



NEW YORK STOCK EXCHANGE

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

APRIL 2017

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

HIGHLIGHTS FROM APRIL 2017

- In April, **5 new ETFs**¹ listed on NYSE Arca
 - At the end of April, **1,514 ETFs** were listed on NYSE Arca
- US ETP notional volume represented **27.49%** of all CTA issues in April 2017
- US ETP daily average turnover was approximately **\$72.01** billion in April 2017
- NYSE Arca was at the NBBO **92.66%** of the time, leading all US exchanges
- NYSE Arca had **23.10 %** 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) April

| 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 | 1,618,614,321 | \$381,357,458,320 | 85,190,227 | \$20,071,445,175 |
| IWM | iShares Russell 2000 ETF | ETF | 613,474,465 | \$84,018,014,114 | 32,288,130 | \$4,422,000,743 |
| AMZN | Amazon.Com Inc | Stock | 75,369,125 | \$68,366,856,292 | 3,966,796 | \$3,598,255,594 |
| AAPL | Apple Inc. | Stock | 388,514,110 | \$55,568,939,959 | 20,448,111 | \$2,924,681,050 |
| QQQ | PowerShares QQQ Trust, Series 1 | ETF | 391,809,494 | \$52,021,034,654 | 20,621,552 | \$2,737,949,192 |
| BAC | Bank of America Corporation | Stock | 1,856,657,580 | \$43,100,511,995 | 97,718,820 | \$2,268,448,000 |
| FB | Facebook, Inc. Class A | Stock | 284,377,239 | \$40,787,865,186 | 14,967,223 | \$2,146,729,747 |
| EEM | iShares MSCI Emerging Markets ETF | ETF | 990,936,111 | \$39,155,298,476 | 52,154,532 | \$2,060,805,183 |
| XLF | Financial Select Sector SPDR Fund | ETF | 1,630,610,890 | \$38,268,096,167 | 85,821,626 | \$2,014,110,325 |
| TSLA | Tesla, Inc. Common Stock | Stock | 118,459,460 | \$35,940,435,633 | 6,234,708 | \$1,891,601,875 |

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

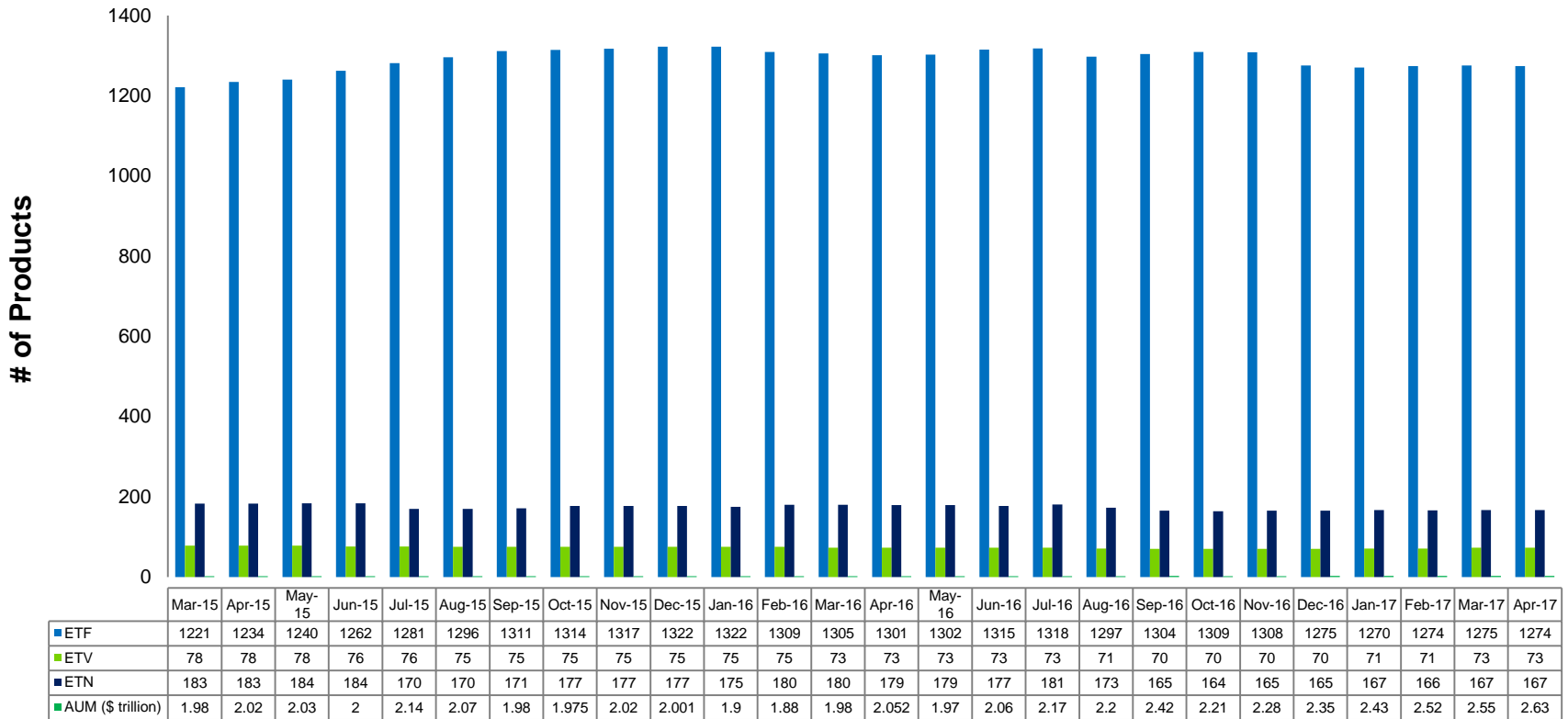
| | | | | | | |
|-----|------------------------------------|-----|---------------|-------------------|------------|------------------|
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| GDX | VanEck Vectors Gold Miners ETF | ETF | 1,428,012,691 | \$33,417,961,201 | 75,158,563 | \$1,758,840,063 |
| EFA | iShares MSCI EAFE ETF | ETF | 442,498,129 | \$27,607,293,192 | 23,289,375 | \$1,453,015,431 |
| GLD | SPDR Gold Trust, SPDR Gold Shares | ETV | 189,219,513 | \$22,900,703,464 | 9,958,922 | \$1,205,300,182 |
| XLE | Energy Select Sector SPDR Fund | ETF | 297,877,347 | \$20,654,985,482 | 15,677,755 | \$1,087,104,499 |
| TLT | iShares 20+ Year Treasury Bond ETF | ETF | 167,314,677 | \$20,482,586,044 | 8,806,036 | \$1,078,030,844 |

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

New ETPs Launched on NYSE Arca in April

| Symbol | Listing Date | Name | Product Type | Consolidated Trading Volume | Consolidated Turnover Volume (\$) | Average Daily Trading Volume | Average Daily Turnover Volume (\$) |
|--------|--------------|--|--------------|-----------------------------|-----------------------------------|------------------------------|------------------------------------|
| TETF | 4/20/2017 | ETF Industry Exposure & Financial Services ETF | ETF | 103,854 | \$1,589,664 | 14,836 | \$227,095 |
| ICAN | 4/13/2017 | SerenityShares Impact ETF | ETF | 89,622 | \$2,239,493 | 8,147 | \$203,590 |
| TERM | 4/11/2017 | EquityCompass Tactical Risk Manager ETF | ETF | 161,732 | \$3,245,805 | 12,441 | \$249,677 |
| ERM | 4/11/2017 | EquityCompass Risk Manager ETF | ETF | 89,438 | \$1,787,334 | 6,880 | \$137,487 |
| NUSA | 4/3/2017 | NuShares Enhanced Yield 1-5 Year U.S. Aggregate Bond ETF | ETF | 1,718,625 | \$43,080,176 | 85,931 | \$2,154,009 |

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



- As of April, 2,007 ETFs were listed in the U.S., 1,514 of which were listed on NYSE Arca
- NYSE Arca listed ETFs have a total AUM of approximately \$2.63 trillion

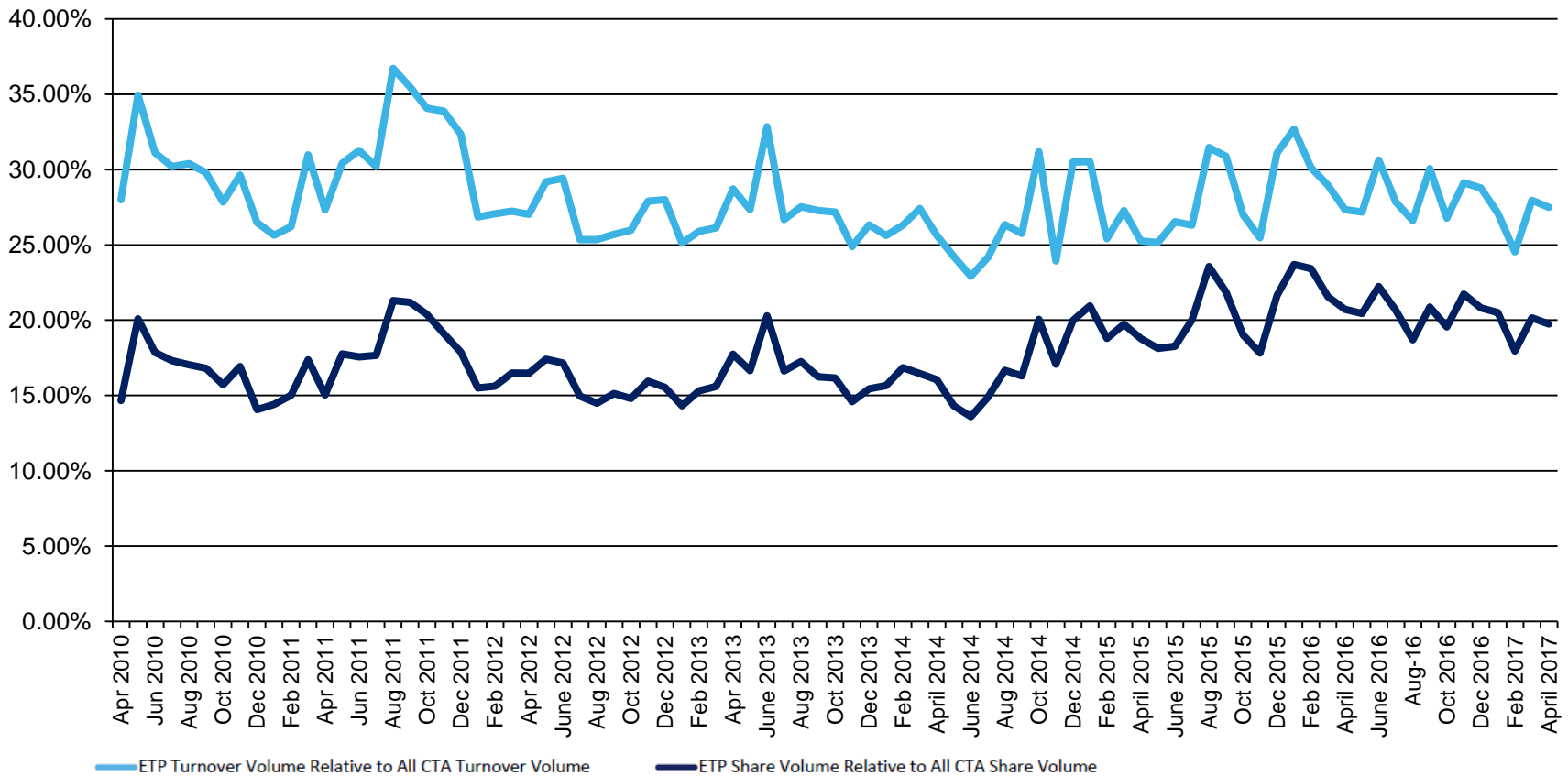
NYSE ARCA ETFs (BY ISSUER)

| Issuer | # of ETFs | New in April | New YTD | Turnover |
|--------------------------------|-----------|--------------|---------|-------------------|
| Academy Funds | 1 | | | \$4,378,327 |
| AdvisorShares | 20 | | | \$143,278,954 |
| AlphaClone | 2 | | | \$3,187,170 |
| ALPS | 18 | | | \$2,374,163,419 |
| ARK | 4 | | | \$31,443,511 |
| ArrowShares | 2 | | | \$51,207,982 |
| Barclays | 72 | | 1 | \$20,728,541,685 |
| Cambria | 3 | | | \$43,772,372 |
| Charles Schwab | 21 | | | \$8,055,544,537 |
| Citigroup | 3 | | | \$946,499 |
| Columbia Management | 14 | | | \$116,597,090 |
| Credit Suisse | 10 | | | \$54,945,471 |
| CSOP | 3 | | | \$963,308 |
| Deutsche Bank | 28 | | | \$2,405,639,456 |
| db X-trackers | 18 | | | \$3,256,102,490 |
| Diamond Hill | 1 | | | \$3,911,375 |
| Direxion Shares | 80 | | 3 | \$50,141,365,878 |
| ETF Managers Group | 4 | | | \$8,404,366 |
| ETF Securities | 8 | | 3 | \$297,182,552 |
| Exchange Traded Concepts | 7 | 1(TETF) | 1 | \$225,356,506 |
| Fidelity | 20 | | | \$1,087,028,626 |
| FirstTrust | 36 | 2(TERM,ERM) | 2 | \$6,712,086,903 |
| FlexShares | 18 | | | \$872,129,951 |
| Franklin Templeton | 8 | | 1 | \$30,056,296 |
| Global X | 40 | | | \$869,371,136 |
| Goldman Sachs | 2 | | | \$411,072 |
| Goldman Sachs Asset Management | 7 | | | \$472,590,457 |
| Guggenheim | 76 | | | \$6,247,522,841 |
| Hartford Funds | 7 | | 2 | \$22,830,818 |
| Horizons | 2 | | | \$4,822,040 |
| IndexIQ | 20 | | 1 | \$344,684,794 |
| Inspire Investing | 2 | | 2 | \$9,090,715 |
| Invesco PowerShares | 88 | | 1 | \$62,057,027,945 |
| iShares | 259 | | 1 | \$412,483,384,964 |
| Janus | 3 | | | \$41,430,475 |

NYSE ARCA ETFs (BY ISSUER)

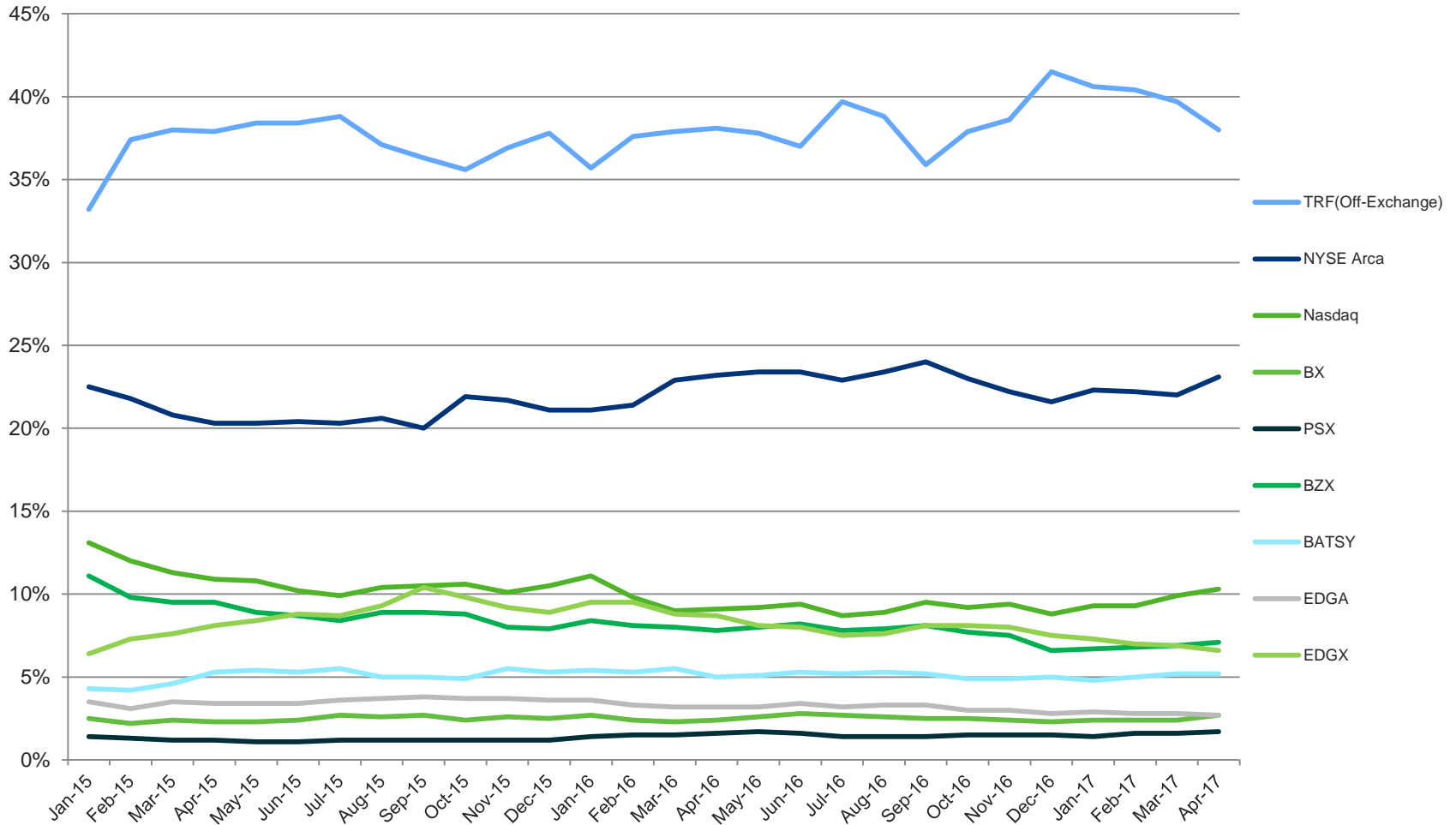
| Issuer | # of ETFs | New in April | New YTD | Turnover |
|-----------------------------------|-----------|--------------|---------|-------------------|
| John Hancock | 12 | | | \$47,553,381 |
| JPMorgan Chase & Co. | 1 | | | \$635,436,886 |
| JP Morgan ETFs | 10 | | | \$169,623,986 |
| Krane Shares | 3 | | | \$132,627,403 |
| LocalShares | 1 | | | \$67,007 |
| Merk | 1 | | | \$8,636,065 |
| Morgan Stanley | 5 | | | \$6,760,687 |
| Natixis | 1 | | | \$731,463 |
| Nuveen | 2 | 1(NUSA) | 1 | \$47,649,028 |
| Oppenheimer | 7 | | | \$227,415,621 |
| O'Shares | 7 | | 1 | \$69,210,755 |
| PIMCO | 12 | | | \$2,936,466,341 |
| Principal | 1 | | | \$4,683,662 |
| ProShares | 122 | | 2 | \$55,930,050,235 |
| PureFunds | 6 | | | \$196,171,020 |
| QuantShares | 5 | | | \$1,424,779 |
| RealityShares | 1 | | | \$11,497,825 |
| Reaves | 1 | | | \$742,711 |
| Renaissance Capital | 2 | | | \$1,417,084 |
| RexShares | 2 | | | \$19,746,508 |
| SerenityShares | 1 | 1(ICAN) | 1 | |
| SPDR ETFs | 147 | | 1 | \$610,111,322,523 |
| Sprott Asset Management | 6 | | | \$228,893,256 |
| Strategy Shares | 2 | | | \$2,377,239 |
| Swedish Export Credit (SEK) | 7 | | | \$29,726,094 |
| Teucrium | 5 | | | \$51,331,225 |
| Tortoise | 1 | | | \$4,776,012 |
| UBS | 41 | | 2 | \$641,140,920 |
| United States Commodity Funds LLC | 13 | | | \$6,623,685,603 |
| U.S. Global Investors | 1 | | | \$18,517,016 |
| VanEck Vectors | 54 | | 1 | \$64,612,673,543 |
| Vanguard | 49 | | | \$78,514,662,222 |
| VelocityShares | 7 | | | \$32,831,251,921 |
| Virtus ETF Solutions | 5 | | 2 | \$172,526,829 |
| WBI | 12 | | | \$67,997,118 |
| WisdomTree | 54 | | 1 | \$9,250,151,410 |

U.S. ETF CONSOLIDATED VOLUMES



- During the month of April, U.S. ETF CADV was 1.30 billion and daily notional value was \$72.01 billion
- By the end of April, U.S. ETF share and notional volume represented 19.75% and 27.49%, respectively of all CTA issues

U.S. ETF MARKET SHARE BY TRADING VENUE



- In April 2017, NYSE Arca led all exchanges with an ETF trading market share of 23.10%
- ETF trades occurring off-exchange in April represented 38%

CONTACT US

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