

ETF asset classes by YTD net asset flows													Total											
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	2003	1457	\$ 7.165	\$ 19.792	\$ 25.084	\$ 334.285	\$ 2.766	\$ 2.766	\$ 38.677	\$ 109.314	\$ 2.766	\$ 23.281	\$ 237.929	\$ 704.534	\$ 1,062.893	\$ 1,535.507	\$ 2,006.605	\$ 2,886.738						
Fixed Income	457	355	\$ 0.575	\$ 6.443	\$ 30.588	\$ 121.166	\$ 3.485	\$ 3.485	\$ 18.588	\$ 64.568	\$ 3.485	\$ 6.793	\$ 95.530	\$ 283.962	\$ 372.465	\$ 565.448	\$ 614.555	\$ 600.376						
Volatility	38	18	\$ 0.153	\$ 0.393	\$ 0.385	\$ 2.223	\$ (0.051)	\$ (0.051)	\$ 0.838	\$ 2.652	\$ (0.051)	\$ 0.194	\$ 1.941	\$ 7.827	\$ 11.383	\$ 21.710	\$ 21.710	\$ 3.179						
Multi-Asset	162	95	\$ 0.061	\$ 0.246	\$ 0.953	\$ 2.691	\$ 0.037	\$ 0.037	\$ 0.540	\$ 1.900	\$ 0.037	\$ 0.203	\$ 2.935	\$ 6.673	\$ 10.520	\$ 14.102	\$ 14.382	\$ 14.884						
Hybrid	20	18	\$ 0.078	\$ 0.256	\$ 0.302	\$ 5.631	\$ (0.174)	\$ (0.174)	\$ 1.199	\$ 0.866	\$ (0.174)	\$ (0.028)	\$ 1.599	\$ 14.926	\$ 21.213	\$ 35.146	\$ 36.075	\$ 36.255						
Currency	55	38	\$ (0.032)	\$ (0.018)	\$ (0.133)	\$ (0.795)	\$ (0.005)	\$ (0.005)	\$ (0.091)	\$ (0.253)	\$ (0.005)	\$ (0.006)	\$ (0.551)	\$ (1.679)	\$ (2.471)	\$ (3.704)	\$ 1.508	\$ 2.103						
Real Estate	59	47	\$ (0.336)	\$ 0.530	\$ (0.043)	\$ 4.869	\$ 0.107	\$ 0.107	\$ 2.118	\$ (0.301)	\$ 0.107	\$ 0.075	\$ 0.578	\$ 13.899	\$ 25.326	\$ 48.271	\$ 59.428	\$ 68.277						
Commodity	214	126	\$ (0.488)	\$ (2.462)	\$ (1.279)	\$ 3.035	\$ (0.400)	\$ (0.400)	\$ (4.072)	\$ (3.892)	\$ (0.400)	\$ (2.296)	\$ (2.704)	\$ 11.238	\$ 34.117	\$ 69.540	\$ 97.662	\$ 61.780						

Investment Philosophy by YTD net asset flows													Total											
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	1661	1135	\$ 5.326	\$ 19.041	\$ 32.035	\$ 391.901	\$ 3.184	\$ 3.184	\$ 40.525	\$ 117.846	\$ 3.184	\$ 19.859	\$ 245.552	\$ 827.451	\$ 1,197.021	\$ 1,796.768	\$ 2,272.851	\$ 2,845.312						
Enhanced Strategy	1045	786	\$ 1.170	\$ 3.960	\$ 16.929	\$ 66.251	\$ 1.877	\$ 1.877	\$ 11.872	\$ 38.886	\$ 1.877	\$ 5.998	\$ 67.792	\$ 174.546	\$ 291.430	\$ 427.663	\$ 516.903	\$ 765.147						
Actively managed	298	233	\$ 0.679	\$ 2.179	\$ 6.893	\$ 14.954	\$ 0.704	\$ 0.704	\$ 5.398	\$ 18.123	\$ 0.704	\$ 2.358	\$ 23.912	\$ 39.385	\$ 46.996	\$ 61.588	\$ 62.102	\$ 63.136						

Enhanced Strategy by YTD net asset flows													Total											
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	\$ 0.260	\$ 0.592	\$ 6.511	\$ 10.885	\$ 0.662	\$ 0.662	\$ 2.218	\$ 10.687	\$ 0.662	\$ 1.014	\$ 13.987	\$ 31.124	\$ 50.293	\$ 62.167	\$ 99.527	\$ 202.792						
Value	65	51	\$ 0.315	\$ 2.402	\$ 3.963	\$ 18.724	\$ 0.664	\$ 0.664	\$ 6.171	\$ 8.195	\$ 0.664	\$ 2.417	\$ 17.792	\$ 58.531	\$ 77.103	\$ 99.744	\$ 125.781	\$ 191.157						
Multi-Factor	137	122	\$ 0.251	\$ 0.806	\$ 2.409	\$ 7.136	\$ 0.115	\$ 0.115	\$ 1.554	\$ 7.021	\$ 0.115	\$ 0.872	\$ 9.473	\$ 21.078	\$ 21.458	\$ 21.493	\$ 21.619	\$ 24.109						
Fundamentals	136	118	\$ 0.148	\$ 0.564	\$ 2.464	\$ 6.482	\$ 0.389	\$ 0.389	\$ 1.617	\$ 6.894	\$ 0.389	\$ 0.937	\$ 9.657	\$ 13.369	\$ 34.563	\$ 45.359	\$ 49.236	\$ 66.278						
Technical / Momentum	59	45	\$ 0.285	\$ 0.723	\$ 1.484	\$ 3.329	\$ 0.117	\$ 0.117	\$ 0.449	\$ 4.790	\$ 0.117	\$ 0.780	\$ 7.018	\$ 8.038	\$ 14.871	\$ 16.778	\$ 17.816	\$ 22.149						
Risk / Volatility	107	81	\$ (0.104)	\$ 0.304	\$ 0.986	\$ 5.660	\$ 0.026	\$ 0.026	\$ 1.057	\$ 2.066	\$ 0.026	\$ 0.551	\$ 4.614	\$ 24.186	\$ 32.300	\$ 44.154	\$ 44.235	\$ 56.253						
Thematic	25	19	\$ (0.022)	\$ (0.036)	\$ 0.140	\$ 1.941	\$ 0.021	\$ 0.021	\$ (0.071)	\$ 1.819	\$ 0.021	\$ (0.008)	\$ 3.055	\$ 3.868	\$ 4.593	\$ 4.599	\$ 4.599	\$ 5.018						
Long-Short / Market Neutral	22	14	\$ 0.006	\$ 0.023	\$ 0.151	\$ 0.172	\$ 0.025	\$ 0.025	\$ 0.080	\$ 0.406	\$ 0.025	\$ 0.044	\$ 0.515	\$ 0.635	\$ 0.988	\$ 1.455	\$ 1.460	\$ 1.710						
Other	121	59	\$ 0.011	\$ (0.086)	\$ 0.372	\$ 1.655	\$ (0.017)	\$ (0.017)	\$ (0.386)	\$ 0.360	\$ (0.017)	\$ (0.039)	\$ 1.118	\$ 2.615	\$ 5.108	\$ 5.279	\$ 9.296	\$ 7.394						
Hedging	13	10	\$ (0.042)	\$ (0.015)	\$ 0.017	\$ 0.285	\$ -	\$ -	\$ 0.052	\$ 0.288	\$ -	\$ (0.040)	\$ 0.297	\$ 0.568	\$ 0.879	\$ 1.099	\$ 1.178	\$ 1.012						
Mergers & Acquisitions	4	2	\$ 0.002	\$ 0.011	\$ 0.060	\$ 0.215	\$ 0.001	\$ 0.001	\$ 0.029	\$ 0.241	\$ 0.001	\$ 0.004	\$ 0.338	\$ 0.433	\$ 0.475	\$ 0.593	\$ 0.593	\$ 0.619						
Contango / Backwardation	71	35	\$ (0.032)	\$ (0.359)	\$ 0.114	\$ (0.949)	\$ (0.062)	\$ (0.062)	\$ (0.765)	\$ 0.045	\$ (0.062)	\$ (0.481)	\$ (0.059)	\$ (0.578)	\$ (2.853)	\$ 3.388	\$ 7.575	\$ 5.009						
Hedge Funds	16	9	\$ 0.001	\$ 0.008	\$ 0.083	\$ (0.087)	\$ -	\$ -	\$ (0.006)	\$ 0.044	\$ -	\$ 0.005	\$ 0.112	\$ (0.161)	\$ 0.650	\$ 1.343	\$ 1.343	\$ 1.457						
Insider Trading	2	2	\$ -	\$ (0.002)	\$ (0.003)	\$ (0.006)	\$ -	\$ -	\$ 0.002	\$ (0.010)	\$ -	\$ (0.002)	\$ (0.009)	\$ (0.001)	\$ 0.080	\$ 0.160	\$ 0.188	\$ 0.309						
Foreign Exchange	2	1	\$ -	\$ -	\$ (0.006)	\$ (0.011)	\$ -	\$ -	\$ -	\$ (0.015)	\$ -	\$ -	\$ (0.021)	\$ (0.069)	\$ (0.228)	\$ (0.497)	\$ 0.104	\$ 0.024						
Quality	33	28	\$ (0.027)	\$ (0.014)	\$ (0.251)	\$ 1.033	\$ (0.019)	\$ (0.019)	\$ (0.005)	\$ (0.057)	\$ (0.019)	\$ (0.032)	\$ 0.142	\$ 2.009	\$ 3.362	\$ 4.641	\$ 4.641	\$ 5.218						
Dividend / Income	165	144	\$ 0.118	\$ (0.962)	\$ (1.564)	\$ 9.786	\$ (0.045)	\$ (0.045)	\$ (0.125)	\$ (3.886)	\$ (0.045)	\$ (0.025)	\$ (0.237)	\$ 8.899	\$ 47.791	\$ 115.909	\$ 127.710	\$ 174.641						

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	
iShares Gold Trust	IAU	ETF	BlackRock, Inc.	\$ 0.07	\$ 0.05	\$ (0.06)	\$ 1.96	\$ 0.02	\$ 0.02	\$ (0.20)	\$ 0.94	\$ 0.02	\$ 0.09	\$ 1.98	\$ 4.41	\$ 3.80	\$ 9.53	\$ 10.68	\$ 10.14	154.39%	
iShares Silver Trust	SLV	ETF	BlackRock, Inc.	\$ 0.01	\$ 0.01	\$ 0.04	\$ (0.31)	\$ 0.04	\$ 0.04	\$ 0.18	\$ 0.14	\$ 0.04	\$ 0.03	\$ 0.08	\$ 0.22	\$ 0.03	\$ 1.97	\$ 4.95	\$ 4.71	58.99%	

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 (\$)		
BlackRock, Inc.	Commodity	6		6	0.08	(0.02)	(0.04)	1.92	0.06	0.06	(0.10)	1.01	0.06	2.04	5.18	4.41	12.79	17.54	16.26		
Perth Mint	Commodity	1		1	0.01	0.02	NULL	NULL	0.01	0.01	0.03	0.03	0.01	0.03	0.03	0.03	0.03	0.03	0.03	0.03	
Citigroup	Commodity	2		2	0.00	(0.02)	0.04	0.21	0.01	0.01	(0.03)	0.10	0.01	0.11	0.50	0.50	0.50	0.50	0.50	0.39	
GraniteShares Advisors LLC.	Commodity	4		4	-	0.02	0.25	0.02	-	-	0.05	0.33	-	0.00	0.34	0.35	0.35	0.35	0.35	0.32	
First Trust Advisors LP	Commodity	2		2	0.01	0.00	0.10	(0.01)	-	-	(0.06)	0.07	-	0.11	0.09	0.37	0.37	0.37	0.37	0.24	

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	(0.36)	(1.73)	(1.07)	0.92	(0.38)	(0.38)	(2.86)	(3.52)	(0.38)	(3.44)	3.34	(5.56)	(0.25)	11.84	28.66		
Invesco PowerShares Capital Management	Commodity	10		9	(0.01)	(0.16)	0.87	(0.46)	(0.05)	(0.05)	(0.50)	1.45	(0.05)	(0.35)	1.60	1.66	(0.35)	4.99	8.54	6.19	
United States Commodities Fund LLC	Commodity	14		10	(0.14)	(0.37)	(0.19)	(1.05)	0.02	0.02	(0.26)	(1.12)	0.02	(1.95)	(1.21)	1.56	5.80	8.65	2.77		
Barclays Bank PLC	Commodity	58		23	(0.01)	(0.10)	(0.84)	0.07	(0.01)	(0.01)	(0.26)	(1.20)	(0.01)	(0.06)	(1.08)	(1.00)	(0.21)	0.34	4.03	1.27	
ProShares Advisors LLC	Commodity	15		12	(0.02)	(0.03)	(0.03)	(0.36)	(0.02)	(0.02)	(0.05)	(0.31)	(0.02)	(0.53)	(0.28)	0.55	2.72	2.72	0.96		

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	\$ 0.02	\$ 0.15	\$ 0.81	\$ 0.27	\$ 0.01	\$ 0.01	\$ 0.19	\$ 1.39	\$ 0.01	\$ 0.09	\$ 1.61	\$ 2.10	\$ 2.11	\$ 2.11	\$ 2.11	\$ 2.11	2.13	
iShares Gold Trust	IAU	ETF	BlackRock, Inc.	\$ 0.07	\$ 0.05	\$ (0.06)	\$ 1.96	\$ 0.02	\$ 0.02	\$ (0.20)	\$ 0.94	\$ 0.02	\$ 0.09	\$ 1.98	\$ 4.41	\$ 3.80	\$ 9.53	\$ 10.68	\$ 10.14		
VelocityShares 3x Inverse Natural Gas	DGAZ	ETN	Credit Suisse AG	\$ (0.06)	\$ 0.14	\$ 0.20	\$ (0.14)	\$ (0.07)	\$ (0.07)	\$ (0.08)	\$ 0.13	\$ (0.07)	\$ 0.04	\$ 0.16	\$ 0.34	\$ 0.45	\$ 0.49	\$ 0.49	\$ 0.49	0.29	
iShares Silver Trust	SLV	ETF	BlackRock, Inc.	\$ 0.01	\$ 0.01	\$ 0.04	\$ (0.31)	\$ 0.04	\$ 0.04	\$ 0.18	\$ 0.14	\$ 0.04	\$ 0.03	\$ 0.08	\$ 0.22	\$ 0.03	\$ 1.97	\$ 4.95	\$ 4.71		
Perth Mint Physical Gold ETF	AAAU	ETF	Perth Mint	\$ 0.01	\$ 0.02	NULL	NULL	\$ 0.01	\$ 0.01	\$ 0.03	\$ 0.03	\$ 0.01	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	0.03	

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	\$ (0.36)	\$ (1.73)	\$ (1.07)	\$ 0.92	\$ (0.38)	\$ (0.38)	\$ (2.86)	\$ (3.52)	\$ (0.38)	\$ (1.61)	\$ (3.44)	\$ 3.34	\$ (5.56)	\$ (0.25)	\$ 11.84	\$ 28.66		
Invesco DB Commodity Index Tracking Fund	DBC	ETF	Invesco PowerShares Capital Management	\$ (0.00)	\$ (0.24)	\$ 0.16	\$ (0.43)	\$ (0.00)	\$ (0.00)	\$ (0.46)	\$ 0.19	\$ (0.00)	\$ 0.34	\$ (0.23)	\$ (2.04)	\$ 2.88	\$ 4.22	\$ 4.22	\$ 2.46		
Invesco DB Oil Fund	DBO	ETF	Invesco PowerShares Capital Management	\$ (0.01)	\$ (0.01)	\$ 0.00	\$ (0.14)	\$ -	\$ -	\$ (0.01)	\$ 0.04	\$ -	\$ (0.16)	\$ (0.16)	\$ (0.17)	\$ 0.22	\$ 0.46	\$ 0.49	\$ 0.49	0.37	
United States Oil Fund	USO	ETF	United States Commodities Fund LLC	\$ (0.13)	\$ (0.20)	\$ (0.24)	\$ (1.14)	\$ 0.02	\$ 0.02	\$ (0.13)	\$ (0.75)	\$ 0.02	\$ (0.15)	\$ (1.71)	\$ (1.18)	\$ 1.45	\$ 0.96	\$ 2.23	\$ 1.63		
United States Natural Gas Fund	UNG	ETF	United States Commodities Fund LLC	\$ (0.01)	\$ (0.12)	\$ (0.05)	\$ 0.34	\$ 0.01	\$ 0.01	\$ (0.04)	\$ (0.41)	\$ 0.01	\$ (0.07)	\$ (0.18)	\$ (0.02)	\$ (0.23)	\$ 3.78	\$ 5.34	\$ 0.29		

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	
Invesco DB US Dollar Index Bullish Fund	UUP	ETF	Invesco PowerShares Capital Management	\$ (0.02)	\$ 0.04	\$ (0.02)	\$ (0.25)	\$ 0.01	\$ 0.01	\$ 0.04	\$ (0.01)	\$ 0.01	\$ 0.05	\$ (0.05)	\$ (0.55)	\$ (0.46)	\$ (0.48)	\$ 0.35	\$ 0.56	632.43%	
Invesco DB US Dollar Index Bearish Fund	UDN	ETF	Invesco PowerShares Capital Management	\$ 0.00	\$ 0.00	\$ (0.00)	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.01	\$ (0.01)	\$ (0.00)	\$ (0.02)	\$ (0.01)	\$ 0.05	\$ 0.04	118.42%	
Invesco CurrencyShares* Japanese Yen Trust	FXJ	ETF	Invesco PowerShares Capital Management	\$ -	\$ 0.01	\$ (0.01)	\$ (0.03)	\$ (0.00)	\$ (0.00)	\$ (0.04)	\$ 0.02	\$ (0.00)	\$ 0.00	\$ 0.02	\$ (0.03)	\$ 0.00	\$ (0.81)	\$ (0.09)	\$ 0.13	59.76%	
Invesco CurrencyShares* Canadian Dollar Trust	FXC	ETF	Invesco PowerShares Capital Management	\$ 0.00	\$ (0.00)	\$ (0.00)	\$ (0.03)	\$ -	\$ -	\$ (0.01)	\$ (0.00)	\$ -	\$ 0.00	\$ (0.03)	\$ (0.07)	\$ (0.14)	\$ 0.00	\$ 0.20	\$ 0.16	0.48%	

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 (\$)		
Invesco PowerShares Capital Management	Currency	12		12	(0.02)	0.00	(0.11)	(0.48)	(0.01)	(0.01)	(0.06)	(0.08)	(0.01)	0.01	(0.33)	(0.70)	(1.02)	(2.98)	1.32	1.59	

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 (\$)		
ProShares Advisors LLC	Currency	7		6	(0.01)	(0.01)	(0.04)	(0.23)	0.00	0.00	(0.02)	(0.11)	0.00	(0.16)	(0.63)	(1.00)	(0.09)	(0.09)	0.27		
WisdomTree Investments	Currency	8		4	(0.00)	(0.01)	0.03	(0.12)	-	-	(0.01)	(0.05)	-	(0.00)	(0.08)	(0.33)	(0.29)	(0.11)	0.33	0.16	

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 (\$)		
Invesco DB US Dollar Index Bullish Fund	UUP	ETF	Invesco PowerShares Capital Management	\$ (0.02)	\$ 0.04	\$ (0.02)	\$ (0.25)	\$ 0.01	\$ 0.01	\$ 0.04	\$ (0.01)	\$ 0.01	\$ 0.05	\$ (0.05)	\$ (0.55)	\$ (0.46)	\$ (0.48)	\$ 0.35	\$ 0.56		
Invesco DB US Dollar Index Bearish Fund	UDN	ETF	Invesco PowerShares Capital Management	\$ 0.00	\$ 0.00	\$ (0.00)	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.01	\$ (0.01)	\$ (0.00)	\$ (0.02)	\$ (0.01)	\$ 0.05	\$ 0.04		
Invesco CurrencyShares* Japanese Yen Trust	FXJ	ETF	Invesco PowerShares Capital Management	\$ -	\$ 0.01	\$ (0.01)	\$ (0.03)	\$ (0.00)	\$ (0.00)	\$ (0.04)	\$ 0.02	\$ (0.00)	\$ 0.00	\$ 0.02	\$ (0.03)	\$ 0.00	\$ (0.81)	\$ (0.09)	\$ 0.13		
Invesco CurrencyShares* Canadian Dollar Trust	FXC	ETF	Invesco PowerShares Capital Management	\$ 0.00	\$ (0.00)	\$ (0.00)	\$ (0.03)	\$ -	\$ -	\$ (0.01)	\$ (0.00)	\$ -	\$ 0.00	\$ (0.03)	\$ (0.07)	\$ (0.14)	\$ 0.00	\$ 0.20	\$ 0.16		

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 CurrencyShares* Euro Currency Trust	FXE	ETF	Invesco PowerShares Capital Management	\$ (0.02)	\$ (0.04)	\$ (0.05)	\$ 0.01	\$ (0.01)	\$ (0.01)	\$ (0.06)	\$ (0.04)	\$ (0.01)	\$ (0.04)	\$ (0.12)	\$ (0.05)	\$ 0.04	\$ (0.59)	\$ 0.20	\$ 0.21		
ProShares UltraShort Yen	YCS	ETF	ProShares Advisors LLC	\$ (0.00)	\$ (0.01)	\$ (0.01)	\$ (0.12)	\$ -	\$ -	\$ (0.01)	\$ (0.05)	\$ -	\$ (0.01)	\$ (0.07)	\$ (0.22)	\$ (0.54)	\$ (0.12)	\$ (0.12)	\$ 0.07		
Invesco CurrencyShares* Australian Dollar Trust	FXA	ETF	Invesco PowerShares Capital Management	\$ -	\$ (0.01)	\$ 0.00	\$ (0.05)	\$ -	\$ -	\$ (0.00)	\$ (0.00)	\$ -	\$ (0.01)	\$ (0.05)	\$ (0.06)	\$ (0.21)	\$ (0.25)	\$ 0.12	\$ 0.12	0.12	
ProShares UltraShort Euro	EUD	ETF	ProShares Advisors LLC	\$ (0.00)	\$ (0.01)	\$ (0.03)	\$ (0.09)	\$ 0.00	\$ 0.00	\$ (0.01)	\$ (0.05)	\$ 0.00	\$ (0.00)	\$ (0.07)	\$ (0.39)	\$ (0.44)	\$ 0.01	\$ 0.01	\$ 0.17		
WisdomTree Bloomberg U.S. Dollar Bullish Fund	USDU	ETF	WisdomTree Investments	\$ (0.00)	\$ (0.00)	\$ 0.03	\$ (0.08)	\$ -	\$ -	\$ 0.01	\$ (0.02)	\$ -	\$ (0.00)	\$ (0.05)	\$ (0.22)	\$ 0.09	\$ 0.09	\$ 0.09	\$ 0.09	0.09	

Real Estate ETFs

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

Table with columns: 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. Row 1: Schwab US REIT ETF, SCHH, ETF, Charles Schwab Investment Management, \$ 0.01, \$ 0.14, \$ 0.19, \$ 1.13, \$ 0.02, \$ 0.02, \$ 0.21, \$ 0.63, \$ 0.02, \$ 0.15, \$ 0.96, \$ 2.91, \$ 3.76, \$ 4.29, \$ 4.29, \$ 4.80, 4.80, 100.00%

Top 5 Real Estate ETF Fund Sponsors by 1M Inflows

Table with columns: 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 (\$). Rows: Charles Schwab Investment Management, Vanguard, UBS Global Asset Management, Fidelity Management & Research, Mirae Asset Global Investments Co., Ltd.

Top 5 Real Estate ETF Fund Sponsors by 1M Outflows

Table with columns: 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 (\$). Rows: BlackRock, Inc., SSGA Funds Management, Inc., ProShares Advisors LLC, Direxion Shares, iShares Global REIT

Top 5 Real Estate ETFs by 1M Inflows

Table with columns: 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 (\$). Rows: Vanguard Real Estate Index Fund, Schwab US REIT ETF, Real Estate Select Sector SPDR Fund, iShares Global REIT ETF, iShares Mortgage Real Estate ETF

Top 5 Real Estate ETFs by 1M Outflows

Table with columns: 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 (\$). Rows: iShares U.S. Real Estate ETF, SPDR DJ Wilshire International Real Estate ETF, Vanguard Global ex-U.S. Real Estate Index Fund ETF, SPDR Dow Jones REIT ETF, iShares Cohen & Steers REIT ETF

Multi-Asset ETFs

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

Table with columns: 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. Rows: Pacer Trendplot US Large Cap ETF, Pacer Trendplot US Mid Cap ETF, Pacer Trendplot 100 ETF

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

Table with columns: 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 (\$). Rows: Pacer Advisors, Inc., Aptus Capital Advisors, LLC, First Trust Advisors LP, Mirae Asset Global Investments Co., Ltd, WisdomTree Investments

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

Table with columns: 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 (\$). Rows: BlackRock, Inc., WBI Investments, Inc., Innovator Management LLC, Transamerica Asset Management, Inc, Credit Suisse AG

Top 5 Multi-Asset ETFs by 1M Inflows

Table with columns: 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 (\$). Rows: Pacer Trendplot US Large Cap ETF, Aptus Defined Risk ETF, First Trust Dorsey Wright Dynamic Focus S ETF, Pacer Trendplot US Mid Cap ETF, Horizons S&P 500 Covered Call ETF

Top 5 Multi-Asset ETFs by 1M Outflows

Table with columns: 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 (\$). Rows: WBI Bull/Bear Global High Income ETF, iShares Commodities Select Strategy ETF, DeltaShares S&P 500 Managed Risk ETF, Innovator IBOT ETF Leaders ETF, First Trust Multi-Asset Diversified Income Index Fund

Hybrid ETFs

Top 5 Hybrid 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
First Trust Preferred Securities and Income ETF	FPE	ETF	First Trust Advisors LP	\$ 0.01	\$ 0.04	\$ 0.04	\$ 1.66	\$ 0.01	\$ 0.01	\$ 0.08	\$ 0.44	\$ 0.01	\$ 0.04	\$ 1.00	\$ 3.28	\$ 3.55	\$ 3.63	\$ 3.63	\$ 3.56	105.21%
First Trust Institutional Preferred Securities and Income ETF	FPEI	ETF	First Trust Advisors LP	\$ -	\$ 0.00	\$ 0.01	\$ 0.04	\$ -	\$ -	\$ 0.01	\$ 0.05	\$ -	\$ 0.00	\$ 0.07	\$ 0.09	\$ 0.09	\$ 0.09	\$ 0.09	\$ 0.09	2.56%

Top 5 Hybrid 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 (\$)
First Trust Advisors LP	Hybrid	3		\$ 0.01	\$ 0.04	\$ 0.10	\$ 1.74	\$ 0.01	\$ 0.01	\$ 0.10	\$ 0.60	\$ 0.01	\$ 0.04	\$ 1.19	\$ 3.54	\$ 3.82	\$ 3.90	\$ 3.90	\$ 3.83
BlackRock, Inc.	Hybrid	3		\$ 0.07	\$ 0.18	\$ (0.33)	\$ 1.16	\$ (0.13)	\$ (0.13)	\$ 0.57	\$ (0.71)	\$ (0.13)	\$ 0.03	\$ (1.03)	\$ 4.56	\$ 8.10	\$ 17.14	\$ 17.56	\$ 17.04
Van Eck Associates Corp	Hybrid	1		\$ 0.00	\$ 0.01	\$ 0.02	\$ 0.10	\$ 0.01	\$ 0.01	\$ 0.03	\$ 0.04	\$ 0.01	\$ 0.01	\$ 0.09	\$ 0.30	\$ 0.43	\$ 0.59	\$ 0.59	\$ 0.56
Mirae Asset Global Investments Co., Ltd	Hybrid	3		\$ 0.00	\$ 0.01	\$ 0.07	\$ 0.03	\$ 0.00	\$ 0.00	\$ 0.02	\$ 0.09	\$ 0.00	\$ 0.01	\$ 0.10	\$ 0.12	\$ 0.33	\$ 0.39	\$ 0.39	\$ 0.33
Infrastructure Capital Advisors, LLC	Hybrid	2		\$ -	\$ 0.00	\$ 0.00	\$ 0.02	\$ -	\$ -	\$ 0.00	\$ 0.01	\$ -	\$ 0.00	\$ 0.01	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03

Top 5 Hybrid 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	Hybrid	2		\$ 0.02	\$ 0.07	\$ 0.30	\$ 0.59	\$ (0.05)	\$ (0.05)	\$ 0.30	\$ 0.57	\$ (0.05)	\$ (0.07)	\$ 0.57	\$ 1.68	\$ 3.13	\$ 4.76	\$ 4.76	\$ 5.35
Invesco PowerShares Capital Management	Hybrid	4		\$ (0.03)	\$ (0.06)	\$ 0.13	\$ 1.94	\$ (0.02)	\$ (0.02)	\$ 0.18	\$ 0.24	\$ (0.02)	\$ (0.05)	\$ 0.64	\$ 4.62	\$ 5.30	\$ 8.27	\$ 8.78	\$ 9.04
Innovator Management LLC	Hybrid	1		\$ -	\$ (0.00)	\$ -	\$ 0.01	\$ (0.00)	\$ (0.00)	\$ (0.00)	\$ (0.00)	\$ (0.00)	\$ (0.00)	\$ (0.00)	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02

Top 5 Hybrid 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 (\$)
First Trust Preferred Securities and Income ETF	FPE	ETF	First Trust Advisors LP	\$ 0.01	\$ 0.04	\$ 0.04	\$ 1.66	\$ 0.01	\$ 0.01	\$ 0.08	\$ 0.44	\$ 0.01	\$ 0.04	\$ 1.00	\$ 3.28	\$ 3.55	\$ 3.63	\$ 3.63	\$ 3.56
iShares Convertible Bond ETF	ICVT	ETF	BlackRock, Inc.	\$ -	\$ 0.01	\$ (0.10)	\$ 0.33	\$ 0.01	\$ 0.01	\$ 0.02	\$ (0.16)	\$ 0.01	\$ 0.02	\$ (0.10)	\$ 0.16	\$ 0.18	\$ 0.18	\$ 0.18	\$ 0.22
iShares U.S. Preferred Stock ETF	PFF	ETF	BlackRock, Inc.	\$ 0.07	\$ 0.17	\$ (0.22)	\$ 0.82	\$ (0.13)	\$ (0.13)	\$ 0.56	\$ (0.52)	\$ (0.13)	\$ 0.02	\$ (0.91)	\$ 4.38	\$ 7.90	\$ 16.87	\$ 17.29	\$ 16.75
VanEck Vectors Preferred Securities ex Financials ETF	PFXF	ETF	Van Eck Associates Corp	\$ 0.00	\$ 0.01	\$ 0.02	\$ 0.10	\$ 0.01	\$ 0.01	\$ 0.03	\$ 0.04	\$ 0.01	\$ 0.01	\$ 0.09	\$ 0.30	\$ 0.43	\$ 0.59	\$ 0.59	\$ 0.56
Global X U.S. Preferred ETF	PPFD	ETF	Mirae Asset Global Investments Co., Ltd	\$ 0.00	\$ 0.01	\$ 0.08	\$ 0.03	\$ 0.00	\$ 0.00	\$ 0.03	\$ 0.11	\$ 0.00	\$ 0.01	\$ 0.13	\$ 0.13	\$ 0.13	\$ 0.13	\$ 0.13	\$ 0.13

Top 5 Hybrid 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 Barclays Capital Convertible Bond ETF	CWB	ETF	SSGA Funds Management, Inc	\$ 0.02	\$ 0.07	\$ 0.23	\$ 0.51	\$ (0.05)	\$ (0.05)	\$ 0.21	\$ 0.48	\$ (0.05)	\$ (0.07)	\$ 0.44	\$ 1.28	\$ 2.72	\$ 4.06	\$ 4.06	\$ 4.69
Invesco Variable Rate Preferred ETF	VRP	ETF	Invesco PowerShares Capital Management	\$ (0.03)	\$ (0.03)	\$ 0.03	\$ 0.96	\$ (0.01)	\$ (0.01)	\$ 0.06	\$ 0.29	\$ (0.01)	\$ (0.04)	\$ 0.47	\$ 1.83	\$ 2.19	\$ 2.19	\$ 2.19	\$ 2.17
Invesco Preferred ETF	PGX	ETF	Invesco PowerShares Capital Management	\$ (0.00)	\$ (0.02)	\$ 0.11	\$ 1.07	\$ (0.00)	\$ (0.00)	\$ 0.11	\$ 0.01	\$ (0.00)	\$ (0.01)	\$ 0.23	\$ 2.63	\$ 3.13	\$ 5.20	\$ 5.36	\$ 5.32
First Trust SSI Strategic Convertible Securities ETF	FCVT	ETF	First Trust Advisors LP	\$ 0.00	\$ (0.00)	\$ 0.05	\$ 0.04	\$ 0.00	\$ 0.00	\$ 0.01	\$ 0.11	\$ 0.00	\$ (0.00)	\$ 0.12	\$ 0.17	\$ 0.17	\$ 0.17	\$ 0.17	\$ 0.18
Innovator S&P High Quality Preferred ETF	EPHF	ETF	Innovator Management LLC	\$ -	\$ (0.00)	\$ -	\$ 0.01	\$ (0.00)	\$ (0.00)	\$ (0.00)	\$ (0.00)	\$ (0.00)	\$ (0.00)	\$ (0.00)	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02

Volatility 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 Flows 1M
VelocityShares Daily 2x VIX Short Term ETN	TVIX	ETN	Credit Suisse AG	\$ -	\$ 0.18	\$ 0.33	\$ 0.61	\$ -	\$ -	\$ 0.20	\$ 0.58	\$ -	\$ 0.14	\$ 0.81	\$ 2.31	\$ 3.17	\$ 4.46	\$ 4.46	\$ 5.59	99.80%
VelocityShares Daily Inverse VIX Medium Term ETN	ZIV	ETN	Credit Suisse AG	\$ 0.00	\$ 0.01	\$ (0.01)	\$ 0.06	\$ -	\$ -	\$ 0.01	\$ (0.04)	\$ -	\$ 0.01	\$ (0.03)	\$ (0.01)	\$ 0.03	\$ 0.06	\$ 0.06	\$ 0.51	4.28%
VelocityShares Daily Long VIX Short-Term ETN	VIXX	ETN	Credit Suisse AG	\$ -	\$ 0.00	\$ 0.00	\$ 0.02	\$ 0.00	\$ 0.00	\$ 0.01	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.03	\$ 0.04	\$ 0.11	\$ 0.11	\$ 0.01	2.10%

Top 5 Volatility 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 (\$)
Credit Suisse AG	Volatility	6		\$ 0.00	\$ 0.18	\$ 0.33	\$ 0.38	\$ 0.00	\$ 0.00	\$ 0.22	\$ 1.18	\$ 0.00	\$ 0.14	\$ 0.76	\$ 1.21	\$ 3.25	\$ 4.82	\$ 4.82	\$ 0.75
Barclays Bank PLC	Volatility	10		\$ 0.07	\$ 0.23	\$ 0.11	\$ 1.03	\$ (0.04)	\$ (0.04)	\$ 0.32	\$ 0.12	\$ (0.04)	\$ 0.10	\$ 0.59	\$ 3.07	\$ 3.48	\$ 10.51	\$ 10.51	\$ 1.15
Innovator Management LLC	Volatility	3		\$ 0.00	\$ 0.01	NULL	NULL	\$ 0.00	\$ 0.00	\$ 0.01	\$ 0.01	\$ 0.00	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01

Top 5 Volatility 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 (\$)
ProShares Advisors LLC	Volatility	4		\$ 0.07	\$ (0.02)	\$ (0.03)	\$ 0.73	\$ (0.01)	\$ (0.01)	\$ 0.31	\$ 1.43	\$ (0.01)	\$ (0.05)	\$ 0.65	\$ 3.45	\$ 4.53	\$ 6.19	\$ 6.19	\$ 1.25
UBS Global Asset Management	Volatility	10		\$ -	\$ (0.00)	\$ (0.02)	\$ 0.08	\$ (0.00)	\$ (0.00)	\$ (0.01)	\$ (0.09)	\$ (0.00)	\$ (0.00)	\$ (0.07)	\$ 0.05	\$ 0.05	\$ 0.07	\$ 0.07	\$ 0.02

Top 5 Volatility 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 (\$)
VelocityShares Daily 2x VIX Short Term ETN	TVIX	ETN	Credit Suisse AG	\$ -	\$ 0.18	\$ 0.33	\$ 0.61	\$ -	\$ -	\$ 0.20	\$ 0.58	\$ -	\$ 0.14	\$ 0.81	\$ 2.31	\$ 3.17	\$ 4.46	\$ 4.46	\$ 5.59
iPath S&P 500 VIX Short-Term Futures ETN	VXX	ETN	Barclays Bank PLC	\$ 0.07	\$ 0.23	\$ 0.13	\$ 1.00	\$ (0.04)	\$ (0.04)	\$ 0.32	\$ 0.04	\$ (0.04)	\$ 0.10	\$ 0.50	\$ 2.98	\$ 3.44	\$ 9.84	\$ 9.84	\$ 1.00
ProShares VIX Short-Term Futures ETF	VIXY	ETF	ProShares Advisors LLC	\$ 0.01	\$ 0.03	\$ 0.03	\$ 0.16	\$ -	\$ -	\$ 0.06	\$ (0.03)	\$ -	\$ 0.02	\$ 0.00	\$ 0.42	\$ 0.41	\$ 0.83	\$ 0.83	\$ 0.16
VelocityShares Daily Inverse VIX Medium Term ETN	ZIV	ETN	Credit Suisse AG	\$ 0.00	\$ 0.01	\$ (0.01)	\$ 0.06	\$ -	\$ -	\$ 0.01	\$ (0.04)	\$ -	\$ 0.01	\$ (0.03)	\$ (0.01)	\$ 0.03	\$ 0.06	\$ 0.06	\$ 0.51
Innovator S&P 500 Buffer ETF	BIUL	ETF	Innovator Management LLC	\$ 0.00	\$ 0.00	NULL	NULL	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00

Top 5 Volatility 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 (\$)
ProShares Short VIX Short-Term Futures	SVXY	ETF	ProShares Advisors LLC	\$ -	\$ (0.06)	\$ (0.23)	\$ (0.35)	\$ -	\$ -	\$ (0.15)	\$ 1.45	\$ -	\$ (0.04)	\$ 0.18	\$ 0.17	\$ 0.64	\$ 0.68	\$ 0.68	\$ 0.42
ProShares Ultra VIX Short-Term Futures	UVXY	ETF	ProShares Advisors LLC	\$ 0.06	\$ 0.01	\$ 0.19	\$ 0.90	\$ (0.01)	\$ (0.01)	\$ 0.39	\$ 0.02	\$ (0.01)	\$ (0.03)	\$ 0.49	\$ 2.83	\$ 3.48	\$ 4.51	\$ 4.51	\$ 0.65
VelocityShares Daily Long VIX Medium-Term ETN	VIIZ	ETN	Credit Suisse AG	NULL	\$ (0.01)	\$ 0.00	\$ 0.00	NULL	NULL	\$ (0.00)	\$ (0.00)	NULL	\$ (0.01)	\$ (0.00)	\$ 0.00	\$ 0.01	\$ 0.01	\$ 0.01	NULL
VelocityShares Daily 2x VIX Medium Term ETN	TVIZ	ETN	Credit Suisse AG	NULL	\$ (0.00)	\$ 0.01	NULL	NULL	NULL	\$ (0.00)	\$ (0.00)	NULL	\$ (0.00)	\$ 0.00	\$ 0.00	\$ 0.01	\$ 0.01	\$ 0.01	NULL
VelocityShares 1X Daily Inverse VSTOXX Futures ETN	EXIV	ETN	UBS Global Asset Management	\$ -	\$ (0.00)	\$ (0.01)	\$ 0.03	\$ (0.00)	\$ (0.00)	\$ (0.01)	\$ (0.03)	\$ (0.00)	\$ (0.00)	\$ (0.02)	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.01

Equity ETFs										
Top 5 Equity ETFs from Top Fund Sponsor by 1M Relative Inflows										
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 BetaBuilders Canada ETF	BBCA	ETF	J.P.Morgan Investment Management Inc.	52.33%	67.82%	0.06%	29.11%	83.01%	\$ 1.46	47.18%
JPMorgan BetaBuilders Europe ETF	BBEU	ETF	J.P.Morgan Investment Management Inc.	46.46%	60.66%	0.00%	18.25%	74.25%	\$ 1.31	29.57%
JPMorgan BetaBuilders Developed Asia ex-Japan ETF	BBAX	ETF	J.P.Morgan Investment Management Inc.	21.93%	28.42%	0.00%	12.14%	34.79%	\$ 0.60	19.68%
JPMorgan BetaBuilders Japan ETF	BBJP	ETF	J.P.Morgan Investment Management Inc.	65.03%	84.72%	0.23%	1.50%	103.71%	\$ 1.81	2.43%
JPMorgan Diversified Return International Equity ETF	JPIN	ETF	J.P.Morgan Investment Management Inc.	2.73E-05	16.24%	0.00%	0.34%	28.48%	\$ 1.52	0.54%
Top 5 Equity 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)	
J.P.Morgan Investment Management Inc.	Equity	11	11	186.67%	275.47%	0.29%	61.71%	354.78%	\$ 8.01	
TrimTabs Asset Management, LLC	Equity	1	1	43.87%	217.15%	6.07%	28.00%	298.52%	\$ 0.13	
Strategy Shares, Inc.	Equity	2	2	189.32%	304.41%	24.77%	23.30%	381.21%	\$ 0.32	
Franklin Resources, Inc.	Equity	4	4	21.31%	60.51%	-1.43%	23.10%	94.28%	\$ 0.99	
WBI Investments, Inc.	Equity	4	4	22.69%	36.27%	5.95%	22.88%	34.62%	\$ 0.33	
Top 5 Equity 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)	
AdvisorShares	Equity	3	3	-10.70%	3.34%	-1.48%	-8.43%	11.07%	\$ 0.41	
RealtyShares, Inc.	Equity	2	2	-5.33%	223.63%	-3.86%	-6.64%	253.72%	\$ 0.19	
Sprott Asset Management LP	Equity	2	2	-5.66%	-7.37%	0.00%	-5.16%	-5.63%	\$ 0.23	
Columbia Management Investment Advisers	Equity	3	3	-8.37%	-24.56%	-0.90%	-4.23%	-26.39%	\$ 0.70	
U.S. Global Investors, Inc.	Equity	1	1	-5.11%	-3.83%	-1.58%	-3.26%	-26.18%	\$ 0.10	
Top 5 Equity 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)	
JPMorgan BetaBuilders Canada ETF	BBCA	ETF	J.P.Morgan Investment Management Inc.	NULL	NULL	0.33%	29943.80%	NULL	\$ 1.46	
JPMorgan BetaBuilders Developed Asia ex-Japan ETF	BBAX	ETF	J.P.Morgan Investment Management Inc.	NULL	NULL	0.00%	12137.37%	NULL	\$ 0.60	
Ecological Strategy ETF	HECO	ETF	Strategy Shares, Inc.	792.40%	789.53%	748.95%	757.39%	804.53%	\$ 0.07	
JPMorgan BetaBuilders Europe ETF	BBEU	ETF	J.P.Morgan Investment Management Inc.	13380.96%	NULL	0.00%	228.93%	NULL	\$ 1.31	
Franklin LibertyQ U.S. Equity ETF	FLQL	ETF	Franklin Resources, Inc.	229.16%	220.32%	0.00%	123.24%	221.85%	\$ 0.38	
Top 5 Equity 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)	
Global X China Consumer ETF	CHIQ	ETF	Mirae Asset Global Investments Co., Ltd	-46.56%	-1.22%	-14.30%	-40.67%	60.66%	\$ 0.15	
Direxion Daily Junior Gold Miners Index Bear 3X Shares	JDST	ETF	Direxion Shares	-59.38%	-95.42%	-6.42%	-39.22%	-130.37%	\$ 0.06	
Invesco S&P Emerging Markets Low Volatility ETF	EELV	ETF	Invesco PowerShares Capital Management	-31.77%	89.33%	-30.43%	-30.92%	81.12%	\$ 0.47	
WBI Bull Bear Rising Income 3000 ETF	WBIE	ETF	WBI Investments, Inc.	-31.41%	6.51%	-14.65%	-28.50%	1.60%	\$ 0.06	
iShares MSCI Europe Financials ETF	EUFN	ETF	BlackRock, Inc.	-17.88%	-26.57%	1.35%	-27.81%	-12.26%	\$ 1.20	
Fixed Income ETFs										
Top 5 Fixed Income ETFs from Top Fund Sponsor by 1M Relative Inflows										
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
Hartford Total Return Bond ETF	HTRB	ETF	Hartford Funds Management Company, LLC	260.67%	253.25%	56.47%	56.74%	NULL	\$ 0.07	100.00%
Top 5 Fixed Income 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)	
Hartford Funds Management Company, LLC	Fixed Income	1	1	260.67%	253.25%	56.47%	56.74%	NULL	\$ 0.07	
BOCI-Prudential Asset Management	Fixed Income	1	1	55.52%	NULL	2.44%	35.51%	NULL	\$ 0.05	
J.P.Morgan Investment Management Inc.	Fixed Income	4	4	60.85%	722.87%	1.72%	24.58%	1312.14%	\$ 2.67	
WisdomTree Investments	Fixed Income	6	6	15.60%	108.23%	4.36%	9.75%	153.58%	\$ 1.28	
Columbia Management Investment Advisers	Fixed Income	1	1	-1.93%	81.97%	0.00%	7.33%	NULL	\$ 0.10	
Top 5 Fixed Income 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)	
WBI Investments, Inc.	Fixed Income	1	1	-11.20%	-39.70%	-2.70%	-7.67%	-40.97%	\$ 0.09	
ALPS Advisors, Inc.	Fixed Income	3	3	-11.21%	-6.04%	0.66%	-4.85%	3.11%	\$ 0.37	
Deutsche Bank AG	Fixed Income	4	4	2.86%	251.22%	-5.81%	-4.60%	623.79%	\$ 2.00	
ProShares Advisors LLC	Fixed Income	9	9	-8.64%	-8.08%	-2.14%	-4.04%	-8.92%	\$ 3.42	
AdvisorShares	Fixed Income	2	2	-8.09%	-29.35%	0.00%	-3.63%	-45.16%	\$ 0.19	
Top 5 Fixed Income 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 SSGA Ultra Short Term Bond ETF	ULST	ETF	SSGA Funds Management, Inc.	95.91%	308.84%	2.08%	63.33%	390.14%	\$ 0.10	
Hartford Total Return Bond ETF	HTRB	ETF	Hartford Funds Management Company, LLC	260.67%	253.25%	56.47%	56.74%	NULL	\$ 0.07	
WisdomTree Bloomberg Floating Rate Treasury Fund	USFR	ETF	WisdomTree Investments	79.85%	24969.75%	17.37%	49.23%	24999.82%	\$ 0.31	
PGIM Ultra Short Bond ETF	PULS	ETF	BOCI-Prudential Asset Management	55.52%	NULL	2.44%	35.51%	NULL	\$ 0.05	
JPMorgan Ultra-Short Income ETF	JPST	ETF	J.P.Morgan Investment Management Inc.	75.48%	1975.28%	2.01%	29.93%	4966.98%	\$ 2.29	
Top 5 Fixed Income 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)	
RiverFront Dynamic Core Income ETF	RFCl	ETF	ALPS Advisors, Inc.	-27.55%	86.58%	1.16%	-17.11%	150.83%	\$ 0.10	
iShares iBonds Mar 2023 Corporate ETF	IBOD	ETF	BlackRock, Inc.	-22.97%	-29.04%	0.00%	-16.11%	-27.50%	\$ 0.06	
iShares Government/Credit Bond ETF	GBF	ETF	BlackRock, Inc.	-15.34%	5.92%	0.00%	-15.40%	-10.91%	\$ 0.12	
UltraPro Short 20+ Year Treasury	TTT	ETF	ProShares Advisors LLC	-15.19%	-13.38%	-1.73%	-14.31%	-4.78%	\$ 0.08	
ProShares Short 7-10 Year Treasury	TBX	ETF	ProShares Advisors LLC	-20.15%	131.89%	-1.75%	-13.13%	121.83%	\$ 0.08	

Commodity ETFs

Top 5 Commodity 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
VelocityShares 3x Long Crude Oil ETN	UWT	ETN	Citigroup	13.30%	-6.23%	0.00%	1.42%	-80.55%	\$ 0.20	189.96%

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)
Citigroup	Commodity	2	2	-8.20%	29.65%	1.57%	0.75%	-21.00%	\$ 0.39
First Trust Advisors LP	Commodity	1	1	-19.69%	30.41%	0.00%	0.42%	69.81%	\$ 0.22
BlackRock, Inc.	Commodity	3	3	-0.52%	5.65%	0.37%	0.35%	12.11%	\$ 16.20
Merk Investments, LLC	Commodity	1	1	0.10%	7.87%	0.04%	0.04%	9.61%	\$ 0.14

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)
UBS Global Asset Management	Commodity	2	2	-9.36%	-4.70%	0.00%	-9.63%	-3.64%	\$ 0.16
United States Commodities Fund LLC	Commodity	5	5	-7.78%	-32.15%	1.22%	-8.03%	-50.14%	\$ 2.69
Deutsche Bank AG	Commodity	1	1	-5.47%	-17.52%	0.00%	-5.89%	-20.61%	\$ 0.08
Invesco PowerShares Capital Management	Commodity	8	8	-7.27%	30.86%	-0.87%	-5.37%	37.62%	\$ 6.17
World Gold Trust Services, LLC	Commodity	1	1	-8.67%	-10.05%	-1.29%	-5.26%	-9.47%	\$ 28.66

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 Natural Gas	DGAZ	ETN	Credit Suisse AG	-25.24%	82.92%	-21.51%	18.59%	127.40%	\$ 0.29
iPath Series B Bloomberg Coffee Subindex Total Return ETN	BJO	ETN	Barclays Bank PLC	34.42%	NULL	2.04%	12.70%	NULL	\$ 0.06
VelocityShares 3x Long Silver ETN	USLV	ETN	Credit Suisse AG	23.35%	55.51%	5.39%	6.81%	84.11%	\$ 0.28
Invesco Optimum Yield Diversified Commodity Strategy No K-1 ETF	PDBC	ETF	Invesco PowerShares Capital Management	9.59%	189.21%	0.25%	4.50%	328.24%	\$ 2.13
ETFs Bloomberg All Commodity Strategy K-1 Free ETF	BCI	ETF	Aberdeen Standard Investments	-18.04%	103.39%	0.00%	4.01%	95.11%	\$ 0.15

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)
Invesco DB Oil Fund	DBO	ETF	Invesco PowerShares Capital Management	-3.35%	-13.50%	0.00%	-30.24%	-41.76%	\$ 0.37
E-TRACS DJ-UBS Commodity Index	DJCI	ETN	UBS Global Asset Management	-23.19%	-17.36%	0.00%	-23.71%	-15.87%	\$ 0.06
United States Natural Gas Fund	UNG	ETF	United States Commodities Fund LLC	-11.65%	-60.69%	3.15%	-18.06%	-36.48%	\$ 0.29
VelocityShares 3x Long Natural Gas	UGAZ	ETN	Credit Suisse AG	18.04%	-58.91%	8.37%	-14.53%	43.86%	\$ 0.33
Invesco DB Base Metals Fund	DBB	ETF	Invesco PowerShares Capital Management	-26.69%	-18.11%	-5.93%	-12.34%	-19.78%	\$ 0.20

Currency ETFs

Top 5 Currency 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

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)
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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	-8.66%	-31.45%	0.49%	-4.28%	-40.62%	\$ 0.25
WisdomTree Investments	Currency	1	1	9.71%	-15.06%	0.00%	-2.86%	-36.60%	\$ 0.09
Invesco PowerShares Capital Management	Currency	7	7	-3.92%	-3.78%	-0.69%	-0.09%	-16.10%	\$ 1.50

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)
Invesco DB US Dollar Index Bullish Fund	UIUP	ETF	Invesco PowerShares Capital Management	8.02%	-1.91%	0.92%	9.04%	-9.39%	\$ 0.56
Invesco CurrencyShares* Japanese Yen Trust	FXJ	ETF	Invesco PowerShares Capital Management	-22.79%	22.40%	-3.21%	3.49%	12.81%	\$ 0.13
Invesco CurrencyShares* Canadian Dollar Trust	FXC	ETF	Invesco PowerShares Capital Management	-4.56%	-2.29%	0.00%	0.02%	-13.74%	\$ 0.16

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 CurrencyShares* Euro Currency Trust	FXE	ETF	Invesco PowerShares Capital Management	-20.64%	-16.05%	-5.01%	-17.35%	-34.86%	\$ 0.21
ProShares UltraShort Yen	YCS	ETF	ProShares Advisors LLC	-13.36%	-41.47%	0.00%	-9.08%	-52.93%	\$ 0.07
Invesco CurrencyShares* Australian Dollar Trust	FXA	ETF	Invesco PowerShares Capital Management	-2.91%	-2.81%	0.00%	-5.66%	-27.56%	\$ 0.12
WisdomTree Bloomberg U.S. Dollar Bullish Fund	USDU	ETF	WisdomTree Investments	9.71%	-15.06%	0.00%	-2.86%	-36.60%	\$ 0.09
ProShares UltraShort Euro	EUO	ETF	ProShares Advisors LLC	-6.43%	-24.95%	0.70%	-1.99%	-32.97%	\$ 0.17

Real Estate ETFs

Top 5 Real Estate ETFs from Top Fund Sponsor by 1M Relative Inflows										
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
Global X SuperDividend REIT ETF	SRET	ETF	Mirae Asset Global Investments Co., Ltd	22.19%	76.07%	2.96%	9.58%	122.23%	\$ 0.11	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)	
Mirae Asset Global Investments Co., Ltd	Real Estate	1	1	22.19%	76.07%	2.96%	9.58%	122.23%	\$ 0.11	
Exchange Traded Concepts	Real Estate	1	1	41.82%	NULL	1.73%	7.44%	NULL	\$ 0.08	
WisdomTree Investments	Real Estate	1	1	5.99%	16.41%	6.00%	5.93%	27.61%	\$ 0.10	
UBS Global Asset Management	Real Estate	1	1	8.10%	20.34%	1.38%	5.64%	29.98%	\$ 0.50	
First Trust Advisors LP	Real Estate	1	1	25.34%	-21.09%	6.06%	4.06%	-39.17%	\$ 0.13	

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)	
ALPS Advisors, Inc.	Real Estate	1	1	-3.76%	-10.04%	0.00%	-3.72%	-15.66%	\$ 0.06	
IndexIQ Advisors	Real Estate	1	1	-3.04%	-21.50%	0.00%	-3.03%	-24.53%	\$ 0.09	
ProShares Advisors LLC	Real Estate	1	1	-0.91%	-13.46%	-0.15%	-2.78%	-40.90%	\$ 0.14	
BlackRock, Inc.	Real Estate	8	8	9.76%	7.75%	0.44%	-1.26%	4.21%	\$ 11.22	
SSGA Funds Management, Inc	Real Estate	4	4	-1.76%	-7.76%	0.21%	-1.06%	-9.67%	\$ 10.73	

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)	
iShares Residential Real Estate ETF	REZ	ETF	BlackRock, Inc.	11.00%	-9.90%	1.95%	10.78%	-16.41%	\$ 0.33	
Global X SuperDividend REIT ETF	SRET	ETF	Mirae Asset Global Investments Co., Ltd	22.19%	76.07%	2.96%	9.58%	122.23%	\$ 0.11	
PPTY - U.S. Diversified Real Estate ETF	PPTY	ETF	Exchange Traded Concepts	41.82%	NULL	1.73%	7.44%	NULL	\$ 0.08	
WisdomTree Global ex-US Real Estate Fund	DRW	ETF	WisdomTree Investments	5.99%	16.41%	6.00%	5.93%	27.61%	\$ 0.10	
iShares Mortgage Real Estate ETF	REM	ETF	BlackRock, Inc.	7.81%	6.35%	4.25%	5.79%	-1.43%	\$ 1.23	

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)	
iShares U.S. Real Estate ETF	IYR	ETF	BlackRock, Inc.	14.34%	9.99%	-0.39%	-7.10%	-4.86%	\$ 4.33	
SPDR DJ Wilshire International Real Estate ETF	RWX	ETF	SSGA Funds Management, Inc	-8.83%	-14.54%	-0.25%	-5.82%	-17.82%	\$ 3.02	
Cohen & Steers Global Realty Majors ETF	GRI	ETF	ALPS Advisors, Inc.	-3.76%	-10.04%	0.00%	-3.72%	-15.66%	\$ 0.06	
IQ US Real Estate Small Cap ETF	ROOF	ETF	IndexIQ Advisors	-3.04%	-21.50%	0.00%	-3.03%	-24.53%	\$ 0.09	
ProShares Ultra Real Estate	URE	ETF	ProShares Advisors LLC	-0.91%	-13.46%	-0.15%	-2.78%	-40.90%	\$ 0.14	

Multi-Asset ETFs

Top 5 Multi-Asset ETFs from Top Fund Sponsor by 1M Relative Inflows										
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
Horizons S&P 500 Covered Call ETF	HSPX	ETF	Mirae Asset Global Investments Co., Ltd	52.01%	16.49%	0.00%	42.85%	21.86%	\$ 0.08	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	52.01%	16.49%	0.00%	42.85%	21.86%	\$ 0.08	
Aptus Capital Advisors, LLC	Multi-Asset	1	1	12.37%	100.47%	0.00%	4.49%	117.27%	\$ 0.08	
WisdomTree Investments	Multi-Asset	2	2	6.46%	-14.65%	2.54%	4.29%	5.20%	\$ 0.41	
Pacer Advisors, Inc	Multi-Asset	5	5	9.82%	63.71%	0.19%	3.96%	116.51%	\$ 2.46	
First Trust Advisors LP	Multi-Asset	3	3	2.60%	8.28%	1.15%	1.72%	3.85%	\$ 1.39	

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)	
WBI Investments, Inc.	Multi-Asset	1	1	-14.92%	-8.84%	-2.96%	-11.70%	-11.08%	\$ 0.24	
Transamerica Asset Management, Inc	Multi-Asset	3	3	-0.86%	-5.53%	-0.83%	-0.83%	-5.97%	\$ 0.77	
BlackRock, Inc.	Multi-Asset	6	6	1.03%	13.06%	-0.06%	-0.36%	26.45%	\$ 4.44	
Invesco PowerShares Capital Management	Multi-Asset	4	4	1.04%	0.35%	0.56%	-0.07%	3.54%	\$ 1.22	

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)	
Horizons S&P 500 Covered Call ETF	HSPX	ETF	Mirae Asset Global Investments Co., Ltd	52.01%	16.49%	0.00%	42.85%	21.86%	\$ 0.08	
Pacer Trendplot 100 ETF	PTNQ	ETF	Pacer Advisors, Inc	16.79%	99.93%	0.00%	7.76%	170.79%	\$ 0.32	
WisdomTree Managed Futures Strategy Fund	WTMF	ETF	WisdomTree Investments	3.81%	0.22%	6.32%	7.75%	-4.32%	\$ 0.17	
First Trust Dorsey Wright Dynamic Focus S ETF	FVC	ETF	First Trust Advisors LP	9.17%	50.90%	2.63%	5.54%	63.64%	\$ 0.61	
Pacer Trendplot US Mid Cap ETF	PTMC	ETF	Pacer Advisors, Inc	10.03%	39.64%	0.26%	4.66%	67.65%	\$ 0.64	

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 Bull Bear Global High Income ETF	WBIH	ETF	WBI Investments, Inc.	-14.92%	-8.84%	-2.96%	-11.70%	-11.08%	\$ 0.24	
Invesco DWA Tactical Multi-Asset Income ETF	DWIN	ETF	Invesco PowerShares Capital Management	-9.28%	-34.45%	0.00%	-7.56%	-39.06%	\$ 0.06	
Pacer WealthShield ETF	PWS	ETF	Pacer Advisors, Inc	10.10%	214.46%	0.00%	-2.91%	NULL	\$ 0.09	
DeltaShares S&P 500 Managed Risk ETF	DMRL	ETF	Transamerica Asset Management, Inc	-2.72%	-2.47%	-2.57%	-2.60%	-2.71%	\$ 0.44	
iShares Commodities Select Strategy ETF	COMT	ETF	BlackRock, Inc.	5.82%	150.88%	-0.50%	-2.41%	258.85%	\$ 0.75	

Hybrid ETFs

Top 5 Hybrid 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
VanEck Vectors Preferred Securities ex Financials ETF	PFXF	ETF	Van Eck Associates Corp	5.74%	8.52%	1.06%	2.73%	19.15%	\$ 0.56	100.00%

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)
Van Eck Associates Corp	Hybrid	1	1	5.74%	8.52%	1.06%	2.73%	19.15%	\$ 0.56
Mirae Asset Global Investments Co., Ltd	Hybrid	2	2	7.26%	37.62%	0.73%	2.06%	41.82%	\$ 0.33
First Trust Advisors LP	Hybrid	3	3	2.80%	17.84%	0.37%	0.98%	42.47%	\$ 3.83
BlackRock, Inc.	Hybrid	3	3	3.38%	-3.90%	-0.72%	0.19%	-5.45%	\$ 17.04

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)
SSGA Funds Management, Inc	Hybrid	2	2	5.85%	12.49%	-0.94%	-1.23%	12.36%	\$ 5.35
Invesco PowerShares Capital Management	Hybrid	3	3	2.03%	2.64%	-0.18%	-0.55%	7.29%	\$ 9.04

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)
iShares Convertible Bond ETF	ICVT	ETF	BlackRock, Inc.	8.97%	-44.98%	2.74%	8.74%	-33.86%	\$ 0.22
Global X U.S. Preferred ETF	PFFD	ETF	Mirae Asset Global Investments Co., Ltd	23.59%	368.98%	1.84%	5.81%	NULL	\$ 0.13
VanEck Vectors Preferred Securities ex Financials ETF	PFXF	ETF	Van Eck Associates Corp	5.74%	8.52%	1.06%	2.73%	19.15%	\$ 0.56
First Trust Preferred Securities and Income ETF	FPE	ETF	First Trust Advisors LP	2.41%	13.38%	0.27%	1.11%	36.61%	\$ 3.56
First Trust Institutional Preferred Securities and Income ETF	FPEI	ETF	First Trust Advisors LP	8.00%	129.20%	0.00%	1.06%	371.00%	\$ 0.09

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 International Preferred Stock ETF	IPFF	ETF	BlackRock, Inc.	-16.09%	-27.93%	0.00%	-2.68%	-18.42%	\$ 0.06
Invesco Variable Rate Preferred ETF	VRP	ETF	Invesco PowerShares Capital Management	3.07%	14.97%	-0.57%	-1.92%	26.08%	\$ 2.17
First Trust SSI Strategic Convertible Securities ETF	FCVT	ETF	First Trust Advisors LP	8.31%	180.41%	2.61%	-1.59%	213.13%	\$ 0.18
SPDR Barclays Capital Convertible Bond ETF	CWB	ETF	SSGA Funds Management, Inc	4.67%	12.11%	-1.12%	-1.55%	10.77%	\$ 4.69
Global X Superincome Preferred ETF	SPFF	ETF	Mirae Asset Global Investments Co., Ltd	-1.47%	-6.06%	0.00%	-0.30%	-12.93%	\$ 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						
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
VelocityShares Daily 2x VIX Short Term ETN	TVIX	ETN	Credit Suisse AG	30.02%	133.57%	0.00%	26.05%	178.23%	\$ 0.59	95.89%
VelocityShares Daily Inverse VIX Medium Term ETN	ZIV	ETN	Credit Suisse AG	1.73%	-8.45%	0.00%	1.12%	-7.07%	\$ 0.14	4.11%

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	31.76%	125.12%	0.00%	27.17%	171.16%	\$ 0.73
Barclays Bank PLC	Volatility	2	2	33.93%	15.41%	-3.78%	10.95%	56.69%	\$ 1.11

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)
ProShares Advisors LLC	Volatility	3	3	30.43%	108.04%	-0.94%	-4.44%	31.61%	\$ 1.23

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	36.55%	265.66%	0.00%	35.39%	281.46%	\$ 0.59
ProShares VIX Short-Term Futures ETF	VIXY	ETF	ProShares Advisors LLC	53.47%	-22.25%	0.00%	12.88%	0.82%	\$ 0.16
iPath S&P 500 VIX Short-Term Futures ETN	VXX	ETN	Barclays Bank PLC	39.38%	4.39%	-4.23%	12.37%	46.99%	\$ 1.00
VelocityShares Daily Inverse VIX Medium Term ETN	ZIV	ETN	Credit Suisse AG	9.70%	-17.00%	0.00%	4.23%	-19.27%	\$ 0.14
iPath Series B S&P 500 VIX Short-Term Futures ETN	VXXB	ETN	Barclays Bank PLC	1.63%	NULL	0.19%	0.09%	NULL	\$ 0.12

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)
ProShares Short VIX Short-Term Futures	SVXY	ETF	ProShares Advisors LLC	-27.92%	179.34%	0.00%	-7.42%	11.99%	\$ 0.42
ProShares Ultra VIX Short-Term Futures	UVXY	ETF	ProShares Advisors LLC	107.93%	5.70%	-1.85%	-5.80%	110.51%	\$ 0.65

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