

June 2016

U.S. ETP Monthly Flash

NYSE Arca U.S. Exchange Traded Products (ETP)

Highlights from June 2016

- › In June, 17 new ETPs listed on NYSE Arca
 - At the end of June, 1,565 ETPs were listed on NYSE Arca
- › US ETP notional volume represented 30.62% of all CTA issues in June 2016
- › US ETP daily average turnover was approximately \$85.64 billion in June 2016
- › NYSE Arca was at the NBBO 92.46% of the time, leading all US exchanges
- › NYSE Arca had 23.40% of all US ETP trading volume, leading all US exchanges

NYSE Arca U.S. Exchange Traded Products (ETP)

Top 10 Most Actively Traded Securities in the U.S (by Turnover Volume) June

Symbol	Name	Product Type	Consolidated Trading Volume	Consolidated Turnover Volume (\$)	Average Daily Trading Volume	Average Daily Turnover Volume (\$)
SPY	SPDR S&P 500 ETF Trust	ETF	2,636,521,229	\$546,006,033,263	119,841,874	\$24,818,456,057
IWM	iShares Russell 2000 ETF	ETF	747,582,934	\$85,466,214,911	33,981,042	\$3,884,827,951
AAPL	Apple Inc.	Stock	839,916,644	\$80,782,279,055	38,178,029	\$3,671,921,775
QQQ	PowerShares QQQ Trust, Series 1	ETF	581,268,203	\$62,284,286,021	26,421,282	\$2,831,103,910
EEM	iShares MSCI Emerging Markets ETF	ETF	1,691,094,241	\$56,820,957,610	76,867,920	\$2,582,770,800
AMZN	Amazon.Com Inc	Stock	75,708,141	\$54,007,562,129	3,441,279	\$2,454,889,188
FB	Facebook, Inc. Class A	Stock	464,850,744	\$53,247,331,034	21,129,579	\$2,420,333,229
EFA	iShares MSCI EAFE ETF	ETF	818,923,545	\$46,052,084,772	37,223,798	\$2,093,276,581
MSFT	Microsoft Corp	Stock	908,299,582	\$45,904,421,661	41,286,345	\$2,086,564,621
GDX	VanEck Vectors Gold Miners ETF	ETF	1,761,671,168	\$45,407,452,505	80,075,962	\$2,063,975,114

Top 10 Most Actively Traded ETPs in the U.S. (by Turnover Volume) in June

SPY	SPDR S&P 500 ETF Trust	ETF	2,636,521,229	\$546,006,033,263	119,841,874	\$24,818,456,057
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GLD	SPDR Gold Trust, SPDR Gold Shares	ETV	309,666,635	\$38,053,910,608	14,075,756	\$1,729,723,209
VXX	iPath S&P 500 VIX Short-Term Futures ETN due 1/30/2019	ETN	2,123,292,430	\$32,043,437,779	96,513,292	\$1,456,519,899
HYG	iShares iBoxx \$ High Yield Corporate Bond ETF	ETF	374,633,101	\$31,307,384,393	17,028,777	\$1,423,062,927
TLT	iShares 20+ Year Treasury Bond ETF	ETF	210,744,458	\$28,590,740,105	9,579,294	\$1,299,579,096

NYSE Arca U.S. Exchange Traded Products (ETP)

New ETP Launched on NYSE Arca in June

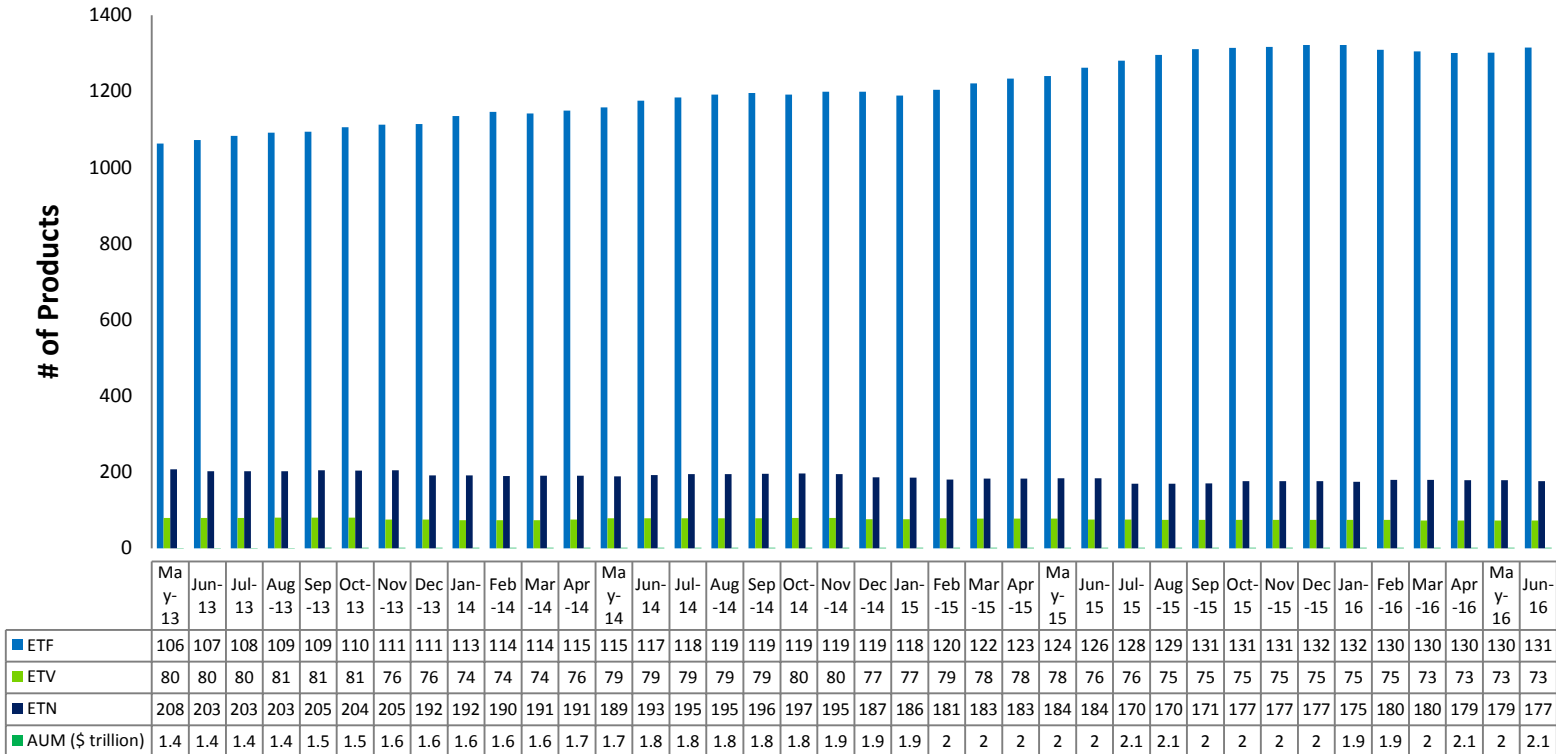
Symbol	Listing Date	Name	Product Type	Consolidated Trading Volume	Consolidated Turnover Volume (\$)	Average Daily Trading Volume	Average Daily Turnover Volume (\$)
OEW	6/30/2016	Guggenheim S&P 100 Equal Weight ETF	ETF	350	\$8,946	350	\$8,946
XTH	6/28/2016	SPDR S&P Technology Hardware ETF	ETF	5,400	\$275,469	1,800	\$91,823
XWEB	6/28/2016	SPDR S&P Internet ETF	ETF	5,921	\$302,952	1,974	\$100,984
DESC	6/28/2016	Deutsche X-trackers Russell 2000 Comprehensive Factor ETF	ETF	2,100	\$53,340	700	\$17,780
HYDD	6/16/2016	Direxion Daily High Yield Bear 2X Shares	ETF	29,005	\$722,538	2,637	\$65,685
RFUN	6/14/2016	RiverFront Dynamic Unconstrained Income ETF	ETF	16,099	\$400,695	1,238	\$30,823
RFCI	6/14/2016	RiverFront Dynamic Core Income ETF	ETF	978	\$24,552	75	\$1,889
SPDN	6/8/2016	Direxion Daily S&P 500 Bear 1X Shares	ETF	1,397,831	\$28,201,257	82,225	\$1,658,897

NYSE Arca U.S. Exchange Traded Products (ETP)

New ETP Launched on NYSE Arca in June

Symbol	Listing Date	Name	Product Type	Consolidated Trading Volume	Consolidated Turnover Volume (\$)	Average Daily Trading Volume	Average Daily Turnover Volume (\$)
ESGW	6/7/2016	Columbia Sustainable Global Equity Income ETF	ETF	500	\$12,210	28	\$678
ESGN	6/7/2016	Columbia Sustainable International Equity Income ETF	ETF	900	\$21,744	50	\$1,208
ESGS	6/7/2016	Columbia Sustainable U.S. Equity Income ETF	ETF	4,078	\$100,335	227	\$5,574
RFDA	6/7/2016	RiverFront Dynamic US Dividend Advantage Fund	ETF	42,576	\$1,064,150	2,365	\$59,119
RFFC	6/7/2016	RiverFront Dynamic US Flex-Cap ETF	ETF	12,898	\$318,232	717	\$17,680
FLQH	6/3/2016	Franklin LibertyQ International Equity Hedged ETF	ETF	271,375	\$6,804,564	13,569	\$340,228
FLQE	6/3/2016	Franklin LibertyQ Emerging Markets ETF	ETF	123,841	\$3,277,915	6,192	\$163,896
FLQD	6/3/2016	Franklin LibertyQ Global Dividend ETF	ETF	132,751	\$3,448,856	6,638	\$172,443
FLQG	6/3/2016	Franklin LibertyQ Global Equity ETF	ETF	136,020	\$3,494,997	6,801	\$174,750

NYSE Arca U.S. Exchange Traded Products (ETP)



- As of June 2016, 1,934 ETPs are listed in the US, 1,565 of which were listed on NYSE Arca
- NYSE Arca listed ETPs have a total AUM of approx. \$2.06 trillion

NYSE Arca ETPs (By Issuer)

Issuer	# of ETPs	New in June	New YTD	Turnover
Academy Funds	1			\$7,650,177
AdvisorShares	19			\$284,496,577
AlphaClone	2			\$11,200,626
ALPS	17	4 (RFUN,RFCI,RFFC,RFDA)	5	\$3,156,361,265
ARK	4			\$3,292,679
ArrowShares	2			\$10,273,416
Barclays	69			\$33,504,741,628
Cambria	7		1	\$27,614,163
Charles Schwab	21			\$7,193,416,687
Citigroup	2			\$893,309
Columbia Management	5	3(ESGW,ESGS,ESGN)	3	\$1,488,729
Credit Suisse	10		2	\$126,705,402
CSOP	3			\$660,525
Deutsche Bank	28			\$2,969,383,868
db X-trackers	34	1 (DESC)	2	\$5,803,780,983
Diamond Hill	1			\$6,222,066
Direxion Shares	78	2 (HYDD,SPDN)	5	\$64,050,717,904
Emerging Global	9			\$95,208,961
ETF Managers Group	3			\$4,417,537
ETF Securities	9			\$379,830,812
Exchange Traded Concepts	9		1	\$107,438,212
Fidelity	14			\$761,889,302
FirstTrust	32			\$7,961,905,534

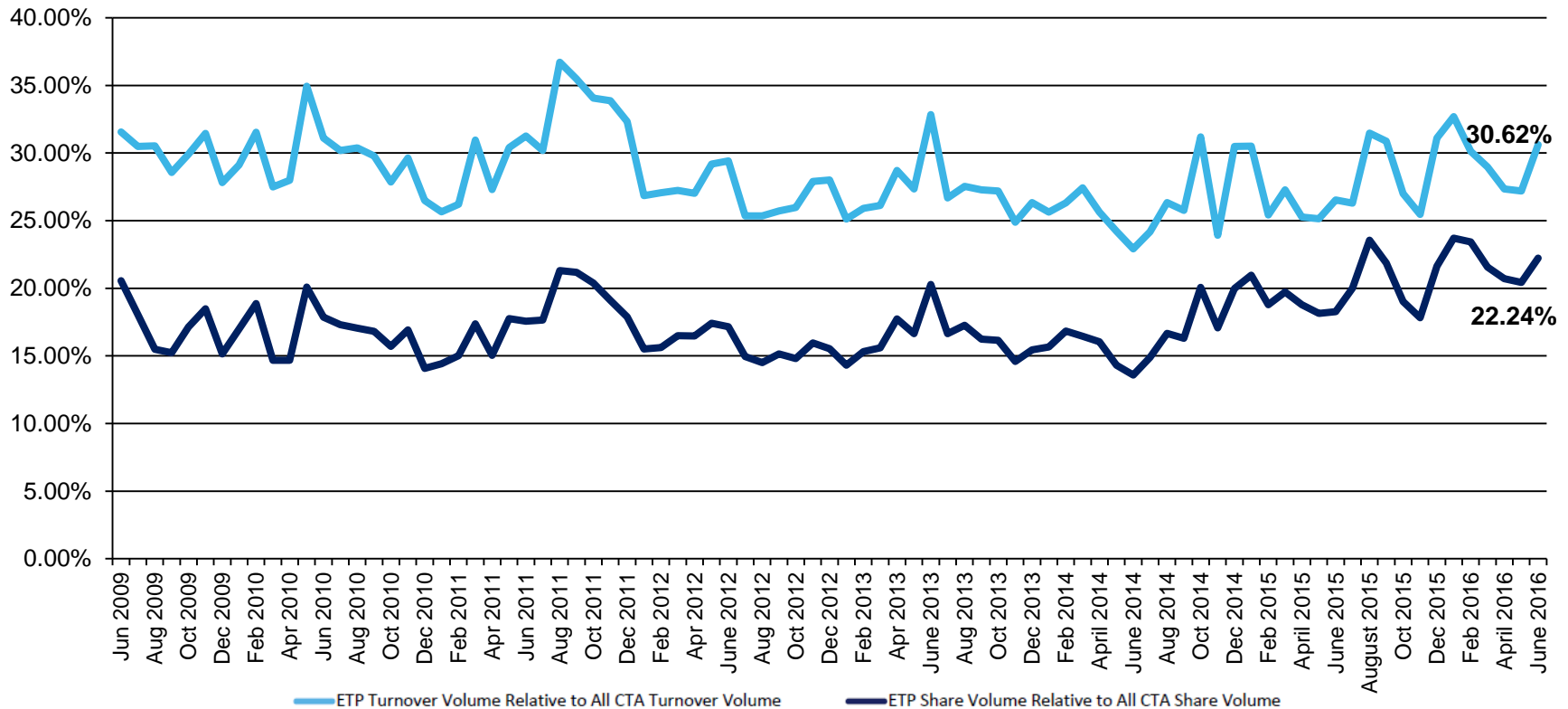
NYSE Arca ETPs (By Issuer)

Issuer	# of ETPs	New in June	New YTD	Turnover
FlexShares	17			\$774,302,173
Franklin Templeton	5	4(FLQH,FLQG,FLQE,FLQD)	4	\$25,374,405
Global X	40			\$1,022,986,435
Goldman Sachs	2			\$1,749,707
Goldman Sachs Asset Management	5		2	\$277,089,094
Guggenheim	77	1(OEW)	4	\$7,261,447,286
Highland Funds	1			\$111,324,286
Horizons	1			\$5,016,273
HSBC	1			\$321,264
IndexIQ	19		2	\$407,487,932
Invesco PowerShares	114			\$73,656,012,232
iShares	264			\$521,669,822,532
Janus	2			\$3,682,592
John Hancock	11		5	\$18,561,135
JPMorgan Chase & Co.	1			\$2,069,344,850
JP Morgan ETFs	8		3	\$81,483,260
Krane Shares	3			\$58,538,710
Lattice	4			\$6,916,463
LocalShares	1			\$847,090
Merk	1			\$99,355,705,158
Morgan Stanley	5			\$74,178,422,130
Oppenheim	8			\$22,931,186
O'Shares	5			\$13,070,338
PIMCO	14			\$2,895,319,829

NYSE Arca ETPs (By Issuer)

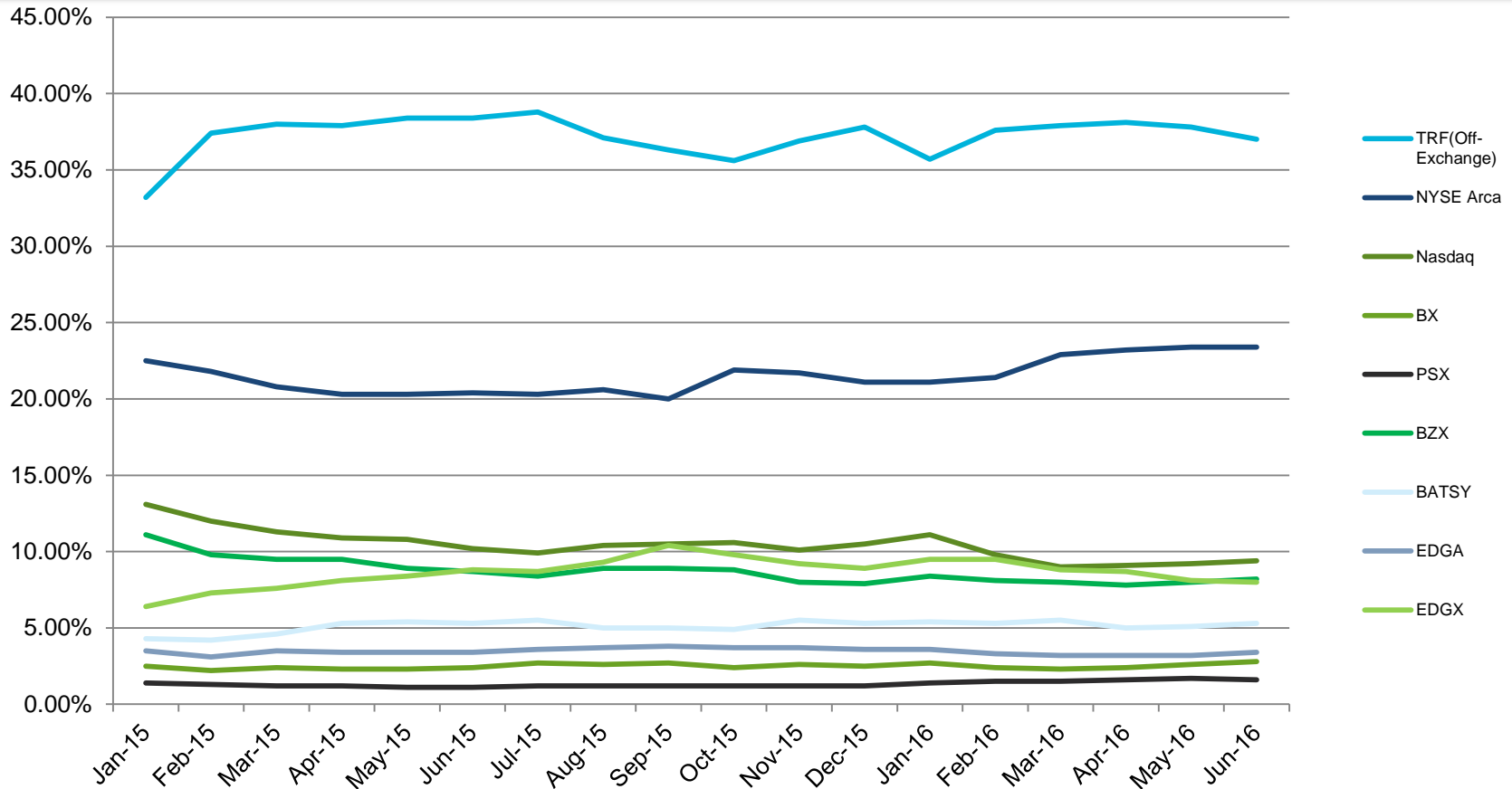
Issuer	# of ETPs	New in June	New YTD	Turnover
Principal	1			\$16,737,608
ProShares	132			\$88,259,472,344
PureFunds	6		2	\$190,300,933
QuantShares	5			\$27,496,589
RealityShares	1			\$4,458,612
Renaissance Capital	2			\$909,426
RexShares	2		2	\$19,923,110
Royal Bank of Canada	1			\$2,218,404
SPDR ETFs	161	2(XTH,XWEB)	4	\$817,272,581,517
Sprott Asset Management	6		1	\$464,513,447
Strategy Shares	2			\$2,451,923
Swedish Export Credit (SEK)	7			\$52,378,371
Teucrium	5			\$104,488,624
Tortoise	1			\$5,159,997
TrimTabs	1			\$152,621
UBS	48		5	\$21,120,157
United States Commodity Funds LLC	12			\$648,199,252
U.S. Global Investors	1			\$7,849,592,253
VanEck Vectors	54		2	\$74,178,422,130
Vanguard	49			\$99,355,705,158
VelocityShares	4			\$48,997,745,676
Virtus ETF Solutions	2			\$68,833,918
WBI	10			\$93,199,267
WisdomTree	64		1	\$18,120,237,292

U.S. ETP Consolidated Volumes



- › During the month of June, US ETP CADV was 1.69 billion and daily notional value was \$85.66 billion
- › By the end of June, US ETP share and notional volume represented 22.44% and 30.62%, respectively of all CTA issues

U.S. ETP Market Share by Trading Venue



- › In June 2016, NYSE Arca led all exchanges with an ETP trading market share of 23.40%
- › ETP trades occurring off-exchange in June 2016 represented 37.00%

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