

Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

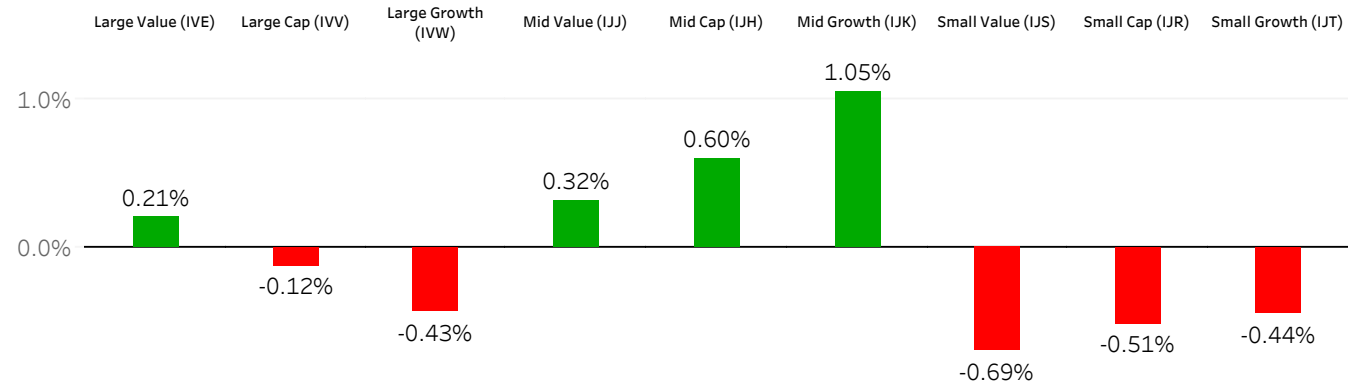


Small Cap Blend (S&P 600) IJR



■ 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
XMMO	Invesco S&P MidCap Momentum ETF	2.80%
XMHQ	Invesco S&P MidCap Quality ETF	1.97%
BUZZ	VanEck Social Sentiment ETF	1.55%
RFG	Invesco S&P Midcap 400 Pure Growth ETF	1.42%
RDIV	Invesco S&P Ultra Dividend Revenue ETF	1.14%
GRPM	Invesco S&P MidCap 400 GARP ETF	1.12%
IVOG	Vanguard S&P Mid-Cap 400 Growth ETF	1.10%
IJK	iShares S&P Mid-Cap 400 Growth ETF	1.05%
MDYG	SPDR S&P 400 Mid Cap Growth ETF	0.98%
DVY	iShares Select Dividend ETF	0.98%

Size & Style Most Overbought

Ticker	Fund	Value
RFG	Invesco S&P Midcap 400 Pure Growth ETF	81.29
SPMO	Invesco S&P 500 Momentum ETF	81.29
XMHQ	Invesco S&P MidCap Quality ETF	79.32
PALC	Pacer Lunt Large Cap Multi-Factor Alternator ETF	78.07
GLRY	Inspire Faithward Mid Cap Momentum ETF	77.66
BMVP	Invesco Bloomberg MVP Multi-factor ETF	77.60
IJK	iShares S&P Mid-Cap 400 Growth ETF	77.56
PDP	Invesco Dorsey Wright Momentum ETF	77.51
MDYG	SPDR S&P 400 Mid Cap Growth ETF	77.45
XMMO	Invesco S&P MidCap Momentum ETF	77.40

Size & Style 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
IWC	iShares Micro-Cap ETF	-1.39%
XSVM	Invesco S&P SmallCap Value with Momentum ETF	-1.33%
CALF	Pacer US Small Cap Cash Cows 100 ETF	-1.09%
OMFS	Invesco Russell 2000 Dynamic Multifactor ETF	-1.03%
FDM	First Trust Dow Jones Select MicroCap Index Fund	-0.93%
RZV	Invesco S&P Smallcap 600 Pure Value ETF	-0.92%
RZG	Invesco S&P Smallcap 600 Pure Growth ETF	-0.89%
FFTY	Innovator IBD 50 ETF	-0.79%
XSHQ	Invesco S&P SmallCap Quality ETF	-0.79%
LCG	Sterling Capital Focus Equity ETF	-0.74%

Size & Style Most Oversold

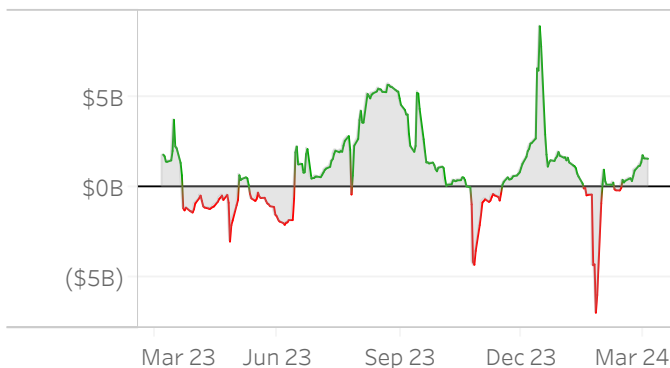
Ticker	Fund	Value
PEY	Invesco High Yield Equity Dividend Achievers ETF	44.82
SIXS	ETC 6 Meridian Small Cap Equity ETF	47.21
OMFS	Invesco Russell 2000 Dynamic Multifactor ETF	48.34
SVAL	iShares US Small Cap Value Factor ETF	48.85
SMDV	ProShares Russell 2000 Dividend Growers ETF	50.35
SLYV	SPDR S&P 600 Small Cap Value ETF	51.23
VIOV	Vanguard S&P Small-Cap 600 Value ETF	51.23
IJS	iShares S&P Small-Cap 600 Value ETF	51.30
FYT	First Trust Small Cap Value AlphaDEX Fund	51.37
EES	WisdomTree U.S. SmallCap Fund	51.60

* 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	\$1,834B	\$5.14B	\$66.74B	\$129.67B	\$196.59B
Large Cap, Beta, Beta: Growth	10	\$357B	\$0.84B	\$4.67B	\$16.16B	\$22.17B
Large Cap, Beta, Beta: Value	11	\$254B	\$0.05B	\$4.40B	\$8.19B	\$0.59B
Mid Cap, Beta, Beta	10	\$222B	\$0.28B	\$0.57B	\$2.23B	\$7.38B
Mid Cap, Beta, Beta: Growth	6	\$42B	\$0.12B	\$0.17B	\$0.70B	\$1.69B
Mid Cap, Beta, Beta: Value	6	\$41B	\$0.05B	(\$0.69B)	(\$1.35B)	(\$3.62B)
Small Cap, Beta, Beta	11	\$235B	(\$0.04B)	\$7.51B	\$12.60B	\$17.52B
Small Cap, Beta, Beta: Growth	7	\$40B	\$0.14B	\$1.38B	\$2.27B	\$2.46B
Small Cap, Beta, Beta: Value	7	\$54B	\$0.02B	\$0.62B	\$0.25B	(\$2.13B)

U.S. Size & Style Flow Leaders

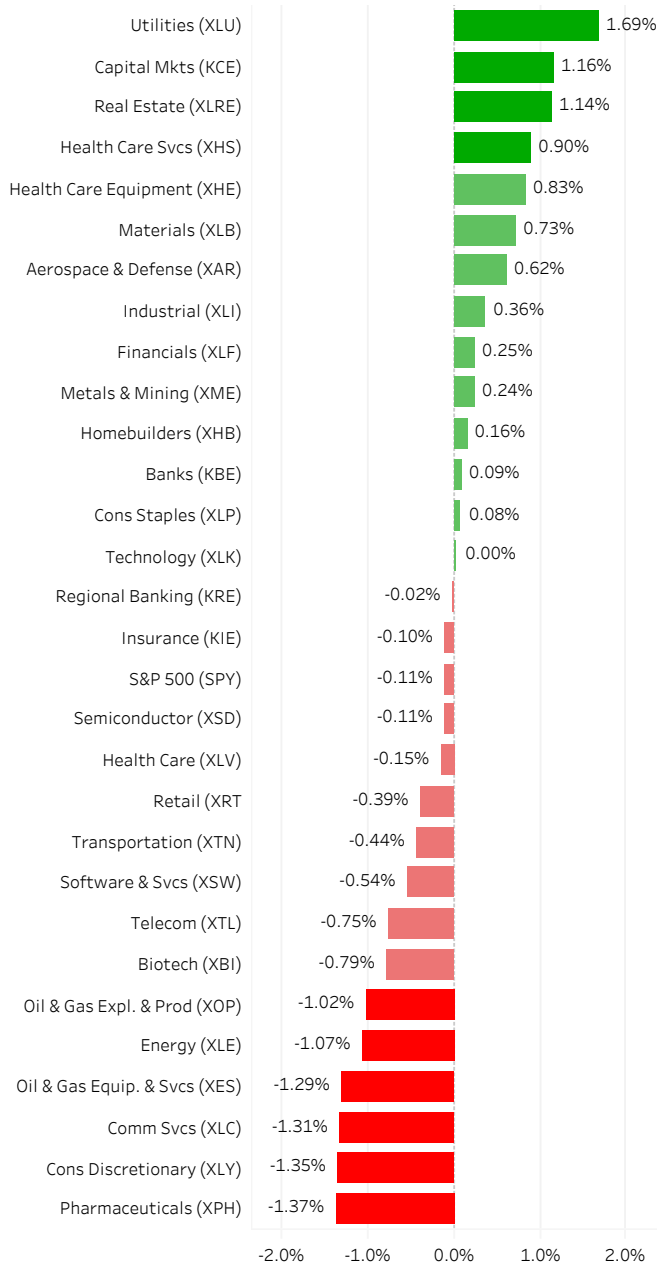
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IVV	iShares Core S&P 500 ETF	\$2.73B	\$23.00B	\$43.13B	\$58.68B	\$450.03B
VOO	Vanguard S&P 500 ETF	\$2.48B	\$20.05B	\$30.46B	\$57.69B	\$420.71B
VTI	Vanguard Total Stock Market ETF	\$1.95B	\$9.60B	\$16.17B	\$25.03B	\$380.70B
QQQ	Invesco QQQ Trust Series I	\$1.49B	\$6.55B	\$12.40B	\$18.33B	\$258.64B
RSP	Invesco S&P 500 Equal Weight ETF	\$0.55B	\$2.57B	\$4.56B	\$10.20B	\$50.95B
VUG	Vanguard Growth ETF	\$0.41B	\$2.74B	\$4.92B	\$4.97B	\$117.58B
SPLG	SPDR Portfolio S&P 500 ETF	\$0.37B	\$6.08B	\$8.89B	\$11.62B	\$32.65B
JEPQ	J.P. Morgan Nasdaq Equity Premium Income ..	\$0.32B	\$2.50B	\$4.83B	\$8.06B	\$10.97B
CALF	Pacer US Small Cap Cash Cows 100 ETF	\$0.20B	\$3.21B	\$4.84B	\$6.07B	\$9.10B
MDY	SPDR S&P Midcap 400 ETF Trust	\$0.18B	(\$0.11B)	(\$0.08B)	(\$0.74B)	\$21.28B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
USMV	iShares MSCI USA Min Vol Factor ETF	(\$0.55B)	(\$3.96B)	(\$6.20B)	(\$7.44B)	\$24.76B
DIA	SPDR Dow Jones Industrial Average ETF Trust	(\$0.23B)	(\$0.19B)	(\$0.07B)	(\$0.27B)	\$33.41B
IWM	iShares Russell 2000 ETF	(\$0.21B)	\$0.22B	\$3.80B	\$3.75B	\$62.79B
PWB	Invesco Large Cap Growth ETF	(\$0.18B)	\$0.01B	\$0.02B	\$0.02B	\$0.84B
IWF	iShares Russell 1000 Growth ETF	(\$0.15B)	(\$0.61B)	\$2.43B	\$2.10B	\$88.81B
SPTM	SPDR Portfolio S&P 1500 Composite Stock Ma..	(\$0.11B)	\$0.18B	\$0.36B	\$0.64B	\$8.10B
VLUE	iShares MSCI USA Value Factor ETF	(\$0.10B)	\$0.05B	(\$0.10B)	(\$1.06B)	\$7.08B
VXF	Vanguard Extended Market ETF	(\$0.09B)	(\$0.22B)	\$0.18B	\$0.86B	\$18.27B
FVD	First Trust Value Line Dividend Index Fund	(\$0.09B)	(\$0.91B)	(\$1.80B)	(\$2.33B)	\$10.18B
SPYV	SPDR Portfolio S&P 500 Value ETF	(\$0.08B)	\$0.69B	\$1.80B	\$1.30B	\$20.50B

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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)
XLB	Materials Select Sector SPDR Fund	0.00%	18.99%	5.22%	8.52%	72.64
XLF	Financial Select Sector SPDR Fund	0.00%	30.37%	4.46%	14.29%	69.32
XLI	Industrial Select Sector SPDR Fund	0.00%	26.46%	5.85%	13.07%	76.43
XLK	Technology Select Sector SPDR Fund	0.00%	47.13%	5.93%	17.15%	66.64
SPY	SPDR S&P 500 ETF Trust	-0.11%	31.36%	4.83%	12.81%	70.15
XLV	Health Care Select Sector SPDR Fund	-1.18%	18.66%	3.07%	9.16%	60.14
XLRE	Real Estate Select Sector SPDR Fund	-1.26%	24.23%	2.81%	7.85%	65.49
XLY	Consumer Discretionary Select Sector SPDR Fund	-1.35%	29.14%	3.10%	7.95%	58.32
XLC	Communication Services Select Sector SPDR Fund	-1.53%	43.56%	3.37%	13.84%	53.78
XLP	Consumer Staples Select Sector SPDR Fund	-3.85%	12.53%	1.96%	3.53%	60.98
XLE	Energy Select Sector SPDR Fund	-7.66%	12.56%	2.73%	1.36%	57.13
XLU	Utilities Select Sector SPDR Fund	-10.30%	11.69%	1.22%	-0.33%	58.28

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
KBWB	Invesco KBW Bank ETF	1.83%
IAT	iShares U.S. Regional Banks ETF	1.79%
RSPU	Invesco S&P 500 Equal Weight Utilities ETF	1.78%
FUTY	Fidelity MSCI Utilities Index ETF	1.73%
XLU	Utilities Select Sector SPDR Fund	1.69%
VPU	Vanguard Utilities ETF	1.67%
IAI	iShares U.S. Broker-Dealers & Securities Exchange..	1.64%
FXU	First Trust Utilities AlphaDEX Fund	1.56%
IDU	iShares U.S. Utilities ETF	1.56%
REZ	iShares Residential and Multisector Real Estate E..	1.52%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
PPA	Invesco Aerospace & Defense ETF	82.43
PRN	Invesco Dorsey Wright Industrials Momentum ETF	76.52
XLI	Industrial Select Sector SPDR Fund	76.43
PAVE	Global X U.S. Infrastructure Development ETF	76.26
PSL	Invesco Dorsey Wright Consumer Staples Momentum ETF	75.45
VIS	Vanguard Industrials ETF	75.31
RSPN	Invesco S&P 500 Equal Weight Industrials ETF	75.16
FIDU	Fidelity MSCI Industrial Index ETF	74.64
SOXQ	Invesco PHLX Semiconductor ETF	74.54
SOXX	iShares Semiconductor ETF	74.21

Sector & Industry 1 Day Performance Laggards

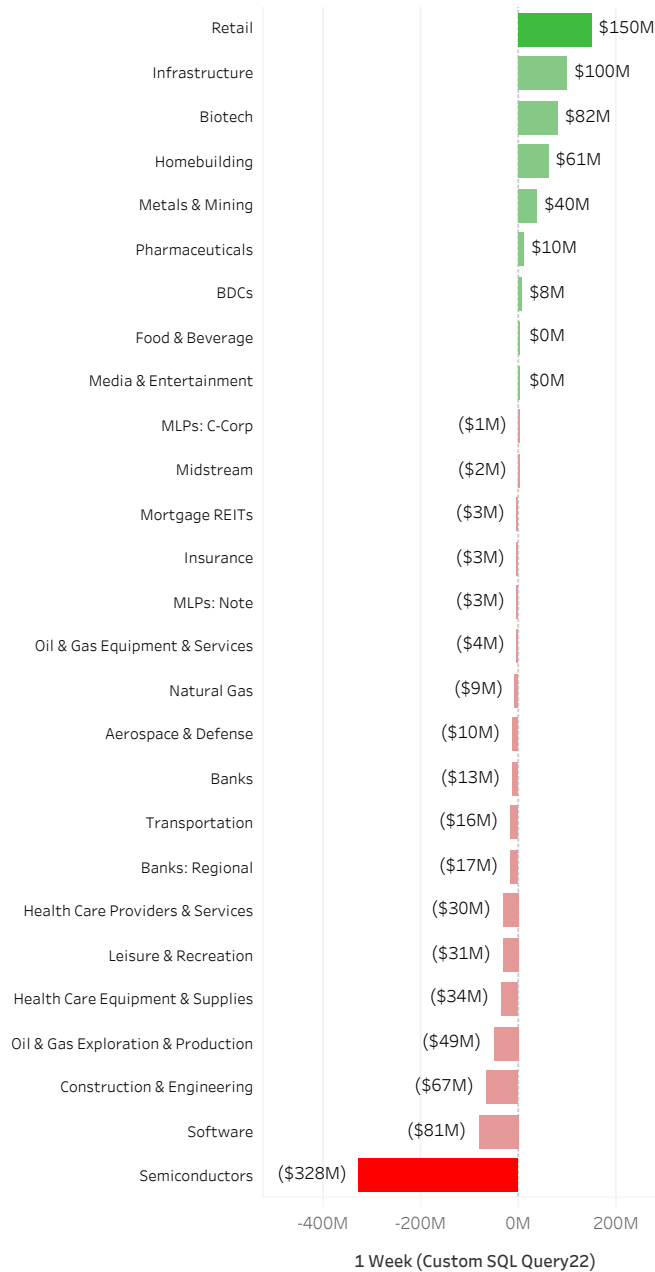
Ticker	Fund	1 Day Performance
MORT	VanEck Mortgage REIT Income ETF	-2.04%
REM	iShares Mortgage Real Estate ETF	-2.04%
PXJ	Invesco Oil & Gas Services ETF	-1.83%
FCOM	Fidelity MSCI Communication Services Index ETF	-1.46%
PSCE	Invesco S&P SmallCap Energy ETF	-1.44%
VOX	Vanguard Communication Services ETF	-1.41%
XPH	SPDR S&P Pharmaceuticals ETF	-1.37%
XLY	Consumer Discretionary Select Sector SPDR Fund	-1.35%
XLC	Communication Services Select Sector SPDR Fund	-1.31%
XES	SPDR S&P Oil & Gas Equipment & Services ETF	-1.29%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
KBWR	Invesco KBW Regional Banking ETF	41.46
QABA	First Trust NASDAQ ABA Community Bank Index Fund	42.14
RSPC	Invesco S&P 500 Equal Weight Communication Services E..	43.35
IYZ	iShares U.S. Telecommunications ETF	43.46
PSCC	Invesco S&P SmallCap Consumer Staples ETF	43.86
KRE	SPDR S&P Regional Banking ETF	43.99
IHF	iShares U.S. Healthcare Providers ETF	45.91
KBWY	Invesco KBW Premium Yield Equity REIT ETF	45.92
XTL	SPDR S&P Telecom ETF	45.92
MORT	VanEck Mortgage REIT Income ETF	46.68

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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	\$15M	\$77M	\$638M	\$3,758M
Consumer Discretionary	12	\$32B	\$402M	\$1,661M	\$1,901M	\$4,625M
Consumer Staples	10	\$25B	\$24M	(\$2,189M)	(\$4,679M)	(\$4,084M)
Energy	30	\$72B	(\$240M)	(\$3,102M)	(\$808M)	(\$8,029M)
Financials	26	\$64B	(\$508M)	(\$518M)	(\$2,679M)	(\$2,349M)
Health Care	23	\$94B	\$235M	(\$281M)	(\$4,468M)	(\$7,011M)
Industrial	13	\$39B	\$299M	\$893M	\$114M	\$1,153M
Materials	9	\$11B	(\$46M)	(\$1,076M)	(\$1,894M)	(\$4,055M)
Multi-Sector	16	\$23B	\$47M	\$749M	\$203M	\$3,260M
Real Estate	25	\$60B	\$577M	\$1,320M	\$2,033M	\$400M
Technology	23	\$197B	(\$622M)	\$4,284M	\$9,117M	\$11,145M
Utilities	9	\$19B	(\$314M)	(\$2,088M)	(\$3,427M)	(\$2,981M)

U.S. Sector & Industry Flow Leaders

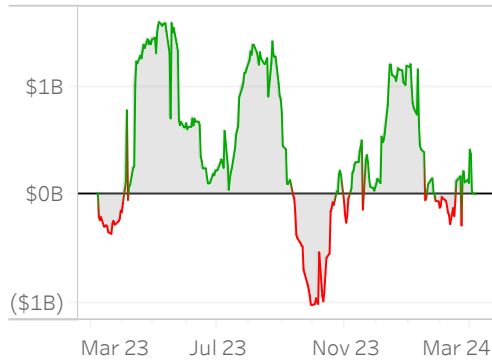
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IYR	iShares U.S. Real Estate ETF	\$280M	(\$390M)	\$427M	\$37M	\$3,418M
XLV	Consumer Discretionary Select Sector SPDR Fu..	\$266M	\$1,271M	\$1,889M	\$3,205M	\$21,042M
XLI	Industrial Select Sector SPDR Fund	\$236M	\$133M	(\$336M)	\$80M	\$16,981M
VNQ	Vanguard Real Estate ETF	\$199M	\$877M	(\$6M)	(\$653M)	\$33,703M
XRT	SPDR S&P Retail ETF	\$150M	\$58M	\$116M	\$182M	\$570M
XLV	Health Care Select Sector SPDR Fund	\$132M	(\$280M)	(\$2,975M)	(\$2,904M)	\$41,098M
XBI	SPDR S&P BIOTECH ETF	\$94M	(\$10M)	\$359M	(\$421M)	\$8,083M
PAVE	Global X U.S. Infrastructure Development ETF	\$78M	\$341M	\$308M	\$1,228M	\$6,566M
IYF	iShares U.S. Financials ETF	\$72M	\$305M	\$274M	\$125M	\$2,474M
RWR	SPDR Dow Jones REIT ETF	\$46M	\$30M	\$8M	(\$148M)	\$1,415M

U.S. Sector & Industry Flow Laggards

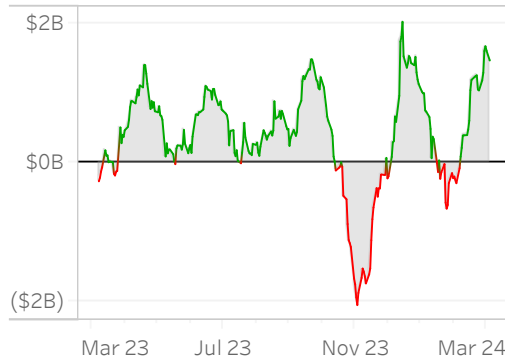
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLV	Financial Select Sector SPDR Fund	(\$382M)	\$545M	(\$1,274M)	(\$261M)	\$36,907M
XLU	Utilities Select Sector SPDR Fund	(\$291M)	(\$1,963M)	(\$2,509M)	(\$1,658M)	\$11,679M
SOXX	iShares Semiconductor ETF	(\$221M)	\$268M	\$421M	\$857M	\$12,712M
VFH	Vanguard Financials ETF	(\$152M)	(\$621M)	(\$1,008M)	(\$801M)	\$9,060M
XLE	Energy Select Sector SPDR Fund	(\$137M)	(\$2,522M)	(\$716M)	(\$4,847M)	\$36,133M
PSI	Invesco Semiconductors ETF	(\$105M)	(\$9M)	(\$33M)	(\$11M)	\$779M
IGV	iShares Expanded Tech-Software Sector ETF	(\$86M)	(\$310M)	(\$310M)	\$144M	\$7,754M
PKB	Invesco Building & Construction ETF	(\$67M)	\$7M	(\$34M)	\$25M	\$286M
XLB	Materials Select Sector SPDR Fund	(\$65M)	(\$793M)	(\$986M)	(\$1,234M)	\$4,963M
XOP	SPDR S&P Oil & Gas Exploration & Production E..	(\$41M)	\$16M	(\$178M)	(\$227M)	\$3,579M

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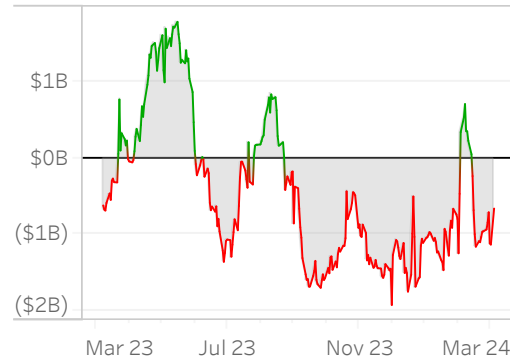
Communication Services



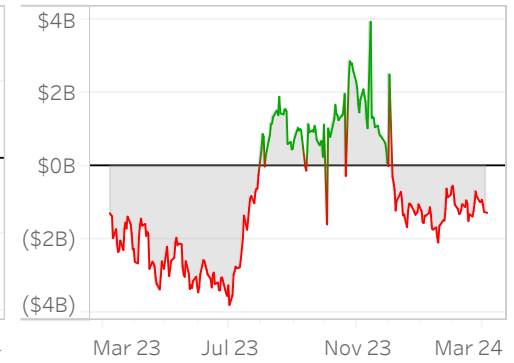
Consumer Discretionary



Consumer Staples



Energy



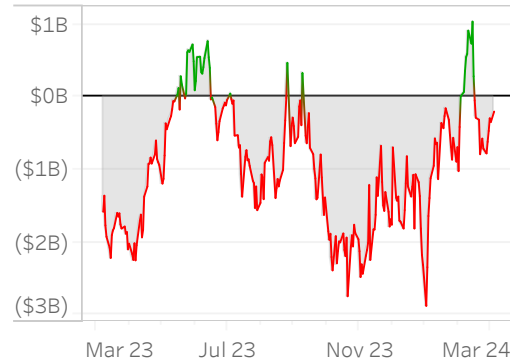
Financials



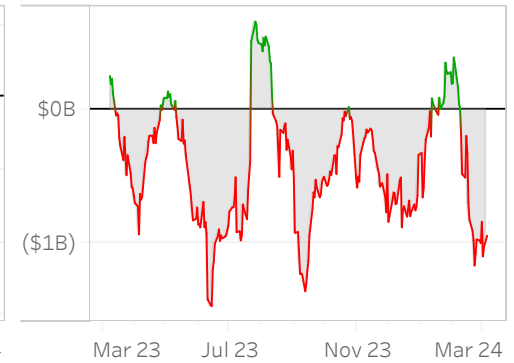
Industrial



Health Care



Materials



Real Estate



Technology



Utilities

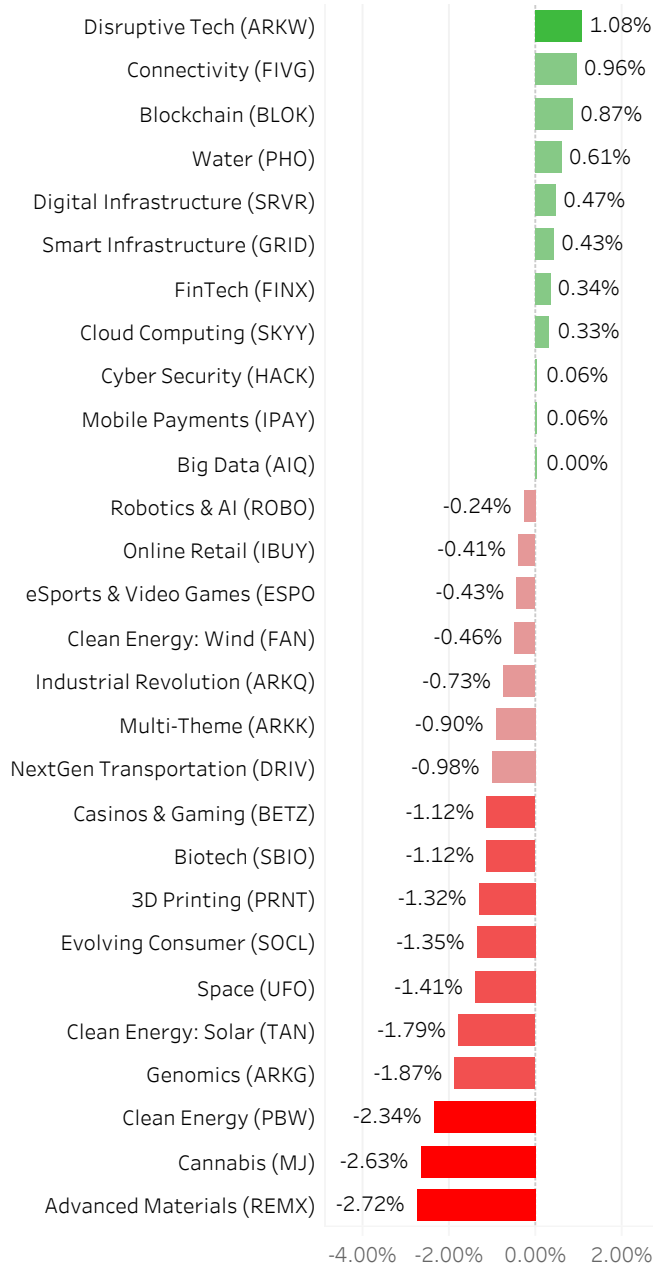


Multi-Sector

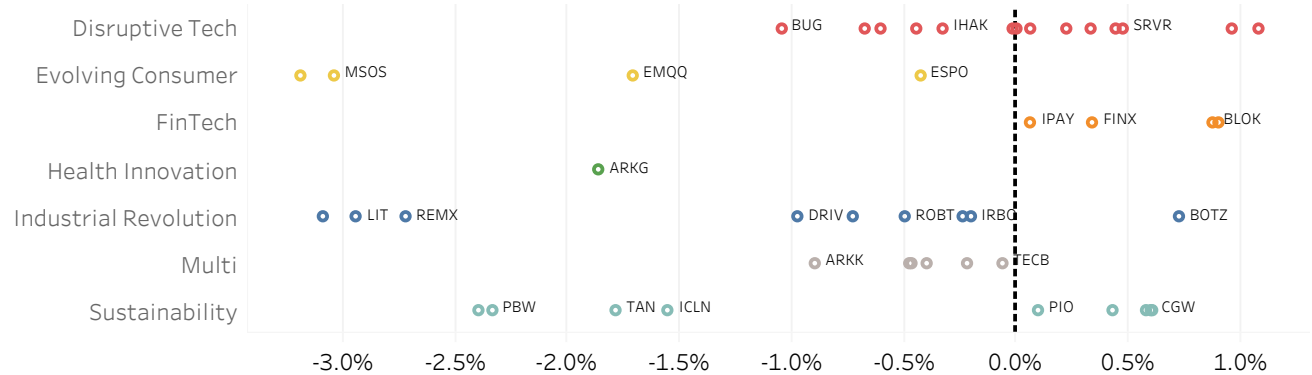


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
BITQ	Bitwise Crypto Industry Innovators ETF	2.28%
BLCN	Siren ETF Trust Siren Nasdaq NexGen Economy ETF	1.89%
ENTR	ERShares Entrepreneurs ETF	1.70%
FCLD	Fidelity Cloud Computing ETF	1.59%
VPN	Global X Data Center REITs & Digital Infrastructure ETF	1.47%
ARKW	ARK Next Generation Internet ETF	1.08%
AGNG	Global X Aging Population ETF	1.01%
FIVG	Defiance Next Gen Connectivity ETF	0.96%
QTUM	Defiance Quantum ETF	0.92%
ARKF	ARK Fintech Innovation ETF	0.90%

Thematic Most Overbought

Ticker	Fund	Price
PIO	Invesco Global Water ETF	77.81
EVX	VanEck Environmental Services ETF	77.45
QTUM	Defiance Quantum ETF	76.35
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure ..	75.98
FIVG	Defiance Next Gen Connectivity ETF	74.28
PHO	Invesco Water Resources ETF	74.02
AGNG	Global X Aging Population ETF	72.93
KLDW	Knowledge Leaders Developed World ETF	72.14
EBLU	Ecofin Global Water ESG Fund	71.62
FIW	First Trust Water ETF	71.50

Global Thematic 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
WGMI	Valkyrie Bitcoin Miners ETF	-5.45%
MJUS	Amplify U.S. Alternative Harvest ETF	-3.48%
KGRN	KraneShares MSCI China Clean Technology Index ETF	-3.44%
KWEB	KraneShares CSI China Internet ETF	-3.19%
IDRV	iShares Self-driving EV & Tech ETF	-3.09%
MSOS	AdvisorShares Pure US Cannabis ETF	-3.04%
LIT	Global X Lithium & Battery Tech ETF	-2.95%
REMX	VanEck Rare Earth/Strategic Metals ETF	-2.72%
SMOG	VanEck Low Carbon Energy ETF	-2.72%
KARS	KraneShares Electric Vehicles & Future Mobility Index ..	-2.64%

Thematic Most Oversold

Ticker	Fund	Price
MJ	Amplify Alternative Harvest ETF	40.72
PRNT	3D Printing ETF	43.60
PBW	Invesco WilderHill Clean Energy ETF	43.86
MJUS	Amplify U.S. Alternative Harvest ETF	44.10
ACES	ALPS Clean Energy ETF	45.25
MSOS	AdvisorShares Pure US Cannabis ETF	45.50
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	46.03
ICLN	iShares Global Clean Energy ETF	46.25
TAN	Invesco Solar ETF	46.45
HERO	Global X Video Games & Esports ETF	47.07

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Thematic 1 Week Flow Leaders

Ticker	Fund	Flow
AIQ	Global X Artificial Intelligence & Technology ETF	\$57M
KWEB	KraneShares CSI China Internet ETF	\$54M
BOTZ	Global X Robotics & Artificial Intelligence ETF	\$41M
CIBR	First Trust NASDAQ Cybersecurity ETF	\$31M
ROBT	First Trust Nasdaq Artificial Intelligence & Robotics ETF	\$27M
IHAK	iShares Cybersecurity & Tech ETF	\$10M
QTUM	Defiance Quantum ETF	\$9M
IRBO	iShares Robotics and Artificial Intelligence Multisector ETF	\$7M
FFLC	Fidelity Fundamental Large Cap Core ETF	\$6M
XT	iShares Exponential Technologies ETF	\$6M

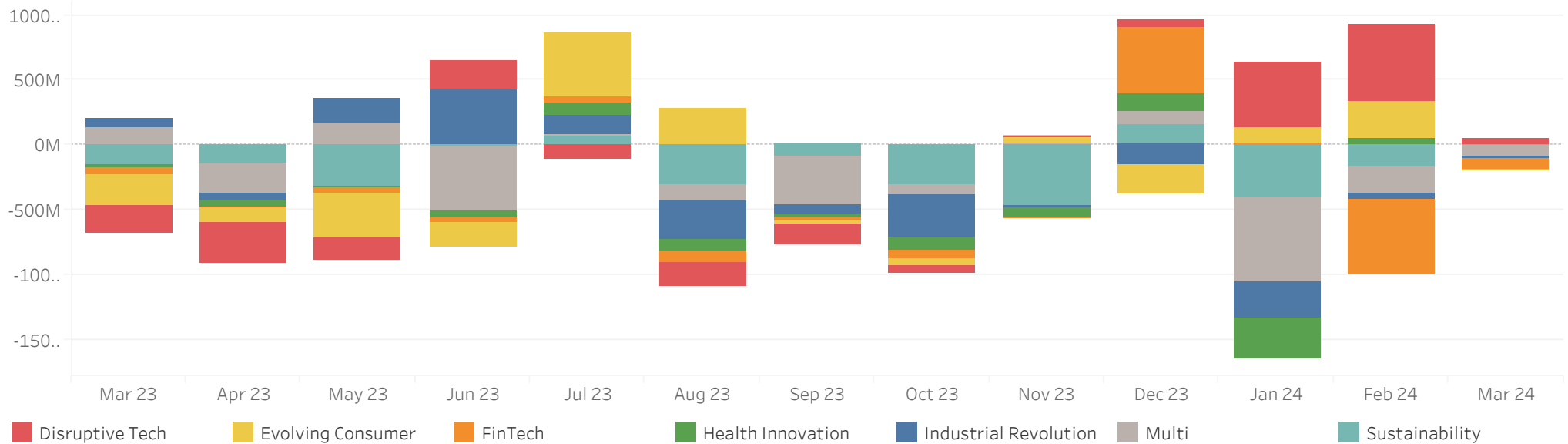
Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
BLOK	Amplify Transformational Data Sharing ETF	(\$234M)
ARKK	ARK Innovation ETF	(\$98M)
WCLD	WisdomTree Cloud Computing Fund	(\$46M)
XITK	SPDR FactSet Innovative Technology ETF	(\$30M)
ARKW	ARK Next Generation Internet ETF	(\$20M)
IBUY	Amplify Online Retail ETF	(\$17M)
DRIV	Global X Autonomous & Electric Vehicles ETF	(\$14M)
ARKG	ARK Genomic Revolution ETF	(\$14M)
TAN	Invesco Solar ETF	(\$14M)
WGMI	Valkyrie Bitcoin Miners ETF	(\$11M)

Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	33	\$21B	\$6M	\$1,209M	\$980M	\$225M
Evolving Consumer	34	\$9B	(\$16M)	\$182M	\$168M	\$79M
FinTech	17	\$3B	(\$224M)	(\$179M)	(\$226M)	(\$445M)
Health Innovation	17	\$3B	\$3M	(\$151M)	(\$319M)	(\$442M)
Industrial Revolution	30	\$10B	\$22M	(\$515M)	(\$930M)	(\$449M)
Multi	33	\$16B	(\$101M)	(\$639M)	(\$1,125M)	(\$1,781M)
Sustainability	39	\$12B	(\$37M)	(\$422M)	(\$1,293M)	(\$2,162M)
Grand Total	203	\$74B	(\$348M)	(\$516M)	(\$2,745M)	(\$4,977M)

Thematic Monthly Flows

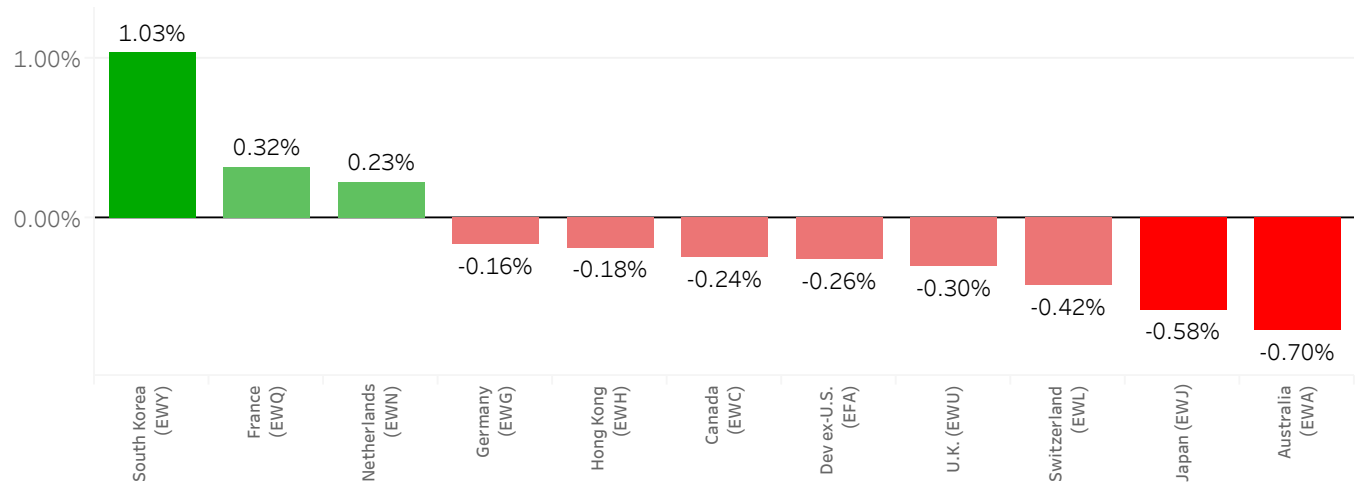


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

Developed ex-U.S. (EFA)



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



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



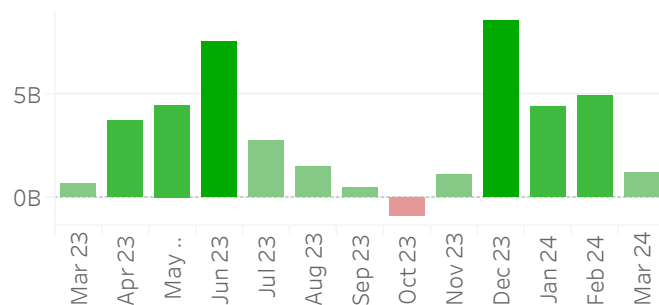
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EWY	iShares MSCI South Korea ETF	1.03%
FLKR	Franklin FTSE South Korea ETF	0.89%
AIA	iShares Asia 50 ETF	0.78%
GREK	Global X MSCI Greece ETF	0.69%
EDEN	iShares MSCI Denmark ETF	0.55%
EIRL	iShares MSCI Ireland ETF	0.45%
MINV	Matthews Asia Innovators Active ETF	0.42%
EWQ	iShares MSCI France ETF	0.32%
FEZ	SPDR EURO STOXX 50 ETF	0.31%
PIZ	Invesco Dorsey Wright Developed Markets Momentum ETF	0.30%

Developed ex-U.S. Most Overbought

Ticker	Fund	Price
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	84.32
DXJ	WisdomTree Japan Hedged Equity Fund	82.00
HEDJ	WisdomTree Europe Hedged Equity Fund	80.07
HEWJ	iShares Currency Hedged MSCI Japan ETF	79.91
IMTM	iShares MSCI Intl Momentum Factor ETF	78.50
IHDG	WisdomTree International Hedged Quality Dividend Grow..	75.86
IDMO	Invesco S&P International Developed Momentum ETF	75.63
FEZ	SPDR EURO STOXX 50 ETF	74.98
DBEF	Xtrackers MSCI EAFE Hedged Equity ETF	74.82
HEZU	iShares Currency Hedged MSCI Eurozone ETF	74.06

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
FJP	First Trust Japan AlphaDEX Fund	-1.39%
IMFL	Invesco International Developed Dynamic Multifactor ETF	-1.29%
EWD	iShares MSCI Sweden ETF	-1.18%
DFJ	WisdomTree Japan SmallCap Dividend Fund	-1.12%
ENZL	iShares MSCI New Zealand ETF	-1.08%
ICOW	Pacer Developed Markets International Cash Cows 100 ETF	-0.98%
ISRA	VanEck Israel ETF	-0.92%
SCJ	iShares MSCI Japan Small-Cap ETF	-0.91%
EIS	iShares MSCI Israel ETF	-0.89%
GWX	SPDR S&P International Small Cap ETF	-0.86%

Developed ex-U.S. Most Oversold

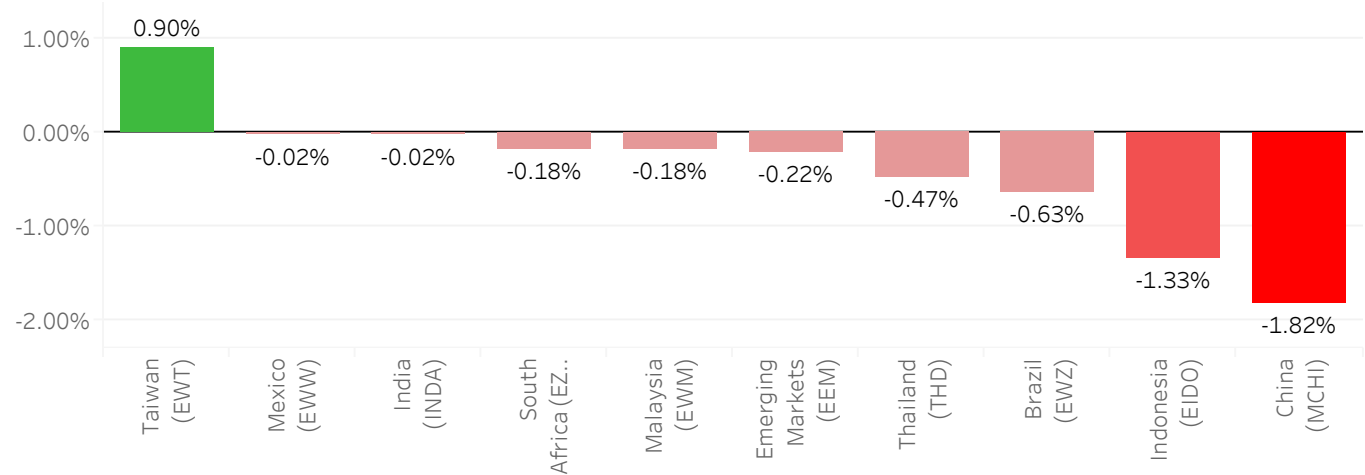
Ticker	Fund	Price
FDD	First Trust Stoxx European Select Dividend Index Fu..	42.96
ENZL	iShares MSCI New Zealand ETF	43.78
EWO	iShares MSCI Austria ETF	44.88
EWS	iShares MSCI Singapore ETF	46.63
EWL	iShares MSCI Switzerland ETF	48.29
EWK	iShares MSCI Hong Kong ETF	48.39
IDLV	Invesco S&P International Developed Low Volatility ..	48.95
AIVI	WisdomTree International AI Enhanced Value Fund	49.15
IDV	iShares International Select Dividend ETF	50.71
IDOG	ALPS International Sector Dividend Dogs ETF	50.98

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

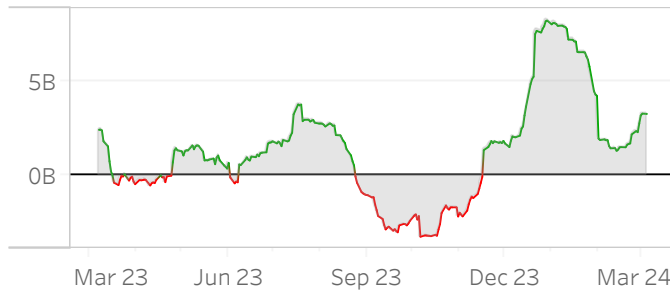
Emerging (EEM)



Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



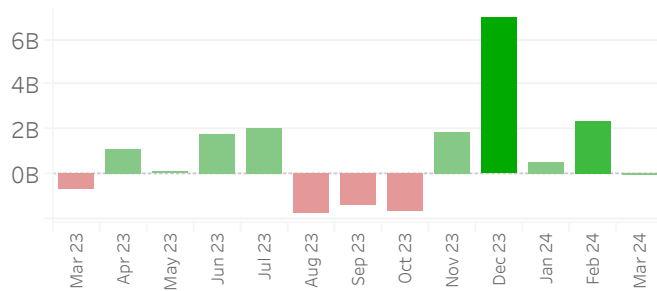
Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
FLTW	Franklin FTSE Taiwan ETF	1.07%
EWT	iShares MSCI Taiwan ETF	0.90%
EYLD	Cambria Emerging Shareholder Yield ETF	0.63%
KEMX	KraneShares MSCI Emerging Markets EX China Index ETF	0.61%
EPU	iShares MSCI Peru and Global Exposure ETF	0.52%
NFTY	First Trust India NIFTY 50 Equal Weight ETF	0.47%
EPI	WisdomTree India Earnings Fund	0.31%
XCEM	Columbia EM Core ex-China ETF	0.30%
EMXC	iShares MSCI Emerging Markets ex China ETF	0.28%
DEM	WisdomTree Emerging Markets High Dividend Fund	0.22%

Emerging Most Overbought

Ticker	Fund	Price
EYLD	Cambria Emerging Shareholder Yield ETF	76.95
FM	iShares Frontier and Select EM ETF	68.06
EPU	iShares MSCI Peru and Global Exposure ETF	66.45
FRDM	Freedom 100 Emerging Markets ETF	66.25
FLTW	Franklin FTSE Taiwan ETF	64.35
EMGF	iShares Emerging Markets Equity Factor ETF	64.29
GMF	SPDR S&P Emerging Asia Pacific ETF	64.22
AVES	Avantis Emerging Markets Value ETF	63.83
VNM	VanEck Vietnam ETF	63.53
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	63.52

Emerging Monthly Flows



Emerging 1-Day Performance Laggards

Ticker	Fund	Performance
PGJ	Invesco Golden Dragon China ETF	-4.14%
ECH	iShares MSCI Chile ETF	-3.32%
TUR	iShares MSCI Turkey ETF	-2.24%
FXI	iShares China Large-Cap ETF	-2.22%
KSA	iShares MSCI Saudi Arabia ETF	-1.96%
MCHI	iShares MSCI China ETF	-1.82%
FLCH	Franklin FTSE China ETF	-1.65%
GXC	SPDR S&P China ETF	-1.53%
EPOL	iShares MSCI Poland ETF	-1.53%
ECNS	iShares MSCI China Small-Cap ETF	-1.38%

Emerging Most Oversold

Ticker	Fund	Price
TUR	iShares MSCI Turkey ETF	41.76
THD	iShares MSCI Thailand ETF	42.12
EWW	iShares MSCI Mexico ETF	43.10
EIDO	iShares MSCI Indonesia ETF	44.30
FLBR	Franklin FTSE Brazil ETF	46.52
FLLA	Franklin FTSE Latin America ETF	46.79
EZA	iShares MSCI South Africa ETF	46.99
ARGT	Global X MSCI Argentina ETF	46.99
EWZ	iShares MSCI Brazil ETF	47.00
ILF	iShares Latin America 40 ETF	48.36

* 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	-0.25%	-0.90%	-1.40%
SHY	1-3 Year Treasury Bonds	-0.10%	-0.12%	0.03%
IEF	7-10 Year Treasury Bonds	-0.22%	-1.17%	-1.79%
TLT	20+ Year Treasury Bonds	-0.40%	-1.75%	-4.25%
TIP	TIPS Bonds	-0.08%	0.03%	-0.43%
FLOT	Floating Rate Bonds	0.00%	0.63%	1.39%
LQD	Investment Grade Corporate	-0.19%	-1.38%	-1.96%
HYG	High Yield Corporate	-0.03%	0.53%	0.77%
BKLN	Senior Loan	0.09%	1.33%	1.22%
PFF	Preferred & Income Securities	-0.34%	0.06%	3.14%
MUB	Municipal Bonds	-0.22%	-0.05%	-0.24%
MBB	MBS	-0.30%	-1.02%	-1.83%
EMB	Dollar Denominated EM Bonds	-0.09%	1.25%	0.05%
LEMB	Local Currency EM Bond	0.00%	0.47%	-1.58%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	0.71%	1.62%	-0.12%
DBE	Energy	0.00%	4.05%	4.53%
USO	WTI Crude Oil	-1.27%	9.63%	11.04%
BNO	Brent Crude Oil	-0.63%	8.70%	10.22%
UNG	Natural Gas	5.36%	-10.64%	-14.69%
UGA	Gasoline	-1.00%	9.77%	10.49%
DBP	Precious Metals	2.03%	4.32%	2.31%
GLD	Gold	1.62%	3.92%	2.53%
SLV	Silver	3.26%	5.35%	0.37%
PPLT	abrdn Physical Platin..	1.42%	0.54%	-9.31%
PALL	abrdn Physical Palla..	1.06%	1.48%	-12.46%
DBB	Base Metals	0.12%	0.12%	-4.86%
CPER	Copper	0.04%	0.97%	-0.50%
DBA	Agriculture	1.13%	3.46%	8.24%
CORN	Corn	1.40%	-3.88%	-9.27%
SOYB	Soybeans	0.52%	-2.87%	-9.89%
WEAT	Wheat	0.76%	-7.69%	-11.56%
CANE	Sugar	-1.48%	-9.13%	1.73%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.00%	0.36%	3.51%
UDN	Short Dollar	0.11%	0.39%	-1.95%
FXE	Euro	0.20%	0.82%	-1.22%
FXB	British Pound Sterling	0.32%	0.63%	0.12%
FXF	Swiss Franc	-0.19%	-2.08%	-4.92%
FXJ	Japanese Yen	-0.23%	-1.52%	-6.46%
FXC	Canadian Dollar	-0.13%	-0.72%	-2.01%
FXA	Australian Dollar	-0.33%	-0.05%	-4.23%

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