

ETF asset classes by YTD net asset flows														Total											
Asset Class	# ETPs	# Currently Active ETPs	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 (\$)							
Equity	1998	1452	\$ 2,200	\$ 16,119	\$ 25,072	\$ 334,306	\$ 7,163	\$ 19,790	\$ 35,908	\$ 106,537	\$ 7,163	\$ 19,790	\$ 239,626	\$ 698,467	\$ 1,054,908	\$ 1,535,034	\$ 2,003,896	\$ 2,929,748							
Fixed Income	456	355	\$ 2,191	\$ 8,661	\$ 30,588	\$ 121,166	\$ 0,575	\$ 6,443	\$ 15,104	\$ 61,084	\$ 0,575	\$ 6,443	\$ 94,921	\$ 285,350	\$ 372,144	\$ 562,549	\$ 611,115	\$ 599,731							
Volatility	38	18	\$ 0,188	\$ 0,496	\$ 0,385	\$ 2,223	\$ 0,153	\$ 0,393	\$ 0,889	\$ 2,703	\$ 0,153	\$ 0,393	\$ 1,990	\$ 7,595	\$ 11,477	\$ 21,761	\$ 21,761	\$ 3,055							
Multi-Asset	162	95	\$ 0,015	\$ 0,257	\$ 0,965	\$ 2,671	\$ 0,061	\$ 0,246	\$ 0,503	\$ 1,873	\$ 0,061	\$ 0,246	\$ 2,979	\$ 6,575	\$ 10,427	\$ 13,997	\$ 14,277	\$ 14,937							
Hybrid	20	18	\$ 0,065	\$ 1,116	\$ 0,302	\$ 5,631	\$ 0,078	\$ 0,256	\$ 1,372	\$ 1,040	\$ 0,078	\$ 0,256	\$ 1,774	\$ 15,102	\$ 21,224	\$ 35,342	\$ 36,249	\$ 37,062							
Currency	55	38	\$ 0,031	\$ (0,068)	\$ (0,133)	\$ (0,795)	\$ (0,032)	\$ (0,018)	\$ (0,086)	\$ (0,248)	\$ (0,032)	\$ (0,018)	\$ (0,566)	\$ (1,734)	\$ (2,460)	\$ (3,526)	\$ 1,512	\$ 2,109							
Real Estate	59	47	\$ 0,280	\$ 1,480	\$ (0,043)	\$ 4,869	\$ (0,336)	\$ 0,530	\$ 2,010	\$ (0,409)	\$ (0,336)	\$ 0,530	\$ 0,743	\$ 13,619	\$ 24,728	\$ 48,025	\$ 59,321	\$ 69,219							
Commodity	214	129	\$ (0,533)	\$ (1,210)	\$ (1,279)	\$ 3,035	\$ (0,503)	\$ (2,477)	\$ (3,687)	\$ (3,506)	\$ (0,503)	\$ (2,477)	\$ (1,673)	\$ 11,205	\$ 34,800	\$ 70,086	\$ 98,048	\$ 62,669							

Investment Philosophy by YTD net asset flows														Total											
Investment Philosophy	# ETPs	# Currently Active ETPs	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 (\$)							
Passively Managed	1669	1142	\$ 3,672	\$ 18,107	\$ 32,219	\$ 391,921	\$ 5,295	\$ 18,906	\$ 37,014	\$ 114,808	\$ 5,295	\$ 18,906	\$ 249,289	\$ 825,180	\$ 1,191,385	\$ 1,796,697	\$ 2,272,644	\$ 2,886,039							
Enhanced Strategy	1032	778	\$ 0,421	\$ 6,228	\$ 16,733	\$ 66,256	\$ 1,184	\$ 4,078	\$ 10,305	\$ 36,837	\$ 1,184	\$ 4,078	\$ 66,891	\$ 171,973	\$ 289,544	\$ 425,750	\$ 512,108	\$ 769,716							
Actively managed	297	232	\$ 0,345	\$ 2,515	\$ 6,905	\$ 14,929	\$ 0,679	\$ 2,179	\$ 4,695	\$ 17,429	\$ 0,679	\$ 2,179	\$ 23,612	\$ 39,026	\$ 46,321	\$ 60,820	\$ 61,358	\$ 62,776							

Enhanced Strategy by YTD net asset flows														Total											
Enhanced ETF Type	# ETPs	# Currently Active ETPs	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 (\$)							
Growth	66	46	\$ (0,162)	\$ 0,965	\$ 6,511	\$ 10,885	\$ 0,260	\$ 0,592	\$ 1,557	\$ 10,026	\$ 0,260	\$ 0,592	\$ 13,688	\$ 30,693	\$ 49,779	\$ 61,670	\$ 98,857	\$ 205,254							
Value	65	51	\$ 0,505	\$ 3,105	\$ 3,963	\$ 18,724	\$ 0,315	\$ 2,402	\$ 5,507	\$ 7,531	\$ 0,315	\$ 2,402	\$ 17,335	\$ 57,745	\$ 76,364	\$ 99,125	\$ 125,117	\$ 191,828							
Multi-Factor	133	118	\$ 0,201	\$ 0,515	\$ 2,334	\$ 6,945	\$ 0,210	\$ 0,682	\$ 1,197	\$ 6,627	\$ 0,210	\$ 0,682	\$ 9,147	\$ 20,233	\$ 20,537	\$ 20,571	\$ 20,697	\$ 23,441							
Fundamentals	136	118	\$ 0,154	\$ 0,663	\$ 2,464	\$ 6,482	\$ 0,148	\$ 0,564	\$ 1,228	\$ 6,505	\$ 0,148	\$ 0,564	\$ 9,370	\$ 12,475	\$ 34,213	\$ 44,991	\$ 48,846	\$ 66,886							
Technical / Momentum	59	45	\$ 0,202	\$ (0,391)	\$ 1,484	\$ 3,329	\$ 0,285	\$ 0,723	\$ 0,332	\$ 4,673	\$ 0,285	\$ 0,723	\$ 7,018	\$ 7,948	\$ 14,770	\$ 16,665	\$ 17,699	\$ 22,405							
Risk / Volatility	107	81	\$ (0,372)	\$ 0,727	\$ 0,986	\$ 5,660	\$ (0,104)	\$ 0,304	\$ 1,030	\$ 2,039	\$ (0,104)	\$ 0,304	\$ 4,990	\$ 24,234	\$ 32,224	\$ 44,127	\$ 44,209	\$ 56,523							
Thematic	24	18	\$ (0,006)	\$ (0,057)	\$ 0,086	\$ 1,941	\$ (0,016)	\$ (0,026)	\$ (0,083)	\$ 1,753	\$ (0,016)	\$ (0,026)	\$ 3,077	\$ 3,802	\$ 4,527	\$ 4,533	\$ 4,533	\$ 5,105							
Long-Short / Market Neutral	22	14	\$ (0,009)	\$ 0,032	\$ 0,151	\$ 0,172	\$ 0,006	\$ 0,023	\$ 0,055	\$ 0,381	\$ 0,006	\$ 0,023	\$ 0,489	\$ 0,604	\$ 0,969	\$ 1,430	\$ 1,435	\$ 1,700							
Hedging	13	10	\$ 0,002	\$ 0,067	\$ 0,017	\$ 0,285	\$ (0,042)	\$ (0,015)	\$ 0,052	\$ 0,288	\$ (0,042)	\$ (0,015)	\$ 0,296	\$ 0,568	\$ 0,879	\$ 1,099	\$ 1,178	\$ 1,012							
Other	111	53	\$ (0,005)	\$ (0,092)	\$ 0,243	\$ 1,636	\$ 0,019	\$ 0,022	\$ (0,070)	\$ 0,258	\$ 0,019	\$ 0,022	\$ 0,866	\$ 2,503	\$ 4,871	\$ 5,156	\$ 6,389	\$ 6,248							
Mergers & Acquisitions	4	2	\$ -	\$ 0,018	\$ 0,060	\$ 0,215	\$ 0,002	\$ 0,011	\$ 0,029	\$ 0,240	\$ 0,002	\$ 0,011	\$ 0,341	\$ 0,433	\$ 0,475	\$ 0,593	\$ 0,593	\$ 0,620							
Contango / Backwardation	71	36	\$ (0,113)	\$ (0,345)	\$ 0,114	\$ (0,949)	\$ (0,032)	\$ (0,359)	\$ (0,703)	\$ 0,107	\$ (0,032)	\$ (0,359)	\$ 0,041	\$ (0,539)	\$ (2,626)	\$ 3,325	\$ 7,637	\$ 5,127							
Hedge Funds	16	9	\$ (0,000)	\$ (0,014)	\$ 0,083	\$ (0,087)	\$ 0,001	\$ 0,008	\$ (0,006)	\$ 0,044	\$ 0,001	\$ 0,008	\$ 0,112	\$ (0,142)	\$ 0,651	\$ 1,343	\$ 1,343	\$ 1,471							
Insider Trading	2	2	\$ -	\$ 0,004	\$ (0,003)	\$ (0,006)	\$ -	\$ (0,002)	\$ 0,002	\$ (0,010)	\$ -	\$ (0,002)	\$ (0,009)	\$ 0,000	\$ 0,082	\$ 0,160	\$ 0,188	\$ 0,313							
Foreign Exchange	2	1	\$ -	\$ -	\$ (0,006)	\$ (0,011)	\$ -	\$ -	\$ -	\$ (0,015)	\$ -	\$ -	\$ (0,021)	\$ (0,069)	\$ (0,231)	\$ (0,497)	\$ 0,104	\$ 0,024							
Quality	34	29	\$ 0,002	\$ 0,026	\$ (0,251)	\$ 1,037	\$ (0,027)	\$ (0,014)	\$ 0,011	\$ (0,040)	\$ (0,027)	\$ (0,014)	\$ 0,196	\$ 2,050	\$ 3,414	\$ 4,684	\$ 4,684	\$ 5,326							
Dividend / Income	166	145	\$ 0,022	\$ 1,005	\$ (1,502)	\$ 9,997	\$ 0,159	\$ (0,838)	\$ 0,167	\$ (3,568)	\$ 0,159	\$ (0,838)	\$ (0,046)	\$ 9,435	\$ 48,648	\$ 116,774	\$ 128,599	\$ 176,433							

Absolute flows by asset class

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.	\$ -	\$ 0.02	\$ 0.25	\$ 0.01	\$ -	\$ 0.01	\$ 0.03	\$ 0.29	\$ -	\$ 0.01	\$ 0.29	\$ 0.29	\$ 0.29	\$ 0.29	\$ 0.29	\$ 0.29	\$ 0.27	76.25%
GraniteShares Bloomberg Commodity Broad Strategy No K-1 ETF	COMB	ETF	GraniteShares Advisors LLC.	\$ 0.00	\$ 0.01	\$ 0.00	\$ 0.01	\$ -	\$ 0.00	\$ 0.02	\$ 0.04	\$ -	\$ 0.00	\$ 0.04	\$ 0.05	\$ 0.05	\$ 0.05	\$ 0.05	\$ 0.05	\$ 0.04	23.75%

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	\$ 0.00	\$ 0.03	\$ 0.25	\$ 0.02	\$ -	\$ 0.02	\$ 0.05	\$ 0.33	\$ -	\$ 0.02	\$ 0.34	\$ 0.35	\$ 0.35	\$ 0.35	\$ 0.35	\$ 0.35	\$ 0.33
Perth Mint	Commodity	1	1	\$ -	NULL	NULL	NULL	\$ -	\$ 0.01	\$ 0.01	\$ 0.01	\$ -	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01
First Trust Advisors LP	Commodity	2	2	\$ (0.00)	\$ (0.06)	\$ 0.10	\$ (0.01)	\$ 0.01	\$ 0.00	\$ (0.06)	\$ 0.07	\$ 0.01	\$ 0.00	\$ 0.11	\$ 0.10	\$ 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	\$ (0.29)	\$ (0.75)	\$ (1.07)	\$ 0.92	\$ (0.36)	\$ (1.73)	\$ (2.48)	\$ (3.15)	\$ (0.36)	\$ (1.73)	\$ (2.19)	\$ 3.72	\$ (5.26)	\$ (0.11)	\$ 12.21	\$ 29.10
United States Commodities Fund LLC	Commodity	14	13	\$ (0.07)	\$ 0.10	\$ (0.19)	\$ (1.05)	\$ (0.14)	\$ (0.37)	\$ (0.27)	\$ (1.13)	\$ (0.14)	\$ (0.37)	\$ (2.05)	\$ (1.54)	\$ 1.61	\$ 6.39	\$ 8.64	\$ 2.82
Invesco PowerShares Capital Management	Commodity	10	9	\$ (0.11)	\$ (0.29)	\$ 0.87	\$ (0.46)	\$ (0.01)	\$ (0.16)	\$ (0.45)	\$ 1.50	\$ (0.01)	\$ (0.16)	\$ 1.69	\$ 1.69	\$ (0.17)	\$ 4.95	\$ 8.60	\$ 6.32
Barclays Bank PLC	Commodity	58	23	\$ (0.00)	\$ (0.15)	\$ (0.84)	\$ 0.07	\$ (0.01)	\$ (0.10)	\$ (0.25)	\$ (1.19)	\$ (0.01)	\$ (0.10)	\$ (1.05)	\$ (1.04)	\$ (0.15)	\$ 0.29	\$ 4.04	\$ 1.30
ProShares Advisors LLC	Commodity	15	12	\$ (0.02)	\$ (0.00)	\$ (0.03)	\$ (0.36)	\$ (0.02)	\$ (0.03)	\$ (0.03)	\$ (0.28)	\$ (0.02)	\$ (0.03)	\$ (0.58)	\$ (0.28)	\$ 0.53	\$ 2.74	\$ 2.74	\$ 1.00

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	\$ 0.01	\$ 0.04	\$ 0.81	\$ 0.27	\$ 0.02	\$ 0.15	\$ 0.19	\$ 1.39	\$ 0.02	\$ 0.15	\$ 1.60	\$ 2.09	\$ 2.10	\$ 2.10	\$ 2.10	\$ 2.10	\$ 2.16
VelocityShares 3x Inverse Natural Gas	DGAZ	ETN	Credit Suisse AG	\$ 0.03	\$ (0.15)	\$ 0.20	\$ (0.14)	\$ (0.06)	\$ 0.14	\$ (0.01)	\$ 0.20	\$ (0.06)	\$ 0.14	\$ 0.25	\$ 0.41	\$ 0.52	\$ 0.55	\$ 0.55	\$ 0.55	\$ 0.31
iShares Gold Trust	IAU	ETF	BlackRock, Inc.	\$ 0.01	\$ (0.27)	\$ (0.06)	\$ 1.96	\$ 0.07	\$ 0.05	\$ (0.21)	\$ 0.92	\$ 0.07	\$ 0.05	\$ 2.02	\$ 4.38	\$ 3.78	\$ 9.51	\$ 10.66	\$ 10.16	
ETF5 Physical Platinum Shares	PPLT	ETF	Aberdeen Standard Investments	\$ -	\$ 0.05	\$ (0.05)	\$ 0.08	\$ (0.00)	\$ 0.04	\$ 0.09	\$ (0.00)	\$ (0.00)	\$ 0.04	\$ 0.05	\$ 0.11	\$ 0.04	\$ 0.96	\$ 0.96	\$ 0.49	
GraniteShares Gold Trust	BAR	ETF	GraniteShares Advisors LLC.	\$ -	\$ 0.02	\$ 0.25	\$ 0.01	\$ -	\$ 0.01	\$ 0.03	\$ 0.29	\$ -	\$ 0.01	\$ 0.29	\$ 0.29	\$ 0.29	\$ 0.29	\$ 0.29	\$ 0.29	\$ 0.27

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	\$ (0.29)	\$ (0.75)	\$ (1.07)	\$ 0.92	\$ (0.36)	\$ (1.73)	\$ (2.48)	\$ (3.15)	\$ (0.36)	\$ (1.73)	\$ (2.19)	\$ 3.72	\$ (5.26)	\$ (0.11)	\$ 12.21	\$ 29.10
United DB Commodity Index Tracking Fund	DBC	ETF	Invesco PowerShares Capital Management	\$ (0.03)	\$ (0.23)	\$ 0.16	\$ (0.43)	\$ (0.00)	\$ (0.24)	\$ (0.46)	\$ 0.20	\$ (0.00)	\$ (0.24)	\$ 0.34	\$ (0.25)	\$ 1.97	\$ 2.84	\$ 4.22	\$ 2.49
United States Oil Fund	USO	ETF	United States Commodities Fund LLC	\$ (0.07)	\$ 0.05	\$ (0.24)	\$ (1.14)	\$ (0.13)	\$ (0.20)	\$ (0.78)	\$ (0.13)	\$ (0.13)	\$ (0.20)	\$ (1.83)	\$ (1.50)	\$ 1.51	\$ 1.20	\$ 2.20	\$ 1.66
VelocityShares 3x Long Natural Gas	UGAZ	ETN	Credit Suisse AG	\$ (0.01)	\$ 0.19	\$ (0.24)	\$ 1.75	\$ 0.03	\$ (0.16)	\$ 0.03	\$ (0.62)	\$ 0.03	\$ (0.16)	\$ (0.18)	\$ 1.35	\$ 29.69	\$ 33.41	\$ 33.41	\$ 0.35
United States Natural Gas Fund	UNG	ETF	United States Commodities Fund LLC	\$ 0.00	\$ 0.07	\$ (0.05)	\$ 0.34	\$ (0.01)	\$ (0.12)	\$ (0.05)	\$ (0.42)	\$ (0.01)	\$ (0.12)	\$ (0.18)	\$ (0.04)	\$ (0.29)	\$ 4.13	\$ 5.33	\$ 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	\$ 0.03	\$ (0.01)	\$ (0.02)	\$ (0.25)	\$ (0.02)	\$ 0.04	\$ 0.04	\$ (0.02)	\$ (0.02)	\$ 0.04	\$ (0.07)	\$ (0.58)	\$ (0.47)	\$ (0.38)	\$ 0.35	\$ 0.55	1327.87%
Invesco CurrencyShares® Japanese Yen Trust	FXJ	ETF	Invesco PowerShares Capital Management	\$ 0.01	\$ (0.05)	\$ (0.01)	\$ (0.03)	\$ -	\$ 0.01	\$ (0.03)	\$ 0.03	\$ -	\$ 0.01	\$ 0.02	\$ (0.02)	\$ 0.01	\$ (0.81)	\$ (0.09)	\$ 0.13	418.44%
Invesco CurrencyShares® Swiss Franc Trust	FXF	ETF	Invesco PowerShares Capital Management	\$ -	\$ 0.00	\$ 0.00	\$ 0.00	\$ -	\$ 0.00	\$ 0.01	\$ 0.02	\$ -	\$ 0.00	\$ 0.02	\$ 0.02	\$ (0.08)	\$ (0.38)	\$ 0.15	\$ 0.17	153.49%
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	\$ 0.00	\$ (0.00)	\$ (0.00)	\$ (0.02)	\$ (0.02)	\$ 0.04	\$ 0.03	0.45%

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	\$ 0.03	\$ (0.05)	\$ (0.11)	\$ (0.48)	\$ (0.02)	\$ 0.00	\$ (0.05)	\$ (0.07)	\$ (0.02)	\$ 0.00	\$ (0.34)	\$ (0.70)	\$ (1.00)	\$ (2.79)	\$ 1.32	\$ 1.60

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	\$ 0.00	\$ (0.01)	\$ (0.04)	\$ (0.23)	\$ (0.01)	\$ (0.01)	\$ (0.02)	\$ (0.11)	\$ (0.01)	\$ (0.01)	\$ (0.16)	\$ (0.67)	\$ (1.01)	\$ (0.09)	\$ (0.09)	\$ 0.27
WisdomTree Investments	Currency	8	4	\$ -	\$ (0.00)	\$ 0.03	\$ (0.12)	\$ (0.00)	\$ (0.01)	\$ (0.01)	\$ (0.05)	\$ (0.00)	\$ (0.01)	\$ (0.08)	\$ (0.33)	\$ (0.29)	\$ (0.12)	\$ 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	\$ 0.03	\$ (0.01)	\$ (0.02)	\$ (0.25)	\$ (0.02)	\$ 0.04	\$ 0.04	\$ (0.02)	\$ (0.02)	\$ 0.04	\$ (0.07)	\$ (0.58)	\$ (0.47)	\$ (0.38)	\$ 0.35	\$ 0.55
Invesco CurrencyShares® Japanese Yen Trust	FXJ	ETF	Invesco PowerShares Capital Management	\$ 0.01	\$ (0.05)	\$ (0.01)	\$ (0.03)	\$ -	\$ 0.01	\$ (0.03)	\$ 0.03	\$ -	\$ 0.01	\$ 0.02	\$ (0.02)	\$ 0.01	\$ (0.81)	\$ (0.09)	\$ 0.13
Invesco CurrencyShares® Swiss Franc Trust	FXF	ETF	Invesco PowerShares Capital Management	\$ -	\$ 0.00	\$ 0.00	\$ 0.00	\$ -	\$ 0.00	\$ 0.01	\$ 0.02	\$ -	\$ 0.00	\$ 0.02	\$ 0.02	\$ (0.08)	\$ (0.38)	\$ 0.15	\$ 0.17
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	\$ 0.00	\$ (0.00)	\$ (0.00)	\$ (0.02)	\$ (0.02)	\$ 0.04	\$ 0.03

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	\$ -	\$ 0.00	\$ (0.05)	\$ 0.01	\$ (0.02)	\$ (0.04)	\$ (0.04)	\$ (0.03)	\$ (0.02)	\$ (0.04)	\$ (0.11)	\$ (0.02)	\$ 0.06	\$ (0.55)	\$ 0.21	\$ 0.22
ProShares UltraShort Yen	YCS	ETF	ProShares Advisors LLC	\$ -	\$ (0.00)	\$ (0.01)	\$ (0.12)	\$ (0.00)	\$ (0.01)	\$ (0.01)	\$ (0.05)	\$ (0.00)	\$ (0.01)	\$ (0.07)	\$ (0.25)	\$ (0.55)	\$ (0.12)	\$ (0.12)	\$ 0.07
Invesco CurrencyShares® Australian Dollar Trust	FXA	ETF	Invesco PowerShares Capital Management	\$ (0.01)	\$ 0.00	\$ 0.00	\$ (0.05)	\$ -	\$ (0.01)	\$ (0.00)	\$ (0.00)	\$ -	\$ (0.01)	\$ (0.06)	\$ (0.06)	\$ (0.19)	\$ (0.25)	\$ 0.12	\$ 0.12
ProShares UltraShort Euro	EUD	ETF	ProShares Advisors LLC	\$ 0.00	\$ (0.01)	\$ (0.03)	\$ (0.09)	\$ (0.00)	\$ (0.01)	\$ (0.01)	\$ (0.05)	\$ (0.00)	\$ (0.01)	\$ (0.07)	\$ (0.40)	\$ (0.44)	\$ 0.01	\$ 0.01	\$ 0.17
WisdomTree Chinese Yuan Fund	CYR	ETF	WisdomTree Investments	\$ -	\$ -	\$ 0.00	\$ (0.01)	\$ -	\$ (0.00)	\$ (0.00)	\$ (0.01)	\$ -	\$ (0.00)	\$ (0.01)	\$ (0.06)	\$ (0.17)	\$ (0.25)	\$ 0.03	\$ 0.03

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	
iShares U.S. Preferred Stock ETF	PFF	ETF	BlackRock, Inc.	\$ 0.08	\$ 0.52	\$ (0.22)	\$ 0.82	\$ 0.07	\$ 0.17	\$ 0.69	\$ (0.39)	\$ 0.07	\$ 0.17	\$ (0.75)	\$ 4.51	\$ 7.89	\$ 17.02	\$ 17.42	\$ 17.27	94.48%	
iShares Convertible Bond ETF	ICVT	ETF	BlackRock, Inc.	\$ -	\$ -	\$ (0.10)	\$ 0.33	\$ -	\$ 0.01	\$ 0.01	\$ (0.17)	\$ -	\$ 0.01	\$ (0.08)	\$ 0.15	\$ 0.17	\$ 0.17	\$ 0.17	\$ 0.22	6.52%	

Top 5 Hybrid ETF Fund Sponsors by 1M Inflows

Fund Sponsor	Asset Class	# ETPs	# Currently Active ETPs	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.	Hybrid	3		\$ 0.08	\$ 0.51	\$ (0.33)	\$ 1.16	\$ 0.07	\$ 0.18	\$ 0.69	\$ (0.38)	\$ 0.07	\$ 0.18	\$ (0.84)	\$ 4.69	\$ 8.09	\$ 17.28	\$ 17.68	\$ 17.55
SSGA Funds Management, Inc	Hybrid	2		\$ (0.04)	\$ 0.28	\$ 0.30	\$ 0.59	\$ 0.02	\$ 0.07	\$ 0.35	\$ 0.63	\$ 0.02	\$ 0.07	\$ 0.56	\$ 1.73	\$ 3.18	\$ 4.81	\$ 4.81	\$ 5.52
First Trust Advisors LP	Hybrid	3		\$ 0.02	\$ 0.05	\$ 0.10	\$ 1.74	\$ 0.01	\$ 0.04	\$ 0.09	\$ 0.59	\$ 0.01	\$ 0.04	\$ 1.20	\$ 3.53	\$ 3.80	\$ 3.88	\$ 3.88	\$ 3.84
Van Eck Associates Corp	Hybrid	1		\$ 0.00	\$ 0.01	\$ 0.02	\$ 0.10	\$ 0.00	\$ 0.01	\$ 0.02	\$ 0.04	\$ 0.00	\$ 0.01	\$ 0.09	\$ 0.29	\$ 0.43	\$ 0.58	\$ 0.58	\$ 0.56
Mirae Asset Global Investments Co., Ltd	Hybrid	3		\$ (0.00)	\$ 0.01	\$ 0.07	\$ 0.03	\$ 0.00	\$ 0.01	\$ 0.02	\$ 0.09	\$ 0.00	\$ 0.01	\$ 0.10	\$ 0.11	\$ 0.33	\$ 0.39	\$ 0.39	\$ 0.34

Top 5 Hybrid ETF Fund Sponsors by 1M Outflows

Fund Sponsor	Asset Class	# ETPs	# Currently Active ETPs	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	Hybrid	4		\$ 0.00	\$ 0.25	\$ 0.13	\$ 1.94	\$ (0.03)	\$ (0.06)	\$ 0.20	\$ 0.25	\$ (0.03)	\$ (0.06)	\$ 0.64	\$ 4.64	\$ 5.29	\$ 8.30	\$ 8.80	\$ 9.15
Innovator Management LLC	Hybrid	1		\$ -	\$ 0.00	\$ -	\$ 0.01	\$ -	\$ (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 (\$)
iShares U.S. Preferred Stock ETF	PFF	ETF	BlackRock, Inc.	\$ 0.08	\$ 0.52	\$ (0.22)	\$ 0.82	\$ 0.07	\$ 0.17	\$ 0.69	\$ (0.39)	\$ 0.07	\$ 0.17	\$ (0.75)	\$ 4.51	\$ 7.89	\$ 17.02	\$ 17.42	\$ 17.27
SPDR Barclays Capital Convertible Bond ETF	CWB	ETF	SSGA Funds Management, Inc	\$ (0.04)	\$ 0.19	\$ 0.23	\$ 0.51	\$ 0.02	\$ 0.07	\$ 0.26	\$ 0.54	\$ 0.02	\$ 0.07	\$ 0.43	\$ 1.33	\$ 2.78	\$ 4.11	\$ 4.11	\$ 4.11
First Trust Preferred Securities and Income ETF	FPE	ETF	First Trust Advisors LP	\$ 0.02	\$ 0.03	\$ 0.04	\$ 1.66	\$ 0.01	\$ 0.04	\$ 0.07	\$ 0.43	\$ 0.01	\$ 0.04	\$ 1.02	\$ 3.27	\$ 3.54	\$ 3.62	\$ 3.62	\$ 3.58
iShares Convertible Bond ETF	ICVT	ETF	BlackRock, Inc.	\$ -	\$ -	\$ (0.10)	\$ 0.33	\$ -	\$ 0.01	\$ 0.01	\$ (0.17)	\$ -	\$ 0.01	\$ (0.08)	\$ 0.15	\$ 0.17	\$ 0.17	\$ 0.17	\$ 0.22
VanEck Vectors Preferred Securities ex Financials ETF	PPFX	ETF	Van Eck Associates Corp	\$ 0.00	\$ 0.01	\$ 0.02	\$ 0.10	\$ 0.00	\$ 0.01	\$ 0.02	\$ 0.04	\$ 0.00	\$ 0.01	\$ 0.09	\$ 0.29	\$ 0.43	\$ 0.58	\$ 0.58	\$ 0.56

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 (\$)
Invesco Variable Rate Preferred ETF	VRP	ETF	Invesco PowerShares Capital Management	\$ -	\$ 0.11	\$ 0.03	\$ 0.96	\$ (0.03)	\$ (0.03)	\$ 0.08	\$ 0.30	\$ (0.03)	\$ (0.03)	\$ 0.48	\$ 1.85	\$ 2.20	\$ 2.20	\$ 2.20	\$ 2.20
Invesco Preferred ETF	PGX	ETF	Invesco PowerShares Capital Management	\$ 0.00	\$ 0.14	\$ 0.11	\$ 1.07	\$ (0.00)	\$ (0.02)	\$ 0.12	\$ 0.01	\$ (0.00)	\$ (0.02)	\$ 0.22	\$ 2.63	\$ 3.12	\$ 5.21	\$ 5.36	\$ 5.38
Innovator S&P High Quality Preferred ETF	EPRF	ETF	Innovator Management LLC	\$ -	\$ 0.00	\$ -	\$ 0.01	\$ -	\$ (0.00)	\$ (0.00)	\$ 0.00	\$ -	\$ (0.00)	\$ (0.00)	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02
Global X Superincome Preferred ETF	SPFF	ETF	Mirae Asset Global Investments Co., Ltd	\$ (0.00)	\$ (0.00)	\$ (0.01)	\$ 0.01	\$ -	\$ (0.00)	\$ (0.00)	\$ (0.01)	\$ -	\$ (0.00)	\$ (0.03)	\$ (0.02)	\$ 0.20	\$ 0.25	\$ 0.25	\$ 0.20
iShares International Preferred Stock ETF	IPFF	ETF	BlackRock, Inc.	\$ -	\$ (0.01)	\$ (0.01)	\$ 0.02	\$ (0.00)	\$ (0.00)	\$ (0.01)	\$ (0.03)	\$ (0.00)	\$ (0.00)	\$ (0.02)	\$ 0.03	\$ 0.03	\$ 0.09	\$ 0.09	\$ 0.09

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	
iPath S&P 500 VIX Short-Term Futures ETN	VXX	ETN	Barclays Bank PLC	\$ 0.10	\$ 0.13	\$ 0.13	\$ 1.00	\$ 0.07	\$ 0.23	\$ 0.36	\$ 0.08	\$ 0.07	\$ 0.23	\$ 0.35	\$ 2.54	\$ 3.51	\$ 9.88	\$ 9.88	\$ 9.88	99.43%	
iPath Series B S&P 500 VIX Short-Term Futures ETN	VXXB	ETN	Barclays Bank PLC	\$ 0.00	\$ (0.00)	\$ (0.00)	NULL	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.10	\$ 0.00	\$ 0.00	\$ 0.10	\$ 0.10	\$ 0.10	\$ 0.10	\$ 0.10	\$ 0.10	0.99%	
iPath Series B S&P 500 VIX Mid-Term Futures ETN	VXZB	ETN	Barclays Bank PLC	\$ -	\$ -	\$ (0.00)	NULL	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.01	\$ 0.00	\$ 0.00	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01	0.00%	

Top 5 Volatility ETF Fund Sponsors by 1M Inflows

Fund Sponsor	Asset Class	# ETPs	# Currently Active ETPs	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 (\$)
Barclays Bank PLC	Volatility	10		\$ 0.10	\$ 0.13	\$ 0.11	\$ 1.03	\$ 0.07	\$ 0.23	\$ 0.36	\$ 0.16	\$ 0.07	\$ 0.23	\$ 0.44	\$ 2.64	\$ 3.54	\$ 10.56	\$ 10.56	\$ 1.13
Credit Suisse AG	Volatility	6		\$ 0.02	\$ 0.03	\$ 0.33	\$ 0.38	\$ 0.00	\$ 0.18	\$ 0.21	\$ 1.18	\$ 0.00	\$ 0.18	\$ 0.80	\$ 1.32	\$ 3.26	\$ 4.82	\$ 4.82	\$ 0.68
Innovator Management LLC	Volatility	3		\$ -	NULL	NULL	NULL	\$ 0.00	\$ 0.01	\$ 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	# ETPs	# Currently Active ETPs	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		\$ 0.06	\$ 0.34	\$ (0.03)	\$ 0.73	\$ 0.07	\$ (0.02)	\$ 0.32	\$ 1.44	\$ 0.07	\$ (0.02)	\$ 0.80	\$ 3.55	\$ 4.56	\$ 6.20	\$ 6.20	\$ 1.21
UBS Global Asset Management	Volatility	10		\$ -	\$ (0.00)	\$ (0.02)	\$ 0.08	\$ -	\$ (0.00)	\$ (0.01)	\$ (0.09)	\$ -	\$ (0.00)	\$ (0.07)	\$ 0.05	\$ 0.05	\$ 0.07	\$ 0.07	\$ 0.02
REX Shares	Volatility	2		\$ -	\$ (0.00)	\$ (0.00)	\$ 0.01	\$ -	\$ (0.00)	\$ (0.00)	\$ 0.01	\$ -	\$ (0.00)	\$ 0.00	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03

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 (\$)
iPath S&P 500 VIX Short-Term Futures ETN	VXX	ETN	Barclays Bank PLC	\$ 0.10	\$ 0.13	\$ 0.13	\$ 1.00	\$ 0.07	\$ 0.23	\$ 0.36	\$ 0.08	\$ 0.07	\$ 0.23	\$ 0.35	\$ 2.54	\$ 3.51	\$ 9.88	\$ 9.88	\$ 9.88
VelocityShares Daily 2x VIX Short-Term ETN	TVIX	ETN	Credit Suisse AG	\$ 0.02	\$ 0.03	\$ 0.33	\$ 0.61	\$ -	\$ 0.18	\$ 0.20	\$ 0.58	\$ -	\$ 0.18	\$ 0.83	\$ 2.25	\$ 3.17	\$ 4.46	\$ 4.46	\$ 0.53
ProShares VIX Short-Term Futures ETF	VIXY	ETF	ProShares Advisors LLC	\$ 0.01	\$ 0.04	\$ 0.03	\$ 0.16	\$ 0.01	\$ 0.03	\$ 0.06	\$ (0.03)	\$ 0.01	\$ 0.03	\$ 0.00	\$ 0.39	\$ 0.41	\$ 0.83	\$ 0.83	\$ 0.15
VelocityShares Daily Inverse VIX Medium Term ETN	ZIV	ETN	Credit Suisse AG	\$ -	\$ 0.00	\$ (0.01)	\$ 0.06	\$ 0.00	\$ 0.01	\$ 0.01	\$ (0.04)	\$ 0.00	\$ 0.01	\$ (0.03)	\$ (0.01)	\$ 0.03	\$ 0.06	\$ 0.06	\$ 0.14
ProShares Ultra VIX Short-Term Futures	VVXY	ETF	ProShares Advisors LLC	\$ 0.08	\$ 0.39	\$ 0.19	\$ 0.90	\$ 0.06	\$ 0.01	\$ 0.01	\$ (0.04)	\$ 0.00	\$ 0.01	\$ 0.56	\$ 2.85	\$ 3.51	\$ 4.52	\$ 4.52	\$ 0.60

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	\$ (0.03)	\$ (0.09)	\$ (0.23)	\$ (0.35)	\$ -	\$ (0.06)	\$ (0.15)	\$ 1.45	\$ -	\$ (0.06)	\$ 0.26	\$ 0.28	\$ 0.65	\$ 0.68	\$ 0.68	\$ 0.44
VelocityShares Daily Long VIX Medium-Term ETN	VIIZ	ETN	Credit Suisse AG	NULL	\$ 0.00	\$ 0.00	\$ 0.00	NULL	\$ (0.01)	\$ (0.00)	\$ (0.00)	NULL	\$ (0.01)	\$ (0.00)	\$ 0.00	\$ 0.00	\$ 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)	\$ (0.01)	\$ (0.03)	\$ -	\$ (0.00)	\$ (0.02)	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.01
VelocityShares Daily 2x VIX Medium Term ETN	TVIZ	ETN	Credit Suisse AG	NULL	\$ (0.00)	\$ -	\$ 0.01	NULL	\$ (0.00)	\$ (0.00)	\$ (0.00)	NULL	\$ (0.00)	\$ 0.00	\$ 0.00	\$ 0.01	\$ 0.01	\$ 0.01	NULL
REX VolMAX Short VIX Futures Strategy ETF	VMIN	ETF	REX Shares	\$ -	\$ (0.00)	\$ (0.00)	\$ 0.00	\$ -	\$ (0.00)	\$ (0.00)	\$ 0.02	\$ -	\$ (0.00)	\$ 0.01	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03

Equity 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)		
BMO REX MicroSectors FANG+ Index 3X Leveraged ETN	FNGU	ETN	BMO Asset Management	50.84%	269.65%	0.00%	63.25%	268.79%	\$ 0.16	58.57%
MicroSectors FANG+ Index 2X Leveraged ETN	FNGO	ETN	BMO Asset Management	38.80%	110.28%	0.00%	44.74%	109.93%	\$ 0.05	41.43%

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)
BMO Asset Management	Equity	3	3	89.65%	379.92%	0.00%	107.99%	378.72%	\$ 0.26
J.P.Morgan Investment Management Inc.	Equity	11	11	185.82%	274.37%	0.20%	63.22%	355.50%	\$ 8.18
Franklin Resources, Inc	Equity	4	4	23.09%	62.75%	13.33%	24.80%	97.12%	\$ 1.02
Janus Capital Management LLC	Equity	1	1	37.08%	71.07%	9.60%	22.17%	111.44%	\$ 0.05
TrimTabs Asset Management, LLC	Equity	1	1	35.11%	197.41%	4.82%	20.80%	272.31%	\$ 0.13

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)
LifeSci Index Partners, LLC	Equity	1	1	-26.10%	41.33%	0.00%	-6.47%	56.50%	\$ 0.05
Sprott Asset Management LP	Equity	2	2	-5.66%	-7.37%	-0.33%	-5.52%	-5.86%	\$ 0.24
AdvisorShares	Equity	3	3	-9.39%	4.74%	-0.96%	-4.71%	13.41%	\$ 0.42
Columbia Management Investment Advisers	Equity	3	3	-7.57%	-23.99%	-0.48%	-3.38%	-26.02%	\$ 0.74
IndexIQ Advisors	Equity	5	5	-4.18%	63.60%	0.07%	-2.76%	122.18%	\$ 2.30

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 Europe ETF	BBEU	ETF	J.P.Morgan Investment Management Inc.	13380.96%	NULL	0.00%	226.30%	NULL	\$ 1.34
Franklin LibertyQ U.S. Equity ETF	FLQL	ETF	Franklin Resources, Inc	229.16%	220.32%	45.11%	125.08%	223.04%	\$ 0.39
BMO REX MicroSectors FANG+ Index 3X Leveraged ETN	FNGU	ETN	BMO Asset Management	79.48%	NULL	0.00%	108.79%	NULL	\$ 0.16
iShares MSCI Turkey ETF	TUR	ETF	BlackRock, Inc.	73.26%	58.70%	-0.99%	66.28%	49.29%	\$ 0.39
WBI Power Factor High Dividend ETF	WBIY	ETF	WBI Investments, Inc.	74.12%	113.34%	4.68%	64.93%	146.26%	\$ 0.09

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)
Direxion Daily Junior Gold Miners Index Bear 3X Shares	JDST	ETF	Direxion Shares	-53.29%	-91.88%	46.61%	-41.92%	-116.81%	\$ 0.06
Global X China Consumer ETF	CHIQ	ETF	Mirae Asset Global Investments Co., Ltd	-39.40%	10.59%	0.00%	-40.24%	127.11%	\$ 0.19
Direxion Daily Gold Miners Bear 3X Shares	DUST	ETF	Direxion Shares	-45.32%	-102.08%	20.74%	-30.04%	-127.34%	\$ 0.15
iShares MSCI Austria ETF	EWO	ETF	BlackRock, Inc.	-34.99%	-37.51%	0.00%	-20.16%	-38.01%	\$ 0.15
iShares MSCI Europe Financials ETF	EUFN	ETF	BlackRock, Inc.	-18.95%	-27.34%	-0.67%	-28.11%	-13.03%	\$ 1.19

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					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)		
PGIM Ultra Short Bond ETF	PULS	ETF	BOCI-Prudential Asset Management	51.81%	NULL	5.13%	36.64%	NULL	\$ 0.05	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)
BOCI-Prudential Asset Management	Fixed Income	1	1	51.81%	NULL	5.13%	36.64%	NULL	\$ 0.05
J.P.Morgan Investment Management Inc.	Fixed Income	4	4	58.13%	708.99%	5.98%	27.11%	1291.32%	\$ 2.62
Goldman Sachs Asset Management L.P.	Fixed Income	2	2	27.98%	88.43%	2.15%	11.74%	91.16%	\$ 1.90
First Trust Advisors LP	Fixed Income	7	7	11.95%	43.63%	1.49%	8.09%	69.98%	\$ 7.91
Columbia Management Investment Advisers	Fixed Income	1	1	-1.93%	81.97%	4.05%	7.32%	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)
ALPS Advisors, Inc.	Fixed Income	3	3	-11.80%	-6.65%	0.00%	-10.42%	3.16%	\$ 0.37
WBI Investments, Inc.	Fixed Income	1	1	-8.71%	-38.16%	0.00%	-5.13%	-39.70%	\$ 0.09
Vident Financial, LLC	Fixed Income	1	1	-11.13%	-1.53%	0.00%	-5.10%	1.11%	\$ 0.54
AdvisorShares	Fixed Income	2	2	-8.09%	-29.35%	0.00%	-3.63%	-45.16%	\$ 0.19
IndexIQ Advisors	Fixed Income	3	3	-8.78%	-16.20%	0.00%	-3.51%	-0.85%	\$ 0.42

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	91.92%	300.49%	0.00%	71.30%	379.28%	\$ 0.10
iShares Short Maturity Municipal Bond ETF	MEAR	ETF	BlackRock, Inc.	31.02%	58.40%	8.56%	40.69%	136.93%	\$ 0.09
PGIM Ultra Short Bond ETF	PULS	ETF	BOCI-Prudential Asset Management	51.81%	NULL	5.13%	36.64%	NULL	\$ 0.05
JPMorgan Ultra-Short Income ETF	JPST	ETF	J.P.Morgan Investment Management Inc.	72.02%	1934.29%	7.06%	33.26%	4868.85%	\$ 2.24
WisdomTree Bloomberg Floating Rate Treasury Fund	USFR	ETF	WisdomTree Investments	53.23%	21257.87%	5.71%	29.10%	21283.47%	\$ 0.27

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	RFCI	ETF	ALPS Advisors, Inc.	-28.38%	84.47%	0.00%	-30.10%	155.88%	\$ 0.10
Invesco Chinese Yuan Dim Sum Bond ETF	DSUM	ETF	Invesco PowerShares Capital Management	-24.20%	-7.32%	0.00%	-23.08%	22.95%	\$ 0.08
iShares iBonds Mar 2023 Corporate ETF	IBD	ETF	BlackRock, Inc.	-22.97%	-29.04%	-4.08%	-15.10%	-27.48%	\$ 0.06
iShares Government/Credit Bond ETF	GBF	ETF	BlackRock, Inc.	-15.34%	5.92%	0.00%	-15.36%	-10.96%	\$ 0.12
ProShares Short 7-10 Year Treasury	TBX	ETF	ProShares Advisors LLC	-18.72%	136.08%	0.00%	-14.27%	124.85%	\$ 0.08

Commodity ETFs												
Top 5 Commodity 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)				
GraneShares Gold Trust	BAR	ETF	GraneShares Advisors LLC.	12.15%	5479.68%	0.00%	4.57%	10933.16%	\$ 0.27	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)			
GraneShares Advisors LLC.	Commodity	1	1	12.15%	5479.68%	0.00%	4.57%	10933.16%	\$ 0.27			
First Trust Advisors LP	Commodity	1	1	-19.69%	30.41%	2.66%	0.42%	70.77%	\$ 0.23			

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	-8.87%	-33.13%	-4.86%	-12.32%	-53.63%	\$ 2.73			
UBS Global Asset Management	Commodity	2	2	-9.36%	-4.70%	0.00%	-9.59%	-3.69%	\$ 0.16			
Barclays Bank PLC	Commodity	4	4	-17.34%	12.13%	-0.72%	-8.01%	38.65%	\$ 1.12			
Teucrium Trading, LLC	Commodity	2	2	-5.64%	3.01%	-2.47%	-5.88%	3.31%	\$ 0.13			
Deutsche Bank AG	Commodity	1	1	-5.47%	-17.52%	-5.13%	-5.74%	-21.39%	\$ 0.08			

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	-4.19%	125.55%	-15.75%	71.41%	249.80%	\$ 0.31			
VelocityShares 3x Long Gold ETN	UGLD	ETN	Credit Suisse AG	19.49%	39.04%	2.97%	8.80%	57.18%	\$ 0.13			
iPath Series B Bloomberg Coffee Subindex Total Return ETN	BJO	ETN	Barclays Bank PLC	32.05%	NULL	-2.11%	8.23%	NULL	\$ 0.06			
Invesco Optimum Yield Diversified Commodity Strategy No K-1 ETF	PDBC	ETF	Invesco PowerShares Capital Management	9.32%	188.49%	0.85%	7.57%	327.54%	\$ 2.16			
ETFs Physical Platinum Shares	PPLT	ETF	Aberdeen Standard Investments	19.90%	-0.55%	-0.78%	7.28%	8.87%	\$ 0.49			

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 Natural Gas	UGAZ	ETN	Credit Suisse AG	8.46%	-61.86%	8.55%	-35.39%	28.62%	\$ 0.35			
United States Natural Gas Fund	UNG	ETF	United States Commodities Fund LLC	-14.40%	-62.06%	-2.45%	-30.17%	-36.40%	\$ 0.29			
E-TRACS DJ-UBS Commodity Index	DICI	ETN	UBS Global Asset Management	-23.19%	-17.36%	0.00%	-23.74%	-16.06%	\$ 0.06			
VelocityShares 3x Inverse Crude Oil ETN	DWIT	ETN	Citigroup	-40.62%	61.73%	15.04%	-13.66%	355.46%	\$ 0.16			
United States Oil Fund	USO	ETF	United States Commodities Fund LLC	-8.13%	-38.05%	-7.30%	-10.89%	-71.06%	\$ 1.66			

Currency ETFs												
Top 5 Currency 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)				
Invesco DB US Dollar Index Bullish Fund	UUP	ETF	Invesco PowerShares Capital Management	2.29%	-0.97%	-0.98%	2.71%	-3.99%	\$ 0.55	1333.85%		
Invesco CurrencyShares* Japanese Yen Trust	FXJ	ETF	Invesco PowerShares Capital Management	-2.18%	1.78%	0.00%	0.85%	1.07%	\$ 0.13	420.32%		
Invesco CurrencyShares* Swiss Franc Trust	FXF	ETF	Invesco PowerShares Capital Management	0.60%	1.54%	0.00%	0.31%	1.06%	\$ 0.17	154.18%		

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)			
Invesco PowerShares Capital Management	Currency	7	7	-3.25%	-3.12%	-1.82%	0.20%	-16.94%	\$ 1.51			

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	-9.11%	-31.80%	-2.43%	-5.66%	-39.90%	\$ 0.24			
WisdomTree Investments	Currency	1	1	9.71%	-15.06%	-2.85%	-2.88%	-36.20%	\$ 0.09			

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 CurrencyShares* Japanese Yen Trust	FXJ	ETF	Invesco PowerShares Capital Management	-20.25%	26.43%	0.00%	10.77%	16.61%	\$ 0.13			
Invesco DB US Dollar Index Bullish Fund	UUP	ETF	Invesco PowerShares Capital Management	7.03%	-2.85%	-2.67%	8.11%	-12.33%	\$ 0.55			
Invesco CurrencyShares* Swiss Franc Trust	FXF	ETF	Invesco PowerShares Capital Management	5.86%	16.18%	0.00%	2.86%	12.37%	\$ 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 CurrencyShares* Euro Currency Trust	FXE	ETF	Invesco PowerShares Capital Management	-16.50%	-11.95%	-7.02%	-16.51%	-32.03%	\$ 0.22			
ProShares UltraShort Yen	YCS	ETF	ProShares Advisors LLC	-13.36%	-41.47%	-4.82%	-9.02%	-51.56%	\$ 0.07			
Invesco CurrencyShares* Australian Dollar Trust	FXA	ETF	Invesco PowerShares Capital Management	-2.91%	-2.81%	0.00%	-5.65%	-30.93%	\$ 0.12			
ProShares UltraShort Euro	EUO	ETF	ProShares Advisors LLC	-7.10%	-25.54%	-1.33%	-4.04%	-32.56%	\$ 0.17			
WisdomTree Bloomberg U.S. Dollar Bullish Fund	USDU	ETF	WisdomTree Investments	9.71%	-15.06%	-2.85%	-2.88%	-36.20%	\$ 0.09			

Real Estate ETFs

Top 5 Real Estate 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)		
Fidelity MSCI Real Estate Index ETF	FREL	ETF	Fidelity Management & Research	26.97%	34.36%	0.00%	19.70%	49.83%	\$ 0.62	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	26.97%	34.36%	0.00%	19.70%	49.83%	\$ 0.62
Exchange Traded Concepts	Real Estate	1	1	39.33%	NULL	0.00%	11.88%	NULL	\$ 0.08
Mirae Asset Global Investments Co., Ltd	Real Estate	1	1	18.59%	70.88%	1.50%	8.02%	118.04%	\$ 0.11
UBS Global Asset Management	Real Estate	1	1	6.59%	18.80%	1.83%	4.60%	29.38%	\$ 0.49
BlackRock, Inc.	Real Estate	8	8	9.26%	7.28%	-2.17%	3.74%	3.95%	\$ 11.30

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)
Diraxion Shares	Real Estate	1	1	-16.52%	-25.92%	-4.50%	-11.18%	-28.65%	\$ 0.05
ProShares Advisors LLC	Real Estate	1	1	-0.75%	-13.33%	-0.25%	-9.06%	-18.87%	\$ 0.15
First Trust Advisors LP	Real Estate	1	1	17.94%	-25.58%	0.00%	-3.93%	-42.39%	\$ 0.12
ALPS Advisors, Inc.	Real Estate	1	1	-3.76%	-10.04%	0.00%	-3.73%	-15.80%	\$ 0.06
IndexIQ Advisors	Real Estate	1	1	-3.04%	-21.50%	0.00%	-3.04%	-24.50%	\$ 0.09

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	26.97%	34.36%	0.00%	19.70%	49.83%	\$ 0.62
PPTY - U.S. Diversified Real Estate ETF	PPTY	ETF	Exchange Traded Concepts	39.33%	NULL	0.00%	11.88%	NULL	\$ 0.08
iShares Residential Real Estate ETF	REZ	ETF	BlackRock, Inc.	8.80%	-11.67%	-0.97%	8.81%	-18.20%	\$ 0.33
iShares Global REIT ETF	REET	ETF	BlackRock, Inc.	12.53%	56.08%	0.51%	8.62%	198.33%	\$ 1.30
Global X SuperDividend REIT ETF	SRET	ETF	Mirae Asset Global Investments Co., Ltd	18.59%	70.88%	1.50%	8.02%	118.04%	\$ 0.11

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	TAO	ETF	Invesco PowerShares Capital Management	-33.56%	-20.37%	0.00%	-15.35%	-5.94%	\$ 0.05
Diraxion Daily Real Estate Bull 3x Shares	DRN	ETF	Diraxion Shares	-16.52%	-25.92%	-4.50%	-11.18%	-28.65%	\$ 0.05
ProShares Ultra Real Estate	URE	ETF	ProShares Advisors LLC	-0.75%	-13.33%	-0.25%	-9.06%	-18.87%	\$ 0.15
SPDR DJ Wilshire International Real Estate ETF	RWX	ETF	SSGA Funds Management, Inc	-8.60%	-14.33%	-2.21%	-5.55%	-17.78%	\$ 3.10
First Trust S&P REIT Index Fund	FRI	ETF	First Trust Advisors LP	17.94%	-25.58%	0.00%	-3.93%	-42.39%	\$ 0.12

Multi-Asset ETFs

Top 5 Multi-Asset 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)		
Horizons S&P 500 Covered Call ETF	HSPX	ETF	Mirae Asset Global Investments Co., Ltd	52.01%	16.49%	20.05%	50.59%	21.82%	\$ 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%	20.05%	50.59%	21.82%	\$ 0.08
Aptus Capital Advisors, LLC	Multi-Asset	1	1	12.37%	100.47%	0.00%	9.68%	116.94%	\$ 0.08
SSGA Funds Management, Inc	Multi-Asset	3	3	22.08%	48.75%	0.47%	6.00%	54.54%	\$ 0.51
Pacer Advisors, Inc	Multi-Asset	5	5	9.60%	63.37%	1.10%	4.91%	117.21%	\$ 2.49
UBS Global Asset Management	Multi-Asset	1	1	4.63%	4.39%	1.59%	4.12%	6.61%	\$ 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)
WBI Investments, Inc.	Multi-Asset	1	1	-12.30%	-6.16%	0.00%	-9.48%	-8.40%	\$ 0.24
Invesco PowerShares Capital Management	Multi-Asset	4	4	0.46%	-0.23%	-0.12%	-0.44%	3.74%	\$ 1.22
BlackRock, Inc.	Multi-Asset	6	6	1.09%	13.13%	-0.09%	-0.33%	28.07%	\$ 4.50

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%	20.05%	50.59%	21.82%	\$ 0.08
SPDR Gold MiniShares Trust	GLDM	ETF	SSGA Funds Management, Inc	327.49%	NULL	2.13%	31.62%	NULL	\$ 0.11
Aptus Behavioral Momentum ETF	BEMO	ETF	Aptus Capital Advisors, LLC	12.37%	100.47%	0.00%	9.68%	116.94%	\$ 0.08
Pacer Trendplot 100 ETF	PTNQ	ETF	Pacer Advisors, Inc	16.79%	99.93%	4.08%	9.33%	177.70%	\$ 0.33
Pacer Trendplot US Mid Cap ETF	PTMC	ETF	Pacer Advisors, Inc	9.73%	39.24%	0.00%	5.61%	68.71%	\$ 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.	-12.30%	-6.16%	0.00%	-9.48%	-8.40%	\$ 0.24
Invesco DWA Tactical Multi-Asset Income ETF	DWIN	ETF	Invesco PowerShares Capital Management	-9.28%	-34.45%	-3.93%	-7.53%	-39.12%	\$ 0.06
iShares Commodities Select Strategy ETF	COMI	ETF	BlackRock, Inc.	6.35%	152.18%	-0.50%	-1.92%	257.85%	\$ 0.76
Invesco DWA Tactical Sector Rotation ETF	DWTR	ETF	Invesco PowerShares Capital Management	22.59%	18.06%	0.00%	-3.82%	5.45%	\$ 0.09
First Trust Multi-Asset Diversified Income Index Fund	MDIV	ETF	First Trust Advisors LP	-2.16%	-9.61%	0.00%	-1.47%	-16.66%	\$ 0.69

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
Global X U.S. Preferred ETF	PFFD	ETF	Mirae Asset Global Investments Co., Ltd	7.44%	41.98%	0.74%	2.62%	53.59%	\$ 0.13	126.71%

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)
Mirae Asset Global Investments Co., Ltd	Hybrid	2	2	6.48%	36.62%	0.74%	2.07%	40.96%	\$ 0.34
Van Eck Associates Corp	Hybrid	1	1	4.63%	7.38%	0.90%	2.00%	18.31%	\$ 0.56
SSGA Funds Management, Inc	Hybrid	2	2	6.88%	13.63%	0.44%	1.35%	11.83%	\$ 5.52
First Trust Advisors LP	Hybrid	3	3	2.41%	17.42%	0.29%	1.14%	43.41%	\$ 3.84
BlackRock, Inc.	Hybrid	3	3	4.14%	-3.21%	0.39%	1.04%	-4.46%	\$ 17.55

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)
Invesco PowerShares Capital Management	Hybrid	3	3	2.21%	2.81%	-0.36%	-0.61%	7.22%	\$ 9.15

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)
Global X U.S. Preferred ETF	PFFD	ETF	Mirae Asset Global Investments Co., Ltd	21.33%	360.43%	1.89%	6.90%	NULL	\$ 0.13
iShares Convertible Bond ETF	ICVT	ETF	BlackRock, Inc.	5.96%	-46.62%	0.00%	5.94%	-29.40%	\$ 0.22
First Trust Institutional Preferred Securities and Income ETF	FPEI	ETF	First Trust Advisors LP	8.00%	129.20%	0.00%	2.14%	371.37%	\$ 0.09
VanEck Vectors Preferred Securities ex Financials ETF	VPXF	ETF	Van Eck Associates Corp	4.63%	7.38%	0.90%	2.00%	18.31%	\$ 0.56
SPDR Barclays Capital Convertible Bond ETF	CWB	ETF	SSGA Funds Management, Inc	5.88%	13.46%	0.46%	1.49%	10.26%	\$ 4.85

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%	-2.67%	-2.65%	-18.93%	\$ 0.07
Invesco Variable Rate Preferred ETF	VRP	ETF	Invesco PowerShares Capital Management	3.67%	15.62%	-1.36%	-1.36%	26.74%	\$ 2.20
Global X SuperIncome Preferred ETF	SPPF	ETF	Mirae Asset Global Investments Co., Ltd	-1.47%	-6.06%	0.00%	-0.89%	-12.63%	\$ 0.20
Invesco Preferred ETF	PGIX	ETF	Invesco PowerShares Capital Management	2.23%	0.25%	-0.05%	-0.46%	4.06%	\$ 5.38
First Trust SSI Strategic Convertible Securities ETF	FCVT	ETF	First Trust Advisors LP	5.45%	172.87%	0.88%	-0.07%	202.93%	\$ 0.18

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%	32.19%	192.92%	\$ 0.53	94.79%
VelocityShares Daily Inverse VIX Medium Term ETN	ZIV	ETN	Credit Suisse AG	1.73%	-8.45%	0.29%	1.77%	-7.08%	\$ 0.14	5.21%

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%	0.29%	33.96%	185.84%	\$ 0.67
Barclays Bank PLC	Volatility	2	2	38.31%	19.84%	7.34%	25.18%	37.24%	\$ 1.09

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	31.54%	108.88%	6.73%	-1.80%	41.48%	\$ 1.19

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%	42.09%	318.17%	\$ 0.53
iPath S&P 500 VIX Short-Term Futures ETN	VXX	ETN	Barclays Bank PLC	44.53%	8.84%	8.04%	28.48%	28.81%	\$ 0.98
ProShares VIX Short-Term Futures ETF	VIXY	ETF	ProShares Advisors LLC	53.47%	-22.25%	10.68%	19.03%	2.45%	\$ 0.15
VelocityShares Daily Inverse VIX Medium Term ETN	ZIV	ETN	Credit Suisse AG	9.70%	-17.00%	1.38%	7.52%	-17.98%	\$ 0.14
iPath Series B S&P 500 VIX Short-Term Futures ETN	VXXB	ETN	Barclays Bank PLC	1.48%	NULL	1.47%	1.99%	NULL	\$ 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)
ProShares Short VIX Short-Term Futures	SVXY	ETF	ProShares Advisors LLC	-27.92%	179.34%	0.00%	-11.57%	18.39%	\$ 0.44

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