	Fidelity Momentum Factor ETF	72.74
VIG	Vanguard Dividend Appreciation ETF	72.66
IWL	iShares Russell Top 200 ETF	72.59

Size & Style 1-Day Performance Laggards

Ticker	Fund	Performance
PTMC	Pacer Trendpilot US Mid Cap ETF	0.00%
SPC	CrossingBridge Pre-Merger SPAC ETF	0.00%
SPMO	Invesco S&P 500 Momentum ETF	0.00%
QMOM	Alpha Architect U.S. Quantitative Momentum ETF	0.02%
FFTY	Innovator IBD 50 ETF	0.02%
DIVZ	TrueShares Low Volatility Equity Income ETF	0.02%
CDC	VictoryShares US EQ Income Enhanced Volatility Wtd ETF	0.04%
MGMT	Ballast Small/Mid Cap ETF	0.04%
RZV	Invesco S&P Smallcap 600 Pure Value ETF	0.05%
CFO	VictoryShares US 500 Enhanced Volatility Wtd ETF	0.09%

Size & Style Most Oversold

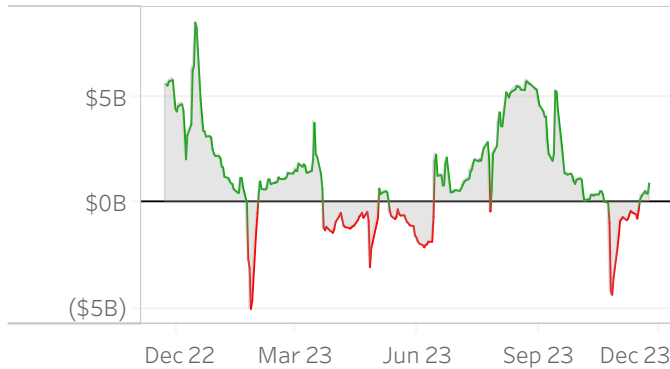
Ticker	Fund	Price
PTMC	Pacer Trendpilot US Mid Cap ETF	40.57
TPHE	Timothy Plan High Dividend Stock Enhanced ETF	54.17
ALTL	Pacer Lunt Large Cap Alternator ETF	54.45
CFO	VictoryShares US 500 Enhanced Volatility Wtd ETF	54.81
SPDV	AAM S&P 500 High Dividend Value ETF	54.94
LSAT	Leadershires Alphafactor Tactical Focused ETF	54.97
TPLE	Timothy Plan Us Large/Mid Cap Core Enhanced ETF	55.30
TMFS	Motley Fool Small-Cap Growth ETF	55.31
PEY	Invesco High Yield Equity Dividend Achievers ETF	55.91
DHS	WisdomTree U.S. High Dividend Fund	56.00

*ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify

Large-Cap 30-Day Rolling Flows



Mid-Cap 30-Day Rolling Flows



Small-Cap 30-Day Rolling Flows



U.S. Size & Style Landscape Flows

	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Large Cap, Beta, Beta	26	\$1,545B	\$5.03B	\$61.68B	\$96.48B	\$88.38B
Large Cap, Beta, Beta: Growth	10	\$304B	\$0.10B	\$11.62B	\$13.13B	\$18.25B
Large Cap, Beta, Beta: Value	11	\$224B	\$0.65B	\$2.31B	\$3.26B	(\$5.62B)
Mid Cap, Beta, Beta	10	\$193B	\$0.34B	\$1.09B	\$7.21B	\$9.06B
Mid Cap, Beta, Beta: Growth	6	\$36B	\$0.02B	\$0.16B	\$0.86B	\$0.49B
Mid Cap, Beta, Beta: Value	6	\$37B	\$0.00B	(\$1.10B)	(\$1.61B)	(\$2.79B)
Small Cap, Beta, Beta	11	\$199B	\$2.33B	\$4.78B	\$12.55B	\$11.85B
Small Cap, Beta, Beta: Growth	7	\$32B	(\$0.07B)	\$0.69B	\$1.02B	\$1.07B
Small Cap, Beta, Beta: Value	7	\$47B	\$0.05B	(\$0.31B)	(\$0.77B)	(\$1.43B)

U.S. Size & Style Flow Leaders

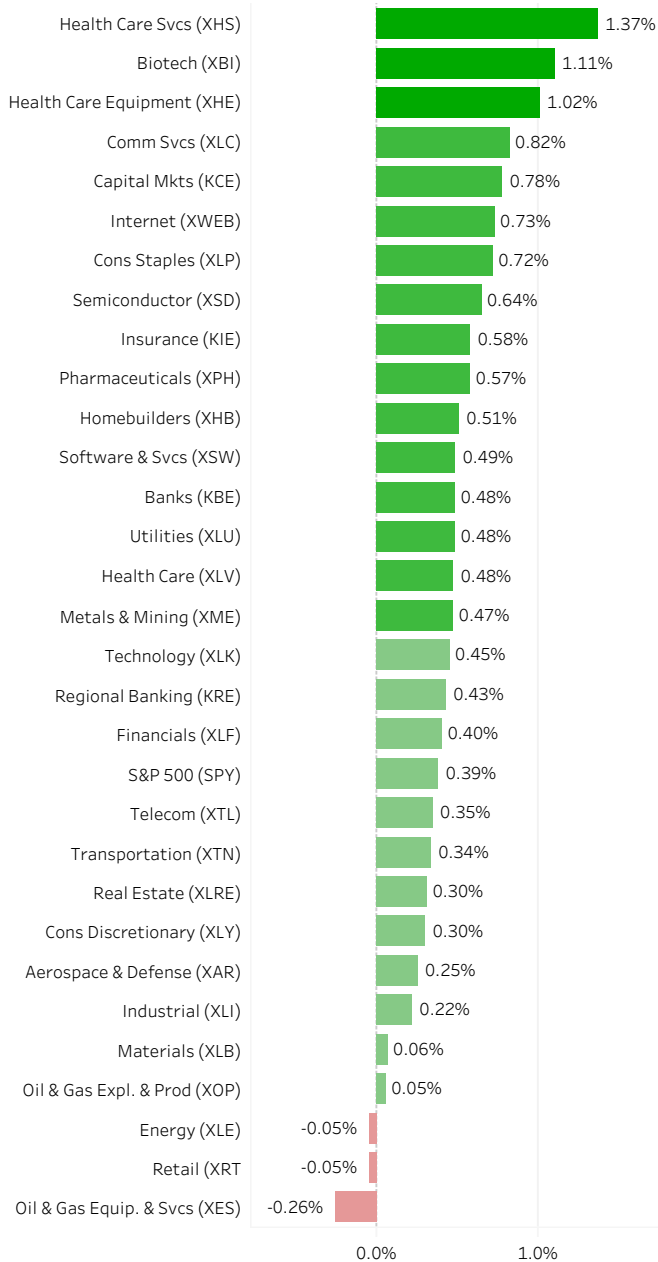
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
USMV	iShares MSCI USA Min Vol Factor ETF	\$2.36B	\$2.05B	\$1.51B	(\$0.09B)	\$31.25B
IWM	iShares Russell 2000 ETF	\$2.06B	\$3.36B	\$4.94B	\$1.58B	\$55.45B
QQQ	Invesco QQQ Trust Series I	\$1.73B	\$10.63B	\$14.14B	\$5.35B	\$222.04B
VOO	Vanguard S&P 500 ETF	\$1.19B	\$12.68B	\$29.34B	\$39.84B	\$351.26B
IVV	iShares Core S&P 500 ETF	\$1.09B	\$17.49B	\$34.64B	\$27.60B	\$373.54B
QQQM	Invesco NASDAQ 100 ETF	\$0.86B	\$2.29B	\$5.00B	\$7.96B	\$16.92B
VTI	Vanguard Total Stock Market ETF	\$0.57B	\$6.16B	\$12.17B	\$20.32B	\$324.65B
MDY	SPDR S&P Midcap 400 ETF Trust	\$0.29B	(\$0.07B)	(\$0.21B)	(\$0.31B)	\$18.64B
SPLG	SPDR Portfolio S&P 500 ETF	\$0.26B	\$2.56B	\$3.99B	\$4.90B	\$22.76B
IWD	iShares Russell 1000 Value ETF	\$0.21B	\$0.99B	\$0.10B	(\$4.07B)	\$50.34B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SPYG	SPDR Portfolio S&P 500 Growth ETF	(\$0.47B)	\$1.07B	\$1.30B	\$3.32B	\$20.05B
SUSA	iShares MSCI USA ESG Select ETF	(\$0.18B)	\$1.18B	\$1.58B	\$1.33B	\$5.08B
DGRO	iShares Core Dividend Growth ETF	(\$0.16B)	\$0.40B	\$0.52B	(\$0.46B)	\$24.01B
IWO	iShares Russell 2000 Growth ETF	(\$0.14B)	\$0.34B	\$0.27B	(\$0.05B)	\$9.47B
IWB	iShares Russell 1000 ETF	(\$0.14B)	(\$0.07B)	(\$0.01B)	(\$0.90B)	\$31.18B
MTUM	iShares MSCI USA Momentum Factor ETF	(\$0.10B)	(\$0.88B)	(\$1.64B)	(\$3.91B)	\$8.21B
CLRG	IndexIQ ETF Trust IQ U.S. Large Cap ETF	(\$0.10B)	(\$0.13B)	(\$0.15B)	(\$0.16B)	\$0.13B
SPYD	SPDR Portfolio S&P 500 High Dividend ETF	(\$0.08B)	(\$0.08B)	(\$0.09B)	(\$0.62B)	\$6.15B
IJH	iShares Core S&P Mid-Cap ETF	(\$0.05B)	(\$0.42B)	\$4.33B	\$5.32B	\$70.92B
FDL	First Trust Morningstar Dividend Leaders Ind..	(\$0.05B)	(\$0.35B)	(\$0.86B)	(\$0.15B)	\$3.85B

* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

S&P Sector & Industry 1 Day Performance



Select Sector SPDRs Technicals

Ticker	Fund Name	% From 52W High	% From 52W Low	% Abv/Below 50 SMA	% Abv/Below 200 SMA	RSI (14D)
XLC	Communication Services Select Sector SPDR Fund	0.00%	52.53%	6.09%	12.93%	69.85
XLK	Technology Select Sector SPDR Fund	-0.37%	52.48%	8.74%	13.95%	72.15
SPY	SPDR S&P 500 ETF Trust	-0.61%	20.80%	5.04%	6.61%	71.59
XLI	Industrial Select Sector SPDR Fund	-4.22%	10.00%	4.25%	3.20%	70.30
XLF	Financial Select Sector SPDR Fund	-4.68%	13.85%	5.34%	5.25%	72.74
XLY	Consumer Discretionary Select Sector SPDR Fund	-5.02%	33.12%	4.58%	6.32%	64.06
XLB	Materials Select Sector SPDR Fund	-5.77%	8.47%	3.42%	0.92%	64.98
XLV	Health Care Select Sector SPDR Fund	-6.90%	5.92%	1.36%	-0.25%	61.51
XLE	Energy Select Sector SPDR Fund	-9.40%	10.43%	-3.48%	0.04%	45.29
XLP	Consumer Staples Select Sector SPDR Fund	-9.48%	5.93%	2.09%	-3.58%	61.21
XLRE	Real Estate Select Sector SPDR Fund	-13.51%	12.40%	5.33%	-0.80%	63.52
XLU	Utilities Select Sector SPDR Fund	-13.95%	11.28%	3.51%	-3.46%	61.02

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
PTH	Invesco Dorsey Wright Healthcare Momentum ETF	1.60%
XHS	SPDR S&P Health Care Services ETF	1.37%
PSL	Invesco Dorsey Wright Consumer Staples Moment..	1.31%
PNQI	Invesco NASDAQ Internet ETF	1.21%
PSCC	Invesco S&P SmallCap Consumer Staples ETF	1.13%
XBI	SPDR S&P BIOTECH ETF	1.11%
IHF	iShares U.S. Healthcare Providers ETF	1.11%
PBJ	Invesco Food & Beverage ETF	1.08%
FXG	First Trust Consumer Staples AlphaDEX Fund	1.02%
XHE	SPDR S&P Health Care Equipment ETF	1.02%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
ITA	iShares U.S. Aerospace & Defense ETF	76.94
IGV	iShares Expanded Tech-Software Sector ETF	73.34
PPA	Invesco Aerospace & Defense ETF	72.82
XLF	Financial Select Sector SPDR Fund	72.74
IAI	iShares U.S. Broker-Dealers & Securities Exchanges ETF	72.64
PNQI	Invesco NASDAQ Internet ETF	72.40
XNTK	SPDR NYSE Technology ETF	72.22
XLK	Technology Select Sector SPDR Fund	72.15
IGPT	Invesco AI and Next Gen Software ETF	72.05
IYG	iShares US Financial Services ETF	71.83

Sector & Industry 1 Day Performance Laggards

Ticker	Fund	1 Day Performance
IEZ	iShares U.S. Oil Equipment & Services ETF	-0.46%
PSCE	Invesco S&P SmallCap Energy ETF	-0.27%
XES	SPDR S&P Oil & Gas Equipment & Services ETF	-0.26%
FCG	First Trust Natural Gas ETF	-0.16%
VDE	Vanguard Energy ETF	-0.08%
IYE	iShares U.S. Energy ETF	-0.07%
IAT	iShares U.S. Regional Banks ETF	-0.06%
XLE	Energy Select Sector SPDR Fund	-0.05%
XRT	SPDR S&P Retail ETF	-0.05%
FENY	Fidelity MSCI Energy Index ETF	-0.04%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
XES	SPDR S&P Oil & Gas Equipment & Services ETF	38.74
IEZ	iShares U.S. Oil Equipment & Services ETF	39.11
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	42.82
FCG	First Trust Natural Gas ETF	42.95
PXJ	Invesco Oil & Gas Services ETF	43.60
PSCE	Invesco S&P SmallCap Energy ETF	44.06
VDE	Vanguard Energy ETF	44.71
FENY	Fidelity MSCI Energy Index ETF	44.81
XLE	Energy Select Sector SPDR Fund	45.29
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	45.29

* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify

U.S. Sector & Industry 1-Week Flows



U.S. Sector Landscape

	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Communication Services	7	\$19B	(\$64M)	(\$531M)	\$1,107M	\$2,764M
Consumer Discretionary	12	\$25B	(\$5M)	(\$104M)	\$1,055M	\$1,540M
Consumer Staples	10	\$26B	(\$224M)	(\$2,835M)	(\$4,057M)	(\$1,855M)
Energy	30	\$73B	(\$124M)	\$2,072M	\$978M	(\$7,415M)
Financials	26	\$53B	\$347M	(\$3,958M)	(\$2,149M)	(\$3,811M)
Health Care	23	\$82B	(\$383M)	(\$3,910M)	(\$5,100M)	(\$8,680M)
Industrial	13	\$34B	\$72M	(\$1,304M)	\$1,007M	\$1,124M
Materials	9	\$12B	(\$28M)	(\$816M)	(\$1,885M)	(\$1,864M)
Multi-Sector	18	\$18B	(\$65M)	(\$566M)	\$1,930M	\$1,958M
Real Estate	25	\$53B	\$4M	(\$329M)	\$419M	(\$3,213M)
Technology	23	\$166B	\$3,158M	\$7,002M	\$6,212M	\$5,749M
Utilities	9	\$21B	(\$153M)	(\$1,567M)	(\$2,288M)	(\$2,246M)

U.S. Sector & Industry Flow Leaders

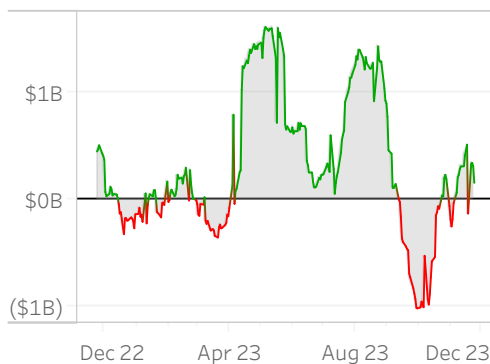
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IGV	iShares Expanded Tech-Software Sector ETF	\$1,856M	\$2,130M	\$2,395M	\$2,542M	\$9,158M
VGT	Vanguard Information Technology ETF	\$675M	\$948M	\$284M	(\$458M)	\$55,814M
XLF	Financial Select Sector SPDR Fund	\$244M	(\$2,869M)	(\$591M)	(\$1,518M)	\$30,964M
XLK	Technology Select Sector SPDR Fund	\$238M	\$1,426M	\$2,030M	(\$811M)	\$54,665M
VFH	Vanguard Financials ETF	\$211M	(\$404M)	\$361M	(\$531M)	\$8,435M
XLY	Consumer Discretionary Select Sector SPDR Fu..	\$192M	\$470M	\$989M	\$1,003M	\$17,475M
IYW	iShares U.S. Technology ETF	\$128M	\$1,145M	(\$332M)	\$558M	\$13,214M
SOXX	iShares Semiconductor ETF	\$102M	\$126M	\$66M	\$431M	\$9,343M
XLI	Industrial Select Sector SPDR Fund	\$85M	(\$896M)	\$780M	(\$429M)	\$14,568M
XOP	SPDR S&P Oil & Gas Exploration & Production E..	\$84M	(\$226M)	(\$7M)	(\$861M)	\$3,549M

U.S. Sector & Industry Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
KRE	SPDR S&P Regional Banking ETF	(\$229M)	\$90M	(\$726M)	\$541M	\$2,758M
XLP	Consumer Staples Select Sector SPDR Fund	(\$170M)	(\$873M)	(\$1,845M)	(\$294M)	\$15,437M
XRT	SPDR S&P Retail ETF	(\$165M)	\$64M	\$35M	(\$74M)	\$397M
XLE	Energy Select Sector SPDR Fund	(\$152M)	\$1,685M	\$721M	(\$2,172M)	\$37,556M
XLU	Utilities Select Sector SPDR Fund	(\$134M)	(\$790M)	(\$1,349M)	(\$1,208M)	\$13,406M
XLV	Health Care Select Sector SPDR Fund	(\$133M)	(\$2,404M)	(\$2,974M)	(\$3,054M)	\$36,967M
XBI	SPDR S&P BIOTECH ETF	(\$130M)	\$392M	\$600M	(\$1,109M)	\$5,947M
PAVE	Global X U.S. Infrastructure Development ETF	(\$88M)	\$188M	\$648M	\$1,033M	\$5,211M
XLC	Communication Services Select Sector SPDR Fu..	(\$80M)	(\$484M)	\$851M	\$2,502M	\$14,728M
IBB	iShares Biotechnology ETF	(\$53M)	(\$425M)	(\$671M)	(\$1,541M)	\$6,425M

* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

Communication Services



Consumer Discretionary



Consumer Staples



Energy



Financials



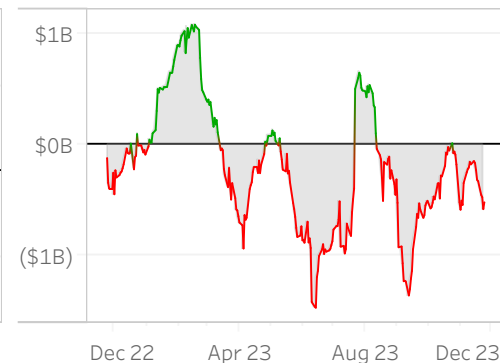
Industrial



Health Care



Materials



Real Estate



Technology



Utilities

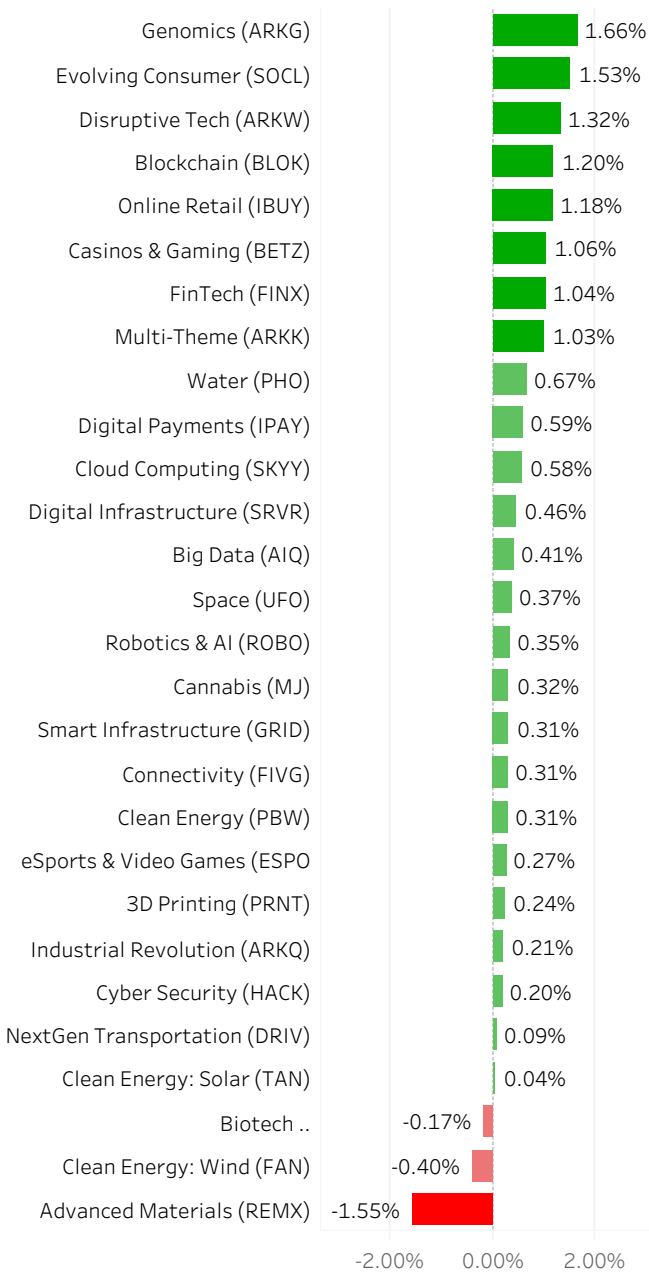


Multi-Sector

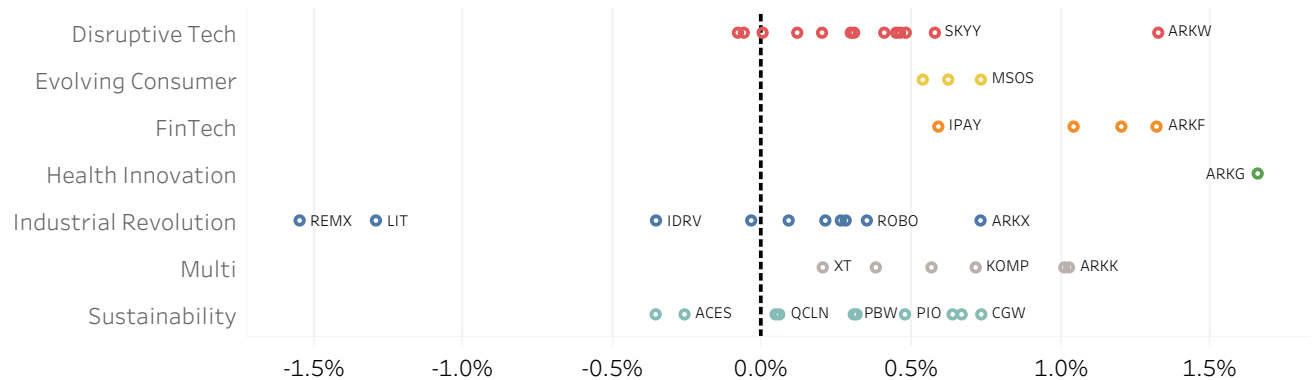


*ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
BKCH	Global X Blockchain ETF	3.37%
DAPP	VanEck Digital Transformation ETF	3.05%
BITQ	Bitwise Crypto Industry Innovators ETF	1.99%
ARKG	ARK Genomic Revolution ETF	1.66%
SOCL	Global X Social Media ETF	1.53%
GNOM	Global X Genomics & Biotechnology ETF	1.50%
BLCN	Siren ETF Trust Siren Nasdaq NexGen Economy ETF	1.49%
EDOC	Global X Telemedicine & Digital Health ETF Registered	1.36%
ARKW	ARK Next Generation Internet ETF	1.32%
ARKF	ARK Fintech Innovation ETF	1.32%

Thematic Most Overbought

Ticker	Fund	Price
PIO	Invesco Global Water ETF	75.67
BOTZ	Global X Robotics & Artificial Intelligence ETF	73.58
TECB	iShares U.S. Tech Breakthrough Multisector ETF	72.29
AIQ	Global X Artificial Intelligence & Technology ETF	71.81
KLDW	Knowledge Leaders Developed World ETF	71.35
PHO	Invesco Water Resources ETF	70.95
FIW	First Trust Water ETF	70.80
ARKF	ARK Fintech Innovation ETF	70.69
GBUY	Goldman Sachs Future Consumer Equity ETF	70.19
IHAK	iShares Cybersecurity & Tech ETF	69.95

Global Thematic 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
KGRN	KraneShares MSCI China Clean Technology Index ETF	-1.63%
REMX	VanEck Rare Earth/Strategic Metals ETF	-1.55%
LIT	Global X Lithium & Battery Tech ETF	-1.29%
BATT	Amplify Lithium & Battery Technology ETF	-1.06%
KARS	KraneShares Electric Vehicles & Future Mobility Index ..	-0.97%
PBD	Invesco Global Clean Energy ETF	-0.62%
FAN	First Trust Global Wind Energy ETF	-0.40%
ICLN	iShares Global Clean Energy ETF	-0.36%
IDRV	iShares Self-driving EV & Tech ETF	-0.36%
SMOG	VanEck Low Carbon Energy ETF	-0.27%

Thematic Most Oversold

Ticker	Fund	Price
REMX	VanEck Rare Earth/Strategic Metals ETF	45.05
ACES	ALPS Clean Energy ETF	45.48
LIT	Global X Lithium & Battery Tech ETF	45.52
PBW	Invesco WilderHill Clean Energy ETF	46.01
BATT	Amplify Lithium & Battery Technology ETF	46.43
KARS	KraneShares Electric Vehicles & Future Mobility Index ETF	46.94
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	47.83
KGRN	KraneShares MSCI China Clean Technology Index ETF	47.99
IDRV	iShares Self-driving EV & Tech ETF	49.14
SBIO	ALPS Medical Breakthroughs ETF	49.64

*ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify

Thematic 1 Week Flow Leaders

Ticker	Fund	Flow
KWEB	KraneShares CSI China Internet ETF	\$157M
TAN	Invesco Solar ETF	\$93M
BOTZ	Global X Robotics & Artificial Intelligence ETF	\$35M
AIQ	Global X Artificial Intelligence & Technology ETF	\$14M
ARKG	ARK Genomic Revolution ETF	\$9M
ICLN	iShares Global Clean Energy ETF	\$8M
WCLD	WisdomTree Cloud Computing Fund	\$8M
FIVG	Defiance Next Gen Connectivity ETF	\$7M
IZRL	ARK Israel Innovative Technology ETF	\$6M
IRBO	iShares Robotics and Artificial Intelligence Multisector ETF	\$6M

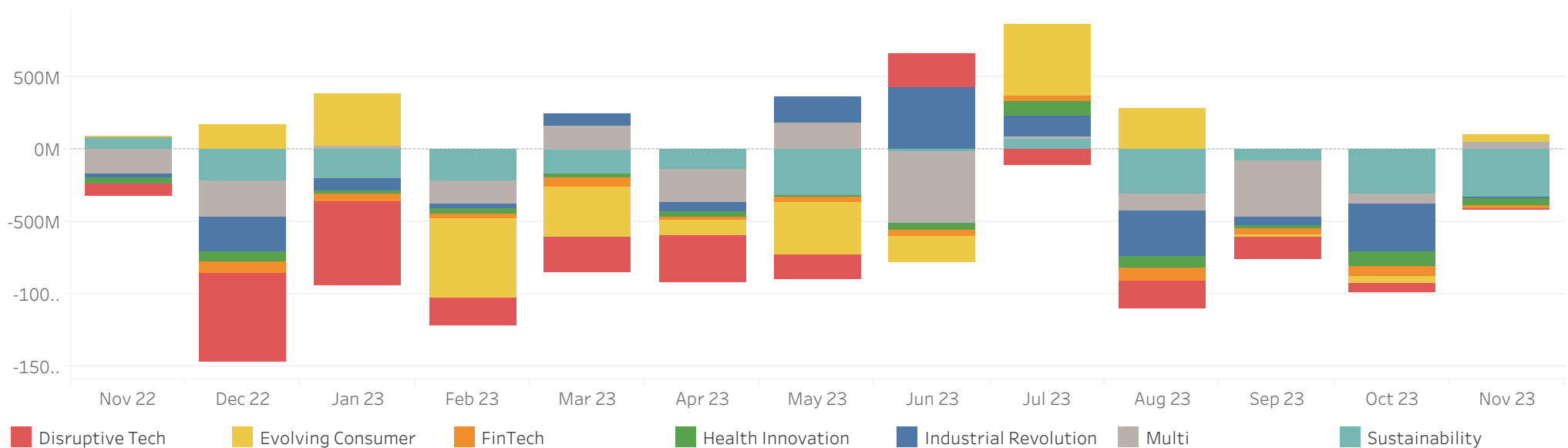
Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
LIT	Global X Lithium & Battery Tech ETF	(\$32M)
SKYY	First Trust Cloud Computing ETF	(\$28M)
REMX	VanEck Rare Earth/Strategic Metals ETF	(\$15M)
DRIV	Global X Autonomous & Electric Vehicles ETF	(\$12M)
PHO	Invesco Water Resources ETF	(\$11M)
CIBR	First Trust NASDAQ Cybersecurity ETF	(\$9M)
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	(\$9M)
METV	Roundhill Ball Metaverse ETF	(\$8M)
ARKW	ARK Next Generation Internet ETF	(\$6M)
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	(\$6M)

Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	34	\$17B	(\$8M)	(\$252M)	(\$318M)	(\$2,487M)
Evolving Consumer	37	\$9B	\$80M	(\$34M)	\$564M	(\$244M)
FinTech	17	\$3B	\$2M	(\$125M)	(\$205M)	(\$490M)
Health Innovation	18	\$2B	\$14M	(\$174M)	(\$217M)	(\$484M)
Industrial Revolution	30	\$10B	(\$12M)	(\$400M)	\$14M	(\$306M)
Multi	35	\$15B	(\$211M)	(\$365M)	(\$1,026M)	(\$1,470M)
Sustainability	40	\$12B	\$32M	(\$733M)	(\$1,061M)	(\$2,174M)
Grand Total	211	\$67B	(\$104M)	(\$2,082M)	(\$2,249M)	(\$7,655M)

Thematic Monthly Flows

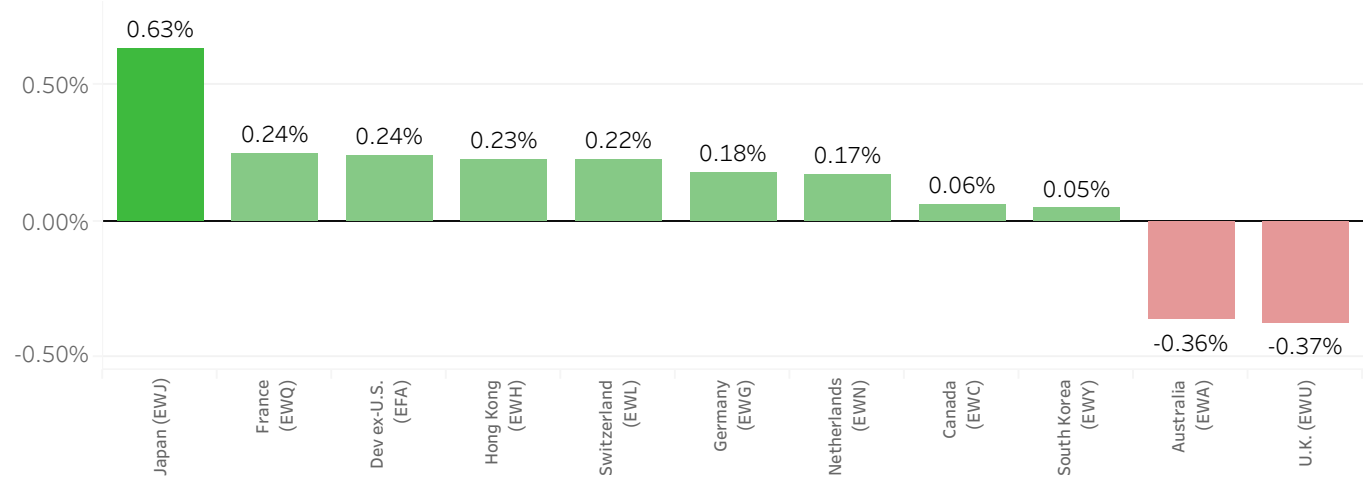


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

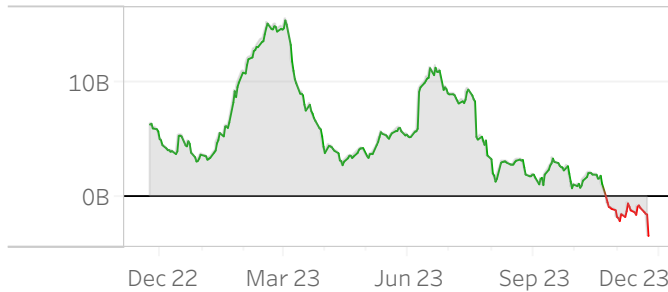
Developed ex-U.S. (EFA)



Developed ex-U.S. 1-Day Performance Top 10 Countries



Developed ex-U.S. 30-Day Rolling Flows



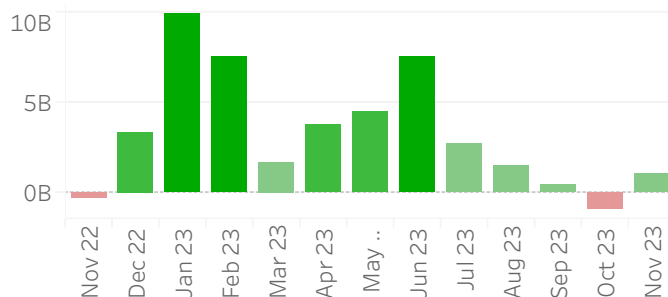
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	1.58%
ISRA	VanEck Israel ETF	1.55%
EIS	iShares MSCI Israel ETF	1.54%
DXJ	WisdomTree Japan Hedged Equity Fund	1.51%
HEWJ	iShares Currency Hedged MSCI Japan ETF	1.44%
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	1.34%
DEEF	Xtrackers FTSE Developed ex US Multifactor ETF	0.95%
EIRL	iShares MSCI Ireland ETF	0.88%
HSCZ	iShares Currency Hedged MSCI EAFE Small-Cap ETF	0.74%
DFJ	WisdomTree Japan SmallCap Dividend Fund	0.74%

Developed ex-U.S. Most Overbought

Ticker	Fund	Price
BKCI	BNY Mellon Concentrated International ETF	78.12
EWP	iShares MSCI Spain ETF	74.97
EWG	iShares MSCI Germany ETF	74.12
FICS	First Trust International Developed Capital Strength ETF	73.90
DAX	Global X DAX Germany ETF	73.87
EFG	iShares MSCI EAFE Growth ETF	73.70
IQDG	WisdomTree International Quality Dividend Growth Fund	73.29
IQLT	iShares MSCI Intl Quality Factor ETF	72.61
FEZ	SPDR EURO STOXX 50 ETF	72.60
TOK	iShares MSCI Kokusai ETF	72.29

Developed ex-U.S. Monthly Flows



Developed ex-U.S. 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
ENZL	iShares MSCI New Zealand ETF	-1.03%
NORW	Global X MSCI Norway ETF	-0.69%
FDD	First Trust Stoxx European Select Dividend Index Fund	-0.40%
EWU	iShares MSCI United Kingdom ETF	-0.37%
EWA	iShares MSCI Australia ETF	-0.36%
EWO	iShares MSCI Austria ETF	-0.29%
TTAI	FCF International Quality ETF	-0.28%
FLGB	Franklin FTSE United Kingdom ETF	-0.27%
EWI	iShares MSCI Italy ETF	-0.25%
ICOW	Pacer Developed Markets International Cash Cows 100 ETF	-0.23%

Developed ex-U.S. Most Oversold

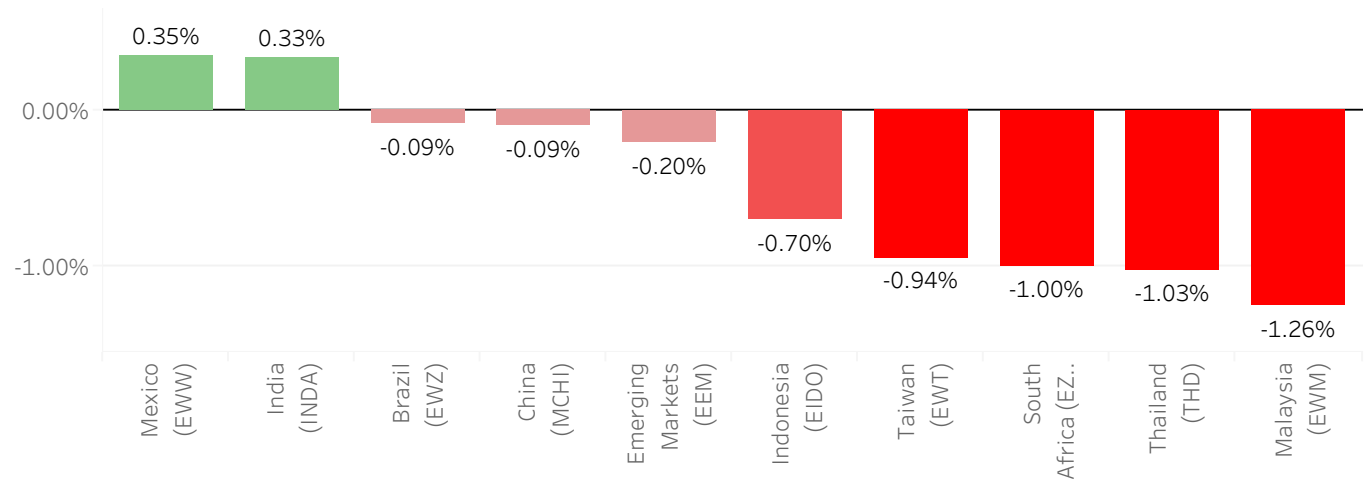
Ticker	Fund	Price
EWS	iShares MSCI Singapore ETF	51.82
ENZL	iShares MSCI New Zealand ETF	52.61
NORW	Global X MSCI Norway ETF	55.48
EWJV	iShares MSCI Japan Value ETF	56.29
EWH	iShares MSCI Hong Kong ETF	56.87
ICOW	Pacer Developed Markets International Cash Cows 100 ETF	57.55
MINV	Matthews Asia Innovators Active ETF	57.81
FYLD	Cambria Foreign Shareholder Yield ETF	58.78
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	59.08
FJP	First Trust Japan AlphaDEX Fund	59.14

*ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

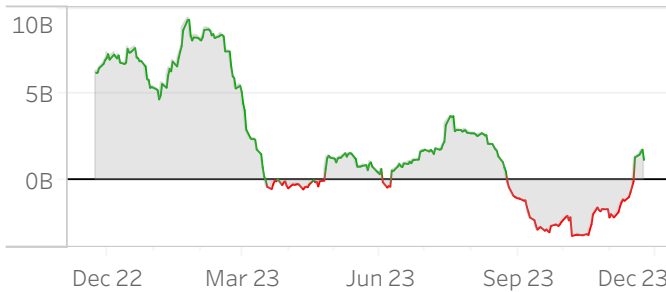
Emerging (EEM)



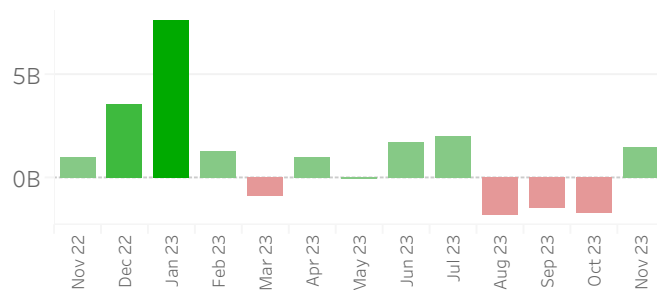
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
EPHE	iShares MSCI Philippines ETF	0.60%
PGJ	Invesco Golden Dragon China ETF	0.57%
FXI	iShares China Large-Cap ETF	0.50%
NFTY	First Trust India NIFTY 50 Equal Weight ETF	0.38%
EYLD	Cambria Emerging Shareholder Yield ETF	0.37%
FLIN	Franklin FTSE India ETF	0.37%
EWZ	iShares MSCI Mexico ETF	0.35%
INDA	iShares MSCI India ETF	0.33%
BKF	iShares MSCI BIC ETF	0.31%
NUEM	Nuveen ESG Emerging Markets Equity ETF	0.26%

Emerging Most Overbought

Ticker	Fund	Price
ARGT	Global X MSCI Argentina ETF	73.00
FLTW	Franklin FTSE Taiwan ETF	70.58
EPOL	iShares MSCI Poland ETF	70.48
EWT	iShares MSCI Taiwan ETF	69.52
FRDM	Freedom 100 Emerging Markets ETF	69.09
FLLA	Franklin FTSE Latin America ETF	69.08
ILF	iShares Latin America 40 ETF	68.58
EDIV	SPDR S&P Emerging Markets Dividend ETF	68.27
GLIN	VanEck India Growth Leaders ETF	68.24
DVYE	iShares Emerging Markets Dividend ETF	67.75

Emerging 1-Day Performance Laggards

Ticker	Fund	Performance
CNYA	iShares MSCI China A ETF	-1.26%
EWM	iShares MSCI Malaysia ETF	-1.26%
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	-1.18%
KBA	KraneShares Bosera MSCI China A 50 Connect Index ETF	-1.14%
EPU	iShares MSCI Peru and Global Exposure ETF	-1.12%
RAYC	Rayliant Quantamental China Equity ETF	-1.08%
THD	iShares MSCI Thailand ETF	-1.03%
EZA	iShares MSCI South Africa ETF	-1.00%
EWT	iShares MSCI Taiwan ETF	-0.94%
FLN	First Trust Latin America AlphaDEX Fund	-0.92%

Emerging Most Oversold

Ticker	Fund	Price
RAYC	Rayliant Quantamental China Equity ETF	45.94
KBA	KraneShares Bosera MSCI China A 50 Connect Index ..	47.38
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	47.89
EIDO	iShares MSCI Indonesia ETF	48.29
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	48.79
CNYA	iShares MSCI China A ETF	49.74
FXI	iShares China Large-Cap ETF	50.90
TUR	iShares MSCI Turkey ETF	51.07
GXC	SPDR S&P China ETF	51.75
FLCH	Franklin FTSE China ETF	52.01

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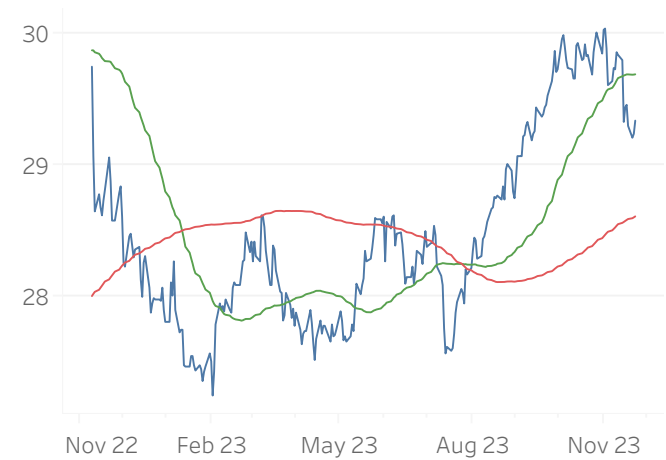
Fixed Income (AGG)



Commodities (DJP)



Currencies (UUP)



■ 200 Day Moving Average ■ 50 Day Moving Average ■ Closing Price

Fixed Income Performance

Ticker	Name	1 Day	1 Month	YTD
AGG	U.S. Aggregate	0.09%	4.21%	1.18%
SHY	1-3 Year Treasury Bonds	0.01%	0.79%	2.65%
IEF	7-10 Year Treasury Bonds	-0.03%	3.96%	-0.83%
TLT	20+ Year Treasury Bonds	0.35%	9.53%	-6.14%
TIP	TIPS Bonds	0.10%	2.21%	0.82%
FLOT	Floating Rate Bonds	0.08%	0.50%	5.73%
LQD	Investment Grade Corporate	0.40%	7.07%	3.32%
HYG	High Yield Corporate	0.17%	4.93%	7.19%
BKLN	Senior Loan	0.05%	1.21%	10.27%
PFF	Preferred & Income Securities	-0.52%	5.64%	3.59%
MUB	Municipal Bonds	0.20%	4.43%	2.35%
MBB	MBS	-0.03%	5.20%	0.14%
EMB	Dollar Denominated EM Bonds	0.50%	6.72%	4.93%
LEMB	Local Currency EM Bond	-0.33%	5.20%	3.69%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	-0.72%	-3.28%	-6.47%
DBE	Energy	-1.01%	-8.56%	-4.89%
USO	WTI Crude Oil	-1.27%	-11.26%	2.14%
BNO	Brent Crude Oil	-1.19%	-10.04%	2.33%
UNG	Natural Gas	1.53%	-11.80%	-57.59%
UGA	Gasoline	-0.82%	-5.32%	5.39%
DBP	Precious Metals	-0.46%	0.55%	6.05%
GLD	Gold	-0.43%	0.53%	8.80%
SLV	Silver	-0.46%	1.26%	-1.59%
PPLT	abrdn Physical Platin..	-1.10%	3.12%	-14.13%
PALL	abrdn Physical Palla..	-1.93%	-4.26%	-40.99%
DBB	Base Metals	-1.27%	3.44%	-4.27%
CPER	Copper	-0.78%	6.63%	1.97%
DBA	Agriculture	-0.50%	0.68%	9.53%
CORN	Corn	-0.17%	-2.87%	-17.77%
SOYB	Soybeans	-0.90%	3.79%	0.00%
WEAT	Wheat	0.80%	-3.66%	-29.14%
CANE	Sugar	-1.82%	1.68%	58.87%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.34%	-1.68%	5.50%
UDN	Short Dollar	-0.32%	2.61%	1.95%
FXE	Euro	-0.20%	2.99%	3.17%
FXB	British Pound Sterling	-0.25%	3.06%	6.08%
FXF	Swiss Franc	0.01%	0.95%	4.34%
FXJ	Japanese Yen	-0.82%	0.11%	-12.71%
FXC	Canadian Dollar	0.06%	0.39%	0.76%
FXA	Australian Dollar	-0.22%	3.77%	-2.99%

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