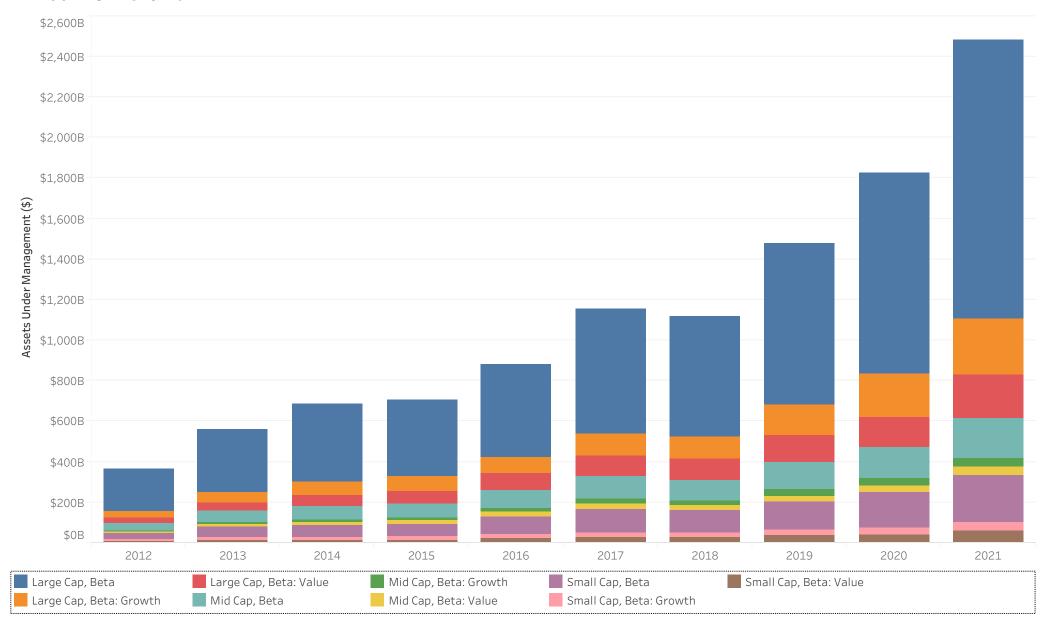




November 27, 2021

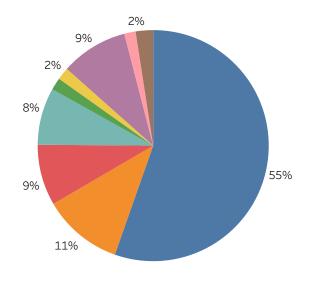
Annual AUM Growth



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



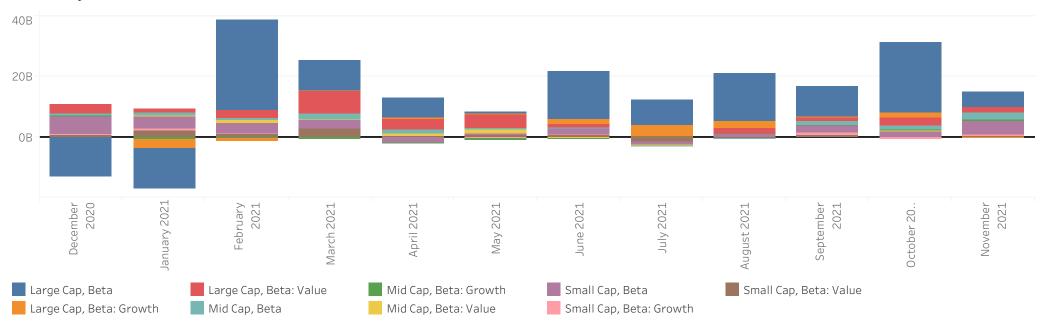
U.S. Size & Syle AUM Makeup



Landscape Assets & Flows

	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Large Cap, Beta	24	\$1,375,312M	(\$1,177M)	\$42,602M	\$78,289M	\$98,436M
Large Cap, Beta: Growth	10	\$278,553M	\$323M	\$1,530M	\$8,804M	\$5,534M
Large Cap, Beta: Value	11	\$211,531M	\$389M	\$6,081M	\$9,234M	\$31,581M
Mid Cap, Beta	10	\$198,666M	\$527M	\$3,734M	\$3,958M	\$10,063M
Mid Cap, Beta: Growth	6	\$42,483M	\$0M	\$738M	\$700M	(\$1,622M)
Mid Cap, Beta: Value	6	\$43,159M	\$34M	\$549M	(\$219M)	\$3,815M
Small Cap, Beta	12	\$233,670M	\$670M	\$9,265M	\$11,420M	\$26,159M
Small Cap, Beta: Growth	7	\$39,765M	\$305M	\$497M	\$524M	\$1,292M
Small Cap, Beta: Value	7	\$60,020M	\$69M	\$912M	\$91M	\$7,513M

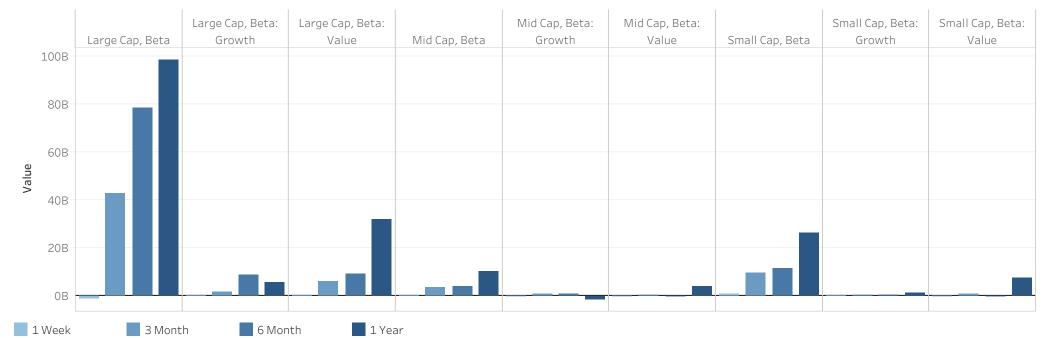
Monthly Flows



^{*}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.



Flows by Time Frames Bar Chart



Weekly Flows Leaders

		AUM	1 Week
VO	Vanguard Mid-Cap ETF	\$56,679M	\$619M
QQQM	Invesco NASDAQ 100 ETF	\$3,379M	\$525M
IWM	iShares Russell 2000 ETF	\$73,371M	\$276M
VUG	Vanguard Growth ETF	\$91,206M	\$261M
VTV	Vanguard Value ETF	\$89,123M	\$189M
IWO	iShares Russell 2000 Growth ETF	\$12,533M	\$168M
VTWO	Vanguard Russell 2000 ETF	\$7,138M	\$146M
MGK	Vanguard Mega Cap Growth ETF	\$14,057M	\$137M
IWD	iShares Russell 1000 Value ETF	\$56,912M	\$116M
VV	Vanguard Large-Cap ETF	\$27,955M	\$108M

Weekly Flows Laggards

		AUM	1 Week
QQQ	Invesco QQQ Trust	\$213,527M	(\$1,581M)
SPY	SPDR S&P 500 ETF Trust	\$420,672M	(\$1,107M)
IWF	iShares Russell 1000 Growth ETF	\$79,058M	(\$366M)
SCHA	Schwab U.S. Small-Cap ETF	\$17,456M	(\$207M)
VB	Vanguard Small-Cap ETF	\$50,747M	(\$189M)
IVV	iShares Core S&P 500 ETF	\$327,312M	(\$163M)
VOO	Vanguard S&P 500 ETF	\$277,732M	(\$103M)
VBK	Vanguard Small-Cap Growth ETF	\$16,759M	(\$96M)
IWB	iShares Russell 1000 ETF	\$31,643M	(\$92M)
IJH	iShares Core S&P Mid-Cap ETF	\$68,286M	(\$43M)

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



Monthly Performance

December 2020	January 2021	February 2021	March 2021	April 2021	May 2021	June 2021	July 2021	August 2021	August 2021	October 2021	MTD
9.00%	5.01%	10.14%	6.65%	7.02%	3.35%	5.99%	3.51%	3.90%	3.90%	8.75%	0.51%
8.18%	4.72%	8.84%	6.33%	5.24%	2.43%	3.34%	1.99%	3.12%	3.12%	7.70%	0.21%
7.48%	4.64%	6.86%	5.65%	4.71%	2.12%	3.13%	1.28%	2.50%	2.50%	7.01%	-0.05%
5.58%	0.65%	6.03%	3.46%	4.59%	0.86%	3.11%	0.94%	2.37%	2.37%	6.09%	-0.25%
5.57%	0.65%	5.39%	3.15%	4.57%	0.39%	1.03%	0.37%	2.28%	2.28%	5.18%	-1.01%
5.12%	0.61%	3.23%	2.35%	3.62%	0.26%	0.31%	-0.01%	2.18%	2.18%	4.65%	-1.04%
4.23%	-0.61%	3.19%	2.00%	2.52%	-1.27%	-0.95%	-1.78%	2.12%	2.12%	4.60%	-1.44%
4.04%	-0.71%	2.50%	0.28%	2.33%	-1.36%	-1.01%	-2.75%	2.07%	2.07%	4.18%	-1.88%
3.51%	-1.17%	0.13%	-1.30%	2.31%	-1.48%	-2.30%	-3.62%	1.89%	1.89%	3.45%	-2.29%
Large Cap, E	Beta	Large Cap, B	eta: Value	Mid Cap, B	eta: Growth	Small Cap	o, Beta	Small C	Cap, Beta: Value		

Mid Cap, Beta: Value

Performance

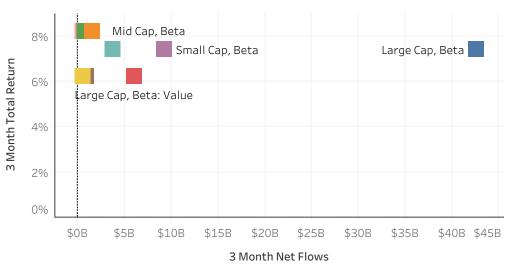
Large Cap, Beta: Growth

	1 Month	3 Month	YTD	1 Year
Large Cap, Beta	0.78%	3.17%	22.45%	27.80%
Large Cap, Beta: Growth	2.31%	5.02%	25.98%	31.99%
Large Cap, Beta: Value	-1.62%	0.50%	19.71%	22.63%
Mid Cap, Beta	-1.02%	2.18%	20.49%	26.12%
Mid Cap, Beta: Growth	-0.87%	2.21%	16.17%	23.45%
Mid Cap, Beta: Value	-0.75%	2.28%	26.23%	29.70%
Small Cap, Beta	-1.59%	2.05%	18.57%	26.03%
Small Cap, Beta: Growth	-1.70%	0.98%	9.91%	19.43%
Small Cap, Beta: Value	-1.12%	3.47%	27.39%	32.45%

Mid Cap, Beta

3 Month Total Return vs Net Flows

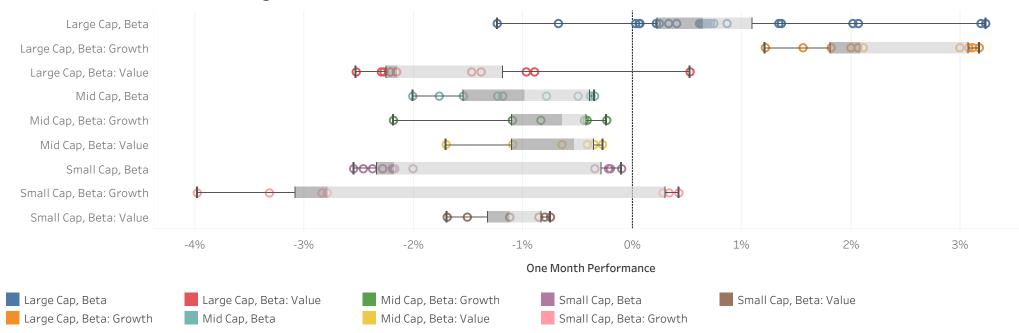
Small Cap, Beta: Growth



^{*}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 Leaders

		1 Month Return	YTD Return
QQQM	Invesco NASDAQ 100 ETF	3.23%	25.19%
QQQ	Invesco QQQ Trust	3.19%	25.13%
SPYG	SPDR Portfolio S&P 500 Growth ETF	3.17%	28.40%
IWY	iShares Russell Top 200 Growth ETF	3.11%	27.17%
IVW	iShares S&P 500 Growth ETF	3.08%	28.16%
VOOG	Vanguard S&P 500 Growth ETF	2.99%	28.16%
VONG	Vanguard Russell 1000 Growth ETF	2.11%	24.80%
XLG	Invesco S&P 500 Top 50 ETF	2.06%	26.73%
MGK	Vanguard Mega Cap Growth ETF	2.06%	25.63%
QQQN	VictoryShares Nasdaq Next 50 ETF	2.01%	10.51%

One Month Performance Laggards

		1 Mo	YTD
VBK	Vanguard Small-Cap Growth ETF	-3.98%	5.56%
ISCG	iShares Morningstar Small-Cap Growth ETF	-3.32%	-1.28%
VTWG	Vanguard Russell 2000 Growth ETF	-2.84%	3.88%
IWO	iShares Russell 2000 Growth ETF	-2.79%	3.78%
BBSC	JPMorgan BetaBuilders U.S. Small Cap Equity ETF	-2.55%	15.04%
IWX	iShares Russell Top 200 Value ETF	-2.53%	18.13%
VB	Vanguard Small-Cap ETF	-2.46%	16.22%
ISCB	iShares Morningstar Small-Cap ETF	-2.38%	16.74%
VOOV	Vanguard S&P 500 Value ETF	-2.30%	18.87%
BKSE	BNY Mellon US Small Cap Core Equity ETF	-2.29%	14.92%

^{*}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.







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



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