



NEW YORK STOCK EXCHANGE

**U.S. EXCHANGE TRADED FUNDS
MONTHLY FLASH**

JANUARY 2017

NYSE ARCA U.S. EXCHANGE TRADED FUNDS (ETFs)

HIGHLIGHTS FROM JANUARY 2017

- In January, **8 new ETFs¹** listed on NYSE Arca
 - At the end of January, **1,508 ETFs** were listed on NYSE Arca
- US ETP notional volume represented **27.10%** of all CTA issues in January 2017
- US ETP daily average turnover was approximately **\$72.63** billion in January 2017
- NYSE Arca was at the NBBO **92.68%** of the time, leading all US exchanges
- NYSE Arca had **22.30%** of all US ETP trading volume, leading all US exchanges

¹ETFs include all exchange traded products

NYSE ARCA U.S. EXCHANGE TRADED FUNDS (ETFs)

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

| 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 | 1,602,040,152 | \$363,415,449,076 | 80,102,008 | \$18,170,772,454 |
| IWM | iShares Russell 2000 ETF | ETF | 612,984,155 | \$82,990,069,299 | 30,649,208 | \$4,149,503,465 |
| AAPL | Apple Inc. | Stock | 613,284,670 | \$73,287,722,671 | 30,664,234 | \$3,664,386,134 |
| AMZN | Amazon.Com Inc | Stock | 74,761,948 | \$60,175,545,825 | 3,738,097 | \$3,008,777,291 |
| FB | Facebook, Inc. Class A | Stock | 399,950,677 | \$50,541,223,146 | 19,997,534 | \$2,527,061,157 |
| GDJ | VanEck Vectors Gold Miners ETF | ETF | 2,164,913,384 | \$49,632,247,349 | 108,245,669 | \$2,481,612,367 |
| QQQ | PowerShares QQQ Trust, Series 1 | ETF | 371,463,324 | \$45,631,125,969 | 18,573,166 | \$2,281,556,298 |
| BAC | Bank of America Corporation | Stock | 1,997,511,801 | \$45,528,538,159 | 99,875,590 | \$2,276,426,908 |
| EEM | iShares MSCI Emerging Markets ETF | ETF | 1,159,159,429 | \$42,344,456,398 | 57,957,971 | \$2,117,222,820 |
| NVDA | Nvidia Corp | Stock | 349,100,345 | \$36,600,931,009 | 17,455,017 | \$1,830,046,550 |

Top 10 Most Actively Traded ETFs in the U.S. (by Turnover Volume) in January

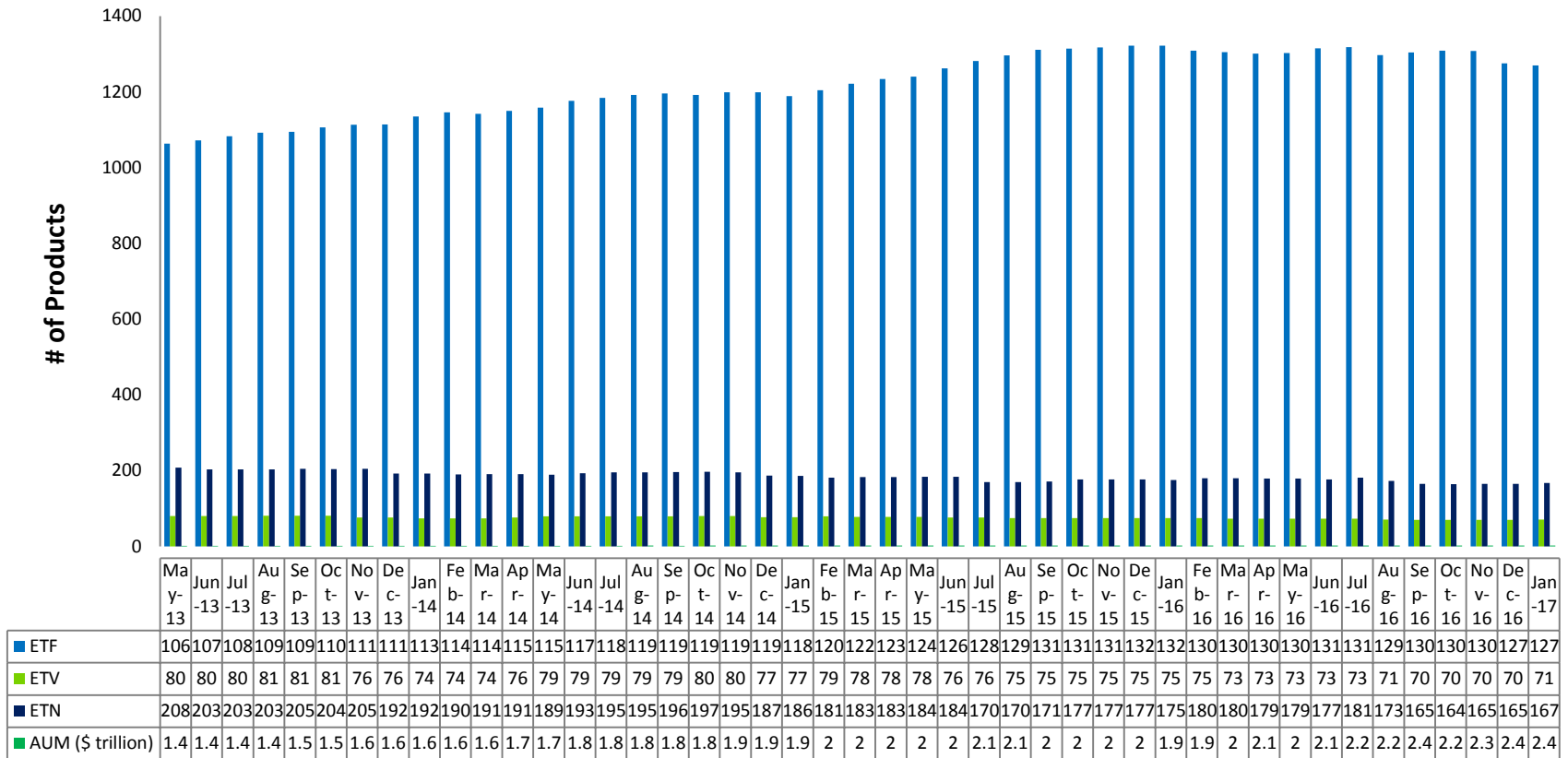
| | | | | | | |
|-----|------------------------------------------------|-----|---------------|-------------------|-------------|------------------|
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| EFA | iShares MSCI EAFE ETF | ETF | 560,251,632 | \$33,203,582,488 | 28,012,582 | \$1,660,179,124 |
| XLF | Financial Select Sector SPDR Fund | ETF | 1,290,615,507 | \$30,176,981,949 | 64,530,775 | \$1,508,849,097 |
| GDJ | VanEck Vectors Junior Gold Miners ETF | ETF | 745,689,211 | \$27,062,091,374 | 37,284,461 | \$1,353,104,569 |
| TLT | iShares 20+ Year Treasury Bond ETF | ETF | 221,354,325 | \$26,696,423,523 | 11,067,716 | \$1,334,821,176 |
| HYG | iShares iBoxx \$ High Yield Corporate Bond ETF | ETF | 235,120,641 | \$20,506,260,796 | 11,756,032 | \$1,025,313,040 |

NYSE ARCA U.S. EXCHANGE TRADED FUNDS (ETFs)

New ETFs Launched on NYSE Arca in January

| Symbol | Listing Date | Name | Product Type | Consolidated Trading Volume | Consolidated Turnover Volume (\$) | Average Daily Trading Volume | Average Daily Turnover Volume (\$) |
|--------|--------------|---------------------------------------------------|--------------|-----------------------------|-----------------------------------|------------------------------|------------------------------------|
| GLDW | 1/30/2017 | SPDR® Long Dollar Gold Trust | ETV | 126,470 | \$15,142,670 | 63,235 | \$7,571,335 |
| FLIO | 1/27/2017 | Franklin Liberty International Opportunities ETF | ETF | 2,400 | \$58,793 | 800 | \$19,598 |
| CUMB | 1/18/2017 | Virtus Cumberland Municipal Bond ETF | ETF | 948,128 | \$23,710,792 | 94,813 | \$2,371,079 |
| CLTL | 1/12/2017 | PowerShares Treasury Collateral Portfolio | ETF | 500 | \$52,690 | 36 | \$3,764 |
| SPLZ | 1/5/2017 | Direxion Daily Consumer Staples Bear 1X Shares | ETF | 2,311 | \$57,518 | 122 | \$3,027 |
| UTLZ | 1/5/2017 | Direxion Daily Utilities Bear 1X Shares | ETF | 15,000 | \$375,217 | 789 | \$19,748 |
| WTID | 1/5/2017 | UBS ETRACS - ProShares Daily 3x Inverse Crude ETN | ETN | 90,620 | \$2,325,530 | 4,769 | \$122,396 |
| WTIU | 1/5/2017 | UBS ETRACS - ProShares Daily 3x Long Crude ETN | ETN | 193,229 | \$4,540,014 | 10,170 | \$238,948 |

NYSE ARCA U.S. EXCHANGE TRADED FUNDS (ETFs)



- As of January 2017, 1,982 ETFs are listed in the U.S., 1,508 of which were listed on NYSE Arca
- NYSE Arca listed ETFs have a total AUM of approximately \$2.43 trillion

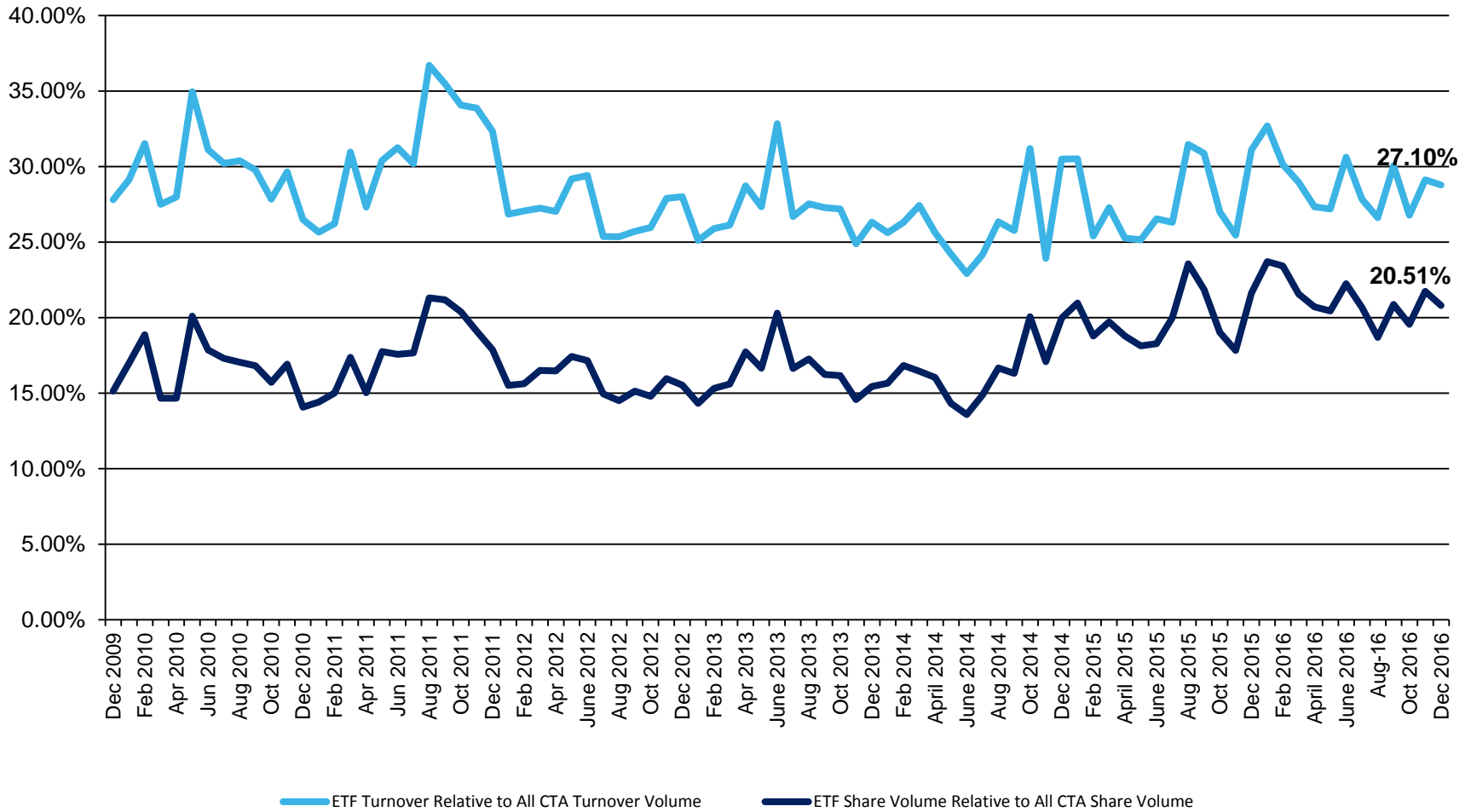
NYSE ARCA ETFs (BY ISSUER)

| Issuer | # of ETFs | New in December | New YTD | Turnover |
|--------------------------------|-----------|-----------------|---------|-------------------|
| Academy Funds | 1 | | | \$7,433,435 |
| AdvisorShares | 21 | | | \$155,020,276 |
| AlphaClone | 2 | | | \$9,734,856 |
| ALPS | 18 | | | \$3,007,812,116 |
| ARK | 4 | | | \$18,158,181 |
| ArrowShares | 2 | | | \$24,896,460 |
| Barclays | 71 | | | \$18,692,603,905 |
| Cambria | 3 | | | \$55,946,363 |
| Charles Schwab | 21 | | | \$8,728,378,454 |
| Citigroup | 3 | | | \$3,979,141 |
| Columbia Management | 14 | | | \$208,040,344 |
| Credit Suisse | 10 | | | \$68,423,758 |
| CSOP | 3 | | | \$1,188,812 |
| Deutsche Bank | 28 | | | \$4,646,181,583 |
| db X-trackers | 18 | | | \$3,531,866,218 |
| Diamond Hill | 1 | | | \$4,272,884 |
| Direxion Shares | 82 | 2(SPLZ,UTLZ) | 2 | \$61,003,582,873 |
| ETF Managers Group | 4 | | | \$9,607,063 |
| ETF Securities | 5 | | | \$369,090,200 |
| Exchange Traded Concepts | 7 | | | \$216,816,490 |
| Fidelity | 20 | | | \$1,596,023,078 |
| FirstTrust | 34 | | | \$8,418,443,700 |
| FlexShares | 18 | | | \$1,356,199,112 |
| Franklin Templeton | 8 | 1 (FLIO) | 1 | \$15,490,914 |
| Global X | 40 | | | \$1,237,459,099 |
| Goldman Sachs | 2 | | | \$930,966 |
| Goldman Sachs Asset Management | 7 | | | \$373,589,078 |
| Guggenheim | 76 | | | \$8,322,563,967 |
| Hartford Funds | 5 | | | \$9,801,357 |
| Horizons | 2 | | | \$5,118,257 |
| IndexIQ | 19 | | | \$267,243,612 |
| Invesco PowerShares | 88 | 1(CLTL) | 1 | \$59,687,889,706 |
| iShares | 258 | | | \$487,668,985,284 |
| Janus | 3 | | | \$16,267,555 |
| John Hancock | 12 | | | \$45,193,469 |

NYSE ARCA ETFs (BY ISSUER)

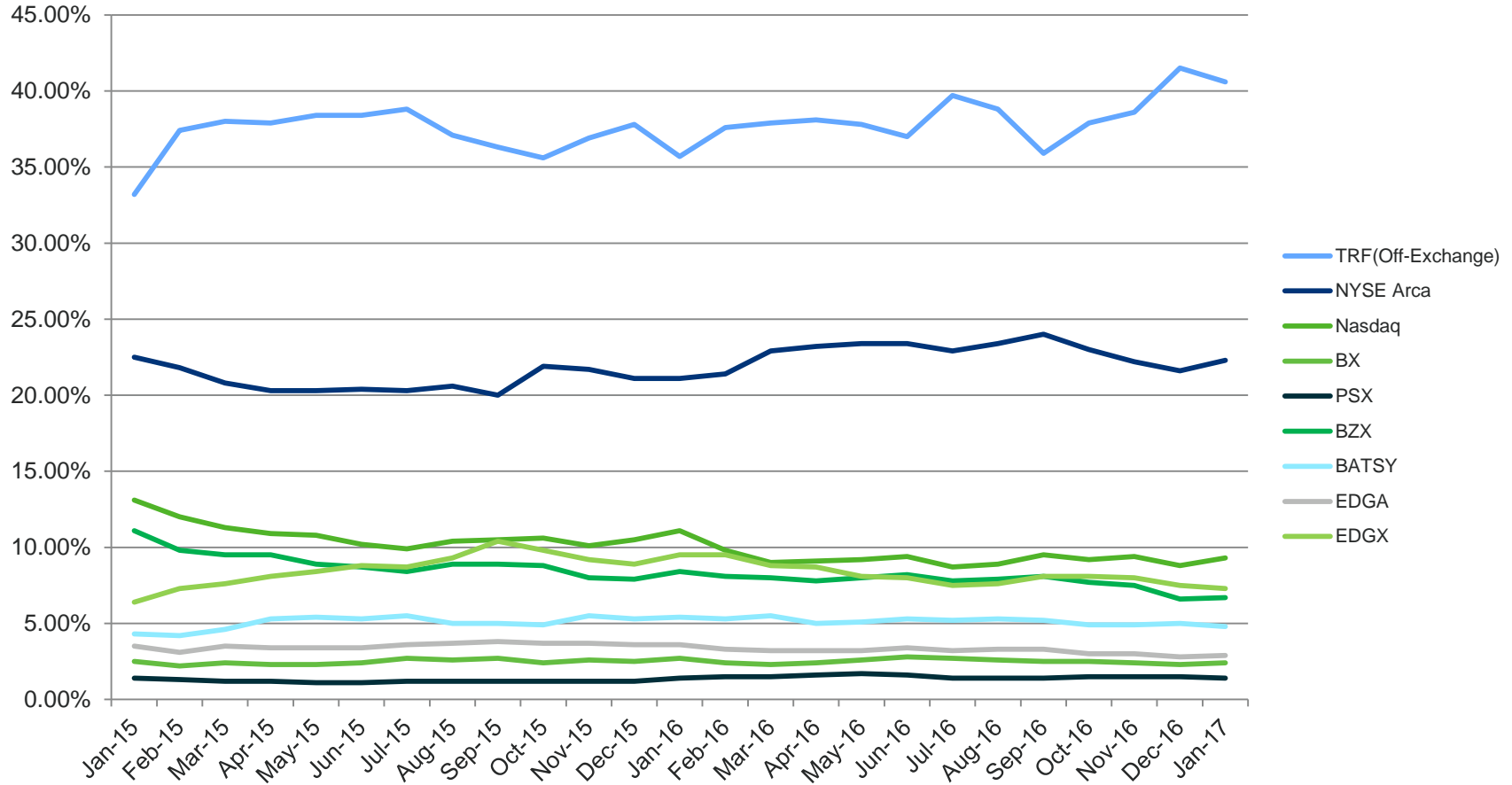
| Issuer | # of ETFs | New in December | New YTD | Turnover |
|-----------------------------------|-----------|-----------------|---------|-------------------|
| JPMorgan Chase & Co. | 1 | | | \$1,537,608,485 |
| JP Morgan ETFs | 10 | | | \$265,900,936 |
| Krane Shares | 3 | | | \$102,631,593 |
| LocalShares | 1 | | | \$454,056 |
| Merk | 1 | | | \$15,362,759 |
| Morgan Stanley | 5 | | | \$9,023,347 |
| Natixis | 1 | | | \$1,054,554 |
| Nuveen | 1 | | | \$8,195,599 |
| Oppenheimer | 9 | | | \$364,910,948 |
| O'Shares | 6 | | | \$87,879,765 |
| PIMCO | 14 | | | \$2,839,175,569 |
| Principal | 1 | | | \$4,762,158 |
| ProShares | 120 | | | \$54,793,726,099 |
| PureFunds | 6 | | | \$419,650,757 |
| QuantShares | 5 | | | \$9,278,987 |
| RealityShares | 1 | | | \$11,927,662 |
| Reaves | 1 | | | \$2,862,341 |
| Renaissance Capital | 2 | | | \$1,901,584 |
| RexShares | 2 | | | \$6,426,201 |
| Royal Bank of Canada | 1 | | | \$1,293,168 |
| SPDR ETFs | 147 | 1(GLDW) | 1 | \$621,378,891,597 |
| Sprott Asset Management | 6 | | | \$238,947,844 |
| Strategy Shares | 2 | | | \$3,649,651 |
| Swedish Export Credit (SEK) | 7 | | | \$34,101,997 |
| Teucrium | 5 | | | \$69,119,995 |
| Tortoise | 1 | | | \$18,138,742 |
| UBS | 41 | 2(WTID,WTIU) | 2 | \$861,572,078 |
| United States Commodity Funds LLC | 13 | | | \$7,692,365,190 |
| U.S. Global Investors | 1 | | | \$26,248,484 |
| VanEck Vectors | 53 | | | \$92,601,477,313 |
| Vanguard | 49 | | | \$103,561,763,658 |
| VelocityShares | 7 | | | \$31,277,658,474 |
| Virtus ETF Solutions | 4 | 1(CUMB) | 1 | \$279,992,501 |
| WBI | 12 | | | \$66,309,828 |
| WisdomTree | 59 | | | \$12,825,207,380 |

U.S. ETF CONSOLIDATED VOLUMES



- During the month of January, U.S. ETF CADV was 1.39 billion and daily notional value was \$2.63 billion
- By the end of January, U.S. ETF share and notional volume represented 20.51% and 27.10%, respectively of all CTA issues

U.S. ETF MARKET SHARE BY TRADING VENUE



- In January 2017, NYSE Arca led all exchanges with an ETF trading market share of 22.30%
- ETF trades occurring off-exchange in January 2017 represented 40.60%

CONTACT US

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