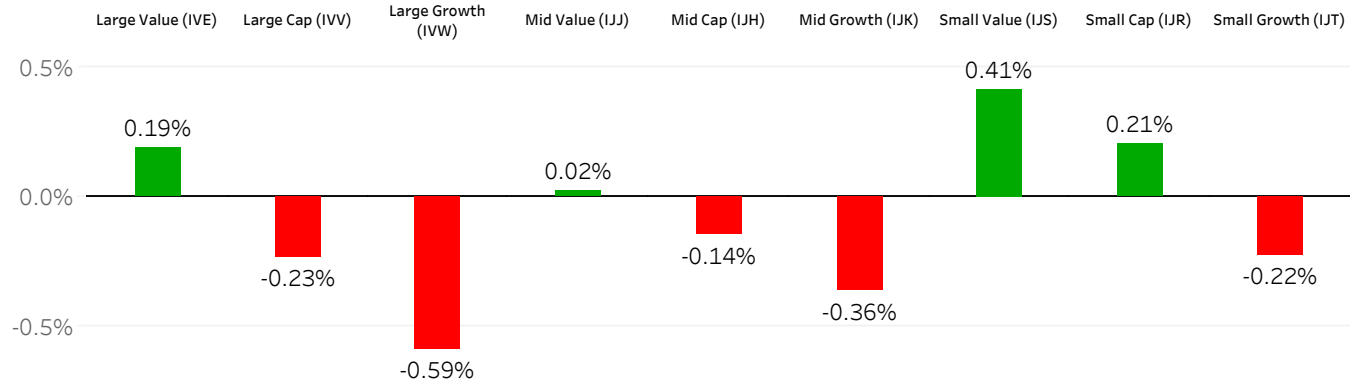


Large Cap Blend (S&P 500) IVV



U.S. Size & Style 1-Day Performance



Mid Cap Blend (S&P 400) IJH



Size & Style 1-Day Performance Leaders

Ticker	Fund	Performance
PEY	Invesco High Yield Equity Dividend Achievers ETF	0.88%
SMDV	ProShares Russell 2000 Dividend Growers ETF	0.78%
VIOV	Vanguard S&P Small-Cap 600 Value ETF	0.72%
OMFS	Invesco Russell 2000 Dynamic Multifactor ETF	0.70%
DES	WisdomTree U.S. SmallCap Dividend Fund	0.66%
CSB	VictoryShares US Small Cap High Dividend Volatility Wt..	0.61%
ABEQ	Absolute Select Value ETF	0.61%
RZV	Invesco S&P Smallcap 600 Pure Value ETF	0.61%
SPHD	Invesco S&P 500 High Dividend Low Volatility ETF	0.57%
XSLV	Invesco S&P SmallCap Low Volatility ETF	0.55%

Size & Style Most Overbought

Ticker	Fund	Price
SPC	CrossingBridge Pre-Merger SPAC ETF	63.32
ACSI	American Customer Satisfaction ETF	40.10
CSD	Invesco S&P Spin-Off ETF	40.05
QQH	HCM Defender 100 Index ETF	39.72
SPMO	Invesco S&P 500 Momentum ETF	39.59
HDV	iShares Core High Dividend ETF	38.99
IVW	iShares S&P 500 Growth ETF	38.87
SPYG	SPDR Portfolio S&P 500 Growth ETF	38.85
MTUM	iShares MSCI USA Momentum Factor ETF	38.58
VOOG	Vanguard S&P 500 Growth ETF	38.55

Small Cap Blend (S&P 600) IJR



Size & Style 1-Day Performance Laggards

Ticker	Fund	Performance
QMOM	Alpha Architect U.S. Quantitative Momentum ETF	-1.12%
TMFS	Motley Fool Small-Cap Growth ETF	-0.93%
DWAS	Invesco Dorsey Wright SmallCap Momentum ETF	-0.81%
VFMO	Vanguard U.S. Momentum Factor ETF	-0.81%
PDP	Invesco Dorsey Wright Momentum ETF	-0.80%
DRUP	GraniteShares Nasdaq Select Disruptors ETF	-0.78%
WINN	Harbor Long-Term Growers ETF	-0.76%
LCG	Sterling Capital Focus Equity ETF	-0.75%
LEAD	Siren DIVCON Leaders Dividend ETF	-0.75%
GVIP	Goldman Sachs Hedge Industry VIP ETF	-0.73%

Size & Style Most Oversold

Ticker	Fund	Price
VSMV	VictoryShares US Multi-Factor Minimum Volatility E..	27.08
SELV	SEI Enhanced Low Volatility U.S. Large Cap ETF	27.44
VLUE	iShares MSCI USA Value Factor ETF	28.43
USMV	iShares MSCI USA Min Vol Factor ETF	28.44
SIXS	ETC 6 Meridian Small Cap Equity ETF	28.49
TMFM	Motley Fool Mid-Cap Growth ETF	28.50
FTCS	First Trust Capital Strength ETF	28.73
HUSV	First Trust Horizon Managed Volatility Domestic ETF	28.77
NUMG	Nuveen ESG Mid-Cap Growth ETF	28.82
LGLV	SPDR SSGA US Large Cap Low Volatility Index ETF	28.82

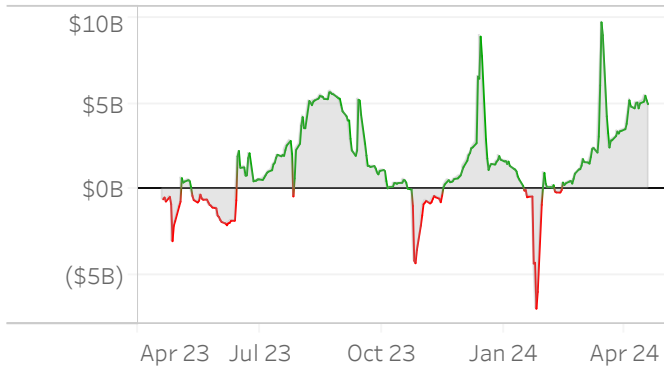
■ Closing Price ■ 50 Day Moving Average ■ 200 Day Moving Average

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

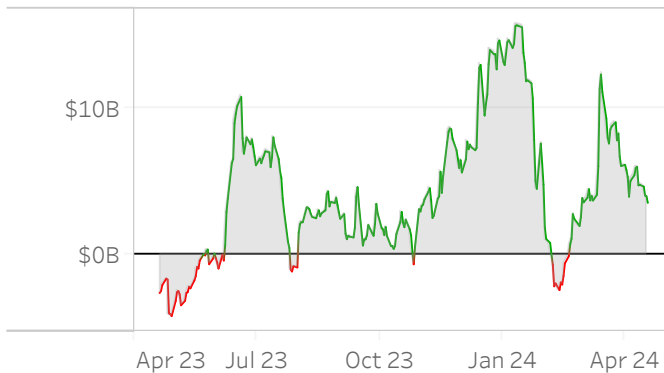
Large-Cap 30-Day Rolling Flows



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	\$1,802B	\$2.41B	\$42.70B	\$127.12B	\$198.57B
Large Cap, Beta, Beta: Growth	10	\$353B	\$1.34B	\$11.26B	\$18.88B	\$27.15B
Large Cap, Beta, Beta: Value	11	\$251B	(\$0.14B)	\$5.43B	\$8.39B	\$5.67B
Mid Cap, Beta, Beta	10	\$219B	\$0.85B	\$5.27B	\$5.20B	\$11.17B
Mid Cap, Beta, Beta: Growth	6	\$42B	(\$0.04B)	\$1.40B	\$2.09B	\$2.65B
Mid Cap, Beta, Beta: Value	6	\$40B	(\$0.11B)	(\$1.35B)	(\$1.43B)	(\$3.08B)
Small Cap, Beta, Beta	11	\$223B	(\$1.61B)	\$1.10B	\$13.45B	\$20.60B
Small Cap, Beta, Beta: Growth	7	\$38B	(\$0.03B)	\$0.92B	\$2.22B	\$2.45B
Small Cap, Beta, Beta: Value	7	\$51B	(\$0.05B)	(\$0.30B)	\$0.36B	(\$0.96B)

U.S. Size & Style Flow Leaders

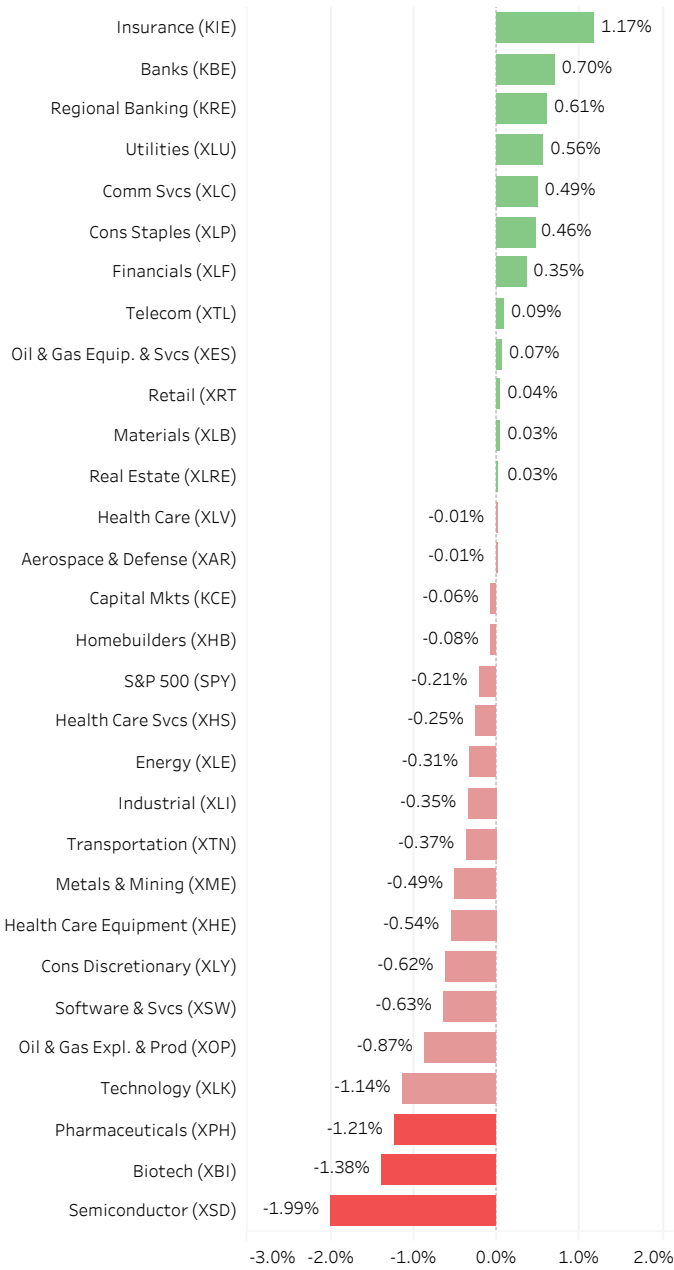
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
VOO	Vanguard S&P 500 ETF	\$2.47B	\$24.69B	\$41.48B	\$66.96B	\$423.70B
IVV	iShares Core S&P 500 ETF	\$1.47B	\$2.93B	\$25.32B	\$51.99B	\$432.85B
FTCS	First Trust Capital Strength ETF	\$1.18B	\$0.96B	\$0.56B	\$0.20B	\$9.78B
VUG	Vanguard Growth ETF	\$1.07B	\$4.74B	\$6.77B	\$7.46B	\$116.48B
QQQ	Invesco QQQ Trust Series I	\$0.73B	\$5.34B	\$8.75B	\$17.15B	\$246.84B
VTI	Vanguard Total Stock Market ETF	\$0.62B	\$8.13B	\$16.21B	\$27.69B	\$372.78B
IWR	iShares Russell Midcap ETF	\$0.50B	\$1.39B	\$1.28B	\$1.42B	\$32.50B
SPLG	SPDR Portfolio S&P 500 ETF	\$0.36B	\$5.02B	\$9.51B	\$11.81B	\$32.95B
SPYG	SPDR Portfolio S&P 500 Growth ETF	\$0.36B	\$1.18B	\$1.95B	\$3.68B	\$24.47B
VO	Vanguard Mid-Cap ETF	\$0.27B	\$1.46B	\$2.50B	\$3.70B	\$61.62B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IWM	iShares Russell 2000 ETF	(\$1.32B)	(\$4.22B)	\$3.13B	\$4.16B	\$58.17B
RSP	Invesco S&P 500 Equal Weight ETF	(\$0.63B)	\$3.16B	\$8.68B	\$15.64B	\$53.40B
DIA	SPDR Dow Jones Industrial Average ETF Trust	(\$0.49B)	(\$0.52B)	\$0.50B	\$0.13B	\$31.96B
SPLV	Invesco S&P 500 Low Volatility ETF	(\$0.37B)	(\$1.57B)	(\$1.71B)	(\$3.19B)	\$6.77B
IWD	iShares Russell 1000 Value ETF	(\$0.37B)	(\$1.32B)	(\$1.29B)	(\$2.88B)	\$52.59B
VTWO	Vanguard Russell 2000 ETF	(\$0.22B)	\$1.21B	\$2.06B	\$2.45B	\$8.76B
LCTU	BlackRock U.S. Carbon Transition Readiness E..	(\$0.21B)	(\$0.43B)	(\$0.46B)	(\$0.54B)	\$1.16B
DVY	iShares Select Dividend ETF	(\$0.12B)	(\$0.76B)	(\$1.39B)	(\$3.50B)	\$17.71B
FVD	First Trust Value Line Dividend Index Fund	(\$0.12B)	(\$1.03B)	(\$1.84B)	(\$2.68B)	\$9.46B
IWS	iShares Russell Mid-Cap Value ETF	(\$0.11B)	(\$0.12B)	(\$0.24B)	(\$0.84B)	\$13.08B

* 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	-3.44%	38.80%	-0.50%	10.98%	41.95
XLI	Industrial Select Sector SPDR Fund	-3.85%	25.58%	-0.65%	9.15%	38.72
XLE	Energy Select Sector SPDR Fund	-4.03%	22.90%	4.12%	8.01%	50.99
SPY	SPDR S&P 500 ETF Trust	-4.32%	23.55%	-2.04%	7.19%	34.60
XLB	Materials Select Sector SPDR Fund	-4.36%	19.53%	-0.09%	6.77%	38.66
XLP	Consumer Staples Select Sector SPDR Fund	-5.06%	10.81%	-1.72%	1.63%	35.81
XLF	Financial Select Sector SPDR Fund	-5.77%	26.20%	-2.21%	8.46%	33.97
XLK	Technology Select Sector SPDR Fund	-5.77%	34.78%	-3.62%	7.00%	36.32
XLV	Health Care Select Sector SPDR Fund	-6.37%	12.42%	-4.37%	1.75%	27.63
XLY	Consumer Discretionary Select Sector SPDR Fund	-6.86%	19.45%	-4.41%	0.47%	32.84
XLU	Utilities Select Sector SPDR Fund	-7.61%	14.04%	1.43%	2.18%	49.41
XLRE	Real Estate Select Sector SPDR Fund	-11.78%	11.00%	-7.48%	-4.22%	27.27

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
KBWP	Invesco KBW Property & Casualty Insurance ETF	1.29%
KIE	SPDR S&P Insurance ETF	1.17%
MLPA	Global X MLP ETF	1.05%
IAK	iShares U.S. Insurance ETF	1.00%
IHF	iShares U.S. Healthcare Providers ETF	0.93%
MLPX	Global X MLP & Energy Infrastructure ETF	0.91%
AMLPL	Alerian MLP ETF	0.87%
REM	iShares Mortgage Real Estate ETF	0.84%
TPYP	Tortoise North American Pipeline Fund	0.84%
MORT	VanEck Mortgage REIT Income ETF	0.77%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
XME	SPDR S&P Metals & Mining ETF	57.55
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	51.41
XLE	Energy Select Sector SPDR Fund	50.99
IYE	iShares U.S. Energy ETF	50.59
UTES	Virtus Reaves Utilities ETF	50.35
FENY	Fidelity MSCI Energy Index ETF	50.28
FTXN	First Trust Nasdaq Oil & Gas ETF	49.85
VDE	Vanguard Energy ETF	49.78
XLU	Utilities Select Sector SPDR Fund	49.41
FCG	First Trust Natural Gas ETF	49.22

Sector & Industry 1 Day Performance Laggards

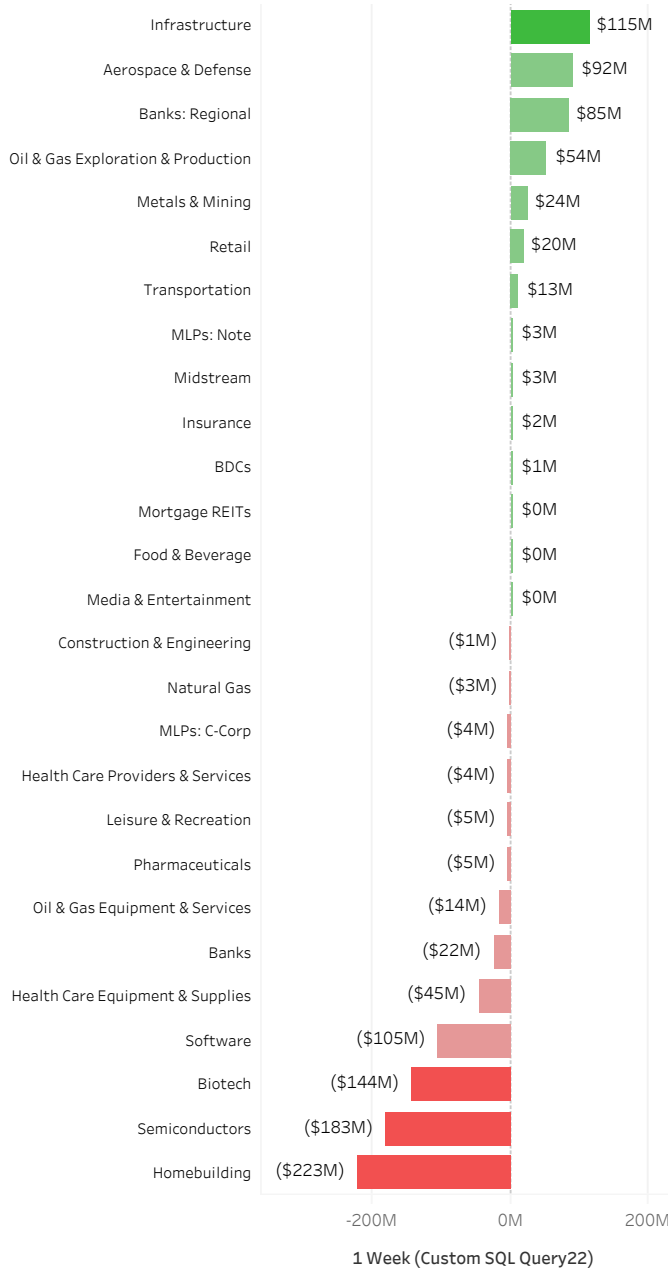
Ticker	Fund	1 Day Performance
PTH	Invesco Dorsey Wright Healthcare Momentum ETF	-2.42%
XSD	SPDR S&P Semiconductor ETF	-1.99%
PSI	Invesco Semiconductors ETF	-1.97%
SOXQ	Invesco PHLX Semiconductor ETF	-1.83%
SOXX	iShares Semiconductor ETF	-1.77%
FTXL	First Trust Nasdaq Semiconductor ETF	-1.68%
PBE	Invesco Biotechnology & Genome ETF	-1.56%
FBT	First Trust NYSE Arca Biotechnology Index Fund	-1.52%
XBI	SPDR S&P BIOTECH ETF	-1.38%
PXE	Invesco Energy Exploration & Production ETF	-1.25%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
IHE	iShares U.S. Pharmaceuticals ETF	23.47
INDS	Pacer Industrial Real Estate ETF	26.09
RSPH	Invesco S&P 500 Equal Weight Health Care ETF	26.14
IBB	iShares Biotechnology ETF	26.33
IYZ	iShares U.S. Telecommunications ETF	26.56
FHLC	Fidelity MSCI Health Care Index ETF	26.88
XLRE	Real Estate Select Sector SPDR Fund	27.27
IYH	iShares U.S. Healthcare ETF	27.55
XLV	Health Care Select Sector SPDR Fund	27.63
VHT	Vanguard Health Care ETF	27.84

* 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	\$23B	(\$222M)	\$30M	\$663M	\$2,404M
Consumer Discretionary	12	\$29B	(\$250M)	\$1,190M	\$1,314M	\$2,613M
Consumer Staples	10	\$24B	\$236M	(\$1,562M)	(\$4,549M)	(\$5,973M)
Energy	30	\$78B	\$92M	\$908M	(\$845M)	(\$2,981M)
Financials	26	\$63B	(\$112M)	(\$1,322M)	\$731M	(\$2,124M)
Health Care	23	\$85B	(\$387M)	(\$2,483M)	(\$4,421M)	(\$8,022M)
Industrial	13	\$41B	\$126M	\$1,973M	\$1,964M	\$3,091M
Materials	9	\$13B	(\$107M)	(\$71M)	(\$947M)	(\$2,978M)
Multi-Sector	16	\$23B	(\$137M)	\$1,315M	\$1,079M	\$3,335M
Real Estate	25	\$56B	(\$59M)	\$765M	\$2,980M	\$2,676M
Technology	23	\$188B	(\$109M)	\$5,168M	\$11,597M	\$11,989M
Utilities	9	\$19B	(\$30M)	(\$2,834M)	(\$3,195M)	(\$4,236M)

U.S. Sector & Industry Flow Leaders

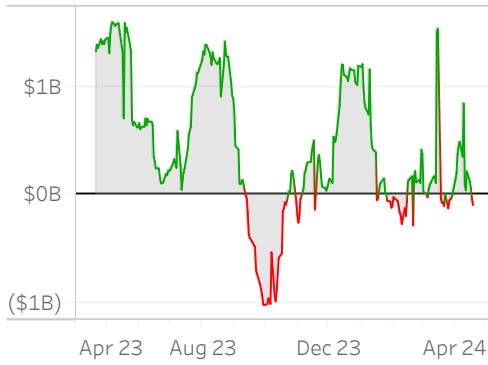
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLP	Consumer Staples Select Sector SPDR Fund	\$283M	(\$1,160M)	(\$3,219M)	(\$3,047M)	\$14,490M
IYW	iShares U.S. Technology ETF	\$178M	\$952M	\$2,388M	\$1,235M	\$15,956M
VGT	Vanguard Information Technology ETF	\$154M	\$1,731M	\$2,909M	\$2,823M	\$62,800M
KRE	SPDR S&P Regional Banking ETF	\$95M	(\$727M)	(\$180M)	(\$588M)	\$2,532M
ITA	iShares U.S. Aerospace & Defense ETF	\$83M	(\$92M)	\$36M	(\$470M)	\$6,005M
AIRR	First Trust RBA American Industrial Renaissan..	\$71M	\$215M	\$303M	\$473M	\$914M
IBB	iShares Biotechnology ETF	\$58M	(\$24M)	(\$92M)	(\$784M)	\$6,969M
RWR	SPDR Dow Jones REIT ETF	\$52M	\$44M	\$63M	(\$26M)	\$1,351M
PAVE	Global X U.S. Infrastructure Development ETF	\$42M	\$1,144M	\$992M	\$1,810M	\$7,290M
XOP	SPDR S&P Oil & Gas Exploration & Production E..	\$41M	\$205M	\$455M	\$0M	\$4,211M

U.S. Sector & Industry Flow Laggards

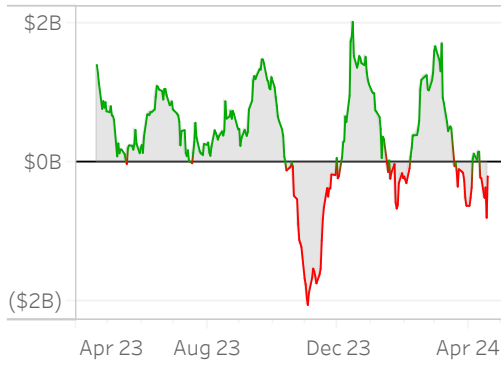
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLY	Consumer Discretionary Select Sector SPDR Fu..	(\$253M)	\$850M	\$1,254M	\$1,972M	\$19,024M
XLC	Communication Services Select Sector SPDR Fu..	(\$205M)	(\$60M)	\$730M	\$2,064M	\$17,519M
ITB	iShares U.S. Home Construction ETF	(\$204M)	\$360M	\$343M	\$278M	\$2,713M
XBI	SPDR S&P BIOTECH ETF	(\$202M)	(\$249M)	\$65M	(\$494M)	\$6,343M
SOXX	iShares Semiconductor ETF	(\$176M)	\$219M	\$596M	\$498M	\$11,899M
XLF	Financial Select Sector SPDR Fund	(\$160M)	\$218M	\$579M	(\$717M)	\$36,656M
XLB	Materials Select Sector SPDR Fund	(\$124M)	(\$256M)	(\$495M)	(\$761M)	\$5,610M
IGV	iShares Expanded Tech-Software Sector ETF	(\$106M)	(\$1,108M)	(\$753M)	(\$1,084M)	\$6,179M
IYR	iShares U.S. Real Estate ETF	(\$103M)	(\$298M)	\$1,124M	\$853M	\$3,620M
XLV	Health Care Select Sector SPDR Fund	(\$97M)	(\$1,693M)	(\$2,989M)	(\$3,659M)	\$37,597M

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

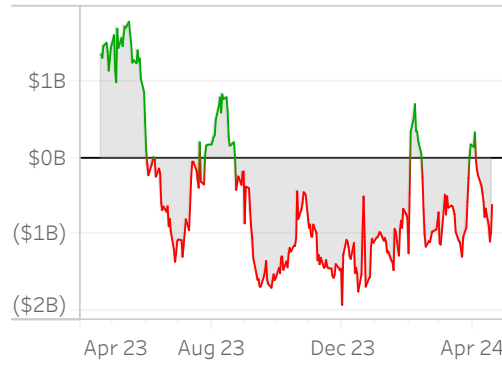
Communication Services



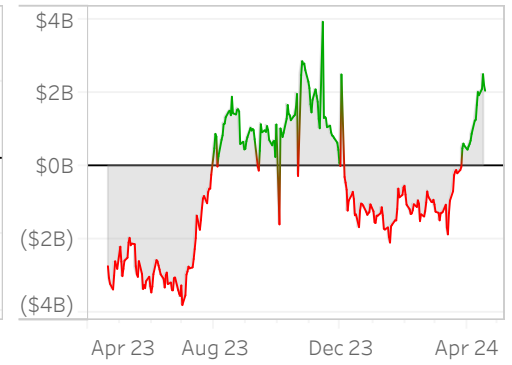
Consumer Discretionary



Consumer Staples



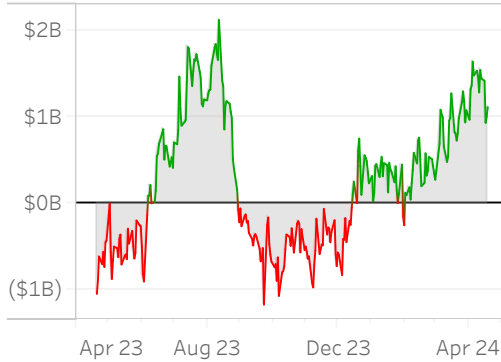
Energy



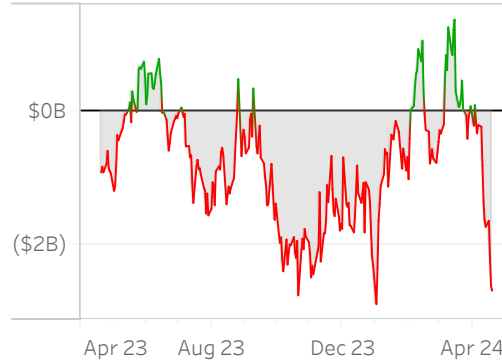
Financials



Industrial



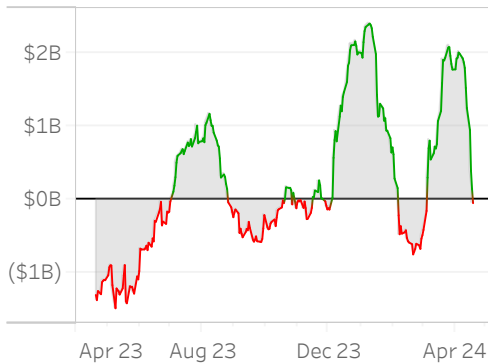
Health Care



Materials



Real Estate



Technology



Utilities

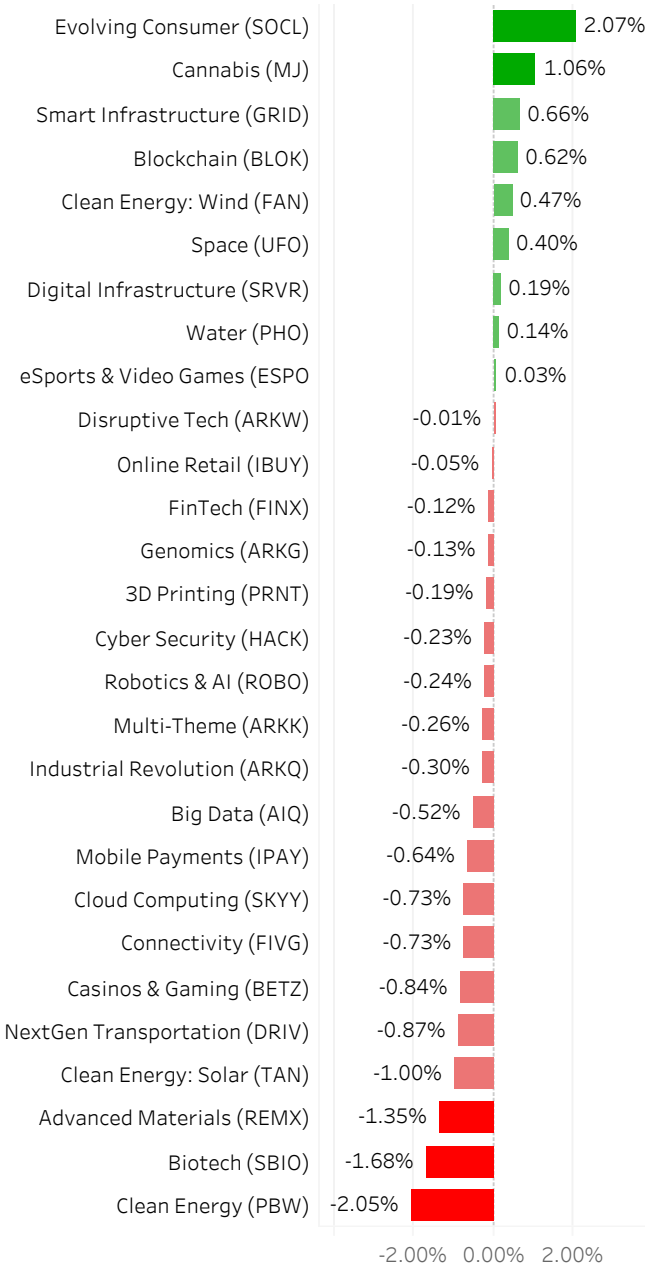


Multi-Sector

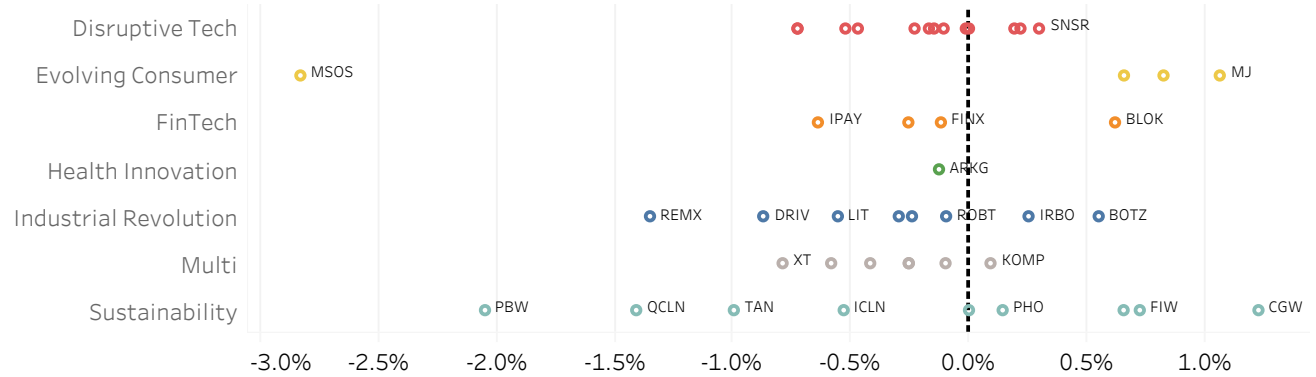


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	Performance
WGMI	Valkyrie Bitcoin Miners ETF	5.35%
FDIG	Fidelity Crypto Industry and Digital Payments ETF	3.79%
BKCH	Global X Blockchain ETF	3.45%
DAPP	VanEck Digital Transformation ETF	2.80%
BITQ	Bitwise Crypto Industry Innovators ETF	2.68%
SOCL	Global X Social Media ETF	2.07%
KARS	KraneShares Electric Vehicles & Future Mobility Index ETF	1.66%
CGW	Invesco S&P Global Water Index ETF	1.23%
MJ	Amplify Alternative Harvest ETF	1.06%
KWEB	KraneShares CSI China Internet ETF	0.83%

Thematic Most Overbought

Ticker	Fund	Price
MSOS	AdvisorShares Pure US Cannabis ETF	51.32
MJUS	Amplify U.S. Alternative Harvest ETF	49.51
REMX	VanEck Rare Earth/Strategic Metals ETF	46.63
MJ	Amplify Alternative Harvest ETF	45.87
KGRN	KraneShares MSCI China Clean Technology Index ETF	42.24
ENTR	ERShares Entrepreneurs ETF	40.36
LIT	Global X Lithium & Battery Tech ETF	40.34
KWEB	KraneShares CSI China Internet ETF	40.21
ONLN	ProShares Online Retail ETF	40.21
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	39.14

Global Thematic 1-Day Performance Laggards

Ticker	Fund	Performance
MSOS	AdvisorShares Pure US Cannabis ETF	-2.84%
MJUS	Amplify U.S. Alternative Harvest ETF	-2.59%
PBW	Invesco WilderHill Clean Energy ETF	-2.05%
SBIO	ALPS Medical Breakthroughs ETF	-1.68%
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	-1.41%
REMX	VanEck Rare Earth/Strategic Metals ETF	-1.35%
IDNA	iShares Genomics Immunology and Healthcare ETF	-1.13%
GNOM	Global X Genomics & Biotechnology ETF	-1.09%
LOUP	Innovator Deepwater Frontier Tech ETF	-1.04%
TAN	Invesco Solar ETF	-1.00%

Thematic Most Oversold

Ticker	Fund	Price
SRVR	Pacer Data & Infrastructure Real Estate ETF	22.98
ARKG	ARK Genomic Revolution ETF	24.39
DTCR	Global X Data Center And Digital Infrastructure ETF	24.61
IHAK	iShares Cybersecurity & Tech ETF	24.84
GNOM	Global X Genomics & Biotechnology ETF	25.29
IZRL	ARK Israel Innovative Technology ETF	26.40
ROBT	First Trust Nasdaq Artificial Intelligence & Robotics ETF	26.96
IRBO	iShares Robotics and Artificial Intelligence Multisector E..	27.05
BUG	Global X Cybersecurity ETF	27.07
CLOU	Global X Cloud Computing ETF	27.12

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Thematic 1 Week Flow Leaders

Ticker	Fund	Flow
ARKK	ARK Innovation ETF	\$57M
AIQ	Global X Artificial Intelligence & Technology ETF	\$36M
CGW	Invesco S&P Global Water Index ETF	\$26M
FFLC	Fidelity Fundamental Large Cap Core ETF	\$17M
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure Index	\$17M
MILN	Global X Millennial Consumer ETF	\$12M
PHO	Invesco Water Resources ETF	\$6M
MSOS	AdvisorShares Pure US Cannabis ETF	\$6M
LIT	Global X Lithium & Battery Tech ETF	\$4M
REMX	VanEck Rare Earth/Strategic Metals ETF	\$3M

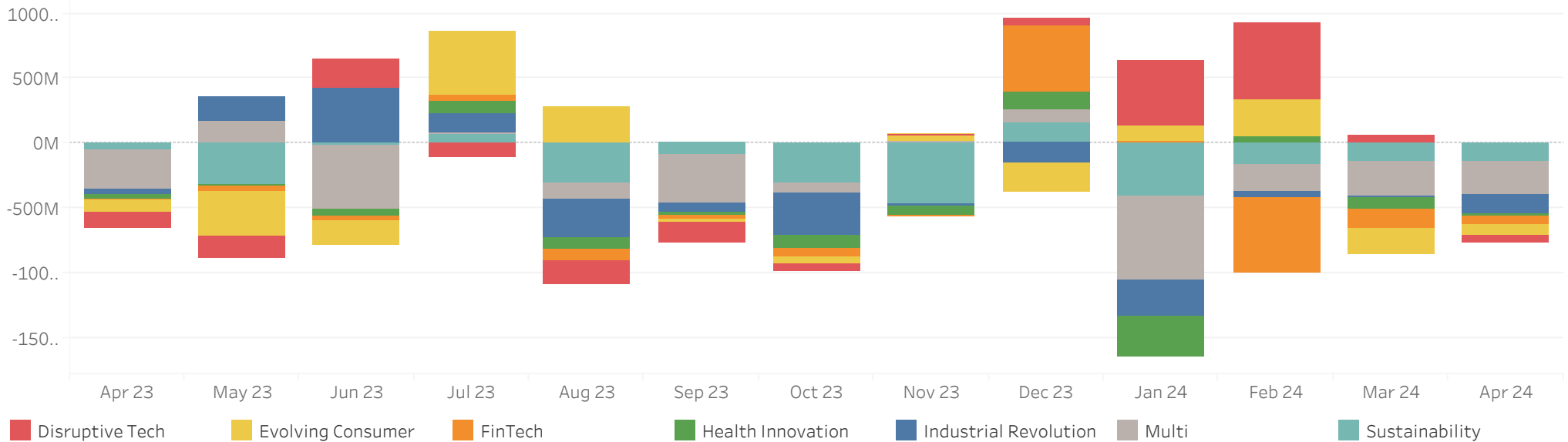
Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
KWEB	KraneShares CSI China Internet ETF	(\$79M)
ICLN	iShares Global Clean Energy ETF	(\$67M)
TAN	Invesco Solar ETF	(\$63M)
CLOU	Global X Cloud Computing ETF	(\$52M)
CIBR	First Trust NASDAQ Cybersecurity ETF	(\$45M)
BOTZ	Global X Robotics & Artificial Intelligence ETF	(\$20M)
ARKW	ARK Next Generation Internet ETF	(\$20M)
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	(\$11M)
ARKQ	ARK Autonomous Technology & Robotics ETF	(\$10M)
ARKF	ARK Fintech Innovation ETF	(\$10M)

Thematic Landscape Assets & Flows

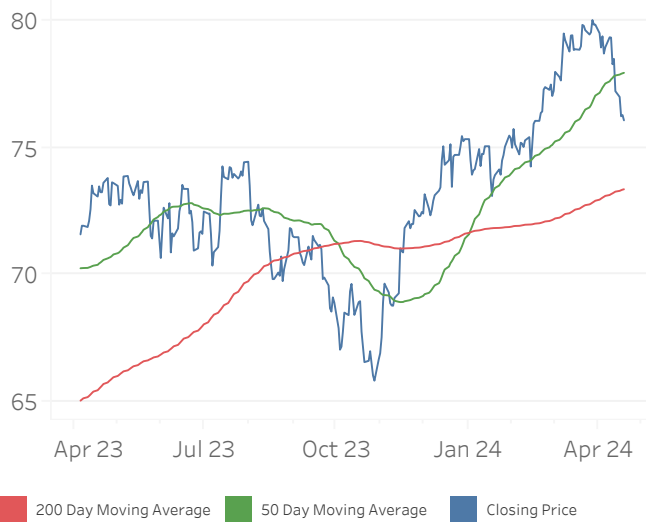
Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	33	\$19B	(\$113M)	\$1,006M	\$1,139M	\$577M
Evolving Consumer	34	\$9B	(\$66M)	\$150M	(\$68M)	\$54M
FinTech	17	\$3B	(\$20M)	(\$953M)	(\$281M)	(\$525M)
Health Innovation	17	\$2B	\$9M	(\$195M)	(\$388M)	(\$538M)
Industrial Revolution	29	\$9B	(\$41M)	(\$317M)	(\$728M)	(\$625M)
Multi	33	\$14B	\$49M	(\$924M)	(\$1,295M)	(\$2,436M)
Sustainability	39	\$12B	(\$88M)	(\$518M)	(\$1,358M)	(\$2,195M)
Grand Total	202	\$67B	(\$270M)	(\$1,753M)	(\$2,979M)	(\$5,687M)

Thematic Monthly Flows

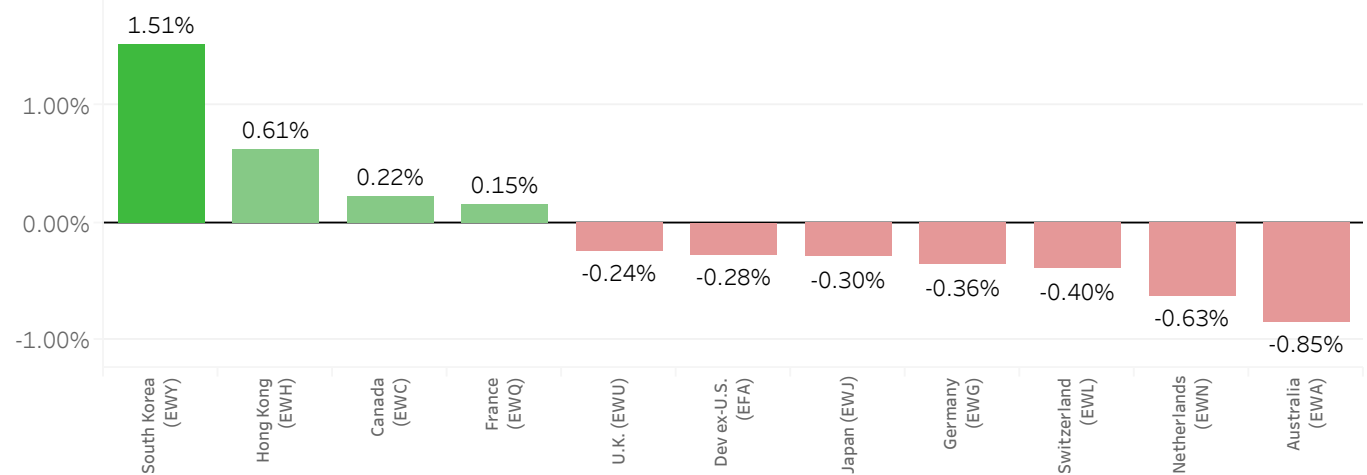


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

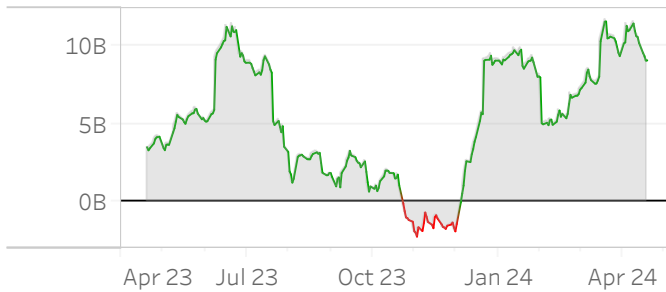
Developed ex-U.S. (EFA)



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



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



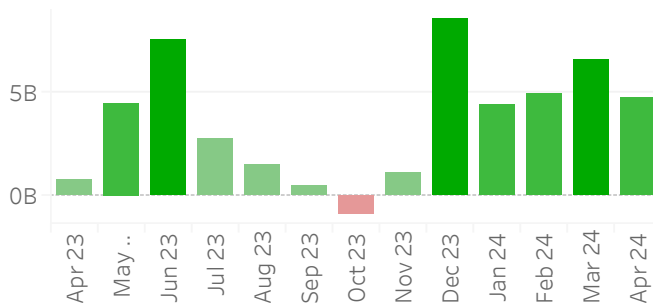
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EWY	iShares MSCI South Korea ETF	1.51%
FLKR	Franklin FTSE South Korea ETF	1.47%
GREK	Global X MSCI Greece ETF	1.45%
DISV	Dimensional International Small Cap Value ETF	1.03%
EWS	iShares MSCI Singapore ETF	0.84%
EWH	iShares MSCI Hong Kong ETF	0.61%
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	0.61%
AAXJ	iShares MSCI All Country Asia ex Japan ETF	0.59%
EWP	iShares MSCI Spain ETF	0.58%
GWX	SPDR S&P International Small Cap ETF	0.55%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
EWO	iShares MSCI Austria ETF	47.39
FDD	First Trust Stoxx European Select Dividend Index Fund	45.89
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	45.84
DXJ	WisdomTree Japan Hedged Equity Fund	45.78
ENZL	iShares MSCI New Zealand ETF	43.95
EWP	iShares MSCI Spain ETF	43.55
NORW	Global X MSCI Norway ETF	43.43
EWU	iShares MSCI United Kingdom ETF	42.62
FLJH	Franklin FTSE Japan Hedged ETF Franklin FTSE Japan Hed..	42.59
FLGB	Franklin FTSE United Kingdom ETF	42.49

Developed ex-U.S. Monthly Flows



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

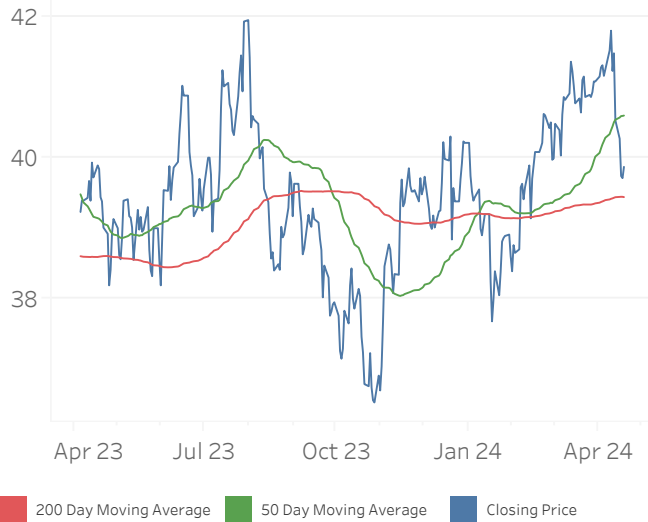
Ticker	Fund	1-Day Performance
ENZL	iShares MSCI New Zealand ETF	-1.48%
EDEN	iShares MSCI Denmark ETF	-1.06%
EWA	iShares MSCI Australia ETF	-0.85%
EFAD	ProShares MSCI EAFE Dividend Growers ETF	-0.76%
EWN	iShares MSCI Netherlands ETF	-0.63%
DAX	Global X DAX Germany ETF	-0.63%
NORW	Global X MSCI Norway ETF	-0.59%
IQDG	WisdomTree International Quality Dividend Growth Fund	-0.58%
BKCI	BNY Mellon Concentrated International ETF	-0.56%
IDMO	Invesco S&P International Developed Momentum ETF	-0.55%

Developed ex-U.S. Most Oversold

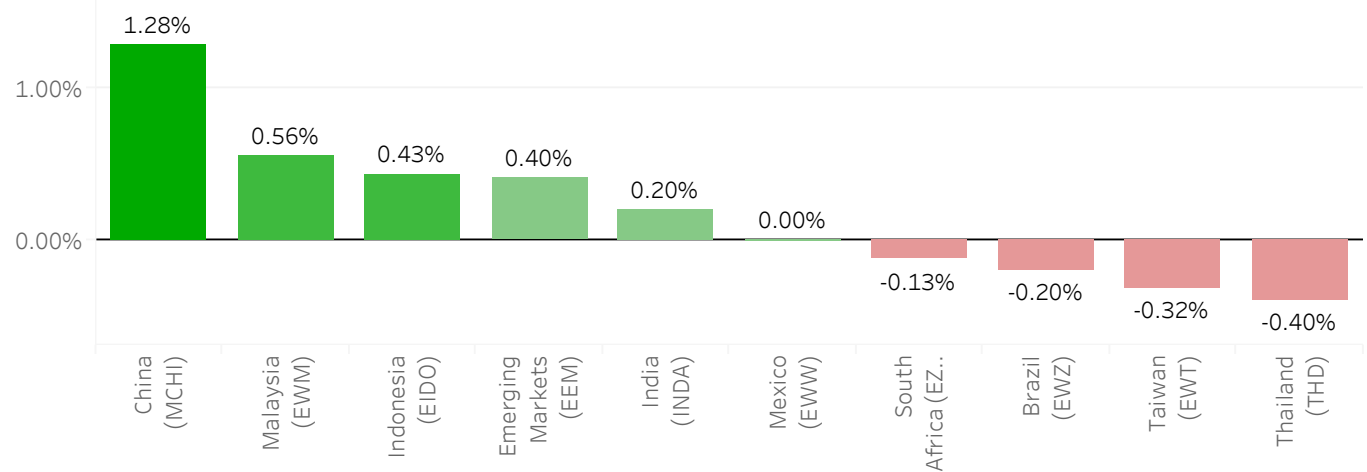
Ticker	Fund	Value
EWH	iShares MSCI Hong Kong ETF	26.40
EFAD	ProShares MSCI EAFE Dividend Growers ETF	26.59
EFAV	iShares MSCI EAFE Min Vol Factor ETF	27.48
TPIF	Timothy Plan International ETF	27.89
FDEV	Fidelity International Multifactor ETF	27.89
ISRA	VanEck Israel ETF	27.98
EUDG	WisdomTree Europe Quality Dividend Growth Fund	28.50
BKCI	BNY Mellon Concentrated International ETF	28.50
FLKR	Franklin FTSE South Korea ETF	28.60
EWY	iShares MSCI South Korea ETF	28.67

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

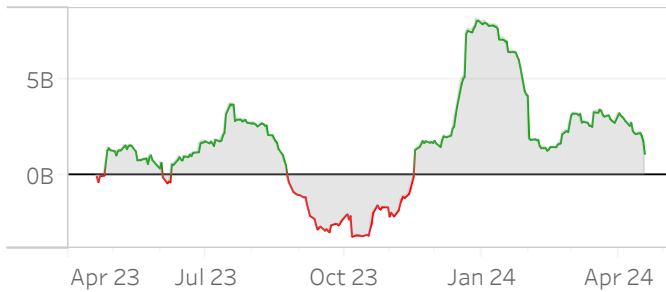
Emerging (EEM)



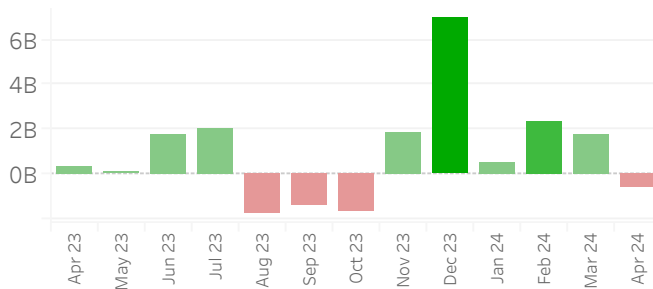
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
FXI	iShares China Large-Cap ETF	1.82%
ECH	iShares MSCI Chile ETF	1.47%
MCHI	iShares MSCI China ETF	1.28%
EPU	iShares MSCI Peru and Global Exposure ETF	1.22%
EPOL	iShares MSCI Poland ETF	1.13%
FLCH	Franklin FTSE China ETF	1.05%
GXC	SPDR S&P China ETF	1.02%
FDEM	Fidelity Emerging Markets Multifactor ETF	0.97%
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	0.86%
EPHE	iShares MSCI Philippines ETF	0.84%

Emerging Most Overbought

Ticker	Fund	Price
KBA	KraneShares Bosera MSCI China A 50 Connect Index E..	55.68
EPU	iShares MSCI Peru and Global Exposure ETF	54.34
TUR	iShares MSCI Turkey ETF	54.13
CNYA	iShares MSCI China A ETF	53.91
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	53.54
SMIN	iShares MSCI India Small Cap ETF	52.54
PIE	Invesco Dorsey Wright Emerging Markets Momentu..	50.91
EYLD	Cambria Emerging Shareholder Yield ETF	50.81
EPI	WisdomTree India Earnings Fund	48.66
DVYE	iShares Emerging Markets Dividend ETF	47.84

Emerging 1-Day Performance Laggards

Ticker	Fund	Performance
EWZS	iShares MSCI Brazil Small-Cap ETF	-0.62%
QAT	iShares MSCI Qatar ETF	-0.57%
FEMS	First Trust Emerging Markets Small Cap AlphaDEX Fund	-0.57%
KEMX	KraneShares MSCI Emerging Markets EX China Index ETF	-0.57%
DEHP	Dimensional Emerging Markets High Profitability ETF	-0.43%
NFTY	First Trust India NIFTY 50 Equal Weight ETF	-0.41%
THD	iShares MSCI Thailand ETF	-0.40%
FLN	First Trust Latin America AlphaDEX Fund	-0.36%
EWT	iShares MSCI Taiwan ETF	-0.32%
PIN	Invesco India ETF	-0.26%

Emerging Most Oversold

Ticker	Fund	Price
EPHE	iShares MSCI Philippines ETF	20.76
VNM	VanEck Vietnam ETF	21.88
EIDO	iShares MSCI Indonesia ETF	23.71
EWZS	iShares MSCI Brazil Small-Cap ETF	28.08
FDEM	Fidelity Emerging Markets Multifactor ETF	29.57
EELV	Invesco S&P Emerging Markets Low Volatility ETF	29.61
FLA	Franklin FTSE Latin America ETF	30.11
EEMV	iShares MSCI Emerging Markets Min Vol Factor ETF	30.77
FLN	First Trust Latin America AlphaDEX Fund	31.04
EWZ	iShares MSCI Brazil ETF	31.22

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

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	-0.28%	-1.48%	-3.15%
SHY	1-3 Year Treasury Bonds	-0.05%	-0.10%	-0.17%
IEF	7-10 Year Treasury Bonds	-0.35%	-1.76%	-4.18%
TLT	20+ Year Treasury Bonds	-0.50%	-3.81%	-9.29%
TIP	TIPS Bonds	-0.13%	-0.50%	-1.68%
FLOT	Floating Rate Bonds	0.06%	0.60%	2.30%
LQD	Investment Grade Corporate	-0.20%	-2.16%	-4.16%
HYG	High Yield Corporate	0.08%	-1.32%	-0.45%
BKLN	Senior Loan	0.14%	0.14%	1.68%
PFF	Preferred & Income Securities	-0.23%	-3.95%	0.05%
MUB	Municipal Bonds	0.03%	-0.94%	-1.15%
MBB	MBS	-0.32%	-1.71%	-3.73%
EMB	Dollar Denominated EM Bonds	-0.08%	-0.83%	-0.77%
LEMB	Local Currency EM Bond	-0.06%	-2.20%	-3.93%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	-0.04%	3.07%	5.79%
DBE	Energy	-0.67%	-0.57%	8.34%
USO	WTI Crude Oil	-0.16%	1.03%	18.20%
BNO	Brent Crude Oil	-0.37%	1.23%	17.32%
UNG	Natural Gas	0.28%	-6.00%	-28.90%
UGA	Gasoline	-0.78%	-0.65%	16.80%
DBP	Precious Metals	0.38%	10.82%	16.26%
GLD	Gold	0.34%	10.15%	15.26%
SLV	Silver	0.04%	12.88%	18.73%
PPLT	abrdrn Physical Platin..	-0.20%	2.69%	-5.02%
PALL	abrdrn Physical Palla..	-0.24%	-0.63%	-6.60%
DBB	Base Metals	1.36%	10.99%	9.84%
CPER	Copper	2.17%	7.84%	15.08%
DBA	Agriculture	2.05%	9.32%	25.02%
CORN	Corn	-0.97%	-2.36%	-9.69%
SOYB	Soybeans	-0.94%	-3.07%	-9.92%
WEAT	Wheat	-0.19%	-0.38%	-12.90%
CANE	Sugar	1.36%	-9.71%	-3.19%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.21%	3.07%	6.68%
UDN	Short Dollar	-0.23%	-2.26%	-3.91%
FXE	Euro	-0.24%	-1.87%	-2.87%
FXB	British Pound Sterling	-0.13%	-2.02%	-1.48%
FXF	Swiss Franc	-0.23%	-2.60%	-7.76%
FXJ	Japanese Yen	-0.18%	-3.61%	-9.00%
FXC	Canadian Dollar	0.03%	-1.46%	-3.02%
FXA	Australian Dollar	-0.20%	-1.94%	-5.30%

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