

ETF Playbook

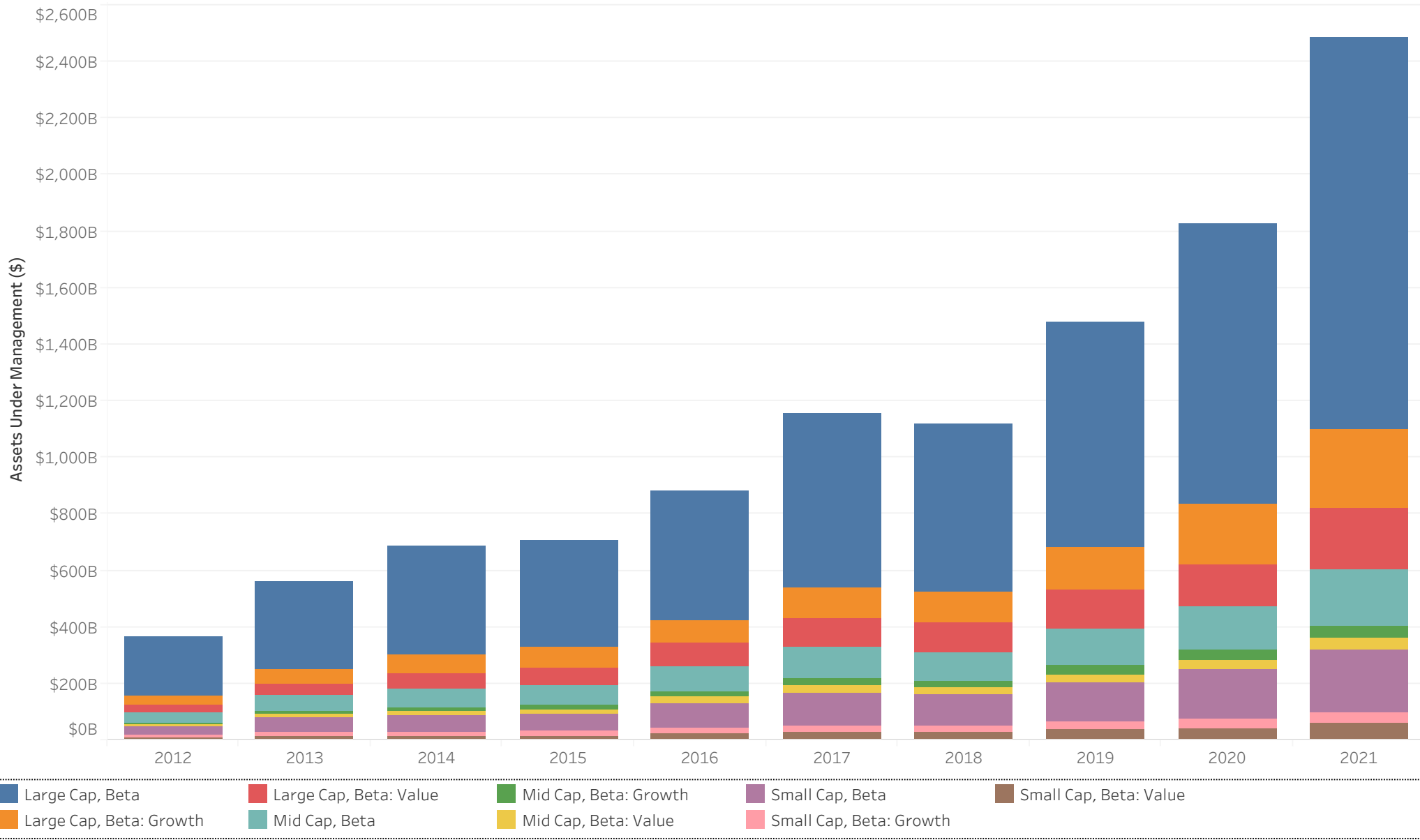
U.S. Size & Style
(Beta Strategies Only)



ETF
ACTION

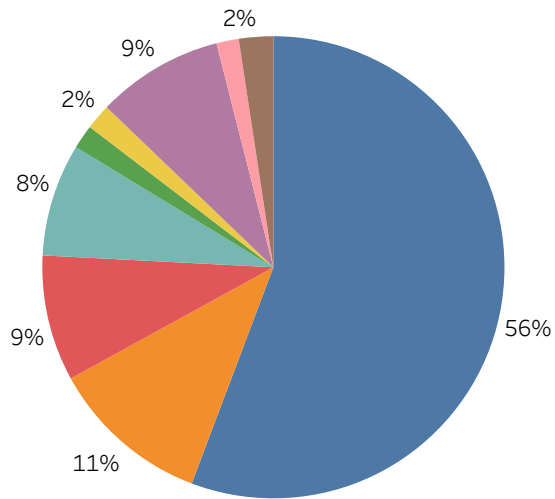
December 18, 2021

Annual AUM Growth



*Size & Style landscape data is represented by Sub-asset class Equity > Size & Style composite ETFs > U.S. market > Large, Mid, & Small Cap reach > Beta, Beta: Value, Beta: Growth strategies according to the ETF Action Classification System. Excludes inverse funds. **Flows delayed one day.

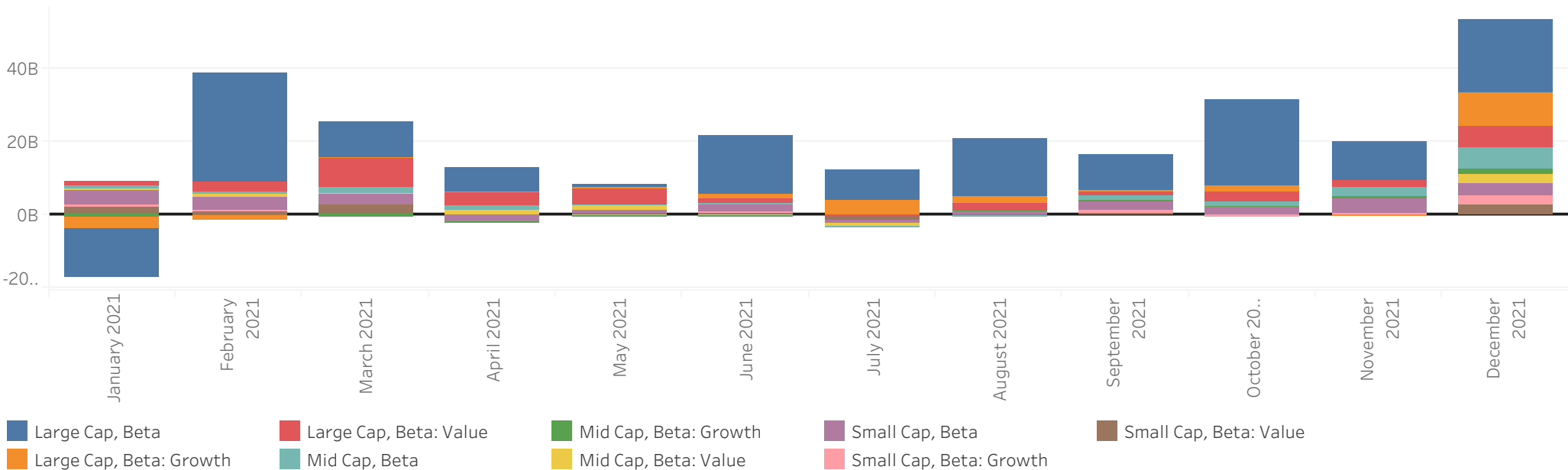
U.S. Size & Style AUM Makeup



Landscape Assets & Flows

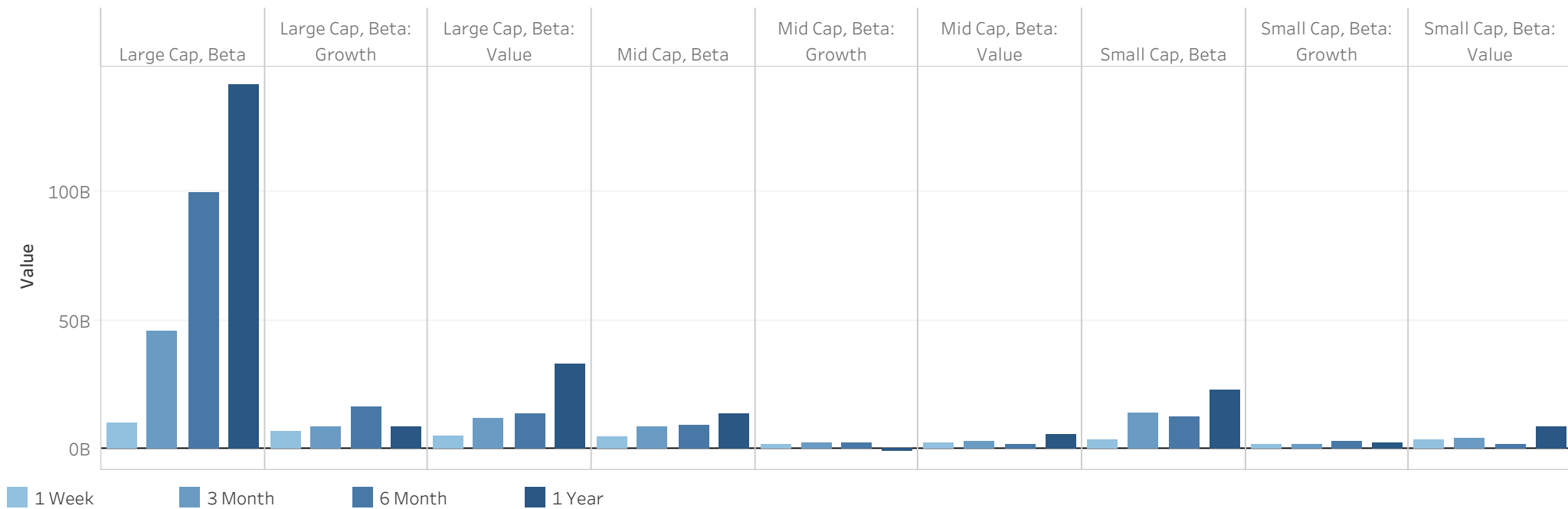
	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Large Cap, Beta	24	\$1,385,306M	\$9,895M	\$45,636M	\$99,454M	\$141,884M
Large Cap, Beta: Growth	10	\$280,146M	\$6,744M	\$8,545M	\$16,203M	\$8,347M
Large Cap, Beta: Value	11	\$218,698M	\$5,018M	\$11,865M	\$13,134M	\$33,144M
Mid Cap, Beta	10	\$195,992M	\$4,603M	\$8,508M	\$8,862M	\$13,458M
Mid Cap, Beta: Growth	6	\$41,609M	\$1,648M	\$2,005M	\$2,125M	(\$1,336M)
Mid Cap, Beta: Value	6	\$44,410M	\$2,176M	\$2,759M	\$1,619M	\$5,615M
Small Cap, Beta	12	\$220,383M	\$3,388M	\$13,780M	\$12,140M	\$22,624M
Small Cap, Beta: Growth	7	\$38,771M	\$1,772M	\$1,745M	\$2,455M	\$2,129M
Small Cap, Beta: Value	7	\$59,514M	\$3,197M	\$3,605M	\$1,766M	\$8,574M

Monthly Flows



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Flows by Time Frames Bar Chart



Weekly Flows Leaders

		AUM	1 Week
SPY	SPDR S&P 500 ETF Trust	\$437,731M	\$7,872M
QQQ	Invesco QQQ Trust	\$209,901M	\$3,984M
VOO	Vanguard S&P 500 ETF	\$272,304M	\$3,245M
IVW	iShares S&P 500 Growth ETF	\$40,437M	\$3,002M
SPYV	SPDR Portfolio S&P 500 Value ETF	\$13,320M	\$2,098M
VO	Vanguard Mid-Cap ETF	\$56,785M	\$1,963M
IJR	iShares Core S&P Small Cap ETF	\$72,889M	\$1,946M
IVE	iShares S&P 500 Value ETF	\$23,372M	\$1,767M
IJH	iShares Core S&P Mid-Cap ETF	\$66,558M	\$1,764M
VB	Vanguard Small-Cap ETF	\$49,067M	\$1,740M

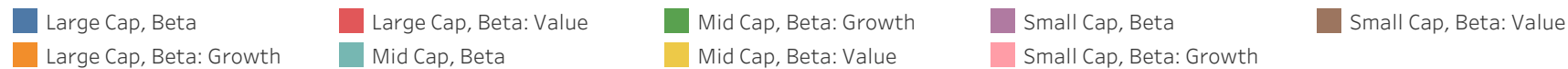
Weekly Flows Laggards

		AUM	1 Week
IVV	iShares Core S&P 500 ETF	\$333,858M	(\$2,014M)
IWM	iShares Russell 2000 ETF	\$68,827M	(\$464M)
IWF	iShares Russell 1000 Growth ETF	\$78,837M	(\$110M)
IWB	iShares Russell 1000 ETF	\$31,726M	(\$38M)
IWL	iShares Russell Top 200 ETF	\$1,002M	(\$11M)
ISCG	iShares Morningstar Small-Cap Growth ETF	\$444M	(\$7M)
SCHX	Schwab U.S. Large-Cap ETF	\$34,788M	(\$5M)
IWX	iShares Russell Top 200 Value ETF	\$1,226M	(\$3M)
ISCV	iShares Morningstar Small Cap Value ETF	\$420M	(\$3M)
IWD	iShares Russell 1000 Value ETF	\$58,445M	(\$3M)

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Monthly Performance

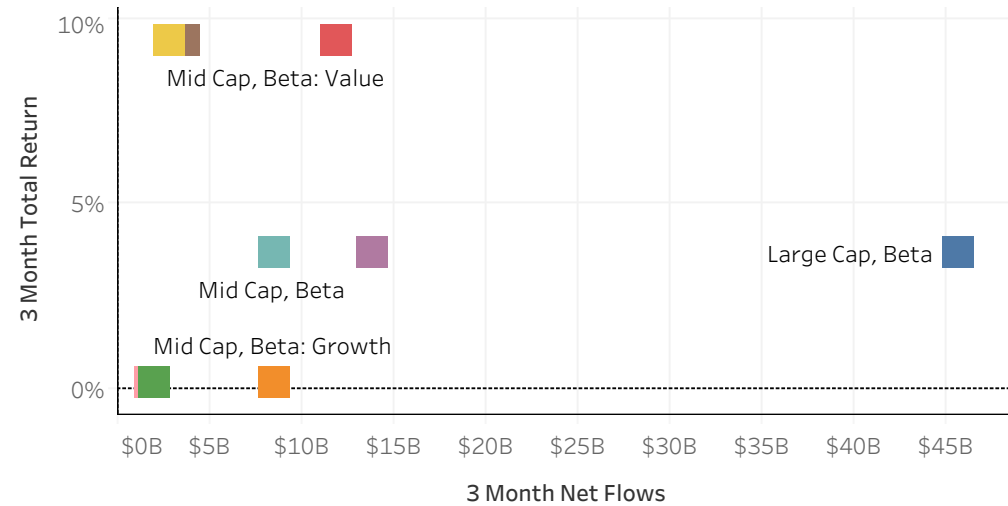
January 2021	February 2021	March 2021	April 2021	May 2021	June 2021	July 2021	August 2021	September 2021	August 2021	November 2021	MTD
5.01%	10.14%	6.65%	7.02%	3.35%	5.99%	3.51%	3.90%	-1.77%	3.90%	0.89%	3.39%
4.72%	8.84%	6.33%	5.24%	2.43%	3.34%	1.99%	3.12%	-2.77%	3.12%	-0.63%	2.09%
4.64%	6.86%	5.65%	4.71%	2.12%	3.13%	1.28%	2.50%	-3.53%	2.50%	-2.52%	0.53%
0.65%	6.03%	3.46%	4.59%	0.86%	3.11%	0.94%	2.37%	-3.59%	2.37%	-2.93%	0.42%
0.65%	5.39%	3.15%	4.57%	0.39%	1.03%	0.37%	2.28%	-3.70%	2.28%	-2.94%	0.35%
0.61%	3.23%	2.35%	3.62%	0.26%	0.31%	-0.01%	2.18%	-3.93%	2.18%	-3.21%	-0.44%
-0.61%	3.19%	2.00%	2.52%	-1.27%	-0.95%	-1.78%	2.12%	-4.52%	2.12%	-3.46%	-1.11%
-0.71%	2.50%	0.28%	2.33%	-1.36%	-1.01%	-2.75%	2.07%	-4.78%	2.07%	-3.65%	-1.23%
-1.17%	0.13%	-1.30%	2.31%	-1.48%	-2.30%	-3.62%	1.89%	-5.63%	1.89%	-3.95%	-1.32%



Performance

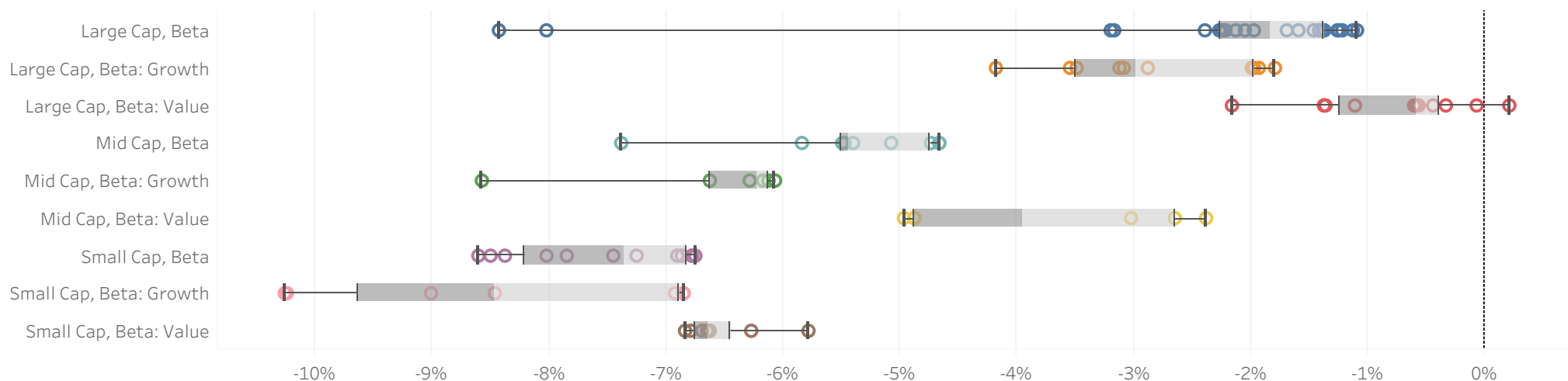
	1 Month	3 Month	YTD	1 Year
Large Cap, Beta	-2.36%	3.44%	22.20%	23.29%
Large Cap, Beta: Growth	-2.80%	3.90%	24.91%	26.05%
Large Cap, Beta: Value	-0.76%	4.01%	21.68%	22.55%
Mid Cap, Beta	-5.42%	1.14%	18.32%	18.60%
Mid Cap, Beta: Growth	-6.64%	-0.54%	13.04%	13.14%
Mid Cap, Beta: Value	-3.80%	3.50%	25.34%	25.61%
Small Cap, Beta	-7.51%	-0.92%	15.43%	15.71%
Small Cap, Beta: Growth	-8.37%	-3.21%	6.67%	6.91%
Small Cap, Beta: Value	-6.52%	1.92%	24.63%	24.82%

3 Month Total Return vs Net Flows

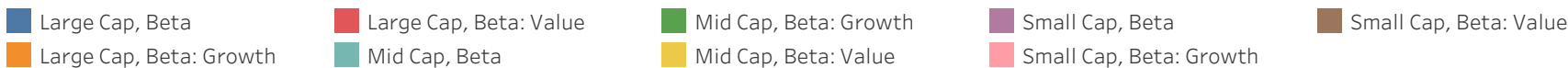


*Size & Style performance calculated as averages. Landscape data is represented by Sub-asset class Equity > Size & Style composite ETFs > U.S. market > Large, Mid, & Small Cap reach > Beta, Beta: Value, Beta: Growth strategies according to the ETF Action Classification System. Excludes leverage & inverse funds. **Flows delayed one day.

One Month Performance Ranges - Box & Whisker Plot



One Month Performance



One Month Performance Leaders

ETF Ticker	ETF Name	1 Month Return	YTD Return
MGV	Vanguard Mega Cap Value ETF	0.21%	22.73%
ILCV	iShares Morningstar Value ETF	-0.07%	23.01%
VTV	Vanguard Value ETF	-0.33%	23.10%
IWX	iShares Russell Top 200 Value ETF	-0.44%	20.26%
VOOV	Vanguard S&P 500 Value ETF	-0.57%	21.08%
SPYV	SPDR Portfolio S&P 500 Value ETF	-0.58%	21.09%
IVE	iShares S&P 500 Value ETF	-0.60%	20.93%
XLG	Invesco S&P 500 Top 50 ETF	-1.09%	27.10%
SCHV	Schwab U.S. Large-Cap Value ETF	-1.11%	21.79%
OEF	iShares S&P 100 ETF	-1.13%	25.52%

One Month Performance Laggards

ETF Ticker	ETF Name	1 Mo	YTD
VTWG	Vanguard Russell 2000 Growth ETF	-10.26%	-0.33%
IWO	iShares Russell 2000 Growth ETF	-10.25%	-0.50%
ISCG	iShares Morningstar Small-Cap Growth ETF	-9.01%	-4.30%
BBSC	JPMorgan BetaBuilders U.S. Small Cap Equity ETF	-8.61%	11.23%
IWP	iShares Russell Mid-Cap Growth ETF	-8.58%	8.95%
IWM	iShares Russell 2000 ETF	-8.50%	10.78%
VBK	Vanguard Small-Cap Growth ETF	-8.47%	2.25%
QQQN	VictoryShares Nasdaq Next 50 ETF	-8.43%	5.31%
VTWO	Vanguard Russell 2000 ETF	-8.38%	11.06%
QQQJ	Invesco NASDAQ Next Gen 100 ETF	-8.03%	6.79%

*Sector landscape data is represented by Sub-asset class Equity > Sector composite ETFs > U.S. market according to the ETF Action Classification System. Excludes leverage & inverse funds.

Large Cap Blend (S&P 500) IVV



Large Cap Growth (S&P 500) IVW



Large Cap Value (S&P 500) IVE



Mid Cap Blend (S&P 400) IJH



Mid Cap Growth (S&P 400) IJK



Mid Cap Value (S&P 400) IJJ



Small Cap Blend (S&P 600) IJR



Small Cap Growth (S&P 600) IJT



Small Cap Value (S&P 600) IJS



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

*Sector ETFs chosen for illustrative purposes only. Sector price charts represented by the Select Sector SPDR ETFs.

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Contact us at:

team@etfaction.com

www.etfaction.com