

| Sector (GICS)              | Asset class | Ticker | Name   | Industry (GICS)                              | Benchmark Index                                | Average records |
|----------------------------|-------------|--------|--|--|--|-----------------|
| Energy                     | Equity      | SLB    | Schlumberger Ltd                               | Energy Equipment & Services                  | None   | 41,659,809      |
|                            | Equity      | XOM    | Exxon Mobil Corporation                        | Oil, Gas & Consumable Fuels                  | None   | 31,764,056      |
|                            | Equity      | EOG    | EOG Resources, Inc.                            | Oil, Gas & Consumable Fuels                  | None   | 29,941,239      |
|                            | Equity/ETF  | XLE    | Energy Select Sector SPDR Fund                 | None   | S&P Energy Select Sector Index                 | 42,901,922      |
| Materials                  | Equity      | DD     | E. I. du Pont de Nemours and Co                | Chemicals                                    | None   | 16,301,850      |
|                            | Equity      | DOW    | Dow Chemical Company                           | Chemicals                                    | None   | 16,238,706      |
|                            | Equity      | CF     | CF Industries Holdings, Inc.                   | Chemicals                                    | None   | 15,494,562      |
|                            | Equity/ETF  | GDX    | Market Vectors Gold Miners ETF                 | None   | NYSE Arca Gold Miners Index                    | 13,527,517      |
| Industrials                | Equity      | AAL    | American Airlines Group Inc.                   | Airlines                                     | None   | 31,525,836      |
|                            | Equity      | UAL    | United Continental Holdings, Inc.              | Airlines                                     | None   | 29,193,107      |
|                            | Equity      | CAT    | Caterpillar Inc.                               | Machinery                                    | None   | 28,459,135      |
|                            | Equity/ETF  | DIA    | Market Vectors Gold Miners ETF                 | None   | NYSE Arca Gold Miners Index                    | 76,716,528      |
| Consumer Discretionary     | Equity      | NFLX   | Netflix, Inc.                                  | Internet & Direct Marketing Retail           | None   | 162,216,253     |
|                            | Equity      | PCLN   | Priceline Group Inc.                           | Internet & Direct Marketing Retail           | None   | 148,892,976     |
|                            | Equity      | AMZN   | Amazon.com, Inc.                               | Internet & Direct Marketing Retail           | None   | 101,380,130     |
|                            | Equity/ETF  | XLY    | Consumer Discretionary Select Sector SPDR Fund | None   | S&P Consumer Discretionary Select Sector Index | 13,672,321      |
| Consumer Staples           | Equity      | GMCR   | Keurig Green Mountain Inc.                     | Food, Beverage & Tobacco                     | None   | 24,557,930      |
|                            | Equity      | PG     | Procter & Gamble Company                       | Household Products                           | None   | 22,194,052      |
|                            | Equity      | WMT    | Wal-Mart Stores, Inc.                          | Food & Staples Retailing                     | None   | 20,171,655      |
|                            | Equity/ETF  | XLP    | Consumer Staples Select Sector SPDR Fund       | None   | S&P Consumer Staples Select Sector Index       | 5,517,801       |
| Health Care                | Equity      | GILD   | Gilead Sciences, Inc.                          | Biotechnology                                | None   | 29,564,276      |
|                            | Equity      | REGN   | Regeneron Pharmaceuticals, Inc.                | Biotechnology                                | None   | 29,204,332      |
|                            | Equity      | CELG   | Celgene Corporation                            | Biotechnology                                | None   | 26,413,751      |
|                            | Equity/ETF  | IBB    | iShares Nasdaq Biotechnology ETF               | None   | NASDAQ Biotechnology Index                     | 15,668,374      |
| Financials                 | Equity      | JPM    | JPMorgan Chase & Co.                           | Banks  | None   | 32,209,032      |
|                            | Equity      | C      | Citigroup Inc.                                 | Banks  | None   | 30,164,324      |
|                            | Equity      | BAC    | Bank of America Corporation                    | Banks  | None   | 24,726,836      |
|                            | Equity/ETF  | SPY    | SPDR S&P 500 ETF                               | None   | S&P 500 Index                                  | 520,689,872     |
| Information Technology     | Equity      | AAPL   | Apple Inc.                                     | Technology Hardware, Storage & Peripherals   | None   | 226,935,960     |
|                            | Equity      | FB     | Facebook Inc.                                  | Internet Software & Services                 | None   | 133,854,399     |
|                            | Equity      | GOOGL  | Alphabet Inc.                                  | Internet Software & Services                 | None   | 76,206,127      |
|                            | Equity/ETF  | XLK    | Technology Select Sector SPDR Fund             | None   | S&P Technology Select Sector Index             | 6,963,341       |
| Telecommunication Services | Equity      | VZ     | Verizon Communications Inc. & Co.              | Diversified Telecommunication Services       | None   | 16,966,549      |
|                            | Equity      | T      | AT&T Inc.                                      | Diversified Telecommunication Services       | None   | 14,622,558      |
|                            | Equity      | TMUS   | T-Mobile US, Inc.                              | Wireless Telecommunication Services          | None   | 3,618,531       |
|                            | Equity/ETF  | IYZ    | iShares US Telecommunications ETF              | None   | Dow Jones U.S. Select Telecommunications Index | 49,677          |
| Utilities                  | Equity      | SO     | Southern Company                               | Electric Utilities                           | None   | 2,213,670       |
|                            | Equity      | EXC    | Exelon Corporation                             | Electric Utilities                           | None   | 2,071,096       |
|                            | Equity      | DUK    | Duke Energy Corporation                        | Electric Utilities                           | None   | 1,880,464       |
|                            | Equity/ETF  | XLU    | Utilities Select Sector SPDR Fund              | None   | S&P Utilities Select Sector Index              | 10,149,562      |
| Real Estate                | Equity      | AMT    | American Tower Corporation                     | Equity Real Estate Investment Trusts (REITs) | None   | 3,186,942       |
|                            | Equity      | SPG    | Simon Property Group, Inc.                     | Equity Real Estate Investment Trusts (REITs) | None   | 2,423,846       |
|                            | Equity      | WY     | Weyerhaeuser Co.                               | Equity Real Estate Investment Trusts (REITs) | None   | 1,579,319       |
|                            | Equity/ETF  | DRN    | Direxion Daily MSCI Real Est Bull 3X ETF       | None   | MSCI US REIT Index                             | 1,253,319       |

Table 1: Most traded underlying assets in the OPRA database (aggregation by UNDER\_SEC\_SYM); classification by GICS; all months

| Objective               | Ticker | ETP Type | Name   | Benchmark Index                       | Average records |
|-------------------------|--------|----------|--|---------------------------------------|-----------------|
| Alternative Investments | VXX    | ETN      | iPath S&P 500 VIX Short-Term Futures ETN               | S&P 500 VIX Short-Term Futures Index  | 97,596,922      |
| Asia                    | ASHR   | ETF      | Deutsche X-trackers Harvest CSI 300 China A-Shares ETF | CSI 300 Index                         | 1,467,296       |
| Fixed Income            | TTT    | ETF      | ProShares UltraPro Short 20+ Year Trs                  | ICE U.S. Treasury 20+ Year Bond Index | 168,901         |
| Currency                | EUO    | ETF      | ProShares UltraShort Euro                              | EUR/USD exchange rate                 | 774,408         |
| Emerging Markets        | BZQ    | ETF      | ProShares UltraShort MSCI Brazil Capped                | MSCI Brazil 25/50 Index               | 1,080,226       |
| Europe                  | EPV    | ETF      | ProShares UltraShort FTSE Europe                       | FTSE Developed Europe Index           | 498,954         |
| Large-Cap               | UPRO   | ETF      | ProShares UltraPro S&P500                              | S&P 500 Index                         | 10,469,367      |
| Mixed Asset             | UVXY   | ETF      | ProShares Ultra VIX Short-Term Futures                 | S&P 500 VIX Short-Term Futures Index  | 57,785,059      |

Table 2: Most traded underlying ETPs in the OPRA database (aggregation by UNDER\_SEC\_SYM) by trading objectives