

ETF Playbook

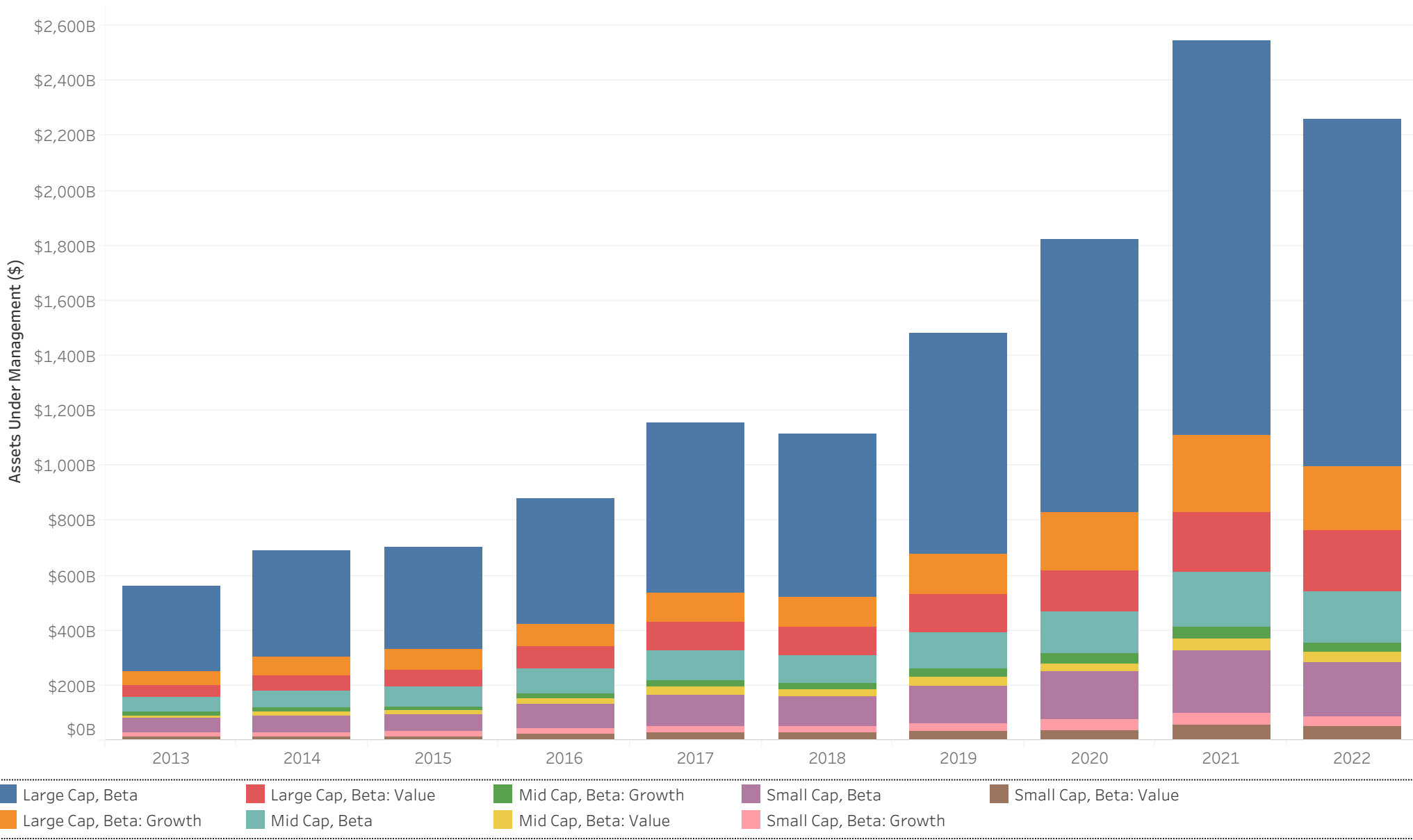
U.S. Size & Style
(Beta Strategies Only)



ETF
ACTION

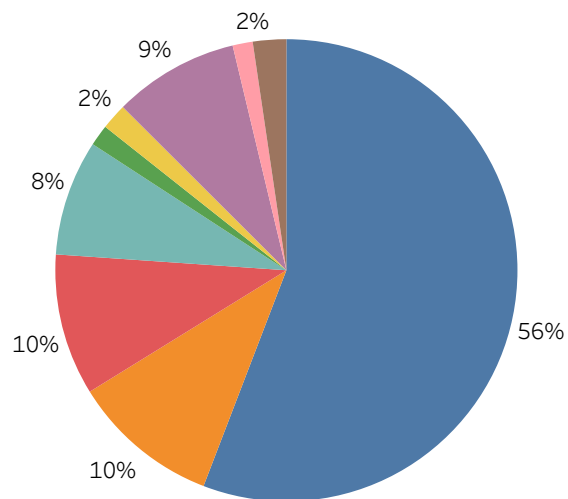
April 30, 2022

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.

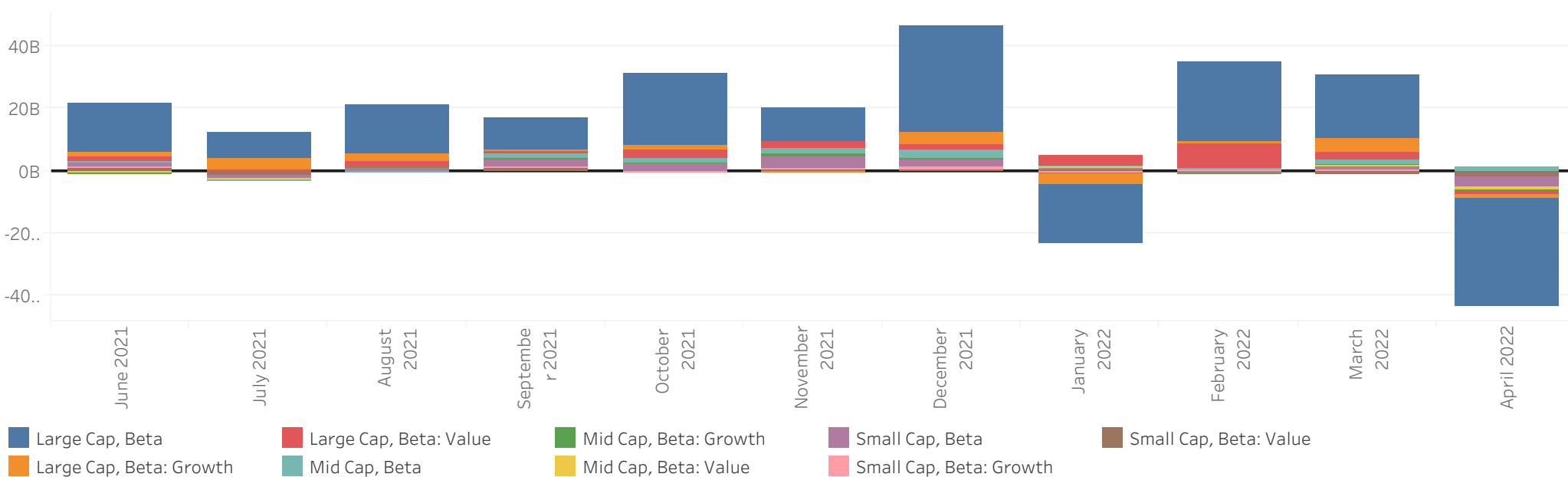
U.S. Size & Style AUM Makeup



Landscape Assets & Flows

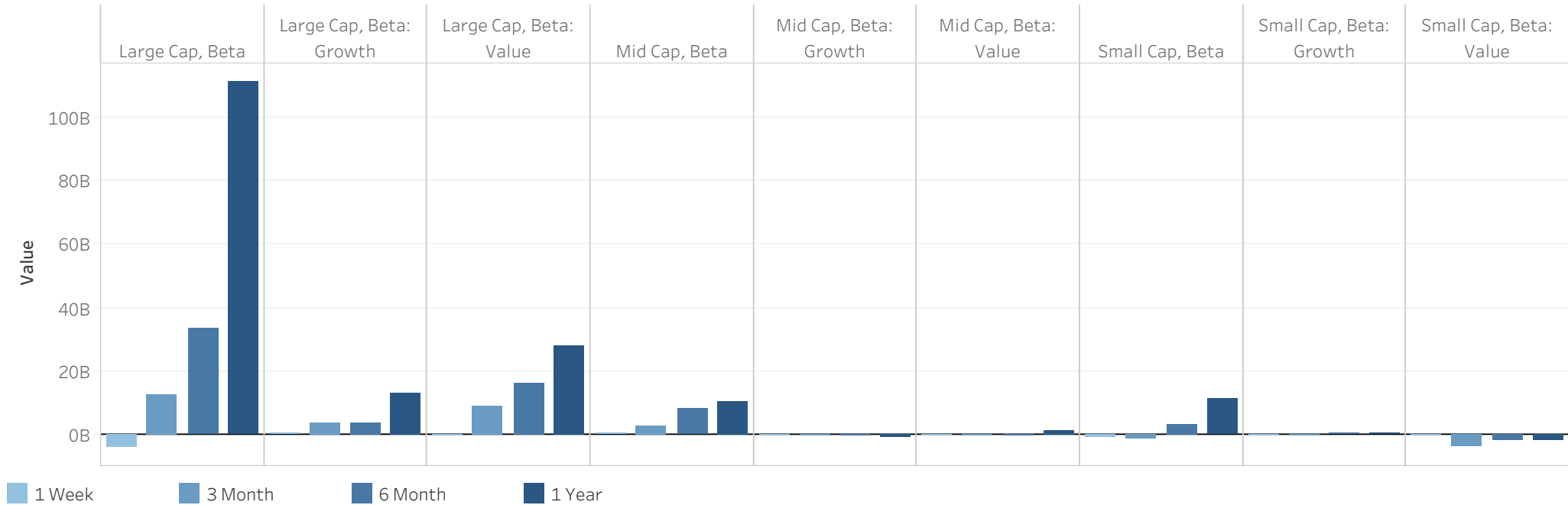
	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Large Cap, Beta	26	\$1,262,079M	(\$4,121M)	\$12,835M	\$33,360M	\$111,395M
Large Cap, Beta: Growth	10	\$234,108M	\$298M	\$3,505M	\$3,681M	\$13,285M
Large Cap, Beta: Value	11	\$223,722M	\$183M	\$9,182M	\$16,156M	\$28,039M
Mid Cap, Beta	10	\$182,573M	\$650M	\$2,974M	\$8,152M	\$10,635M
Mid Cap, Beta: Growth	6	\$33,347M	(\$207M)	(\$363M)	(\$106M)	(\$702M)
Mid Cap, Beta: Value	6	\$41,434M	(\$81M)	(\$550M)	\$119M	\$1,315M
Small Cap, Beta	12	\$198,573M	(\$976M)	(\$1,337M)	\$3,413M	\$11,574M
Small Cap, Beta: Growth	7	\$31,499M	(\$12M)	\$185M	\$683M	\$420M
Small Cap, Beta: Value	7	\$52,547M	(\$301M)	(\$3,548M)	(\$1,897M)	(\$1,569M)

Monthly Flows



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Flows by Time Frames Bar Chart



Weekly Flows Leaders

		AUM	1 Week
QQQ	Invesco QQQ Trust	\$174,852M	\$1,414M
VOO	Vanguard S&P 500 ETF	\$264,313M	\$786M
IWM	iShares Russell 2000 ETF	\$56,568M	\$530M
IJH	iShares Core S&P Mid-Cap ETF	\$62,986M	\$349M
IVE	iShares S&P 500 Value ETF	\$25,036M	\$266M
VTV	Vanguard Value ETF	\$101,313M	\$235M
IVV	iShares Core S&P 500 ETF	\$302,565M	\$228M
IWB	iShares Russell 1000 ETF	\$28,273M	\$201M
IJJ	iShares S&P Mid-Cap 400 Value ETF	\$7,695M	\$189M
VO	Vanguard Mid-Cap ETF	\$52,759M	\$182M

Weekly Flows Laggards

		AUM	1 Week
SPY	SPDR S&P 500 ETF Trust	\$387,980M	(\$2,060M)
SCHX	Schwab U.S. Large-Cap ETF	\$32,164M	(\$1,658M)
SCHA	Schwab U.S. Small-Cap ETF	\$15,474M	(\$631M)
VTWO	Vanguard Russell 2000 ETF	\$6,767M	(\$607M)
IWS	iShares Russell Mid-Cap Value ETF	\$14,461M	(\$297M)
IWN	iShares Russell 2000 Value ETF	\$13,529M	(\$261M)
IWD	iShares Russell 1000 Value ETF	\$55,746M	(\$194M)
IJR	iShares Core S&P Small Cap ETF	\$68,709M	(\$138M)
IWP	iShares Russell Mid-Cap Growth ETF	\$12,515M	(\$125M)
SPYV	SPDR Portfolio S&P 500 Value ETF	\$13,780M	(\$96M)

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Monthly Performance

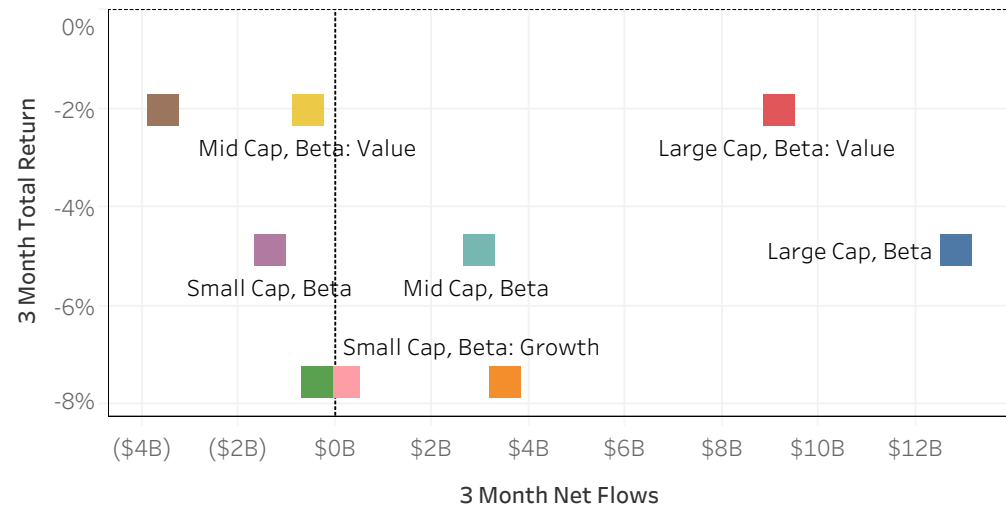
June 2021	July 2021	August 2021	September 2021	October 2021	November 2021	December 2021	January 2022	February 2022	March 2022	April 2022	MTD
5.99%	3.51%	3.90%	-1.77%	8.75%	0.89%	6.43%	-1.97%	1.98%	4.30%	-5.31%	-5.31%
3.34%	1.99%	3.12%	-2.77%	7.70%	-0.63%	6.12%	-3.56%	1.13%	3.48%	-6.01%	-6.01%
3.13%	1.28%	2.50%	-3.53%	7.01%	-2.52%	4.34%	-4.76%	0.49%	3.12%	-6.80%	-6.80%
3.11%	0.94%	2.37%	-3.59%	6.09%	-2.93%	4.27%	-6.34%	0.32%	2.79%	-7.54%	-7.54%
1.03%	0.37%	2.28%	-3.70%	5.18%	-2.94%	3.48%	-7.34%	0.28%	1.82%	-8.68%	-8.68%
0.31%	-0.01%	2.18%	-3.93%	4.65%	-3.21%	3.41%	-8.28%	-0.17%	1.20%	-9.29%	-9.29%
-0.95%	-1.78%	2.12%	-4.52%	4.60%	-3.46%	2.72%	-8.67%	-1.36%	1.00%	-9.44%	-9.57%
-1.01%	-2.75%	2.07%	-4.78%	4.18%	-3.65%	2.63%	-11.43%	-2.85%	0.92%	-10.73%	-10.73%
-2.30%	-3.62%	1.89%	-5.63%	3.45%	-3.95%	2.02%	-11.84%	-4.42%	0.62%	-12.73%	-12.73%

■ Large Cap, Beta ■ Large Cap, Beta: Value ■ Mid Cap, Beta: Growth ■ Small Cap, Beta ■ Small Cap, Beta: Value
■ Large Cap, Beta: Growth ■ Mid Cap, Beta ■ Mid Cap, Beta: Value ■ Small Cap, Beta: Growth

Performance

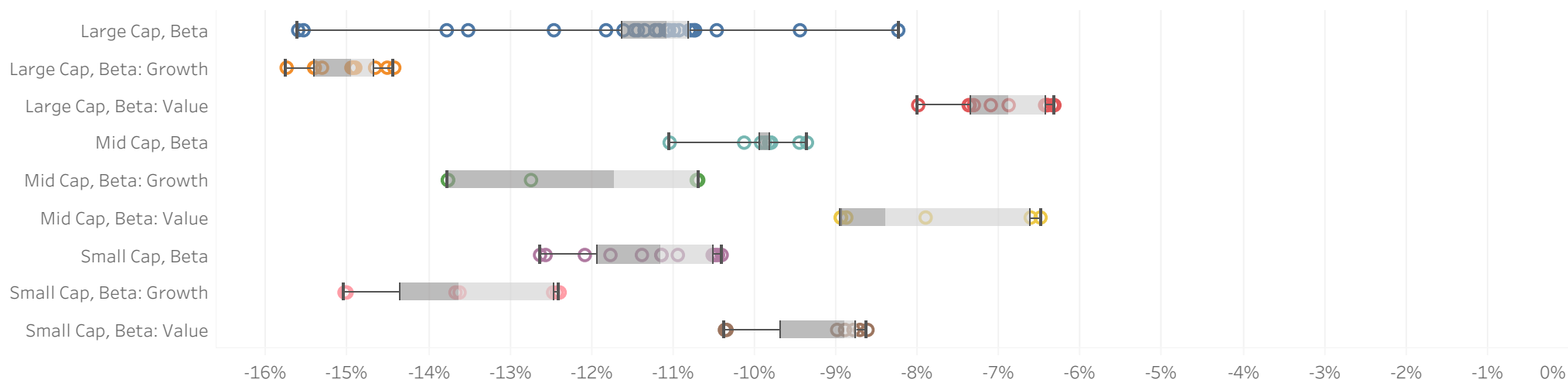
	1 Month	3 Month	YTD	1 Year
Large Cap, Beta	-11.54%	-7.08%	-15.07%	-3.85%
Large Cap, Beta: Growth	-15.03%	-10.45%	-20.55%	-6.18%
Large Cap, Beta: Value	-6.91%	-2.72%	-5.57%	2.44%
Mid Cap, Beta	-9.91%	-3.29%	-12.53%	-7.90%
Mid Cap, Beta: Growth	-12.07%	-5.47%	-18.96%	-13.99%
Mid Cap, Beta: Value	-7.97%	-1.29%	-6.37%	-1.05%
Small Cap, Beta	-11.30%	-4.26%	-14.51%	-13.80%
Small Cap, Beta: Growth	-13.53%	-6.77%	-20.55%	-20.50%
Small Cap, Beta: Value	-9.25%	-2.07%	-8.40%	-6.33%

3 Month Total Return vs Net Flows

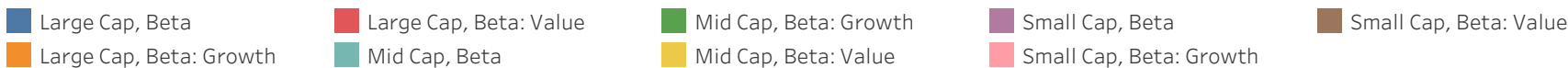


*Size & Style performance calculated as averages. Landscape data is represented by Sub-asset class Equity > Size & Style composite ETFs > U.S. market > Large, Mid, & Small Cap reach > Beta, Beta: Value, Beta: Growth strategies according to the ETF Action Classification System. Excludes leverage & inverse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

One Month Performance Ranges - Box & Whisker Plot



One Month Performance



One Month Performance Leaders

ETF	ETF Name	1 Month Return	YTD Return
VTV	Vanguard Value ETF	-6.32%	-3.84%
MGV	Vanguard Mega Cap Value ETF	-6.35%	-3.93%
SPYV	SPDR Portfolio S&P 500 Value ETF	-6.41%	-5.06%
IVE	iShares S&P 500 Value ETF	-6.41%	-5.09%
VOOV	Vanguard S&P 500 Value ETF	-6.44%	-5.11%
IMCV	iShares Morningstar Mid-Cap ETF	-6.50%	-3.60%
VOE	Vanguard Mid-Cap Value ETF	-6.62%	-4.91%
ILCV	iShares Morningstar Value ETF	-6.89%	-6.31%
IWX	iShares Russell Top 200 Value ETF	-7.11%	-5.73%
VONV	Vanguard Russell 1000 Value ETF	-7.31%	-6.48%

One Month Performance Laggards

ETF	ETF Name	1 Mo	YTD
ILCG	iShares Morningstar Growth ETF	-15.75%	-21.56%
QQQ	Invesco QQQ Trust	-15.61%	-21.17%
QQQM	Invesco NASDAQ 100 ETF	-15.54%	-21.06%
MGK	Vanguard Mega Cap Growth ETF	-15.41%	-21.58%
SCHG	Schwab U.S. Large-Cap Growth ETF	-15.40%	-20.65%
VUG	Vanguard Growth ETF	-15.32%	-21.83%
VTWG	Vanguard Russell 2000 Growth ETF	-15.04%	-23.45%
IWO	iShares Russell 2000 Growth ETF	-15.01%	-23.29%
VOOG	Vanguard S&P 500 Growth ETF	-14.96%	-20.05%
SPYG	SPDR Portfolio S&P 500 Growth ETF	-14.94%	-20.03%

*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



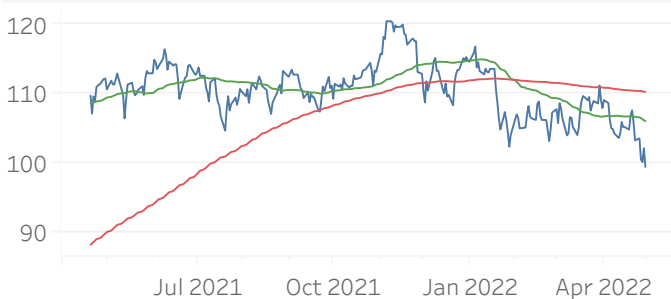
Mid Cap Growth (S&P 400) IJK



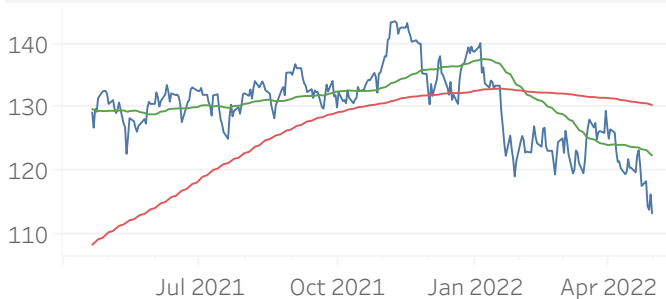
Mid Cap Value (S&P 400) IJJ



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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