

ETF MARKET OVERVIEW – UPDATE AS OF 30 SEPTEMBER 2021

Top 10 Fund Inflows

ISIN	Name	3M Flow in \$m	AUM in \$m	3M AUM Growth %
US9219438580	Vanguard FTSE Developed Markets ETF	17 574	102 337	1%
US9229083632	Vanguard S&P 500 ETF	13 922	246 801	6%
US78462F1030	SPDR S&P 500 ETF	12 267	386 355	3%
US9229087690	Vanguard Total Stock Market ETF	11 462	262 866	4%
US9219378273	Vanguard Short-Term Bond ETF	7 791	42 176	22%
US4642877215	iShares U.S. Technology ETF	6 860	8 571	9%
US4642871762	iShares TIPS Bond ETF	5 438	33 671	19%
US5007673065	KraneShares CSI China Internet ETF	4 252	6 956	48%
US46090E1038	Invesco QQQ Trust	4 081	182 463	3%
US9219378356	Vanguard Total Bond Market ETF	3 788	81 988	4%

Top 10 Fund Outflows

ISIN	Name	3M Flow in \$m	AUM in \$m	3M AUM Growth %
US78463V1070	SPDR Gold Shares ETF	-3 141	55 455	-6%
IE00BD1F4M44	ETF iShares Edge MSCI USA Value Factor UCITS	-2 706	3 270	-47%
IE00BLNMYC90	Xtrackers S&P 500 Equal Weight UCITS ETF 1C	-2 440	3 969	-38%
US00214Q1040	ARK Innovation ETF	-2 191	19 374	-23%
US92189H8135	VanEck Vectors HIP Sustainable Muni ETF	-1 862	12	N/A
US81369Y1001	SPDR Materials Select Sector SPDR Fund	-1 811	7 494	-22%
JE00B1VS3770	WisdomTree Physical Gold	-1 768	5 907	-3%
IE00BF4RFH31	iShares MSCI World Small Cap UCITS ETF	-1 755	2 345	-44%
US4642886463	iShares 1-5 Year Investment Grade Corporate Bond ETF	-1 499	25 138	-6%
US78467X1090	SPDR Dow Jones Industrial Average ETF Trust	-1 478	28 398	-7%

Flow by Issuers in \$m

Issuer	Q3 2021 Flow	September AUM	June AUM	Q3 2021 Flow as % of AUM
BlackRock	69 148	3 058 523	3 151 545	2%
Vanguard	101 312	2 037 597	1 975 405	5%
State Street	17 878	1 029 882	1 059 096	2%
Invesco	6 026	412 805	408 866	1%
Charles Schwab	9 339	251 439	245 071	4%
Nomura Asset Management	- 292	249 194	244 184	0%
DWS	5 870	183 480	185 339	3%
First Trust	4 479	138 851	136 049	3%
Nikko Asset Management	1 087	114 490	111 144	1%
Daiwa Asset Management	1 195	111 612	107 813	1%
Societe Generale	283	105 282	105 604	0%
Amundi	1 380	90 620	90 837	2%
WisdomTree	-1 438	75 151	76 145	-2%
JPMorgan Chase & Co.	4 397	70 962	65 494	7%
Van Eck	- 802	67 092	69 714	-1%
BMO Funds	1 563	60 678	59 010	3%
ProShares	3 550	60 416	57 806	6%
UBS (Lux) Fund Solutions	958	49 967	50 217	2%
Mitsubishi UFJ Asset Management	783	47 854	45 547	2%
UBS AG	1 152	47 097	49 442	2%
Mirae Asset Global Investments	3 833	42 723	39 441	10%
Ark Investment Management	-4 644	38 480	50 029	-9%
PIMCO	1 174	38 295	37 204	3%
Dimensional ETFs	4 828	34 960	30 467	16%
Fidelity Investments	1 384	34 689	33 263	4%
Goldman Sachs	1 343	24 394	23 679	6%
Direxion Funds	343	24 192	25 493	1%
Samsung Asset Management	- 302	22 221	24 178	-1%
Yuanta-Polaris Securities Investment Trust	- 751	19 372	21 309	-4%
Northern Trust	496	18 399	17 695	3%

Flow by Issuers in \$m (cont'd)

Issuer	Q3 2021 Flow	September AUM	June AUM	Q3 2021 Flow as % of AUM
HSBC Asset Management	1 670	18 189	16 201	10%
Hang Seng Investment Management	1 533	17 031	18 355	8%
Exchange Traded Concepts	1 400	15 554	15 108	9%
BNP Paribas	148	15 469	15 357	1%
Mirae Asset MAPS Global Investments	3 488	14 256	10 986	32%
Xetra Gold	398	13 581	93 160	0%
KraneShares	4 717	13 262	10 976	43%
BetaShares Capital	1 588	13 165	12 082	13%
Deka ETFs	304	12 961	12 690	2%
ZKB	135	12 288	12 812	1%
Horizons	- 66	11 877	12 355	-1%
Invesco Markets II plc	1 264	10 941	9 794	13%
LGIM ETF's	- 21	10 171	10 318	0%
Franklin Templeton	- 83	10 083	10 858	-1%
One ETF	882	9 342	9 438	9%
ALPS	- 204	8 824	9 635	-2%
Capital Investment Trust Corporation	463	8 689	8 611	5%
Fubon Asset Management	475	8 567	8 129	6%
CSOP Asset Management	489	8 551	8 800	6%
Cathay Securities Investment Trust	- 165	8 541	9 577	-2%

Flow by Asset Class in \$m

Asset Class	Q3 2021 Flow
Equity	188 858
Fixed Income	71 847
Alternative	3 371
Future	0
Currency	- 364
Commodity	-8 783

New Launches

ISIN	Name	Launch Date	AUM in \$m	Asset Class	Issuer
US25434V8072	DIMENSIONAL INTERNATIONAL VALUE	13/09/2021	3 501	Equity	Dimensional ETFs
KR7381170000	KOREAN MIRAE ASSET TIGER US TECH TOP10 INDXX ETF	04/08/2021	665	Equity	Mirae Asset MAPS Global Investments
TW0000089309	CATHAY GLOBAL AUTONOMOUS AND ELECTRIC VEHICLES ETF	13/08/2021	603	Equity	Cathay Securities Investment Trust
HK0000768561	ISHARES CORE MSCI CHINA ETF USD	20/08/2021	567	Equity	BlackRock
BRHASHCTF018	HASHDEX NASDAQ CRYPTO INDEX FI	24/08/2021	373	Alternative	Hashdex ETF
US30151E6243	EXCHANGE LISTED FDS TR CABANA TGT LDNG SECTOR MODERATE ETF	12/07/2021	240	Equity	Exchange Traded Concepts
US0636796171	BMO MICROSECTORS FANG INNOVATION 3X LEVERAGED ETN	17/08/2021	180	Equity	BMO ETN
US30151E6326	EXCHANGE LISTED FDS TR CABANA TGT LDNG SECTOR CONSERVATIVE ETF	12/07/2021	178	Equity	Exchange Traded Concepts
US38149W8120	GOLDMAN SACHS FUTURE TECH LEADERS EQUITY ETF	14/09/2021	172	Equity	Goldman Sachs
US30151E6169	EXCHANGE LISTED FDS TR CABANA TGT LDNG SECTOR AGGRESSIVE ETF	12/07/2021	170	Equity	Exchange Traded Concepts
LU2198883501	LYXOR NET ZERO 2050 S&P 500 CLIMATE PAB (DR) UCITS ETF	10/09/2021	131	Equity	Societe Generale
IE00BP2C1V62	HSBC MSCI WORLD CLIMATE PARIS ALIGNED UCITS ETF	07/07/2021	123	Equity	HSBC Asset Management
KR7379810005	KOREAN SAMSUNG KODEX US NASDAQ100 TOTAL RETURN ETF	04/08/2021	119	Equity	Samsung Asset Management
KR7379800006	KOREAN SAMSUNG KODEX S&P500 TOTAL RETURN ETF	04/08/2021	113	Equity	Samsung Asset Management
US45259R1032	IMPACT SHARES AFFORDABLE HOUSING MBS ETF	23/07/2021	94	Fixed Income	Impact Shares Funds
FR0014003FW1	AMUNDI MSCI WORLD CLIMATE PARIS ALIGNED PAB UMWELTZEICHEN UCITS ETF	16/09/2021	91	Equity	Amundi
US0250723980	AMERICAN CENTURY MULTISECTOR INCOME ETF	06/07/2021	82	Fixed Income	American Century ETF Trust
US26922B7091	ETF SERIES SOLUTIONS INTERNATIONAL DRAWDOWN MANAGED EQUITY	28/07/2021	82	Equity	ETF Securities Limited
IE000I8KRLL9	ISHARES MSCI GLOBAL SEMICONDUCTORS UCITS ETF	03/08/2021	82	Equity	BlackRock
US8863646605	TIDAL ZEGA BUY & HEDGE ETF	07/07/2021	81	Equity	Tidal
KR7395750003	HANWHA ARIRANG ESG VALUE ACTIVE ETF	30/07/2021	76	Equity	Hanwha Asset Management

New Launches (cont'd)

ISIN	Name	Launch Date	AUM in \$m	Asset Class	Issuer
US90214Q6750	TWO ROADS LEADERSHARES DEFENSIVE YIELD ETF	06/07/2021	66	Fixed Income	Regents Park Funds
IE000CR424L6	ISHARES MSCI EUROPE SRI UCITS EUR HEDGED ETF	28/07/2021	65	Equity	BlackRock
US38149W7965	GOLDMAN SACHS FUTURE PLANET EQUITY ETF	13/07/2021	63	Equity	Goldman Sachs
KR7385520002	SAMSUNG KODEX K-FUTURE CAR ACTIVE ETF	26/08/2021	60	Equity	Samsung Asset Management
LU2370241684	LYXOR CORPORATE GREEN BOND (DR) UCITS ETF - ACC	12/08/2021	58	Fixed Income	Societe Generale
IE00BDVPNV63	WISDOMTREE ENHANCED COMMODITY EX-AGRICULTURE UCITS ETF EUR HEDGED ACC	12/07/2021	55	Commodity	WisdomTree
KR7368190005	NH-AMUNDI HANARO K-NEWDEAL DIGITAL PLUS ETF	26/08/2021	53	Equity	NH-Amundi Hanaro
KR7396510000	MIRAE ASSET TIGER CHINA CLEAN ENERGY SOLACTIVE ETF	10/08/2021	51	Equity	Mirae Asset MAPS Global Investments
US33939L5892	FLEXSHARES ESG & CLIMATE HIGH YIELD CORPORATE	21/09/2021	50	Fixed Income	Northern Trust
US47103U7616	JANUS HENDERSON IMPACT BOND	13/09/2021	50	Fixed Income	Janus
US47103U7798	JANUS HENDERSON SUSTAINABLE CORPORATE BOND ETF	08/09/2021	49	Fixed Income	Janus
US33939L5710	FLEXSHARES ESG & CLIMATE INVESTMENT GRADE CORPORATE CORE	20/09/2021	49	Fixed Income	Northern Trust
US30151E6573	GAVEKAL ASIA PACIFIC GOVERNMENT BOND ETF	23/07/2021	48	Fixed Income	Exchange Traded Concepts
US47103U7871	JANUS HENDERSON NET ZERO TRANSITION RESOURCES	08/09/2021	48	Equity	Janus
US47103U7954	JANUS HENDERSON INTERNATIONAL SUSTAINABLE EQUITY ETF	09/09/2021	47	Equity	Janus
US37954Y1608	GLOBAL X BLOCKCHAIN ETF	12/07/2021	46	Equity	Mirae Asset Global Investments
US53656F4256	LISTED FUNDS TRUST ALEXIS PRACTICAL TACTICAL ETF	06/07/2021	42	Equity	Listed Funds
US72201R6356	PIMCO MUNICIPAL INCOME OPPORTUNITIES ACTIVE ETF	08/09/2021	42	Fixed Income	PIMCO
KR7395760002	HANWHA ARIRANG ESG GROWTH ACTIVE ETF	26/08/2021	40	Equity	Hanwha Asset Management
KR7379780000	KOREAN KB KBSTAR S&P500 ETF	04/08/2021	36	Equity	KB Asset Management

New Launches (cont'd)

ISIN	Name	Launch Date	AUM in \$m	Asset Class	Issuer
US41151J1097	HARBOR SCIENTIFIC ALPHA HIGH-YIELD	15/09/2021	35	Fixed Income	Harbor ETF
US41151J2087	HARBOR SCIENTIFIC ALPHA INCOME	13/09/2021	35	Fixed Income	ETFMG
KR7396500001	MIRAE ASSET TIGER FN SEMICONDUCTOR TOP 10 ETF	26/08/2021	31	Equity	Mirae Asset MAPS Global Investments
US46641Q1756	JPMORGAN INTL EQUITY CORE ETF	07/07/2021	28	Equity	JPMorgan Chase & Co.
DE000A3GSUE1	ETN VANECK VECTORS TRON	13/09/2021	28	Alternative	Van Eck
US09661T8595	BNY MELLON ULTRA SHORT INCOME	09/08/2021	28	Fixed Income	BNY Mellon
KR7396520009	MIRAE ASSET TIGER CHINA SEMICONDUCTOR FACTSET ETF	01/09/2021	27	Equity	Mirae Asset MAPS Global Investments
US46641Q1830	JPMORGAN US LARGE CAP EQUITY CORE ETF	07/07/2021	27	Equity	JPMorgan Chase & Co.
US06747T3822	PACER IPATH GOLD TRENDPILOT ETN	17/08/2021	24	Commodity	Barclays
US0250724145	AMERICAN CENTURY EMERGING MARKETS BOND ETF	06/07/2021	22	Fixed Income	American Century ETF Trust
KR7377990007	KOREAN MIRAE ASSET TIGER FN RENEWABLE ENERGY ETF	04/08/2021	20	Equity	Mirae Asset MAPS Global Investments
US87283Q6026	T ROWE PRICE QM US BOND ETF	29/09/2021	20	Fixed Income	T. Rowe Price Associates, Inc
US87283Q7016	T ROWE PRICE ULTRA SHORT-TERM BOND ETF	29/09/2021	20	Fixed Income	T. Rowe Price Associates, Inc
US47804J7928	JOHN HANCOCK MORTGAGE BACKED SECURITIES ETF	19/08/2021	20	Fixed Income	John Hancock
US19761L8880	COLUMBIA SHORT DURATION BOND ETF	22/09/2021	20	Fixed Income	Columbia Threadneedle Investments
US8874322840	TIMOTHY PLAN US LARGE/MID CAP CORE ENHANCED ETF	23/07/2021	20	Equity	Timothy Plan
HK0000756236	HONG KONG - GLOBAL X ASIA SEMICONDUCTOR	22/07/2021	18	Equity	Mirae Asset Global Investments
US84858T8062	VECTORSHARES MINIMUM VOLUME ETF	22/07/2021	17	Equity	ETF Securities Limited
US8874322766	TIMOTHY PLAN HIGH DIVIDEND STOCK ENHANCED ETF	23/07/2021	17	Equity	Timothy Plan
KR7391600004	KIM KINDEX US GREEN THEME INDXX ETF	17/09/2021	17	Equity	Korea Investment Management
US26923N5041	OPPORTUNITIES TR FORMIDABLE FORT ETF	16/07/2021	16	Equity	ETF Securities Limited

New Launches (cont'd)

ISIN	Name	Launch Date	AUM in \$m	Asset Class	Issuer
IE00BP2C0316	HSBC MSCI EUROPE CLIMATE PARIS ALIGNED UCITS	04/08/2021	16	Equity	HSBC Asset Management
KR7388420002	KB KBSTAR NON MEMORY SEMICONDUCTOR ACTIVE ETF	23/07/2021	15	Equity	KB Asset Management
IE00BP2C1S34	HSBC MSCI USA CLIMATE PARIS ALIGNED UCITS ETF	04/08/2021	15	Equity	HSBC Asset Management
US00768Y3707	ADVISORSHARES GERBER KAWASAKI ETF	02/07/2021	15	Equity	AdvisorShares
US82889N7802	SIMPLIFY TAIL RISK STRATEGY ETF	13/09/2021	14	Equity	Simplify Exchange Traded Funds
KR7394350003	KIWOOM KOSEF LYXOR GLOBAL FUTURE MOBILITY MSCI ETF	01/09/2021	14	Equity	Kiwoom Asset Management
BRBITHCTF004	HASHDEX NASDAQ BITCOIN REFERENCE PRICE FI (BITH11) ETF	24/08/2021	13	Alternative	Hashdex ETF
LU2346257210	IETF LYXOR ESG EURO HIGH YIELD (DR) UCITS ACC ETF	06/08/2021	13	Fixed Income	Societe Generale
US46436E4787	ISHARES IBONDS DEC 2027 TERM TREASURY ETF	07/07/2021	12	Fixed Income	BlackRock
US92189H8135	VANECK VECTORS HIP SUSTAINABLE MUNI ETF	08/09/2021	12	Fixed Income	Van Eck
LU2355200796	AMUNDI ETF - AMUNDI INDEX J.P.MORGAN GBI GLOBAL GOVIES UCITS ETF	26/07/2021	12	Fixed Income	Amundi
US8863646456	TIDAL SONICSHARES GLOBAL SHIPPING	03/08/2021	12	Equity	Tidal
US37954Y1525	GLOBAL X FUNDS HYDROGEN ETF	12/07/2021	12	Equity	Mirae Asset Global Investments
IE00BL6K8D99	ISHARES MSCI EMU PARIS-ALIGNED CLIMATE UCITS ETF EUR (ACC)	27/07/2021	11	Equity	BlackRock
US66538F2314	NORTHERN LIGHTS FD TR FUTURE FD ACTIVE ETF	23/08/2021	11	Equity	Northern Lights
US45783Y8553	INNOVATOR EQUITY BD ALT ETF	01/07/2021	11	Equity	Innovator
US47103U8291	JANUS HENDERSON US REAL ESTATE ETF	26/08/2021	11	Equity	Janus
US45783Y8892	INNOVATOR U.S. EQUITY ACCELERATED 9 BUFFER JULY ETF	01/07/2021	10	Equity	Innovator
KR7391590007	KIM KINDEX US SPAC&IPOINDXX ETF	01/09/2021	10	Equity	Korea Investment Management
US41653L8679	HARTFORD SCHRODERS COMMODITY STRATEGY ETF	14/09/2021	10	Commodity	Hartford Fund

New Launches (cont'd)

ISIN	Name	Launch Date	AUM in \$m	Asset Class	Issuer
KR7395160005	KOREAN SAMSUNG KODEX FN SYSTEM SEMICONDUCTOR ETF	09/08/2021	10	Equity	Samsung Asset Management
US02072L7551	VIRIDI ESG CRYPTO MINING ETF	08/09/2021	10	Equity	Alpha Architect ETF Trust
KR7381570001	NH-AMUNDI HANARO GREEN ENERGY	26/07/2021	10	Equity	Amundi
US41653L8000	HARTFORD SCHRODERS ESG US EQUITY ETF	11/08/2021	10	Equity	Hartford Fund
US0321087977	AMPLIFY THEMATIC ALL STARS ETF	15/07/2021	9	Equity	Amplify ETF
IE00BLRPRR04	RIZE ENVIRONMENTAL IMPACT 100 UCITS ETF	14/07/2021	9	Equity	RIZE ETF
KR7395150006	SAMSUNG KODEX FN WEBTOON AND DRAMA ETF	31/07/2021	9	Equity	Samsung Asset Management
JP3049320009	JAPANESE ETFS - GLOBALX JAPAN GAMES & ANIMATION ETF	26/07/2021	8	Equity	Mirae Asset Global Investments
US45783Y8066	INNOVATOR U.S. EQUITY ACCELERATED PLUS JULY ETF	01/07/2021	8	Equity	Innovator
US4697857039	JACOB FUNDS FORWARD ETF	26/07/2021	7	Equity	ETF Securities Limited
KR7380340000	ETF KIM KINDEX FN5G PLUS	04/08/2021	7	Equity	Korea Investment Management
US45783Y8710	INNOVATOR GROWTH ACCELERATED PLUS JULY ETF	01/07/2021	7	Equity	Innovator
KR7395270002	NH-AMUNDI HANARO K-SEMICONDUCTOR ETF	29/07/2021	7	Equity	NH-Amundi Hanaro
KR7395170004	SAMSUNG KODEX FN TOP10 EQUAL WEIGHT ETF	30/07/2021	7	Equity	Samsung Asset Management
US26922B8404	SERVICE SOLUTIONS HOYA CAPITAL HIGH DIVIDEND YIELD	21/09/2021	7	Equity	Exchange Traded Concepts
KR7394340004	KIWOOM KOSEF LYXOR GLOBAL DIGITAL ECONOMY MSCI ETF	01/09/2021	7	Equity	Kiwoom Asset Management
IE000U6US1Q0	ISHARES GLOBAL AGGREGATE BD ESG UCITS ETF USD DIS	25/08/2021	7	Fixed Income	BlackRock

For more information www.ihsmarkit.com

CUSTOMER CARE

NORTH AND SOUTH AMERICA

T +1 800 447 2273

EUROPE, MIDDLE EAST AND AFRICA

T +44 1344 328 300

ASIA PACIFIC

T +604 291 3600

JAPAN

T +81 3 6262 1887

E CustomerCare@ihsmarkit.com

About IHS Markit

IHS Markit (NYSE: INFO) is a world leader in critical information, analytics and expertise to forge solutions for the major industries and markets that drive economies worldwide. The company delivers next-generation information, analytics and solutions to customers in business, finance and government, improving their operational efficiency and providing deep insights that lead to well-informed, confident decisions. IHS Markit has more than 50,000 business and government customers, including 80 percent of the Fortune Global 500 and the world's leading financial institutions. Headquartered in London, IHS Markit is committed to sustainable, profitable growth.