

ETF asset classes by YTD net asset flows														Total		\$ 118.716									
Asset Class	# ETPs	# Currently Active ETPs	Last week (\$b)	Last month (\$b)	Last quarter (\$b)	Last year (\$b)	WTD (\$b)	MTD (\$b)	QTD (\$b)	YTD (\$b)	1 week (\$b)	1 month (\$b)	1 year (\$b)	3 year (\$b)	5 year (\$b)	10 year (\$b)	Since Inception (\$b)	Current AUM (\$b)							
Equity	1972	1443	\$ (11.670)	\$ (6.138)	\$ 25.082	\$ 334.220	\$ (1.656)	\$ (1.656)	\$ (1.656)	\$ 68.921	\$ (1.656)	\$ (11.242)	\$ 233.828	\$ 670.680	\$ 1,039.908	\$ 1,530.800	\$ 1,966.094	\$ 2,797.393							
Fixed Income	444	345	\$ 2.097	\$ 8.358	\$ 30.614	\$ 121.282	\$ 2.919	\$ 2.919	\$ 2.919	\$ 48.963	\$ 2.919	\$ 11.081	\$ 101.759	\$ 284.630	\$ 355.821	\$ 555.166	\$ 599.664	\$ 587.527							
Volatility	35	18	\$ (0.238)	\$ (0.341)	\$ 0.385	\$ 2.223	\$ 0.051	\$ 0.051	\$ 0.051	\$ 1.864	\$ 0.051	\$ (0.285)	\$ 2.713	\$ 7.458	\$ 11.385	\$ 20.922	\$ 20.922	\$ 2.603							
Multi-Asset	161	94	\$ 0.047	\$ 0.222	\$ 0.927	\$ 2.641	\$ 0.070	\$ 0.070	\$ 0.070	\$ 1.447	\$ 0.070	\$ 0.204	\$ 3.663	\$ 5.560	\$ 10.424	\$ 13.929	\$ 14.174	\$ 14.554							
Hybrid	20	18	\$ 0.120	\$ 0.304	\$ 0.302	\$ 5.631	\$ 0.462	\$ 0.462	\$ 0.462	\$ 0.129	\$ 0.462	\$ 0.707	\$ 2.021	\$ 14.481	\$ 19.375	\$ 34.578	\$ 35.338	\$ 36.151							
Currency	55	38	\$ 0.002	\$ (0.103)	\$ (0.133)	\$ (0.795)	\$ 0.001	\$ 0.001	\$ 0.001	\$ (0.161)	\$ 0.001	\$ (0.101)	\$ (0.487)	\$ (1.919)	\$ (2.512)	\$ (3.745)	\$ 1.600	\$ 2.194							
Commodity	213	133	\$ (0.716)	\$ (1.992)	\$ (1.274)	\$ 3.035	\$ (0.823)	\$ (0.823)	\$ (0.823)	\$ (0.637)	\$ (0.823)	\$ (2.215)	\$ (0.159)	\$ 14.859	\$ 38.608	\$ 72.937	\$ 100.916	\$ 68.460							
Real Estate	59	47	\$ 0.114	\$ 0.234	\$ (0.043)	\$ 4.869	\$ 0.609	\$ 0.609	\$ 0.609	\$ (1.810)	\$ 0.609	\$ 0.594	\$ (0.314)	\$ 13.131	\$ 23.776	\$ 47.579	\$ 57.920	\$ 67.160							

Investment Philosophy by YTD net asset flows														Total		\$ 118.716									
Investment Philosophy	# ETPs	# Currently Active ETPs	Last week (\$b)	Last month (\$b)	Last quarter (\$b)	Last year (\$b)	WTD (\$b)	MTD (\$b)	QTD (\$b)	YTD (\$b)	1 week (\$b)	1 month (\$b)	1 year (\$b)	3 year (\$b)	5 year (\$b)	10 year (\$b)	Since Inception (\$b)	Current AUM (\$b)							
Passively Managed	1658	1140	\$ (8.082)	\$ (7.500)	\$ 32.294	\$ 393.995	\$ 0.424	\$ 0.424	\$ 0.424	\$ 79.360	\$ 0.424	\$ (8.994)	\$ 258.588	\$ 812.929	\$ 1,170.583	\$ 1,800.243	\$ 2,239.734	\$ 2,790.312							
Enhanced Strategy	1008	770	\$ (2.733)	\$ 6.157	\$ 16.683	\$ 64.162	\$ 0.717	\$ 0.717	\$ 0.717	\$ 26.142	\$ 0.717	\$ 5.673	\$ 63.100	\$ 158.903	\$ 283.019	\$ 414.325	\$ 498.767	\$ 727.552							
Actively managed	289	226	\$ 0.570	\$ 1.886	\$ 6.885	\$ 14.949	\$ 0.492	\$ 0.492	\$ 0.492	\$ 13.214	\$ 0.492	\$ 2.064	\$ 21.335	\$ 37.050	\$ 43.182	\$ 57.598	\$ 58.059	\$ 58.177							

Enhanced Strategy by YTD net asset flows														Total		\$ 26.142									
Enhanced ETF Type	# ETPs	# Currently Active ETPs	Last week (\$b)	Last month (\$b)	Last quarter (\$b)	Last year (\$b)	WTD (\$b)	MTD (\$b)	QTD (\$b)	YTD (\$b)	1 week (\$b)	1 month (\$b)	1 year (\$b)	3 year (\$b)	5 year (\$b)	10 year (\$b)	Since Inception (\$b)	Current AUM (\$b)							
Growth	66	46	\$ (1.199)	\$ 2.942	\$ 6.511	\$ 10.885	\$ 0.368	\$ 0.368	\$ 0.368	\$ 8.836	\$ 0.368	\$ 2.473	\$ 14.467	\$ 30.952	\$ 50.657	\$ 61.691	\$ 97.648	\$ 192.957							
Multi-Factor	126	120	\$ (0.342)	\$ 0.787	\$ 2.334	\$ 6.945	\$ 0.146	\$ 0.146	\$ 0.146	\$ 5.577	\$ 0.146	\$ 0.667	\$ 8.903	\$ 19.221	\$ 19.486	\$ 19.519	\$ 19.647	\$ 21.854							
Fundamentals	137	119	\$ (0.221)	\$ 0.681	\$ 2.461	\$ 6.469	\$ 0.232	\$ 0.232	\$ 0.232	\$ 5.506	\$ 0.232	\$ 0.769	\$ 9.049	\$ 10.405	\$ 34.997	\$ 44.027	\$ 47.866	\$ 63.849							
Technical / Momentum	59	45	\$ 0.193	\$ 0.932	\$ 1.484	\$ 3.329	\$ (0.419)	\$ (0.419)	\$ (0.419)	\$ 3.922	\$ (0.419)	\$ 0.341	\$ 6.669	\$ 7.324	\$ 14.350	\$ 15.988	\$ 16.948	\$ 20.585							
Value	63	49	\$ (0.526)	\$ 2.013	\$ 3.963	\$ 18.724	\$ 0.386	\$ 0.386	\$ 0.386	\$ 2.410	\$ 0.386	\$ 2.362	\$ 13.621	\$ 52.400	\$ 72.583	\$ 95.218	\$ 119.996	\$ 180.080							
Risk / Volatility	103	81	\$ (0.127)	\$ (0.022)	\$ 0.986	\$ 5.660	\$ 0.068	\$ 0.068	\$ 0.068	\$ 1.077	\$ 0.068	\$ 0.031	\$ 5.248	\$ 24.683	\$ 30.363	\$ 43.155	\$ 43.247	\$ 53.923							
Thematic	22	17	\$ 0.007	\$ 0.050	\$ 0.102	\$ 0.566	\$ (0.001)	\$ (0.001)	\$ (0.001)	\$ 0.799	\$ (0.001)	\$ 0.049	\$ 1.235	\$ 1.476	\$ 2.200	\$ 2.200	\$ 2.200	\$ 2.670							
Contango / Backwardation	71	38	\$ (0.356)	\$ (0.328)	\$ 0.114	\$ (0.949)	\$ (0.056)	\$ (0.056)	\$ (0.056)	\$ 0.754	\$ (0.056)	\$ (0.435)	\$ 0.718	\$ (0.165)	\$ (1.864)	\$ 3.310	\$ 8.284	\$ 5.879							
Long-Short / Market Neutral	22	14	\$ 0.010	\$ 0.064	\$ 0.151	\$ 0.172	\$ 0.014	\$ 0.014	\$ 0.014	\$ 0.341	\$ 0.014	\$ 0.057	\$ 0.449	\$ 0.532	\$ 0.976	\$ 1.390	\$ 1.395	\$ 1.604							
Other	108	50	\$ 0.021	\$ 0.083	\$ 0.167	\$ 0.955	\$ (0.001)	\$ (0.001)	\$ (0.001)	\$ 0.243	\$ (0.001)	\$ 0.071	\$ 0.820	\$ 1.378	\$ 3.777	\$ 4.014	\$ 5.202	\$ 4.972							
Hedging	13	10	\$ 0.006	\$ 0.004	\$ 0.017	\$ 0.285	\$ 0.005	\$ 0.005	\$ 0.005	\$ 0.241	\$ 0.005	\$ 0.010	\$ 0.265	\$ 0.513	\$ 0.820	\$ 1.053	\$ 1.131	\$ 0.968							
Mergers & Acquisitions	4	2	\$ 0.003	\$ 0.015	\$ 0.060	\$ 0.215	\$ 0.007	\$ 0.007	\$ 0.007	\$ 0.219	\$ 0.007	\$ 0.023	\$ 0.342	\$ 0.423	\$ 0.458	\$ 0.571	\$ 0.571	\$ 0.587							
Hedge Funds	16	9	\$ (0.002)	\$ 0.045	\$ 0.083	\$ (0.087)	\$ (0.002)	\$ (0.002)	\$ (0.002)	\$ 0.047	\$ (0.002)	\$ 0.031	\$ 0.127	\$ (0.154)	\$ 0.735	\$ 1.346	\$ 1.346	\$ 1.460							
Insider Trading	2	2	\$ (0.000)	\$ (0.001)	\$ (0.003)	\$ (0.006)	\$ 0.002	\$ 0.002	\$ 0.002	\$ (0.011)	\$ 0.002	\$ 0.001	\$ (0.019)	\$ 0.012	\$ 0.095	\$ 0.160	\$ 0.188	\$ 0.304							
Foreign Exchange	2	1	\$ -	\$ -	\$ (0.006)	\$ (0.011)	\$ -	\$ -	\$ -	\$ (0.015)	\$ -	\$ -	\$ (0.021)	\$ (0.069)	\$ (0.239)	\$ (0.487)	\$ 0.104	\$ 0.024							
Quality	30	25	\$ (0.014)	\$ (0.174)	\$ (0.251)	\$ 1.037	\$ 0.006	\$ 0.006	\$ 0.006	\$ (0.038)	\$ 0.006	\$ (0.092)	\$ 0.350	\$ 2.016	\$ 3.562	\$ 4.686	\$ 4.686	\$ 5.319							
Dividend / Income	163	142	\$ (0.187)	\$ (0.933)	\$ (1.490)	\$ 9.972	\$ (0.040)	\$ (0.040)	\$ (0.040)	\$ (3.766)	\$ (0.040)	\$ (0.685)	\$ 0.876	\$ 7.955	\$ 50.066	\$ 116.484	\$ 128.306	\$ 170.516							

Equity ETFs

Top 5 Equity ETFs from Top Fund Sponsor by 1M Inflows

Description	ETF	Type	Fund Sponsor	Last week (\$)	Last month (\$)	Last quarter (\$)	Last year (\$)	WTD (\$)	MTD (\$)	QTD (\$)	YTD (\$)	1 week (\$)	1 month (\$)	1 year (\$)	3 year (\$)	5 year (\$)	10 year (\$)	Since Inception (\$)	Current AUM (\$)	% Fund Sponsor NET Flows 1M	
Vanguard Value ETF	VTV	ETF	Vanguard	\$ 0.11	\$ 1.89	\$ 2.79	\$ 5.10	\$ 0.07	\$ 0.07	\$ 0.07	\$ 3.14	\$ 0.07	\$ 1.93	\$ 5.11	\$ 14.38	\$ 19.46	\$ 25.78	\$ 28.17	\$ 39.31	108.70%	
Vanguard Large Cap ETF	VV	ETF	Vanguard	\$ 0.27	\$ 0.50	\$ 0.59	\$ 1.36	\$ 0.16	\$ 0.16	\$ 0.16	\$ 1.13	\$ 0.16	\$ 0.43	\$ 2.01	\$ 4.39	\$ 5.12	\$ 6.35	\$ 7.95	\$ 9.55	\$ 13.14	25.66%
Vanguard Small Cap ETF	VB	ETF	Vanguard	\$ 0.10	\$ 0.32	\$ 0.48	\$ 2.77	\$ 0.05	\$ 0.05	\$ 0.05	\$ 0.96	\$ 0.05	\$ 0.40	\$ 2.15	\$ 7.15	\$ 10.37	\$ 13.26	\$ 14.44	\$ 14.44	\$ 24.30	22.42%
Vanguard Mid-Cap Index ETF	VO	ETF	Vanguard	\$ (0.04)	\$ 0.35	\$ 0.37	\$ 2.30	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.86	\$ 0.04	\$ 0.37	\$ 1.59	\$ 6.84	\$ 11.79	\$ 14.02	\$ 14.81	\$ 14.81	\$ 23.62	20.61%
Vanguard Total World Stock ETF	VT	ETF	Vanguard	\$ 0.06	\$ 0.30	\$ 0.38	\$ 2.56	\$ 0.04	\$ 0.04	\$ 0.04	\$ 1.76	\$ 0.04	\$ 0.34	\$ 2.94	\$ 6.37	\$ 7.98	\$ 9.94	\$ 9.96	\$ 12.31	\$ 19.24%	

Top 5 Equity ETF Fund Sponsors by 1M Inflows

Fund Sponsor	Asset Class	# ETFs	# Currently Active ETFs	Last week (\$)	Last month (\$)	Last quarter (\$)	Last year (\$)	WTD (\$)	MTD (\$)	QTD (\$)	YTD (\$)	1 week (\$)	1 month (\$)	1 year (\$)	3 year (\$)	5 year (\$)	10 year (\$)	Since Inception (\$)	Current AUM (\$)
Vanguard	Equity	58		\$ (0.74)	\$ 4.49	\$ 13.79	\$ 96.31	\$ 0.42	\$ 0.42	\$ 0.42	\$ 31.87	\$ 0.42	\$ 1.78	\$ 73.30	\$ 218.16	\$ 325.74	\$ 469.96	\$ 511.25	\$ 705.10
Charles Schwab Investment Management	Equity	17		\$ 0.10	\$ 1.39	\$ 4.48	\$ 22.36	\$ 0.61	\$ 0.61	\$ 0.61	\$ 11.07	\$ 0.61	\$ 1.74	\$ 21.69	\$ 51.58	\$ 67.82	\$ 76.77	\$ 76.77	\$ 96.15
First Trust Advisors LP	Equity	105		\$ 0.05	\$ 0.91	\$ 2.46	\$ 4.86	\$ 0.33	\$ 0.33	\$ 0.33	\$ 5.79	\$ 0.33	\$ 0.90	\$ 8.25	\$ 6.18	\$ 30.19	\$ 39.14	\$ 40.23	\$ 55.38
Van Eck Associates Corp	Equity	49		\$ 0.47	\$ 1.03	\$ 0.03	\$ (1.36)	\$ 0.20	\$ 0.20	\$ 0.20	\$ 1.40	\$ 0.20	\$ 0.76	\$ 1.44	\$ 5.02	\$ 7.65	\$ 31.01	\$ 37.32	\$ 23.54
Goldman Sachs Asset Management L.P.	Equity	10		\$ 0.04	\$ 0.52	\$ 1.07	\$ 1.80	\$ 0.05	\$ 0.05	\$ 0.05	\$ 1.66	\$ 0.05	\$ 0.48	\$ 2.24	\$ 6.04	\$ 6.04	\$ 6.04	\$ 6.04	\$ 7.03

Top 5 Equity ETF Fund Sponsors by 1M Outflows

Fund Sponsor	Asset Class	# ETFs	# Currently Active ETFs	Last week (\$)	Last month (\$)	Last quarter (\$)	Last year (\$)	WTD (\$)	MTD (\$)	QTD (\$)	YTD (\$)	1 week (\$)	1 month (\$)	1 year (\$)	3 year (\$)	5 year (\$)	10 year (\$)	Since Inception (\$)	Current AUM (\$)
BlackRock, Inc.	Equity	285		\$ (5.48)	\$ (9.96)	\$ 2.48	\$ 146.61	\$ (0.13)	\$ (0.13)	\$ (0.13)	\$ 23.66	\$ (0.13)	\$ (11.11)	\$ 87.63	\$ 269.92	\$ 395.29	\$ 516.14	\$ 720.91	\$ 1,063.58
SSGA Funds Management, Inc	Equity	130		\$ (5.33)	\$ (4.08)	\$ (2.99)	\$ 33.16	\$ (2.30)	\$ (2.30)	\$ (2.30)	\$ (18.18)	\$ (2.30)	\$ (5.10)	\$ 11.87	\$ 68.37	\$ 80.68	\$ 189.32	\$ 292.26	\$ 494.65
WisdomTree Investments	Equity	82		\$ (0.21)	\$ (0.70)	\$ (1.55)	\$ (0.07)	\$ (0.14)	\$ (0.14)	\$ (0.14)	\$ (3.96)	\$ (0.14)	\$ (0.72)	\$ (4.43)	\$ (19.43)	\$ 10.56	\$ 31.91	\$ 36.66	\$ 39.63
ProShares Advisors LLC	Equity	122		\$ 0.14	\$ (0.35)	\$ (0.78)	\$ 1.10	\$ 0.07	\$ 0.07	\$ 0.07	\$ 0.62	\$ 0.07	\$ (0.48)	\$ 0.80	\$ 6.20	\$ 7.68	\$ 11.76	\$ 34.00	\$ 23.94
Invesco PowerShares Capital Management	Equity	186		\$ (0.48)	\$ (0.01)	\$ 2.32	\$ 5.78	\$ (1.07)	\$ (1.07)	\$ (1.07)	\$ 1.08	\$ (1.07)	\$ (0.45)	\$ 4.39	\$ 9.16	\$ 15.72	\$ 36.36	\$ 81.43	\$ 141.39

Top 5 Equity ETFs by 1M Inflows

Description	ETF	Type	Fund Sponsor	Last week (\$)	Last month (\$)	Last quarter (\$)	Last year (\$)	WTD (\$)	MTD (\$)	QTD (\$)	YTD (\$)	1 week (\$)	1 month (\$)	1 year (\$)	3 year (\$)	5 year (\$)	10 year (\$)	Since Inception (\$)	Current AUM (\$)	
Vanguard Value ETF	VTV	ETF	Vanguard	\$ 0.11	\$ 1.89	\$ 2.79	\$ 5.10	\$ 0.07	\$ 0.07	\$ 0.07	\$ 3.14	\$ 0.07	\$ 1.93	\$ 5.11	\$ 14.38	\$ 19.46	\$ 25.78	\$ 28.17	\$ 39.31	
iShares Core S&P Small-Cap ETF	IJR	ETF	BlackRock, Inc.	\$ 0.18	\$ 1.30	\$ 3.22	\$ 6.03	\$ 0.21	\$ 0.21	\$ 0.21	\$ 3.86	\$ 0.21	\$ 1.05	\$ 6.45	\$ 16.20	\$ 19.01	\$ 22.09	\$ 24.98	\$ 44.59	
iShares Russell 3000 ETF	IWR	ETF	BlackRock, Inc.	\$ (0.04)	\$ 0.91	\$ 0.86	\$ 0.01	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.71	\$ 0.04	\$ 0.97	\$ 0.68	\$ 1.19	\$ 1.74	\$ 2.33	\$ 4.84	\$ 9.49	
iShares Core MSCI EAFE ETF	IEFA	ETF	BlackRock, Inc.	\$ -	\$ 0.96	\$ 3.52	\$ 20.88	\$ -	\$ -	\$ -	\$ 18.07	\$ -	\$ 0.87	\$ 27.46	\$ 49.30	\$ 54.36	\$ 55.21	\$ 55.21	\$ 57.80	\$ 94.80
Consumer Staples Select Sector SPDR Fund	XLP	ETF	SSGA Funds Management, Inc	\$ 0.43	\$ 0.75	\$ (0.21)	\$ 0.47	\$ (0.13)	\$ (0.13)	\$ (0.13)	\$ (0.23)	\$ (0.13)	\$ 0.87	\$ (0.88)	\$ 0.54	\$ (0.12)	\$ 2.71	\$ 4.78	\$ 8.54	

Top 5 Equity ETFs by 1M Outflows

Description	ETF	Type	Fund Sponsor	Last week (\$)	Last month (\$)	Last quarter (\$)	Last year (\$)	WTD (\$)	MTD (\$)	QTD (\$)	YTD (\$)	1 week (\$)	1 month (\$)	1 year (\$)	3 year (\$)	5 year (\$)	10 year (\$)	Since Inception (\$)	Current AUM (\$)
iShares MSCI Emerging Markets ETF	EEM	ETF	BlackRock, Inc.	\$ (0.04)	\$ (5.39)	\$ (8.12)	\$ 4.23	\$ -	\$ -	\$ -	\$ (5.53)	\$ -	\$ (5.39)	\$ (2.94)	\$ 0.14	\$ (7.06)	\$ 6.50	\$ 19.23	\$ 30.92
SPDR S&P 500 ETF	SPY	ETF	SSGA Funds Management, Inc	\$ (3.41)	\$ (3.53)	\$ (2.82)	\$ 10.58	\$ (1.92)	\$ (1.92)	\$ (1.92)	\$ (22.70)	\$ (1.92)	\$ (4.55)	\$ (4.63)	\$ 27.31	\$ 24.86	\$ 75.29	\$ 138.31	\$ 261.44
iShares Core S&P 500 ETF	IVV	ETF	BlackRock, Inc.	\$ 0.26	\$ (3.38)	\$ 3.76	\$ 30.14	\$ 0.22	\$ 0.22	\$ 0.22	\$ 4.78	\$ 0.22	\$ (2.81)	\$ 17.22	\$ 51.01	\$ 64.55	\$ 79.06	\$ 94.55	\$ 150.94
iShares MSCI EAFE ETF	IEFA	ETF	BlackRock, Inc.	\$ (0.77)	\$ (1.80)	\$ (2.69)	\$ 11.22	\$ (0.69)	\$ (0.69)	\$ (0.69)	\$ (9.75)	\$ (0.69)	\$ (2.49)	\$ (8.02)	\$ 5.60	\$ 22.38	\$ 25.53	\$ 62.57	\$ 72.13
Vanguard FTSE Emerging Markets ETF	VWO	ETF	Vanguard	\$ (0.56)	\$ (1.19)	\$ (1.18)	\$ 9.27	\$ (0.23)	\$ (0.23)	\$ (0.23)	\$ (1.05)	\$ (0.23)	\$ (1.41)	\$ 2.47	\$ 11.17	\$ 7.45	\$ 52.80	\$ 59.21	\$ 60.27

Fixed Income ETFs

Top 5 Fixed Income ETFs from Top Fund Sponsor by 1M Inflows

Description	ETF	Type	Fund Sponsor	Last week (\$)	Last month (\$)	Last quarter (\$)	Last year (\$)	WTD (\$)	MTD (\$)	QTD (\$)	YTD (\$)	1 week (\$)	1 month (\$)	1 year (\$)	3 year (\$)	5 year (\$)	10 year (\$)	Since Inception (\$)	Current AUM (\$)	% Fund Sponsor NET Flows 1M	
iShares iBoxx \$ Investment Grade Corporate Bond ETF	LQD	ETF	BlackRock, Inc.	\$ 0.72	\$ 0.83	\$ 1.83	\$ 10.78	\$ 0.46	\$ 0.46	\$ 0.46	\$ (3.41)	\$ 0.46	\$ 1.27	\$ (0.96)	\$ 12.96	\$ 14.70	\$ 28.12	\$ 32.10	\$ 33.84	17.43%	
iShares U.S. Treasury Bond ETF	GOVT	ETF	BlackRock, Inc.	\$ 0.49	\$ 0.87	\$ 1.07	\$ 2.37	\$ 0.05	\$ 0.05	\$ 0.05	\$ 1.50	\$ 0.05	\$ 0.92	\$ 2.14	\$ 5.42	\$ 6.65	\$ 6.72	\$ 6.72	\$ 6.59	12.63%	
iShares 7-10 Year Treasury Bond ETF	IEF	ETF	BlackRock, Inc.	\$ 0.00	\$ 0.41	\$ 0.47	\$ 0.18	\$ 0.25	\$ 0.25	\$ 0.25	\$ 1.31	\$ 0.25	\$ 0.78	\$ 1.61	\$ 2.94	\$ 4.76	\$ 5.93	\$ 8.39	\$ 8.39	10.80%	
iShares 1-3 Year Treasury Bond ETF	SHY	ETF	BlackRock, Inc.	\$ (0.31)	\$ (0.61)	\$ 1.81	\$ 0.46	\$ 0.11	\$ 0.11	\$ 0.11	\$ 2.18	\$ 0.11	\$ (0.69)	\$ 0.62	\$ 2.77	\$ 3.61	\$ 5.17	\$ 4.40	\$ 13.18	\$ 13.41	9.50%
iShares J.P. Morgan USD Emerging Markets Bond ETF	EMB	ETF	BlackRock, Inc.	\$ (0.02)	\$ 0.60	\$ 1.02	\$ 3.81	\$ 0.14	\$ 0.14	\$ 0.14	\$ 1.35	\$ 0.14	\$ 0.66	\$ 1.55	\$ 7.61	\$ 8.83	\$ 13.08	\$ 13.16	\$ 12.79	9.02%	

Top 5 Fixed Income ETF Fund Sponsors by 1M Inflows

Fund Sponsor	Asset Class	# ETFs	# Currently Active ETFs	Last week (\$)	Last month (\$)	Last quarter (\$)	Last year (\$)	WTD (\$)	MTD (\$)	QTD (\$)	YTD (\$)	1 week (\$)	1 month (\$)	1 year (\$)	3 year (\$)	5 year (\$)	10 year (\$)	Since Inception (\$)	Current AUM (\$)
BlackRock, Inc.	Fixed Income	100		\$ 1.40	\$ 3.66	\$ 15.60	\$ 53.57	\$ 2.82	\$ 2.82	\$ 2.82	\$ 21.87	\$ 2.82	\$ 7.27	\$ 42.23	\$ 133.82	\$ 157.02	\$ 242.34	\$ 280.53	\$ 284.16
Vanguard	Fixed Income	17		\$ 0.83	\$ 2.06	\$ 4.20	\$ 39.42	\$ 0.23	\$ 0.23	\$ 0.23	\$ 8.74	\$ 0.23	\$ 2.36	\$ 15.54	\$ 81.70	\$ 109.94	\$ 153.65	\$ 156.73	\$ 153.66
J.P.Morgan Investment Management Inc.	Fixed Income	4		\$ 0.09	\$ 0.57	\$ 1.06	\$ 0.19	\$ 0.13	\$ 0.13	\$ 0.13	\$ 1.48	\$ 0.13	\$ 0.67	\$ 1.62	\$ 0.38	\$ 0.38	\$ 0.38	\$ 0.38	\$ 1.79
Charles Schwab Investment Management	Fixed Income	4		\$ 0.11	\$ 2.03	\$ 4.07	\$ 3.97	\$ 0.17	\$ 0.17	\$ 0.17	\$ 5.23	\$ 0.17	\$ 0.44	\$ 7.64	\$ 12.81	\$ 14.84	\$ 16.39	\$ 16.39	\$ 16.18
Deutsche Bank AG	Fixed Income	23		\$ 0.01	\$ 0.29	\$ 0.59	\$ 0.38	\$ 0.05	\$ 0.05	\$ 0.05	\$ 1.47	\$ 0.05	\$ 0.41	\$ 1.78	\$ 1.88	\$ 1.86	\$ 2.06	\$ 2.06	\$ 2.05

Top 5 Fixed Income ETF Fund Sponsors by 1M Outflows

Fund Sponsor	Asset Class	# ETFs	# Currently Active ETFs	Last week (\$)	Last month (\$)	Last quarter (\$)	Last year (\$)	WTD (\$)	MTD (\$)	QTD (\$)	YTD (\$)	1 week (\$)	1 month (\$)	1 year (\$)	3 year (\$)	5 year (\$)	10 year (\$)	Since Inception (\$)	Current AUM (\$)
Invesco PowerShares Capital Management	Fixed Income	40		\$ (0.30)	\$ (0.43)	\$ (0.34)	\$ 5.41	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.41	\$ 0.00	\$ (0.45)	\$ 1.37	\$ 14.57	\$ 18.41	\$ 28.24	\$ 28.70	\$ 27.94
Van Eck Associates Corp	Fixed Income	20		\$ 0.03	\$ (0.42)	\$ (0.42)	\$ 3.67	\$ (0.04)	\$ (0.04)	\$ (0.04)	\$ 0.71	\$ (0.04)	\$ (0.11)	\$ 2.44	\$ 6.72	\$ 8.39	\$ 12.35	\$ 12.43	\$ 11.42
Nuveen Investments	Fixed Income	3		\$ -	\$ (0.07)	\$ (0.01)	\$ 0.08	\$ -	\$ -	\$ -	\$ 0.01	\$ -	\$ (0.07)	\$ 0.06	\$ 0.14	\$ 0.14	\$ 0.14	\$ 0.14	\$ 0.14
ProShares Advisors LLC	Fixed Income	25		\$ (0.02)	\$ (0.04)	\$ (0.33)	\$ 0.33	\$ (0.00)	\$ (0.00)	\$ (0.00)	\$ 0.06	\$ (0.00)	\$ (0.06)	\$ (0.02)	\$ (0.64)	\$ 0.53	\$ 11.40	\$ 11.69	\$ 3.70
SSGA Funds Management, Inc	Fixed Income	30		\$ (0.36)	\$ 0.14	\$ 3.45	\$ 7.55	\$ (0.51)	\$ (0.51)	\$ (0.51)	\$ 4.06	\$ (0.51)	\$ (0.05)	\$ 10.01	\$ 20.17	\$ 28.19	\$ 50.10	\$ 52.45	\$ 50.91

Top 5 Fixed Income ETFs by 1M Inflows

Description	ETF	Type	Fund Sponsor	Last week (\$)	Last month (\$)	Last quarter (\$)	Last year (\$)	WTD (\$)	MTD (\$)	QTD (\$)	YTD (\$)	1 week (\$)	1 month (\$)	1 year (\$)	3 year (\$)	5 year (\$)	10 year (\$)	Since Inception (\$)	Current AUM (\$)
Vanguard Short-Term Bond ETF	BSV	ETF	Vanguard	\$ 0.05	\$ 1.19	\$ 1.13	\$ 4.44	\$ (0.02)	\$ (0.02)	\$ (0.02)	\$ 1.86	\$ (0.02)	\$ 1.49	\$ 3.99	\$ 9.87	\$ 13.63	\$ 25.28	\$ 26.05	\$ 25.47
iShares iBoxx \$ Investment Grade Corporate Bond ETF	LQD	ETF	BlackRock, Inc.	\$ 0.72	\$ 0.83	\$ 1.83	\$ 10.78	\$ 0.46	\$ 0.46	\$ 0.46	\$ (3.41)	\$ 0.46	\$ 1.27	\$ (0.96)	\$ 12.96	\$ 14.70	\$ 28.12	\$ 32.10	\$ 33.84
iShares U.S. Treasury Bond ETF	GOVT	ETF	BlackRock, Inc.	\$ 0.49	\$ 0.87	\$ 1.07	\$ 2.37	\$ 0.05	\$ 0.05	\$ 0.05	\$ 1.50	\$ 0.05	\$ 0.92	\$ 2.14	\$ 5.42	\$ 6.65	\$ 6.72	\$ 6.72	

Commodity ETFs

Top 5 Commodity ETFs from Top Fund Sponsor by 1M Inflows

Description	ETF	Type	Fund Sponsor	Last week (\$)	Last month (\$)	Last quarter (\$)	Last year (\$)	WTD (\$)	MTD (\$)	QTD (\$)	YTD (\$)	1 week (\$)	1 month (\$)	1 year (\$)	3 year (\$)	5 year (\$)	10 year (\$)	Since Inception (\$)	Current AUM (\$)	% Fund Sponsor NET Flows 1M	
GraniteShares Gold Trust	BAR	ETF	GraniteShares Advisors LLC.	\$ -	\$ 0.25	\$ 0.25	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.26	\$ 0.01	\$ 0.11	\$ 0.27	\$ 0.27	\$ 0.27	\$ 0.27	\$ 0.27	\$ 0.27	\$ 0.26	100.00%

Top 5 Commodity ETF Fund Sponsors by 1M Inflows

Fund Sponsor	Asset Class	# ETFs	# Currently Active ETFs	Last week (\$)	Last month (\$)	Last quarter (\$)	Last year (\$)	WTD (\$)	MTD (\$)	QTD (\$)	YTD (\$)	1 week (\$)	1 month (\$)	1 year (\$)	3 year (\$)	5 year (\$)	10 year (\$)	Since Inception (\$)	Current AUM (\$)
GraniteShares Advisors LLC.	Commodity	4		4	\$ -	\$ 0.25	\$ 0.25	\$ 0.02	\$ 0.01	\$ 0.01	\$ 0.29	\$ 0.01	\$ 0.11	\$ 0.30	\$ 0.31	\$ 0.31	\$ 0.31	\$ 0.31	\$ 0.30
Credit Suisse AG	Commodity	21		11	\$ (0.03)	\$ 0.02	\$ (0.05)	\$ 1.69	\$ 0.08	\$ 0.08	\$ (0.43)	\$ 0.08	\$ 0.10	\$ 0.47	\$ 3.46	\$ 35.30	\$ 38.35	\$ 38.35	\$ 1.35
First Trust Advisors LP	Commodity	2		2	\$ 0.00	\$ 0.04	\$ 0.10	\$ (0.01)	\$ -	\$ -	\$ 0.12	\$ -	\$ 0.03	\$ 0.16	\$ 0.11	\$ 0.42	\$ 0.42	\$ 0.42	\$ 0.31
Citigroup	Commodity	2		2	\$ (0.00)	\$ (0.00)	\$ 0.04	\$ 0.21	\$ 0.01	\$ 0.01	\$ 0.14	\$ 0.01	\$ 0.02	\$ (0.22)	\$ 0.55	\$ 0.55	\$ 0.55	\$ 0.55	\$ 0.42
Teucrium Trading, LLC	Commodity	7		5	\$ 0.00	\$ 0.00	\$ 0.02	\$ 0.01	\$ 0.00	\$ 0.00	\$ 0.03	\$ 0.00	\$ 0.00	\$ 0.05	\$ 0.10	\$ 0.20	\$ 0.27	\$ 0.27	\$ 0.18

Top 5 Commodity ETF Fund Sponsors by 1M outflows

Fund Sponsor	Asset Class	# ETFs	# Currently Active ETFs	Last week (\$)	Last month (\$)	Last quarter (\$)	Last year (\$)	WTD (\$)	MTD (\$)	QTD (\$)	YTD (\$)	1 week (\$)	1 month (\$)	1 year (\$)	3 year (\$)	5 year (\$)	10 year (\$)	Since Inception (\$)	Current AUM (\$)
World Gold Trust Services, LLC	Commodity	1		1	\$ (0.23)	\$ (1.15)	\$ (1.07)	\$ 0.92	\$ (0.67)	\$ (0.67)	\$ (1.34)	\$ (0.67)	\$ (1.23)	\$ (1.29)	\$ 4.59	\$ (5.06)	\$ 1.58	\$ 14.02	\$ 32.35
BlackRock, Inc.	Commodity	6		6	\$ (0.11)	\$ (0.72)	\$ (0.03)	\$ 1.92	\$ (0.06)	\$ (0.06)	\$ 1.05	\$ (0.06)	\$ (0.60)	\$ 2.16	\$ 5.02	\$ 4.90	\$ 12.86	\$ 17.58	\$ 17.46
United States Commodities Fund LLC	Commodity	14		13	\$ (0.12)	\$ (0.18)	\$ (0.19)	\$ (1.05)	\$ (0.05)	\$ (0.05)	\$ (0.92)	\$ (0.05)	\$ (0.31)	\$ (2.26)	\$ (0.01)	\$ 1.98	\$ 7.41	\$ 8.85	\$ 3.07
Invesco PowerShares Capital Management	Commodity	10		9	\$ (0.19)	\$ (0.04)	\$ 0.87	\$ (0.46)	\$ (0.07)	\$ (0.07)	\$ 1.88	\$ (0.07)	\$ (0.18)	\$ 2.16	\$ 1.92	\$ 0.26	\$ 4.43	\$ 8.98	\$ 6.77
Aberdeen Standard Investments	Commodity	8		8	\$ (0.02)	\$ (0.26)	\$ (0.31)	\$ 0.24	\$ 0.01	\$ 0.01	\$ (0.17)	\$ 0.01	\$ (0.09)	\$ (0.07)	\$ 0.20	\$ (0.45)	\$ 2.83	\$ 2.83	\$ 2.34

Top 5 Commodity ETFs by 1M inflows

Description	ETF	Type	Fund Sponsor	Last week (\$)	Last month (\$)	Last quarter (\$)	Last year (\$)	WTD (\$)	MTD (\$)	QTD (\$)	YTD (\$)	1 week (\$)	1 month (\$)	1 year (\$)	3 year (\$)	5 year (\$)	10 year (\$)	Since Inception (\$)	Current AUM (\$)
Invesco Optimum Yield Diversified Commodity Strategy No K-1 ETF	PDBC	ETF	Invesco PowerShares Capital Management	\$ 0.18	\$ 0.33	\$ 0.81	\$ 0.27	\$ (0.01)	\$ (0.01)	\$ (0.01)	\$ 1.19	\$ (0.01)	\$ 0.28	\$ 1.45	\$ 1.89	\$ 1.90	\$ 1.90	\$ 1.90	\$ 1.96
VelocityShares 3x Inverse Crude Oil ETN	DWT	ETN	Citigroup	\$ 0.10	\$ 0.06	\$ 0.11	\$ 0.19	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.23	\$ 0.02	\$ 0.15	\$ 0.48	\$ 0.48	\$ 0.48	\$ 0.48	\$ 0.48	\$ 0.26
VelocityShares 3x Long Natural Gas	UGAZ	ETN	Credit Suisse AG	\$ 0.01	\$ 0.05	\$ (0.24)	\$ 1.75	\$ 0.10	\$ 0.10	\$ 0.10	\$ (0.55)	\$ 0.10	\$ 0.11	\$ 0.22	\$ 1.52	\$ 31.43	\$ 33.48	\$ 33.48	\$ 0.38
GraniteShares Gold Trust	BAR	ETF	GraniteShares Advisors LLC.	\$ -	\$ 0.25	\$ 0.25	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.26	\$ 0.01	\$ 0.11	\$ 0.27	\$ 0.27	\$ 0.27	\$ 0.27	\$ 0.27	\$ 0.26
VelocityShares 3x Long Silver ETN	USLV	ETN	Credit Suisse AG	\$ 0.04	\$ 0.07	\$ 0.10	\$ 0.09	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.11	\$ 0.02	\$ 0.11	\$ 0.13	\$ 0.31	\$ 0.54	\$ 0.84	\$ 0.84	\$ 0.36

Top 5 Commodity ETFs by 1M outflows

Description	ETF	Type	Fund Sponsor	Last week (\$)	Last month (\$)	Last quarter (\$)	Last year (\$)	WTD (\$)	MTD (\$)	QTD (\$)	YTD (\$)	1 week (\$)	1 month (\$)	1 year (\$)	3 year (\$)	5 year (\$)	10 year (\$)	Since Inception (\$)	Current AUM (\$)
SPDR Gold Trust	GLD	ETF	World Gold Trust Services, LLC	\$ (0.23)	\$ (1.15)	\$ (1.07)	\$ 0.92	\$ (0.67)	\$ (0.67)	\$ (0.67)	\$ (1.34)	\$ (0.67)	\$ (1.23)	\$ (1.29)	\$ 4.59	\$ (5.06)	\$ 1.58	\$ 14.02	\$ 32.35
iShares Gold Trust	IAU	ETF	BlackRock, Inc.	\$ (0.12)	\$ (0.71)	\$ (0.06)	\$ 1.96	\$ (0.11)	\$ (0.11)	\$ (0.11)	\$ 1.03	\$ (0.11)	\$ (0.63)	\$ 2.39	\$ 4.27	\$ 3.81	\$ 9.57	\$ 10.76	\$ 10.73
United States Oil Fund	USO	ETF	United States Commodities Fund LLC	\$ (0.12)	\$ (0.22)	\$ (0.24)	\$ (1.14)	\$ (0.08)	\$ (0.08)	\$ (0.70)	\$ (0.08)	\$ (0.35)	\$ (2.20)	\$ (0.16)	\$ 1.71	\$ 1.71	\$ 1.71	\$ 2.28	\$ 1.77
Invesco DB Commodity Index Tracking Fund	DBC	ETF	Invesco PowerShares Capital Management	\$ (0.16)	\$ (0.21)	\$ 0.16	\$ (0.43)	\$ (0.05)	\$ (0.05)	\$ (0.05)	\$ 0.61	\$ (0.05)	\$ (0.24)	\$ (0.25)	\$ (0.01)	\$ (1.33)	\$ 2.78	\$ 4.63	\$ 2.93
Invesco DB Oil Fund	DBO	ETF	Invesco PowerShares Capital Management	\$ (0.21)	\$ (0.07)	\$ 0.00	\$ (0.14)	\$ (0.01)	\$ (0.01)	\$ (0.01)	\$ (0.05)	\$ (0.01)	\$ (0.23)	\$ (0.20)	\$ (0.12)	\$ 0.19	\$ 0.44	\$ 0.49	\$ 0.37

Currency ETFs

Top 5 Currency ETFs from Top Fund Sponsor by 1M Inflows

Description	ETF	Type	Fund Sponsor	Last week (\$)	Last month (\$)	Last quarter (\$)	Last year (\$)	WTD (\$)	MTD (\$)	QTD (\$)	YTD (\$)	1 week (\$)	1 month (\$)	1 year (\$)	3 year (\$)	5 year (\$)	10 year (\$)	Since Inception (\$)	Current AUM (\$)	% Fund Sponsor NET Flows 1M
WisdomTree Bloomberg U.S. Dollar Bullish Fund	USDU	ETF	WisdomTree Investments	\$ 0.02	\$ 0.03	\$ 0.03	\$ (0.08)	\$ -	\$ -	\$ -	\$ (0.02)	\$ -	\$ 0.03	\$ (0.07)	\$ (0.25)	\$ 0.08	\$ 0.08	\$ 0.08	\$ 0.08	233.31%

Top 5 Currency ETF Fund Sponsors by 1M Inflows

Fund Sponsor	Asset Class	# ETFs	# Currently Active ETFs	Last week (\$)	Last month (\$)	Last quarter (\$)	Last year (\$)	WTD (\$)	MTD (\$)	QTD (\$)	YTD (\$)	1 week (\$)	1 month (\$)	1 year (\$)	3 year (\$)	5 year (\$)	10 year (\$)	Since Inception (\$)	Current AUM (\$)
WisdomTree Investments	Currency	8		4	\$ 0.02	\$ 0.03	\$ 0.03	\$ (0.12)	\$ (0.01)	\$ (0.01)	\$ (0.01)	\$ (0.05)	\$ (0.01)	\$ (0.10)	\$ (0.39)	\$ (0.33)	\$ (0.06)	\$ 0.32	\$ 0.16

Top 5 Currency ETF Fund Sponsors by 1M outflows

Fund Sponsor	Asset Class	# ETFs	# Currently Active ETFs	Last week (\$)	Last month (\$)	Last quarter (\$)	Last year (\$)	WTD (\$)	MTD (\$)	QTD (\$)	YTD (\$)	1 week (\$)	1 month (\$)	1 year (\$)	3 year (\$)	5 year (\$)	10 year (\$)	Since Inception (\$)	Current AUM (\$)
Invesco PowerShares Capital Management	Currency	12		12	\$ (0.01)	\$ (0.10)	\$ (0.11)	\$ (0.48)	\$ 0.02	\$ 0.02	\$ (0.09)	\$ 0.02	\$ (0.08)	\$ (0.27)	\$ (0.78)	\$ (1.06)	\$ (3.22)	\$ 1.39	\$ 1.67
ProShares Advisors LLC	Currency	7		6	\$ (0.01)	\$ (0.03)	\$ (0.04)	\$ (0.23)	\$ (0.00)	\$ (0.00)	\$ (0.00)	\$ (0.00)	\$ (0.03)	\$ (0.15)	\$ (0.72)	\$ (0.99)	\$ (0.07)	\$ (0.07)	\$ 0.28
Citigroup	Currency	12		12	\$ (0.00)	\$ (0.00)	\$ (0.00)	\$ 0.05	\$ -	\$ -	\$ (0.00)	\$ -	\$ (0.00)	\$ 0.05	\$ 0.05	\$ 0.05	\$ 0.05	\$ 0.05	\$ 0.06

Top 5 Currency ETFs by 1M inflows

Description	ETF	Type	Fund Sponsor	Last week (\$)	Last month (\$)	Last quarter (\$)	Last year (\$)	WTD (\$)	MTD (\$)	QTD (\$)	YTD (\$)	1 week (\$)	1 month (\$)	1 year (\$)	3 year (\$)	5 year (\$)	10 year (\$)	Since Inception (\$)	Current AUM (\$)
WisdomTree Bloomberg U.S. Dollar Bullish Fund	USDU	ETF	WisdomTree Investments	\$ 0.02	\$ 0.03	\$ 0.03	\$ (0.08)	\$ -	\$ -	\$ -	\$ (0.02)	\$ -	\$ 0.03	\$ (0.07)	\$ (0.25)	\$ 0.08	\$ 0.08	\$ 0.08	\$ 0.08
Invesco CurrencyShares* Swiss Franc Trust	FXF	ETF	Invesco PowerShares Capital Management	\$ 0.01	\$ 0.01	\$ 0.00	\$ 0.00	\$ -	\$ -	\$ -	\$ 0.01	\$ -	\$ 0.01	\$ 0.01	\$ 0.01	\$ (0.09)	\$ (0.25)	\$ 0.14	\$ 0.16
Invesco CurrencyShares* Japanese Yen Trust	FXJ	ETF	Invesco PowerShares Capital Management	\$ 0.00	\$ 0.00	\$ (0.01)	\$ (0.03)	\$ -	\$ -	\$ -	\$ 0.06	\$ -	\$ 0.00	\$ 0.05	\$ 0.03	\$ 0.02	\$ (0.84)	\$ (0.05)	\$ 0.17
Invesco CurrencyShares* Canadian Dollar Trust	FXC	ETF	Invesco PowerShares Capital Management	\$ 0.00	\$ 0.01	\$ (0.00)	\$ (0.03)	\$ -	\$ -	\$ -	\$ 0.00	\$ -	\$ 0.00	\$ (0.02)	\$ (0.05)	\$ (0.17)	\$ (0.02)	\$ 0.20	\$ 0.17

Top 5 Currency ETFs by 1M outflows

Description	ETF	Type	Fund Sponsor	Last week (\$)	Last month (\$)	Last quarter (\$)	Last year (\$)	WTD (\$)	MTD (\$)	QTD (\$)	YTD (\$)	1 week (\$)	1 month (\$)	1 year (\$)	3 year (\$)	5 year (\$)	10 year (\$)	Since Inception (\$)	Current AUM (\$)
Invesco DB US Dollar Index Bullish Fund	UUP	ETF	Invesco PowerShares Capital Management	\$ (0.02)	\$ (0.08)	\$ (0.02)	\$ (0.25)	\$ 0.01	\$ 0.01	\$ 0.01	\$ (0.04)	\$ 0.01	\$ (0.07)	\$ (0.02)	\$ (0.70)	\$ (0.47)	\$ (0.24)	\$ 0.33	\$ 0.52
Invesco CurrencyShares* Euro Currency Trust	FXE	ETF	Invesco PowerShares Capital Management	\$ (0.01)	\$ (0.04)	\$ (0.05)	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.02	\$ 0.01	\$ (0.02)	\$ (0.11)	\$ (0.06)	\$ 0.07	\$ (1.08)	\$ 0.26	\$ 0.28
ProShares UltraShort Euro	EUD	ETF	ProShares Advisors LLC.	\$ (0.01)	\$ (0.03)	\$ (0.03)	\$ (0.09)	\$ -	\$ -	\$ -	\$ (0.04)	\$ -	\$ (0.02)	\$ (0.05)	\$ (0.41)	\$ (0.42)	\$ 0.02	\$ 0.02	\$ 0.18
WisdomTree Emerging Currency Fund	CEW	ETF	WisdomTree Investments	\$ -	\$ 0.05	\$ 0.00	\$ (0.00)	\$ (0.01)	\$ (0.01)	\$ (0.01)	\$ (0.02)	\$ (0.01)	\$ (0.01)	\$ (0.03)	\$ (0.04)	\$ (0.18)	\$ 0.08	\$ 0.08	\$ 0.63
Invesco CurrencyShares* Swedish Krona Trust	FXS	ETF	Invesco PowerShares Capital Management	\$ -	\$ (0.01)	\$ (0.01)	\$ -	\$ -	\$ -	\$ -	\$ (0.01)	\$ -	\$ (0.01)	\$ (0.01)	\$ (0.01)	\$ (0.04)	\$ (0.03)	\$ 0.04	\$ 0.02

Real Estate ETFs

Top 5 Real Estate ETFs from Top Fund Sponsor by 1M Inflows

Description	ETF	Type	Fund Sponsor	Last week (\$)	Last month (\$)	Last quarter (\$)	Last year (\$)	WTD (\$)	MTD (\$)	QTD (\$)	YTD (\$)	1 week (\$)	1 month (\$)	1 year (\$)	3 year (\$)	5 year (\$)	10 year (\$)	Since Inception (\$)	Current AUM (\$)	% Fund Sponsor NET Flows 1M	
iShares U.S. Real Estate ETF	IYR	ETF	BlackRock, Inc.	\$ (0.04)	\$ 0.23	\$ (0.09)	\$ (0.45)	\$ 0.19	\$ 0.19	\$ 0.19	\$ 0.05	\$ 0.19	\$ 0.26	\$ (0.77)	\$ (0.88)	\$ (0.84)	\$ 0.25	\$ 2.14	\$ 4.00	76.80%	
iShares Core U.S. REIT ETF	USRT	ETF	BlackRock, Inc.	\$ 0.02	\$ 0.05	\$ 0.05	\$ 0.27	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.25	\$ 0.02	\$ 0.07	\$ 0.07	\$ 0.46	\$ 0.51	\$ 0.49	\$ 0.55	\$ 0.58	\$ 0.62	21.16%
iShares Global REIT ETF	REIT	ETF	BlackRock, Inc.	\$ 0.01	\$ 0.02	\$ 0.20	\$ 0.56	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.33	\$ 0.01	\$ 0.03	\$ 0.74	\$ 1.10	\$ 1.13	\$ 1.13	\$ 1.13	\$ 1.13	\$ 1.16	9.97%
iShares Mortgage Real Estate ETF	REM	ETF	BlackRock, Inc.	\$ 0.00	\$ 0.04	\$ 0.07	\$ (0.10)	\$ -	\$ -	\$ -	\$ (0.01)	\$ -	\$ 0.02	\$ (0.20)	\$ 0.00	\$ 0.29	\$ 1.44	\$ 1.48	\$ 1.48	\$ 1.13	6.65%

Top 5 Real Estate ETF Fund Sponsors by 1M Inflows

Fund Sponsor	Asset Class	# ETFs	# Currently Active ETFs	Last week (\$)	Last month (\$)	Last quarter (\$)	Last year (\$)	WTD (\$)	MTD (\$)	QTD (\$)	YTD (\$)	1 week (\$)	1 month (\$)	1 year (\$)	3 year (\$)	5 year (\$)	10 year (\$)	Since Inception (\$)	Current AUM (\$)
BlackRock, Inc.	Real Estate	13		9	\$ (0.03)	\$ 0.30	\$ 0.02	\$ (0.03)	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.05	\$ 0.22	\$ (0.56)	\$ (0.53)	\$ (0.08)	\$ 3.66	\$ 7.76	\$ 10.49
Vanguard	Real Estate	2		2	\$ 0.03	\$ 0.01	\$ (0.22)	\$ 3.67	\$ 0.42	\$ 0.42	\$ (1.71)	\$ 0.42	\$ 0.31	\$ (0.06)	\$ 8.95	\$ 15.61	\$ 28.44	\$ 30.84	\$ 38.23
Fidelity Management & Research	Real Estate	1		1	\$ 0.08	\$ 0.09	\$ 0.12	\$ 0.20	\$ 0.01	\$ 0.01	\$ 0.04	\$ 0.01	\$ 0.10	\$ 0.45	\$ 0.48	\$ 0.48	\$ 0.48	\$ 0.48	\$ 0.49
Charles Schwab Investment Management	Real Estate	1		1	\$ 0.00	\$ 0.06	\$ 0.19	\$ 1.13	\$ 0.02	\$ 0.02	\$ 0.45	\$ 0.02	\$ 0.07	\$ 0.97	\$ 2.79	\$ 3.59	\$ 4.10	\$ 4.10	\$ 4.58
J.P.Morgan Investment Management Inc.	Real Estate	1		1	\$ -	\$ 0.05	\$ 0.19	\$ NULL	\$ -	\$ -	\$ 0.05	\$ -	\$ 0.05	\$ 0.05	\$ 0.05	\$ 0.05	\$ 0.05	\$ 0.05	\$ 0.05

Top 5 Real Estate ETF Fund Sponsors by 1M Outflows

Fund Sponsor	Asset Class	# ETFs	# Currently Active ETFs	Last week (\$)	Last month (\$)	Last quarter (\$)	Last year (\$)	WTD (\$)	MTD (\$)	QTD (\$)	YTD (\$)	1 week (\$)	1 month (\$)	1 year (\$)	3 year (\$)	5 year (\$)	10 year (\$)	Since Inception (\$)	Current AUM (\$)
SSGA Funds Management, Inc	Real Estate	5		4	\$ 0.02	\$ (0.31)	\$ (0.26)	\$ (0.33)	\$ (0.06)	\$ (0.06)	\$ (0.78)	\$ (0.06)	\$ (0.29)	\$ (1.00)	\$ 1.09	\$ 3.65	\$ 7.84	\$ 10.45	\$ 10.96
Invesco PowerShares Capital Management	Real Estate	5		5	\$ (0.00)	\$ 0.00	\$ 0.02	\$ 0.19	\$ (0.02)	\$ (0.02)	\$ 0.00	\$ (0.02)	\$ (0.01)	\$ 0.09	\$ 0.31	\$ 0.34	\$ 0.47	\$ 0.51	\$ 0.55
ProShares Advisors LLC	Real Estate	3		3	\$ -	\$ (0.00)	\$ (0.02)	\$ (0.05)	\$ -	\$ -	\$ (0.04)	\$ -	\$ (0.00)	\$ (0.06)	\$ (0.20)	\$ (0.43)	\$ 1.13	\$ 2.14	\$ 0.17
Direction Shares	Real Estate	2		2	\$ 0.00	\$ (0.00)	\$ (0.04)	\$ (0.01)	\$ (0.00)	\$ (0.00)	\$ (0.01)	\$ (0.00)	\$ (0.01)	\$ (0.07)	\$ (0.14)	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.07
WisdomTree Investments	Real Estate	2		1	\$ (0.00)	\$ (0.00)	\$ (0.00)	\$ (0.00)	\$ -	\$ -	\$ 0.01	\$ -	\$ (0.00)	\$ 0.02	\$ (0.02)	\$ (0.02)	\$ 0.01	\$ 0.17	\$ 0.10

Top 5 Real Estate ETFs by 1M Inflows

Description	ETF	Type	Fund Sponsor	Last week (\$)	Last month (\$)	Last quarter (\$)	Last year (\$)	WTD (\$)	MTD (\$)	QTD (\$)	YTD (\$)	1 week (\$)	1 month (\$)	1 year (\$)	3 year (\$)	5 year (\$)	10 year (\$)	Since Inception (\$)	Current AUM (\$)
iShares U.S. Real Estate ETF	IYR	ETF	BlackRock, Inc.	\$ (0.04)	\$ 0.23	\$ (0.09)	\$ (0.45)	\$ 0.19	\$ 0.19	\$ 0.19	\$ 0.05	\$ 0.19	\$ 0.26	\$ (0.77)	\$ (0.88)	\$ (0.84)	\$ 0.25	\$ 2.14	\$ 4.00
Vanguard Real Estate Index Fund	VNQ	ETF	Vanguard	\$ 0.02	\$ (0.13)	\$ (0.55)	\$ 1.97	\$ 0.42	\$ 0.42	\$ (2.34)	\$ 0.42	\$ 0.18	\$ 0.18	\$ (1.62)	\$ 6.28	\$ 10.48	\$ 22.53	\$ 24.94	\$ 32.18
Vanguard Global ex-U.S. Real Estate Index Fund ETF	VNQI	ETF	Vanguard	\$ 0.02	\$ 0.14	\$ 0.32	\$ 1.70	\$ -	\$ -	\$ 0.63	\$ -	\$ 0.13	\$ 1.56	\$ 2.67	\$ 5.13	\$ 5.91	\$ 5.91	\$ 5.91	\$ 6.06
Real Estate Select Sector SPDR Fund	XLRE	ETF	SSGA Funds Management, Inc	\$ 0.06	\$ 0.11	\$ 0.12	\$ (0.11)	\$ (0.01)	\$ (0.01)	\$ (0.01)	\$ 0.18	\$ (0.01)	\$ 0.11	\$ 0.23	\$ 2.69	\$ 2.69	\$ 2.69	\$ 2.69	\$ 2.69
Fidelity MSCI Real Estate Index ETF	FREL	ETF	Fidelity Management & Research	\$ 0.08	\$ 0.09	\$ 0.12	\$ 0.20	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.04	\$ 0.01	\$ 0.10	\$ 0.10	\$ 0.45	\$ 0.48	\$ 0.48	\$ 0.48	\$ 0.48

Top 5 Real Estate ETFs by 1M Outflows

Description	ETF	Type	Fund Sponsor	Last week (\$)	Last month (\$)	Last quarter (\$)	Last year (\$)	WTD (\$)	MTD (\$)	QTD (\$)	YTD (\$)	1 week (\$)	1 month (\$)	1 year (\$)	3 year (\$)	5 year (\$)	10 year (\$)	Since Inception (\$)	Current AUM (\$)
SPDR DJ Wilshire Global Real Estate ETF	RWO	ETF	SSGA Funds Management, Inc	\$ (0.01)	\$ (0.31)	\$ (0.35)	\$ 0.38	\$ -	\$ -	\$ -	\$ (0.42)	\$ -	\$ (0.30)	\$ (0.35)	\$ 0.35	\$ 1.30	\$ 2.13	\$ 2.14	\$ 2.38
SPDR DJ Wilshire International Real Estate ETF	RWX	ETF	SSGA Funds Management, Inc	\$ (0.04)	\$ (0.14)	\$ (0.02)	\$ (0.08)	\$ (0.06)	\$ (0.06)	\$ (0.06)	\$ (0.31)	\$ (0.06)	\$ (0.13)	\$ (0.45)	\$ (1.34)	\$ (0.16)	\$ 2.56	\$ 3.87	\$ 3.36
iShares Cohen & Steers REIT ETF	ICF	ETF	BlackRock, Inc.	\$ (0.02)	\$ (0.03)	\$ (0.20)	\$ (0.49)	\$ (0.01)	\$ (0.01)	\$ (0.01)	\$ (0.43)	\$ (0.01)	\$ (0.04)	\$ (0.66)	\$ (0.82)	\$ (0.89)	\$ (0.35)	\$ 1.50	\$ 2.58
Invesco China Real Estate ETF	TAO	ETF	Invesco PowerShares Capital Management	\$ -	\$ 0.00	\$ 0.01	\$ 0.01	\$ (0.01)	\$ (0.01)	\$ (0.01)	\$ (0.00)	\$ (0.01)	\$ (0.01)	\$ 0.01	\$ 0.03	\$ 0.02	\$ 0.03	\$ 0.03	\$ 0.07
iShares International Developed Real Estate ETF	IFGL	ETF	BlackRock, Inc.	\$ -	\$ (0.01)	\$ (0.01)	\$ 0.19	\$ -	\$ -	\$ -	\$ (0.10)	\$ -	\$ (0.01)	\$ (0.03)	\$ (0.40)	\$ (0.10)	\$ 0.34	\$ 0.47	\$ 0.51

Multi-Asset ETFs

Top 5 Multi-Asset ETFs from Top Fund Sponsor by 1M Inflows

Description	ETF	Type	Fund Sponsor	Last week (\$)	Last month (\$)	Last quarter (\$)	Last year (\$)	WTD (\$)	MTD (\$)	QTD (\$)	YTD (\$)	1 week (\$)	1 month (\$)	1 year (\$)	3 year (\$)	5 year (\$)	10 year (\$)	Since Inception (\$)	Current AUM (\$)	% Fund Sponsor NET Flows 1M	
Pacer Trendpliot US Large Cap ETF	PTLC	ETF	Pacer Advisors, Inc	\$ 0.01	\$ 0.04	\$ 0.18	\$ 0.24	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.33	\$ 0.01	\$ 0.04	\$ 0.51	\$ 0.83	\$ 0.97	\$ 0.97	\$ 0.97	\$ 1.10	48.81%	
Pacer Trendpliot US Mid Cap ETF	PTMC	ETF	Pacer Advisors, Inc	\$ 0.00	\$ 0.02	\$ 0.06	\$ 0.17	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.12	\$ 0.00	\$ 0.20	\$ 0.42	\$ 0.48	\$ 0.48	\$ 0.48	\$ 0.48	\$ 0.57	28.90%	
Pacer Trendpliot 100 ETF	PTNQ	ETF	Pacer Advisors, Inc	\$ -	\$ 0.02	\$ 0.05	\$ 0.06	\$ -	\$ -	\$ -	\$ 0.10	\$ -	\$ 0.01	\$ 0.14	\$ 0.21	\$ 0.23	\$ 0.23	\$ 0.23	\$ 0.27	16.08%	
Pacer WealthShield ETF	PWS	ETF	Pacer Advisors, Inc	\$ 0.00	\$ 0.01	\$ 0.02	\$ 0.03	\$ -	\$ -	\$ -	\$ 0.05	\$ -	\$ 0.01	\$ 0.08	\$ 0.08	\$ 0.08	\$ 0.08	\$ 0.08	\$ 0.08	\$ 0.08	6.21%

Top 5 Multi-Asset ETF Fund Sponsors by 1M Inflows

Fund Sponsor	Asset Class	# ETFs	# Currently Active ETFs	Last week (\$)	Last month (\$)	Last quarter (\$)	Last year (\$)	WTD (\$)	MTD (\$)	QTD (\$)	YTD (\$)	1 week (\$)	1 month (\$)	1 year (\$)	3 year (\$)	5 year (\$)	10 year (\$)	Since Inception (\$)	Current AUM (\$)
Pacer Advisors, Inc	Multi-Asset	6		5	\$ 0.02	\$ 0.08	\$ 0.34	\$ 0.55	\$ 0.01	\$ 0.01	\$ 0.70	\$ 0.01	\$ 0.08	\$ 1.09	\$ 1.73	\$ 1.94	\$ 1.94	\$ 1.94	\$ 2.20
BlackRock, Inc.	Multi-Asset	16		6	\$ 0.00	\$ 0.05	\$ 0.36	\$ 0.45	\$ 0.06	\$ 0.06	\$ 0.53	\$ 0.06	\$ 0.06	\$ 1.07	\$ 2.27	\$ 3.23	\$ 4.09	\$ 4.09	\$ 4.46
SSGA Funds Management, Inc	Multi-Asset	4		4	\$ 0.03	\$ 0.03	\$ 0.05	\$ 0.05	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.08	\$ 0.00	\$ 0.03	\$ 0.07	\$ 0.15	\$ 0.26	\$ 0.45	\$ 0.45
IndexIQ Advisors	Multi-Asset	6		6	\$ 0.00	\$ 0.02	\$ 0.05	\$ (0.10)	\$ (0.00)	\$ (0.00)	\$ 0.03	\$ (0.00)	\$ 0.02	\$ 0.09	\$ 0.15	\$ 0.71	\$ 1.19	\$ 1.19	\$ 1.27
FormulaFolio Investments, LLC	Multi-Asset	2		2	\$ 0.00	\$ 0.01	\$ 0.02	\$ 0.02	\$ 0.01	\$ 0.01	\$ 0.04	\$ 0.01	\$ 0.01	\$ 0.06	\$ 0.06	\$ 0.06	\$ 0.06	\$ 0.06	\$ 0.07

Top 5 Multi-Asset ETF Fund Sponsors by 1M Outflows

Fund Sponsor	Asset Class	# ETFs	# Currently Active ETFs	Last week (\$)	Last month (\$)	Last quarter (\$)	Last year (\$)	WTD (\$)	MTD (\$)	QTD (\$)	YTD (\$)	1 week (\$)	1 month (\$)	1 year (\$)	3 year (\$)	5 year (\$)	10 year (\$)	Since Inception (\$)	Current AUM (\$)
WBI Investments, Inc.	Multi-Asset	3		3	\$ -	\$ (0.02)	\$ (0.03)	\$ (0.05)	\$ (0.00)	\$ (0.00)	\$ (0.04)	\$ (0.00)	\$ (0.02)	\$ (0.05)	\$ (0.12)	\$ 0.41	\$ 0.41	\$ 0.41	\$ 0.39
First Trust Advisors LP	Multi-Asset	8		8	\$ (0.01)	\$ (0.00)	\$ 0.03	\$ 0.14	\$ (0.00)	\$ (0.00)	\$ 0.14	\$ (0.00)	\$ (0.02)	\$ 0.14	\$ 0.45	\$ 1.14	\$ 1.62	\$ 1.62	\$ 1.56
Transamerica Asset Management, Inc	Multi-Asset	4		4	\$ (0.01)	\$ (0.01)	\$ (0.01)	\$ 0.79	\$ -	\$ -	\$ (0.06)	\$ -	\$ (0.01)	\$ 0.73	\$ 0.73	\$ 0.73	\$ 0.73	\$ 0.73	\$ 0.80
REX Shares	Multi-Asset	2		0	\$ NULL	\$ (0.01)	\$ (0.01)	\$ (0.00)	\$ NULL	\$ NULL	\$ (0.01)	\$ NULL	\$ (0.01)	\$ (0.01)	\$ (0.00)	\$ (0.00)	\$ (0.00)	\$ (0.00)	\$ NULL
Innovator Management LLC	Multi-Asset	1		1	\$ (0.00)	\$ (0.01)	\$ (0.01)	\$ 0.03	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ (0.00)	\$ 0.06	\$ 0.06	\$ 0.06	\$ 0.06	\$ 0.06	\$ 0.06

Top 5 Multi-Asset ETFs by 1M Inflows

Description	ETF	Type	Fund Sponsor	Last week (\$)	Last month (\$)	Last quarter (\$)	Last year (\$)	WTD (\$)	MTD (\$)	QTD (\$)	YTD (\$)	1 week (\$)	1 month (\$)	1 year (\$)	3 year (\$)	5 year (\$)	10 year (\$)	Since Inception (\$)	Current AUM (\$)
iShares Commodities Select Strategy ETF	COMT	ETF	BlackRock, Inc.	\$ -	\$ 0.04	\$ 0.33	\$ 0.07	\$ 0.06	\$ 0.06	\$ 0.06	\$ 0.46	\$ 0.06	\$ 0.06	\$ 0.53	\$ 0.46	\$ 0.79	\$ 0.79	\$ 0.79	\$ 0.78
Pacer Trendpliot US Large Cap ETF	PTLC	ETF	Pacer Advisors, Inc	\$ 0.01	\$ 0.04	\$ 0.18	\$ 0.24	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.33	\$ 0.01	\$ 0.04	\$ 0.51	\$ 0.83	\$ 0.97	\$ 0.97	\$ 0.97	\$ 1.10
SPDR Gold MiniShares Trust	GLDM	ETF	SSGA Funds Management, Inc	\$ 0.03	\$ 0.03	\$ 0.03	\$ NULL	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.03	\$ 0.00	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03
Pacer Trendpliot US Mid Cap ETF	PTMC	ETF	Pacer Advisors, Inc	\$ 0.00	\$ 0.02	\$ 0.06	\$ 0.17	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.12	\$ 0.00	\$ 0.20	\$ 0.42	\$ 0.48	\$ 0.48	\$ 0.48	\$ 0.48	\$ 0.57
IQ Hedge Multi-Strategy Tracker ETF	QAI	ETF	IndexIQ Advisors	\$ 0.00	\$ 0.03	\$ 0.04	\$ (0.11)	\$ (0.00)	\$ (0.00)	\$ (0.00)	\$ 0.00	\$ (0.00)	\$ 0.02	\$ 0.05	\$ 0.08	\$ 0.67	\$ 1.08	\$ 1.08	\$ 1.15

Top 5 Multi-Asset ETFs by 1M Outflows

Description	ETF	Type	Fund Sponsor	Last week (\$)	Last month (\$)	Last quarter (\$)	Last year (\$)	WTD (\$)	MTD (\$)	QTD (\$)	YTD (\$)	1 week (\$)	1 month (\$)	1 year (\$)	3 year (\$)	5 year (\$)	10 year (\$)	Since Inception (\$)	Current AUM (\$)
WBI Tactical Income Shares	WBI	ETF	WBI Investments, Inc.	\$ -	\$ (0.02)	\$ (0.03)	\$ (0.12)	\$ (0.00											

Equity ETFs

Top 5 Equity ETFs from Top Fund Sponsor by 1M Relative Inflows				as % of initial (1 month ago) Fund Sponsor AUM						
Description	ETF	Type	Fund Sponsor	QTD (%AUM)	YTD (%AUM)	1 week (%AUM)	1 month (%AUM)	1 year (%AUM)	Current AUM (\$b)	% Fund Sponsor NET Flows 1M
US Equity Rotation Strategy ETF	HUSE	ETF	Strategy Shares, Inc.	114.42%	208.77%	114.42%	125.96%	882.27%	\$ 0.22	100.00%

Top 5 Equity ETF Fund Sponsors by 1M Relative Inflows				as % of initial (1 month ago) Fund Sponsor AUM					
Fund Sponsor	Asset Class	# ETPs*	# Currently Active ETPs*	QTD (%AUM)	YTD (%AUM)	1 week (%AUM)	1 month (%AUM)	1 year (%AUM)	Current AUM (\$b)
Strategy Shares, Inc.	Equity	1	1	114.42%	208.77%	114.42%	125.96%	882.27%	\$ 0.22
Pacer Advisors, Inc.	Equity	2	2	11.85%	82.25%	11.85%	15.84%	144.98%	\$ 0.26
ARK Investment Management LLC	Equity	5	5	1.40%	132.73%	1.40%	11.78%	739.86%	\$ 2.21
Hartford Funds Management Company, LLC	Equity	3	3	2.05%	207.41%	2.05%	11.71%	422.75%	\$ 0.78
ETF Managers Capital LLC	Equity	1	1	3.37%	58.11%	3.37%	10.89%	NULL	\$ 0.15

Top 5 Equity ETF Fund Sponsors by 1M Relative outflows				as % of initial (1 month ago) Fund Sponsor AUM					
Fund Sponsor	Asset Class	# ETPs*	# Currently Active ETPs*	QTD (%AUM)	YTD (%AUM)	1 week (%AUM)	1 month (%AUM)	1 year (%AUM)	Current AUM (\$b)
Krane Funds Advisors LLC	Equity	2	2	-1.82%	26.53%	-1.82%	-13.93%	141.39%	\$ 1.84
Columbia Management Investment Advisers	Equity	3	3	-0.74%	-19.18%	-0.74%	-4.72%	-20.21%	\$ 0.83
Cambria Investment Management, LP	Equity	3	3	-1.87%	-9.86%	-1.87%	-4.48%	3.25%	\$ 0.38
Sprott Asset Management LP	Equity	2	2	0.00%	-2.42%	0.00%	-3.09%	-1.16%	\$ 0.31
Reality Shares, Inc.	Equity	2	2	0.00%	241.07%	0.00%	-2.69%	275.93%	\$ 0.19

Top 5 Equity ETFs by 1M Relative inflows				as % of initial (1 month ago) Fund Sponsor AUM					
Description	ETF	Type	Fund Sponsor	QTD (%NAV)	YTD (%NAV)	1 week (%NAV)	1 month (%NAV)	1 year (%NAV)	Current AUM (\$b)
Oppenheimer Russell 1000 Dynamic Multifactor ETF	OMFL	ETF	OppenheimerFunds Inc.	0.00%	1068.28%	0.00%	929.70%	NULL	\$ 0.15
Xtrackers MSCI EAFE High Dividend Yield Hedged Equity ETF	HDEF	ETF	Deutsche Bank AG	1.25%	3898.56%	1.25%	713.57%	3951.31%	\$ 0.19
O'Shares Global Internet Giants ETF	OGIG	ETF	O'Shares Investments	-2.34%	NULL	-2.34%	320.36%	NULL	\$ 0.05
US Equity Rotation Strategy ETF	HUSE	ETF	Strategy Shares, Inc.	114.42%	208.77%	114.42%	125.96%	882.27%	\$ 0.22
Pacer US Cash Cows 100 ETF	COWZ	ETF	Pacer Advisors, Inc.	49.69%	307.35%	49.69%	89.68%	496.00%	\$ 0.07

Top 5 Equity ETFs by 1M Relative outflows				as % of initial (1 month ago) Fund Sponsor AUM					
Description	ETF	Type	Fund Sponsor	QTD (%NAV)	YTD (%NAV)	1 week (%NAV)	1 month (%NAV)	1 year (%NAV)	Current AUM (\$b)
Barclays ETN+ FI Enhanced Europe 50 ETNotes Series B	FLEU	ETN	Barclays Bank PLC	-0.03%	-67.76%	-0.03%	-80.71%	-50.89%	\$ 0.05
Direction Daily Semiconductor Bear 3x Shares	SOKS	ETF	Direction Shares	-21.54%	68.13%	-21.54%	-39.13%	146.44%	\$ 0.06
Direction Daily Gold Miners Bear 3X Shares	DUST	ETF	Direction Shares	36.33%	-61.16%	36.33%	-36.26%	-39.02%	\$ 0.19
iShares North American Tech-Multimedia Networking ETF	IGN	ETF	BlackRock, Inc.	0.00%	-4.31%	0.00%	-35.31%	-39.77%	\$ 0.05
Direction Daily S&P Biotech Bear 3x Shares	LABD	ETF	Direction Shares	0.08%	20.56%	0.08%	-33.41%	19.93%	\$ 0.06

Fixed Income ETFs

Top 5 Fixed Income ETFs from Top Fund Sponsor by 1M Relative Inflows				as % of initial (1 month ago) Fund Sponsor AUM						
Description	ETF	Type	Fund Sponsor	QTD (%AUM)	YTD (%AUM)	1 week (%AUM)	1 month (%AUM)	1 year (%AUM)	Current AUM (\$b)	% Fund Sponsor NET Flows 1M
JPMorgan Ultra-Short Income ETF	JPST	ETF	J.P.Morgan Investment Management Inc.	6.80%	401.23%	6.80%	55.16%	784.54%	\$ 1.42	93.31%
JPMorgan Disciplined High Yield ETF	JPHY	ETF	J.P.Morgan Investment Management Inc.	1.19%	19.98%	1.19%	2.62%	69.30%	\$ 0.15	4.44%
JPMorgan Global Bond Opportunities ETF	JPOB	ETF	J.P.Morgan Investment Management Inc.	0.00%	15.57%	0.00%	1.33%	43.58%	\$ 0.17	2.25%

Top 5 Fixed Income ETF Fund Sponsors by 1M Relative inflows				as % of initial (1 month ago) Fund Sponsor AUM					
Fund Sponsor	Asset Class	# ETPs*	# Currently Active ETPs*	QTD (%AUM)	YTD (%AUM)	1 week (%AUM)	1 month (%AUM)	1 year (%AUM)	Current AUM (\$b)
J.P.Morgan Investment Management Inc.	Fixed Income	4	4	7.99%	453.65%	7.99%	59.11%	928.80%	\$ 1.79
Deutsche Bank AG	Fixed Income	4	4	2.22%	249.07%	2.22%	25.20%	644.31%	\$ 1.97
WisdomTree Investments	Fixed Income	5	5	1.00%	82.11%	1.00%	12.43%	135.81%	\$ 1.09
Janus Capital Management LLC	Fixed Income	1	1	1.52%	132.21%	1.52%	10.49%	565.72%	\$ 0.50
ALPS Advisors, Inc.	Fixed Income	3	3	0.00%	5.42%	0.00%	10.47%	21.41%	\$ 0.42

Top 5 Fixed Income ETF Fund Sponsors by 1M Relative outflows				as % of initial (1 month ago) Fund Sponsor AUM					
Fund Sponsor	Asset Class	# ETPs*	# Currently Active ETPs*	QTD (%AUM)	YTD (%AUM)	1 week (%AUM)	1 month (%AUM)	1 year (%AUM)	Current AUM (\$b)
Nuveen Investments	Fixed Income	1	1	0.00%	11.74%	0.00%	-50.09%	43.96%	\$ 0.07
Newfleet Asset Management, LLC	Fixed Income	1	1	0.00%	-23.81%	0.00%	-11.91%	-32.22%	\$ 0.12
AdvisorShares	Fixed Income	2	2	0.00%	-23.20%	0.00%	-6.48%	-38.81%	\$ 0.21
Fidelity Management & Research	Fixed Income	3	3	0.00%	11.96%	0.00%	-6.44%	36.52%	\$ 0.58
IndexIQ Advisors	Fixed Income	3	3	-1.66%	-9.98%	-1.66%	-4.15%	17.16%	\$ 0.46

Top 5 Fixed Income ETFs by 1M Relative inflows				as % of initial (1 month ago) Fund Sponsor AUM					
Description	ETF	Type	Fund Sponsor	QTD (%NAV)	YTD (%NAV)	1 week (%NAV)	1 month (%NAV)	1 year (%NAV)	Current AUM (\$b)
JPMorgan Ultra-Short Income ETF	JPST	ETF	J.P.Morgan Investment Management Inc.	8.65%	1184.78%	8.65%	78.19%	3226.00%	\$ 1.42
iShares 0-5 Year Investment Grade Corporate Bond ETF	SLQD	ETF	BlackRock, Inc.	13.98%	96.84%	13.98%	54.16%	177.96%	\$ 1.29
SPDR Portfolio Short Term Treasury ETF	SPTS	ETF	SSGA Funds Management, Inc.	2.42%	124.14%	2.42%	49.56%	256.05%	\$ 0.50
WisdomTree Bloomberg Floating Rate Treasury Fund	USFR	ETF	WisdomTree Investments	3.60%	14336.17%	3.60%	45.42%	14358.64%	\$ 0.18
Xtrackers USD High Yield Corporate Bond ETF	HYLB	ETF	Deutsche Bank AG	2.78%	222.95%	2.78%	32.20%	690.52%	\$ 1.64

Top 5 Fixed Income ETFs by 1M Relative outflows				as % of initial (1 month ago) Fund Sponsor AUM					
Description	ETF	Type	Fund Sponsor	QTD (%NAV)	YTD (%NAV)	1 week (%NAV)	1 month (%NAV)	1 year (%NAV)	Current AUM (\$b)
NuShares Enhanced Yield U.S. Aggregate Bond ETF	NUAG	ETF	Nuveen Investments	0.00%	11.74%	0.00%	-50.09%	43.96%	\$ 0.07
Fidelity Limited Term Bond ETF	FLTB	ETF	Fidelity Management & Research	0.00%	2.15%	0.00%	-39.76%	9.78%	\$ 0.11
SPDR Barclays Capital International Corporate Bond ETF	IBND	ETF	SSGA Funds Management, Inc.	-1.47%	23.34%	-1.47%	-28.74%	56.21%	\$ 0.23
SPDR Barclays International Treasury Bond	BWX	ETF	SSGA Funds Management, Inc.	-14.93%	-11.82%	-14.93%	-20.76%	-17.56%	\$ 1.30
SPDR Barclays Capital Emerging Markets Local Bond ETF	EBND	ETF	SSGA Funds Management, Inc.	0.00%	38.15%	0.00%	-17.43%	350.17%	\$ 0.52

Commodity ETFs

Top 5 Commodity ETFs from Top Fund Sponsor by 1M Relative Inflows				as % of initial (1 month ago) Fund Sponsor AUM					Current AUM (\$b)	% Fund Sponsor NET Flows 1M
Description	ETF	Type	Fund Sponsor	QTD (%AUM)	YTD (%AUM)	1 week (%AUM)	1 month (%AUM)	1 year (%AUM)		
GraniteShares Gold Trust	BAR	ETF	GraniteShares Advisors LLC.	2.48%	5012.82%	2.48%	69.45%	NULL	\$ 0.26	100.00%

Top 5 Commodity ETF Fund Sponsors by 1M Relative Inflows

Fund Sponsor	Asset Class	# ETPs*	# Currently Active ETPs*	QTD (%AUM)	YTD (%AUM)	1 week (%AUM)	1 month (%AUM)	1 year (%AUM)	Current AUM (\$b)
GraniteShares Advisors LLC.	Commodity	1	1	2.48%	5012.82%	2.48%	69.45%	NULL	\$ 0.26
Credit Suisse AG	Commodity	5	5	6.28%	-18.47%	6.28%	17.41%	43.61%	\$ 1.28
First Trust Advisors LP	Commodity	1	1	0.00%	61.91%	0.00%	9.84%	102.84%	\$ 0.30
Citigroup	Commodity	2	2	2.95%	43.37%	2.95%	4.72%	-38.01%	\$ 0.42
Direxion Shares	Commodity	1	1	2.48%	64.10%	2.48%	2.45%	245.91%	\$ 0.05

Top 5 Commodity ETF Fund Sponsors by 1M Relative outflows

Fund Sponsor	Asset Class	# ETPs*	# Currently Active ETPs*	QTD (%AUM)	YTD (%AUM)	1 week (%AUM)	1 month (%AUM)	1 year (%AUM)	Current AUM (\$b)
United States Commodities Fund LLC	Commodity	5	5	-1.78%	-26.74%	-1.78%	-9.90%	-55.57%	\$ 2.98
Deutsche Bank AG	Commodity	1	1	0.00%	-13.24%	0.00%	-8.88%	-20.30%	\$ 0.09
Swedish Export Credit Corp (SEK)	Commodity	2	2	-4.80%	-1.04%	-4.80%	-5.55%	2.43%	\$ 0.34
Aberdeen Standard Investments	Commodity	6	6	0.35%	-6.51%	0.35%	-3.62%	-3.08%	\$ 2.34
World Gold Trust Services, LLC	Commodity	1	1	-2.05%	-3.82%	-2.05%	-3.54%	-3.89%	\$ 32.35

Top 5 Commodity ETFs by 1M Relative inflows

Description	ETF	Type	Fund Sponsor	QTD (%NAV)	YTD (%NAV)	1 week (%NAV)	1 month (%NAV)	1 year (%NAV)	Current AUM (\$b)
VelocityShares 3x Inverse Crude Oil ETN	DWT	ETN	Citigroup	10.85%	126.72%	10.85%	74.21%	978.55%	\$ 0.26
GraniteShares Gold Trust	BAR	ETF	GraniteShares Advisors LLC.	2.48%	5012.82%	2.48%	69.45%	NULL	\$ 0.26
VelocityShares 3x Long Natural Gas	UGAZ	ETN	Credit Suisse AG	31.07%	-54.88%	31.07%	37.61%	36.08%	\$ 0.38
VelocityShares 3x Long Silver ETN	USLV	ETN	Credit Suisse AG	6.64%	37.01%	6.64%	35.78%	50.54%	\$ 0.36
ProShares UltraShort Bloomberg Crude Oil	SCO	ETF	ProShares Advisors LLC	4.81%	15.87%	4.81%	27.05%	182.34%	\$ 0.18

Top 5 Commodity ETFs by 1M Relative outflows

Description	ETF	Type	Fund Sponsor	QTD (%NAV)	YTD (%NAV)	1 week (%NAV)	1 month (%NAV)	1 year (%NAV)	Current AUM (\$b)
VelocityShares 3x Long Crude Oil ETN	UWT	ETN	Citigroup	-7.35%	-59.18%	-7.35%	-59.89%	-132.08%	\$ 0.16
Invesco DB Oil Fund	DBO	ETF	Invesco PowerShares Capital Management	-3.79%	-14.02%	-3.79%	-39.70%	-51.85%	\$ 0.37
ProShares Ultra Bloomberg Crude Oil	UCO	ETF	ProShares Advisors LLC	-6.44%	-52.34%	-6.44%	-20.16%	-111.41%	\$ 0.42
United States Oil Fund	USO	ETF	United States Commodities Fund LLC	-4.05%	-34.34%	-4.05%	-18.69%	-75.56%	\$ 1.77
VelocityShares 3x Inverse Natural Gas	DGAZ	ETN	Credit Suisse AG	-16.16%	101.31%	-16.16%	-12.24%	211.63%	\$ 0.29

Currency ETFs

Top 5 Currency ETFs from Top Fund Sponsor by 1M Relative Inflows				as % of initial (1 month ago) Fund Sponsor AUM					Current AUM (\$b)	% Fund Sponsor NET Flows 1M
Description	ETF	Type	Fund Sponsor	QTD (%AUM)	YTD (%AUM)	1 week (%AUM)	1 month (%AUM)	1 year (%AUM)		
WisdomTree Bloomberg U.S. Dollar Bullish Fund	USDU	ETF	WisdomTree Investments	0.00%	-22.60%	0.00%	44.61%	-44.69%	\$ 0.08	100.00%

Top 5 Currency ETF Fund Sponsors by 1M Relative Inflows

Fund Sponsor	Asset Class	# ETPs*	# Currently Active ETPs*	QTD (%AUM)	YTD (%AUM)	1 week (%AUM)	1 month (%AUM)	1 year (%AUM)	Current AUM (\$b)
WisdomTree Investments	Currency	1	1	0.00%	-22.60%	0.00%	44.61%	-44.69%	\$ 0.08

Top 5 Currency ETF Fund Sponsors by 1M Relative outflows

Fund Sponsor	Asset Class	# ETPs*	# Currently Active ETPs*	QTD (%AUM)	YTD (%AUM)	1 week (%AUM)	1 month (%AUM)	1 year (%AUM)	Current AUM (\$b)
ProShares Advisors LLC	Currency	2	2	0.00%	-24.64%	0.00%	-8.58%	-33.44%	\$ 0.26
Invesco PowerShares Capital Management	Currency	7	7	1.67%	-1.77%	1.67%	-4.48%	-12.40%	\$ 1.59

Top 5 Currency ETFs by 1M Relative inflows

Description	ETF	Type	Fund Sponsor	QTD (%NAV)	YTD (%NAV)	1 week (%NAV)	1 month (%NAV)	1 year (%NAV)	Current AUM (\$b)
WisdomTree Bloomberg U.S. Dollar Bullish Fund	USDU	ETF	WisdomTree Investments	0.00%	-22.60%	0.00%	44.61%	-44.69%	\$ 0.08
Invesco CurrencyShares* Swiss Franc Trust	FXF	ETF	Invesco PowerShares Capital Management	0.00%	9.89%	0.00%	9.65%	6.39%	\$ 0.16
Invesco CurrencyShares* Japanese Yen Trust	FXJ	ETF	Invesco PowerShares Capital Management	0.00%	58.51%	0.00%	2.64%	46.96%	\$ 0.17
Invesco CurrencyShares* Canadian Dollar Trust	FXC	ETF	Invesco PowerShares Capital Management	0.00%	2.17%	0.00%	2.26%	-12.54%	\$ 0.17

Top 5 Currency ETFs by 1M Relative outflows

Description	ETF	Type	Fund Sponsor	QTD (%NAV)	YTD (%NAV)	1 week (%NAV)	1 month (%NAV)	1 year (%NAV)	Current AUM (\$b)
Invesco DB US Dollar Index Bullish Fund	UUP	ETF	Invesco PowerShares Capital Management	2.94%	-6.72%	2.94%	-12.61%	-4.07%	\$ 0.52
ProShares UltraShort Euro	EUO	ETF	ProShares Advisors LLC	0.00%	-19.31%	0.00%	-10.54%	-23.05%	\$ 0.18
Invesco CurrencyShares* Euro Currency Trust	FXE	ETF	Invesco PowerShares Capital Management	4.18%	8.52%	4.18%	-7.38%	-27.51%	\$ 0.28
ProShares UltraShort Yen	YCS	ETF	ProShares Advisors LLC	0.00%	-32.87%	0.00%	-4.21%	-47.70%	\$ 0.08

Real Estate ETFs

Top 5 Real Estate ETFs from Top Fund Sponsor by 1M Relative Inflows										
Description	ETF	Type	Fund Sponsor	as % of initial (1 month ago) Fund Sponsor AUM					Current AUM (\$b)	% Fund Sponsor NET Flows 1M
				QTD (%AUM)	YTD (%AUM)	1 week (%AUM)	1 month (%AUM)	1 year (%AUM)		
Fidelity MSCI Real Estate Index ETF	FREL	ETF	Fidelity Management & Research	2.60%	8.68%	2.60%	25.34%	27.96%	\$ 0.49	100.00%

Top 5 Real Estate ETF Fund Sponsors by 1M Relative Inflows										
Fund Sponsor	Asset Class	# ETPs*	# Currently Active ETPs*	QTD (%AUM)	YTD (%AUM)	1 week (%AUM)	1 month (%AUM)	1 year (%AUM)	Current AUM (\$b)	
Fidelity Management & Research	Real Estate	1	1	2.60%	8.68%	2.60%	25.34%	27.96%	\$ 0.49	
Exchange Traded Concepts	Real Estate	1	1	2.44%	NULL	2.44%	10.58%	NULL	\$ 0.06	
First Trust Advisors LP	Real Estate	1	1	7.19%	-32.10%	7.19%	10.02%	-47.22%	\$ 0.11	
Mirae Asset Global Investments Co., Ltd	Real Estate	1	1	0.00%	44.13%	0.00%	8.62%	118.64%	\$ 0.09	
Van Eck Associates Corp	Real Estate	1	1	0.84%	-0.67%	0.84%	3.48%	-3.66%	\$ 0.14	

Top 5 Real Estate ETF Fund Sponsors by 1M Relative outflows										
Fund Sponsor	Asset Class	# ETPs*	# Currently Active ETPs*	QTD (%AUM)	YTD (%AUM)	1 week (%AUM)	1 month (%AUM)	1 year (%AUM)	Current AUM (\$b)	
Direxion Shares	Real Estate	1	1	-2.04%	-14.89%	-2.04%	-11.14%	-13.53%	\$ 0.06	
Invesco PowerShares Capital Management	Real Estate	2	2	-3.29%	2.73%	-3.29%	-3.04%	30.54%	\$ 0.49	
SSGA Funds Management, Inc	Real Estate	4	4	-0.56%	-6.65%	-0.56%	-2.58%	-8.76%	\$ 10.96	
ProShares Advisors LLC	Real Estate	1	1	0.00%	-12.68%	0.00%	-2.41%	-24.58%	\$ 0.14	
WisdomTree Investments	Real Estate	1	1	0.00%	10.28%	0.00%	-1.47%	22.79%	\$ 0.10	

Top 5 Real Estate ETFs by 1M Relative inflows										
Description	ETF	Type	Fund Sponsor	QTD (%NAV)	YTD (%NAV)	1 week (%NAV)	1 month (%NAV)	1 year (%NAV)	Current AUM (\$b)	
Fidelity MSCI Real Estate Index ETF	FREL	ETF	Fidelity Management & Research	2.60%	8.68%	2.60%	25.34%	27.96%	\$ 0.49	
iShares Core U.S. REIT ETF	USRT	ETF	BlackRock, Inc.	4.20%	73.81%	4.20%	13.40%	325.05%	\$ 0.62	
PPTY - U.S. Diversified Real Estate ETF	PPTY	ETF	Exchange Traded Concepts	2.44%	NULL	2.44%	10.58%	NULL	\$ 0.06	
First Trust S&P REIT Index Fund	FRI	ETF	First Trust Advisors LP	7.19%	-32.10%	7.19%	10.02%	-47.22%	\$ 0.11	
Global X SuperDividend REIT ETF	SRET	ETF	Mirae Asset Global Investments Co., Ltd	0.00%	44.13%	0.00%	8.62%	118.64%	\$ 0.09	

Top 5 Real Estate ETFs by 1M Relative outflows										
Description	ETF	Type	Fund Sponsor	QTD (%NAV)	YTD (%NAV)	1 week (%NAV)	1 month (%NAV)	1 year (%NAV)	Current AUM (\$b)	
Invesco China Real Estate ETF	TAD	ETF	Invesco PowerShares Capital Management	-16.09%	-0.35%	-16.09%	-12.76%	29.34%	\$ 0.07	
SPDR DJ Wilshire Global Real Estate ETF	RWO	ETF	SSGA Funds Management, Inc	0.00%	-14.94%	0.00%	-11.20%	-13.23%	\$ 2.38	
Direction Daily Real Estate Bull 3x Shares	DRN	ETF	Direxion Shares	-2.04%	-14.89%	-2.04%	-11.14%	-13.53%	\$ 0.06	
SPDR DJ Wilshire International Real Estate ETF	RWX	ETF	SSGA Funds Management, Inc	-1.74%	-8.15%	-1.74%	-3.63%	-12.54%	\$ 3.36	
ProShares Ultra Real Estate	URE	ETF	ProShares Advisors LLC	0.00%	-12.68%	0.00%	-2.41%	-24.58%	\$ 0.14	

Multi-Asset ETFs

Top 5 Multi-Asset ETFs from Top Fund Sponsor by 1M Relative Inflows										
Description	ETF	Type	Fund Sponsor	as % of initial (1 month ago) Fund Sponsor AUM					Current AUM (\$b)	% Fund Sponsor NET Flows 1M
				QTD (%AUM)	YTD (%AUM)	1 week (%AUM)	1 month (%AUM)	1 year (%AUM)		
Horizons S&P 500 Covered Call ETF	HSPX	ETF	Mirae Asset Global Investments Co., Ltd	0.00%	-23.28%	0.00%	5.17%	-17.81%	\$ 0.05	100.00%

Top 5 Multi-Asset ETF Fund Sponsors by 1M Relative Inflows										
Fund Sponsor	Asset Class	# ETPs*	# Currently Active ETPs*	QTD (%AUM)	YTD (%AUM)	1 week (%AUM)	1 month (%AUM)	1 year (%AUM)	Current AUM (\$b)	
Mirae Asset Global Investments Co., Ltd	Multi-Asset	1	1	0.00%	-23.28%	0.00%	5.17%	-17.81%	\$ 0.05	
Pacer Advisors, Inc	Multi-Asset	5	5	0.57%	49.67%	0.57%	4.00%	117.93%	\$ 2.20	
UBS Global Asset Management	Multi-Asset	1	1	0.00%	0.42%	0.00%	3.29%	1.52%	\$ 0.24	
Aptus Capital Advisors, LLC	Multi-Asset	1	1	0.05%	76.94%	0.05%	2.61%	93.83%	\$ 0.07	
J.P.Morgan Investment Management Inc.	Multi-Asset	2	2	0.00%	28.24%	0.00%	1.91%	221.07%	\$ 0.26	

Top 5 Multi-Asset ETF Fund Sponsors by 1M Relative outflows										
Fund Sponsor	Asset Class	# ETPs*	# Currently Active ETPs*	QTD (%AUM)	YTD (%AUM)	1 week (%AUM)	1 month (%AUM)	1 year (%AUM)	Current AUM (\$b)	
Innovator Management LLC	Multi-Asset	1	1	0.00%	109.46%	0.00%	-6.50%	NULL	\$ 0.06	
WBI Investments, Inc.	Multi-Asset	2	2	-1.29%	-9.10%	-1.29%	-5.79%	-11.89%	\$ 0.37	
Arrow Funds	Multi-Asset	1	1	0.00%	-17.60%	0.00%	-1.87%	-24.68%	\$ 0.07	
Transamerica Asset Management, Inc	Multi-Asset	3	3	0.00%	-4.72%	0.00%	-1.48%	NULL	\$ 0.76	
First Trust Advisors LP	Multi-Asset	4	4	-0.29%	10.04%	-0.29%	-1.12%	7.20%	\$ 1.46	

Top 5 Multi-Asset ETFs by 1M Relative inflows										
Description	ETF	Type	Fund Sponsor	QTD (%NAV)	YTD (%NAV)	1 week (%NAV)	1 month (%NAV)	1 year (%NAV)	Current AUM (\$b)	
iShares Commodities Select Strategy ETF	COMT	ETF	BlackRock, Inc.	8.41%	157.36%	8.41%	8.40%	265.63%	\$ 0.78	
Pacer WealthShield ETF	PWS	ETF	Pacer Advisors, Inc	0.00%	184.75%	0.00%	7.42%	NULL	\$ 0.08	
Pacer Trendplot 100 ETF	PTNQ	ETF	Pacer Advisors, Inc	0.00%	69.39%	0.00%	5.37%	170.56%	\$ 0.27	
Horizons S&P 500 Covered Call ETF	HSPX	ETF	Mirae Asset Global Investments Co., Ltd	0.00%	-23.28%	0.00%	5.17%	-17.81%	\$ 0.05	
Pacer Trendplot US Mid Cap ETF	PTMC	ETF	Pacer Advisors, Inc	0.87%	27.66%	0.87%	4.47%	66.58%	\$ 0.57	

Top 5 Multi-Asset ETFs by 1M Relative outflows										
Description	ETF	Type	Fund Sponsor	QTD (%NAV)	YTD (%NAV)	1 week (%NAV)	1 month (%NAV)	1 year (%NAV)	Current AUM (\$b)	
WBI Tactical Income Shares	WBI	ETF	WBI Investments, Inc.	-1.24%	-33.54%	-1.24%	-20.03%	-36.31%	\$ 0.10	
Invesco DWA Tactical Sector Rotation ETF	DWTR	ETF	Invesco PowerShares Capital Management	6.49%	1.90%	6.49%	-11.52%	-27.56%	\$ 0.07	
First Trust RiverFront Dynamic Emerging Markets ETF	RFEEM	ETF	First Trust Advisors LP	-2.41%	80.21%	-2.41%	-9.90%	275.11%	\$ 0.13	
Innovator iBD ETF Leaders ETF	LDNS	ETF	Innovator Management LLC	0.00%	109.46%	0.00%	-6.50%	NULL	\$ 0.06	
DeltaShares S&P 400 Managed Risk ETF	DMRM	ETF	Transamerica Asset Management, Inc	0.00%	-18.43%	0.00%	-4.77%	NULL	\$ 0.11	

Hybrid ETFs

Top 5 Hybrid ETFs from Top Fund Sponsor by 1M Relative Inflows				as % of initial (1 month ago) Fund Sponsor AUM					Current AUM (\$b)	% Fund Sponsor NET Flows 1M
Description	ETF	Type	Fund Sponsor	QTD (%AUM)	YTD (%AUM)	1 week (%AUM)	1 month (%AUM)	1 year (%AUM)		
SPDR Barclays Capital Convertible Bond ETF	CWB	ETF	SSGA Funds Management, Inc	0.31%	6.35%	0.31%	4.15%	5.69%	\$ 4.55	66.79%
SPDR Wells Fargo Preferred Stock ETF	PSK	ETF	SSGA Funds Management, Inc	1.29%	1.47%	1.29%	2.07%	2.96%	\$ 0.65	33.21%

Top 5 Hybrid ETF Fund Sponsors by 1M Relative Inflows

Fund Sponsor	Asset Class	# ETPs*	# Currently Active ETPs*	QTD (%AUM)	YTD (%AUM)	1 week (%AUM)	1 month (%AUM)	1 year (%AUM)	Current AUM (\$b)
SSGA Funds Management, Inc	Hybrid	2	2	1.60%	7.82%	1.60%	6.22%	8.65%	\$ 5.20
Mirae Asset Global Investments Co., Ltd	Hybrid	2	2	0.40%	28.92%	0.40%	3.24%	37.88%	\$ 0.32
Van Eck Associates Corp	Hybrid	1	1	0.37%	3.02%	0.37%	2.28%	17.20%	\$ 0.53
Invesco PowerShares Capital Management	Hybrid	3	3	1.96%	2.57%	1.96%	2.25%	10.92%	\$ 9.19
First Trust Advisors LP	Hybrid	3	3	0.51%	15.33%	0.51%	0.99%	60.18%	\$ 3.75

Top 5 Hybrid ETF Fund Sponsors by 1M Relative outflows

Fund Sponsor	Asset Class	# ETPs*	# Currently Active ETPs*	QTD (%AUM)	YTD (%AUM)	1 week (%AUM)	1 month (%AUM)	1 year (%AUM)	Current AUM (\$b)
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Top 5 Hybrid ETFs by 1M Relative inflows

Description	ETF	Type	Fund Sponsor	QTD (%NAV)	YTD (%NAV)	1 week (%NAV)	1 month (%NAV)	1 year (%NAV)	Current AUM (\$b)
SPDR Wells Fargo Preferred Stock ETF	PSK	ETF	SSGA Funds Management, Inc	11.14%	11.42%	11.14%	18.64%	24.59%	\$ 0.65
Global X U.S. Preferred ETF	PFFD	ETF	Mirae Asset Global Investments Co., Ltd	2.25%	288.03%	2.25%	10.98%	NULL	\$ 0.11
First Trust SSI Strategic Convertible Securities ETF	FCVT	ETF	First Trust Advisors LP	2.74%	165.74%	2.74%	5.55%	216.52%	\$ 0.17
SPDR Barclays Capital Convertible Bond ETF	CWB	ETF	SSGA Funds Management, Inc	0.36%	7.29%	0.36%	4.67%	6.47%	\$ 4.55
Invesco Variable Rate Preferred ETF	VRP	ETF	Invesco PowerShares Capital Management	3.80%	15.76%	3.80%	3.78%	37.47%	\$ 2.20

Top 5 Hybrid ETFs by 1M Relative outflows

Description	ETF	Type	Fund Sponsor	QTD (%NAV)	YTD (%NAV)	1 week (%NAV)	1 month (%NAV)	1 year (%NAV)	Current AUM (\$b)
iShares Convertible Bond ETF	ICVT	ETF	BlackRock, Inc.	0.00%	-49.86%	0.00%	-32.98%	-10.72%	\$ 0.20
iShares International Preferred Stock ETF	IPFF	ETF	BlackRock, Inc.	-9.14%	-22.50%	-9.14%	-13.84%	-6.68%	\$ 0.07
First Trust Institutional Preferred Securities and Income ETF	FPEI	ETF	First Trust Advisors LP	1.13%	115.30%	1.13%	-1.12%	NULL	\$ 0.08
Global X Superincome Preferred ETF	SPFF	ETF	Mirae Asset Global Investments Co., Ltd	-0.59%	-5.23%	-0.59%	-0.59%	-8.82%	\$ 0.20

Volatility ETFs

Top 5 Equity ETFs from Top Fund Sponsor by 1M Relative Inflows				as % of initial (1 month ago) Fund Sponsor AUM					Current AUM (\$b)	% Fund Sponsor NET Flows 1M
Description	ETF	Type	Fund Sponsor	QTD (%AUM)	YTD (%AUM)	1 week (%AUM)	1 month (%AUM)	1 year (%AUM)		
VelocityShares Daily 2x VIX Short Term ETN	TVIX	ETN	Credit Suisse AG	0.00%	86.57%	0.00%	4.89%	179.78%	\$ 0.48	140.91%

Top 5 Volatility ETF Fund Sponsors by 1M Relative Inflows

Fund Sponsor	Asset Class	# ETPs*	# Currently Active ETPs*	QTD (%AUM)	YTD (%AUM)	1 week (%AUM)	1 month (%AUM)	1 year (%AUM)	Current AUM (\$b)
Credit Suisse AG	Volatility	2	2	0.00%	75.40%	0.00%	3.47%	169.87%	\$ 0.60

Top 5 Volatility ETF Fund Sponsors by 1M Relative outflows

Fund Sponsor	Asset Class	# ETPs*	# Currently Active ETPs*	QTD (%AUM)	YTD (%AUM)	1 week (%AUM)	1 month (%AUM)	1 year (%AUM)	Current AUM (\$b)
Barclays Bank PLC	Volatility	2	2	-7.82%	-26.76%	-7.82%	-20.21%	32.29%	\$ 0.80
ProShares Advisors LLC	Volatility	3	3	11.82%	94.05%	11.82%	-9.44%	92.90%	\$ 1.08

Top 5 Volatility ETFs by 1M Relative inflows

Description	ETF	Type	Fund Sponsor	QTD (%NAV)	YTD (%NAV)	1 week (%NAV)	1 month (%NAV)	1 year (%NAV)	Current AUM (\$b)
VelocityShares Daily 2x VIX Short Term ETN	TVIX	ETN	Credit Suisse AG	0.00%	172.17%	0.00%	6.51%	295.62%	\$ 0.48
ProShares VIX Short-Term Futures ETF	VIXY	ETF	ProShares Advisors LLC	0.00%	-67.06%	0.00%	0.32%	-10.03%	\$ 0.11

Top 5 Volatility ETFs by 1M Relative outflows

Description	ETF	Type	Fund Sponsor	QTD (%NAV)	YTD (%NAV)	1 week (%NAV)	1 month (%NAV)	1 year (%NAV)	Current AUM (\$b)
iPath S&P 500 VIX Short-Term Futures ETN	VXX	ETN	Barclays Bank PLC	-9.09%	-37.50%	-9.09%	-23.15%	22.51%	\$ 0.68
ProShares Ultra VIX Short-Term Futures	UVXY	ETF	ProShares Advisors LLC	32.73%	-64.30%	32.73%	-12.91%	69.47%	\$ 0.43
ProShares Short VIX Short-Term Futures	SVXY	ETF	ProShares Advisors LLC	0.00%	197.52%	0.00%	-8.51%	129.70%	\$ 0.55
VelocityShares Daily Inverse VIX Medium Term ETN	ZIV	ETN	Credit Suisse AG	0.00%	-22.45%	0.00%	-5.88%	-25.29%	\$ 0.12
iPath Series B S&P 500 VIX Short-Term Futures ETN	VXXB	ETN	Barclays Bank PLC	-0.28%	NULL	-0.28%	-0.32%	NULL	\$ 0.13

*# of ETPs represents ETPs > \$50M AUM Only