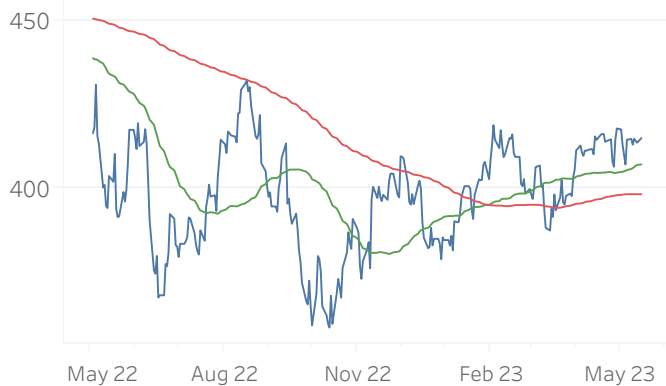


Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

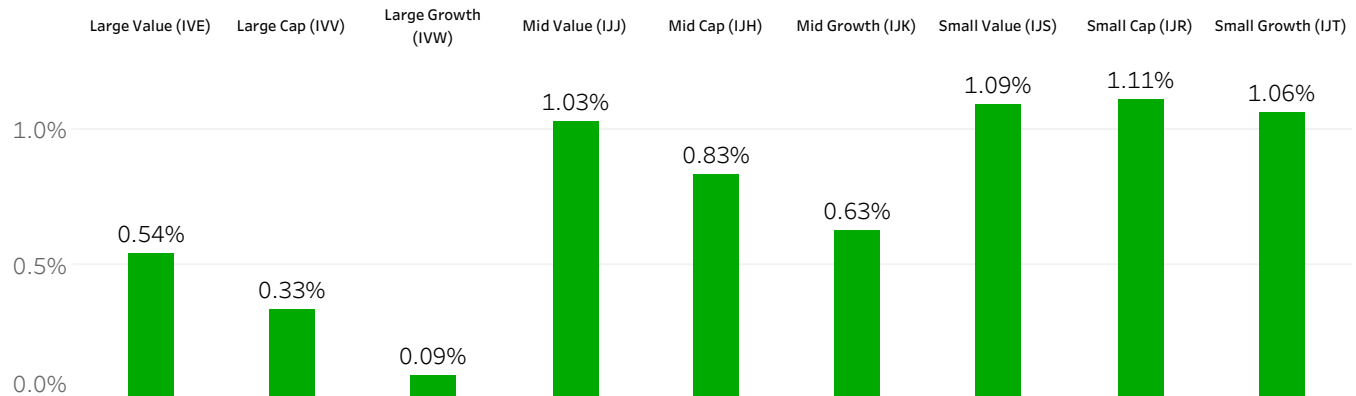


Small Cap Blend (S&P 600) IJR



■ 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	1-Day Performance
AIEQ	AI Powered Equity ETF	2.91%
IPO	Renaissance IPO ETF	2.10%
JSML	Janus Henderson Small Cap Growth Alpha ETF	1.83%
SPHB	Invesco S&P 500 High Beta ETF	1.76%
DUSA	Davis Select U.S. Equity ETF	1.70%
ISCG	iShares Morningstar Small-Cap Growth ETF	1.57%
RZG	Invesco S&P Smallcap 600 Pure Growth ETF	1.49%
SDVY	First Trust SMID Cap Rising Dividend Achievers ETF	1.46%
AVSC	Avantis U.S. Small Cap Equity ETF	1.45%
VBK	Vanguard Small-Cap Growth ETF	1.43%

Size & Style Most Overbought

Ticker	Fund	Price
WINN	Harbor Long-Term Growers ETF	64.90
SPC	CrossingBridge Pre-Merger SPAC ETF	64.64
JEPQ	J.P. Morgan Nasdaq Equity Premium Income ETF	64.07
LCG	Sterling Capital Focus Equity ETF	63.69
MGK	Vanguard Mega Cap Growth ETF	63.46
IWY	iShares Russell Top 200 Growth ETF	63.20
PTNQ	Pacer Trendpilot 100 ETF	63.17
SCHG	Schwab U.S. Large-Cap Growth ETF	63.08
QQQ	Invesco QQQ Trust	62.60
QQQM	Invesco NASDAQ 100 ETF	62.59

Size & Style 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
SPLV	Invesco S&P 500 Low Volatility ETF	-0.52%
ALTL	Pacer Lunt Large Cap Alternator ETF	-0.47%
LGLV	SPDR SSGA US Large Cap Low Volatility Index ETF	-0.34%
LVHD	Franklin U.S. Low Volatility High Dividend Index ETF	-0.21%
QLV	FlexShares US Quality Low Volatility Index Fund	-0.21%
FDLO	Fidelity Low Volatility Factor ETF	-0.18%
WBIG	WBI BullBear Yield 3000 ETF	-0.18%
DVOL	First Trust Dorsey Wright Momentum & Low Volatility E..	-0.18%
DURA	VanEck Durable High Dividend ETF	-0.15%
HUSV	First Trust Horizon Managed Volatility Domestic ETF	-0.12%

Size & Style Most Oversold

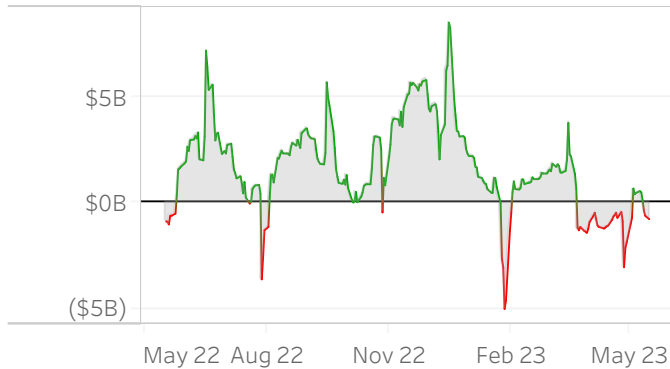
Ticker	Fund	Price
CDC	VictoryShares US EQ Income Enhanced Volatility Wt..	34.18
PEY	Invesco High Yield Equity Dividend Achievers ETF	35.04
XSLV	Invesco S&P SmallCap Low Volatility ETF	35.15
FDL	First Trust Morningstar Dividend Leaders Index Fund	35.15
DHS	WisdomTree U.S. High Dividend Fund	36.20
DVY	iShares Select Dividend ETF	36.44
RDIV	Invesco S&P Ultra Dividend Revenue ETF	36.65
CDL	VictoryShares US Large Cap High Dividend Volatility ..	37.38
SDOG	ALPS Sector Dividend Dogs ETF	37.53
HDV	iShares Core High Dividend ETF	37.69

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

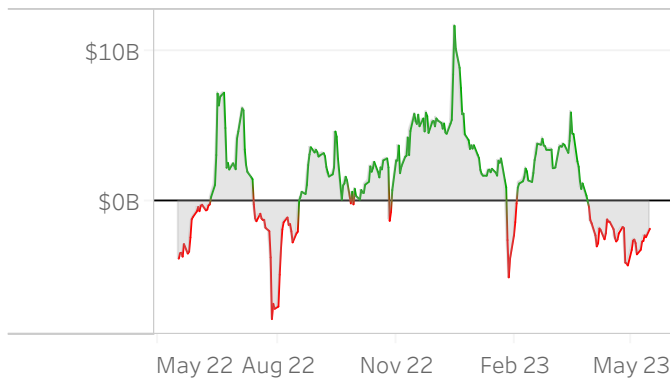
Large-Cap 30-Day Rolling Flows



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	\$1,292B	(\$1.45B)	\$8.09B	(\$16.78B)	\$67.73B
Large Cap, Beta, Beta: Growth	10	\$249B	\$0.11B	\$2.89B	\$5.64B	\$20.32B
Large Cap, Beta, Beta: Value	11	\$215B	(\$0.60B)	(\$5.56B)	(\$5.27B)	\$1.63B
Mid Cap, Beta, Beta	10	\$179B	(\$0.38B)	(\$0.84B)	\$2.50B	\$9.08B
Mid Cap, Beta, Beta: Growth	6	\$33B	(\$0.05B)	\$0.30B	(\$0.41B)	\$1.28B
Mid Cap, Beta, Beta: Value	6	\$38B	(\$0.09B)	(\$1.03B)	(\$0.69B)	\$1.16B
Small Cap, Beta, Beta	13	\$180B	(\$0.58B)	(\$4.22B)	(\$2.00B)	\$0.72B
Small Cap, Beta, Beta: Growth	7	\$31B	\$0.00B	(\$0.27B)	\$0.12B	\$1.02B
Small Cap, Beta, Beta: Value	7	\$46B	(\$0.05B)	(\$1.20B)	(\$0.26B)	\$0.58B

U.S. Size & Style Flow Leaders

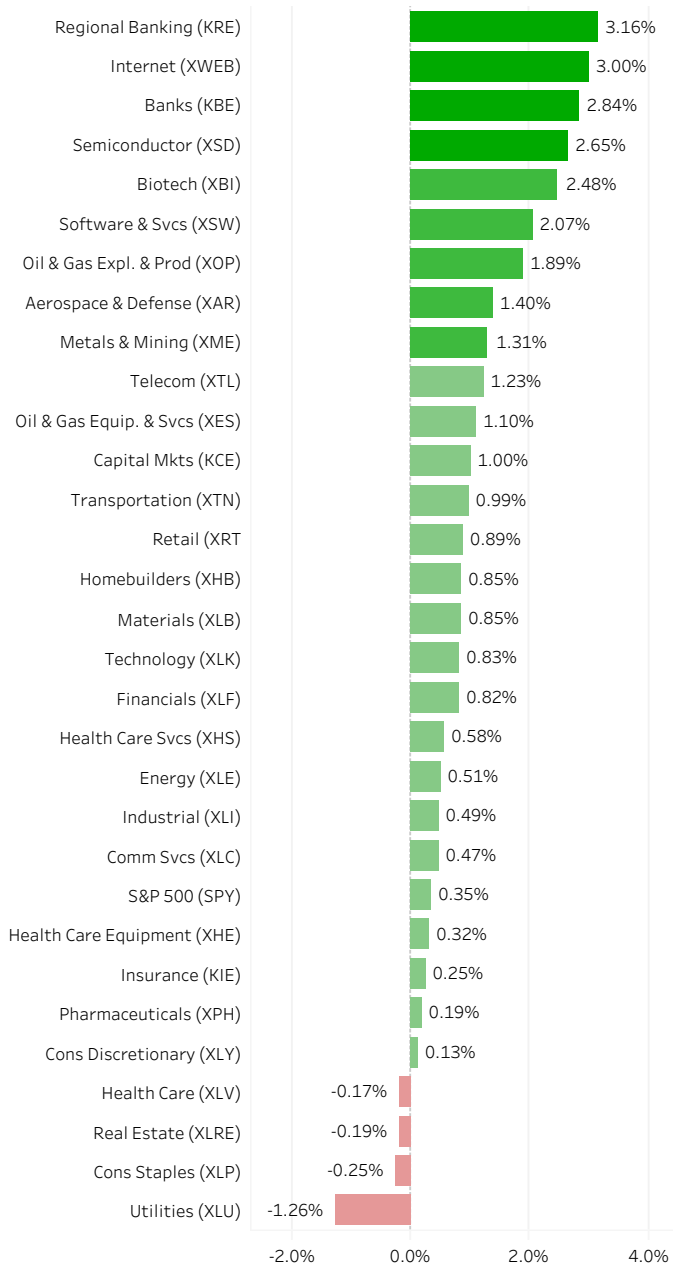
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
VTI	Vanguard Total Stock Market ETF	\$1.11B	\$2.67B	\$7.66B	\$20.36B	\$284.10B
SPY	SPDR S&P 500 ETF Trust	\$1.06B	\$3.08B	(\$10.83B)	\$8.65B	\$380.58B
QUAL	iShares MSCI USA Quality Factor ETF	\$0.17B	\$9.07B	\$8.72B	\$6.80B	\$28.57B
QQQM	Invesco NASDAQ 100 ETF	\$0.15B	\$1.63B	\$2.92B	\$5.03B	\$9.64B
DIA	SPDR Dow Jones Industrial Average ETF Trust	\$0.12B	(\$1.33B)	(\$2.37B)	(\$0.85B)	\$27.87B
LGLV	SPDR SSGA US Large Cap Low Volatility Index ..	\$0.11B	\$0.15B	\$0.17B	\$0.14B	\$0.81B
VIG	Vanguard Dividend Appreciation ETF	\$0.10B	\$0.49B	\$0.36B	\$1.59B	\$66.11B
OMFL	Invesco Russell 1000 Dynamic Multifactor ETF	\$0.09B	\$1.12B	\$1.29B	\$1.54B	\$3.68B
JEPQ	J.P. Morgan Nasdaq Equity Premium Income ..	\$0.08B	\$0.93B	\$1.72B	\$2.48B	\$2.62B
MDY	SPDR S&P Midcap 400 ETF Trust	\$0.08B	(\$0.09B)	\$0.10B	\$0.32B	\$18.28B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IVV	iShares Core S&P 500 ETF	(\$1.74B)	(\$3.75B)	(\$6.86B)	\$14.26B	\$306.89B
QQQ	Invesco QQQ Trust	(\$1.00B)	\$0.99B	(\$8.41B)	(\$0.45B)	\$174.35B
RSP	Invesco S&P 500 Equal Weight ETF	(\$0.47B)	(\$2.33B)	(\$0.33B)	\$1.80B	\$32.08B
VTV	Vanguard Value ETF	(\$0.40B)	(\$0.94B)	(\$0.68B)	\$3.02B	\$99.21B
IJH	iShares Core S&P Mid-Cap ETF	(\$0.38B)	\$0.18B	\$1.49B	\$4.73B	\$64.29B
IJR	iShares Core S&P Small Cap ETF	(\$0.33B)	(\$0.86B)	\$0.32B	\$2.31B	\$62.73B
VYM	Vanguard High Dividend Yield Index ETF	(\$0.30B)	(\$0.04B)	(\$0.16B)	\$4.85B	\$47.44B
RPV	Invesco S&P 500 Pure Value ETF	(\$0.29B)	(\$1.07B)	(\$1.07B)	(\$1.17B)	\$2.15B
IWM	iShares Russell 2000 ETF	(\$0.19B)	(\$3.59B)	(\$4.90B)	(\$4.59B)	\$46.84B
IUSV	iShares Core S&P US Value ETF	(\$0.10B)	(\$0.02B)	\$0.33B	\$1.19B	\$12.97B

* 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)
XLK	Technology Select Sector SPDR Fund	0.00%	30.58%	3.68%	12.21%	59.83
XLP	Consumer Staples Select Sector SPDR Fund	-0.74%	15.68%	2.76%	4.57%	58.20
XLC	Communication Services Select Sector SPDR Fund	-1.56%	32.11%	4.70%	12.80%	60.76
SPY	SPDR S&P 500 ETF Trust	-3.88%	15.83%	1.98%	4.29%	54.89
XLI	Industrial Select Sector SPDR Fund	-4.54%	19.46%	-0.22%	1.76%	48.27
XLV	Health Care Select Sector SPDR Fund	-5.81%	10.07%	0.90%	0.59%	46.62
XLB	Materials Select Sector SPDR Fund	-10.62%	16.99%	-0.61%	0.42%	45.89
XLU	Utilities Select Sector SPDR Fund	-12.75%	10.79%	0.39%	-1.88%	45.98
XLF	Financial Select Sector SPDR Fund	-13.08%	6.17%	-0.53%	-5.01%	46.13
XLY	Consumer Discretionary Select Sector SPDR Fund	-14.42%	17.23%	2.08%	1.64%	54.66
XLE	Energy Select Sector SPDR Fund	-16.11%	16.94%	-4.30%	-6.40%	37.92
XLRE	Real Estate Select Sector SPDR Fund	-19.06%	9.62%	0.47%	-3.51%	49.11

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
AMLPL	Alerian MLP ETF	4.30%
AMZA	InfraCap MLP ETF	3.57%
PBE	Invesco Dynamic Biotechnology & Genome ETF	3.33%
MLPA	Global X MLP ETF	3.22%
KRE	SPDR S&P Regional Banking ETF	3.16%
PSI	Invesco Dynamic Semiconductors ETF	2.91%
FTXL	First Trust Nasdaq Semiconductor ETF	2.88%
KBE	SPDR S&P Bank ETF	2.84%
IAT	iShares U.S. Regional Banks ETF	2.83%
SOXX	iShares Semiconductor ETF	2.72%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
XBI	SPDR S&P BIOTECH ETF	64.57
IYW	iShares U.S. Technology ETF	64.10
ITB	iShares U.S. Home Construction ETF	64.04
IGM	iShares Expanded Tech Sector ETF	63.69
PKB	Invesco Dynamic Building & Construction ETF	62.99
IETC	iShares U.S. Tech Independence Focused ETF	62.34
XHB	SPDR S&P Homebuilders ETF	62.18
XNTK	SPDR NYSE Technology ETF	61.00
XLC	Communication Services Select Sector SPDR Fund	60.76
AIRR	First Trust RBA American Industrial Renaissance ETF	60.02

Sector & Industry 1 Day Performance Laggards

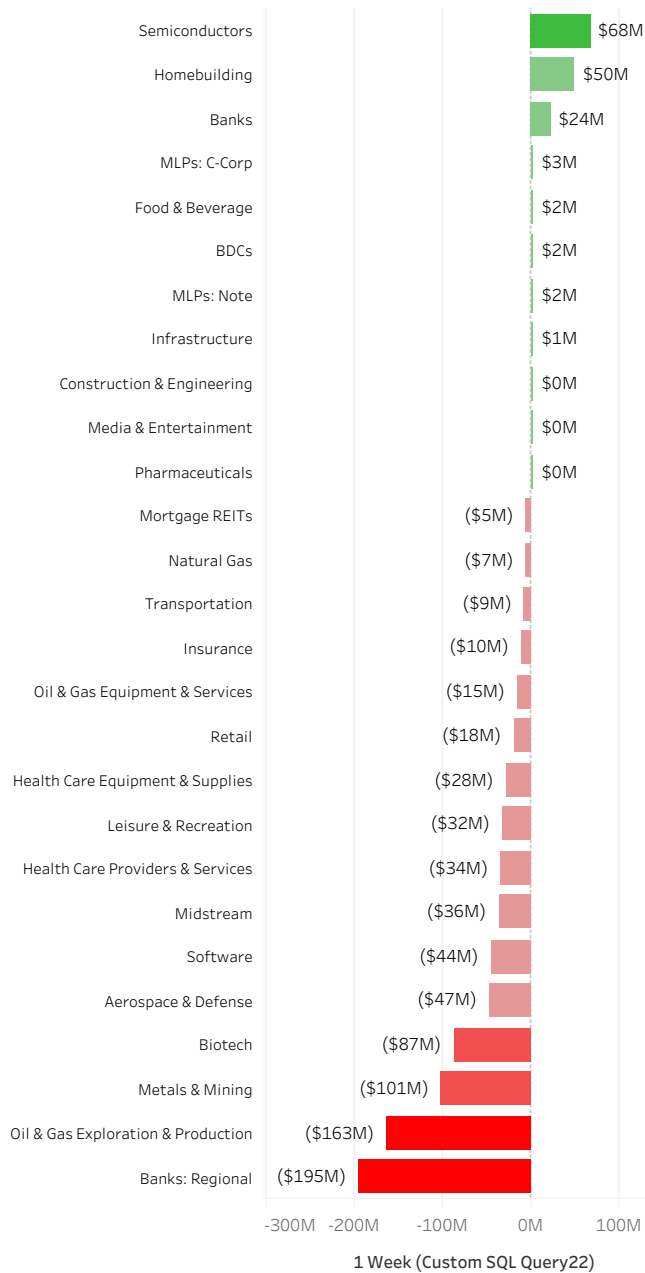
Ticker	Fund	1 Day Performance
XLU	Utilities Select Sector SPDR Fund	-1.26%
VPU	Vanguard Utilities ETF	-1.23%
RYU	Invesco S&P 500 Equal Weight Utilities ETF	-1.19%
IDU	iShares U.S. Utilities ETF	-1.16%
FUTY	Fidelity MSCI Utilities Index ETF	-1.12%
FXU	First Trust Utilities AlphaDEX Fund	-0.84%
PBJ	Invesco Dynamic Food & Beverage ETF	-0.67%
PSL	Invesco DWA Consumer Staples Momentum ETF	-0.52%
NURE	Nuveen Short-Term REIT ETF	-0.48%
IHE	iShares U.S. Pharmaceuticals ETF	-0.34%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
XTL	SPDR S&P Telecom ETF	35.42
QABA	First Trust NASDAQ ABA Community Bank Index Fund	35.51
KBWY	Invesco KBW Premium Yield Equity REIT ETF	37.24
XLE	Energy Select Sector SPDR Fund	37.92
KRE	SPDR S&P Regional Banking ETF	38.26
IEZ	iShares U.S. Oil Equipment & Services ETF	38.33
FENY	Fidelity MSCI Energy Index ETF	39.17
KBWB	Invesco KBW Bank ETF	39.20
IAT	iShares U.S. Regional Banks ETF	39.21
XME	SPDR S&P Metals & Mining ETF	39.22

* 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	\$15B	\$110M	\$1,460M	\$1,386M	\$1,902M
Consumer Discretionary	12	\$22B	(\$50M)	\$573M	\$32M	(\$1,026M)
Consumer Staples	10	\$32B	\$162M	\$1,782M	\$2,454M	\$4,052M
Energy	32	\$66B	(\$493M)	(\$4,781M)	(\$8,986M)	(\$9,749M)
Financials	26	\$51B	(\$876M)	(\$2,119M)	(\$2,234M)	(\$6,050M)
Health Care	23	\$92B	(\$129M)	(\$2,459M)	(\$3,308M)	\$2,108M
Industrial	13	\$31B	(\$25M)	(\$136M)	\$360M	(\$231M)
Materials	9	\$13B	(\$365M)	(\$954M)	\$100M	(\$2,572M)
Multi-Sector	19	\$14B	(\$30M)	\$411M	(\$282M)	(\$1,670M)
Real Estate	25	\$55B	(\$23M)	(\$3,082M)	(\$3,393M)	(\$6,120M)
Technology	23	\$131B	\$12M	\$366M	(\$1,362M)	\$1,079M
Utilities	9	\$26B	\$105M	\$269M	\$235M	\$1,767M

U.S. Sector & Industry Flow Leaders

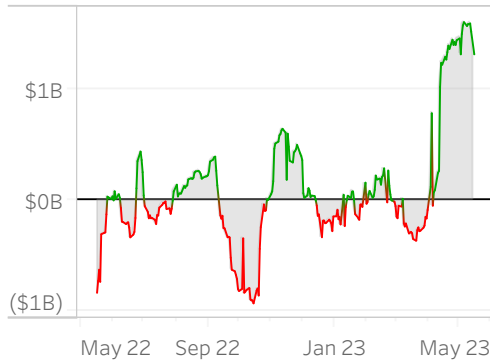
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
RYT	Invesco S&P 500 Equal Weight Technology ETF	\$265M	\$354M	\$629M	\$341M	\$2,727M
XLC	Communication Services Select Sector SPDR Fu..	\$212M	\$1,510M	\$1,437M	\$2,032M	\$11,626M
XLP	Consumer Staples Select Sector SPDR Fund	\$119M	\$1,460M	\$1,725M	\$2,336M	\$19,043M
XLU	Utilities Select Sector SPDR Fund	\$107M	\$567M	\$396M	\$1,356M	\$16,392M
SOXX	iShares Semiconductor ETF	\$83M	\$367M	\$224M	(\$294M)	\$7,312M
IYR	iShares U.S. Real Estate ETF	\$81M	(\$617M)	(\$425M)	(\$1,191M)	\$2,803M
XHB	SPDR S&P Homebuilders ETF	\$36M	(\$2M)	(\$224M)	(\$326M)	\$952M
XLI	Industrial Select Sector SPDR Fund	\$36M	(\$592M)	(\$1,064M)	(\$1,225M)	\$12,972M
XLRE	Real Estate Select Sector SPDR Fund	\$32M	(\$531M)	(\$570M)	(\$440M)	\$4,398M
XLV	Health Care Select Sector SPDR Fund	\$27M	(\$327M)	(\$2M)	\$2,592M	\$40,230M

U.S. Sector & Industry Flow Laggards

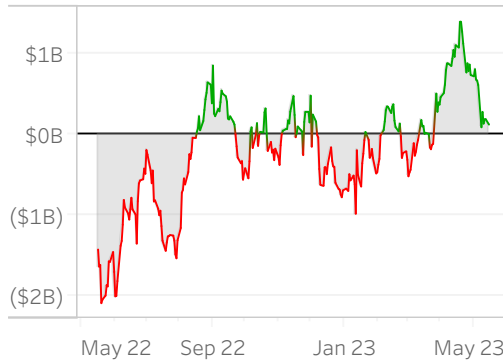
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLF	Financial Select Sector SPDR Fund	(\$568M)	(\$1,327M)	(\$973M)	(\$3,225M)	\$28,652M
XLK	Technology Select Sector SPDR Fund	(\$262M)	(\$1,351M)	(\$2,555M)	(\$1,421M)	\$43,274M
KRE	SPDR S&P Regional Banking ETF	(\$199M)	\$1,441M	\$482M	\$160M	\$2,563M
XLB	Materials Select Sector SPDR Fund	(\$192M)	(\$360M)	\$79M	(\$1,007M)	\$5,433M
XLE	Energy Select Sector SPDR Fund	(\$174M)	(\$1,703M)	(\$3,429M)	(\$2,871M)	\$34,800M
XOP	SPDR S&P Oil & Gas Exploration & Production E..	(\$155M)	(\$270M)	(\$1,099M)	(\$1,314M)	\$3,137M
XME	SPDR S&P Metals & Mining ETF	(\$101M)	(\$435M)	(\$93M)	(\$564M)	\$1,752M
VNQ	Vanguard Real Estate ETF	(\$73M)	(\$1,265M)	(\$1,727M)	(\$3,424M)	\$31,939M
XBI	SPDR S&P BIOTECH ETF	(\$67M)	(\$1,072M)	(\$1,698M)	(\$404M)	\$6,745M
VDE	Vanguard Energy ETF	(\$60M)	(\$278M)	(\$440M)	(\$651M)	\$7,184M

* 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



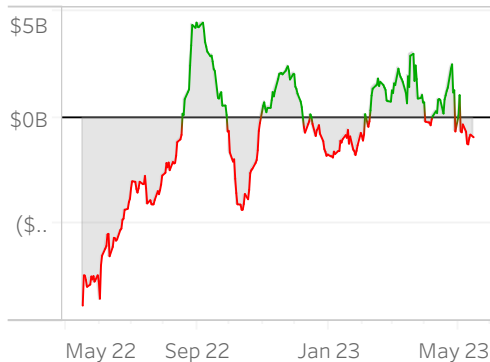
Consumer Staples



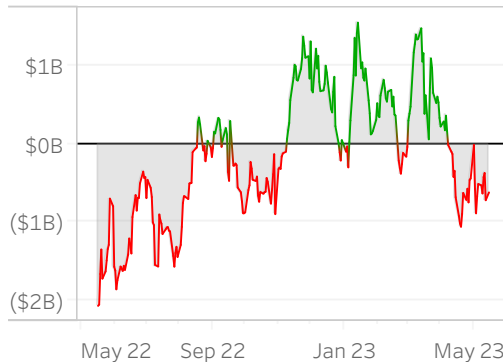
Energy



Financials



Industrial



Health Care



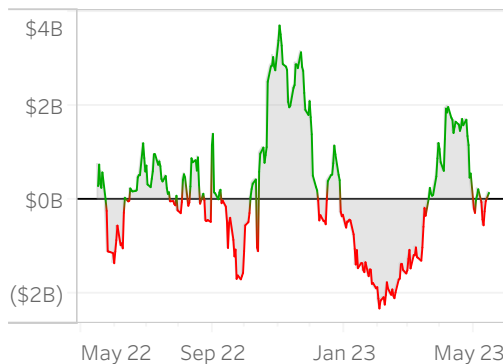
Materials



Real Estate



Technology



Utilities

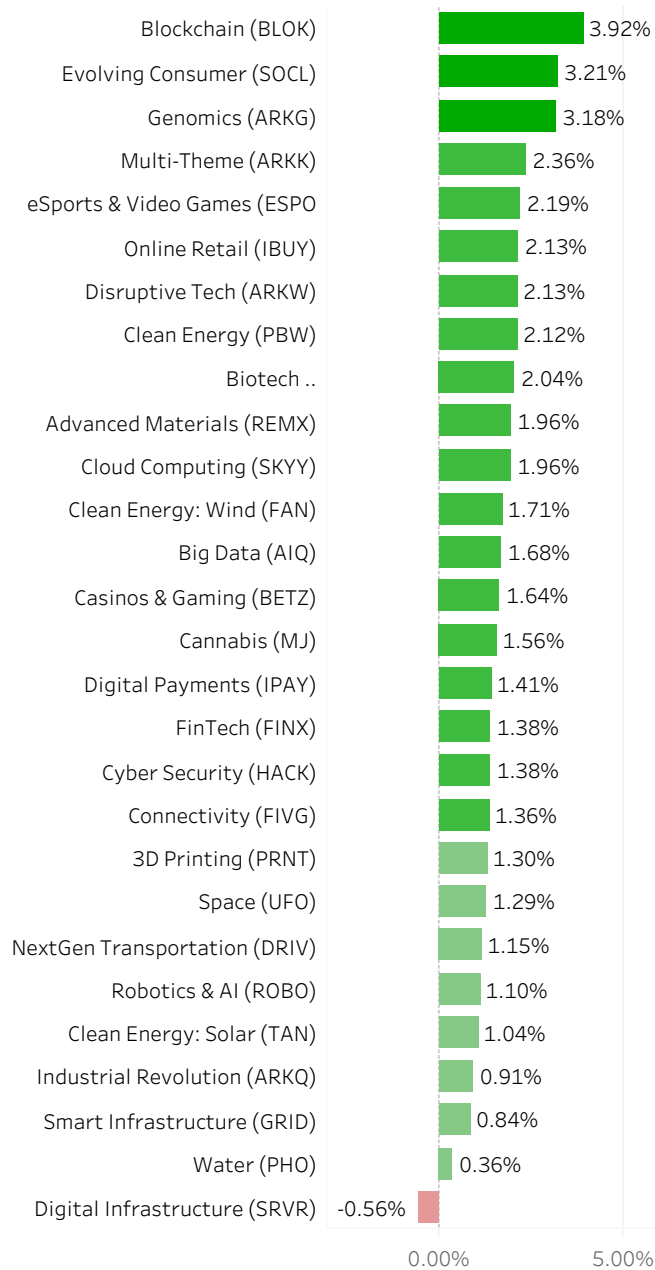


Multi-Sector

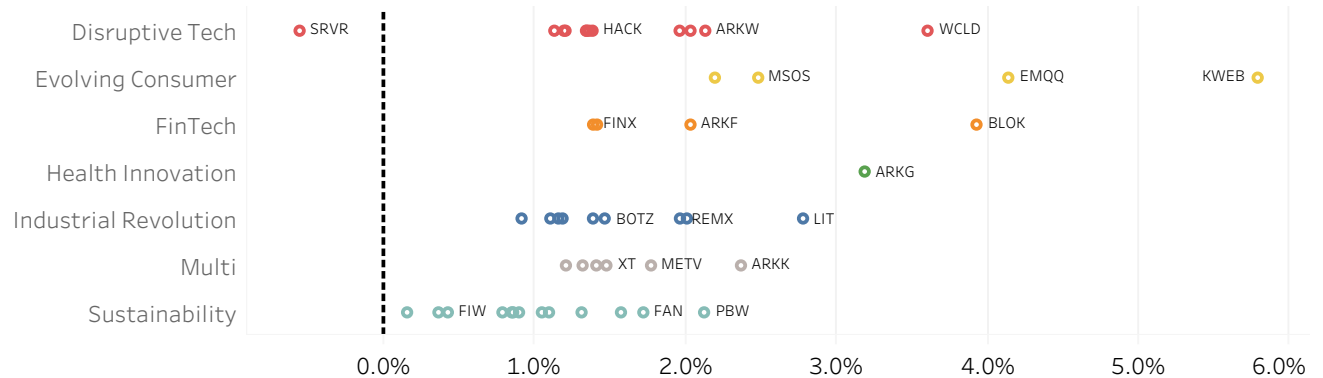


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
BKCH	Global X Blockchain ETF	6.80%
KWEB	KraneShares CSI China Internet ETF	5.79%
BITQ	Bitwise Crypto Industry Innovators ETF	5.51%
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	4.13%
BLOK	Amplify Transformational Data Sharing ETF	3.92%
GNOM	Global X Genomics & Biotechnology ETF	3.78%
WCLD	WisdomTree Cloud Computing Fund	3.60%
BLCN	Siren ETF Trust Siren Nasdaq NexGen Economy ETF	3.37%
IDNA	iShares Genomics Immunology and Healthcare ETF	3.24%
SOCL	Global X Social Media ETF	3.21%

Thematic Most Overbought

Ticker	Fund	Value
REMX	VanEck Rare Earth/Strategic Metals ETF	66.69
SBIO	ALPS Medical Breakthroughs ETF	66.17
BTEC	Principal Healthcare Innovators ETF	64.67
AGNG	Global X Aging Population ETF	63.40
BOTZ	Global X Robotics & Artificial Intelligence ETF	63.23
EVX	VanEck Environmental Services ETF	63.07
TIME	Clockwise Capital Innovation ETF	62.13
GDOC	Goldman Sachs Future Health Care Equity ETF	62.13
GNOM	Global X Genomics & Biotechnology ETF	61.24
TECB	iShares U.S. Tech Breakthrough Multisector ETF	60.08

Global Thematic 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
SRVR	Pacer Data & Infrastructure Real Estate ETF	-0.56%
EVX	VanEck Environmental Services ETF	-0.07%
CGW	Invesco S&P Global Water Index ETF	0.15%
PHO	Invesco Water Resources ETF	0.36%
SAMT	Strategas Macro Thematic Opportunities ETF	0.39%
FIW	First Trust Water ETF	0.42%
PAWZ	ProShares Pet Care ETF	0.42%
AGNG	Global X Aging Population ETF	0.49%
GDOC	Goldman Sachs Future Health Care Equity ETF	0.62%
MILN	Global X Millennial Consumer ETF	0.64%

Thematic Most Oversold

Ticker	Fund	Value
MJUS	ETFMG U.S. Alternative Harvest ETF	42.94
MJ	ETFMG Alternative Harvest ETF	43.40
AWAY	ETFMG Travel Tech ETF	44.21
SRVR	Pacer Data & Infrastructure Real Estate ETF	44.91
MSOS	AdvisorShares Pure US Cannabis ETF	45.03
PRNT	3D Printing ETF	46.52
FIVG	Defiance Next Gen Connectivity ETF	46.81
BJK	VanEck Gaming ETF	48.93
PBD	Invesco Global Clean Energy ETF	49.14
HTEC	ROBO Global Healthcare Technology and Innovation ETF	49.22

* 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
ARKK	ARK Innovation ETF	\$74M
BOTZ	Global X Robotics & Artificial Intelligence ETF	\$21M
ARKG	ARK Genomic Revolution ETF	\$17M
BUG	Global X Cybersecurity ETF	\$13M
AIQ	Global X Artificial Intelligence & Technology ETF	\$8M
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure Index	\$5M
MSOS	AdvisorShares Pure US Cannabis ETF	\$5M
ARKF	ARK Fintech Innovation ETF	\$5M
FIW	First Trust Water ETF	\$4M
ROBT	First Trust Nasdaq Artificial Intelligence & Robotics ETF	\$4M

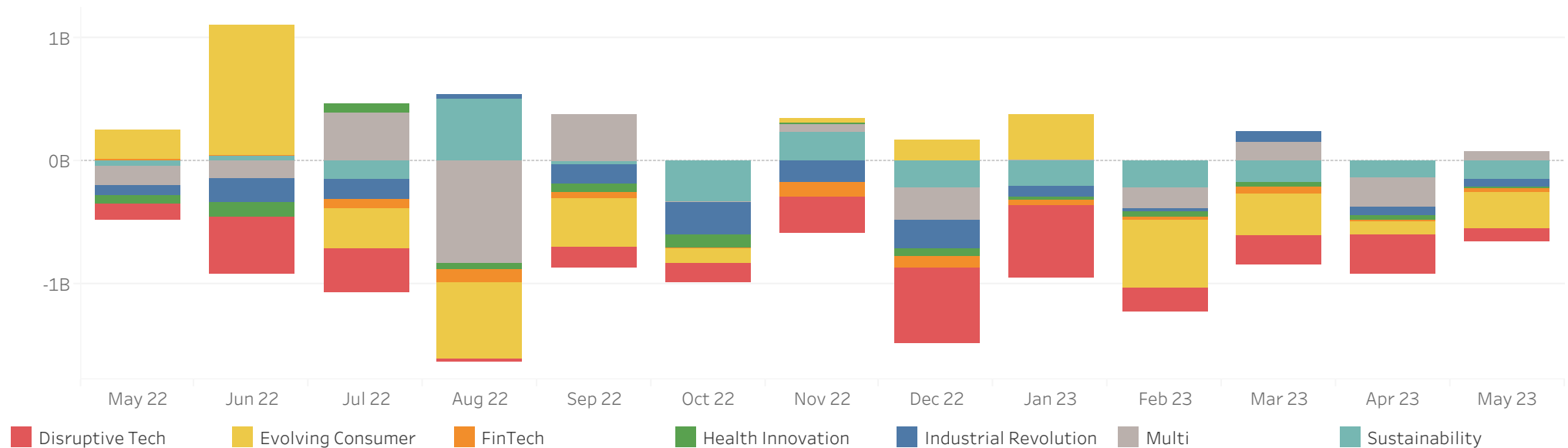
Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
KWEB	KraneShares CSI China Internet ETF	(\$27M)
REMX	VanEck Rare Earth/Strategic Metals ETF	(\$25M)
CIBR	First Trust NASDAQ Cybersecurity ETF	(\$24M)
PBW	Invesco WilderHill Clean Energy ETF	(\$20M)
KEMQ	KraneShares Emerging Markets Consumer Technology Index ETF	(\$16M)
ICLN	iShares Global Clean Energy ETF	(\$13M)
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	(\$12M)
TAN	Invesco Solar ETF	(\$12M)
ARKW	ARK Next Generation Internet ETF	(\$8M)
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	(\$7M)

Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	34	\$14B	(\$35M)	(\$719M)	(\$2,204M)	(\$3,618M)
Evolving Consumer	44	\$8B	(\$60M)	(\$979M)	(\$745M)	(\$898M)
FinTech	18	\$2B	(\$2M)	(\$149M)	(\$310M)	(\$602M)
Health Innovation	18	\$3B	\$9M	(\$107M)	(\$289M)	(\$558M)
Industrial Revolution	31	\$10B	(\$21M)	(\$66M)	(\$470M)	(\$1,386M)
Multi	40	\$14B	\$25M	(\$64M)	(\$816M)	(\$708M)
Sustainability	40	\$16B	(\$53M)	(\$525M)	(\$879M)	(\$851M)
Grand Total	225	\$69B	(\$136M)	(\$2,609M)	(\$5,714M)	(\$8,621M)

Thematic Monthly Flows

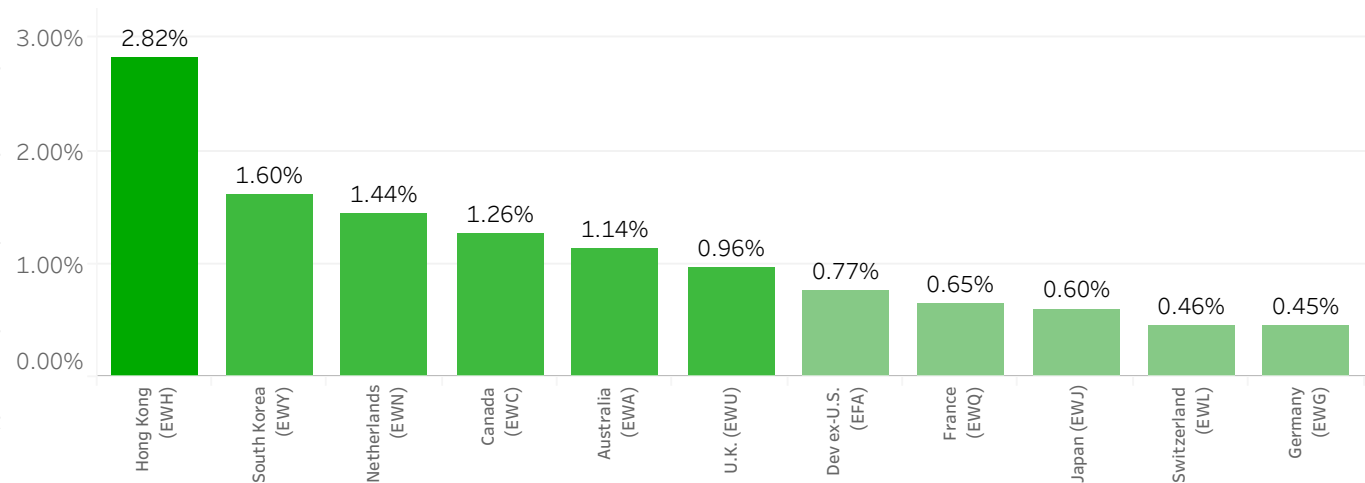


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

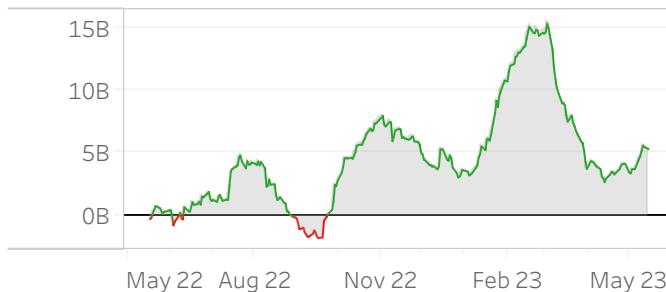
Developed ex-U.S. (EFA)



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



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



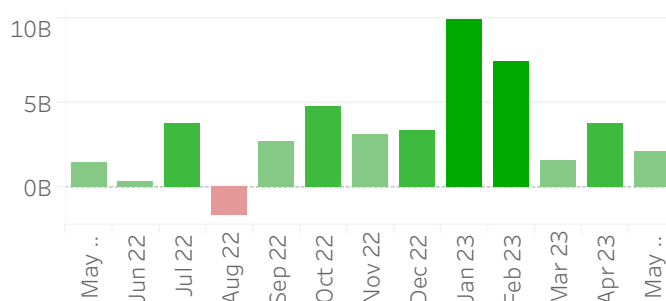
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
AIA	iShares Asia 50 ETF	3.06%
EWH	iShares MSCI Hong Kong ETF	2.82%
MINV	Matthews Asia Innovators Active ETF	2.65%
AAXJ	iShares MSCI All Country Asia ex Japan ETF	2.39%
EWY	iShares MSCI South Korea ETF	1.60%
NORW	Global X MSCI Norway ETF	1.58%
BBAX	JPMorgan BetaBuilders Developed Asia Pacific-ex Japan ETF	1.52%
EWD	iShares MSCI Sweden ETF	1.47%
EPP	iShares MSCI Pacific ex-Japan ETF	1.45%
EWN	iShares MSCI Netherlands ETF	1.44%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	68.91
HEWJ	iShares Currency Hedged MSCI Japan ETF	68.57
BBJP	JPMorgan BetaBuilders Japan ETF	68.09
EWJV	iShares MSCI Japan Value ETF	68.02
FLJP	Franklin FTSE Japan ETF	67.46
DXJ	WisdomTree Japan Hedged Equity Fund	66.97
EWJ	iShares MSCI Japan ETF	66.94
JPNX	iShares JPX-Nikkei 400 ETF	66.66
EWL	iShares MSCI Switzerland ETF	66.46
SCJ	iShares MSCI Japan Small-Cap ETF	65.93

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
EWI	iShares MSCI Italy ETF	-0.03%
EWP	iShares MSCI Spain ETF	0.00%
IHDG	WisdomTree International Hedged Quality Dividend Grow..	0.22%
HEDJ	WisdomTree Europe Hedged Equity Fund	0.23%
HEZU	iShares Currency Hedged MSCI Eurozone ETF	0.31%
DBEU	Xtrackers MSCI Europe Hedged Equity ETF	0.32%
EWO	iShares MSCI Austria ETF	0.34%
GREK	Global X MSCI Greece ETF	0.34%
FJP	First Trust Japan AlphaDEX Fund	0.35%
ENZL	iShares MSCI New Zealand ETF	0.38%

Developed ex-U.S. Most Oversold

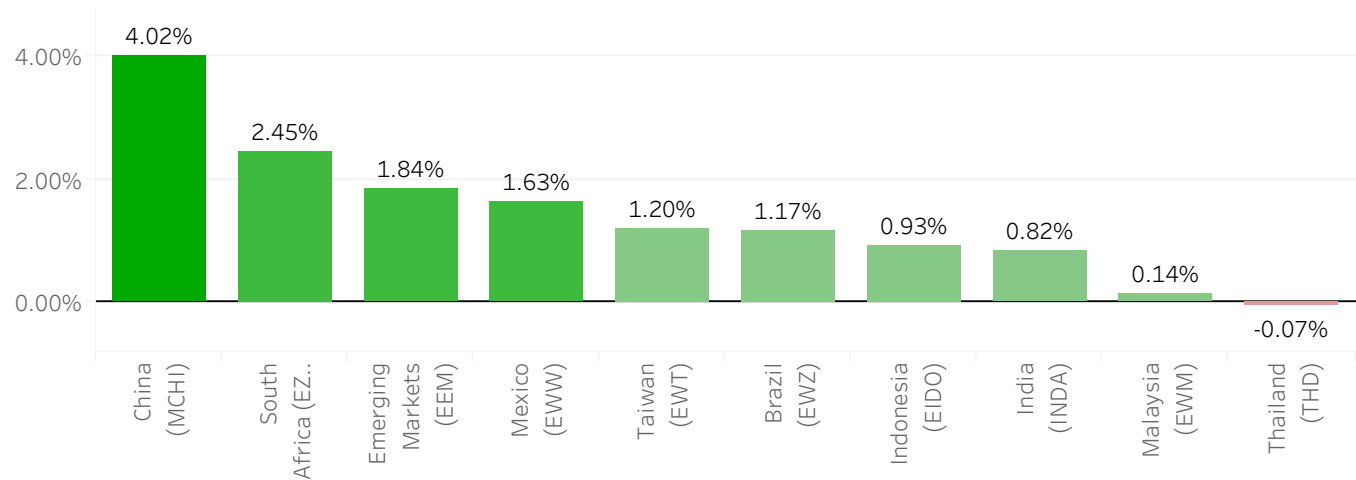
Ticker	Fund	Value
IMOM	Alpha Architect International Quantitative Moment..	44.02
EWO	iShares MSCI Austria ETF	44.54
PIZ	Invesco DWA Developed Markets Momentum ETF	45.99
EWY	iShares MSCI South Korea ETF	46.72
FYLD	Cambria Foreign Shareholder Yield ETF	46.88
FLKR	Franklin FTSE South Korea ETF	47.17
EWP	iShares MSCI Spain ETF	47.22
FDT	First Trust Developed Markets ex-US AlphaDEX Fund	47.92
IDV	iShares International Select Dividend ETF	47.92
EWH	iShares MSCI Hong Kong ETF	48.55

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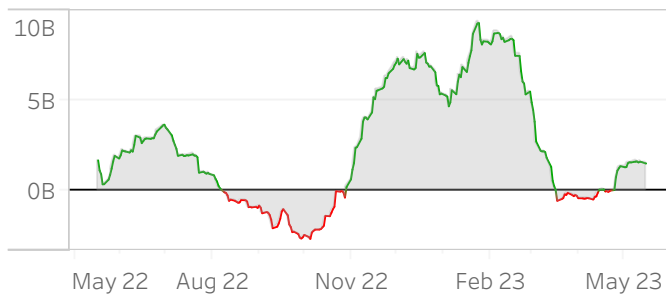
Emerging (EEM)



Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



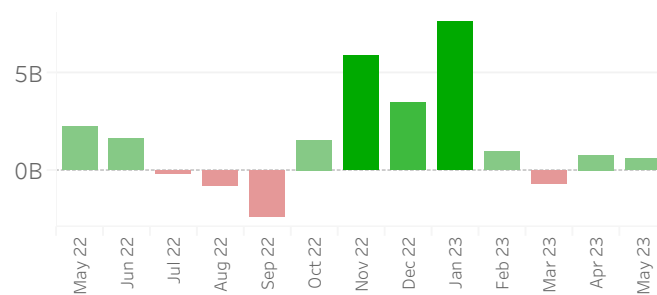
Emerging 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
FXI	iShares China Large-Cap ETF	4.50%
PGJ	Invesco Golden Dragon China ETF	4.29%
MCHI	iShares MSCI China ETF	4.02%
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	4.01%
FLCH	Franklin FTSE China ETF	3.95%
GXC	SPDR S&P China ETF	3.80%
RAYC	Rayliant Quantamental China Equity ETF	3.05%
BKF	iShares MSCI BIC ETF	2.95%
NUEM	Nuveen ESG Emerging Markets Equity ETF	2.80%
KBA	KraneShares Boseria MSCI China A 50 Connect Index ETF	2.53%

Emerging Most Overbought

Ticker	Fund	Price
SMIN	iShares MSCI India Small Cap ETF	74.09
EWZS	iShares MSCI Brazil Small-Cap ETF	71.89
FLLA	Franklin FTSE Latin America ETF	70.24
ILF	iShares Latin America 40 ETF	69.50
FLBR	Franklin FTSE Brazil ETF	68.56
EWZ	iShares MSCI Brazil ETF	68.42
EWZ	iShares MSCI Mexico ETF	67.96
INDA	iShares MSCI India ETF	67.90
FLIN	Franklin FTSE India ETF	67.53
ECH	iShares MSCI Chile ETF	66.97

Emerging Monthly Flows



Emerging 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
TUR	iShares MSCI Turkey ETF	-8.39%
QAT	iShares MSCI Qatar ETF	-0.94%
FEM	First Trust Emerging Markets AlphaDEX Fund	-0.61%
FEMS	First Trust Emerging Markets Small Cap AlphaDEX Fund	-0.58%
EPHE	iShares MSCI Philippines ETF	-0.38%
THD	iShares MSCI Thailand ETF	-0.07%
ECH	iShares MSCI Chile ETF	-0.03%
JPEM	J.P. Morgan Diversified Return Emerging Markets Equit..	0.04%
EWM	iShares MSCI Malaysia ETF	0.14%
KSA	iShares MSCI Saudi Arabia ETF	0.27%

Emerging Most Oversold

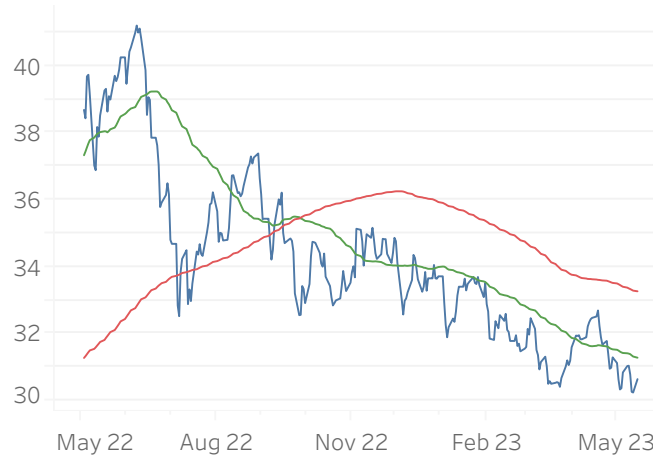
Ticker	Fund	Price
KWT	iShares MSCI Kuwait ETF	37.91
TUR	iShares MSCI Turkey ETF	38.57
EWM	iShares MSCI Malaysia ETF	38.77
EZA	iShares MSCI South Africa ETF	39.05
FEMS	First Trust Emerging Markets Small Cap AlphaDEX F..	40.03
EPHE	iShares MSCI Philippines ETF	42.42
ECNS	iShares MSCI China Small-Cap ETF	42.95
RAYC	Rayliant Quantamental China Equity ETF	43.37
FEM	First Trust Emerging Markets AlphaDEX Fund	43.57
CNYA	iShares MSCI China A ETF	46.32

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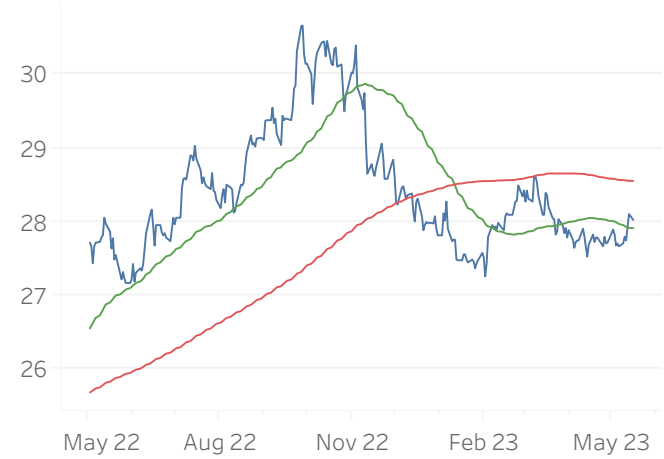
Fixed Income (AGG)



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	-0.25%	-0.01%	3.23%
SHY	1-3 Year Treasury Bonds	0.01%	0.45%	2.10%
IEF	7-10 Year Treasury Bonds	-0.22%	0.58%	4.52%
TLT	20+ Year Treasury Bonds	-1.04%	-1.54%	4.70%
TIP	TIPS Bonds	-0.15%	-0.01%	3.31%
FLOT	Floating Rate Bonds	0.00%	0.66%	2.12%
LQD	Investment Grade Corporate	-0.54%	-1.17%	3.54%
HYG	High Yield Corporate	-0.03%	-0.74%	3.06%
BKLN	Senior Loan	0.29%	0.16%	4.14%
PFF	Preferred & Income Securities	-0.20%	-4.74%	-0.44%
MUB	Municipal Bonds	-0.03%	-0.68%	2.26%
MBB	MBS	-0.22%	0.13%	2.75%
EMB	Dollar Denominated EM Bonds	-0.43%	-0.82%	1.94%
LEMB	Local Currency EM Bond	1.15%	2.55%	6.42%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	1.32%	-5.63%	-9.11%
DBE	Energy	1.68%	-10.06%	-14.42%
USO	WTI Crude Oil	1.48%	-12.62%	-10.16%
BNO	Brent Crude Oil	1.52%	-12.27%	-10.47%
UNG	Natural Gas	4.52%	3.74%	-50.78%
UGA	Gasoline	1.54%	-11.25%	-4.75%
DBP	Precious Metals	0.34%	-0.58%	8.13%
GLD	Gold	0.21%	0.46%	10.36%
SLV	Silver	0.36%	-5.19%	0.36%
PPLT	abrdn Physical Platin..	0.82%	2.21%	-0.63%
PALL	abrdn Physical Palla..	1.26%	1.27%	-14.62%
DBB	Base Metals	0.43%	-7.40%	-4.83%
CPER	Copper	0.44%	-8.51%	-0.39%
LD	Lead	0.31%	-4.00%	-9.53%
JJN	Nickel	-2.03%	-11.01%	-27.11%
JJU	Aluminum	1.09%	-5.08%	-6.29%
JJT	Tin	1.15%	1.11%	1.75%
DBA	Agriculture	1.25%	0.86%	4.67%
CORN	Corn	1.45%	-8.12%	-14.33%
SOYB	Soybeans	0.21%	-4.63%	-9.72%
WEAT	Wheat	3.91%	-4.46%	-16.79%
CANE	Sugar	0.14%	12.19%	45.86%
BAL	Cotton	2.55%	-0.22%	-0.04%
NIB	Cocoa	0.34%	3.64%	20.55%
JO	Coffee	3.45%	-1.89%	15.75%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	-0.28%	1.23%	0.76%
UDN	Short Dollar	0.32%	-0.63%	1.95%
FXE	Euro	0.18%	-1.07%	1.93%
FXB	British Pound Sterling	0.62%	1.18%	4.63%
FXF	Swiss Franc	0.40%	-0.17%	3.14%
FXJ	Japanese Yen	-0.25%	-1.74%	-3.73%
FXC	Canadian Dollar	0.62%	-0.56%	1.25%
FXA	Australian Dollar	0.84%	0.03%	-1.27%

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