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Open Source Fundamental Industry Classification

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Abstract: We provide complete source code for building a fundamental industry classification based on publicly available and freely downloadable data. We compare various fundamental industry classifications by running a horserace of short-horizon trading signals (alphas) utilizing open source heterotic risk models (https://ssrn.com/abstract=2600798) built using such industry classifications. Our source code includes various stand-alone and portable modules, e.g., for downloading/parsing web data, etc.

Keywords: industry classification; fundamental; open source; source code; stocks; hierarchy; GICS; BICS; ICB; NAICS; SIC; TRBC; quantitative trading; trading signal; alpha; risk model; mean-reversion; optimization; short-horizon; backtest; simulation; download

1. Introduction

Fundamental industry classifications such as GICS, BICS, ICB, NAICS, SIC, TRBC, etc. (GICS = Global Industry Classification Standard (by MSCI and Standard & Poor's); BICS = Bloomberg Industry Classification System; ICB = Industry Classification Benchmark (by London Stock Exchange FTSE); NAICS = North American Industry Classification System (by Mexico's Instituto Nacional de Estadística y Geografía, Statistics Canada also known as Statistique Canada, and the United States Office of Management and Budget); SIC = Standard Industrial Classification (by the United States government agencies); TRBC = Thomson Reuters Business Classification.) are widely used in a variety of fields, including economic applications (for economics, financial economics and accounting related literature, see, e.g.,[1–23]; for a recent review, see, e.g., [24]; for other applications and more generally related literature, see, e.g., [25–35]), general population and healthcare related studies (see, e.g., [36] and references therein), and (quantitative) finance/trading (including risk modeling) (for related literature, see, e.g., [37–59]; for applications to risk modeling within quantitative finance, see, e.g., [60–62]; for statistical/data mining related methods, see, e.g., [63–69]). Industry classification (i.e., taxonomy) groups companies into baskets (e.g., industries) based on some kind of a similarity criterion or criteria, which differ from one classification to another. Such fundamental industry classifications generally are expected to be based on pertinent fundamental/economic data, such as companies' products and services, revenue sources, suppliers, competitors, partners, etc. They are essentially independent of the pricing data and, if well-built, tend to be rather stable out-of-sample as companies seldom jump industries.

Many industry classifications are developed commercially and acquiring such data is associated with nontrivial costs. Even government-developed classifications such as NAICS or even SIC (see below) are not exactly free. This is for two main reasons. First, simply specifying a hierarchical structure (e.g., a complete list of, say, sectors, industries and sub-industries as in BICS) is only the tip of the iceberg; many (qualified) man-hours are required to assign to the actual companies the nomenclature within such structure (i.e., which sector, industry and sub-industry each company belongs to, using the BICS terminology). Second, the resultant data is not necessarily provided (by government agencies) as a simple one-click/single-file download.

In this paper, among other things, we fill a gap in this space. We provide open source code for freely downloading SIC data directly from the U.S. Securities and Exchange Commission (SEC) without any APIs, accounts, logins, passwords, etc. Furthermore, since this data is provided by the U.S. government, its downloads by the public are completely unrestricted.

The data provided by the SEC, among other things, contains company names and SIC codes. SIC codes are 4-digit numeric identifiers corresponding to the SIC hierarchy (Division → Major Group → Industry Group → Industry). As we discuss below, there is an efficient and fast way for downloading all companies with SIC codes. However, the SEC does not maintain accurate ticker data. (There is a way to search for companies by tickers on the SEC website. However, many tickers are missing.) So, the data downloaded from the SEC website must be matched to tickers. At the end, our code matches tickers to SIC codes. (We discuss how to source all listed and OTC (over-the-counter) U.S. tickers.) There are various nuances in the underlying SEC data, such as peculiarities with the SIC codes used by the SEC, which we also discuss in detail.

SIC is not the best classification around. Furthermore, contrary to an apparent misconception, this is not because SIC is not "granular" (or detailed) enough. On the face of it, it is more granular than BICS. However, as mentioned above, the hierarchical structure itself is only the tip of the iceberg. What is arguably even more important is the assignment of companies into such hierarchy. In the case of SIC, apparently this assignment does not necessarily always follow the aforesaid criteria based on companies' products and services, revenue sources, suppliers, competitors, partners, etc. Instead, it appears that, at least in some cases, such assignments are made on more superficial grounds (this could, e.g., be the companies' own assessment, etc.).

However, SIC is not a "disaster" by any stretch. It is widely used by academics (see, e.g., [70,71]), and perhaps to a lesser extent by quant traders (who usually prefer more robust industry classifications such as GICS and BICS), but still used. For a (young, but not only) researcher who wishes to test, e.g., some trading ideas involving industry classification but does not wish to commit to costly commercial data subscriptions, SIC can be a good zeroth-order approximation, so long it is free and easily obtained. (SIC data is available through various data providers; however, most are not free, and not all have access to them.) Our code provides such a solution.

We quantify a comparison between different industry classifications by utilizing them for building short-horizon mean-reversion trading signals (alphas) via (open source) heterotic risk models [61]. We find that GICS slightly outperforms BICS, and SIC performs worse, including when restricted to the so-called Fama–French industry classification [49].

The remainder is organized as follows. Section 2 discusses data (downloads). Section 3 discusses backtests. Section 4 briefly concludes. Data and source code are in Appendices.

2. Data (Downloads)

2.1. SIC Hierarchical Structure

SIC structure has four levels: Division → Major Group → Industry Group → Industry. This structure can be downloaded from the website https://www.osha.gov/pls/imis/sic_manual.html of the Occupational Safety and Health Administration (OSHA) of the U.S. Department of Labor using the R function `sec.osha()` in Appendix C. (The source code in Appendix C hereof is not written to be "fancy" or optimized for speed or in any other way. Its sole purpose is to illustrate the algorithms described and/or discussion in the main text in a simple-to-understand fashion. See Appendix D for

some important legalese.) This function outputs a single tab-delimited file `SIC.table.txt`, which contains the SIC hierarchy given in Appendix A. More precisely, in Appendix A, for reading convenience, the data is separated by " > ". Also, Appendix A contains lines (in bold italic font), which are not present in `SIC.table.txt` and pertain to additional SIC codes present in the SEC data, which we will discuss in detail below.

The 10 SIC Divisions are labeled by characters A through J. The Major Groups are labeled by 2-digit numeric codes XY, where both X and Y can take values 0 through 9. It is convenient to label Major Groups by 4-digit codes XY00. The Industry Groups are labeled by 3-digit numeric codes XYZ. Unlike X and Y, Z can only take values between 1 and 9. Again, it is convenient to label Industry Groups by 4-digit codes XYZ0. Thus, Industry Group XYZ0 belongs to Major Group XY00. Finally, Industries are labeled by 4-digit codes XYZW, where W also takes values between 1 and 9. Industry XYZW belongs to Industry Group XYZ0. This is the SIC hierarchical structure.

2.2. SEC Data Download

The SEC website allows data to be searched for based on a company name, CIK number (according to the SEC, https://www.sec.gov/edgar/searchedgar/cik.htm: "The Central Index Key (CIK) is used on the SEC's computer systems to identify corporations and individual people who have filed disclosure with the SEC."), ticker (albeit, as mentioned above, ticker search is unreliable), etc. (There are some nuances, e.g., an automated search by name via scanning through all single and double ASCII and non-ASCII characters captures most filers/companies. However, due to a constraint on the number of pages that can be scanned and inefficiencies in the data ordering, this gets complicated relatively quickly. *Así es la vida.*) Happily, we can also search by SIC codes. There are two approaches we can take here. A priori, we do not know what SIC codes to expect in the data. So, we can scan all sic codes 0100 through 9999. Once we have all SIC codes used by the SEC, we can limit the downloads to these predefined SIC codes to reduce the download time. As a precautionary measure, periodically we may wish to run full scans to check whether new SIC codes crop up in the data. The `sec.all.sic()` R function in Appendix C downloads the data. For its first argument `run.all.sic = T`, it downloads all sic codes 0100 through 9999, whereas for `run.all.sic = F` the download is limited to the SIC codes in a tab-delimited input file `SIC.Codes.txt`, which contains the SIC codes currently used by the SEC along with the corresponding Industry names. (If a SIC code is of the form XYZ0, then the Industry name is the same as the corresponding Industry Group name. If a SIC code is of the form XY00, then the Industry name is the same as the corresponding Major Group name.) Appendix B contains this file. Here, some remarks are in order. Thus, some of the actual Industry names in the downloaded data (column 4 of the output file `SIC.Download.txt` —see below) are (immaterially) different or bad (e.g., some well-defined SIC codes in the SEC data download are erroneously marked as "unknown", etc.). Therefore, the Industry names in `SIC.Codes.txt` (Appendix B) are based on the table (which is missing the SIC codes 0888, 1044, 6025, 6120) provided at https://www.sec.gov/info/edgar/siccodes.htm combined with those in `SIC.table.txt` (Appendix A) downloaded from OSHA (see above).

The `sec.all.sic()` function outputs a tab-delimited file `SIC.Download.txt`. The first column is the CIK number, the second column is the company name, the third column is the SIC code, the fourth column is the Industry name as it appears in the SEC data (which, as mentioned above, is not necessarily the same as the corresponding Industry name in the file `SIC.Codes.txt`), and the fifth column is the location (U.S. State, Canadian province, foreign county, etc.) code (e.g., for Microsoft Corporation, we have the following data: CIK = 0000789019, company name = MICROSOFT CORP., SIC code = 7372, Industry name = SERVICES-PREPACKAGED SOFTWARE, location code = WA). The page https://www.sec.gov/edgar/searchedgar/edgarstatecodes.htm contains most location codes. The data also contains legacy location codes (to wit, E6, L4, I8, I9, E7, U2, L5 and LO ["L-O" as opposed to L0 = "L-zero"]). These old codes are all described at https://www.sec.gov/edgar/searchedgar/edgarstatecodes.htm. One additional code present in the data is X9. Only two companies have this code, and these appear to be German entities. (To wit, CYBERMIND AG (CIK = 0001135128) and KPMG DEUTSCHE TREUHAND GESELLSCHAFT AG

(CIK = 0001184474). These companies do not have SIC codes, but some companies with the legacy location codes do.)

As mentioned above, some entries in Appendix A (in bold italic font) are not included in the OSHA download `SIC.table.txt`. These correspond to the additional SIC codes present in the SEC data. Appendix A is obtained by amending `SIC.table.txt` with these additional codes. Most of them fit nicely into the SIC hierarchical structure. A couple of potential hiccups are: 1) SIC code = 6025, with only a single company, PNB BANCSHARES INC (CIK = 0001230585); and 2) SIC code = 9995. (Also, see https://www.sec.gov/fast-answers/answers-blankcheckhtm.html for "Blank Checks" (SIC code = 6770).) Three SIC codes 0888, 8880 and 8888 do not fit in the 4-digit hierarchy described above, so we appended them at the end of Appendix A. All lines with non-OSHA SIC codes in Appendix A (i.e., those in bold italic font) end with *our* descriptor "(SEC)". Overall, the SEC data is reasonably "clean" barring the aforesaid manually-to-deal-with glitches.

2.3. Matching to Tickers

In practical quantitative finance/trading applications, assignment of SIC codes to company names is only partially useful as most (e.g., pricing) data is labeled by tickers. So, we need to match our data in the file `SIC.Download.txt` to tickers. This is done in the R function `sec.sic()` in Appendix C. Its sole argument is `incl.otc`, which is the second argument of the function `sec.all.sic()` (see above). For `incl.otc = F`, only listed U.S. tickers are matched, and for `incl.otc = T` the over-the-counter (OTC) tickers are also included. The input files of `sec.sic()` are: (i) `NQ_AMEX.csv`, `NQ_NYSE.csv`, `NQ_NASDAQ.csv` (these files can be downloaded daily from www.nasdaq.com via, e.g., the `wget` utility—see Appendix C.1); `NT_otherlisted.txt`, `NT_nasdaqlisted.txt` (these files can be downloaded daily from www.nasdaqtrader.com via, e.g., the `wget` utility—see Appendix C.1); and (ii) if we wish to include OTCs, i.e., `if incl.otc = T`, then also the file `otctickers.csv` (this file can be manually downloaded daily from http://www.otcmarkets.com/reports/symbol_info.csv). Note that the source code is straightforward to modify to accommodate other sources of ticker lists.

The `function sec.sic()` matches tickers in the above files to SIC codes by matching the company names in the SEC data to those in the ticker lists. It goes without saying that there are cases where a match is not reasonably attainable. There are two main categories here. First, the SEC data simply may not have a SIC code assigned to a given company, or the company name used by the SEC may be different from that in the ticker lists, hence no match (e.g., ETRADE v. E*TRADE). Second, there may be more than one match (after stripping the company names of various extraneous attributes that muddy the waters, e.g., CORPORATION v. CORP). The statistics for the occurrences are given in Table 1, which also provides the number of total tickers, and how many of the tickers without the SIC code correspond to funds, trusts, ETFs and similar as-is difficult-to-classify vehicles, which the code attempts to detect using a heuristic. (Which may be improved by using the ETF field in `NT_otherlisted.txt` and `NT_nasdaqlisted.txt`.) Overall, the ticker matching (especially if we exclude funds, etc.) yields a reasonable coverage.

Table 1. Ticker matching statistics for runs on 12 April 2017 (see Section 2.3 for details).

Run/Ticker #	Total	w/SIC	w/o SIC	No Match	Multiple Matches	Funds, etc.
Listed only	6040	4759	1281	1209	72	889
Listed + OTC	15,640	9592	6048	5927	121	1067

The function `sec.sic()` outputs three files. The file `TICKER.SIC.txt` contains the tickers for which SIC codes are matched: first column = ticker; second column = exchange (A = AMEX, N = NYSE, Q = NASDAQ, the others relate to OTCs); third column = SIC code; fourth column = Industry name (as it appears in the SEC data—see above); fifth column = market cap (for listed tickers only as provided in the aforesaid three www.nasdaq.com files). The file `NO.SIC.txt` contains the tickers for which SIC codes are not matched: first column = ticker; second column = exchange (see above); third column = market cap (see above); fourth column = TRUE (FALSE) if the ticker is (not) a fund,

etc.; fifth column = TRUE (FALSE) if there is no match (multiple matches). The last file `SIC.IND.CLASS.txt` contains a binary industry classification.

2.4. Some Stats

The function `sec.all.sic()` at the end calls the function `sec.sic()`. Before doing so, it outputs a log file, which records the start and end times for measuring the time required for downloading the SEC data. Such measurements are reported in Table 2. Downloading all SIC codes 0100–9999 takes about 30 min, while downloading the SIC codes restricted to the `SIC.Codes.txt` file takes about 5 min. Ticker matching is fast (on a quad core, 3.1 GHz CPU machine). Finally, let us mention some statistics for the binary industry classification file `SIC.IND.CLASS.txt`. On 14 April 2017, for 4734 tickers with SIC codes, there were 392 Industries with the following ticker counts: Min = 1, 1st Quartile = 2, Median = 5, Mean = 12.08, 3rd Quartile = 10, Max = 376, i.e., there are many small (with one or two tickers) industries present.

Table 2. Download times for all 0100–9999 ("All SIC") and `SIC.Codes.txt` ("SEC SIC") codes.

Download	Start Time	End Time	Download Time (min:s)
All SIC	2017-04-08 17:08:50	2017-04-08 17:38:34	29:44
All SIC	2017-04-08 23:58:40	2017-04-09 00:27:46	29:06
All SIC	2017-04-09 23:09:37	2017-04-09 23:38:45	29:12
SEC SIC	2017-04-08 23:50:45	2017-04-08 23:56:37	5:52
SEC SIC	2017-04-09 15:55:30	2017-04-09 15:59:46	4:16
SEC SIC	2017-04-09 22:57:33	2017-04-09 23:01:54	4:21

3. Horserace (Backtests)

So, we can download the SEC data and build an industry classification based on SIC codes. How does this industry classification compare with others? A general comparison (granularity, etc.) was performed in [11] for GICS, NAICS and SIC. A comparison of how well industry classifications explain the co-movement of stock returns at long horizons was done in [43], which found that GICS—not surprisingly—does better than the Fama–French industry classification [49] with 48 "industries" (FF48), which is based on SIC. However, FF48 is not the same as SIC; it aggregates tickers with multiple SIC codes into these 48 "industries", i.e., FF48 is much less granular than GICS, BICS and SIC at their respective most granular levels.

Here, we compare GICS, BICS, SIC, FF48 and FF49 (which is another variation of FF48—see below) at short horizons. However, here, we take the comparison to another level—instead of looking at the co-movement of stock returns, we look at the performance of short-horizon mean-reversion trading signals (alphas) computed using otherwise identical risk models except for the industry classifications that these risk models use to define the industry risk factors. The risk models we use are the open source heterotic risk models of [61]. Heterotic risk models do not use any style factors, so our horserace compares the underlying industry classifications without muddling them up with other extraneous factors. To our knowledge, this is the first such comparison of industry classifications appearing in published literature. The remainder of this section closely follows most parts of Section 6 of [61]. (We "rehash" it here not to be repetitive but so that our presentation here is self-contained.)

In brief, heterotic risk models for equities combine: (i) granularity of an industry classification; (ii) diagonality of the principal component factor covariance matrix for any sub-universe of stocks; and (iii) dramatic reduction of the factor covariance matrix size in the Russian-doll risk model construction [72]. Thus, in the heterotic risk model construction, using (for the sake of definiteness) the BICS nomenclature, one breaks the universe of stocks into subsets based on BICS sub-industries, computes the first principal components of the return sample correlation matrices for these subsets, and uses these first principal components as weights for computing the corresponding factor returns. Typically, for short lookbacks, the factor return sample covariance matrix is singular. One

then further breaks the universe of these factors into subsets based on BICS industries, computes the first principal components of the return sample correlation matrices for these subsets, and uses these first principal components as weights for computing the corresponding factor returns. This nested embedding (the Russian-doll construction) is repeated (e.g., by going from BICS industries to BICS sectors to the "broad market" as defining fewer and fewer risk factors, as needed) until the number of the resultant factor returns is small enough such that the corresponding factor covariance matrix is nonsingular and sufficiently stable. This proves to be a powerful approach for constructing out-of-sample stable short-lookback equity risk models.

3.1. Notations

Let P_{is} be the time series of stock prices, where $i = 1, \dots, N$ labels the stocks, and $s = 1, 2, \dots$ labels the trading dates, with $s = 1$ corresponding to the most recent date in the time series. The superscripts O and C (unadjusted open and close prices) and AO and AC (open and close prices fully adjusted for splits and dividends) will distinguish the corresponding prices, so, e.g., P_{is}^C is the unadjusted close price. V_{is} is the unadjusted daily volume (in shares). Also, for each date s we define the overnight return as the previous-close-to-open return:

$$E_{is} = \ln\left(\frac{P_{is}^{AO}}{P_{i,s+1}^{AC}}\right) \tag{1}$$

This return will be used in the definition of the expected return in our mean-reversion alpha. We will also need the close-to-close return:

$$R_{is} = \ln\left(\frac{P_{is}^{AC}}{P_{i,s+1}^{AC}}\right) \tag{2}$$

An out-of-sample (see below) time series of these returns will be used in constructing the risk models. Note that all prices in the definitions of the returns E_{is} and R_{is} are fully adjusted.

We assume that (i) the portfolio is established at the open (this is a so-called "delay-0" alpha: the same price, P_{is}^O (or adjusted P_{is}^{AO}), is used in computing the expected return (via E_{is}) and as the establishing fill price), with fills at the open prices P_{is}^O; (ii) it is liquidated at the close on the same day—so this is a purely intraday alpha—with fills at the close prices P_{is}^C; and (iii) there are no transaction costs or slippage—our aim here is not to build a realistic trading strategy, but to test *relative* performance of various industry classifications. The P&L (profits and losses) for each stock

$$\Pi_{is} = H_{is}\left(\frac{P_{is}^C}{P_{is}^O} - 1\right) \tag{3}$$

Here, H_{is} are the *dollar* holdings. The shares bought and sold (establishing and liquidating trades) for each stock on each day are computed via $Q_{is} = 2\,|H_{is}|\,/\,P_{is}^O$.

3.2. Universe Selection

For the sake of simplicity (in practice, the trading universe is selected based on market cap, liquidity (ADDV), price and other criteria), we select our universe based on the average daily dollar volume (ADDV) defined via (note that A_{is} is out-of-sample for each date s):

$$A_{is} = \frac{1}{m}\sum_{r=1}^{m} V_{i,s+r}\,P_{i,s+r}^C \tag{4}$$

We take $m = 21$ (i.e., one month), and then take our universe to be the top 2000 tickers by ADDV. To ensure that we do not inadvertently introduce a universe selection bias, we rebalance monthly (every 21 trading days, to be precise), i.e., we break our 5-year backtest period (see below) into 21-day intervals, we compute the universe using ADDV (which, in turn, is computed based on the 21-day period immediately preceding such an interval), and use this universe during the entire such interval. We do have the survivorship bias as we take the data for the universe of tickers as of 6 September 2014 that have historical pricing data sourced from http://finance.yahoo.com (accessed on

6 September 2014) for the period 1 August 2008 through 5 September 2014. We restrict this universe to include only U.S. listed common stocks and class shares (no OTCs, preferred shares, etc.) with GICS (ZK would like to thank Jim Liew for sharing the GICS data on 8 September 2014), BICS and SIC industry assignments as of 8 September 2014. (The choice of the backtesting window is based on what data was readily available.) However, as discussed in detail in Section 7 of [53], the survivorship bias is not a leading effect in such backtests. (Furthermore, here we are after the *relative outperformance*, and it is reasonable to assume that, to the leading order, individual performances are affected by the survivorship bias approximately equally as the construction of all alphas and risk models (see below) is "statistical" and oblivious to the trading universe.)

3.3. Backtesting

We run our simulations over a period of 5 years (more precisely, 1260 trading days going back from 5 September 2014, inclusive). The annualized return-on-capital (ROC) is computed as the average daily P&L divided by the intraday investment level I (with no leverage) and multiplied by 252. The annualized Sharpe Ratio (SR) is computed as the daily Sharpe ratio multiplied by $\sqrt{252}$. Cents-per-share (CPS) is computed as the total P&L in cents (not dollars) divided by the total shares traded.

3.4. Optimized Alphas

The optimized alphas are based on the expected returns E_{is} defined in Equation (1) optimized via Sharpe ratio maximization using heterotic risk models [61] based on the industry classifications we are testing, which are GICS, BICS, SIC, FF48 (see [70] for the definition thereof) and FF49 (see [71] for the definition thereof). FF48 and FF49 have just one level by construction. GICS, BICS and SIC have multiple levels. We take these industry classifications at their respective most granular levels (which are called sub-industries for GICS and BICS, and industries for SIC—see above). We then run the R function `qrm.het()` in Appendix B of [61] with the following inputs: `ret` is the matrix of returns R_{is} defined in Equation (2); `ind` is the binary $N \times K$ industry classification matrix (each element equals 1 if the corresponding ticker belongs to the corresponding industry, and 0 otherwise—for SIC, this matrix is in the file `SIC.IND.CLASS.txt` that we discuss above); `mkt.fac = T` (this adds the "market" factor, so that effectively we have a 2-level industry classification and the risk factor covariance matrix is invertible—see [61] for details); and `rm.sing.tkr = F` (the default). As in [61], we compute the heterotic risk model covariance matrix Γ_{ij} every 21 trading days (same as for the universe). For each date (we omit the index s), we maximize the Sharpe ratio subject to the dollar neutrality constraint and position bounds (which in this case are the same as trading bounds because the strategy is purely intraday):

$$S = \frac{\sum_{i=1}^{N} H_i\, E_i}{\sqrt{\sum_{i,j=1}^{N} \Gamma_{ij}\, H_i\, H_j}} \to \max \tag{5}$$

$$\sum_{i=1}^{N} H_i = 0 \tag{6}$$

$$|H_{is}| \le 0.01\, A_{is} \tag{7}$$

$$\sum_{i=1}^{N} |H_{is}| = I \tag{8}$$

Here, A_{is} is ADDV defined in Equation (4). Equation (6) is the dollar neutrality constraint. Equation (7) imposes the aforesaid trading bounds. Equation (8) ensures that the portfolio has the investment level I. In the presence of bounds, computing H_i requires an iterative procedure and we use the R code in Appendix C of [61] (which also contains detailed documentation).

3.5. Simulation Results

Table 3 (also see Figure 1) summarizes the simulation results. (Note that the result for BICS sub-industries differs from that in [61] as the universes here and in [61] are different. In [61], the universe is based on BICS only. Here, we require GICS, BICS and SIC assignments.) GICS sub-industries slightly outperform BICS sub-industries, which outperform SIC industries. FF48 and FF49 underperform SIC industries—simply due to lesser granularity. For comparison purposes, in Table 3, we also include simulation results for BICS where we replace BICS sub-industries by BICS industries and BICS sectors. Generally, reducing granularity leads to underperformance in such backtests.

Table 3. Annualized Return on Capital (ROC), Annualized Sharpe Ratio (SR) and Cents-Per-Share (CPS) for backtests in Section 3 for heterotic risk models using the classifications in column 1. GICS = Global Industry Classification Standard; BICS = Bloomberg Industry Classification System; SIC = Standard Industrial Classification; FF48 (FF49) = Fama–French industry classification with 48 (49) SIC-based "industries" [49]. The mean-reversion alphas discussed in Section 3.4 are optimized using heterotic risk models, which in turn are built based on these industry classifications listed in column 1 of this table.

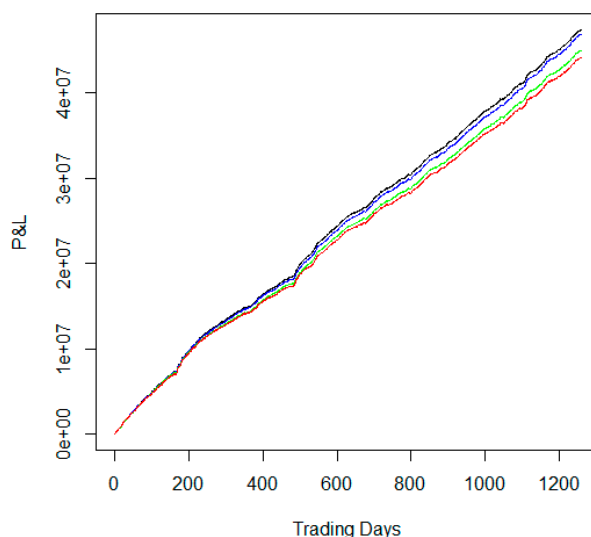| Classification	ROC	SR	CPS
BICS, sub-industries	46.96%	17.61	2.077
BICS, industries	46.05%	16.62	2.018
BICS, sectors	42.85%	14.55	1.868
GICS, sub-industries	47.43%	17.96	2.096
SIC, industries	45.05%	16.85	1.987
FF48	44.19%	15.94	1.929
FF49	44.33%	15.98	1.936

Figure 1. P&L graphs for the intraday alphas summarized in Table 3. Bottom-to-top-performing: (i) FF48; (ii) SIC industries; (iii) BICS sub-industries; (iv) GICS sub-industries. The investment level is $10 M long plus $10 M short. See Section 3 for details.

4. Conclusions

To our knowledge, the industry classification comparison at short-horizons that we present here—especially using actual trading signals (as opposed to co-movements of returns)—is the first of its kind in the published literature. GICS remains a safe choice. It is unfortunate that BICS is no

longer supported by Bloomberg. Also, SIC is not a "disaster" by any stretch and—now that we have provided open source code for it—can be used widely in, e.g., preliminary research.

Finally, let us comment that (well-built) industry classifications are intrinsically stable (with regards to temporal changes). This is primarily due to the fact that companies seldom jump industries (let alone less granular structures such as sectors). After all, fundamental industry classifications generally are expected to be based on pertinent fundamental/economic data, such as companies' products and services, revenue sources, suppliers, competitors, partners, etc. This simplifies things as they relate to out-of-sample backtesting. Thus, if one obtains an industry classification for a universe of stocks today and uses this industry classification for backtesting for the same universe of stocks for the past year (that is, accounting for any ticker changes, etc., that may have transpired in the interim), the backtest can still be deemed valid as the likelihood of stocks jumping industries during this period is small. This is not to say that the industry classification provider may not have retroactively changed, say, sub-industry assignments for a few tickers. However, this kind of "in-sampleness" can be present in virtually any third-party data unless it is literally collected by the end-user on each and every historical day.

Appendix A. SIC Hierarchical Structure

Code > Division > Major Group > Industry Group > Industry
0111 > Agriculture, Forestry, And Fishing > Agricultural Production Crops > Cash Grains > Wheat
0112 > Agriculture, Forestry, And Fishing > Agricultural Production Crops > Cash Grains > Rice
0115 > Agriculture, Forestry, And Fishing > Agricultural Production Crops > Cash Grains > Corn
0116 > Agriculture, Forestry, And Fishing > Agricultural Production Crops > Cash Grains > Soybeans
0119 > Agriculture, Forestry, And Fishing > Agricultural Production Crops > Cash Grains > Cash Grains, Not Elsewhere Classified
0131 > Agriculture, Forestry, And Fishing > Agricultural Production Crops > Field Crops, Except Cash Grains > Cotton
0132 > Agriculture, Forestry, And Fishing > Agricultural Production Crops > Field Crops, Except Cash Grains > Tobacco
0133 > Agriculture, Forestry, And Fishing > Agricultural Production Crops > Field Crops, Except Cash Grains > Sugarcane and Sugar Beets
0134 > Agriculture, Forestry, And Fishing > Agricultural Production Crops > Field Crops, Except Cash Grains > Irish Potatoes
0139 > Agriculture, Forestry, And Fishing > Agricultural Production Crops > Field Crops, Except Cash Grains > Field Crops, Except Cash Grains, Not Elsewhere Classified
0161 > Agriculture, Forestry, And Fishing > Agricultural Production Crops > Vegetables And Melons > Vegetables and Melons
0171 > Agriculture, Forestry, And Fishing > Agricultural Production Crops > Fruits And Tree Nuts > Berry Crops
0172 > Agriculture, Forestry, And Fishing > Agricultural Production Crops > Fruits And Tree Nuts > Grapes
0173 > Agriculture, Forestry, And Fishing > Agricultural Production Crops > Fruits And Tree Nuts > Tree Nuts
0174 > Agriculture, Forestry, And Fishing > Agricultural Production Crops > Fruits And Tree Nuts > Citrus Fruits
0175 > Agriculture, Forestry, And Fishing > Agricultural Production Crops > Fruits And Tree Nuts > Deciduous Tree Fruits
0179 > Agriculture, Forestry, And Fishing > Agricultural Production Crops > Fruits And Tree Nuts > Fruits and Tree Nuts, Not Elsewhere Classified
0181 > Agriculture, Forestry, And Fishing > Agricultural Production Crops > Horticultural Specialties > Ornamental Floriculture and Nursery Products
0182 > Agriculture, Forestry, And Fishing > Agricultural Production Crops > Horticultural Specialties > Food Crops Grown Under Cover
0191 > Agriculture, Forestry, And Fishing > Agricultural Production Crops > General Farms, Primarily Crop > General Farms, Primarily Crop
0211 > Agriculture, Forestry, And Fishing > Agriculture production livestock and animal specialties > Livestock, Except Dairy And Poultry > Beef Cattle Feedlots
0212 > Agriculture, Forestry, And Fishing > Agriculture production livestock and animal specialties > Livestock, Except Dairy And Poultry > Beef Cattle, Except Feedlots
0213 > Agriculture, Forestry, And Fishing > Agriculture production livestock and animal specialties > Livestock, Except Dairy And Poultry > Hogs
0214 > Agriculture, Forestry, And Fishing > Agriculture production livestock and animal specialties > Livestock, Except Dairy And Poultry > Sheep and Goats
0219 > Agriculture, Forestry, And Fishing > Agriculture production livestock and animal specialties > Livestock, Except Dairy And Poultry > General Livestock, Except Dairy and Poultry
0241 > Agriculture, Forestry, And Fishing > Agriculture production livestock and animal specialties > Dairy Farms > Dairy Farms
0251 > Agriculture, Forestry, And Fishing > Agriculture production livestock and animal specialties > Poultry And Eggs > Broiler, Fryer, and Roaster Chickens

0252 > Agriculture, Forestry, And Fishing > Agriculture production livestock and animal specialties > Poultry And Eggs > Chicken Eggs

0253 > Agriculture, Forestry, And Fishing > Agriculture production livestock and animal specialties > Poultry And Eggs > Turkeys and Turkey Eggs

0254 > Agriculture, Forestry, And Fishing > Agriculture production livestock and animal specialties > Poultry And Eggs > Poultry Hatcheries

0259 > Agriculture, Forestry, And Fishing > Agriculture production livestock and animal specialties > Poultry And Eggs > Poultry and Eggs, Not Elsewhere Classified

0271 > Agriculture, Forestry, And Fishing > Agriculture production livestock and animal specialties > Animal Specialties > Fur-Bearing Animals and Rabbits

0272 > Agriculture, Forestry, And Fishing > Agriculture production livestock and animal specialties > Animal Specialties > Horses and Other Equines

0273 > Agriculture, Forestry, And Fishing > Agriculture production livestock and animal specialties > Animal Specialties > Animal Aquaculture

0279 > Agriculture, Forestry, And Fishing > Agriculture production livestock and animal specialties > Animal Specialties > Animal Specialties, Not Elsewhere Classified

0291 > Agriculture, Forestry, And Fishing > Agriculture production livestock and animal specialties > General Farms, Primarily Livestock And Animal > General Farms, Primarily Livestock and Animal Specialties

0711 > Agriculture, Forestry, And Fishing > Agricultural Services > Soil Preparation Services > Soil Preparation Services

0721 > Agriculture, Forestry, And Fishing > Agricultural Services > Crop Services > Crop Planting, Cultivating, and Protecting

0722 > Agriculture, Forestry, And Fishing > Agricultural Services > Crop Services > Crop Harvesting, Primarily by Machine

0723 > Agriculture, Forestry, And Fishing > Agricultural Services > Crop Services > Crop Preparation Services for Market, Except Cotton Ginning

0724 > Agriculture, Forestry, And Fishing > Agricultural Services > Crop Services > Cotton Ginning

0741 > Agriculture, Forestry, And Fishing > Agricultural Services > Veterinary Services > Veterinary Services for Livestock

0742 > Agriculture, Forestry, And Fishing > Agricultural Services > Veterinary Services > Veterinary Services for Animal Specialties

0751 > Agriculture, Forestry, And Fishing > Agricultural Services > Animal Services, Except Veterinary > Livestock Services, Except Veterinary

0752 > Agriculture, Forestry, And Fishing > Agricultural Services > Animal Services, Except Veterinary > Animal Specialty Services, Except Veterinary

0761 > Agriculture, Forestry, And Fishing > Agricultural Services > Farm Labor And Management Services > Farm Labor Contractors and Crew Leaders

0762 > Agriculture, Forestry, And Fishing > Agricultural Services > Farm Labor And Management Services > Farm Management Services

0781 > Agriculture, Forestry, And Fishing > Agricultural Services > Landscape And Horticultural Services > Landscape Counseling and Planning

0782 > Agriculture, Forestry, And Fishing > Agricultural Services > Landscape And Horticultural Services > Lawn and Garden Services

0783 > Agriculture, Forestry, And Fishing > Agricultural Services > Landscape And Horticultural Services > Ornamental Shrub and Tree Services

0811 > Agriculture, Forestry, And Fishing > Forestry > Timber Tracts > Timber Tracts

0831 > Agriculture, Forestry, And Fishing > Forestry > Forest Nurseries And Gathering Of Forest > Forest Nurseries and Gathering of Forest Products

0851 > Agriculture, Forestry, And Fishing > Forestry > Forestry Services > Forestry Services

0912 > Agriculture, Forestry, And Fishing > Fishing, hunting, and trapping > Commercial Fishing > Finfish

0913 > Agriculture, Forestry, And Fishing > Fishing, hunting, and trapping > Commercial Fishing > Shellfish

0919 > Agriculture, Forestry, And Fishing > Fishing, hunting, and trapping > Commercial Fishing > Miscellaneous Marine Products

0921 > Agriculture, Forestry, And Fishing > Fishing, hunting, and trapping > Fish Hatcheries And Preserves > Fish Hatcheries and Preserves

0971 > Agriculture, Forestry, And Fishing > Fishing, hunting, and trapping > Hunting And Trapping, And Game Propagation > Hunting and Trapping, and Game Propagation

1011 > Mining > Metal Mining > Iron Ores > Iron Ores

1021 > Mining > Metal Mining > Copper Ores > Copper Ores

1031 > Mining > Metal Mining > Lead And Zinc Ores > Lead and Zinc Ores

1041 > Mining > Metal Mining > Gold And Silver Ores > Gold Ores

1044 > Mining > Metal Mining > Gold And Silver Ores > Silver Ores

1061 > Mining > Metal Mining > Ferroalloy Ores, Except Vanadium > Ferroalloy Ores, Except Vanadium

1081 > Mining > Metal Mining > Metal Mining Services > Metal Mining Services

1094 > Mining > Metal Mining > Miscellaneous Metal Ores > Uranium-Radium-Vanadium Ores

1099 > Mining > Metal Mining > Miscellaneous Metal Ores > Miscellaneous Metal Ores, Not Elsewhere Classified

1221 > Mining > Coal Mining > Bituminous Coal And Lignite Mining > Bituminous Coal and Lignite Surface Mining

1222 > Mining > Coal Mining > Bituminous Coal And Lignite Mining > Bituminous Coal Underground Mining

1231 > Mining > Coal Mining > Anthracite Mining > Anthracite Mining

1241 > Mining > Coal Mining > Coal Mining Services > Coal Mining Services

1311 > Mining > Oil And Gas Extraction > Crude Petroleum And Natural Gas > Crude Petroleum and Natural Gas

1321 > Mining > Oil And Gas Extraction > Natural Gas Liquids > Natural Gas Liquids

1381 > Mining > Oil And Gas Extraction > Oil And Gas Field Services > Drilling Oil and Gas Wells

1382 > Mining > Oil And Gas Extraction > Oil And Gas Field Services > Oil and Gas Field Exploration Services

1389 > Mining > Oil And Gas Extraction > Oil And Gas Field Services > Oil and Gas Field Services, Not Elsewhere Classified

1411 > Mining > Mining And Quarrying Of Nonmetallic Minerals, Except Fuels > Dimension Stone > Dimension Stone

1422 > Mining > Mining And Quarrying Of Nonmetallic Minerals, Except Fuels > Crushed And Broken Stone, Including Riprap > Crushed and Broken Limestone

1423 > Mining > Mining And Quarrying Of Nonmetallic Minerals, Except Fuels > Crushed And Broken Stone, Including Riprap > Crushed and Broken Granite

1429 > Mining > Mining And Quarrying Of Nonmetallic Minerals, Except Fuels > Crushed And Broken Stone, Including Riprap > Crushed and Broken Stone, Not Elsewhere Classified

1442 > Mining > Mining And Quarrying Of Nonmetallic Minerals, Except Fuels > Sand And Gravel > Construction Sand and Gravel

1446 > Mining > Mining And Quarrying Of Nonmetallic Minerals, Except Fuels > Sand And Gravel > Industrial Sand

1455 > Mining > Mining And Quarrying Of Nonmetallic Minerals, Except Fuels > Clay, Ceramic, And Refractory Minerals > Kaolin and Ball Clay

1459 > Mining > Mining And Quarrying Of Nonmetallic Minerals, Except Fuels > Clay, Ceramic, And Refractory Minerals > Clay, Ceramic, and Refractory Minerals, Not Elsewhere Classified

1474 > Mining > Mining And Quarrying Of Nonmetallic Minerals, Except Fuels > Chemical And Fertilizer Mineral Mining > Potash, Soda, and Borate Minerals

1475 > Mining > Mining And Quarrying Of Nonmetallic Minerals, Except Fuels > Chemical And Fertilizer Mineral Mining > Phosphate Rock

1479 > Mining > Mining And Quarrying Of Nonmetallic Minerals, Except Fuels > Chemical And Fertilizer Mineral Mining > Chemical and Fertilizer Mineral Mining, Not Elsewhere Classified

1481 > Mining > Mining And Quarrying Of Nonmetallic Minerals, Except Fuels > Nonmetallic Minerals Services, Except Fuels > Nonmetallic Minerals Services, Except Fuels

1499 > Mining > Mining And Quarrying Of Nonmetallic Minerals, Except Fuels > Miscellaneous Nonmetallic Minerals, Except > Miscellaneous Nonmetallic Minerals, Except Fuels

1521 > Construction > Building Construction General Contractors And Operative Builders > General Building Contractors-residential > General Contractors-Single-Family Houses

1522 > Construction > Building Construction General Contractors And Operative Builders > General Building Contractors-residential > General Contractors-Residential Buildings, Other Than Single-Family

1531 > Construction > Building Construction General Contractors And Operative Builders > Operative Builders > Operative Builders

1541 > Construction > Building Construction General Contractors And Operative Builders > General Building Contractors-nonresidential > General Contractors-Industrial Buildings and Warehouses

1542 > Construction > Building Construction General Contractors And Operative Builders > General Building Contractors-nonresidential > General Contractors-Nonresidential Buildings, Other than Industrial Buildings and Warehouses

1611 > Construction > Heavy Construction Other Than Building Construction Contractors > Highway And Street Construction, Except > Highway and Street Construction, Except Elevated Highways

1622 > Construction > Heavy Construction Other Than Building Construction Contractors > Heavy Construction, Except Highway And Street > Bridge, Tunnel, and Elevated Highway Construction

1623 > Construction > Heavy Construction Other Than Building Construction Contractors > Heavy Construction, Except Highway And Street > Water, Sewer, Pipeline, and Communications and Power Line Construction

1629 > Construction > Heavy Construction Other Than Building Construction Contractors > Heavy Construction, Except Highway And Street > Heavy Construction, Not Elsewhere Classified

1711 > Construction > Construction Special Trade Contractors > Plumbing, Heating And Air-conditioning > Plumbing, Heating and Air-Conditioning

1721 > Construction > Construction Special Trade Contractors > Painting And Paper Hanging > Painting and Paper Hanging

1731 > Construction > Construction Special Trade Contractors > Electrical Work > Electrical Work

1741 > Construction > Construction Special Trade Contractors > Masonry, Stonework, Tile Setting, And Plastering > Masonry, Stone Setting, and Other Stone Work

1742 > Construction > Construction Special Trade Contractors > Masonry, Stonework, Tile Setting, And Plastering > Plastering, Drywall, Acoustical, and Insulation Work

1743 > Construction > Construction Special Trade Contractors > Masonry, Stonework, Tile Setting, And Plastering > Terrazzo, Tile, Marble, and Mosaic Work

1751 > Construction > Construction Special Trade Contractors > Carpentry And Floor Work > Carpentry Work

1752 > Construction > Construction Special Trade Contractors > Carpentry And Floor Work > Floor Laying and Other Floor Work, Not Elsewhere Classified
1761 > Construction > Construction Special Trade Contractors > Roofing, Siding, And Sheet Metal Work > Roofing, Siding, and Sheet Metal Work
1771 > Construction > Construction Special Trade Contractors > Concrete Work > Concrete Work
1781 > Construction > Construction Special Trade Contractors > Water Well Drilling > Water Well Drilling
1791 > Construction > Construction Special Trade Contractors > Miscellaneous Special Trade Contractors > Structural Steel Erection
1793 > Construction > Construction Special Trade Contractors > Miscellaneous Special Trade Contractors > Glass and Glazing Work
1794 > Construction > Construction Special Trade Contractors > Miscellaneous Special Trade Contractors > Excavation Work
1795 > Construction > Construction Special Trade Contractors > Miscellaneous Special Trade Contractors > Wrecking and Demolition Work
1796 > Construction > Construction Special Trade Contractors > Miscellaneous Special Trade Contractors > Installation or Erection of Building Equipment, Not Elsewhere
1799 > Construction > Construction Special Trade Contractors > Miscellaneous Special Trade Contractors > Special Trade Contractors, Not Elsewhere Classified
2011 > Manufacturing > Food And Kindred Products > Meat Products > Meat Packing Plants
2013 > Manufacturing > Food And Kindred Products > Meat Products > Sausages and Other Prepared Meat Products
2015 > Manufacturing > Food And Kindred Products > Meat Products > Poultry Slaughtering and Processing
2021 > Manufacturing > Food And Kindred Products > Dairy Products > Creamery Butter
2022 > Manufacturing > Food And Kindred Products > Dairy Products > Natural, Processed, and Imitation Cheese
2023 > Manufacturing > Food And Kindred Products > Dairy Products > Dry, Condensed, and Evaporated Dairy Products
2024 > Manufacturing > Food And Kindred Products > Dairy Products > Ice Cream and Frozen Desserts
2026 > Manufacturing > Food And Kindred Products > Dairy Products > Fluid Milk
2032 > Manufacturing > Food And Kindred Products > Canned, Frozen, And Preserved Fruits, Vegetables, and Food Specialties > Canned Specialties
2033 > Manufacturing > Food And Kindred Products > Canned, Frozen, And Preserved Fruits, Vegetables, and Food Specialties > Canned Fruits, Vegetables, Preserves, Jams, and Jellies
2034 > Manufacturing > Food And Kindred Products > Canned, Frozen, And Preserved Fruits, Vegetables, and Food Specialties > Dried and Dehydrated Fruits, Vegetables, and Soup Mixes
2035 > Manufacturing > Food And Kindred Products > Canned, Frozen, And Preserved Fruits, Vegetables, and Food Specialties > Pickled Fruits and Vegetables, Vegetable Sauces and Seasonings, and Salad Dressings
2037 > Manufacturing > Food And Kindred Products > Canned, Frozen, And Preserved Fruits, Vegetables, and Food Specialties > Frozen Fruits, Fruit Juices, and Vegetables
2038 > Manufacturing > Food And Kindred Products > Canned, Frozen, And Preserved Fruits, Vegetables, and Food Specialties > Frozen Specialties, Not Elsewhere Classified
2041 > Manufacturing > Food And Kindred Products > Grain Mill Products > Flour and Other Grain Mill Products
2043 > Manufacturing > Food And Kindred Products > Grain Mill Products > Cereal Breakfast Foods

2044 > Manufacturing > Food And Kindred Products > Grain Mill Products > Rice Milling
2045 > Manufacturing > Food And Kindred Products > Grain Mill Products > Prepared Flour Mixes and Doughs
2046 > Manufacturing > Food And Kindred Products > Grain Mill Products > Wet Corn Milling
2047 > Manufacturing > Food And Kindred Products > Grain Mill Products > Dog and Cat Food
2048 > Manufacturing > Food And Kindred Products > Grain Mill Products > Prepared Feed and Feed Ingredients for Animals and Fowls, Except Dogs and Cats
2051 > Manufacturing > Food And Kindred Products > Bakery Products > Bread and Other Bakery Products, Except Cookies and Crackers
2052 > Manufacturing > Food And Kindred Products > Bakery Products > Cookies and Crackers
2053 > Manufacturing > Food And Kindred Products > Bakery Products > Frozen Bakery Products, Except Bread
2061 > Manufacturing > Food And Kindred Products > Sugar And Confectionery Products > Cane Sugar, Except Refining
2062 > Manufacturing > Food And Kindred Products > Sugar And Confectionery Products > Cane Sugar Refining
2063 > Manufacturing > Food And Kindred Products > Sugar And Confectionery Products > Beet Sugar
2064 > Manufacturing > Food And Kindred Products > Sugar And Confectionery Products > Candy and Other Confectionery Products
2066 > Manufacturing > Food And Kindred Products > Sugar And Confectionery Products > Chocolate and Cocoa Products
2067 > Manufacturing > Food And Kindred Products > Sugar And Confectionery Products > Chewing Gum
2068 > Manufacturing > Food And Kindred Products > Sugar And Confectionery Products > Salted and Roasted Nuts and Seeds
2074 > Manufacturing > Food And Kindred Products > Fats And Oils > Cottonseed Oil Mills
2075 > Manufacturing > Food And Kindred Products > Fats And Oils > Soybean Oil Mills
2076 > Manufacturing > Food And Kindred Products > Fats And Oils > Vegetable Oil Mills, Except Corn, Cottonseed, and Soybean
2077 > Manufacturing > Food And Kindred Products > Fats And Oils > Animal and Marine Fats and Oils
2079 > Manufacturing > Food And Kindred Products > Fats And Oils > Shortening, Table Oils, Margarine, and Other Edible Fats and Oils, Not Elsewhere Classified
2082 > Manufacturing > Food And Kindred Products > Beverages > Malt Beverages
2083 > Manufacturing > Food And Kindred Products > Beverages > Malt
2084 > Manufacturing > Food And Kindred Products > Beverages > Wines, Brandy, and Brandy Spirits
2085 > Manufacturing > Food And Kindred Products > Beverages > Distilled and Blended Liquors
2086 > Manufacturing > Food And Kindred Products > Beverages > Bottled and Canned Soft Drinks and Carbonated Waters
2087 > Manufacturing > Food And Kindred Products > Beverages > Flavoring Extracts and Flavoring Syrups, Not Elsewhere Classified
2091 > Manufacturing > Food And Kindred Products > Miscellaneous Food Preparations And Kindred > Canned and Cured Fish and Seafoods
2092 > Manufacturing > Food And Kindred Products > Miscellaneous Food Preparations And Kindred > Prepared Fresh or Frozen Fish and Seafoods
2095 > Manufacturing > Food And Kindred Products > Miscellaneous Food Preparations And Kindred > Roasted Coffee
2096 > Manufacturing > Food And Kindred Products > Miscellaneous Food Preparations And Kindred > Potato Chips, Corn Chips, and Similar Snacks
2097 > Manufacturing > Food And Kindred Products > Miscellaneous Food Preparations And Kindred > Manufactured Ice
2098 > Manufacturing > Food And Kindred Products > Miscellaneous Food Preparations And Kindred > Macaroni, Spaghetti, Vermicelli, and Noodles

2099 > Manufacturing > Food And Kindred Products > Miscellaneous Food Preparations And Kindred > Food Preparations, Not Elsewhere Classified

2111 > Manufacturing > Tobacco Products > Cigarettes > Cigarettes

2121 > Manufacturing > Tobacco Products > Cigars > Cigars

2131 > Manufacturing > Tobacco Products > Chewing And Smoking Tobacco And Snuff > Chewing and Smoking Tobacco and Snuff

2141 > Manufacturing > Tobacco Products > Tobacco Stemming And Redrying > Tobacco Stemming and Redrying

2211 > Manufacturing > Textile Mill Products > Broadwoven Fabric Mills, Cotton > Broadwoven Fabric Mills, Cotton

2221 > Manufacturing > Textile Mill Products > Broadwoven Fabric Mills, Manmade Fiber And Silk > Broadwoven Fabric Mills, Manmade Fiber and Silk

2231 > Manufacturing > Textile Mill Products > Broadwoven Fabric Mills, Wool (including Dyeing and Finishing) > Broadwoven Fabric Mills, Wool (Including Dyeing and Finishing)

2241 > Manufacturing > Textile Mill Products > Narrow Fabric And Other Smallwares Mills, Cotton, Wool, Silk, and Manmade Fiber > Narrow Fabric and Other Smallware Mills: Cotton, Wool, Silk, and Manmade Fiber

2251 > Manufacturing > Textile Mill Products > Knitting Mills > Women's Full-Length and Knee-Length Hosiery, Except Socks

2252 > Manufacturing > Textile Mill Products > Knitting Mills > Hosiery, Not Elsewhere Classified

2253 > Manufacturing > Textile Mill Products > Knitting Mills > Knit Outerwear Mills

2254 > Manufacturing > Textile Mill Products > Knitting Mills > Knit Underwear and Nightwear Mills

2257 > Manufacturing > Textile Mill Products > Knitting Mills > Weft Knit Fabric Mills

2258 > Manufacturing > Textile Mill Products > Knitting Mills > Lace and Warp Knit Fabric Mills

2259 > Manufacturing > Textile Mill Products > Knitting Mills > Knitting Mills, Not Elsewhere Classified

2261 > Manufacturing > Textile Mill Products > Dyeing And Finishing Textiles, Except Wool Fabrics > Finishers of Broadwoven Fabrics of Cotton

2262 > Manufacturing > Textile Mill Products > Dyeing And Finishing Textiles, Except Wool Fabrics > Finishers of Broadwoven Fabrics of Manmade Fiber and Silk

2269 > Manufacturing > Textile Mill Products > Dyeing And Finishing Textiles, Except Wool Fabrics > Finishers of Textiles, Not elsewhere Classified

2273 > Manufacturing > Textile Mill Products > Carpets And Rugs > Carpets and Rugs

2281 > Manufacturing > Textile Mill Products > Yarn And Thread Mills > Yarn Spinning Mills

2282 > Manufacturing > Textile Mill Products > Yarn And Thread Mills > Yarn Texturizing, Throwing, Twisting, and Winding Mills

2284 > Manufacturing > Textile Mill Products > Yarn And Thread Mills > Thread Mills

2295 > Manufacturing > Textile Mill Products > Miscellaneous Textile Goods > Coated Fabrics, Not Rubberized

2296 > Manufacturing > Textile Mill Products > Miscellaneous Textile Goods > Tire Cord and Fabrics

2297 > Manufacturing > Textile Mill Products > Miscellaneous Textile Goods > Non-woven Fabrics

2298 > Manufacturing > Textile Mill Products > Miscellaneous Textile Goods > Cordage and Twine

2299 > Manufacturing > Textile Mill Products > Miscellaneous Textile Goods > Textile goods, Not Elsewhere Classified

2311 > Manufacturing > Apparel And Other Finished Products Made From Fabrics And Similar Materials > Men's And Boys' Suits, Coats, And Overcoats > Men's and Boys' Suits, Coats, and Overcoats

2321 > Manufacturing > Apparel And Other Finished Products Made From Fabrics And Similar Materials > Men's And Boys' Furnishings, Work Clothing, And Allied Garments > Men's and Boys' Shirts, Except Work Shirts
2322 > Manufacturing > Apparel And Other Finished Products Made From Fabrics And Similar Materials > Men's And Boys' Furnishings, Work Clothing, And Allied Garments > Men's and Boys' Underwear and Nightwear
2323 > Manufacturing > Apparel And Other Finished Products Made From Fabrics And Similar Materials > Men's And Boys' Furnishings, Work Clothing, And Allied Garments > Men's and Boys' Neckwear
2325 > Manufacturing > Apparel And Other Finished Products Made From Fabrics And Similar Materials > Men's And Boys' Furnishings, Work Clothing, And Allied Garments > Men's and Boys' Separate Trousers and Slacks
2326 > Manufacturing > Apparel And Other Finished Products Made From Fabrics And Similar Materials > Men's And Boys' Furnishings, Work Clothing, And Allied Garments > Men's and Boys' Work Clothing
2329 > Manufacturing > Apparel And Other Finished Products Made From Fabrics And Similar Materials > Men's And Boys' Furnishings, Work Clothing, And Allied Garments > Men's and Boys' Clothing, Not Elsewhere Classified
2331 > Manufacturing > Apparel And Other Finished Products Made From Fabrics And Similar Materials > Women's, Misses', And Juniors' Outerwear > Women's, Misses', and Juniors' Blouses and Shirts
2335 > Manufacturing > Apparel And Other Finished Products Made From Fabrics And Similar Materials > Women's, Misses', And Juniors' Outerwear > Women's, Misses', and Juniors' Dresses
2337 > Manufacturing > Apparel And Other Finished Products Made From Fabrics And Similar Materials > Women's, Misses', And Juniors' Outerwear > Women's, Misses', and Juniors' Suits, Skirts, and Coats
2339 > Manufacturing > Apparel And Other Finished Products Made From Fabrics And Similar Materials > Women's, Misses', And Juniors' Outerwear > Women's, Misses', and Juniors' Outerwear, Not Elsewhere Classified
2341 > Manufacturing > Apparel And Other Finished Products Made From Fabrics And Similar Materials > Women's, Misses', Children's, And Infants' > Women's, Misses', Children's, and Infants' Underwear and Nightwear
2342 > Manufacturing > Apparel And Other Finished Products Made From Fabrics And Similar Materials > Women's, Misses', Children's, And Infants' > Brassieres, Girdles, and Allied Garments
2353 > Manufacturing > Apparel And Other Finished Products Made From Fabrics And Similar Materials > Hats, Caps, And Millinery > Hats, Caps, and Millinery
2361 > Manufacturing > Apparel And Other Finished Products Made From Fabrics And Similar Materials > Girls', Children's, And Infants' Outerwear > Girls', Children's, and Infants' Dresses, Blouses, and Shirts
2369 > Manufacturing > Apparel And Other Finished Products Made From Fabrics And Similar Materials > Girls', Children's, And Infants' Outerwear > Girls', Children's, and Infants' Outerwear, Not Elsewhere Classified
2371 > Manufacturing > Apparel And Other Finished Products Made From Fabrics And Similar Materials > Fur Goods > Fur Goods
2381 > Manufacturing > Apparel And Other Finished Products Made From Fabrics And Similar Materials > Miscellaneous Apparel And Accessories > Dress and Work Gloves, Except Knit and All-Leather

2384 > Manufacturing > Apparel And Other Finished Products Made From Fabrics And Similar Materials > Miscellaneous Apparel And Accessories > Robes and Dressing Gowns

2385 > Manufacturing > Apparel And Other Finished Products Made From Fabrics And Similar Materials > Miscellaneous Apparel And Accessories > Waterproof Outerwear

2386 > Manufacturing > Apparel And Other Finished Products Made From Fabrics And Similar Materials > Miscellaneous Apparel And Accessories > Leather and Sheep-Lined Clothing

2387 > Manufacturing > Apparel And Other Finished Products Made From Fabrics And Similar Materials > Miscellaneous Apparel And Accessories > Apparel belts

2389 > Manufacturing > Apparel And Other Finished Products Made From Fabrics And Similar Materials > Miscellaneous Apparel And Accessories > Apparel and Accessories, Not Elsewhere Classified

2391 > Manufacturing > Apparel And Other Finished Products Made From Fabrics And Similar Materials > Miscellaneous Fabricated Textile Products > Curtains and Draperies

2392 > Manufacturing > Apparel And Other Finished Products Made From Fabrics And Similar Materials > Miscellaneous Fabricated Textile Products > House furnishing, Except Curtains and Draperies

2393 > Manufacturing > Apparel And Other Finished Products Made From Fabrics And Similar Materials > Miscellaneous Fabricated Textile Products > Textile Bags

2394 > Manufacturing > Apparel And Other Finished Products Made From Fabrics And Similar Materials > Miscellaneous Fabricated Textile Products > Canvas and Related Products

2395 > Manufacturing > Apparel And Other Finished Products Made From Fabrics And Similar Materials > Miscellaneous Fabricated Textile Products > Pleating, Decorative and Novelty Stitching, and Tucking for the Trade

2396 > Manufacturing > Apparel And Other Finished Products Made From Fabrics And Similar Materials > Miscellaneous Fabricated Textile Products > Automotive Trimmings, Apparel Findings, and Related Products

2397 > Manufacturing > Apparel And Other Finished Products Made From Fabrics And Similar Materials > Miscellaneous Fabricated Textile Products > Schiffli Machine Embroideries

2399 > Manufacturing > Apparel And Other Finished Products Made From Fabrics And Similar Materials > Miscellaneous Fabricated Textile Products > Fabricated Textile Products, Not Elsewhere Classified

2411 > Manufacturing > Lumber And Wood Products, Except Furniture > Logging > Logging

2421 > Manufacturing > Lumber And Wood Products, Except Furniture > Sawmills And Planing Mills > Sawmills and Planing Mills, General

2426 > Manufacturing > Lumber And Wood Products, Except Furniture > Sawmills And Planing Mills > Hardwood Dimension and Flooring Mills

2429 > Manufacturing > Lumber And Wood Products, Except Furniture > Sawmills And Planing Mills > Special Product Sawmills, Not Elsewhere Classified

2431 > Manufacturing > Lumber And Wood Products, Except Furniture > Millwork, Veneer, Plywood, And Structural Wood > Millwork

2434 > Manufacturing > Lumber And Wood Products, Except Furniture > Millwork, Veneer, Plywood, And Structural Wood > Wood Kitchen Cabinets

2435 > Manufacturing > Lumber And Wood Products, Except Furniture > Millwork, Veneer, Plywood, And Structural Wood > Hardwood Veneer and Plywood

2436 > Manufacturing > Lumber And Wood Products, Except Furniture > Millwork, Veneer, Plywood, And Structural Wood > Softwood Veneer and Plywood

2439 > Manufacturing > Lumber And Wood Products, Except Furniture > Millwork, Veneer, Plywood, And Structural Wood > Structural Wood Members, Not Elsewhere Classified

2441 > Manufacturing > Lumber And Wood Products, Except Furniture > Wood Containers > Nailed and Lock Corner Wood Boxes and Shook

2448 > Manufacturing > Lumber And Wood Products, Except Furniture > Wood Containers > Wood Pallets and Skids

2449 > Manufacturing > Lumber And Wood Products, Except Furniture > Wood Containers > Wood Containers, Not Elsewhere Classified

2451 > Manufacturing > Lumber And Wood Products, Except Furniture > Wood Buildings And Mobile Homes > Mobile Homes

2452 > Manufacturing > Lumber And Wood Products, Except Furniture > Wood Buildings And Mobile Homes > Prefabricated Wood Buildings and Components

2491 > Manufacturing > Lumber And Wood Products, Except Furniture > Miscellaneous Wood Products > Wood Preserving

2493 > Manufacturing > Lumber And Wood Products, Except Furniture > Miscellaneous Wood Products > Reconstituted Wood Products

2499 > Manufacturing > Lumber And Wood Products, Except Furniture > Miscellaneous Wood Products > Wood Products, Not Elsewhere Classified

2511 > Manufacturing > Furniture And Fixtures > Household Furniture > Wood Household Furniture, Except Upholstered

2512 > Manufacturing > Furniture And Fixtures > Household Furniture > Wood Household Furniture, Upholstered

2514 > Manufacturing > Furniture And Fixtures > Household Furniture > Metal Household Furniture

2515 > Manufacturing > Furniture And Fixtures > Household Furniture > Mattresses, Foundations, and Convertible Beds

2517 > Manufacturing > Furniture And Fixtures > Household Furniture > Wood Television, Radio, Phonograph, and Sewing Machine Cabinets

2519 > Manufacturing > Furniture And Fixtures > Household Furniture > Household Furniture, Not Elsewhere Classified

2521 > Manufacturing > Furniture And Fixtures > Office Furniture > Wood Office Furniture

2522 > Manufacturing > Furniture And Fixtures > Office Furniture > Office Furniture, Except Wood

2531 > Manufacturing > Furniture And Fixtures > Public Building And Related Furniture > Public Building and Related Furniture

2541 > Manufacturing > Furniture And Fixtures > Partitions, Shelving, Lockers, And Office And > Wood Office and Store Fixtures, Partitions, Shelving, and Lockers

2542 > Manufacturing > Furniture And Fixtures > Partitions, Shelving, Lockers, And Office And > Office and Store Fixtures, Partitions, Shelving, and Lockers, Except Wood

2591 > Manufacturing > Furniture And Fixtures > Miscellaneous Furniture And Fixtures > Drapery Hardware and Window Blinds and Shades

2599 > Manufacturing > Furniture And Fixtures > Miscellaneous Furniture And Fixtures > Furniture and Fixtures, Not Elsewhere Classified

2611 > Manufacturing > Paper And Allied Products > Pulp Mills > Pulp Mills

2621 > Manufacturing > Paper And Allied Products > Paper Mills > Paper Mills

2631 > Manufacturing > Paper And Allied Products > Paperboard Mills > Paperboard Mills

2652 > Manufacturing > Paper And Allied Products > Paperboard Containers And Boxes > Setup Paperboard Boxes

2653 > Manufacturing > Paper And Allied Products > Paperboard Containers And Boxes > Corrugated and Solid Fiber Boxes

2655 > Manufacturing > Paper And Allied Products > Paperboard Containers And Boxes > Fiber Cans, Tubes, Drums, and Similar Products

2656 > Manufacturing > Paper And Allied Products > Paperboard Containers And Boxes > Sanitary Food Containers, Except Folding

2657 > Manufacturing > Paper And Allied Products > Paperboard Containers And Boxes > Folding Paperboard Boxes, Including Sanitary

2671 > Manufacturing > Paper And Allied Products > Converted Paper And Paperboard Products, Except > Packaging Paper and Plastics Film, Coated and Laminated

2672 > Manufacturing > Paper And Allied Products > Converted Paper And Paperboard Products, Except > Coated and Laminated Paper, Not Elsewhere Classified

2673 > Manufacturing > Paper And Allied Products > Converted Paper And Paperboard Products, Except > Plastics, Foil, and Coated Paper Bags

2674 > Manufacturing > Paper And Allied Products > Converted Paper And Paperboard Products, Except > Uncoated Paper and Multiwall Bags

2675 > Manufacturing > Paper And Allied Products > Converted Paper And Paperboard Products, Except > Die-Cut Paper and Paperboard and Cardboard

2676 > Manufacturing > Paper And Allied Products > Converted Paper And Paperboard Products, Except > Sanitary Paper Products

2677 > Manufacturing > Paper And Allied Products > Converted Paper And Paperboard Products, Except > Envelopes

2678 > Manufacturing > Paper And Allied Products > Converted Paper And Paperboard Products, Except > Stationery, Tablets, and Related Products

2679 > Manufacturing > Paper And Allied Products > Converted Paper And Paperboard Products, Except > Converted Paper and Paperboard Products, Not Elsewhere Classified

2711 > Manufacturing > Printing, Publishing, And Allied Industries > Newspapers: Publishing, Or Publishing And Printing > Newspapers: Publishing, or Publishing and Printing

2721 > Manufacturing > Printing, Publishing, And Allied Industries > Periodicals: Publishing, Or Publishing And Printing > Periodicals: Publishing, or Publishing and Printing

2731 > Manufacturing > Printing, Publishing, And Allied Industries > Books > Books: Publishing, or Publishing and Printing

2732 > Manufacturing > Printing, Publishing, And Allied Industries > Books > Book Printing

2741 > Manufacturing > Printing, Publishing, And Allied Industries > Miscellaneous Publishing > Miscellaneous Publishing

2752 > Manufacturing > Printing, Publishing, And Allied Industries > Commercial Printing > Commercial Printing, Lithographic

2754 > Manufacturing > Printing, Publishing, And Allied Industries > Commercial Printing > Commercial Printing, Gravure

2759 > Manufacturing > Printing, Publishing, And Allied Industries > Commercial Printing > Commercial Printing, Not Elsewhere Classified

2761 > Manufacturing > Printing, Publishing, And Allied Industries > Manifold Business Forms > Manifold Business Forms

2771 > Manufacturing > Printing, Publishing, And Allied Industries > Greeting Cards > Greeting Cards

2782 > Manufacturing > Printing, Publishing, And Allied Industries > Blankbooks, Looseleaf Binders, And Bookbinding > Blankbooks, Looseleaf Binders and Devices

2789 > Manufacturing > Printing, Publishing, And Allied Industries > Blankbooks, Looseleaf Binders, And Bookbinding > Bookbinding and Related Work

2791 > Manufacturing > Printing, Publishing, And Allied Industries > Service Industries For The Printing Trade > Typesetting

2796 > Manufacturing > Printing, Publishing, And Allied Industries > Service Industries For The Printing Trade > Platemaking and Related Services

2812 > Manufacturing > Chemicals And Allied Products > Industrial Inorganic Chemicals > Alkalies and Chlorine

2813 > Manufacturing > Chemicals And Allied Products > Industrial Inorganic Chemicals > Industrial Gases

2816 > Manufacturing > Chemicals And Allied Products > Industrial Inorganic Chemicals > Inorganic Pigments

2819 > Manufacturing > Chemicals And Allied Products > Industrial Inorganic Chemicals > Industrial Inorganic Chemicals, Not Elsewhere Classified

2821 > Manufacturing > Chemicals And Allied Products > Plastics Materials And Synthetic Resins, Synthetic > Plastics Materials, Synthetic Resins, and Nonvulcanizable Elastomers

2822 > Manufacturing > Chemicals And Allied Products > Plastics Materials And Synthetic Resins, Synthetic > Synthetic Rubber (Vulcanizable Elastomers)

2823 > Manufacturing > Chemicals And Allied Products > Plastics Materials And Synthetic Resins, Synthetic > Cellulosic Manmade Fibers

2824 > Manufacturing > Chemicals And Allied Products > Plastics Materials And Synthetic Resins, Synthetic > Manmade Organic Fibers, Except Cellulosic

2833 > Manufacturing > Chemicals And Allied Products > Drugs > Medicinal Chemicals and Botanical Products

2834 > Manufacturing > Chemicals And Allied Products > Drugs > Pharmaceutical Preparations

2835 > Manufacturing > Chemicals And Allied Products > Drugs > In Vitro and In Vivo Diagnostic Substances

2836 > Manufacturing > Chemicals And Allied Products > Drugs > Biological Products, Except Diagnostic Substances

2841 > Manufacturing > Chemicals And Allied Products > Soap, Detergents, And Cleaning Preparations; Perfumes, Cosmetics, and Other Toilet Preparations > Soap and Other Detergents, Except Specialty Cleaners

2842 > Manufacturing > Chemicals And Allied Products > Soap, Detergents, And Cleaning Preparations; Perfumes, Cosmetics, and Other Toilet Preparations > Specialty Cleaning, Polishing, and Sanitation Preparations

2843 > Manufacturing > Chemicals And Allied Products > Soap, Detergents, And Cleaning Preparations; Perfumes, Cosmetics, and Other Toilet Preparations > Surface Active Agents, Finishing Agents, Sulfonated Oils, and Assistants

2844 > Manufacturing > Chemicals And Allied Products > Soap, Detergents, And Cleaning Preparations; Perfumes, Cosmetics, and Other Toilet Preparations > Perfumes, Cosmetics, and Other Toilet Preparations

2851 > Manufacturing > Chemicals And Allied Products > Paints, Varnishes, Lacquers, Enamels, And Allied > Paints, Varnishes, Lacquers, Enamels, and Allied Products

2861 > Manufacturing > Chemicals And Allied Products > Industrial Organic Chemicals > Gum and Wood Chemicals

2865 > Manufacturing > Chemicals And Allied Products > Industrial Organic Chemicals > Cyclic Organic Crudes and Intermediates, and Organic Dyes and Pigments

2869 > Manufacturing > Chemicals And Allied Products > Industrial Organic Chemicals > Industrial Organic Chemicals, Not Elsewhere Classified

2873 > Manufacturing > Chemicals And Allied Products > Agricultural Chemicals > Nitrogenous Fertilizers

2874 > Manufacturing > Chemicals And Allied Products > Agricultural Chemicals > Phosphatic Fertilizers

2875 > Manufacturing > Chemicals And Allied Products > Agricultural Chemicals > Fertilizers, Mixing Only

2879 > Manufacturing > Chemicals And Allied Products > Agricultural Chemicals > Pesticides and Agricultural Chemicals, Not Elsewhere Classified

2891 > Manufacturing > Chemicals And Allied Products > Miscellaneous Chemical Products > Adhesives and Sealants

2892 > Manufacturing > Chemicals And Allied Products > Miscellaneous Chemical Products > Explosives

2893 > Manufacturing > Chemicals And Allied Products > Miscellaneous Chemical Products > Printing Ink

2895 > Manufacturing > Chemicals And Allied Products > Miscellaneous Chemical Products > Carbon Black

2899 > Manufacturing > Chemicals And Allied Products > Miscellaneous Chemical Products > Chemicals and Chemical Preparations, Not Elsewhere Classified

2911 > Manufacturing > Petroleum Refining And Related Industries > Petroleum Refining > Petroleum Refining

2951 > Manufacturing > Petroleum Refining And Related Industries > Asphalt Paving And Roofing Materials > Asphalt Paving Mixtures and Blocks

2952 > Manufacturing > Petroleum Refining And Related Industries > Asphalt Paving And Roofing Materials > Asphalt Felts and Coatings

2992 > Manufacturing > Petroleum Refining And Related Industries > Miscellaneous Products Of Petroleum And Coal > Lubricating Oils and Greases

2999 > Manufacturing > Petroleum Refining And Related Industries > Miscellaneous Products Of Petroleum And Coal > Products of Petroleum and Coal, Not Elsewhere Classified

3011 > Manufacturing > Rubber And Miscellaneous Plastics Products > Tires And Inner Tubes > Tires and Inner Tubes

3021 > Manufacturing > Rubber And Miscellaneous Plastics Products > Rubber And Plastics Footwear > Rubber and Plastics Footwear

3052 > Manufacturing > Rubber And Miscellaneous Plastics Products > Gaskets, Packing, And Sealing Devices And Rubber > Rubber and Plastics Hose and Belting

3053 > Manufacturing > Rubber And Miscellaneous Plastics Products > Gaskets, Packing, And Sealing Devices And Rubber > Gaskets, Packing, and Sealing Devices

3061 > Manufacturing > Rubber And Miscellaneous Plastics Products > Fabricated Rubber Products, Not Elsewhere > Molded, Extruded, and Lathe-Cut Mechanical Rubber Goods

3069 > Manufacturing > Rubber And Miscellaneous Plastics Products > Fabricated Rubber Products, Not Elsewhere > Fabricated Rubber Products, Not Elsewhere Classified

3081 > Manufacturing > Rubber And Miscellaneous Plastics Products > Miscellaneous Plastics Products > Unsupported Plastics Film and Sheet

3082 > Manufacturing > Rubber And Miscellaneous Plastics Products > Miscellaneous Plastics Products > Unsupported Plastics Profile Shapes

3083 > Manufacturing > Rubber And Miscellaneous Plastics Products > Miscellaneous Plastics Products > Laminated Plastics Plate, Sheet, and Profile Shapes

3084 > Manufacturing > Rubber And Miscellaneous Plastics Products > Miscellaneous Plastics Products > Plastics Pipe

3085 > Manufacturing > Rubber And Miscellaneous Plastics Products > Miscellaneous Plastics Products > Plastics Bottles

3086 > Manufacturing > Rubber And Miscellaneous Plastics Products > Miscellaneous Plastics Products > Plastics Foam Products

3087 > Manufacturing > Rubber And Miscellaneous Plastics Products > Miscellaneous Plastics Products > Custom Compounding of Purchased Plastics Resins

3088 > Manufacturing > Rubber And Miscellaneous Plastics Products > Miscellaneous Plastics Products > Plastics Plumbing Fixtures

3089 > Manufacturing > Rubber And Miscellaneous Plastics Products > Miscellaneous Plastics Products > Plastics Products, Not Elsewhere Classified

3111 > Manufacturing > Leather And Leather Products > Leather Tanning And Finishing > Leather Tanning and Finishing

3131 > Manufacturing > Leather And Leather Products > Boot And Shoe Cut Stock And Findings > Boot and Shoe Cut Stock and Findings

3142 > Manufacturing > Leather And Leather Products > Footwear, Except Rubber > House Slippers

3143 > Manufacturing > Leather And Leather Products > Footwear, Except Rubber > Men's Footwear, Except Athletic

3144 > Manufacturing > Leather And Leather Products > Footwear, Except Rubber > Women's Footwear, Except Athletic

3149 > Manufacturing > Leather And Leather Products > Footwear, Except Rubber > Footwear, Except Rubber, Not Elsewhere Classified

3151 > Manufacturing > Leather And Leather Products > Leather Gloves And Mittens > Leather Gloves and Mittens

3161 > Manufacturing > Leather And Leather Products > Luggage > Luggage

3171 > Manufacturing > Leather And Leather Products > Handbags And Other Personal Leather Goods > Women's Handbags and Purses

3172 > Manufacturing > Leather And Leather Products > Handbags And Other Personal Leather Goods > Personal Leather Goods, Except Women's Handbags and Purses

3199 > Manufacturing > Leather And Leather Products > Leather Goods, Not Elsewhere Classified > Leather Goods, Not Elsewhere Classified

3211 > Manufacturing > Stone, Clay, Glass, And Concrete Products > Flat Glass > Flat Glass

3221 > Manufacturing > Stone, Clay, Glass, And Concrete Products > Glass And Glassware, Pressed Or Blown > Glass Containers

3229 > Manufacturing > Stone, Clay, Glass, And Concrete Products > Glass And Glassware, Pressed Or Blown > Pressed and Blown Glass and Glassware, Not Elsewhere Classified

3231 > Manufacturing > Stone, Clay, Glass, And Concrete Products > Glass Products, Made Of Purchased Glass > Glass Products, Made of Purchased Glass

3241 > Manufacturing > Stone, Clay, Glass, And Concrete Products > Cement, Hydraulic > Cement, Hydraulic

3251 > Manufacturing > Stone, Clay, Glass, And Concrete Products > Structural Clay Products > Brick and Structural Clay Tile

3253 > Manufacturing > Stone, Clay, Glass, And Concrete Products > Structural Clay Products > Ceramic Wall and Floor Tile

3255 > Manufacturing > Stone, Clay, Glass, And Concrete Products > Structural Clay Products > Clay Refractories

3259 > Manufacturing > Stone, Clay, Glass, And Concrete Products > Structural Clay Products > Structural Clay Products, Not Elsewhere Classified

3261 > Manufacturing > Stone, Clay, Glass, And Concrete Products > Pottery And Related Products > Vitreous China Plumbing Fixtures and China and Earthenware Fittings and Bathroom Accessories

3262 > Manufacturing > Stone, Clay, Glass, And Concrete Products > Pottery And Related Products > Vitreous China Table and Kitchen Articles

3263 > Manufacturing > Stone, Clay, Glass, And Concrete Products > Pottery And Related Products > Fine Earthenware (Whiteware) Table and Kitchen Articles

3264 > Manufacturing > Stone, Clay, Glass, And Concrete Products > Pottery And Related Products > Porcelain Electrical Supplies

3269 > Manufacturing > Stone, Clay, Glass, And Concrete Products > Pottery And Related Products > Pottery Products, Not Elsewhere Classified

3271 > Manufacturing > Stone, Clay, Glass, And Concrete Products > Concrete, Gypsum, And Plaster Products > Concrete Block and Brick

3272 > Manufacturing > Stone, Clay, Glass, And Concrete Products > Concrete, Gypsum, And Plaster Products > Concrete Products, Except Block and Brick

3273 > Manufacturing > Stone, Clay, Glass, And Concrete Products > Concrete, Gypsum, And Plaster Products > Ready-Mixed Concrete

3274 > Manufacturing > Stone, Clay, Glass, And Concrete Products > Concrete, Gypsum, And Plaster Products > Lime

3275 > Manufacturing > Stone, Clay, Glass, And Concrete Products > Concrete, Gypsum, And Plaster Products > Gypsum Products

3281 > Manufacturing > Stone, Clay, Glass, And Concrete Products > Cut Stone And Stone Products > Cut Stone and Stone Products

3291 > Manufacturing > Stone, Clay, Glass, And Concrete Products > Abrasive, Asbestos, And Miscellaneous > Abrasive Products

3292 > Manufacturing > Stone, Clay, Glass, And Concrete Products > Abrasive, Asbestos, And Miscellaneous > Asbestos Products

3295 > Manufacturing > Stone, Clay, Glass, And Concrete Products > Abrasive, Asbestos, And Miscellaneous > Minerals and Earths, Ground or Otherwise Treated

3296 > Manufacturing > Stone, Clay, Glass, And Concrete Products > Abrasive, Asbestos, And Miscellaneous > Mineral Wool

3297 > Manufacturing > Stone, Clay, Glass, And Concrete Products > Abrasive, Asbestos, And Miscellaneous > Nonclay Refractories

3299 > Manufacturing > Stone, Clay, Glass, And Concrete Products > Abrasive, Asbestos, And Miscellaneous > Nonmetallic Mineral Products, Not Elsewhere Classified

3312 > Manufacturing > Primary Metal Industries > Steel Works, Blast Furnaces, And Rolling And Finishing Mills > Steel Works, Blast Furnaces (Including Coke Ovens), and Rolling Mills

3313 > Manufacturing > Primary Metal Industries > Steel Works, Blast Furnaces, And Rolling And Finishing Mills > Electrometallurgical Products, Except Steel

3315 > Manufacturing > Primary Metal Industries > Steel Works, Blast Furnaces, And Rolling And Finishing Mills > Steel Wiredrawing and Steel Nails and Spikes

3316 > Manufacturing > Primary Metal Industries > Steel Works, Blast Furnaces, And Rolling And Finishing Mills > Cold-Rolled Steel Sheet, Strip, and Bars

3317 > Manufacturing > Primary Metal Industries > Steel Works, Blast Furnaces, And Rolling And Finishing Mills > Steel Pipe and Tubes

3321 > Manufacturing > Primary Metal Industries > Iron And Steel Foundries > Gray and Ductile Iron Foundries

3322 > Manufacturing > Primary Metal Industries > Iron And Steel Foundries > Malleable Iron Foundries

3324 > Manufacturing > Primary Metal Industries > Iron And Steel Foundries > Steel Investment Foundries

3325 > Manufacturing > Primary Metal Industries > Iron And Steel Foundries > Steel Foundries, Not Elsewhere Classified

3331 > Manufacturing > Primary Metal Industries > Primary Smelting And Refining Of Nonferrous > Primary Smelting and Refining of Copper

3334 > Manufacturing > Primary Metal Industries > Primary Smelting And Refining Of Nonferrous > Primary Production of Aluminum

3339 > Manufacturing > Primary Metal Industries > Primary Smelting And Refining Of Nonferrous > Primary Smelting and Refining of Nonferrous Metals, Except Copper and Aluminum

3341 > Manufacturing > Primary Metal Industries > Secondary Smelting And Refining Of Nonferrous > Secondary Smelting and Refining of Nonferrous Metals

3351 > Manufacturing > Primary Metal Industries > Rolling, Drawing, And Extruding Of Nonferrous > Rolling, Drawing, and Extruding Of Copper

3353 > Manufacturing > Primary Metal Industries > Rolling, Drawing, And Extruding Of Nonferrous > Aluminum Sheet, Plate, and Foil

3354 > Manufacturing > Primary Metal Industries > Rolling, Drawing, And Extruding Of Nonferrous > Aluminum Extruded Products

3355 > Manufacturing > Primary Metal Industries > Rolling, Drawing, And Extruding Of Nonferrous > Aluminum Rolling and Drawing, Not Elsewhere Classified

3356 > Manufacturing > Primary Metal Industries > Rolling, Drawing, And Extruding Of Nonferrous > Rolling, Drawing, and Extruding of Nonferrous Metals, Except Copper and Aluminum

3357 > Manufacturing > Primary Metal Industries > Rolling, Drawing, And Extruding Of Nonferrous > Drawing and Insulating of Nonferrous Wire

3363 > Manufacturing > Primary Metal Industries > Nonferrous Foundries (castings) > Aluminum Die-Castings

3364 > Manufacturing > Primary Metal Industries > Nonferrous Foundries (castings) > Nonferrous Die-Castings, Except Aluminum

3365 > Manufacturing > Primary Metal Industries > Nonferrous Foundries (castings) > Aluminum Foundries

3366 > Manufacturing > Primary Metal Industries > Nonferrous Foundries (castings) > Copper Foundries

3369 > Manufacturing > Primary Metal Industries > Nonferrous Foundries (castings) > Nonferrous Foundries, Except Aluminum and Copper

3398 > Manufacturing > Primary Metal Industries > Miscellaneous Primary Metal Products > Metal Heat Treating

3399 > Manufacturing > Primary Metal Industries > Miscellaneous Primary Metal Products > Primary Metal Products, Not Elsewhere Classified

3411 > Manufacturing > Fabricated Metal Products, Except Machinery And Transportation Equipment > Metal Cans And Shipping Containers > Metal Cans

3412 > Manufacturing > Fabricated Metal Products, Except Machinery And Transportation Equipment > Metal Cans And Shipping Containers > Metal Shipping Barrels, Drums, Kegs, and Pails

3421 > Manufacturing > Fabricated Metal Products, Except Machinery And Transportation Equipment > Cutlery, Handtools, And General Hardware > Cutlery

3423 > Manufacturing > Fabricated Metal Products, Except Machinery And Transportation Equipment > Cutlery, Handtools, And General Hardware > Hand and Edge Tools, Except Machine Tools and Handsaws

3425 > Manufacturing > Fabricated Metal Products, Except Machinery And Transportation Equipment > Cutlery, Handtools, And General Hardware > Saw Blades and Handsaws

3429 > Manufacturing > Fabricated Metal Products, Except Machinery And Transportation Equipment > Cutlery, Handtools, And General Hardware > Hardware, Not Elsewhere Classified

3431 > Manufacturing > Fabricated Metal Products, Except Machinery And Transportation Equipment > Heating Equipment, Except Electric And Warm Air; > Enameled Iron and Metal Sanitary Ware

3432 > Manufacturing > Fabricated Metal Products, Except Machinery And Transportation Equipment > Heating Equipment, Except Electric And Warm Air; > Plumbing Fixture Fittings and Trim

3433 > Manufacturing > Fabricated Metal Products, Except Machinery And Transportation Equipment > Heating Equipment, Except Electric And Warm Air; > Heating Equipment, Except Electric and Warm Air Furnaces

3441 > Manufacturing > Fabricated Metal Products, Except Machinery And Transportation Equipment > Fabricated Structural Metal Products > Fabricated Structural Metal

3442 > Manufacturing > Fabricated Metal Products, Except Machinery And Transportation Equipment > Fabricated Structural Metal Products > Metal Doors, Sash, Frames, Molding, and Trim Manufacturing

3443 > Manufacturing > Fabricated Metal Products, Except Machinery And Transportation Equipment > Fabricated Structural Metal Products > Fabricated Plate Work (Boiler Shops)

3444 > Manufacturing > Fabricated Metal Products, Except Machinery And Transportation Equipment > Fabricated Structural Metal Products > Sheet Metal Work

3446 > Manufacturing > Fabricated Metal Products, Except Machinery And Transportation Equipment > Fabricated Structural Metal Products > Architectural and Ornamental Metal Work

3448 > Manufacturing > Fabricated Metal Products, Except Machinery And Transportation Equipment > Fabricated Structural Metal Products > Prefabricated Metal Buildings and Components

3449 > Manufacturing > Fabricated Metal Products, Except Machinery And Transportation Equipment > Fabricated Structural Metal Products > Miscellaneous Structural Metal Work

3451 > Manufacturing > Fabricated Metal Products, Except Machinery And Transportation Equipment > Screw Machine Products, And Bolts, Nuts, Screws, Rivets, And Washers > Screw Machine Products

3452 > Manufacturing > Fabricated Metal Products, Except Machinery And Transportation Equipment > Screw Machine Products, And Bolts, Nuts, Screws, Rivets, And Washers > Bolts, Nuts, Screws, Rivets, and Washers

3462 > Manufacturing > Fabricated Metal Products, Except Machinery And Transportation Equipment > Metal Forgings And Stampings > Iron and Steel Forgings

3463 > Manufacturing > Fabricated Metal Products, Except Machinery And Transportation Equipment > Metal Forgings And Stampings > Nonferrous Forgings

3465 > Manufacturing > Fabricated Metal Products, Except Machinery And Transportation Equipment > Metal Forgings And Stampings > Automotive Stampings

3466 > Manufacturing > Fabricated Metal Products, Except Machinery And Transportation Equipment > Metal Forgings And Stampings > Crowns and Closures

3469 > Manufacturing > Fabricated Metal Products, Except Machinery And Transportation Equipment > Metal Forgings And Stampings > Metal Stampings, Not Elsewhere Classified

3471 > Manufacturing > Fabricated Metal Products, Except Machinery And Transportation Equipment > Coating, Engraving, And Allied Services > Electroplating, Plating, Polishing, Anodizing, and Coloring

3479 > Manufacturing > Fabricated Metal Products, Except Machinery And Transportation Equipment > Coating, Engraving, And Allied Services > Coating, Engraving, and Allied Services, Not Elsewhere Classified

3482 > Manufacturing > Fabricated Metal Products, Except Machinery And Transportation Equipment > Ordnance And Accessories, Except Vehicles And Guided Missiles > Small Arms Ammunition

3483 > Manufacturing > Fabricated Metal Products, Except Machinery And Transportation Equipment > Ordnance And Accessories, Except Vehicles And Guided Missiles > Ammunition, Except for Small Arms

3484 > Manufacturing > Fabricated Metal Products, Except Machinery And Transportation Equipment > Ordnance And Accessories, Except Vehicles And Guided Missiles > Small Arms

3489 > Manufacturing > Fabricated Metal Products, Except Machinery And Transportation Equipment > Ordnance And Accessories, Except Vehicles And Guided Missiles > Ordnance and Accessories, Not Elsewhere Classified

3491 > Manufacturing > Fabricated Metal Products, Except Machinery And Transportation Equipment > Miscellaneous Fabricated Metal Products > Industrial Valves

3492 > Manufacturing > Fabricated Metal Products, Except Machinery And Transportation Equipment > Miscellaneous Fabricated Metal Products > Fluid Power Valves and Hose Fittings

3493 > Manufacturing > Fabricated Metal Products, Except Machinery And Transportation Equipment > Miscellaneous Fabricated Metal Products > Steel Springs, Except Wire

3494 > Manufacturing > Fabricated Metal Products, Except Machinery And Transportation Equipment > Miscellaneous Fabricated Metal Products > Valves and Pipe Fittings, Not Elsewhere Classified

3495 > Manufacturing > Fabricated Metal Products, Except Machinery And Transportation Equipment > Miscellaneous Fabricated Metal Products > Wire Springs

3496 > Manufacturing > Fabricated Metal Products, Except Machinery And Transportation Equipment > Miscellaneous Fabricated Metal Products > Miscellaneous Fabricated Wire Products

3497 > Manufacturing > Fabricated Metal Products, Except Machinery And Transportation Equipment > Miscellaneous Fabricated Metal Products > Metal Foil and Leaf

3498 > Manufacturing > Fabricated Metal Products, Except Machinery And Transportation Equipment > Miscellaneous Fabricated Metal Products > Fabricated Pipe and Pipe Fittings

3499 > Manufacturing > Fabricated Metal Products, Except Machinery And Transportation Equipment > Miscellaneous Fabricated Metal Products > Fabricated Metal Products, Not Elsewhere Classified

3511 > Manufacturing > Industrial And Commercial Machinery And Computer Equipment > Engines And Turbines > Steam, Gas, and Hydraulic Turbines, and Turbine Generator Set Units

3519 > Manufacturing > Industrial And Commercial Machinery And Computer Equipment > Engines And Turbines > Internal Combustion Engines, Not Elsewhere Classified

3523 > Manufacturing > Industrial And Commercial Machinery And Computer Equipment > Farm And Garden Machinery And Equipment > Farm Machinery and Equipment

3524 > Manufacturing > Industrial And Commercial Machinery And Computer Equipment > Farm And Garden Machinery And Equipment > Lawn and Garden Tractors and Home Lawn and Garden Equipment

3531 > Manufacturing > Industrial And Commercial Machinery And Computer Equipment > Construction, Mining, And Materials Handling > Construction Machinery and Equipment

3532 > Manufacturing > Industrial And Commercial Machinery And Computer Equipment > Construction, Mining, And Materials Handling > Mining Machinery and Equipment, Except Oil and Gas Field Machinery and Equipment

3533 > Manufacturing > Industrial And Commercial Machinery And Computer Equipment > Construction, Mining, And Materials Handling > Oil and Gas Field Machinery and Equipment

3534 > Manufacturing > Industrial And Commercial Machinery And Computer Equipment > Construction, Mining, And Materials Handling > Elevators and Moving Stairways

3535 > Manufacturing > Industrial And Commercial Machinery And Computer Equipment > Construction, Mining, And Materials Handling > Conveyors and Conveying Equipment

3536 > Manufacturing > Industrial And Commercial Machinery And Computer Equipment > Construction, Mining, And Materials Handling > Overhead Traveling Cranes, Hoists, and Monorail Systems

3537 > Manufacturing > Industrial And Commercial Machinery And Computer Equipment > Construction, Mining, And Materials Handling > Industrial Trucks, Tractors, Trailers, and Stackers

3541 > Manufacturing > Industrial And Commercial Machinery And Computer Equipment > Metalworking Machinery And Equipment > Machine Tools, Metal Cutting Types

3542 > Manufacturing > Industrial And Commercial Machinery And Computer Equipment > Metalworking Machinery And Equipment > Machine Tools, Metal Forming Types

3543 > Manufacturing > Industrial And Commercial Machinery And Computer Equipment > Metalworking Machinery And Equipment > Industrial Patterns

3544 > Manufacturing > Industrial And Commercial Machinery And Computer Equipment > Metalworking Machinery And Equipment > Special Dies and Tools, Die Sets, Jigs and Fixtures, and Industrial Molds
3545 > Manufacturing > Industrial And Commercial Machinery And Computer Equipment > Metalworking Machinery And Equipment > Cutting Tools, Machine Tool Accessories, and Machinists' Precision Measuring Devices
3546 > Manufacturing > Industrial And Commercial Machinery And Computer Equipment > Metalworking Machinery And Equipment > Power-Driven Handtools
3547 > Manufacturing > Industrial And Commercial Machinery And Computer Equipment > Metalworking Machinery And Equipment > Rolling Mill Machinery and Equipment
3548 > Manufacturing > Industrial And Commercial Machinery And Computer Equipment > Metalworking Machinery And Equipment > Electric and Gas Welding and Soldering Equipment
3549 > Manufacturing > Industrial And Commercial Machinery And Computer Equipment > Metalworking Machinery And Equipment > Metalworking Machinery, Not Elsewhere Classified
3552 > Manufacturing > Industrial And Commercial Machinery And Computer Equipment > Special Industry Machinery, Except Metalworking > Textile Machinery
3553 > Manufacturing > Industrial And Commercial Machinery And Computer Equipment > Special Industry Machinery, Except Metalworking > Woodworking Machinery
3554 > Manufacturing > Industrial And Commercial Machinery And Computer Equipment > Special Industry Machinery, Except Metalworking > Paper Industries Machinery
3555 > Manufacturing > Industrial And Commercial Machinery And Computer Equipment > Special Industry Machinery, Except Metalworking > Printing Trades Machinery and Equipment
3556 > Manufacturing > Industrial And Commercial Machinery And Computer Equipment > Special Industry Machinery, Except Metalworking > Food Products Machinery
3559 > Manufacturing > Industrial And Commercial Machinery And Computer Equipment > Special Industry Machinery, Except Metalworking > Special Industry Machinery, Not Elsewhere Classified
3561 > Manufacturing > Industrial And Commercial Machinery And Computer Equipment > General Industrial Machinery And Equipment > Pumps and Pumping Equipment
3562 > Manufacturing > Industrial And Commercial Machinery And Computer Equipment > General Industrial Machinery And Equipment > Ball and Roller Bearings
3563 > Manufacturing > Industrial And Commercial Machinery And Computer Equipment > General Industrial Machinery And Equipment > Air and Gas Compressors
3564 > Manufacturing > Industrial And Commercial Machinery And Computer Equipment > General Industrial Machinery And Equipment > Industrial and Commercial Fans and Blowers and Air Purification Equipment

3565 > Manufacturing > Industrial And Commercial Machinery And Computer Equipment > General Industrial Machinery And Equipment > Packaging Machinery

3566 > Manufacturing > Industrial And Commercial Machinery And Computer Equipment > General Industrial Machinery And Equipment > Speed Changers, Industrial High-Speed Drives, and Gears

3567 > Manufacturing > Industrial And Commercial Machinery And Computer Equipment > General Industrial Machinery And Equipment > Industrial Process Furnaces and Ovens

3568 > Manufacturing > Industrial And Commercial Machinery And Computer Equipment > General Industrial Machinery And Equipment > Mechanical Power Transmission Equipment, Not Elsewhere Classified

3569 > Manufacturing > Industrial And Commercial Machinery And Computer Equipment > General Industrial Machinery And Equipment > General Industrial Machinery and Equipment, Not Elsewhere

3571 > Manufacturing > Industrial And Commercial Machinery And Computer Equipment > Computer And Office Equipment > Electronic Computers

3572 > Manufacturing > Industrial And Commercial Machinery And Computer Equipment > Computer And Office Equipment > Computer Storage Devices

3575 > Manufacturing > Industrial And Commercial Machinery And Computer Equipment > Computer And Office Equipment > Computer Terminals

3576 > Manufacturing > Industrial And Commercial Machinery And Computer Equipment > Computer And Office Equipment > Computer Communications Equipment (SEC)

3577 > Manufacturing > Industrial And Commercial Machinery And Computer Equipment > Computer And Office Equipment > Computer Peripheral Equipment, Not Elsewhere Classified

3578 > Manufacturing > Industrial And Commercial Machinery And Computer Equipment > Computer And Office Equipment > Calculating and Accounting Machines, Except Electronic Computers

3579 > Manufacturing > Industrial And Commercial Machinery And Computer Equipment > Computer And Office Equipment > Office Machines, Not Elsewhere Classified

3581 > Manufacturing > Industrial And Commercial Machinery And Computer Equipment > Refrigeration And Service Industry Machinery > Automatic Vending Machines

3582 > Manufacturing > Industrial And Commercial Machinery And Computer Equipment > Refrigeration And Service Industry Machinery > Commercial Laundry, Drycleaning, and Pressing Machines

3585 > Manufacturing > Industrial And Commercial Machinery And Computer Equipment > Refrigeration And Service Industry Machinery > Air-Conditioning and Warm Air Heating Equipment and Commercial and Industrial Refrigeration Equipment

3586 > Manufacturing > Industrial And Commercial Machinery And Computer Equipment > Refrigeration And Service Industry Machinery > Measuring and Dispensing Pumps

3589 > Manufacturing > Industrial And Commercial Machinery And Computer Equipment > Refrigeration And Service Industry Machinery > Service Industry Machinery, Not Elsewhere Classified

3592 > Manufacturing > Industrial And Commercial Machinery And Computer Equipment > Miscellaneous Industrial And Commercial > Carburetors, Pistons, Piston Rings, and Valves

3593 > Manufacturing > Industrial And Commercial Machinery And Computer Equipment > Miscellaneous Industrial And Commercial > Fluid Power Cylinders and Actuators

3594 > Manufacturing > Industrial And Commercial Machinery And Computer Equipment > Miscellaneous Industrial And Commercial > Fluid Power Pumps and Motors

3596 > Manufacturing > Industrial And Commercial Machinery And Computer Equipment > Miscellaneous Industrial And Commercial > Scales and Balances, Except Laboratory

3599 > Manufacturing > Industrial And Commercial Machinery And Computer Equipment > Miscellaneous Industrial And Commercial > Industrial and Commercial Machinery and Equipment, Not Elsewhere Classified

3612 > Manufacturing > Electronic And Other Electrical Equipment And Components, Except Computer Equipment > Electric Transmission And Distribution Equipment > Power, Distribution, and Specialty Transformers

3613 > Manufacturing > Electronic And Other Electrical Equipment And Components, Except Computer Equipment > Electric Transmission And Distribution Equipment > Switchgear and Switchboard Apparatus

3621 > Manufacturing > Electronic And Other Electrical Equipment And Components, Except Computer Equipment > Electrical Industrial Apparatus > Motors and Generators

3624 > Manufacturing > Electronic And Other Electrical Equipment And Components, Except Computer Equipment > Electrical Industrial Apparatus > Carbon and Graphite Products

3625 > Manufacturing > Electronic And Other Electrical Equipment And Components, Except Computer Equipment > Electrical Industrial Apparatus > Relays and Industrial Controls

3629 > Manufacturing > Electronic And Other Electrical Equipment And Components, Except Computer Equipment > Electrical Industrial Apparatus > Electrical Industrial Apparatus, Not Elsewhere Classified

3631 > Manufacturing > Electronic And Other Electrical Equipment And Components, Except Computer Equipment > Household Appliances > Household Cooking Equipment

3632 > Manufacturing > Electronic And Other Electrical Equipment And Components, Except Computer Equipment > Household Appliances > Household Refrigerators and HOme and Farm Freezers

3633 > Manufacturing > Electronic And Other Electrical Equipment And Components, Except Computer Equipment > Household Appliances > Household Laundry Equipment

3634 > Manufacturing > Electronic And Other Electrical Equipment And Components, Except Computer Equipment > Household Appliances > Electric Housewares and Fans

3635 > Manufacturing > Electronic And Other Electrical Equipment And Components, Except Computer Equipment > Household Appliances > Household Vacuum Cleaners

3639 > Manufacturing > Electronic And Other Electrical Equipment And Components, Except Computer Equipment > Household Appliances > Household Appliances, Not Elsewhere Classified

3641 > Manufacturing > Electronic And Other Electrical Equipment And Components, Except Computer Equipment > Electric Lighting And Wiring Equipment > Electric Lamp Bulbs and Tubes

3643 > Manufacturing > Electronic And Other Electrical Equipment And Components, Except Computer Equipment > Electric Lighting And Wiring Equipment > Current-Carrying Wiring Devices

3644 > Manufacturing > Electronic And Other Electrical Equipment And Components, Except Computer Equipment > Electric Lighting And Wiring Equipment > Noncurrent-Carrying Wiring Devices

3645 > Manufacturing > Electronic And Other Electrical Equipment And Components, Except Computer Equipment > Electric Lighting And Wiring Equipment > Residential Electric Lighting Fixtures

3646 > Manufacturing > Electronic And Other Electrical Equipment And Components, Except Computer Equipment > Electric Lighting And Wiring Equipment > Commercial, Industrial, and Institutional Electric Lighting Fixtures

3647 > Manufacturing > Electronic And Other Electrical Equipment And Components, Except Computer Equipment > Electric Lighting And Wiring Equipment > Vehicular Lighting Equipment

3648 > Manufacturing > Electronic And Other Electrical Equipment And Components, Except Computer Equipment > Electric Lighting And Wiring Equipment > Lighting Equipment, Not Elsewhere Classified

3651 > Manufacturing > Electronic And Other Electrical Equipment And Components, Except Computer Equipment > Household Audio And Video Equipment, And Audio > Household Audio and Video Equipment

3652 > Manufacturing > Electronic And Other Electrical Equipment And Components, Except Computer Equipment > Household Audio And Video Equipment, And Audio > Phonograph Records and Prerecorded Audio Tapes and Disks

3661 > Manufacturing > Electronic And Other Electrical Equipment And Components, Except Computer Equipment > Communications Equipment > Telephone and Telegraph Apparatus

3663 > Manufacturing > Electronic And Other Electrical Equipment And Components, Except Computer Equipment > Communications Equipment > Radio and Television Broadcasting and Communications Equipment

3669 > Manufacturing > Electronic And Other Electrical Equipment And Components, Except Computer Equipment > Communications Equipment > Communications Equipment, Not Elsewhere Classified

3671 > Manufacturing > Electronic And Other Electrical Equipment And Components, Except Computer Equipment > Electronic Components And Accessories > Electron Tubes

3672 > Manufacturing > Electronic And Other Electrical Equipment And Components, Except Computer Equipment > Electronic Components And Accessories > Printed Circuit Boards

3674 > Manufacturing > Electronic And Other Electrical Equipment And Components, Except Computer Equipment > Electronic Components And Accessories > Semiconductors and Related Devices

3675 > Manufacturing > Electronic And Other Electrical Equipment And Components, Except Computer Equipment > Electronic Components And Accessories > Electronic Capacitors

3676 > Manufacturing > Electronic And Other Electrical Equipment And Components, Except Computer Equipment > Electronic Components And Accessories > Electronic Resistors

3677 > Manufacturing > Electronic And Other Electrical Equipment And Components, Except Computer Equipment > Electronic Components And Accessories > Electronic Coils, Transformers, and Other Inductors

3678 > Manufacturing > Electronic And Other Electrical Equipment And Components, Except Computer Equipment > Electronic Components And Accessories > Electronic Connectors

3679 > Manufacturing > Electronic And Other Electrical Equipment And Components, Except Computer Equipment > Electronic Components And Accessories > Electronic Components, Not Elsewhere Classified

3691 > Manufacturing > Electronic And Other Electrical Equipment And Components, Except Computer Equipment > Miscellaneous Electrical Machinery, Equipment, and Supplies > Storage Batteries

3692 > Manufacturing > Electronic And Other Electrical Equipment And Components, Except Computer Equipment > Miscellaneous Electrical Machinery, Equipment, and Supplies > Primary Batteries, Dry and Wet

3694 > Manufacturing > Electronic And Other Electrical Equipment And Components, Except Computer Equipment > Miscellaneous Electrical Machinery, Equipment, and Supplies > Electrical Equipment for Internal Combustion Engines

3695 > Manufacturing > Electronic And Other Electrical Equipment And Components, Except Computer Equipment > Miscellaneous Electrical Machinery, Equipment, and Supplies > Magnetic And Optical Recording Media

3699 > Manufacturing > Electronic And Other Electrical Equipment And Components, Except Computer Equipment > Miscellaneous Electrical Machinery, Equipment, and Supplies > Electrical Machinery, Equipment, and Supplies, Not Elsewhere

3711 > Manufacturing > Transportation Equipment > Motor Vehicles And Motor Vehicle Equipment > Motor Vehicles and Passenger Car Bodies

3713 > Manufacturing > Transportation Equipment > Motor Vehicles And Motor Vehicle Equipment > Truck and Bus Bodies

3714 > Manufacturing > Transportation Equipment > Motor Vehicles And Motor Vehicle Equipment > Motor Vehicle Parts and Accessories

3715 > Manufacturing > Transportation Equipment > Motor Vehicles And Motor Vehicle Equipment > Truck Trailers

3716 > Manufacturing > Transportation Equipment > Motor Vehicles And Motor Vehicle Equipment > Motor Homes

3721 > Manufacturing > Transportation Equipment > Aircraft And Parts > Aircraft

3724 > Manufacturing > Transportation Equipment > Aircraft And Parts > Aircraft Engines and Engine Parts

3728 > Manufacturing > Transportation Equipment > Aircraft And Parts > Aircraft Parts and Auxiliary Equipment, Not Elsewhere Classified

3731 > Manufacturing > Transportation Equipment > Ship And Boat Building And Repairing > Ship Building and Repairing

3732 > Manufacturing > Transportation Equipment > Ship And Boat Building And Repairing > Boat Building and Repairing

3743 > Manufacturing > Transportation Equipment > Railroad Equipment > Railroad Equipment

3751 > Manufacturing > Transportation Equipment > Motorcycles, Bicycles, And Parts > Motorcycles, Bicycles, and Parts

3761 > Manufacturing > Transportation Equipment > Guided Missiles And Space Vehicles And Parts > Guided Missiles and Space Vehicles

3764 > Manufacturing > Transportation Equipment > Guided Missiles And Space Vehicles And Parts > Guided Missile and Space Vehicle Propulsion Units and Propulsion Unit Parts

3769 > Manufacturing > Transportation Equipment > Guided Missiles And Space Vehicles And Parts > Guided Missile Space Vehicle Parts and Auxiliary Equipment, Not Elsewhere Classified

3792 > Manufacturing > Transportation Equipment > Miscellaneous Transportation Equipment > Travel Trailers and Campers

3795 > Manufacturing > Transportation Equipment > Miscellaneous Transportation Equipment > Tanks and Tank Components

3799 > Manufacturing > Transportation Equipment > Miscellaneous Transportation Equipment > Transportation Equipment, Not Elsewhere Classified

3812 > Manufacturing > Measuring, Analyzing, And Controlling Instruments; Photographic, Medical And Optical Goods; Watches And Clocks > Search, Detection, Navigation, Guidance, Aeronautical, and Nautical Systems, Instruments, and Equipment > Search, Detection, Navigation, Guidance, Aeronautical, and Nautical Systems and Instruments

3821 > Manufacturing > Measuring, Analyzing, And Controlling Instruments; Photographic, Medical And Optical Goods; Watches And Clocks > Laboratory Apparatus And Analytical, Optical, Measuring, and Controlling Instruments > Laboratory Apparatus and Furniture

3822 > Manufacturing > Measuring, Analyzing, And Controlling Instruments; Photographic, Medical And Optical Goods; Watches And Clocks > Laboratory Apparatus And Analytical, Optical, Measuring, and Controlling Instruments > Automatic Controls for Regulating Residential and Commercial Environments and Appliances

3823 > Manufacturing > Measuring, Analyzing, And Controlling Instruments; Photographic, Medical And Optical Goods; Watches And Clocks > Laboratory Apparatus And Analytical, Optical, Measuring, and Controlling Instruments > Industrial Instruments for Measurement, Display, and Control of Process Variables; and Related Products

3824 > Manufacturing > Measuring, Analyzing, And Controlling Instruments; Photographic, Medical And Optical Goods; Watches And Clocks > Laboratory Apparatus And Analytical, Optical, Measuring, and Controlling Instruments > Totalizing Fluid Meters and Counting Devices

3825 > Manufacturing > Measuring, Analyzing, And Controlling Instruments; Photographic, Medical And Optical Goods; Watches And Clocks > Laboratory Apparatus And Analytical, Optical, Measuring, and Controlling Instruments > Instruments for Measuring and Testing of Electricity and Electrical Signals

3826 > Manufacturing > Measuring, Analyzing, And Controlling Instruments; Photographic, Medical And Optical Goods; Watches And Clocks > Laboratory Apparatus And Analytical, Optical, Measuring, and Controlling Instruments > Laboratory Analytical Instruments

3827 > Manufacturing > Measuring, Analyzing, And Controlling Instruments; Photographic, Medical And Optical Goods; Watches And Clocks > Laboratory Apparatus And Analytical, Optical, Measuring, and Controlling Instruments > Optical Instruments and Lenses

3829 > Manufacturing > Measuring, Analyzing, And Controlling Instruments; Photographic, Medical And Optical Goods; Watches And Clocks > Laboratory Apparatus And Analytical, Optical, Measuring, and Controlling Instruments > Measuring and Controlling Devices, Not Elsewhere Classified

3841 > Manufacturing > Measuring, Analyzing, And Controlling Instruments; Photographic, Medical And Optical Goods; Watches And Clocks > Surgical, Medical, And Dental Instruments And Supplies > Surgical and Medical Instruments and Apparatus

3842 > Manufacturing > Measuring, Analyzing, And Controlling Instruments; Photographic, Medical And Optical Goods; Watches And Clocks > Surgical, Medical, And Dental Instruments And Supplies > Orthopedic, Prosthetic, and Surgical Appliances and Supplies

3843 > Manufacturing > Measuring, Analyzing, And Controlling Instruments; Photographic, Medical And Optical Goods; Watches And Clocks > Surgical, Medical, And Dental Instruments And Supplies > Dental Equipment and Supplies

3844 > Manufacturing > Measuring, Analyzing, And Controlling Instruments; Photographic, Medical And Optical Goods; Watches And Clocks > Surgical, Medical, And Dental Instruments And Supplies > X-Ray Apparatus and Tubes and Related Irradiation Apparatus

3845 > Manufacturing > Measuring, Analyzing, And Controlling Instruments; Photographic, Medical And Optical Goods; Watches And Clocks > Surgical, Medical, And Dental Instruments And Supplies > Electromedical and Electrotherapeutic Apparatus

3851 > Manufacturing > Measuring, Analyzing, And Controlling Instruments; Photographic, Medical And Optical Goods; Watches And Clocks > Ophthalmic Goods > Ophthalmic Goods

3861 > Manufacturing > Measuring, Analyzing, And Controlling Instruments; Photographic, Medical And Optical Goods; Watches And Clocks > Photographic Equipment And Supplies > Photographic Equipment and Supplies

3873 > Manufacturing > Measuring, Analyzing, And Controlling Instruments; Photographic, Medical And Optical Goods; Watches And Clocks > Watches, Clocks, Clockwork Operated Devices, and Parts > Watches, Clocks, Clockwork Operated Devices, and Parts

3911 > Manufacturing > Miscellaneous Manufacturing Industries > Jewelry, Silverware, And Plated Ware > Jewelry, Precious Metal

3914 > Manufacturing > Miscellaneous Manufacturing Industries > Jewelry, Silverware, And Plated Ware > Silverware, Plated Ware, and Stainless Steel Ware

3915 > Manufacturing > Miscellaneous Manufacturing Industries > Jewelry, Silverware, And Plated Ware > Jewelers' Findings and Materials, and Lapidary Work

3931 > Manufacturing > Miscellaneous Manufacturing Industries > Musical Instruments > Musical Instruments

3942 > Manufacturing > Miscellaneous Manufacturing Industries > Dolls, Toys, Games And Sporting And Athletic > Dolls and Stuffed Toys

3944 > Manufacturing > Miscellaneous Manufacturing Industries > Dolls, Toys, Games And Sporting And Athletic > Games, Toys, and Children's Vehicles, Except Dolls and Bicycles

3949 > Manufacturing > Miscellaneous Manufacturing Industries > Dolls, Toys, Games And Sporting And Athletic > Sporting and Athletic Goods, Not Elsewhere Classified

3951 > Manufacturing > Miscellaneous Manufacturing Industries > Pens, Pencils, And Other Artists Materials > Pens, Mechanical Pencils, and Parts

3952 > Manufacturing > Miscellaneous Manufacturing Industries > Pens, Pencils, And Other Artists Materials > Lead Pencils, Crayons, and Artists' Materials

3953 > Manufacturing > Miscellaneous Manufacturing Industries > Pens, Pencils, And Other Artists Materials > Marking Devices

3955 > Manufacturing > Miscellaneous Manufacturing Industries > Pens, Pencils, And Other Artists Materials > Carbon Paper and Inked Ribbons

3961 > Manufacturing > Miscellaneous Manufacturing Industries > Costume Jewelry, Costume Novelties, Buttons, And Miscellaneous Notions, Ecept Precious Metal > Costume Jewelry and Costume Novelties, Except Precious Metal

3965 > Manufacturing > Miscellaneous Manufacturing Industries > Costume Jewelry, Costume Novelties, Buttons, And Miscellaneous Notions, Ecept Precious Metal > Fasteners, Buttons, Needles, and Pins

3991 > Manufacturing > Miscellaneous Manufacturing Industries > Miscellaneous Manufacturing Industries > Brooms and Brushes

3993 > Manufacturing > Miscellaneous Manufacturing Industries > Miscellaneous Manufacturing Industries > Signs and Advertising Specialties

3995 > Manufacturing > Miscellaneous Manufacturing Industries > Miscellaneous Manufacturing Industries > Burial Caskets

3996 > Manufacturing > Miscellaneous Manufacturing Industries > Miscellaneous Manufacturing Industries > Linoleum, Asphalted-Felt-Base, and Other Hard Surface Floor Coverings, Not Elsewhere Classified

3999 > Manufacturing > Miscellaneous Manufacturing Industries > Miscellaneous Manufacturing Industries > Manufacturing Industries, Not Elsewhere Classified

4011 > Transportation, Communications, Electric, Gas, And Sanitary Services > Railroad Transportation > Railroads > Railroads, Line-Haul Operating

4013 > Transportation, Communications, Electric, Gas, And Sanitary Services > Railroad Transportation > Railroads > Railroad Switching and Terminal Establishments

4111 > Transportation, Communications, Electric, Gas, And Sanitary Services > Local And Suburban Transit And Interurban Highway Passenger Transportation > Local And Suburban Passenger Transportation > Local and Suburban Transit

4119 > Transportation, Communications, Electric, Gas, And Sanitary Services > Local And Suburban Transit And Interurban Highway Passenger Transportation > Local And Suburban Passenger Transportation > Local Passenger Transportation, Not Elsewhere Classified

4121 > Transportation, Communications, Electric, Gas, And Sanitary Services > Local And Suburban Transit And Interurban Highway Passenger Transportation > Taxicabs > Taxicabs

4131 > Transportation, Communications, Electric, Gas, And Sanitary Services > Local And Suburban Transit And Interurban Highway Passenger Transportation > Intercity And Rural Bus Transportation > Intercity and Rural Bus Transportation

4141 > Transportation, Communications, Electric, Gas, And Sanitary Services > Local And Suburban Transit And Interurban Highway Passenger Transportation > Bus Charter Service > Local Bus Charter Service

4142 > Transportation, Communications, Electric, Gas, And Sanitary Services > Local And Suburban Transit And Interurban Highway Passenger Transportation > Bus Charter Service > Bus Charter Service, Except Local

4151 > Transportation, Communications, Electric, Gas, And Sanitary Services > Local And Suburban Transit And Interurban Highway Passenger Transportation > School Buses > School Buses

4173 > Transportation, Communications, Electric, Gas, And Sanitary Services > Local And Suburban Transit And Interurban Highway Passenger Transportation > Terminal And Service Facilities For Motor Vehicle > Terminal and Service Facilities for Motor Vehicle Passenger Transportation

4212 > Transportation, Communications, Electric, Gas, And Sanitary Services > Motor Freight Transportation And Warehousing > Trucking And Courier Services, Except Air > Local Trucking Without Storage

4213 > Transportation, Communications, Electric, Gas, And Sanitary Services > Motor Freight Transportation And Warehousing > Trucking And Courier Services, Except Air > Trucking, Except Local

4214 > Transportation, Communications, Electric, Gas, And Sanitary Services > Motor Freight Transportation And Warehousing > Trucking And Courier Services, Except Air > Local Trucking With Storage

4215 > Transportation, Communications, Electric, Gas, And Sanitary Services > Motor Freight Transportation And Warehousing > Trucking And Courier Services, Except Air > Courier Services, Except by Air

4221 > Transportation, Communications, Electric, Gas, And Sanitary Services > Motor Freight Transportation And Warehousing > Public Warehousing And Storage > Farm Product Warehousing and Storage

4222 > Transportation, Communications, Electric, Gas, And Sanitary Services > Motor Freight Transportation And Warehousing > Public Warehousing And Storage > Refrigerated Warehousing and Storage

4225 > Transportation, Communications, Electric, Gas, And Sanitary Services > Motor Freight Transportation And Warehousing > Public Warehousing And Storage > General Warehousing and Storage

4226 > Transportation, Communications, Electric, Gas, And Sanitary Services > Motor Freight Transportation And Warehousing > Public Warehousing And Storage > Special Warehousing and Storage, Not Elsewhere Classified

4231 > Transportation, Communications, Electric, Gas, And Sanitary Services > Motor Freight Transportation And Warehousing > Terminal And Joint Terminal Maintenance > Terminal and Joint Terminal Maintenance Facilities for Motor Freight Transportation

4311 > Transportation, Communications, Electric, Gas, And Sanitary Services > United States Postal Service > United States Postal Service > United States Postal Service

4412 > Transportation, Communications, Electric, Gas, And Sanitary Services > Water Transportation > Deep Sea Foreign Transportation Of Freight > Deep Sea Foreign Transportation of Freight

4424 > Transportation, Communications, Electric, Gas, And Sanitary Services > Water Transportation > Deep Sea Domestic Transportation Of Freight > Deep Sea Domestic Transportation of Freight

4432 > Transportation, Communications, Electric, Gas, And Sanitary Services > Water Transportation > Freight Transportation On The Great Lakes-st. > Freight Transportation on the Great Lakes-St. Lawrence Seaway

4449 > Transportation, Communications, Electric, Gas, And Sanitary Services > Water Transportation > Water Transportation Of Freight, Not Elsewhere > Water Transportation of Freight, Not Elsewhere Classified

4481 > Transportation, Communications, Electric, Gas, And Sanitary Services > Water Transportation > Water Transportation Of Passengers > Deep Sea Transportation of Passengers, Except by Ferry

4482 > Transportation, Communications, Electric, Gas, And Sanitary Services > Water Transportation > Water Transportation Of Passengers > Ferries

4489 > Transportation, Communications, Electric, Gas, And Sanitary Services > Water Transportation > Water Transportation Of Passengers > Water Transportation of Passengers, Not Elsewhere Classified

4491 > Transportation, Communications, Electric, Gas, And Sanitary Services > Water Transportation > Services Incidental To Water Transportation > Marine Cargo Handling

4492 > Transportation, Communications, Electric, Gas, And Sanitary Services > Water Transportation > Services Incidental To Water Transportation > Towing and Tugboat Services

4493 > Transportation, Communications, Electric, Gas, And Sanitary Services > Water Transportation > Services Incidental To Water Transportation > Marinas

4499 > Transportation, Communications, Electric, Gas, And Sanitary Services > Water Transportation > Services Incidental To Water Transportation > Water Transportation Services, Not Elsewhere Classified

4512 > Transportation, Communications, Electric, Gas, And Sanitary Services > Transportation By Air > Air Transportation, Scheduled, And Air Courier > Air Transportation, Scheduled

4513 > Transportation, Communications, Electric, Gas, And Sanitary Services > Transportation By Air > Air Transportation, Scheduled, And Air Courier > Air Courier Services

4522 > Transportation, Communications, Electric, Gas, And Sanitary Services > Transportation By Air > Air Transportation, Nonscheduled > Air Transportation, Nonscheduled

4581 > Transportation, Communications, Electric, Gas, And Sanitary Services > Transportation By Air > Airports, Flying Fields, And Airport Terminal > Airports, Flying Fields, and Airport Terminal Services

4612 > Transportation, Communications, Electric, Gas, And Sanitary Services > Pipelines, Except Natural Gas > Pipelines, Except Natural Gas > Crude Petroleum Pipelines

4613 > Transportation, Communications, Electric, Gas, And Sanitary Services > Pipelines, Except Natural Gas > Pipelines, Except Natural Gas > Refined Petroleum Pipelines

4619 > Transportation, Communications, Electric, Gas, And Sanitary Services > Pipelines, Except Natural Gas > Pipelines, Except Natural Gas > Pipelines, Not Elsewhere Classified

4724 > Transportation, Communications, Electric, Gas, And Sanitary Services > Transportation Services > Arrangement Of Passenger Transportation > Travel Agencies

4725 > Transportation, Communications, Electric, Gas, And Sanitary Services > Transportation Services > Arrangement Of Passenger Transportation > Tour Operators

4729 > Transportation, Communications, Electric, Gas, And Sanitary Services > Transportation Services > Arrangement Of Passenger Transportation > Arrangement of Passenger Transportation, Not Elsewhere Classified

4731 > Transportation, Communications, Electric, Gas, And Sanitary Services > Transportation Services > Arrangement Of Transportation Of Freight And Cargo > Arrangement of Transportation of Freight and Cargo

4741 > Transportation, Communications, Electric, Gas, And Sanitary Services > Transportation Services > Rental Of Railroad Cars > Rental of Railroad Cars

4783 > Transportation, Communications, Electric, Gas, And Sanitary Services > Transportation Services > Miscellaneous Services Incidental To Transportation > Packing and Crating

4785 > Transportation, Communications, Electric, Gas, And Sanitary Services > Transportation Services > Miscellaneous Services Incidental To Transportation > Fixed Facilities and Inspection and Weighing Services for Motor Vehicle Transportation

4789 > Transportation, Communications, Electric, Gas, And Sanitary Services > Transportation Services > Miscellaneous Services Incidental To Transportation > Transportation Services, Not Elsewhere Classified

4812 > Transportation, Communications, Electric, Gas, And Sanitary Services > Communications > Telephone Communications > Radiotelephone Communications

4813 > Transportation, Communications, Electric, Gas, And Sanitary Services > Communications > Telephone Communications > Telephone Communications, Except Radiotelephone

4822 > Transportation, Communications, Electric, Gas, And Sanitary Services > Communications > Telegraph And Other Message Communications > Telegraph and Other Message Communications

4832 > Transportation, Communications, Electric, Gas, And Sanitary Services > Communications > Radio And Television Broadcasting Stations > Radio Broadcasting Stations

4833 > Transportation, Communications, Electric, Gas, And Sanitary Services > Communications > Radio And Television Broadcasting Stations > Television Broadcasting Stations

4841 > Transportation, Communications, Electric, Gas, And Sanitary Services > Communications > Cable And Other Pay Television Services > Cable and Other Pay Television Services

4899 > Transportation, Communications, Electric, Gas, And Sanitary Services > Communications > Communications Services, Not Elsewhere > Communications Services, Not Elsewhere Classified

4911 > Transportation, Communications, Electric, Gas, And Sanitary Services > Electric, Gas, And Sanitary Services > Electric Services > Electric Services

4922 > Transportation, Communications, Electric, Gas, And Sanitary Services > Electric, Gas, And Sanitary Services > Gas Production And Distribution > Natural Gas Transmission

4923 > Transportation, Communications, Electric, Gas, And Sanitary Services > Electric, Gas, And Sanitary Services > Gas Production And Distribution > Natural Gas Transmission and Distribution

4924 > Transportation, Communications, Electric, Gas, And Sanitary Services > Electric, Gas, And Sanitary Services > Gas Production And Distribution > Natural Gas Distribution

4925 > Transportation, Communications, Electric, Gas, And Sanitary Services > Electric, Gas, And Sanitary Services > Gas Production And Distribution > Mixed, Manufactured, or Liquefied Petroleum Gas Production and/or

4931 > Transportation, Communications, Electric, Gas, And Sanitary Services > Electric, Gas, And Sanitary Services > Combination Electric And Gas, And Other Utility > Electric and Other Services Combined

4932 > Transportation, Communications, Electric, Gas, And Sanitary Services > Electric, Gas, And Sanitary Services > Combination Electric And Gas, And Other Utility > Gas and Other Services Combined

4939 > Transportation, Communications, Electric, Gas, And Sanitary Services > Electric, Gas, And Sanitary Services > Combination Electric And Gas, And Other Utility > Combination Utilities, Not Elsewhere Classified

4941 > Transportation, Communications, Electric, Gas, And Sanitary Services > Electric, Gas, And Sanitary Services > Water Supply > Water Supply

4952 > Transportation, Communications, Electric, Gas, And Sanitary Services > Electric, Gas, And Sanitary Services > Sanitary Services > Sewerage Systems

4953 > Transportation, Communications, Electric, Gas, And Sanitary Services > Electric, Gas, And Sanitary Services > Sanitary Services > Refuse Systems

4955 > Transportation, Communications, Electric, Gas, And Sanitary Services > Electric, Gas, And Sanitary Services > Sanitary Services > Hazardous Waste Management (SEC)

4959 > Transportation, Communications, Electric, Gas, And Sanitary Services > Electric, Gas, And Sanitary Services > Sanitary Services > Sanitary Services, Not Elsewhere Classified

4961 > Transportation, Communications, Electric, Gas, And Sanitary Services > Electric, Gas, And Sanitary Services > Steam And Air-conditioning Supply > Steam and Air-Conditioning Supply

4971 > Transportation, Communications, Electric, Gas, And Sanitary Services > Electric, Gas, And Sanitary Services > Irrigation Systems > Irrigation Systems

4991 > Transportation, Communications, Electric, Gas, And Sanitary Services > Electric, Gas, And Sanitary Services > Cogeneration Services and Small Power Producers > Cogeneration Services and Small Power Producers (SEC)

5012 > Wholesale Trade > Wholesale Trade-durable Goods > Motor Vehicles And Motor Vehicle Parts And Supplies > Automobiles and Other Motor Vehicles

5013 > Wholesale Trade > Wholesale Trade-durable Goods > Motor Vehicles And Motor Vehicle Parts And Supplies > Motor Vehicle Supplies and New Parts

5014 > Wholesale Trade > Wholesale Trade-durable Goods > Motor Vehicles And Motor Vehicle Parts And Supplies > Tires and Tubes

5015 > Wholesale Trade > Wholesale Trade-durable Goods > Motor Vehicles And Motor Vehicle Parts And Supplies > Motor Vehicle Parts, Used

5021 > Wholesale Trade > Wholesale Trade-durable Goods > Furniture And Home Furnishings > Furniture

5023 > Wholesale Trade > Wholesale Trade-durable Goods > Furniture And Home Furnishings > Home furnishings

5031 > Wholesale Trade > Wholesale Trade-durable Goods > Lumber And Other Construction Materials > Lumber, Plywood, Millwork, and Wood Panels

5032 > Wholesale Trade > Wholesale Trade-durable Goods > Lumber And Other Construction Materials > Brick, Stone, and Related Construction Materials

5033 > Wholesale Trade > Wholesale Trade-durable Goods > Lumber And Other Construction Materials > Roofing, Siding, and Insulation Materials

5039 > Wholesale Trade > Wholesale Trade-durable Goods > Lumber And Other Construction Materials > Construction Materials, Not Elsewhere Classified

5043 > Wholesale Trade > Wholesale Trade-durable Goods > Professional And Commercial Equipment And Supplies > Photographic Equipment and Supplies

5044 > Wholesale Trade > Wholesale Trade-durable Goods > Professional And Commercial Equipment And Supplies > Office Equipment

5045 > Wholesale Trade > Wholesale Trade-durable Goods > Professional And Commercial Equipment And Supplies > Computers and Computer Peripheral Equipment and Software

5046 > Wholesale Trade > Wholesale Trade-durable Goods > Professional And Commercial Equipment And Supplies > Commercial Equipment, Not Elsewhere Classified

5047 > Wholesale Trade > Wholesale Trade-durable Goods > Professional And Commercial Equipment And Supplies > Medical, Dental, and Hospital Equipment and Supplies

5048 > Wholesale Trade > Wholesale Trade-durable Goods > Professional And Commercial Equipment And Supplies > Ophthalmic Goods

5049 > Wholesale Trade > Wholesale Trade-durable Goods > Professional And Commercial Equipment And Supplies > Professional Equipment and Supplies, Not Elsewhere Classified

5051 > Wholesale Trade > Wholesale Trade-durable Goods > Metals And Minerals, Except Petroleum > Metals Service Centers and Offices

5052 > Wholesale Trade > Wholesale Trade-durable Goods > Metals And Minerals, Except Petroleum > Coal and Other Minerals and Ores

5063 > Wholesale Trade > Wholesale Trade-durable Goods > Electrical Goods > Electrical Apparatus and Equipment Wiring Supplies, and Construction Materials

5064 > Wholesale Trade > Wholesale Trade-durable Goods > Electrical Goods > Electrical Appliances, Television and Radio Sets

5065 > Wholesale Trade > Wholesale Trade-durable Goods > Electrical Goods > Electronic Parts and Equipment, Not Elsewhere Classified

5072 > Wholesale Trade > Wholesale Trade-durable Goods > Hardware, And Plumbing And Heating Equipment > Hardware

5074 > Wholesale Trade > Wholesale Trade-durable Goods > Hardware, And Plumbing And Heating Equipment > Plumbing and Heating Equipment and Supplies (Hydronics)

5075 > Wholesale Trade > Wholesale Trade-durable Goods > Hardware, And Plumbing And Heating Equipment > Warm Air Heating and Air-Conditioning Equipment and Supplies

5078 > Wholesale Trade > Wholesale Trade-durable Goods > Hardware, And Plumbing And Heating Equipment > Refrigeration Equipment and Supplies

5082 > Wholesale Trade > Wholesale Trade-durable Goods > Machinery, Equipment, And Supplies > Construction and Mining (Except Petroleum) Machinery and Equipment

5083 > Wholesale Trade > Wholesale Trade-durable Goods > Machinery, Equipment, And Supplies > Farm and Garden Machinery and Equipment

5084 > Wholesale Trade > Wholesale Trade-durable Goods > Machinery, Equipment, And Supplies > Industrial Machinery and Equipment

5085 > Wholesale Trade > Wholesale Trade-durable Goods > Machinery, Equipment, And Supplies > Industrial Supplies

5087 > Wholesale Trade > Wholesale Trade-durable Goods > Machinery, Equipment, And Supplies > Service Establishment Equipment and Supplies

5088 > Wholesale Trade > Wholesale Trade-durable Goods > Machinery, Equipment, And Supplies > Transportation Equipment and Supplies, Except Motor Vehicles

5091 > Wholesale Trade > Wholesale Trade-durable Goods > Miscellaneous Durable Goods > Sporting and Recreational Goods and Supplies

5092 > Wholesale Trade > Wholesale Trade-durable Goods > Miscellaneous Durable Goods > Toys and Hobby Goods and Supplies

5093 > Wholesale Trade > Wholesale Trade-durable Goods > Miscellaneous Durable Goods > Scrap and Waste Materials

5094 > Wholesale Trade > Wholesale Trade-durable Goods > Miscellaneous Durable Goods > Jewelry, Watches, Precious Stones, and Precious Metals

5099 > Wholesale Trade > Wholesale Trade-durable Goods > Miscellaneous Durable Goods > Durable Goods, Not Elsewhere Classified

5111 > Wholesale Trade > Wholesale Trade-non-durable Goods > Paper And Paper Products > Printing and Writing Paper

5112 > Wholesale Trade > Wholesale Trade-non-durable Goods > Paper And Paper Products > Stationery and Office Supplies

5113 > Wholesale Trade > Wholesale Trade-non-durable Goods > Paper And Paper Products > Industrial and Personal Service Paper

5122 > Wholesale Trade > Wholesale Trade-non-durable Goods > Drugs, Drug Proprietaries, And Druggists' Sundries > Drugs, Drug Proprietaries, and Druggists' Sundries

5131 > Wholesale Trade > Wholesale Trade-non-durable Goods > Apparel, Piece Goods, And Notions > Piece Goods, Notions, and Other Dry Good

5136 > Wholesale Trade > Wholesale Trade-non-durable Goods > Apparel, Piece Goods, And Notions > Men's and Boy's Clothing and Furnishings

5137 > Wholesale Trade > Wholesale Trade-non-durable Goods > Apparel, Piece Goods, And Notions > Women's, Children's, and Infants' Clothing and Accessories

5139 > Wholesale Trade > Wholesale Trade-non-durable Goods > Apparel, Piece Goods, And Notions > Footwear

5141 > Wholesale Trade > Wholesale Trade-non-durable Goods > Groceries And Related Products > Groceries, General Line

5142 > Wholesale Trade > Wholesale Trade-non-durable Goods > Groceries And Related Products > Packaged Frozen Foods

5143 > Wholesale Trade > Wholesale Trade-non-durable Goods > Groceries And Related Products > Dairy Products, Except Dried or Canned

5144 > Wholesale Trade > Wholesale Trade-non-durable Goods > Groceries And Related Products > Poultry and Poultry Products

5145 > Wholesale Trade > Wholesale Trade-non-durable Goods > Groceries And Related Products > Confectionery

5146 > Wholesale Trade > Wholesale Trade-non-durable Goods > Groceries And Related Products > Fish and Seafoods

5147 > Wholesale Trade > Wholesale Trade-non-durable Goods > Groceries And Related Products > Meats and Meat Products

5148 > Wholesale Trade > Wholesale Trade-non-durable Goods > Groceries And Related Products > Fresh Fruits and Vegetables

5149 > Wholesale Trade > Wholesale Trade-non-durable Goods > Groceries And Related Products > Groceries and Related Products, Not Elsewhere Classified

5153 > Wholesale Trade > Wholesale Trade-non-durable Goods > Farm-product Raw Materials > Grain and Field Beans

5154 > Wholesale Trade > Wholesale Trade-non-durable Goods > Farm-product Raw Materials > Livestock

5159 > Wholesale Trade > Wholesale Trade-non-durable Goods > Farm-product Raw Materials > Farm-Product Raw Materials, Not Elsewhere Classified

5162 > Wholesale Trade > Wholesale Trade-non-durable Goods > Chemicals And Allied Products > Plastics Materials and Basic Forms and Shapes

5169 > Wholesale Trade > Wholesale Trade-non-durable Goods > Chemicals And Allied Products > Chemicals and Allied Products, Not Elsewhere Classified

5171 > Wholesale Trade > Wholesale Trade-non-durable Goods > Petroleum And Petroleum Products > Petroleum Bulk stations and Terminals

5172 > Wholesale Trade > Wholesale Trade-non-durable Goods > Petroleum And Petroleum Products > Petroleum and Petroleum Products Wholesalers, Except Bulk Stations and Terminals

5181 > Wholesale Trade > Wholesale Trade-non-durable Goods > Beer, Wine, And Distilled Alcoholic Beverages > Beer and Ale

5182 > Wholesale Trade > Wholesale Trade-non-durable Goods > Beer, Wine, And Distilled Alcoholic Beverages > Wine and Distilled Alcoholic Beverages

5191 > Wholesale Trade > Wholesale Trade-non-durable Goods > Miscellaneous Non-durable Goods > Farm Supplies

5192 > Wholesale Trade > Wholesale Trade-non-durable Goods > Miscellaneous Non-durable Goods > Books, Periodicals, and Newspapers

5193 > Wholesale Trade > Wholesale Trade-non-durable Goods > Miscellaneous Non-durable Goods > Flowers, Nursery Stock, and Florists' Supplies

5194 > Wholesale Trade > Wholesale Trade-non-durable Goods > Miscellaneous Non-durable Goods > Tobacco and Tobacco Products

5198 > Wholesale Trade > Wholesale Trade-non-durable Goods > Miscellaneous Non-durable Goods > Paints, Varnishes, and Supplies

5199 > Wholesale Trade > Wholesale Trade-non-durable Goods > Miscellaneous Non-durable Goods > Nondurable Goods, Not Elsewhere Classified

5211 > Retail Trade > Building Materials, Hardware, Garden Supply, And Mobile Home Dealers > Lumber And Other Building Materials Dealers > Lumber and Other Building Materials Dealers

5231 > Retail Trade > Building Materials, Hardware, Garden Supply, And Mobile Home Dealers > Paint, Glass And Wallpaper Stores > Paint, Glass, and Wallpaper Stores

5251 > Retail Trade > Building Materials, Hardware, Garden Supply, And Mobile Home Dealers > Hardware Stores > Hardware Stores

5261 > Retail Trade > Building Materials, Hardware, Garden Supply, And Mobile Home Dealers > Retail Nurseries, Lawn And Garden Supply Stores > Retail Nurseries, Lawn and Garden Supply Stores

5271 > Retail Trade > Building Materials, Hardware, Garden Supply, And Mobile Home Dealers > Mobile Home Dealers > Mobile Home Dealers

5311 > Retail Trade > General Merchandise Stores > Department Stores > Department Stores

5331 > Retail Trade > General Merchandise Stores > Variety Stores > Variety Stores

5399 > Retail Trade > General Merchandise Stores > Miscellaneous General Merchandise Stores > Miscellaneous General Merchandise Stores

5411 > Retail Trade > Food Stores > Grocery Stores > Grocery Stores

5412 > Retail Trade > Food Stores > Grocery Stores > Convenience Stores (SEC)

5421 > Retail Trade > Food Stores > Meat And Fish (seafood) Markets, Including > Meat and Fish (Seafood) Markets, Including Freezer Provisioners

5431 > Retail Trade > Food Stores > Fruit And Vegetable Markets > Fruit and Vegetable Markets

5441 > Retail Trade > Food Stores > Candy, Nut, And Confectionery Stores > Candy, Nut, and Confectionery Stores

5451 > Retail Trade > Food Stores > Dairy Products Stores > Dairy Products Stores

5461 > Retail Trade > Food Stores > Retail Bakeries > Retail Bakeries

5499 > Retail Trade > Food Stores > Miscellaneous Food Stores > Miscellaneous Food Stores

5511 > Retail Trade > Automotive Dealers And Gasoline Service Stations > Motor Vehicle Dealers (new And Used) > Motor Vehicle Dealers (New and Used)

5521 > Retail Trade > Automotive Dealers And Gasoline Service Stations > Motor Vehicle Dealers (used Only) > Motor Vehicle Dealers (Used Only)

5531 > Retail Trade > Automotive Dealers And Gasoline Service Stations > Auto And Home Supply Stores > Auto and Home Supply Stores

5541 > Retail Trade > Automotive Dealers And Gasoline Service Stations > Gasoline Service Stations > Gasoline Service Stations

5551 > Retail Trade > Automotive Dealers And Gasoline Service Stations > Boat Dealers > Boat Dealers

5561 > Retail Trade > Automotive Dealers And Gasoline Service Stations > Recreational Vehicle Dealers > Recreational Vehicle Dealers

5571 > Retail Trade > Automotive Dealers And Gasoline Service Stations > Motorcycle Dealers > Motorcycle Dealers

5599 > Retail Trade > Automotive Dealers And Gasoline Service Stations > Automotive Dealers, Not Elsewhere Classified > Automotive Dealers, Not Elsewhere Classified

5611 > Retail Trade > Apparel And Accessory Stores > Men's And Boys' Clothing And Accessory Stores > Men's and Boys' Clothing and Accessory Stores

5621 > Retail Trade > Apparel And Accessory Stores > Women's Clothing Stores > Women's Clothing Stores

5632 > Retail Trade > Apparel And Accessory Stores > Women's Accessory And Specialty Stores > Women's Accessory and Specialty Stores

5641 > Retail Trade > Apparel And Accessory Stores > Children's And Infants' Wear Stores > Children's and Infants' Wear Stores

5651 > Retail Trade > Apparel And Accessory Stores > Family Clothing Stores > Family Clothing Stores

5661 > Retail Trade > Apparel And Accessory Stores > Shoe Stores > Shoe Stores

5699 > Retail Trade > Apparel And Accessory Stores > Miscellaneous Apparel And Accessory Stores > Miscellaneous Apparel and Accessory Stores

5712 > Retail Trade > Home Furniture, Furnishings, And Equipment Stores > Home Furniture And Furnishings Stores > Furniture Stores

5713 > Retail Trade > Home Furniture, Furnishings, And Equipment Stores > Home Furniture And Furnishings Stores > Floor Covering Stores

5714 > Retail Trade > Home Furniture, Furnishings, And Equipment Stores > Home Furniture And Furnishings Stores > Drapery, Curtain, and Upholstery Stores

5719 > Retail Trade > Home Furniture, Furnishings, And Equipment Stores > Home Furniture And Furnishings Stores > Miscellaneous home furnishings Stores

5722 > Retail Trade > Home Furniture, Furnishings, And Equipment Stores > Household Appliance Stores > Household Appliance Stores

5731 > Retail Trade > Home Furniture, Furnishings, And Equipment Stores > Radio, Television, Consumer Electronics, And Music Stores > Radio, Television, and Consumer Electronics Stores

5734 > Retail Trade > Home Furniture, Furnishings, And Equipment Stores > Radio, Television, Consumer Electronics, And Music Stores > Computer and Computer Software Stores

5735 > Retail Trade > Home Furniture, Furnishings, And Equipment Stores > Radio, Television, Consumer Electronics, And Music Stores > Record and Prerecorded Tape Stores
5736 > Retail Trade > Home Furniture, Furnishings, And Equipment Stores > Radio, Television, Consumer Electronics, And Music Stores > Musical Instrument Stores
5812 > Retail Trade > Eating And Drinking Places > Eating And Drinking Places > Eating Places
5813 > Retail Trade > Eating And Drinking Places > Eating And Drinking Places > Drinking Places (alcoholic Beverages)
5912 > Retail Trade > Miscellaneous Retail > Drug Stores And Proprietary Stores > Drug Stores and Proprietary Stores
5921 > Retail Trade > Miscellaneous Retail > Liquor Stores > Liquor Stores
5932 > Retail Trade > Miscellaneous Retail > Used Merchandise Stores > Used Merchandise Stores
5941 > Retail Trade > Miscellaneous Retail > Miscellaneous Shopping Goods Stores > Sporting Goods Stores and Bicycle Shops
5942 > Retail Trade > Miscellaneous Retail > Miscellaneous Shopping Goods Stores > Book Stores
5943 > Retail Trade > Miscellaneous Retail > Miscellaneous Shopping Goods Stores > Stationery Stores
5944 > Retail Trade > Miscellaneous Retail > Miscellaneous Shopping Goods Stores > Jewelry Stores
5945 > Retail Trade > Miscellaneous Retail > Miscellaneous Shopping Goods Stores > Hobby, Toy, and Game Shops
5946 > Retail Trade > Miscellaneous Retail > Miscellaneous Shopping Goods Stores > Camera and Photographic Supply Stores
5947 > Retail Trade > Miscellaneous Retail > Miscellaneous Shopping Goods Stores > Gift, Novelty, and Souvenir Shops
5948 > Retail Trade > Miscellaneous Retail > Miscellaneous Shopping Goods Stores > Luggage and Leather Goods Stores
5949 > Retail Trade > Miscellaneous Retail > Miscellaneous Shopping Goods Stores > Sewing, Needlework, and Piece Goods Stores
5961 > Retail Trade > Miscellaneous Retail > Nonstore Retailers > Catalog and Mail-Order Houses
5962 > Retail Trade > Miscellaneous Retail > Nonstore Retailers > Automatic Merchandising Machine Operators
5963 > Retail Trade > Miscellaneous Retail > Nonstore Retailers > Direct Selling Establishments
5983 > Retail Trade > Miscellaneous Retail > Fuel Dealers > Fuel Oil Dealers
5984 > Retail Trade > Miscellaneous Retail > Fuel Dealers > Liquefied Petroleum Gas (Bottled Gas) Dealers
5989 > Retail Trade > Miscellaneous Retail > Fuel Dealers > Fuel Dealers, Not Elsewhere Classified
5992 > Retail Trade > Miscellaneous Retail > Retail Stores, Not Elsewhere Classified > Florists
5993 > Retail Trade > Miscellaneous Retail > Retail Stores, Not Elsewhere Classified > Tobacco Stores and Stands
5994 > Retail Trade > Miscellaneous Retail > Retail Stores, Not Elsewhere Classified > News Dealers and Newsstands
5995 > Retail Trade > Miscellaneous Retail > Retail Stores, Not Elsewhere Classified > Optical Goods Stores
5999 > Retail Trade > Miscellaneous Retail > Retail Stores, Not Elsewhere Classified > Miscellaneous Retail Stores, Not Elsewhere Classified
6011 > Finance, Insurance, And Real Estate > Depository Institutions > Central Reserve Depository Institutions > Federal Reserve Banks
6019 > Finance, Insurance, And Real Estate > Depository Institutions > Central Reserve Depository Institutions > Central Reserve Depository Institutions, Not Elsewhere Classified

6021 > Finance, Insurance, And Real Estate > Depository Institutions > Commercial Banks > National Commercial Banks

6022 > Finance, Insurance, And Real Estate > Depository Institutions > Commercial Banks > State Commercial Banks

6025 > Finance, Insurance, And Real Estate > Depository Institutions > Commercial Banks > National Banks, Federal Reserve System (SEC)

6029 > Finance, Insurance, And Real Estate > Depository Institutions > Commercial Banks > Commercial Banks, Not Elsewhere Classified

6035 > Finance, Insurance, And Real Estate > Depository Institutions > Savings Institutions > Savings Institutions, Federally Chartered

6036 > Finance, Insurance, And Real Estate > Depository Institutions > Savings Institutions > Savings Institutions, Not Federally Chartered

6061 > Finance, Insurance, And Real Estate > Depository Institutions > Credit Unions > Credit Unions, Federally Chartered

6062 > Finance, Insurance, And Real Estate > Depository Institutions > Credit Unions > Credit Unions, Not Federally Chartered

6081 > Finance, Insurance, And Real Estate > Depository Institutions > Foreign Banking And Branches And Agencies Of > Branches and Agencies of Foreign Banks

6082 > Finance, Insurance, And Real Estate > Depository Institutions > Foreign Banking And Branches And Agencies Of > Foreign Trade and International Banking Institutions

6091 > Finance, Insurance, And Real Estate > Depository Institutions > Functions Related To Depository Banking > Non-deposit Trust Facilities,

6099 > Finance, Insurance, And Real Estate > Depository Institutions > Functions Related To Depository Banking > Functions Related to Depository Banking, Not Elsewhere Classified

6111 > Finance, Insurance, And Real Estate > Non-depository Credit Institutions > Federal And Federally-sponsored Credit Agencies > Federal and Federally-Sponsored Credit Agencies

6120 > Finance, Insurance, And Real Estate > Non-depository Credit Institutions > Savings and Loan Associations (SEC)

6141 > Finance, Insurance, And Real Estate > Non-depository Credit Institutions > Personal Credit Institutions > Personal Credit Institutions

6153 > Finance, Insurance, And Real Estate > Non-depository Credit Institutions > Business Credit Institutions > Short-Term Business Credit Institutions, Except Agricultural

6159 > Finance, Insurance, And Real Estate > Non-depository Credit Institutions > Business Credit Institutions > Miscellaneous business Credit Institutions

6162 > Finance, Insurance, And Real Estate > Non-depository Credit Institutions > Mortgage Bankers And Brokers > Mortgage Bankers and Loan Correspondents

6163 > Finance, Insurance, And Real Estate > Non-depository Credit Institutions > Mortgage Bankers And Brokers > Loan Brokers

6172 > Finance, Insurance, And Real Estate > Non-depository Credit Institutions > Finance Lessors > Finance Lessors (SEC)

6189 > Finance, Insurance, And Real Estate > Non-depository Credit Institutions > Asset-Backed Securities > Asset-Backed Securities (SEC)

6199 > Finance, Insurance, And Real Estate > Non-depository Credit Institutions > Finance Services > Finance Services (SEC)

6211 > Finance, Insurance, And Real Estate > Security And Commodity Brokers, Dealers, Exchanges, And Services > Security Brokers, Dealers, And Flotation > Security Brokers, Dealers, and Flotation Companies

6221 > Finance, Insurance, And Real Estate > Security And Commodity Brokers, Dealers, Exchanges, And Services > Commodity Contracts Brokers And Dealers > Commodity Contracts Brokers and Dealers

6231 > Finance, Insurance, And Real Estate > Security And Commodity Brokers, Dealers, Exchanges, And Services > Security And Commodity Exchanges > Security and Commodity Exchanges

6282 > Finance, Insurance, And Real Estate > Security And Commodity Brokers, Dealers, Exchanges, And Services > Services Allied With The Exchange Of Securities > Investment Advice

6289 > Finance, Insurance, And Real Estate > Security And Commodity Brokers, Dealers, Exchanges, And Services > Services Allied With The Exchange Of Securities > Services Allied With the Exchange of Securities or Commodities, Not Elsewhere Classified

6311 > Finance, Insurance, And Real Estate > Insurance Carriers > Life Insurance > Life Insurance

6321 > Finance, Insurance, And Real Estate > Insurance Carriers > Accident And Health Insurance And Medical > Accident and Health Insurance

6324 > Finance, Insurance, And Real Estate > Insurance Carriers > Accident And Health Insurance And Medical > Hospital and Medical Service Plans

6331 > Finance, Insurance, And Real Estate > Insurance Carriers > Fire, Marine, And Casualty Insurance > Fire, Marine, and Casualty Insurance

6351 > Finance, Insurance, And Real Estate > Insurance Carriers > Surety Insurance > Surety Insurance

6361 > Finance, Insurance, And Real Estate > Insurance Carriers > Title Insurance > Title Insurance

6371 > Finance, Insurance, And Real Estate > Insurance Carriers > Pension, Health, And Welfare Funds > Pension, Health, and Welfare Funds

6399 > Finance, Insurance, And Real Estate > Insurance Carriers > Insurance Carriers, Not Elsewhere Classified > Insurance Carriers, Not Elsewhere Classified

6411 > Finance, Insurance, And Real Estate > Insurance Agents, Brokers, And Service > Insurance Agents, Brokers, And Service > Insurance Agents, Brokers, and Service

6512 > Finance, Insurance, And Real Estate > Real Estate > Real Estate Operators (except Developers) And Lessors > Operators of Nonresidential Buildings

6513 > Finance, Insurance, And Real Estate > Real Estate > Real Estate Operators (except Developers) And Lessors > Operators or Apartment Buildings

6514 > Finance, Insurance, And Real Estate > Real Estate > Real Estate Operators (except Developers) And Lessors > Operators of Dwellings Other Than Apartment Buildings

6515 > Finance, Insurance, And Real Estate > Real Estate > Real Estate Operators (except Developers) And Lessors > Operators of Residential Mobile Home Sites

6517 > Finance, Insurance, And Real Estate > Real Estate > Real Estate Operators (except Developers) And Lessors > Lessors of Railroad Property

6519 > Finance, Insurance, And Real Estate > Real Estate > Real Estate Operators (except Developers) And Lessors > Lessors of Real Property, Not Elsewhere Classified

6531 > Finance, Insurance, And Real Estate > Real Estate > Real Estate Agents And Managers > Real Estate Agents and Managers

6532 > Finance, Insurance, And Real Estate > Real Estate > Real Estate Agents And Managers > Real Estate Dealers (For Their Own Account) (SEC)

6541 > Finance, Insurance, And Real Estate > Real Estate > Title Abstract Offices > Title Abstract Offices

6552 > Finance, Insurance, And Real Estate > Real Estate > Land Subdividers And Developers > Land Subdividers and Developers, Except Cemeteries

6553 > Finance, Insurance, And Real Estate > Real Estate > Land Subdividers And Developers > Cemetery Subdividers and Developers

6712 > Finance, Insurance, And Real Estate > Holding And Other Investment Offices > Holding Offices > Offices of Bank Holding Companies

6719 > Finance, Insurance, And Real Estate > Holding And Other Investment Offices > Holding Offices > Offices of Holding Companies, Not Elsewhere Classified

6722 > Finance, Insurance, And Real Estate > Holding And Other Investment Offices > Investment Offices > Management Investment Offices, Open-End

6726 > Finance, Insurance, And Real Estate > Holding And Other Investment Offices > Investment Offices > Unit Investment Trusts, Face-Amount Certificate Offices, and Closed-End Management Investment Offices

6732 > Finance, Insurance, And Real Estate > Holding And Other Investment Offices > Trusts > Educational, Religious, and Charitable Trusts

6733 > Finance, Insurance, And Real Estate > Holding And Other Investment Offices > Trusts > Trusts, Except Educational, Religious, and Charitable

6770 > Finance, Insurance, And Real Estate > Holding And Other Investment Offices > Blank Checks (SEC)

6792 > Finance, Insurance, And Real Estate > Holding And Other Investment Offices > Miscellaneous Investing > Oil Royalty Traders

6794 > Finance, Insurance, And Real Estate > Holding And Other Investment Offices > Miscellaneous Investing > Patent Owners and Lessors

6795 > Finance, Insurance, And Real Estate > Holding And Other Investment Offices > Miscellaneous Investing > Mineral Royalty Traders (SEC)

6798 > Finance, Insurance, And Real Estate > Holding And Other Investment Offices > Miscellaneous Investing > Real Estate Investment Trusts

6799 > Finance, Insurance, And Real Estate > Holding And Other Investment Offices > Miscellaneous Investing > Investors, Not Elsewhere Classified

7011 > Services > Hotels, Rooming Houses, Camps, And Other Lodging Places > Hotels And Motels > Hotels and Motels

7021 > Services > Hotels, Rooming Houses, Camps, And Other Lodging Places > Rooming And Boarding Houses > Rooming and Boarding Houses

7032 > Services > Hotels, Rooming Houses, Camps, And Other Lodging Places > Camps And Recreational Vehicle Parks > Sporting and Recreational Camps

7033 > Services > Hotels, Rooming Houses, Camps, And Other Lodging Places > Camps And Recreational Vehicle Parks > Recreational Vehicle Parks and Campsites

7041 > Services > Hotels, Rooming Houses, Camps, And Other Lodging Places > Organization Hotels And Lodging Houses, On > Organization Hotels and Lodging Houses, on Membership Basis

7211 > Services > Personal Services > Laundry, Cleaning, And Garment Services > Power Laundries, Family and Commercial

7212 > Services > Personal Services > Laundry, Cleaning, And Garment Services > Garment Pressing, and Agents for Laundries and Drycleaners

7213 > Services > Personal Services > Laundry, Cleaning, And Garment Services > Linen Supply

7215 > Services > Personal Services > Laundry, Cleaning, And Garment Services > Coin-Operated Laundries and Drycleaning

7216 > Services > Personal Services > Laundry, Cleaning, And Garment Services > Drycleaning Plants, Except Rug Cleaning

7217 > Services > Personal Services > Laundry, Cleaning, And Garment Services > Carpet and Upholstery Cleaning

7218 > Services > Personal Services > Laundry, Cleaning, And Garment Services > Industrial Launderers

7219 > Services > Personal Services > Laundry, Cleaning, And Garment Services > Laundry and Garment Services, Not Elsewhere Classified

7221 > Services > Personal Services > Photographic Studios, Portrait > Photographic Studios, Portrait

7231 > Services > Personal Services > Beauty Shops > Beauty Shops

7241 > Services > Personal Services > Barber Shops > Barber Shops

7251 > Services > Personal Services > Shoe Repair Shops And Shoeshine Parlors > Shoe Repair Shops and Shoeshine Parlors

7261 > Services > Personal Services > Funeral Service And Crematories > Funeral Service and Crematories

7291 > Services > Personal Services > Miscellaneous Personal Services > Tax Return Preparation Services

7299 > Services > Personal Services > Miscellaneous Personal Services > Miscellaneous Personal Services, Not Elsewhere Classified

7311 > Services > Business Services > Advertising > Advertising Agencies

7312 > Services > Business Services > Advertising > Outdoor Advertising Services

7313 > Services > Business Services > Advertising > Radio, Television, and Publishers' Advertising Representatives

7319 > Services > Business Services > Advertising > Advertising, Not Elsewhere Classified

7322 > Services > Business Services > Consumer Credit Reporting Agencies, Mercantile > Adjustment and Collection Services

7323 > Services > Business Services > Consumer Credit Reporting Agencies, Mercantile > Credit Reporting Services

7331 > Services > Business Services > Mailing, Reproduction, Commercial Art And Photography, and Stenographic Services > Direct Mail Advertising Services

7334 > Services > Business Services > Mailing, Reproduction, Commercial Art And Photography, and Stenographic Services > Photocopying and Duplicating Services

7335 > Services > Business Services > Mailing, Reproduction, Commercial Art And Photography, and Stenographic Services > Commercial Photography

7336 > Services > Business Services > Mailing, Reproduction, Commercial Art And Photography, and Stenographic Services > Commercial Art and Graphic Design

7338 > Services > Business Services > Mailing, Reproduction, Commercial Art And Photography, and Stenographic Services > Secretarial and Court Reporting Services

7342 > Services > Business Services > Services To Dwellings And Other Buildings > Disinfecting and Pest Control Services

7349 > Services > Business Services > Services To Dwellings And Other Buildings > Building Cleaning and Maintenance Services, Not Elsewhere

7352 > Services > Business Services > Miscellaneous Equipment Rental And Leasing > Medical Equipment Rental and Leasing

7353 > Services > Business Services > Miscellaneous Equipment Rental And Leasing > Heavy Construction Equipment Rental and Leasing

7359 > Services > Business Services > Miscellaneous Equipment Rental And Leasing > Equipment Rental and Leasing, Not Elsewhere Classified

7361 > Services > Business Services > Personnel Supply Services > Employment Agencies

7363 > Services > Business Services > Personnel Supply Services > Help Supply Services

7371 > Services > Business Services > Computer Programming, Data Processing, And Other Computer Related Services > Computer Programming Services

7372 > Services > Business Services > Computer Programming, Data Processing, And Other Computer Related Services > Prepackaged Software

7373 > Services > Business Services > Computer Programming, Data Processing, And Other Computer Related Services > Computer Integrated Systems Design

7374 > Services > Business Services > Computer Programming, Data Processing, And Other Computer Related Services > Computer Processing and Data Preparation and Processing Services

7375 > Services > Business Services > Computer Programming, Data Processing, And Other Computer Related Services > Information Retrieval Services

7376 > Services > Business Services > Computer Programming, Data Processing, And Other Computer Related Services > Computer Facilities Management Services

7377 > Services > Business Services > Computer Programming, Data Processing, And Other Computer Related Services > Computer Rental and Leasing

7378 > Services > Business Services > Computer Programming, Data Processing, And Other Computer Related Services > Computer Maintenance and Repair

7379 > Services > Business Services > Computer Programming, Data Processing, And Other Computer Related Services > Computer Related Services, Not Elsewhere Classified

7381 > Services > Business Services > Miscellaneous Business Services > Detective, Guard, and Armored Car Services

7382 > Services > Business Services > Miscellaneous Business Services > Security Systems Services

7383 > Services > Business Services > Miscellaneous Business Services > News Syndicates

7384 > Services > Business Services > Miscellaneous Business Services > Photofinishing Laboratories

7385 > Services > Business Services > Miscellaneous Business Services > Telephone Interconnect Systems (SEC)

7389 > Services > Business Services > Miscellaneous Business Services > Business Services, Not Elsewhere Classified

7513 > Services > Automotive Repair, Services, And Parking > Automotive Rental And Leasing, Without Drivers > Truck Rental and Leasing, Without Drivers

7514 > Services > Automotive Repair, Services, And Parking > Automotive Rental And Leasing, Without Drivers > Passenger Car Rental

7515 > Services > Automotive Repair, Services, And Parking > Automotive Rental And Leasing, Without Drivers > Passenger Car Leasing

7519 > Services > Automotive Repair, Services, And Parking > Automotive Rental And Leasing, Without Drivers > Utility Trailer and Recreational Vehicle Rental

7521 > Services > Automotive Repair, Services, And Parking > Automobile Parking > Automobile Parking

7532 > Services > Automotive Repair, Services, And Parking > Automotive Repair Shops > Top, Body, and Upholstery Repair Shops and Paint Shops

7533 > Services > Automotive Repair, Services, And Parking > Automotive Repair Shops > Automotive Exhaust System Repair Shops

7534 > Services > Automotive Repair, Services, And Parking > Automotive Repair Shops > Tire Retreading and Repair Shops

7536 > Services > Automotive Repair, Services, And Parking > Automotive Repair Shops > Automotive Glass Replacement Shops

7537 > Services > Automotive Repair, Services, And Parking > Automotive Repair Shops > Automotive Transmission Repair Shops

7538 > Services > Automotive Repair, Services, And Parking > Automotive Repair Shops > General Automotive Repair Shops

7539 > Services > Automotive Repair, Services, And Parking > Automotive Repair Shops > Automotive Repair Shops, Not Elsewhere Classified

7542 > Services > Automotive Repair, Services, And Parking > Automotive Services, Except Repair > Carwashes

7549 > Services > Automotive Repair, Services, And Parking > Automotive Services, Except Repair > Automotive Services, Except Repair and Carwashes

7622 > Services > Miscellaneous Repair Services > Electrical Repair Shops > Radio and Television Repair Shops

7623 > Services > Miscellaneous Repair Services > Electrical Repair Shops > Refrigeration and Air-Conditioning Service and Repair Shops

7629 > Services > Miscellaneous Repair Services > Electrical Repair Shops > Electrical and Electronic Repair Shops, Not Elsewhere Classified

7631 > Services > Miscellaneous Repair Services > Watch, Clock, And Jewelry Repair > Watch, Clock, and Jewelry Repair

7641 > Services > Miscellaneous Repair Services > Reupholstery And Furniture Repair > Reupholstery and Furniture Repair

7692 > Services > Miscellaneous Repair Services > Miscellaneous Repair Shops And Related Services > Welding Repair

7694 > Services > Miscellaneous Repair Services > Miscellaneous Repair Shops And Related Services > Armature Rewinding Shops

7699 > Services > Miscellaneous Repair Services > Miscellaneous Repair Shops And Related Services > Repair Shops and Related Services, Not Elsewhere Classified

7812 > Services > Motion Pictures > Motion Picture Production And Allied Services > Motion Picture and Video Tape Production

7819 > Services > Motion Pictures > Motion Picture Production And Allied Services > Services Allied to Motion Picture Production

7822 > Services > Motion Pictures > Motion Picture Distribution And Allied Services > Motion Picture and Video Tape Distribution

7829 > Services > Motion Pictures > Motion Picture Distribution And Allied Services > Services Allied to Motion Picture Distribution

7832 > Services > Motion Pictures > Motion Picture Theaters > Motion Picture Theaters, Except Drive-In

7833 > Services > Motion Pictures > Motion Picture Theaters > Drive-In Motion Picture Theaters

7841 > Services > Motion Pictures > Video Tape Rental > Video Tape Rental

7911 > Services > Amusement And Recreation Services > Dance Studios, Schools, And Halls > Dance Studios, Schools, and Halls

7922 > Services > Amusement And Recreation Services > Theatrical Producers (except Motion Picture), > Theatrical Producers (Except Motion Picture) and Miscellaneous Theatrical Services

7929 > Services > Amusement And Recreation Services > Theatrical Producers (except Motion Picture), > Bands, Orchestras, Actors, and Other Entertainers and Entertainment Groups

7933 > Services > Amusement And Recreation Services > Bowling Centers > Bowling Centers

7941 > Services > Amusement And Recreation Services > Commercial Sports > Professional Sports Clubs and Promoters

7948 > Services > Amusement And Recreation Services > Commercial Sports > Racing, Including Track Operation

7991 > Services > Amusement And Recreation Services > Miscellaneous Amusement And Recreation > Physical Fitness Facilities

7992 > Services > Amusement And Recreation Services > Miscellaneous Amusement And Recreation > Public Golf Courses

7993 > Services > Amusement And Recreation Services > Miscellaneous Amusement And Recreation > Coin-Operated Amusement Devices

7996 > Services > Amusement And Recreation Services > Miscellaneous Amusement And Recreation > Amusement Parks

7997 > Services > Amusement And Recreation Services > Miscellaneous Amusement And Recreation > Membership Sports and Recreation Clubs

7999 > Services > Amusement And Recreation Services > Miscellaneous Amusement And Recreation > Amusement and Recreation Services, Not Elsewhere Classified

8011 > Services > Health Services > Offices And Clinics Of Doctors Of Medicine > Offices and Clinics of Doctors of Medicine

8021 > Services > Health Services > Offices And Clinics Of Dentists > Offices and Clinics of Dentists

8031 > Services > Health Services > Offices And Clinics Of Doctors Of Osteopathy > Offices and Clinics of Doctors of Osteopathy

8041 > Services > Health Services > Offices And Clinics Of Other Health Practitioners > Offices and Clinics of Chiropractors

8042 > Services > Health Services > Offices And Clinics Of Other Health Practitioners > Offices and Clinics of Optometrists

8043 > Services > Health Services > Offices And Clinics Of Other Health Practitioners > Offices and Clinics of Podiatrists

8049 > Services > Health Services > Offices And Clinics Of Other Health Practitioners > Offices and Clinics of Health Practitioners, Not Elsewhere Classified

8051 > Services > Health Services > Nursing And Personal Care Facilities > Skilled Nursing Care Facilities

8052 > Services > Health Services > Nursing And Personal Care Facilities > Intermediate Care Facilities

8059 > Services > Health Services > Nursing And Personal Care Facilities > Nursing and Personal Care Facilities, Not Elsewhere Classified

8062 > Services > Health Services > Hospitals > General Medical and Surgical Hospitals

8063 > Services > Health Services > Hospitals > Psychiatric Hospitals

8069 > Services > Health Services > Hospitals > Specialty Hospitals, Except Psychiatric

8071 > Services > Health Services > Medical And Dental Laboratories > Medical Laboratories

8072 > Services > Health Services > Medical And Dental Laboratories > Dental Laboratories

8082 > Services > Health Services > Home Health Care Services > Home Health Care Services

8092 > Services > Health Services > Miscellaneous Health And Allied Services, Not > Kidney Dialysis Centers

8093 > Services > Health Services > Miscellaneous Health And Allied Services, Not > Specialty Outpatient Facilities, Not Elsewhere Classified

8099 > Services > Health Services > Miscellaneous Health And Allied Services, Not > Health and Allied Services, Not Elsewhere Classified

8111 > Services > Legal Services > Legal Services > Legal Services

8211 > Services > Educational Services > Elementary And Secondary Schools > Elementary and Secondary Schools

8221 > Services > Educational Services > Colleges, Universities, Professional Schools, And > Colleges, Universities, and Professional Schools

8222 > Services > Educational Services > Colleges, Universities, Professional Schools, And > Junior Colleges and Technical Institutes

8231 > Services > Educational Services > Libraries > Libraries

8243 > Services > Educational Services > Vocational Schools > Data Processing Schools

8244 > Services > Educational Services > Vocational Schools > Business and Secretarial Schools

8249 > Services > Educational Services > Vocational Schools > Vocational Schools, Not Elsewhere Classified

8299 > Services > Educational Services > Schools And Educational Services, Not Elsewhere > Schools and Educational Services, Not Elsewhere Classified

8322 > Services > Social Services > Individual And Family Social Services > Individual and Family Social Services

8331 > Services > Social Services > Job Training And Vocational Rehabilitation > Job Training and Vocational Rehabilitation Services

8351 > Services > Social Services > Child Day Care Services > Child Day Care Services

8361 > Services > Social Services > Residential Care > Residential Care

8399 > Services > Social Services > Social Services, Not Elsewhere Classified > Social Services, Not Elsewhere Classified

8412 > Services > Museums, Art Galleries, And Botanical And Zoological Gardens > Museums And Art Galleries > Museums and Art Galleries

8422 > Services > Museums, Art Galleries, And Botanical And Zoological Gardens > Arboreta And Botanical Or Zoological Gardens > Arboreta and Botanical or Zoological Gardens

8611 > Services > Membership Organizations > Business Associations > Business Associations

8621 > Services > Membership Organizations > Professional Membership Organizations > Professional Membership Organizations

8631 > Services > Membership Organizations > Labor Unions And Similar Labor Organizations > Labor Unions and Similar Labor Organizations

8641 > Services > Membership Organizations > Civic, Social, And Fraternal Associations > Civic, Social, and Fraternal Associations

8651 > Services > Membership Organizations > Political Organizations > Political Organizations

8661 > Services > Membership Organizations > Religious Organizations > Religious Organizations

8699 > Services > Membership Organizations > Membership Organizations, Not Elsewhere > Membership Organizations, Not Elsewhere Classified

8711 > Services > Engineering, Accounting, Research, Management, And Related Services > Engineering, Architectural, And Surveying > Engineering Services

8712 > Services > Engineering, Accounting, Research, Management, And Related Services > Engineering, Architectural, And Surveying > Architectural Services

8713 > Services > Engineering, Accounting, Research, Management, And Related Services > Engineering, Architectural, And Surveying > Surveying Services

8721 > Services > Engineering, Accounting, Research, Management, And Related Services > Accounting, Auditing, And Bookkeeping Services > Accounting, Auditing, and Bookkeeping Services

8731 > Services > Engineering, Accounting, Research, Management, And Related Services > Research, Development, And Testing Services > Commercial Physical and Biological Research

8732 > Services > Engineering, Accounting, Research, Management, And Related Services > Research, Development, And Testing Services > Commercial Economic, Sociological, and Educational Research

8733 > Services > Engineering, Accounting, Research, Management, And Related Services > Research, Development, And Testing Services > Noncommercial Research Organizations

8734 > Services > Engineering, Accounting, Research, Management, And Related Services > Research, Development, And Testing Services > Testing Laboratories

8741 > Services > Engineering, Accounting, Research, Management, And Related Services > Management And Public Relations Services > Management Services

8742 > Services > Engineering, Accounting, Research, Management, And Related Services > Management And Public Relations Services > Management Consulting Services

8743 > Services > Engineering, Accounting, Research, Management, And Related Services > Management And Public Relations Services > Public Relations Services

8744 > Services > Engineering, Accounting, Research, Management, And Related Services > Management And Public Relations Services > Facilities Support Management Services

8748 > Services > Engineering, Accounting, Research, Management, And Related Services > Management And Public Relations Services > Business Consulting Services, Not Elsewhere Classified

8811 > Services > Private Households > Private Households > Private Households

8999 > Services > Miscellaneous Services > Miscellaneous Services > Services, Not Elsewhere Classified

9111 > Public Administration > Executive, Legislative, And General Government, Except Finance > Executive Offices > Executive Offices

9121 > Public Administration > Executive, Legislative, And General Government, Except Finance > Legislative Bodies > Legislative Bodies

9131 > Public Administration > Executive, Legislative, And General Government, Except Finance > Executive And Legislative Offices Combined > Executive and Legislative Offices Combined

9199 > Public Administration > Executive, Legislative, And General Government, Except Finance > General Government, Not Elsewhere Classified > General Government, Not Elsewhere Classified

9211 > Public Administration > Justice, Public Order, And Safety > Courts > Courts

9221 > Public Administration > Justice, Public Order, And Safety > Public Order And Safety > Police Protection

9222 > Public Administration > Justice, Public Order, And Safety > Public Order And Safety > Legal Counsel and Prosecution

9223 > Public Administration > Justice, Public Order, And Safety > Public Order And Safety > Correctional Institutions

9224 > Public Administration > Justice, Public Order, And Safety > Public Order And Safety > Fire Protection

9229 > Public Administration > Justice, Public Order, And Safety > Public Order And Safety > Public Order and Safety, Not Elsewhere Classified

9311 > Public Administration > Public Finance, Taxation, And Monetary Policy > Public Finance, Taxation, And Monetary Policy > Public Finance, Taxation, and Monetary Policy

9411 > Public Administration > Administration Of Human Resource Programs > Administration Of Educational Programs > Administration of Educational Programs

9431 > Public Administration > Administration Of Human Resource Programs > Administration Of Public Health Programs > Administration of Public Health Programs

9441 > Public Administration > Administration Of Human Resource Programs > Administration Of Social, Human Resource And > Administration of Social, Human Resource and Income Maintenance Programs

9451 > Public Administration > Administration Of Human Resource Programs > Administration Of Veteran's Affairs, Except > Administration of Veterans' Affairs, Except Health and Insurance

9511 > Public Administration > Administration Of Environmental Quality And Housing Programs > Administration Of Environmental Quality > Air and Water Resource and Solid Waste Management

9512 > Public Administration > Administration Of Environmental Quality And Housing Programs > Administration Of Environmental Quality > Land, Mineral, Wildlife, and Forest Conservation

9531 > Public Administration > Administration Of Environmental Quality And Housing Programs > Administration Of Housing And Urban > Administration of Housing Programs

9532 > Public Administration > Administration Of Environmental Quality And Housing Programs > Administration Of Housing And Urban > Administration of Urban Planning and Community and Rural Development

9611 > Public Administration > Administration Of Economic Programs > Administration Of General Economic Programs > Administration of General Economic Programs

9621 > Public Administration > Administration Of Economic Programs > Regulation And Administration Of Transportation > Regulation and Administration of Transportation Programs

9631 > Public Administration > Administration Of Economic Programs > Regulation And Administration Of > Regulation and Administration of Communications, Electric, Gas, and Other Utilities

9641 > Public Administration > Administration Of Economic Programs > Regulation Of Agricultural Marketing And > Regulation of Agricultural Marketing and Commodities

9651 > Public Administration > Administration Of Economic Programs > Regulation, Licensing, And Inspection Of > Regulation, Licensing, and Inspection of Miscellaneous Commercial Sectors

9661 > Public Administration > Administration Of Economic Programs > Space Research And Technology > Space and Research and Technology

9711 > Public Administration > National Security And International Affairs > National Security > National Security

9721 > Public Administration > National Security And International Affairs > International Affairs > International Affairs

9995 > Public Administration > Nonclassifiable Establishments > Nonclassifiable Establishments > Non-operating Establishments (SEC)

9999 > Public Administration > Nonclassifiable Establishments > Nonclassifiable Establishments > Nonclassifiable Establishments

0888 > UNKNOWN SIC - 0888 (SEC)

8880 > AMERICAN DEPOSITARY RECEIPTS (SEC)
8888 > FOREIGN GOVERNMENTS (SEC)

Appendix B. SEC SIC Codes and Industry Names

0100 AGRICULTURAL PRODUCTION-CROPS
0200 AGRICULTURAL PROD-LIVESTOCK & ANIMAL SPECIALTIES
0700 AGRICULTURAL SERVICES
0800 FORESTRY
0888 UNKNOWN SIC - 0888
0900 FISHING, HUNTING AND TRAPPING
1000 METAL MINING
1040 GOLD AND SILVER ORES
1044 SILVER ORES
1090 MISCELLANEOUS METAL ORES
1220 BITUMINOUS COAL & LIGNITE MINING
1221 BITUMINOUS COAL & LIGNITE SURFACE MINING
1311 CRUDE PETROLEUM & NATURAL GAS
1381 DRILLING OIL & GAS WELLS
1382 OIL & GAS FIELD EXPLORATION SERVICES
1389 OIL & GAS FIELD SERVICES, NEC
1400 MINING & QUARRYING OF NONMETALLIC MINERALS (NO FUELS)
1520 GENERAL BLDG CONTRACTORS - RESIDENTIAL BLDGS
1531 OPERATIVE BUILDERS
1540 GENERAL BLDG CONTRACTORS - NONRESIDENTIAL BLDGS
1600 HEAVY CONSTRUCTION OTHER THAN BLDG CONST - CONTRACTORS
1623 WATER, SEWER, PIPELINE, COMM & POWER LINE CONSTRUCTION
1700 CONSTRUCTION - SPECIAL TRADE CONTRACTORS
1731 ELECTRICAL WORK
2000 FOOD AND KINDRED PRODUCTS
2011 MEAT PACKING PLANTS
2013 SAUSAGES & OTHER PREPARED MEAT PRODUCTS
2015 POULTRY SLAUGHTERING AND PROCESSING
2020 DAIRY PRODUCTS
2024 ICE CREAM & FROZEN DESSERTS
2030 CANNED, FROZEN & PRESERVD FRUIT, VEG & FOOD SPECIALTIES
2033 CANNED, FRUITS, VEG, PRESERVES, JAMS & JELLIES
2040 GRAIN MILL PRODUCTS
2050 BAKERY PRODUCTS
2052 COOKIES & CRACKERS
2060 SUGAR & CONFECTIONERY PRODUCTS
2070 FATS & OILS
2080 BEVERAGES
2082 MALT BEVERAGES
2086 BOTTLED & CANNED SOFT DRINKS & CARBONATED WATERS
2090 MISCELLANEOUS FOOD PREPARATIONS & KINDRED PRODUCTS
2092 PREPARED FRESH OR FROZEN FISH & SEAFOODS
2100 TOBACCO PRODUCTS
2111 CIGARETTES
2200 TEXTILE MILL PRODUCTS
2211 BROADWOVEN FABRIC MILLS, COTTON
2221 BROADWOVEN FABRIC MILLS, MAN MADE FIBER & SILK
2250 KNITTING MILLS
2253 KNIT OUTERWEAR MILLS
2273 CARPETS & RUGS
2300 APPAREL & OTHER FINISHD PRODS OF FABRICS & SIMILAR MATL

2320 MEN'S & BOYS' FURNISHGS, WORK CLOTHG, & ALLIED GARMENTS
2330 WOMEN'S, MISSES', AND JUNIORS OUTERWEAR
2340 WOMEN'S, MISSES', CHILDREN'S & INFANTS' UNDERGARMENTS
2390 MISCELLANEOUS FABRICATED TEXTILE PRODUCTS
2400 LUMBER & WOOD PRODUCTS (NO FURNITURE)
2421 SAWMILLS & PLANTING MILLS, GENERAL
2430 MILLWOOD, VENEER, PLYWOOD, & STRUCTURAL WOOD MEMBERS
2451 MOBILE HOMES
2452 PREFABRICATED WOOD BLDGS & COMPONENTS
2510 HOUSEHOLD FURNITURE
2511 WOOD HOUSEHOLD FURNITURE, (NO UPHOLSTERED)
2520 OFFICE FURNITURE
2522 OFFICE FURNITURE (NO WOOD)
2531 PUBLIC BLDG & RELATED FURNITURE
2540 PARTITIONS, SHELVG, LOCKERS, & OFFICE & STORE FIXTURES
2590 MISCELLANEOUS FURNITURE & FIXTURES
2600 PAPERS & ALLIED PRODUCTS
2611 PULP MILLS
2621 PAPER MILLS
2631 PAPERBOARD MILLS
2650 PAPERBOARD CONTAINERS & BOXES
2670 CONVERTED PAPER & PAPERBOARD PRODS (NO CONTANERS/BOXES)
2673 PLASTICS, FOIL & COATED PAPER BAGS
2711 NEWSPAPERS: PUBLISHING OR PUBLISHING & PRINTING
2721 PERIODICALS: PUBLISHING OR PUBLISHING & PRINTING
2731 BOOKS: PUBLISHING OR PUBLISHING & PRINTING
2732 BOOK PRINTING
2741 MISCELLANEOUS PUBLISHING
2750 COMMERCIAL PRINTING
2761 MANIFOLD BUSINESS FORMS
2771 GREETING CARDS
2780 BLANKBOOKS, LOOSELEAF BINDERS & BOOKBINDG & RELATD WORK
2790 SERVICE INDUSTRIES FOR THE PRINTING TRADE
2800 CHEMICALS & ALLIED PRODUCTS
2810 INDUSTRIAL INORGANIC CHEMICALS
2820 PLASTIC MATERIAL, SYNTH RESIN/RUBBER, CELLULOS (NO GLASS)
2821 PLASTIC MATERIALS, SYNTH RESINS & NONVULCAN ELASTOMERS
2833 MEDICINAL CHEMICALS & BOTANICAL PRODUCTS
2834 PHARMACEUTICAL PREPARATIONS
2835 IN VITRO & IN VIVO DIAGNOSTIC SUBSTANCES
2836 BIOLOGICAL PRODUCTS, (NO DISGNOSTIC SUBSTANCES)
2840 SOAP, DETERGENTS, CLEANG PREPARATIONS, PERFUMES, COSMETICS
2842 SPECIALTY CLEANING, POLISHING AND SANITATION PREPARATIONS
2844 PERFUMES, COSMETICS & OTHER TOILET PREPARATIONS
2851 PAINTS, VARNISHES, LACQUERS, ENAMELS & ALLIED PRODS
2860 INDUSTRIAL ORGANIC CHEMICALS
2870 AGRICULTURAL CHEMICALS
2890 MISCELLANEOUS CHEMICAL PRODUCTS
2891 ADHESIVES & SEALANTS
2911 PETROLEUM REFINING
2950 ASPHALT PAVING & ROOFING MATERIALS
2990 MISCELLANEOUS PRODUCTS OF PETROLEUM & COAL

3011 TIRES & INNER TUBES
3021 RUBBER & PLASTICS FOOTWEAR
3050 GASKETS, PACKG & SEALG DEVICES & RUBBER & PLASTICS HOSE
3060 FABRICATED RUBBER PRODUCTS, NEC
3080 MISCELLANEOUS PLASTICS PRODUCTS
3081 UNSUPPORTED PLASTICS FILM & SHEET
3086 PLASTICS FOAM PRODUCTS
3089 PLASTICS PRODUCTS, NEC
3100 LEATHER & LEATHER PRODUCTS
3140 FOOTWEAR, (NO RUBBER)
3211 FLAT GLASS
3220 GLASS & GLASSWARE, PRESSED OR BLOWN
3221 GLASS CONTAINERS
3231 GLASS PRODUCTS, MADE OF PURCHASED GLASS
3241 CEMENT, HYDRAULIC
3250 STRUCTURAL CLAY PRODUCTS
3260 POTTERY & RELATED PRODUCTS
3270 CONCRETE, GYPSUM & PLASTER PRODUCTS
3272 CONCRETE PRODUCTS, EXCEPT BLOCK & BRICK
3281 CUT STONE & STONE PRODUCTS
3290 ABRASIVE, ASBESTOS & MISC NONMETALLIC MINERAL PRODS
3310 STEEL WORKS, BLAST FURNACES & ROLLING & FINISHING MILLS
3312 STEEL WORKS, BLAST FURNACES & ROLLING MILLS (COKE OVENS)
3317 STEEL PIPE & TUBES
3320 IRON & STEEL FOUNDRIES
3330 PRIMARY SMELTING & REFINING OF NONFERROUS METALS
3334 PRIMARY PRODUCTION OF ALUMINUM
3341 SECONDARY SMELTING & REFINING OF NONFERROUS METALS
3350 ROLLING DRAWING & EXTRUDING OF NONFERROUS METALS
3357 DRAWING & INSULATING OF NONFERROUS WIRE
3360 NONFERROUS FOUNDRIES (CASTINGS)
3390 MISCELLANEOUS PRIMARY METAL PRODUCTS
3411 METAL CANS
3412 METAL SHIPPING BARRELS, DRUMS, KEGS & PAILS
3420 CUTLERY, HANDTOOLS & GENERAL HARDWARE
3430 HEATING EQUIP, EXCEPT ELEC & WARM AIR; & PLUMBING FIXTURES
3433 HEATING EQUIPMENT, EXCEPT ELECTRIC & WARM AIR FURNACES
3440 FABRICATED STRUCTURAL METAL PRODUCTS
3442 METAL DOORS, SASH, FRAMES, MOLDINGS & TRIM
3443 FABRICATED PLATE WORK (BOILER SHOPS)
3444 SHEET METAL WORK
3448 PREFABRICATED METAL BUILDINGS & COMPONENTS
3451 SCREW MACHINE PRODUCTS
3452 BOLTS, NUTS, SCREWS, RIVETS & WASHERS
3460 METAL FORGINGS & STAMPINGS
3470 COATING, ENGRAVING & ALLIED SERVICES
3480 ORDNANCE & ACCESSORIES, (NO VEHICLES/GUIDED MISSILES)
3490 MISCELLANEOUS FABRICATED METAL PRODUCTS
3510 ENGINES & TURBINES
3523 FARM MACHINERY & EQUIPMENT
3524 LAWN & GARDEN TRACTORS & HOME LAWN & GARDENS EQUIP
3530 CONSTRUCTION, MINING & MATERIALS HANDLING MACHINERY & EQUIP

3531 CONSTRUCTION MACHINERY & EQUIP
3532 MINING MACHINERY & EQUIP (NO OIL & GAS FIELD MACH & EQUIP)
3533 OIL & GAS FIELD MACHINERY & EQUIPMENT
3537 INDUSTRIAL TRUCKS, TRACTORS, TRAILORS & STACKERS
3540 METALWORKG MACHINERY & EQUIPMENT
3541 MACHINE TOOLS, METAL CUTTING TYPES
3550 SPECIAL INDUSTRY MACHINERY (NO METALWORKING MACHINERY)
3555 PRINTING TRADES MACHINERY & EQUIPMENT
3559 SPECIAL INDUSTRY MACHINERY, NEC
3560 GENERAL INDUSTRIAL MACHINERY & EQUIPMENT
3561 PUMPS & PUMPING EQUIPMENT
3562 BALL & ROLLER BEARINGS
3564 INDUSTRIAL & COMMERCIAL FANS & BLOWERS & AIR PURIFING EQUIP
3567 INDUSTRIAL PROCESS FURNACES & OVENS
3569 GENERAL INDUSTRIAL MACHINERY & EQUIPMENT, NEC
3570 COMPUTER & OFFICE EQUIPMENT
3571 ELECTRONIC COMPUTERS
3572 COMPUTER STORAGE DEVICES
3575 COMPUTER TERMINALS
3576 COMPUTER COMMUNICATIONS EQUIPMENT
3577 COMPUTER PERIPHERAL EQUIPMENT, NEC
3578 CALCULATING & ACCOUNTING MACHINES (NO ELECTRONIC COMPUTERS)
3579 OFFICE MACHINES, NEC
3580 REFRIGERATION & SERVICE INDUSTRY MACHINERY
3585 AIR-COND & WARM AIR HEATG EQUIP & COMM & INDL REFRIG EQUIP
3590 MISC INDUSTRIAL & COMMERCIAL MACHINERY & EQUIPMENT
3600 ELECTRONIC & OTHER ELECTRICAL EQUIPMENT (NO COMPUTER EQUIP)
3612 POWER, DISTRIBUTION & SPECIALTY TRANSFORMERS
3613 SWITCHGEAR & SWITCHBOARD APPARATUS
3620 ELECTRICAL INDUSTRIAL APPARATUS
3621 MOTORS & GENERATORS
3630 HOUSEHOLD APPLIANCES
3634 ELECTRIC HOUSEWARES & FANS
3640 ELECTRIC LIGHTING & WIRING EQUIPMENT
3651 HOUSEHOLD AUDIO & VIDEO EQUIPMENT
3652 PHONOGRAPH RECORDS & PRERECORDED AUDIO TAPES & DISKS
3661 TELEPHONE & TELEGRAPH APPARATUS
3663 RADIO & TV BROADCASTING & COMMUNICATIONS EQUIPMENT
3669 COMMUNICATIONS EQUIPMENT, NEC
3670 ELECTRONIC COMPONENTS & ACCESSORIES
3672 PRINTED CIRCUIT BOARDS
3674 SEMICONDUCTORS & RELATED DEVICES
3677 ELECTRONIC COILS, TRANSFORMERS & OTHER INDUCTORS
3678 ELECTRONIC CONNECTORS
3679 ELECTRONIC COMPONENTS, NEC
3690 MISCELLANEOUS ELECTRICAL MACHINERY, EQUIPMENT & SUPPLIES
3695 MAGNETIC & OPTICAL RECORDING MEDIA
3711 MOTOR VEHICLES & PASSENGER CAR BODIES
3713 TRUCK & BUS BODIES
3714 MOTOR VEHICLE PARTS & ACCESSORIES
3715 TRUCK TRAILERS
3716 MOTOR HOMES

3720 AIRCRAFT & PARTS
3721 AIRCRAFT
3724 AIRCRAFT ENGINES & ENGINE PARTS
3728 AIRCRAFT PARTS & AUXILIARY EQUIPMENT, NEC
3730 SHIP & BOAT BUILDING & REPAIRING
3743 RAILROAD EQUIPMENT
3751 MOTORCYCLES, BICYCLES & PARTS
3760 GUIDED MISSILES & SPACE VEHICLES & PARTS
3790 MISCELLANEOUS TRANSPORTATION EQUIPMENT
3812 SEARCH, DETECTION, NAVAGATION, GUIDANCE, AERONAUTICAL SYS
3821 LABORATORY APPARATUS & FURNITURE
3822 AUTO CONTROLS FOR REGULATING RESIDENTIAL & COMML ENVIRONMENTS
3823 INDUSTRIAL INSTRUMENTS FOR MEASUREMENT, DISPLAY, AND CONTROL
3824 TOTALIZING FLUID METERS & COUNTING DEVICES
3825 INSTRUMENTS FOR MEAS & TESTING OF ELECTRICITY & ELEC SIGNALS
3826 LABORATORY ANALYTICAL INSTRUMENTS
3827 OPTICAL INSTRUMENTS & LENSES
3829 MEASURING & CONTROLLING DEVICES, NEC
3841 SURGICAL & MEDICAL INSTRUMENTS & APPARATUS
3842 ORTHOPEDIC, PROSTHETIC & SURGICAL APPLIANCES & SUPPLIES
3843 DENTAL EQUIPMENT & SUPPLIES
3844 X-RAY APPARATUS & TUBES & RELATED IRRADIATION APPARATUS
3845 ELECTROMEDICAL & ELECTROTHERAPEUTIC APPARATUS
3851 OPHTHALMIC GOODS
3861 PHOTOGRAPHIC EQUIPMENT & SUPPLIES
3873 WATCHES, CLOCKS, CLOCKWORK OPERATED DEVICES/PARTS
3910 JEWELRY, SILVERWARE & PLATED WARE
3911 JEWELRY, PRECIOUS METAL
3931 MUSICAL INSTRUMENTS
3942 DOLLS & STUFFED TOYS
3944 GAMES, TOYS & CHILDREN'S VEHICLES (NO DOLLS & BICYCLES)
3949 SPORTING & ATHLETIC GOODS, NEC
3950 PENS, PENCILS & OTHER ARTISTS' MATERIALS
3960 COSTUME JEWELRY & NOVELTIES
3990 MISCELLANEOUS MANUFACTURING INDUSTRIES
4011 RAILROADS, LINE-HAUL OPERATING
4013 RAILROAD SWITCHING & TERMINAL ESTABLISHMENTS
4100 LOCAL & SUBURBAN TRANSIT & INTERURBAN HWY PASSENGER TRANS
4210 TRUCKING & COURIER SERVICES (NO AIR)
4213 TRUCKING (NO LOCAL)
4220 PUBLIC WAREHOUSING & STORAGE
4231 TERMINAL MAINTENANCE FACILITIES FOR MOTOR FREIGHT TRANSPORT
4400 WATER TRANSPORTATION
4412 DEEP SEA FOREIGN TRANSPORTATION OF FREIGHT
4512 AIR TRANSPORTATION, SCHEDULED
4513 AIR COURIER SERVICES
4522 AIR TRANSPORTATION, NONSCHEDULED
4581 AIRPORTS, FLYING FIELDS & AIRPORT TERMINAL SERVICES
4610 PIPE LINES (NO NATURAL GAS)
4700 TRANSPORTATION SERVICES
4731 ARRANGEMENT OF TRANSPORTATION OF FREIGHT & CARGO
4812 RADIOTELEPHONE COMMUNICATIONS

4813 TELEPHONE COMMUNICATIONS (NO RADIOTELEPHONE)
4822 TELEGRAPH & OTHER MESSAGE COMMUNICATIONS
4832 RADIO BROADCASTING STATIONS
4833 TELEVISION BROADCASTING STATIONS
4841 CABLE & OTHER PAY TELEVISION SERVICES
4899 COMMUNICATIONS SERVICES, NEC
4900 ELECTRIC, GAS & SANITARY SERVICES
4911 ELECTRIC SERVICES
4922 NATURAL GAS TRANSMISSION
4923 NATURAL GAS TRANSMISISON & DISTRIBUTION
4924 NATURAL GAS DISTRIBUTION
4931 ELECTRIC & OTHER SERVICES COMBINED
4932 GAS & OTHER SERVICES COMBINED
4941 WATER SUPPLY
4950 SANITARY SERVICES
4953 REFUSE SYSTEMS
4955 HAZARDOUS WASTE MANAGEMENT
4961 STEAM & AIR-CONDITIONING SUPPLY
4991 COGENERATION SERVICES & SMALL POWER PRODUCERS
5000 WHOLESALE-DURABLE GOODS
5010 WHOLESALE-MOTOR VEHICLES & MOTOR VEHICLE PARTS & SUPPLIES
5013 WHOLESALE-MOTOR VEHICLE SUPPLIES & NEW PARTS
5020 WHOLESALE-FURNITURE & HOME FURNISHINGS
5030 WHOLESALE-LUMBER & OTHER CONSTRUCTION MATERIALS
5031 WHOLESALE-LUMBER, PLYWOOD, MILLWORK & WOOD PANELS
5040 WHOLESALE-PROFESSIONAL & COMMERCIAL EQUIPMENT & SUPPLIES
5045 WHOLESALE-COMPUTERS & PERIPHERAL EQUIPMENT & SOFTWARE
5047 WHOLESALE-MEDICAL, DENTAL & HOSPITAL EQUIPMENT & SUPPLIES
5050 WHOLESALE-METALS & MINERALS (NO PETROLEUM)
5051 WHOLESALE-METALS SERVICE CENTERS & OFFICES
5063 WHOLESALE-ELECTRICAL APPARATUS & EQUIPMENT, WIRING SUPPLIES
5064 WHOLESALE-ELECTRICAL APPLIANCES, TV & RADIO SETS
5065 WHOLESALE-ELECTRONIC PARTS & EQUIPMENT, NEC
5070 WHOLESALE-HARDWARE & PLUMBING & HEATING EQUIPMENT & SUPPLIES
5072 WHOLESALE-HARDWARE
5080 WHOLESALE-MACHINERY, EQUIPMENT & SUPPLIES
5082 WHOLESALE-CONSTRUCTION & MINING (NO PETRO) MACHINERY & EQUIP
5084 WHOLESALE-INDUSTRIAL MACHINERY & EQUIPMENT
5090 WHOLESALE-MISC DURABLE GOODS
5094 WHOLESALE-JEWELRY, WATCHES, PRECIOUS STONES & METALS
5099 WHOLESALE-DURABLE GOODS, NEC
5110 WHOLESALE-PAPER & PAPER PRODUCTS
5122 WHOLESALE-DRUGS, PROPRIETARIES & DRUGGISTS' SUNDRIES
5130 WHOLESALE-APPAREL, PIECE GOODS & NOTIONS
5140 WHOLESALE-GROCERIES & RELATED PRODUCTS
5141 WHOLESALE-GROCERIES, GENERAL LINE
5150 WHOLESALE-FARM PRODUCT RAW MATERIALS
5160 WHOLESALE-CHEMICALS & ALLIED PRODUCTS
5171 WHOLESALE-PETROLEUM BULK STATIONS & TERMINALS
5172 WHOLESALE-PETROLEUM & PETROLEUM PRODUCTS (NO BULK STATIONS)
5180 WHOLESALE-BEER, WINE & DISTILLED ALCOHOLIC BEVERAGES
5190 WHOLESALE-MISCELLANEOUS NONDURABLE GOODS

5200 RETAIL-BUILDING MATERIALS, HARDWARE, GARDEN SUPPLY
5211 RETAIL-LUMBER & OTHER BUILDING MATERIALS DEALERS
5271 RETAIL-MOBILE HOME DEALERS
5311 RETAIL-DEPARTMENT STORES
5331 RETAIL-VARIETY STORES
5399 RETAIL-MISC GENERAL MERCHANDISE STORES
5400 RETAIL-FOOD STORES
5411 RETAIL-GROCERY STORES
5412 RETAIL-CONVENIENCE STORES
5500 RETAIL-AUTO DEALERS & GASOLINE STATIONS
5531 RETAIL-AUTO & HOME SUPPLY STORES
5600 RETAIL-APPAREL & ACCESSORY STORES
5621 RETAIL-WOMEN'S CLOTHING STORES
5651 RETAIL-FAMILY CLOTHING STORES
5661 RETAIL-SHOE STORES
5700 RETAIL-HOME FURNITURE, FURNISHINGS & EQUIPMENT STORES
5712 RETAIL-FURNITURE STORES
5731 RETAIL-RADIO, TV & CONSUMER ELECTRONICS STORES
5734 RETAIL-COMPUTER & COMPUTER SOFTWARE STORES
5735 RETAIL-RECORD & PRERECORDED TAPE STORES
5810 RETAIL-EATING & DRINKING PLACES
5812 RETAIL-EATING PLACES
5900 RETAIL-MISCELLANEOUS RETAIL
5912 RETAIL-DRUG STORES AND PROPRIETARY STORES
5940 RETAIL-MISCELLANEOUS SHOPPING GOODS STORES
5944 RETAIL-JEWELRY STORES
5945 RETAIL-HOBBY, TOY & GAME SHOPS
5960 RETAIL-NONSTORE RETAILERS
5961 RETAIL-CATALOG & MAIL-ORDER HOUSES
5990 RETAIL-RETAIL STORES, NEC
6021 NATIONAL COMMERCIAL BANKS
6022 STATE COMMERCIAL BANKS
6025 NATIONAL BANKS-FEDERAL RESERVE SYSTEM
6029 COMMERCIAL BANKS, NEC
6035 SAVINGS INSTITUTION, FEDERALLY CHARTERED
6036 SAVINGS INSTITUTIONS, NOT FEDERALLY CHARTERED
6099 FUNCTIONS RELATED TO DEPOSITORY BANKING, NEC
6111 FEDERAL & FEDERALLY-SPONSORED CREDIT AGENCIES
6120 SAVINGS & LOAN ASSOCIATIONS
6141 PERSONAL CREDIT INSTITUTIONS
6153 SHORT-TERM BUSINESS CREDIT INSTITUTIONS
6159 MISCELLANEOUS BUSINESS CREDIT INSTITUTION
6162 MORTGAGE BANKERS & LOAN CORRESPONDENTS
6163 LOAN BROKERS
6172 FINANCE LESSORS
6189 ASSET-BACKED SECURITIES
6199 FINANCE SERVICES
6200 SECURITY & COMMODITY BROKERS, DEALERS, EXCHANGES & SERVICES
6211 SECURITY BROKERS, DEALERS & FLOTATION COMPANIES
6221 COMMODITY CONTRACTS BROKERS & DEALERS
6282 INVESTMENT ADVICE
6311 LIFE INSURANCE

6321 ACCIDENT & HEALTH INSURANCE
6324 HOSPITAL & MEDICAL SERVICE PLANS
6331 FIRE, MARINE & CASUALTY INSURANCE
6351 SURETY INSURANCE
6361 TITLE INSURANCE
6399 INSURANCE CARRIERS, NEC
6411 INSURANCE AGENTS, BROKERS & SERVICE
6500 REAL ESTATE
6510 REAL ESTATE OPERATORS (NO DEVELOPERS) & LESSORS
6512 OPERATORS OF NONRESIDENTIAL BUILDINGS
6513 OPERATORS OF APARTMENT BUILDINGS
6519 LESSORS OF REAL PROPERTY, NEC
6531 REAL ESTATE AGENTS & MANAGERS (FOR OTHERS)
6532 REAL ESTATE DEALERS (FOR THEIR OWN ACCOUNT)
6552 LAND SUBDIVIDERS & DEVELOPERS (NO CEMETERIES)
6770 BLANK CHECKS
6792 OIL ROYALTY TRADERS
6794 PATENT OWNERS & LESSORS
6795 MINERAL ROYALTY TRADERS
6798 REAL ESTATE INVESTMENT TRUSTS
6799 INVESTORS, NEC
7000 HOTELS, ROOMING HOUSES, CAMPS & OTHER LODGING PLACES
7011 HOTELS & MOTELS
7200 SERVICES-PERSONAL SERVICES
7310 SERVICES-ADVERTISING
7311 SERVICES-ADVERTISING AGENCIES
7320 SERVICES-CONSUMER CREDIT REPORTING, COLLECTION AGENCIES
7330 SERVICES-MAILING, REPRODUCTION, COMMERCIAL ART & PHOTOGRAPHY
7331 SERVICES-DIRECT MAIL ADVERTISING SERVICES
7340 SERVICES-TO DWELLINGS & OTHER BUILDINGS
7350 SERVICES-MISCELLANEOUS EQUIPMENT RENTAL & LEASING
7359 SERVICES-EQUIPMENT RENTAL & LEASING, NEC
7361 SERVICES-EMPLOYMENT AGENCIES
7363 SERVICES-HELP SUPPLY SERVICES
7370 SERVICES-COMPUTER PROGRAMMING, DATA PROCESSING, ETC.
7371 SERVICES-COMPUTER PROGRAMMING SERVICES
7372 SERVICES-PREPACKAGED SOFTWARE
7373 SERVICES-COMPUTER INTEGRATED SYSTEMS DESIGN
7374 SERVICES-COMPUTER PROCESSING & DATA PREPARATION
7377 SERVICES-COMPUTER RENTAL & LEASING
7380 SERVICES-MISCELLANEOUS BUSINESS SERVICES
7381 SERVICES-DETECTIVE, GUARD & ARMORED CAR SERVICES
7384 SERVICES-PHOTOFINISHING LABORATORIES
7385 SERVICES-TELEPHONE INTERCONNECT SYSTEMS
7389 SERVICES-BUSINESS SERVICES, NEC
7500 SERVICES-AUTOMOTIVE REPAIR, SERVICES & PARKING
7510 SERVICES-AUTO RENTAL & LEASING (NO DRIVERS)
7600 SERVICES-MISCELLANEOUS REPAIR SERVICES
7812 SERVICES-MOTION PICTURE & VIDEO TAPE PRODUCTION
7819 SERVICES-ALLIED TO MOTION PICTURE PRODUCTION
7822 SERVICES-MOTION PICTURE & VIDEO TAPE DISTRIBUTION
7829 SERVICES-ALLIED TO MOTION PICTURE DISTRIBUTION

7830 SERVICES-MOTION PICTURE THEATERS

7841 SERVICES-VIDEO TAPE RENTAL

7900 SERVICES-AMUSEMENT & RECREATION SERVICES

7948 SERVICES-RACING, INCLUDING TRACK OPERATION

7990 SERVICES-MISCELLANEOUS AMUSEMENT & RECREATION

7997 SERVICES-MEMBERSHIP SPORTS & RECREATION CLUBS

8000 SERVICES-HEALTH SERVICES

8011 SERVICES-OFFICES & CLINICS OF DOCTORS OF MEDICINE

8050 SERVICES-NURSING & PERSONAL CARE FACILITIES

8051 SERVICES-SKILLED NURSING CARE FACILITIES

8060 SERVICES-HOSPITALS

8062 SERVICES-GENERAL MEDICAL & SURGICAL HOSPITALS, NEC

8071 SERVICES-MEDICAL LABORATORIES

8082 SERVICES-HOME HEALTH CARE SERVICES

8090 SERVICES-MISC HEALTH & ALLIED SERVICES, NEC

8093 SERVICES-SPECIALTY OUTPATIENT FACILITIES, NEC

8111 SERVICES-LEGAL SERVICES

8200 SERVICES-EDUCATIONAL SERVICES

8300 SERVICES-SOCIAL SERVICES

8351 SERVICES-CHILD DAY CARE SERVICES

8600 SERVICES-MEMBERSHIP ORGANIZATIONS

8700 SERVICES-ENGINEERING, ACCOUNTING, RESEARCH, MANAGEMENT

8711 SERVICES-ENGINEERING SERVICES

8731 SERVICES-COMMERCIAL PHYSICAL & BIOLOGICAL RESEARCH

8734 SERVICES-TESTING LABORATORIES

8741 SERVICES-MANAGEMENT SERVICES

8742 SERVICES-MANAGEMENT CONSULTING SERVICES

8744 SERVICES-FACILITIES SUPPORT MANAGEMENT SERVICES

8880 AMERICAN DEPOSITARY RECEIPTS

8888 FOREIGN GOVERNMENTS

8900 SERVICES-SERVICES, NEC

9721 INTERNATIONAL AFFAIRS

9995 NON-OPERATING ESTABLISHMENTS

Note: NEC = Not Elsewhere Classified

Appendix C. R Source Code

```
sec.all.sic <- function (run.all.sic = F, incl.otc = F)
{
    require(XML)
    require(httr)
    strip.white <- function(x)
        gsub("^ *|(?<= ) | *$", "", x, perl = TRUE)

    curr.time <- Sys.time()
    curr.time <- gsub(" ", "\\.", curr.time)
    curr.time <- gsub(":", "\\.", curr.time)
    log.file <- paste("log.", curr.time, ".txt", sep = "")
    write(as.character(Sys.time()), log.file, append = F)
    if(run.all.sic | !file.exists("SIC.Codes.txt"))
        try.sic <- 100:9999
    else
    {
```

```
        try.sic <- read.delim("SIC.Codes.txt", header = F, as.is = T)
        try.sic <- as.matrix(try.sic)
        try.sic <- as.numeric(try.sic[, 1])
}
take <- try.sic < 1000
try.sic[take] <- paste(0, try.sic[take], sep = "")
mat <- c("CIK", "Name", "SIC", "Industry", "Location")
for(ix in try.sic)
{
    get.pg <- T
    print(paste("Processing ", ix, sep = ""))
    s <- 0
    while(get.pg)
    {
        url <- paste(
"https://www.sec.gov/cgi-bin/browse-edgar?action=getcompany&SIC=",
ix, "&owner=include&match=&start=",
s, "&count=100", "&hidefilings=0", sep = "")

        x <- sec.get.webpage(url)
        y <- sec.parse.html(x, keyword = "div")
        y1 <- grep(paste("SIC ", ix, sep = ""), y)
        y2 <- grep(paste("SIC: ", ix, sep = ""), y)
        if(length(y1) > 0)
        {
            y <- y[y1]
            y <- unlist(strsplit(y, paste("SIC ", ix, " - ",
              sep = "")))[2]
            ind <- unlist(strsplit(y, " Click on CIK"))[1]
            x <- sec.parse.html(x, keyword = "table")
            x <- x[-(1:3)]
            cik <- !is.na(as.numeric(x))
            z <- matrix("", sum(cik), 5)
            j <- 0
            for(i in 1:length(x))
            {
                if(cik[i])
                    z[j <- j + 1, 1] <- x[k <- i]
                else if(i == k + 1)
                    z[j, 2] <- strip.white(x[i])
                else if(i == k + 2)
                    z[j, 5] <- x[i]
            }
            z[, 3] <- ix
            z[, 4] <- ind
            mat <- rbind(mat, z)
            get.pg <- nrow(z) == 100
        }
        else if(length(y2) > 0)
        {
            z <- rep("", 5)
            y1 <- grep("CIK#: ", y)
            y1 <- y[y1[1]]
            y1 <- unlist(strsplit(y1, " CIK#: "))
```

```
                z[2] <- strip.white(y1[1])
                y1 <- y1[2]
                z[1] <- unlist(strsplit(y1, " "))[1]
                y2 <- grep("SIC: ", y)
                y2 <- y[y2[1]]
                y2 <- unlist(strsplit(y2, paste("SIC: ",
                    ix, " - ", sep = "")))[2]
                y2 <- unlist(strsplit(y2, "State location: "))
                z[4] <- y2[1]
                y2 <- unlist(strsplit(y2[2], " "))
                z[5] <- y2[1]
                z[3] <- ix
                mat <- rbind(mat, z)
                get.pg <- F
            }
            else
                get.pg <- F

            s <- s + 100
        }
    }
    sec.write.table(mat, "SIC.Download.txt", T)
    write(as.character(Sys.time()), log.file, append = T)
    sec.sic(incl.otc = incl.otc)
}


sec.dump <- function ()
{
    x <- sapply(ls(pos = 1), function(x) storage.mode(get(x)))
    y <- names(x)[x == "function"]
    z <- grep("sec\\.", y)
    y <- y[z]
    save(list = y, file = "SEC.RData")
    dump(y, "sec.code.txt")
}


sec.fix.names <- function(x, drop.suffix, drop.last = T)
{
    x <- toupper(x)
    x <- gsub("D/B/A", "", x)
    x <- gsub("\\.COM", " COM", x)
    x <- gsub(",", "", x)
    x <- gsub("\'", "", x)
    x <- gsub("\\.", "", x)
    x <- gsub(";", "", x)
    x <- gsub("\\(", "", x)
    x <- gsub("\\)", "", x)
    x <- gsub("/", " ", x)
    x <- gsub("!", " ", x)
    x <- gsub("&AMP", "AND", x)
    x <- gsub("&", "AND", x)
    x <- gsub("-", " ", x)
    x <- gsub("  ", " ", x)
    x <- gsub("CORPORATION", "CORP", x)
```

```
    x <- gsub("^ *|(?<= ) | *$", "", x, perl = TRUE)
    if(!drop.last)
        return(x)
    for(i in 1:length(x))
    {
        while(drop.last){
            y <- unlist(strsplit(x[i], " "))
            if(y[1] == "THE")
                y <- y[-1]
            n <- length(y)
            z <- y[n]
            drop.last <- any(z == drop.suffix) & n > 1
            if(drop.last)
            {
                x[i] <- y[1]
                if(n > 2)
                    for(j in 2:(n - 1))
                        x[i] <- paste(x[i], y[j], sep = " ")
            }
        }
        drop.last <- T
    }
    return(x)
}


sec.get.webpage <- function (url)
{
    response <- try(GET(url))
    if(mode(response) == "list")
    {
        x <- unlist(response)
        x <- grep("status_code", x)
        if(length(x) == 1)
            if(response$status_code != 200)
                print(c(url, ",
                    http status = ", response$status_code))
    }
    u <- htmlParse(response, useInternalNodes = T, asText = T)
    webpage <- as(u, "character")
    webpage <- readLines(tc <- textConnection(webpage))
    close(tc)
    return(webpage)
}


sec.match <- function (a, b)
{
    x <- match(a, b)
    x <- x[!is.na(x)]
    return(x)
}


sec.nasdaq.ticker <- function (x)
{
    if(vec.x <- is.vector(x))
```

```
        x <- as.matrix(x, length(x), 1)
    y <- x[, 1]
    take <- nchar(y) == 5
    if(sum(take) == 0)
    {
        if(vec.x)
            x <- as.vector(x)
        return(x)
    }
    z <- y[take]
    for(i in 1:length(z))
    {
        v <- unlist(strsplit(z[i], ""))
        if(any(v[5] == c("G","H","I","R","T","V","W","X")))
            z[i] <- "99999"
    }
    y[take] <- z
    x[, 1] <- y
    bad <- y == "99999"
    x <- x[!bad, ]
    if(vec.x)
        x <- as.vector(x)
    return(x)
}
sec.nq.amex <- function (db)
{
    y <- sec.read.nq(db$file.nq.amex)
    y <- sec.nyse.ticker(y)
    db$tickers.nq.amex <- as.character(y[, 1])
    db$mkt.cap.nq.amex <- as.character(y[, 2])
    db$last.nq.amex <- as.numeric(y[, 3])
    db$exch.nq.amex <- rep("A", nrow(y))
    db$name.nq.amex <- as.character(y[, 4])
}


sec.nq.nasdaq <- function (db)
{
    y <- sec.read.nq(db$file.nq.nasdaq)
    y <- sec.nasdaq.ticker(y)
    db$tickers.nq.nasdaq <- as.character(y[, 1])
    db$mkt.cap.nq.nasdaq <- as.character(y[, 2])
    db$last.nq.nasdaq <- as.numeric(y[, 3])
    db$exch.nq.nasdaq <- rep("Q", nrow(y))
    db$name.nq.nasdaq <- as.character(y[, 4])
}


sec.nq.nyse <- function (db)
{
    y <- sec.read.nq(db$file.nq.nyse)
    y <- sec.nyse.ticker(y)
    db$tickers.nq.nyse <- as.character(y[, 1])
    db$mkt.cap.nq.nyse <- as.character(y[, 2])
    db$last.nq.nyse <- as.numeric(y[, 3])
    db$exch.nq.nyse <- rep("N", nrow(y))
```

```
    db$name.nq.nyse <- as.character(y[, 4])
}


sec.nt.nasdaq <- function (db)
{
    x <- sec.read.nt(db$file.nt.nasdaq)
    y <- x[, c("Symbol", "Test.Issue")]
    y <- sec.nasdaq.ticker(y)
    test <- y[, 2] == "Y"
    db$tickers.nt.nasdaq <- y[!test, 1]
    db$exch.nt.nasdaq <- rep("Q", length(db$tickers.nt.nasdaq))
    db$test.tickers.nt.nasdaq <- y[test, 1]
}


sec.nt.other <- function (db)
{
    x <- sec.read.nt(db$file.nt.other)
    exch <- x[, "Exchange"]
    exch[exch == "P"] <- "N"
    x[, "Exchange"] <- exch
    y <- x[, c("CQS.Symbol", "Exchange", "Test.Issue")]
    y <- sec.nyse.ticker(y)
    test <- y[, 3] == "Y"
    db$tickers.nt.other <- y[!test, 1]
    db$exch.nt.other <- y[!test, 2]
    db$test.tickers.nt.other <- y[test, 1]
}


sec.nyse.ticker <- function (x)
{
    if(vec.x <- is.vector(x))
        x <- as.matrix(x, length(x), 1)
    y <- x[, 1]
    z <- gsub("[A-Z]", "", y)
    take <- z == "" | z == "/"
    y[!take] <- "99999"
    for(i in 1:length(y))
    {
        z <- unlist(strsplit(y[i], "/"))
        if(length(z) == 2)
            if(nchar(z[2]) > 1)
                y[i] <- "99999"
            else
                y[i] <- paste(z[1], z[2], sep = ".")
    }
    x[, 1] <- y
    bad <- y == "99999"
    x <- x[!bad, ]
    if(vec.x)
        x <- as.vector(x)
    return(x)
}


sec.osha <- function ()
```

```
{
    require(XML)
    require(httr)
    get.ind <- function(id, code)
    {
        url <- paste(
    "https://www.osha.gov/pls/imis/sic_manual.display?id=",
    id, "&tab=group", sep = "")

        y <- sec.get.webpage(url)
        x <- sec.parse.html(y, keyword = "div")
        y1 <- grep(paste("Industry Group ", code, "*.:", sep = ""), x)[1]
        y2 <- grep("SIC Search Division Structure", x)[1]
        x <- x[y1:(y2-1)]
        z <- c("Code", "Industry Group", "Industry")
        for(i in 1:length(x))
        {
            if(length(grep("Industry Group", x[i])) > 0)
            {
                u <- unlist(strsplit(x[i], " "))
                u <- u[-(1:3)]
                for(j in 1:length(u))
                    if(j == 1)
                        ind.grp <- u[1]
                    else
                        ind.grp <- paste(ind.grp, u[j],
                            sep = " ")
            }
            else
            {
                v <- unlist(strsplit(x[i], " "))
                code <- v[1]
                ind <- gsub(paste(code, " ", sep = ""), "", x[i])
                z <- rbind(z, c(code, ind.grp, ind))
            }
        }
        return(z)
    }
    url <- "https://www.osha.gov/pls/imis/sic_manual.html"
    y <- sec.get.webpage(url)
    x <- sec.parse.html(y, keyword = "div")
    y1 <- grep("SIC Division Structure", x)[1]
    y2 <- grep("Major Group 99", x)[1]
    x <- x[(y1+1):y2]
    z <- c("Code", "Division", "Major Group", "Industry Group", "Industry")
    for(i in 1:length(x))
    {
        u <- unlist(strsplit(x[i], ": "))
        if(length(grep("Division", u[1])) > 0)
            div <- u[2]
        else
        {
            maj <- u[2]
            code <- unlist(strsplit(u[1], " "))[3]
```

```
            v <- grep(paste("Major Group ", code, sep = ""), y)
            v <- y[v]
            v <- unlist(strsplit(v, "id="))[2]
            id <- unlist(strsplit(v, "&amp"))[1]
            q <- get.ind(id, code)
            q <- cbind(q[, 1], rep(div, nrow(q)), rep(maj, nrow(q)),
                q[, 2:3])
            q <- q[-1, ]
            z <- rbind(z, q)
        }
    }
    sec.write.table(z, "SIC.table.txt", T)
}


sec.parse.html <- function (webpage, keyword)
{
    pagetree <- htmlTreeParse(webpage, error=function(...){},
        useInternalNodes = TRUE)
    # parse the tree
    x <- xpathSApply(pagetree, paste("//*/", keyword, sep = ""), xmlValue)
    if(!is.character(x))
        return(keyword)
    # do some clean up with regular expressions
    x <- unlist(strsplit(x, "\n"))
    x <- gsub("\t","",x)
    x <- sub("^[[:space:]]*(.*?)[[:space:]]*$", "\\1", x, perl=TRUE)
    x <- x[!(x %in% c("", "|"))]
    return(x)
}


sec.read.nq <- function (file)
{
    x <- read.csv(file = file, header = T, strip.white = T, sep = ",")
    x <- as.matrix(x)
    mode(x) <- "character"
    x1 <- sec.strip.white(x)
    y <- x1[, c("Symbol", "MarketCap", "LastSale")]
    y <- cbind(y, x[, "Name"])
    return(y)
}


sec.read.nt <- function (file)
{
    x <- readLines(file)
    x <- gsub("\'", "", x)
    file <- paste(file, ".cleaned.txt", sep = "")
    write(x, file = file)
    x <- read.table(file = file, sep = "|", header = T, comment.char = "@",
        fill = T, strip.white = T)
    x <- as.matrix(x)
    mode(x) <- "character"
    test <- x[, "Test.Issue"]
    bad <- test == ""
    x <- x[!bad, ]
```

```
    return(x)
}

sec.sic <- function (incl.otc = F)
{
    fund.etc <- function(x)
    {
        if(length(grep("FUND", x)) > 0)
            return(T)
        if(length(grep("TRUST", x)) > 0)
            return(T)
        if(length(grep("PORTFOLIO", x)) > 0)
            return(T)
        if(length(grep("ETF", x)) > 0)
            return(T)
        if(length(grep("INCOME", x)) > 0)
            return(T)
        if(length(grep("DIVIDEND", x)) > 0)
            return(T)
        if(length(grep("SHARES", x)) > 0)
            return(T)
        if(length(grep("DIVIDEND", x)) > 0)
            return(T)
        if(length(grep(" BOND", x)) > 0)
            return(T)
        if(length(grep(" RETURN", x)) > 0)
            return(T)
        if(length(grep(" SECURITIES", x)) > 0)
            return(T)
        if(length(grep(" INVESTMENT", x)) > 0)
            return(T)
        if(length(grep(" INVESTOR", x)) > 0)
            return(T)
        if(length(grep(" MUNICIPAL", x)) > 0)
            return(T)
        if(length(grep(" GROWTH", x)) > 0)
            return(T)
        if(length(grep(" INFLATION", x)) > 0)
            return(T)
        if(length(grep(" VOLATILITY", x)) > 0)
            return(T)
        if(length(grep("DOW 30", x)) > 0)
            return(T)
        if(length(grep("TREASURY", x)) > 0)
            return(T)
        if(length(grep("CONTINGENT", x)) > 0)
            return(T)
        if(length(grep("FLOATING", x)) > 0)
            return(T)
        if(length(grep(" RATE", x)) > 0)
            return(T)
        if(length(grep("INDEX", x)) > 0)
            return(T)
        return(F)
```

```
    }
    drop.suffix <- c("INC", "INCORPORATED", "LP", "CORPORATION",
        "CORP", "PLC", "LTD", "LIMITED", "COMPANY", "AG", "SA",
        "LLC", "PLLC", "DBA", "THE", "NEW", "NV", "HOLDING",
        "HOLDINGS", "CO", "HLDGS", "HLDG", "PARTNERSHIP")

    drop.suffix <- c(drop.suffix, state.abb[])
    u <- read.delim("SIC.Codes.txt", header = F)
    u <- as.matrix(u)
    sic.names <- u[, 2]
    names(sic.names) <- sic.codes <- as.character(u[, 1])
    w <- read.delim("SIC.Download.txt", header = T)
    w <- as.matrix(w)
    mode(w) <- "character"
    sec.names <- sec.fix.names(w[, 2], "", drop.last = F)
    sec.sic.codes <- w[, 3]
    db <- new.env()
    db$file.nq.amex = "NQ_AMEX.csv"
    db$file.nq.nyse = "NQ_NYSE.csv"
    db$file.nq.nasdaq = "NQ_NASDAQ.csv"
    db$file.nt.other = "NT_otherlisted.txt"
    db$file.nt.nasdaq = "NT_nasdaqlisted.txt"
    sec.nq.amex(db)
    sec.nq.nyse(db)
    sec.nq.nasdaq(db)
    sec.nt.other(db)
    sec.nt.nasdaq(db)
    sec.tickers(db)
    tickers <- db$tickers
    co.names <- sec.fix.names(db$name, "", drop.last = F)
    exch <- db$exch.nq
    cap <- db$mkt.cap.nq
    if(incl.otc)
    {
        x <- read.csv("otctickers.csv", header = T)
        x <- as.matrix(x)
        tickers <- c(tickers, x[, 1])
        co.names <- c(co.names,
            sec.fix.names(x[, 10], "", drop.last = F))
        exch <- c(exch, x[, 4])
        cap <- c(cap, rep(NA, nrow(x)))
    }
    n <- length(tickers)
    sic <- c("TICKER", "EXCH", "SIC", "SIC.NAME", "MKT.CAP")
    no.sic <- c("TICKER", "EXCH", "MKT.CAP", "FUND.ETC", "NO.MATCH")
    for(i in 1:n)
    {
        take <- co.names[i] == sec.names
        x <- unique(sec.sic.codes[take])
        if(length(x) == 1)
        {
            sic <- rbind(sic,
                c(tickers[i], exch[i], x, sic.names[x], cap[i]))
            next
```

```
        }
        co.name <- sec.fix.names(co.names[i], drop.suffix)
        y <- grep(co.name, sec.names)
        if(length(y) == 0)
        {
            no.sic <- rbind(no.sic,
                c(tickers[i], exch[i], cap[i], fund.etc(co.name),
                    "TRUE"))
            next
        }
        sec.name <- sec.fix.names(sec.names[y], drop.suffix)
        sec.sic.code <- sec.sic.codes[y]
        take <- co.name == sec.name
        if(sum(take) == 0)
        {
            no.sic <- rbind(no.sic,
                c(tickers[i], exch[i], cap[i], fund.etc(co.name),
                    "TRUE"))
            next
        }
        x <- unique(sec.sic.code[take])
        if(length(x) > 1)
        {
            no.sic <- rbind(no.sic,
                c(tickers[i], exch[i], cap[i], fund.etc(co.name),
                    "FALSE"))
            next
        }
        sic <- rbind(sic,
            c(tickers[i], exch[i], x, sic.names[x], cap[i]))
    }
    y <- unique(sic[-1, 3])
    ind <- matrix(0, k <- nrow(sic) - 1, length(y))
    for(i in 1:k)
        ind[i, ] <- as.numeric(sic[i + 1, 3] == y)

    dimnames(ind)[[1]] <- sic[-1, 1]
    dimnames(ind)[[2]] <- y
    sec.write.table(sic, file = "TICKER.SIC.txt", last.return = T)
    sec.write.table(no.sic, file = "NO.SIC.txt", last.return = T)
    write.table(ind, file = "SIC.IND.CLASS.txt", quote = F, sep = "\t")
}
sec.strip.white <- function (x)
{
    x <- gsub("\t", "", x)
    x <- gsub(" ", "", x)
    return(x)
}


sec.tickers <- function (db)
{
    db$tickers.nq <- c(db$tickers.nq.amex, db$tickers.nq.nyse,
        db$tickers.nq.nasdaq)
    db$exch.nq <- c(db$exch.nq.amex, db$exch.nq.nyse, db$exch.nq.nasdaq)
```

```
    db$mkt.cap.nq <- c(db$mkt.cap.nq.amex, db$mkt.cap.nq.nyse,
        db$mkt.cap.nq.nasdaq)
    db$last.nq <- c(db$last.nq.amex, db$last.nq.nyse, db$last.nq.nasdaq)
    db$name.nq <- c(db$name.nq.amex, db$name.nq.nyse, db$name.nq.nasdaq)
    db$tickers.nt <- c(db$tickers.nt.other, db$tickers.nt.nasdaq)
    db$exch.nt <- c(db$exch.nt.other, db$exch.nt.nasdaq)
    db$test.tickers.nt <- c(db$test.tickers.nt.other,
        db$test.tickers.nt.nasdaq)
    x <- sec.match(db$test.tickers.nt, db$tickers.nq)
    db$tickers.nq <- db$tickers.nq[-x]
    db$exch.nq <- db$exch.nq[-x]
    db$mkt.cap.nq <- db$mkt.cap.nq[-x]
    db$last.nq <- db$last.nq[-x]
    db$name.nq <- db$name.nq[-x]
    db$tickers <- db$tickers.nq
    db$name <- db$name.nq
}


sec.write.table <- function (x, file, last.return = F)
{
    if(last.return)
    {
        write.table(x, file = file, quote = F, row.names = F,
            col.names = F, sep = "\t")
        return(1)
    }
    single.line <- F
    if(is.matrix(x))
        if(nrow(x) == 1)
            single.line <- T
    if(is.vector(x))
        single.line <- T
    if(single.line)
    {
        write.table(x, file = file, quote = F, row.names = F,
            col.names = F, sep = "\t", eol = "")
        return(1)
    }
    y <- x[nrow(x), ]
    x <- x[-nrow(x), ]
    z <- y[1]
    if(length(y) > 1)
        for(i in 2:length(y))
            z <- paste(z, "\t", y[i], sep = "")

    write.table(x, file = file, quote = F, row.names = F,
        col.names = F, sep = "\t")
    write.table(z, file = file, quote = F, row.names = F,
        col.names = F, sep = "\t", eol = "", append = T)
}
```

Appendix C.1. Ticker Symbol Downloads

- ```
  wget.exe
  "http://www.nasdaq.com/screening/companies-by-name.aspx?exchange=amex&
  render=download" -O NQ_AMEX.csv /y
  ```
- ```
  wget.exe
  "http://www.nasdaq.com/screening/companies-by-name.aspx?exchange=nyse&
  render=download" -O NQ_NYSE.csv /y
  ```
- ```
  wget.exe
  "http://www.nasdaq.com/screening/companies-by-name.aspx?exchange=nasda
  q&render=download" -O NQ_NASDAQ.csv /y
  ```
- ```
  wget.exe "http://www.nasdaqtrader.com/dynamic/SymDir/nasdaqlisted.txt"
  -O NT_nasdaqlisted.txt /y
  ```
- ```
  wget.exe  "http://www.nasdaqtrader.com/dynamic/SymDir/otherlisted.txt"
  -O NT_otherlisted.txt /y
  ```

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