

BasicIQ Report Guidebook

BasicIQ provides a detailed review of price, cost, profitability and end-market demand for industries at the 6-digit NAICS level. The charts and tables in BasicIQ are designed to help our subscribers with a wide variety of tasks, including: **supplier management, internal benchmarking, planning, negotiation and pricing strategy.**

Table of Contents

About TCS Inc.	Page ii
About BasicIQ	Page 1
BasicIQ Data Definitions and Model Insights	Page 2 – 8
Overview of NAICS Code Structure for Manufacturing	Page 9
Listing of NAICS covered by BasicIQ (see below)	

NOTE: This list indicates the industries that have cost, price and end-market data as well as those where the data is incomplete. Some industries are missing price data, but the LMIQ model was able to build cost models nonetheless. In rare instances with no PPI data, tables 4 and table 5 will be blank. Please also note that we are continuing to rewrite all documentation; any reference to 4-digit SIC should be read as 6-digit NAICS.

NAICS Code	Sub-Sector	Page #
311	Food	Page 10
312	Beverage and tobacco products	Page 11
313	Textile mills	Page 11
314	Textile product mills	Page 11
315	Apparel	Page 11
316	Leather and allied products	Page 12
321	Wood products	Page 12
322	Paper	Page 12
323	Printing and related support activities	Page 13
324	Petroleum and coal products	Page 13
325	Chemicals	Page 13
326	Plastics and rubber products	Page 14
327	Nonmetallic mineral products	Page 14
331	Primary metals	Page 14-15
332	Fabricated metal products	Page 15
333	Machinery	Page 16
334	Computer and electronic products	Page 17
335	Electrical equipment, appliances, and components	Page 17
336	Transportation equipment	Page 18
337	Furniture and related products	Page 18
339	Miscellaneous manufacturing	Page 19

Copyright 2004 by Thinking Cap Solutions, Inc. No portion of this report may be reproduced or transmitted in any form, by any medium including but not limited to photocopying, scanning or other electronic means without prior written consent of Thinking Cap Solutions, Inc.

Limitation of Liability and Warranty... The staff of Thinking Cap Solutions, Inc. has made their best effort in producing this report. Our hope is that its users will be successful in extracting value from the information included herein. However, Thinking Cap Solutions, Inc. makes no claims of warranty or merchantability or fitness of this product for any specific application. Nor shall we in any instance be liable to the users of the information contained in this report for loss of profits, lost savings, special, incidental, consequential, indirect or other damages.

ICE-Alert™ Mission... is to provide supply chain executives, procurement specialists, finance managers and sales professionals with timely, reliable, easy to use, expert information about trends in prices, costs, demand strength and profitability. Our rigorous, proprietary industry database is designed to help our subscribers stay abreast of the risks and rewards that directly effect their day-to-day business decisions.

Thinking Cap Solutions, Inc... publishes ICE-Alert™, ICE-Alert Outlook™ and BasicIQ™ industry reports. Thinking Cap Solutions was founded by Elizabeth Baatz and Victor Maliar in 1994. With over 40 years of combined experience in tracking and modeling economic trends, the pair began by building a detailed cost escalation model of the U.S. manufacturing sector. By the end of 1994, Elizabeth and Victor were using their Industry Cost Escalation (ICE) model to supply clients with detailed tables and charts describing cost and price trends in more than 300 industries. Now small to mid-sized to Fortune 500 companies are subscribing to our monthly ICE-Alert™ report. In 2004, our more sophisticated Leveraged Metric Intelligence (LMIQ™) model expanded to cover more than 400 industries. The company maintains a strong commitment to producing high-quality information products and to keeping an open dialogue with our customers and partners on how to make these products better.

Our Proprietary LMIQ™ Model Data... All cost indexes, demand indexes, margin estimates and measurements of costs per \$100 of product are based on output from Thinking Cap Solutions' Leveraged Metric Intelligence (LMIQ™) model. These measures are considered proprietary and are protected by copyright. All price indexes are from the U.S. Bureau of Labor Statistics (BLS) and are not proprietary. We rebase all index data to 2001 in order to allow for cost/price comparisons. Also, we use unique bridge models to help transition price data from SIC to NAICS codes. The LMIQ™ model also accesses data from the U.S. Census Bureau; the U.S. Bureau of Economic Analysis; the U.S. Commerce Department; and the Federal Reserve Board.

Detailed Industry Reports... ICE-Alert™ presents summary statistics on price, cost and demand conditions. In order to be completely prepared to use LMIQ™ model data in negotiations, you may want to order an industry-specific Basic IQ (BIQ™) report. Each BIQ report provides...

- the most current data and complete historical data on industry costs,
- an industry cost profile and cost impact analysis,
- raw database in an easy-to-use spreadsheet, and
- chartbooks for quick reference.

ICE-Alert in electronic formats... Thinking Cap Solutions now offers our proprietary data and analysis in electronic formats (Adobe® Acrobat® PDF files and Microsoft® Excel interactive spreadsheets) delivered via email.

Contact us... on the web at <http://www.ice-alert.com> or email info@ice-alert.com

Main phone: 360-452-6159 Main fax: 360-457-2913

Editorial: 3122 Old Olympic Highway, P.O. Box 2925 Port Angeles, WA 98362

Subscription Fulfillment: P.O. Box 1806 Bothell, WA 98041 fax: 425-398-8641

About Our BasicIQ Reports

Along with this BasicIQ guide designed to facilitate usage, each BasicIQ report is comprised of three files, where ##### represents a 6-digit NAICS code.

(2) Adobe Acrobat® PDF FILES including one file with charts for each industry in the LMIQ model and one file that includes tables.

The naming convention for each charts file is MC_#####_CHARTS

The naming convention for each tables file is MC_#####_TABLES

(1) Microsoft Excel® XLS FILE. The Excel workbook file has two sheets, one called INDEX DATABASE, and the other called SPENDING DATABASE, each with 10 years of monthly data.

The naming convention for each database file is MC_#####_BASIC_DB

The BasicIQ report provides all the information and more that was in Thinking Cap Solutions, Inc.'s former Strategic Cost Intelligence reports. BasicIQ provides a detailed review of price, cost, profitability and end-market demand for industries at the 6-digit NAICS level. The charts and tables in BasicIQ are designed to help our subscribers with a wide variety of tasks, including:

- supplier management
- internal benchmarking
- negotiation and pricing strategy
- general planning.

All Adobe Acrobat® files are print-ready. The Microsoft® Excel file provides a detailed database with ten years of monthly data that can be manipulated in custom charts or in supply chain models by anyone with working knowledge of Excel.

As long as Thinking Cap Solutions has your electronic subscriber agreement on file, you have my permission to distribute these reports to anyone within your company or to post on your secure Intranet. If you are looking at this product for the first time and would like to share this with others in your organization, please email Elizabeth at ebaatz@ice-alert.com so she can give you written permission.

Please do not hesitate to contact us with any feedback you have to share about our economic reports,. We love hearing from our ICE-Alert subscribers and our potential subscribers!

BasicIQ Data Definitions & Model Insights

Price and Cost Definitions

AVERAGE INDUSTRY PRODUCT PRICE is the weighted average of price indexes for products considered to be part of a given industry's primary or main line of business. Data are published by the Bureau of Labor Statistics. We recalculate all indexes to average 100 in 2001 for ease of comparison to the LMIQ model's proprietary cost indexes, meaning all data are now based to 2001=100.

TOTAL COSTS refer to the combined sum of direct spending on manufacturing-related activities plus spending on many of the major components of overhead. Some spending is excluded from the LMIQ definition of total costs (e.g., taxes and capital equipment). Generally, total costs include spending on:

- Raw materials used in manufacturing (bill of materials)
- Processing raw materials (production labor, energy, and freight)
- Overhead labor (non-production labor and benefits)
- Overhead materials (including freight costs)
- Purchased services
- Distribution and outbound transportation

MANUFACTURING COSTS refer to the combined sum of spending on:

- Raw materials used in manufacturing (bill of materials)
- Processing raw materials (production labor, energy, and freight)

Tracking manufacturing costs can be especially useful when attempting to understand industry pricing behavior. We look first at changes in manufacturing costs as the most likely explanation for price changes. Inflation tends to be cost-push in nature as increases in manufacturing costs are passed along to buyers.

The amount of time for cost increases to push through to product prices depends on a number of factors such as contractual arrangements, inventory levels and the degree of buyers' bargaining power. For some products, few barriers block the pressure of rising costs and this can be seen in swiftly changing product price levels. For other products, we see significant, but predictable, time lags between cost hikes and subsequent price increases.

*The theory behind price decrease (deflation) is similar to inflation, but the lag between a cost cut and corresponding price drop most likely **will** be extended. Producers try to protect any margin windfalls earned by the disparity between costs and prices. Competitive markets will yield the most rapid cost-induced price cuts.*

Bill of Materials Costs capture dollars spent on raw materials used directly in a given industry's manufacturing process. The LMIQ model separates bill of materials (BOM) spending into two components: U.S. made and imported materials.

The ability of the LMIQ model to distinguish between BOM and non-BOM expenses varies from industry to industry. For example, the costs associated with the plastic used to make computer cases is a BOM expense for plastic fabricators, but business forms for invoicing would be considered an overhead expense. The LMIQ model identifies spending on business forms and, using a common-sense assumption, classifies that spending as overhead. The LMIQ model, however, does not make any such assumptions about spending on adhesive labels (address labels for invoicing customers may be classified as overhead, but product warning labels may be classified with the bill of materials). When distinctions between manufacturing and overhead spending are murky, by default the LMIQ model will classify the spending with the bill of materials.

- **U.S. made raw materials** captures dollars spent on raw materials (assumed to be purchased from domestic suppliers) that are directly related to manufacturing-related activities.
- **Imported raw materials** captures dollars spent on raw materials (assumed to be purchased from foreign suppliers) that are directly related to manufacturing-related activities. *Note, imported raw materials costs tend to be reported on a c.i.f. basis, so costs include delivery of a good from its country of origin to its place of entry in the U.S. Since freight costs associated with delivering imported goods to the borders of the U.S. are not included by the LMIQ model when calculating inbound freight costs, there is no problem in the model with double counting. To ensure model consistency, cost data used in developing the weighting schemes for imported raw materials also include dollars spent to deliver a good from its country of origin to its point of entry in the U.S. Therefore, just as the weights assigned to inbound freight may be slightly understated, weights assigned to imported raw materials may be slightly overstated.*

Processing Costs are dollars spent to transform raw materials into products. That spending includes:

- Wages paid to workers directly involved with transforming raw materials
- Fuels
- Electricity
- Freight costs associated with bringing raw materials to the factory floor

Capturing wage and inbound freight expenses is a fairly straightforward task for the LMIQ model. Fuel and electricity spending, however, is not. Data constraints prevent the LMIQ model from separating manufacturing process-related energy costs from overhead-related energy costs (e.g., heating corporate headquarters, running the computers in accounting, and the like). To overcome this data-reporting problem, the LMIQ model classifies all energy spending as process-

related. The reason for this assumption: energy costs associated with overhead-related activities tend to be a small portion of overall industry costs, so aggregating all energy costs together with processing costs has little impact on LMIQ model calculations. To use the reverse assumption could create a much more serious bias in LMIQ calculations, especially in large energy consumers like aluminum, steel mill, and other basic metal industries.

- **Production Labor Wages** are dollars spent on workers directly involved with processing raw materials into products. Benefits are excluded from this spending category, as are wages and salaries paid to overhead workers.
- **Fuels** captures dollars spent on petroleum, natural gas and coal inputs. Such costs do not include spending on fuel products that are actually transformed into a more finished product. For example, feedstock used in making plastic resins is not considered a fuel expense, but rather a raw materials expense. Fuel costs do include spending on both processing-related fuels and fuels used to support overhead activities.
- **Electricity** captures dollars spent on electricity used in support of both overhead and processing activities.
- **Inbound Freight** captures dollars spent to bring raw materials from domestic suppliers to the factory floor, or, in the case of imported raw materials, from ports of entry to the factory floor. In the LMIQ model, each material used in each industry has a unique freight cost profile. This is based on material-specific spending data for trucking, air cargo, rail, waterborne and, when appropriate, pipeline transportation.

OVERHEAD COSTS refer to a combined sum of spending on non-production labor and materials, purchased services, and distribution and outbound transportation. *Overhead spending, though not usually an important factor shaping short-run changes in output prices, can determine the long-run underlying path for prices.*

Labor (excluding production wages) includes dollars spent on labor that isn't directly tied to processing raw materials. *Overhead labor costs tend not to fluctuate (in the short-run) with changes in production levels. Most often, these costs play only a minor role in explaining changes in a given industry's product prices.* This category of spending includes:

- **Wages and salaries** are dollars spent to pay employees in overhead functions such as sales, accounting, administration, etc.
- **Benefits** are dollars spent on both required benefits (such as matching social security contributions) and voluntary benefits (such as vacation time and pensions).

Non-Production Materials Costs are dollars spent on items that do not appear to have any direct link to manufacturing activities. By process of elimination and understanding the bill of materials for production, the LMIQ model assumes, for example, that business forms used by the plastic fabricators industry are non-production materials costs. In the LMIQ model, non-manufacturing materials costs are divided into three categories:

- **U.S. made materials** captures dollars spent on materials (assumed to be purchased from domestic suppliers) that are used for overhead-related activities. Business forms and food purchased for the purpose of operating an employee cafeteria are examples of non-production materials.
- **Imported materials** are dollars spent on raw materials (assumed to be purchased from foreign suppliers) that are related to overhead activities. *Note, imported materials costs tend to be reported on a c.i.f. basis, so costs include delivery of a good from its country of origin to its place of entry in the U.S. Since freight costs associated with delivering imported goods to the borders of the U.S. are not included by the LMIQ model when calculating inbound freight costs, there is no problem in the model with double counting. For model consistency reasons, cost data used in developing the weighting schemes for imported materials also include dollars spent to deliver a good from its country of origin to its place of entry in the U.S. Therefore, just as the weights assigned to inbound freight may be slightly understated, weights assigned to imported materials may be slightly overstated.*
- **Inbound Freight** captures dollars spent to bring materials used for overhead functions from domestic suppliers to the purchasing establishment, or, in the case of imported materials, from ports of entry to the purchasing establishment. In the LMIQ model, each material used in each industry has a unique freight cost profile, based on material-specific spending data on trucking, air cargo, rail, waterborne and, when appropriate, pipeline transportation.

Purchased Services Costs are dollars spent on non-manufacturing-related services. The LMIQ model assumes expenses that are sensitive to changes in production levels are manufacturing-related. Other services are assumed to be overhead. When an electronics manufacturer spends money on metal plating and coating services, for example, this expense is classified with the bill of materials. Design-related services are the exception, however. When outside engineering services are acquired to design a new electronic component, this expense is classified as a purchased services cost. The LMIQ model looks at three types of purchased services:

- **Communication and non-energy utilities** capture dollars spent on telephone services, water, sewerage, trash collection, cable services, and radio and TV broadcasting.

- **Business services** capture dollars spent on activities including, banking, data processing, management consulting, advertising, testing, security, legal services and engineering services.
- **Other services** capture dollars spent on a wide range of loosely-related services including hotels, laundry services, repair shops, entertainment, auto rentals and repairs, job training and a variety of other services that can't be classified as business services or communications or utility services.

Distribution and Outbound Transportation Costs are dollars spent on storing inventory and finished products, and also bringing finished products to market. This includes warehousing costs as well as outbound surface and air transportation.

With respect to outbound transportation costs, the LMIQ model cannot distinguish between dollars spent moving products to customers and money spent transporting sales people and managers to meet customers or attend conferences. By process of elimination, any transportation costs that cannot be attributed to bringing raw materials to the factory floor or acquiring non-production materials are assigned to outbound transportation.

- **Warehousing Costs** are dollars spent on storing finished and unfinished goods. Data on warehousing costs is difficult to capture. Most industries in the LMIQ model have no costs assigned to this category. Instead, warehousing-related costs may be captured in other overhead categories such as surface transportation. When warehousing data exists, then the LMIQ model presents that data.
- **Surface Transportation** captures dollars spent to bring products to intermediate or final users using any mode of transportation except air.
- **Air transportation** captures dollars spent to bring products to intermediate or final users using air transportation.

MRO COSTS are defined as dollars spent on a set of goods and equipment (established by the analysts at Thinking Cap Solutions) that have a high likelihood of being used in maintenance, repair and operations-related activities. The LMIQ model cannot determine which dollars spent on this set of goods and equipment are actual MRO expenditures, only that this spending has a greater likelihood of being used for MRO activities.

CAPITAL EQUIPMENT COSTS are defined as dollars spent on equipment that has a high likelihood of being used as part of an industry's means of production rather than being incorporated into a unit of industry output.

Demand and Supply Definitions

U.S. End Market Growth measures the fluctuations in the size of domestic demand potential for a given industry. End-market growth is determined through the use of a specially constructed index. This index weights together output proxies for nearly all industries that are customers for any given supplier industry. The LMIQ model's growth metrics best capture demand strength for industries selling basic commodities and intermediate materials and supplies. End-market growth measures have some shortcomings when measuring growth for industries selling finished goods (especially capital equipment), but remain fairly reliable proxies of demand strength for a supplying industry's products.

Broad Sector-Level Capacity Utilization Rates are published by the Federal Reserve Board. These figures are not indexes, but rather represent the percent of total domestic sustainable practical capacity in use during a given month and are seasonally adjusted. We use the term "sector level" in order to remind users that the capacity utilization rates appearing in BasicIQ do not directly correspond to a 4-digit SIC. Instead, the rate applies to the more general 2-digit, or sometimes 3-digit industry, in which a given 4-digit industry belongs.

Upstream Capacity Utilization Rates are a concept unique to the LMIQ model. These are weighted averages of capacity utilization rates for suppliers of a given industry. The weights used in constructing this data concept are derived from detailed spending data of domestically purchased materials used directly in production. Both sector-level utilization rates and upstream rates are useful in anticipating supply bottlenecks. Comparing current utilization rates to average and record-high rates is a good way to gauge an industry's bottleneck potential.

Other Concepts Used in BasicIQ Reports

Costs Per \$100 of Product Sold (or Invoiced) is a unique data concept in the LMIQ model which shows how the revenues earned from product shipments are distributed throughout a given industry's cost structure. Changes in costs per \$100 of product sold reflect both changes in the amount spent to produce and bring product to market *and* changes in the price of the product. These figures are benchmarked to published survey and census data. The benchmarks are then adjusted by the LMIQ model to account for productivity changes, underlying technology and product line shifts, and model bias.

Per-Unit Costs is a term used to indicate that changes in a particular cost concept should be considered relative to the cost of making of a single unit of output. For example, if per-unit manufacturing costs for the widget industry are reported to have increased 10.0%, then we mean the amount spent to make a single average widget has increased 10.0%, i.e., a \$1 widget now costs \$1.10 to manufacture. Note: unlike the costs-per-\$100-of-product-sold concept, per-unit costs are unaffected by changes in the price of a unit of output.

Margins is a term, most often, used in conjunction with manufacturing spending per \$100 of product sold. In this context, margins equal the difference between manufacturing spending and revenue. For example, taking \$100 of revenue earned from selling widgets and subtracting \$65 (the amount spent to make a \$100 of widgets) yields a manufacturing margin of \$35. If manufacturing spending increases by \$1 per \$100 of product sold, then margins decrease by \$1.

In some cases, margin changes are used in conjunction with total costs. Here, overhead spending is figured into the calculation of margins. For example, taking \$100 of revenue earned from selling widgets and subtracting \$65 (the amount spent to make those widgets) and subtracting another \$25 (the amount spent in overhead to get the widgets to market) yields a total margin of \$10.

Overview of NAICS Code Structure for Manufacturing

NAICS Code	Subsector
311	Food
312	Beverage and tobacco products
313	Textile mills
314	Textile product mills
315	Apparel
316	Leather and allied products
321	Wood products
322	Paper
323	Printing and related support activities
324	Petroleum and coal products
325	Chemicals
326	Plastics and rubber products
327	Nonmetallic mineral products
331	Primary metals
332	Fabricated metal products
333	Machinery
334	Computer and electronic products
335	Electrical equipment, appliance, and components
336	Transportation equipment
337	Furniture and related products
339	Miscellaneous manufacturing
511	Publishing

NAICS CODE	INDUSTRY	Output Price Data	Detailed Cost Data	Detailed Spending Data	End Market Data
311	FOOD				
311111	Dog and Cat Food Manufacturing	YES	YES	YES	YES
311119	Other Animal Food Manufacturing	YES	YES	YES	YES
311211	Flour Milling	YES	YES	YES	YES
311212	Rice Milling	YES	YES	YES	YES
311213	Malt from Barley and Other Grains Mfg.	YES	YES	YES	YES
311221	Wet Corn Milling	YES	YES	YES	YES
311222	Soybean Processing	YES	YES	YES	YES
311223	Other Oilseed Processing (except Soybean)	YES	YES	YES	YES
311225	Fats and Oils Refining and Blending	YES	YES	YES	YES
311230	Breakfast Cereal Manufacturing	YES	YES	YES	YES
311311	Sugarcane Mills	YES	YES	YES	YES
311312	Cane Sugar Refining	YES	YES	YES	YES
311313	Beet Sugar Manufacturing	YES	YES	YES	YES
311320	Confectionary from Cacao Beans Mfg.	YES	YES	YES	YES
311330	Confectionery from Purchased Choc. Mfg.	YES	YES	YES	YES
311340	Nonchocolate Confectionery Mfg.	YES	YES	YES	YES
311411	Frozen Fruit, Juice and Vegetables Mfg.	YES	YES	YES	YES
311412	Frozen Specialty Food Mfg.	YES	YES	YES	YES
311421	Fruit and Vegetable Canning	YES	YES	YES	YES
311422	Specialty Canning	YES	YES	YES	YES
311423	Dried and Dehydrated Food Mfg.	YES	YES	YES	YES
311511	Fluid Milk Manufacturing	YES	YES	YES	YES
311512	Creamery Butter Manufacturing	YES	YES	YES	YES
311513	Cheese Manufacturing	YES	YES	YES	YES
311514	Dry and Condensed Dairy Products Mfg.	YES	YES	YES	YES
311520	Ice Cream and Frozen Dessert Mfg.	YES	YES	YES	YES
311611	Animal Slaughtering (except Poultry)	YES	YES	YES	YES
311612	Meat Processing from Carcasses	YES	YES	YES	YES
311613	Rendering and Meat Byproduct Processing	YES	YES	YES	YES
311615	Poultry Processing	YES	YES	YES	YES
311711	Seafood Canning	YES	YES	YES	YES
311712	Fresh and Frozen Seafood Processing	YES	YES	YES	YES
311812	Commercial Bakeries	YES	YES	YES	YES
311813	Frozen Cake and Other Pastry Mfg.	YES	YES	YES	YES
311821	Cookie and Cracker Mfg.	YES	YES	YES	YES
311822	Mixes and Dough (from Purchased Flour)	YES	YES	YES	YES
311823	Dry Pasta Manufacturing	YES	YES	YES	YES
311830	Tortilla Manufacturing	YES	YES	YES	YES
311911	Roasted Nuts and Peanut Butter Mfg.	YES	YES	YES	YES
311919	Potato Chips and Other Snack Food Mfg.	YES	YES	YES	YES
311920	Coffee and Tea Manufacturing	YES	YES	YES	YES
311930	Flavoring Syrup and Concentrate Mfg.	YES	YES	YES	YES
311941	Mayonnaise and Prepared Sauce Mfg.	YES	YES	YES	YES
311942	Spice and Extract Manufacturing	YES	YES	YES	YES
311991	Packaged Salad and Other Perishables Mfg.	YES	YES	YES	YES
311999	Dried Soups and Other Misc. Food Mfg.	YES	YES	YES	YES

NAICS CODE	INDUSTRY	Output Price Data	Detailed Cost Data	Detailed Spending Data	End Market Data
312	BEVERAGE & TOBACCO				
312111	Soft Drink Manufacturing	YES	YES	YES	YES
312112	Bottled Water Manufacturing	YES	YES	YES	YES
312120	Breweries	YES	YES	YES	YES
312130	Wineries	YES	YES	YES	YES
312140	Distilleries	YES	YES	YES	YES
312210	Tobacco Stemming and Redrying	YES	YES	YES	YES
312221	Cigarette Manufacturing	YES	YES	YES	YES
312229	Other Tobacco Product Mfg.	YES	YES	YES	YES
313	TEXTILE MILLS				
313111	Yarn Spinning Mills	YES	YES	YES	YES
313112	Yarn Texturing, Throwing and Twisting Mills	YES	YES	YES	YES
313113	Thread Mills	YES	YES	YES	YES
313210	Broadwoven Fabric Mills	YES	YES	YES	YES
313221	Narrow Fabric Mills	YES	YES	YES	YES
313222	Schiffli Machine Embroidery Mills	YES	YES	YES	YES
313230	Nonwoven Fabric Mills	YES	YES	YES	YES
313241	Weft Knit Fabric Mills	YES	YES	YES	YES
313249	Other Knit Fabric and Lace Mills	YES	YES	YES	YES
313311	Broadwoven Fabric Finishing Mills	YES	YES	YES	YES
313312	Textile and Fabric Finishing Mills	YES	YES	YES	YES
313320	Fabric Coating Mills	YES	YES	YES	YES
314	TEXTILE PRODUCT MILLS				
314110	Carpet and Rug Mills	YES	YES	YES	YES
314121	Curtain and Drapery Mills	YES	YES	YES	YES
314129	Towel and Other Household Textile Mills	YES	YES	YES	YES
314911	Textile Bag Mills	YES	YES	YES	YES
314912	Canvas and Related Product Mills	YES	YES	YES	YES
314991	Rope, Cordage and Twine Mills	YES	YES	YES	YES
314992	Tire Cord and Tire Fabric Mills	YES	YES	YES	YES
314999	All Other Misc. Textile Product Mills	YES	YES	YES	YES
315	APPAREL				
315111	Sheer Hosiery Mills	YES	YES	YES	YES
315119	Other Hosiery and Sock Mills	YES	YES	YES	YES
315191	Outerwear Knitting Mills	YES	YES	YES	NO
315192	Underwear and Nightwear Knitting Mills	YES	YES	YES	NO
315211	Men's Cut and Sew Apparel Contractors	YES	YES	YES	YES
315212	Women's Cut and Sew Apparel Contractors	YES	YES	YES	YES
315221	Men's Underwear and Nightwear Mfg.	YES	YES	YES	YES
315222	Men's Suit, Coat and Overcoat Mfg.	YES	YES	YES	YES
315223	Men's Shirt Mfg. (except Work Shirts)	YES	YES	YES	YES
315224	Men's Trouser and Jeans Manufacturing	YES	YES	YES	YES
315225	Men's Work Clothes Manufacturing	YES	YES	YES	YES
315228	Men's Other Outerwear Mfg.	YES	YES	YES	YES
315231	Women's Lingerie and Nightwear Mfg.	YES	YES	YES	YES
315232	Women's Blouse and Shirt Mfg.	YES	YES	YES	YES
315233	Women's Dress Manufacturing	YES	YES	YES	YES
315234	Women's Suit and Coat Manufacturing	YES	YES	YES	YES
315239	Women's Other Outerwear Mfg.	YES	YES	YES	YES
315291	Infants' Apparel Manufacturing	YES	YES	YES	YES
315292	Fur and Leather Apparel Manufacturing	YES	YES	YES	YES
315299	All Other Cut and Sew Apparel Mfg.	YES	YES	YES	YES
315991	Hat, Cap and Millinery Manufacturing	YES	YES	YES	YES
315992	Glove and Mitten Manufacturing	YES	YES	YES	YES
315993	Men's Neckwear Manufacturing	YES	YES	YES	YES
315999	Belts and Other Apparel Accessory Mfg.	YES	YES	YES	YES

NAICS CODE	INDUSTRY	Output Price Data	Detailed Cost Data	Detailed Spending Data	End Market Data
316	LEATHER & ALLIED PRODUCTS				
316110	Leather and Hide Tanning and Finishing	YES	YES	YES	YES
316211	Rubber and Plastics Footwear Mfg.	YES	YES	YES	YES
316212	House Slippers Manufacturing	YES	YES	YES	YES
316213	Men's Footwear Mfg. (except Athletic)	YES	YES	YES	YES
316214	Women's Footwear Mfg. (except Athletic)	YES	YES	YES	YES
316219	Infants' Shoes and Other Footwear Mfg.	YES	YES	YES	YES
316991	Luggage Manufacturing	YES	YES	YES	YES
316992	Women's Handbags and Purses Mfg.	YES	YES	YES	YES
316993	Personal Leather Goods Mfg.	YES	YES	YES	YES
316999	Leather Machinery Belts and Other Mfg.	YES	YES	YES	YES
321	WOOD PRODUCTS				
321113	Sawmills	YES	YES	YES	YES
321114	Wood Preservation	YES	YES	YES	YES
321211	Hardwood Plywood and Veneer Mfg.	YES	YES	YES	YES
321212	Softwood Plywood and Veneer Mfg.	YES	YES	YES	YES
321213	Engineered Wood Member Mfg.	YES	YES	YES	YES
321214	Wood Roof and Floor Truss Mfg.	YES	YES	YES	YES
321219	Particleboard and Related Product Mfg.	YES	YES	YES	YES
321911	Wood Windows and Door Mfg.	YES	YES	YES	YES
321912	Cut Stock Lumber Resawing and Planing	YES	YES	YES	YES
321918	Other Millwork (including Flooring)	YES	YES	YES	YES
321920	Wood Container and Pallet Mfg.	YES	YES	YES	YES
321991	Manufactured Home Mfg.	YES	YES	YES	YES
321992	Prefabricated Wood Building Mfg.	YES	YES	YES	YES
321999	Wood Ladders and All Other Wood Products	YES	YES	YES	YES
322	PAPER				
322110	Pulp Mills	YES	YES	YES	YES
322121	Paper Mills	YES	YES	YES	YES
322122	Newsprint Mills	YES	YES	YES	YES
322130	Paperboard Mills	YES	YES	YES	YES
322211	Corrugated and Solid Fiber Boxes Mfg.	YES	YES	YES	YES
322212	Folding Paperboard Boxes Mfg.	YES	YES	YES	YES
322213	Setup Paperboard Boxes Mfg.	YES	YES	YES	YES
322214	Fiber Cans, Tubes and Drums Mfg.	YES	YES	YES	YES
322215	Paperboard Sanitary Food Container Mfg.	YES	YES	YES	YES
322221	Coated and Laminated Packaging Paper	YES	YES	YES	YES
322222	Other Coated and Laminated Paper Mfg.	YES	YES	YES	YES
322223	Plastic, Foil and Coated Paper Bags	YES	YES	YES	YES
322224	Uncoated Paper and Multiwall Bags	YES	YES	YES	YES
322225	Flexible Packaging Laminated Foil Mfg.	YES	YES	YES	YES
322226	Other Surface-Coated Paperboard Mfg.	YES	YES	YES	YES
322231	Die-Cut Paper Office Supplies Mfg.	YES	YES	YES	YES
322232	Envelope Manufacturing	YES	YES	YES	YES
322233	Stationery and Related Product Mfg.	YES	YES	YES	YES
322291	Sanitary Paper Product Mfg. (Nonfood)	YES	YES	YES	YES
322299	All Other Converted Paper Product Mfg.	YES	YES	YES	YES

NAICS CODE	INDUSTRY	Output Price Data	Detailed Cost Data	Detailed Spending Data	End Market Data
323	PRINTING & RELATED SUPPORT ACTIVITIES				
323110	Commercial Lithographic Printing	YES	YES	YES	YES
323111	Commercial Gravure Printing	YES	YES	YES	YES
323112	Commercial Flexographic Printing	YES	YES	YES	YES
323113	Commercial Screen Printing	YES	YES	YES	YES
323114	Quick Printing	YES	YES	YES	YES
323115	Digital Printing	YES	YES	YES	YES
323116	Manifold Business Forms Printing	YES	YES	YES	YES
323117	Books Printing	YES	YES	YES	YES
323118	Blankbook and Looseleaf Binder Mfg.	YES	YES	YES	YES
323119	Other Commercial Printing	YES	YES	YES	YES
323121	Tradebinding and Postpress Services	YES	YES	YES	YES
323122	Prepress Services	YES	YES	YES	YES
324	PETROLEUM & COAL PRODUCTS				
324110	Petroleum Refineries	YES	YES	YES	YES
324121	Asphalt Paving Mixture and Block Mfg.	YES	YES	YES	YES
324122	Asphalt Shingle and Coating Materials Mfg.	YES	YES	YES	YES
324191	Petroleum Lubricating Oil and Grease Mfg.	YES	YES	YES	YES
324199	All Other Petroleum and Coal Products Mfg.	YES	YES	YES	YES
325	CHEMICALS				
325110	Ethylene, Benzene and Petrochemical Mfg.	YES	YES	YES	YES
325131	Inorganic Dye and Pigment Mfg.	YES	YES	YES	YES
325132	Synthetic Organic Dye and Pigment Mfg.	YES	YES	YES	YES
325181	Alkalies and Chlorine Manufacturing	YES	YES	YES	YES
325182	Carbon Black Manufacturing	YES	YES	YES	YES
325188	Sulfides and Other Inorganic Chemical Mfg.	YES	YES	YES	YES
325191	Gum and Wood Chemical Mfg.	YES	YES	YES	YES
325192	Cyclic Crude and Intermediate Mfg.	YES	YES	YES	YES
325193	Ethyl Alcohol Manufacturing	NO	YES	NO	YES
325199	Fatty Acids and Other Organic Chemical Mfg.	YES	YES	YES	YES
325211	Plastics Resins and Materials Mfg.	YES	YES	YES	YES
325212	Synthetic Rubber Manufacturing	YES	YES	YES	YES
325221	Cellulosic Organic Fibers and Filaments Mfg.	NO	YES	NO	YES
325222	Noncellulosic Organic Fibers Mfg.	YES	YES	YES	YES
325311	Nitrogenous Fertilizer Manufacturing	YES	YES	YES	YES
325312	Phosphatic Fertilizer Manufacturing	YES	YES	YES	YES
325314	Fertilizer Manufacturing (Mixing Only)	YES	YES	YES	NO
325320	Pesticide and Other Agricultural Chem. Mfg.	YES	YES	YES	YES
325411	Medicinal Chemical and Botanical Mfg.	YES	YES	YES	YES
325412	Pharmaceutical Preparation Mfg.	YES	YES	YES	YES
325413	In-Vitro Diagnostic Substance Mfg.	YES	YES	YES	YES
325414	Biological Product Mfg. (except Diagnostic)	YES	YES	YES	YES
325510	Paint and Coating Manufacturing	YES	YES	YES	YES
325520	Adhesive Manufacturing	YES	YES	YES	YES
325611	Soap and Other Detergent Mfg.	YES	YES	YES	YES
325612	Polishes and Other Sanitation Goods Mfg.	YES	YES	YES	YES
325613	Surface Active Agent Manufacturing	YES	YES	YES	YES
325620	Cosmetic and Other Toilet Preparation Mfg.	YES	YES	YES	YES
325910	Printing Ink and Inkjet Cartridge Mfg.	YES	YES	YES	YES
325920	Explosives Manufacturing	YES	YES	YES	YES
325991	Custom Compounding of Purchased Resins	YES	YES	YES	YES
325992	Photographic Film, Paper and Chemical Mfg.	YES	YES	YES	YES
325998	Indus. Salt and Misc. Chemical Product Mfg.	YES	YES	YES	YES

NAICS CODE	INDUSTRY	Output Price Data	Detailed Cost Data	Detailed Spending Data	End Market Data
326	PLASTICS & RUBBER PRODUCTS				
326111	Unsupported Plastics Bag Mfg.	YES	YES	YES	YES
326112	Unsupp. Plastics Packaging Film and Sheet Mfg.	YES	YES	YES	YES
326113	Plastics Film and Sheet Mfg. (Nonpackaging)	YES	YES	YES	YES
326121	Unsupported Plastics Profile Shapes Mfg.	YES	YES	YES	YES
326122	Plastics Pipe and Pipe Fitting Manufacturing	YES	YES	YES	YES
326130	Laminated Plastics Plate, Sheet and Shape Mfg.	YES	YES	YES	YES
326140	Polystyrene Foam Product Manufacturing	YES	YES	YES	YES
326150	Urethane and Other Foam Product Mfg.	YES	YES	YES	YES
326160	Plastics Bottle Manufacturing	YES	YES	YES	YES
326191	Plastics Plumbing Fixture Manufacturing	YES	YES	YES	YES
326192	Resilient Floor Covering Manufacturing	YES	YES	YES	YES
326199	Plastics Gloves and Misc. Plastics Product Mfg.	YES	YES	YES	YES
326211	Tire Manufacturing (except Retreading)	YES	YES	YES	YES
326212	Tire Retreading	NO	YES	NO	YES
326220	Rubber and Plastics Hoses and Belting Mfg.	YES	YES	YES	YES
326291	Rubber Product Mfg. (for Mechanical Use)	YES	YES	YES	YES
326299	Latex Foam and All Other Rubber Product Mfg.	YES	YES	YES	YES
327	NONMETALLIC MINERAL PRODUCTS				
327111	Vitreous China Bathroom Fixture Mfg.	YES	YES	YES	YES
327112	Earthenware and Other Pottery Product Mfg.	YES	YES	YES	YES
327113	Porcelain Electrical Supply Manufacturing	YES	YES	YES	YES
327121	Brick and Structural Clay Tile Manufacturing	YES	YES	YES	YES
327122	Ceramic Wall and Floor Tile Manufacturing	YES	YES	YES	YES
327123	Sewer Pipe and Other Structural Clay Mfg.	YES	YES	YES	YES
327124	Clay Refractory Manufacturing	YES	YES	YES	YES
327125	Nonclay Refractory Manufacturing	YES	YES	YES	YES
327211	Flat Glass Manufacturing	YES	YES	YES	YES
327212	Other Pressed and Blown Glass Mfg.	YES	YES	YES	YES
327213	Glass Packaging Container Manufacturing	YES	YES	YES	YES
327215	Glass Product Mfg. (from Purchased Glass)	YES	YES	YES	YES
327310	Cement Manufacturing	YES	YES	YES	YES
327320	Ready-Mix Concrete Manufacturing	YES	YES	YES	YES
327331	Concrete Block and Brick Manufacturing	YES	YES	YES	YES
327332	Concrete Pipe Manufacturing	YES	YES	YES	YES
327390	All Other Concrete Product Manufacturing	YES	YES	YES	YES
327410	Lime Manufacturing	YES	YES	YES	YES
327420	Gypsum Product Manufacturing	YES	YES	YES	YES
327910	Abrasive Product Manufacturing	YES	YES	YES	YES
327991	Cut Stone and Stone Product Manufacturing	YES	YES	YES	YES
327993	Fiberglass and Other Mineral Wool Mfg.	YES	YES	YES	YES
327999	Dry Mix Concrete and Other Mineral Prod. Mfg.	YES	YES	YES	YES
331	PRIMARY METALS				
331111	Iron and Steel Mills	YES	YES	YES	YES
331112	Electrometallurgical Ferroalloy Product Mfg.	YES	YES	YES	YES
331210	Iron and Steel Pipe and Tube Manufacturing	YES	YES	YES	NO
331221	Rolled Steel Sheet, Bar and Shapes Mfg.	YES	YES	YES	NO
331222	Steel Wire Drawing	YES	YES	YES	YES
331311	Alumina Refining	NO	YES	NO	YES
331312	Primary Aluminum Production	YES	YES	YES	YES
331314	Secondary Aluminum Smelting and Alloying	YES	YES	YES	NO
331315	Aluminum Sheet, Plate and Foil Manufacturing	YES	YES	YES	YES
331316	Extruded Aluminum Product Manufacturing	YES	YES	YES	NO
331319	Other Aluminum Rolling and Drawing	YES	YES	YES	YES
331411	Primary Copper Smelting and Refining	YES	YES	YES	YES
331419	Primary Lead, Zinc and Other Metal Production	YES	YES	YES	YES
331421	Copper Rolling, Drawing and Extruding	YES	YES	YES	YES

NAICS CODE	INDUSTRY	Output Price Data	Detailed Cost Data	Detailed Spending Data	End Market Data
331422	Copper Wire Drawing (except Mechanical)	YES	YES	YES	NO
331423	Secondary Copper Smelting and Alloying	YES	YES	YES	NO
331491	Nickel, Titanium and Other Metal Drawing	YES	YES	YES	YES
331492	Secondary Lead, Zinc and Other Refining	YES	YES	YES	YES
331511	Iron Foundries	YES	YES	YES	YES
331512	Steel Investment Foundries	YES	YES	YES	YES
331513	Steel Foundries (except Investment)	YES	YES	YES	YES
331521	Aluminum Die-Casting Foundries	YES	YES	YES	YES
331522	Other Nonferrous Die-Casting Foundries	YES	YES	YES	NO
331524	Aluminum Foundries (except Die-Casting)	YES	YES	YES	YES
331525	Copper Foundries (except Die-Casting)	YES	YES	YES	NO
331528	All Other Nonferrous Foundries	YES	YES	YES	NO
332	FABRICATED METAL PRODUCTS				
332111	Iron and Steel Forging	YES	YES	YES	YES
332112	Nonferrous Forging	YES	YES	YES	YES
332114	Custom Roll Formed Metal Product Mfg.	YES	YES	YES	YES
332115	Metal Crown and Closure Manufacturing	YES	YES	YES	YES
332116	Metal Stamping	YES	YES	YES	YES
332117	Powder Metallurgy Part Manufacturing	YES	YES	YES	YES
332211	Cutlery Mfg. (except Precious Metal)	YES	YES	YES	YES
332212	Hand and Edge Tool Mfg. (except Saws)	YES	YES	YES	YES
332213	Saw Blade and Handsaw Manufacturing	YES	YES	YES	YES
332214	Metal Kitchen Utensil, Pot and Pan Mfg.	YES	YES	YES	YES
332311	Prefab. Metal Bldg. and Components Mfg.	YES	YES	YES	YES
332312	Fabricated Structural Metal Manufacturing	YES	YES	YES	YES
332313	Fabricated Metal Plate Work Mfg.	YES	YES	YES	YES
332321	Metal Window and Door Manufacturing	YES	YES	YES	YES
332322	Sheet Metal Work Manufacturing	YES	YES	YES	YES
332323	Ornamental and Architectural Metal Work Mfg.	YES	YES	YES	YES
332410	Power Boiler and Heat Exchanger Mfg.	YES	YES	YES	YES
332420	Heavy-Gauge Metal Tank Manufacturing	YES	YES	YES	YES
332431	Metal Cans and Lids Manufacturing	YES	YES	YES	YES
332439	Other Light-Gauge Metal Container Mfg.	YES	YES	YES	YES
332510	Metal Hardware Manufacturing	YES	YES	YES	YES
332611	Heavy-Gauge Metal Spring Manufacturing	YES	YES	YES	YES
332612	Light-Gauge Metal Spring Manufacturing	YES	YES	YES	YES
332618	Metal Cloth and Other Wire Product Mfg.	YES	YES	YES	YES
332710	Machine Shops (Job Shops)	YES	YES	YES	YES
332721	Precision Turned Product Manufacturing	YES	YES	YES	YES
332722	Bolt, Nut, Screw, Rivet and Washer Mfg.	YES	YES	YES	YES
332812	Metal Coating and Nonprecious Engraving	YES	YES	YES	YES
332813	Metal Electroplating, Anodizing and Coloring	YES	YES	YES	YES
332911	Industrial Valve Manufacturing	YES	YES	YES	YES
332912	Fluid Power Valve and Hose Fitting Mfg.	YES	YES	YES	YES
332913	Metal and Plastic Plumbing Fixture Fitting Mfg.	YES	YES	YES	YES
332919	Metal Hose Coupling and Other Valve Mfg.	YES	YES	YES	YES
332991	Ball and Roller Bearing Manufacturing	YES	YES	YES	YES
332992	Small Arms Ammunition Manufacturing	YES	YES	YES	YES
332993	Bomb, Grenade and Other Ammunition Mfg.	YES	YES	YES	YES
332994	Small Firearms Manufacturing	YES	YES	YES	YES
332995	Other Ordnance and Accessory Mfg.	YES	YES	YES	YES
332996	Fabricated Metal Pipe and Fitting Mfg.	YES	YES	YES	YES
332997	Industrial Pattern Manufacturing	YES	YES	YES	YES
332998	Enameled Iron and Metal Sanitary Ware Mfg.	YES	YES	YES	YES
332999	Magnet and Other Fab. Metal Product Mfg.	YES	YES	YES	YES

NAICS CODE	INDUSTRY	Output Price Data	Detailed Cost Data	Detailed Spending Data	End Market Data
333	MACHINERY				
333111	Farm Machinery and Equipment Mfg.	YES	YES	YES	YES
333112	Lawn Mower and Related Garden Equip. Mfg.	YES	YES	YES	YES
333120	Construction and Logging Machinery Mfg.	YES	YES	YES	YES
333131	Underground Mining Machinery Mfg.	YES	YES	YES	YES
333132	Oil and Gas Field Machinery and Equip. Mfg.	YES	YES	YES	YES
333210	Sawmill and Woodworking Machinery	YES	YES	YES	YES
333220	Plastics and Rubber Industry Machinery Mfg.	YES	YES	YES	YES
333291	Paper Industry Machinery Manufacturing	YES	YES	YES	YES
333292	Textile Machinery Manufacturing	YES	YES	YES	YES
333293	Printing and Bookbinding Machinery Mfg.	YES	YES	YES	YES
333294	Food Product Machinery Manufacturing	YES	YES	YES	YES
333295	Semiconductor Industry Machinery Mfg.	YES	YES	YES	YES
333298	Chemical and Other Industry Machinery Mfg.	YES	YES	YES	YES
333311	Automatic Vending Machine Manufacturing	YES	YES	YES	YES
333312	Commercial Laundry Machinery Mfg.	YES	YES	YES	YES
333313	Mail Handling and Other Office Equip. Mfg.	YES	YES	YES	YES
333314	Optical Instrument and Lens Manufacturing	YES	YES	YES	YES
333315	Photographic and Photocopy Equipment Mfg.	YES	YES	YES	YES
333319	Other Commercial and Service Machinery Mfg.	YES	YES	YES	YES
333411	Stationary Air Purification Equipment Mfg.	YES	YES	YES	YES
333412	Industrial and Commercial Fan and Blower Mfg.	YES	YES	YES	YES
333414	Heating Equip. Mfg. (except Warm Air Furnaces)	YES	YES	YES	YES
333415	AC, Refrigeration and Forced Air Heating Equip.	YES	YES	YES	YES
333511	Industrial Mold Mfg. (for Casting and Forming)	YES	YES	YES	YES
333512	Metal Cutting Machine Tool Manufacturing	YES	YES	YES	YES
333513	Metal Forming Machine Tool Mfg.	YES	YES	YES	YES
333514	Special Tool, Die, Jig and Fixture Manufacturing	YES	YES	YES	YES
333515	Cutting Tool and Machine Tool Accessory Mfg.	YES	YES	YES	YES
333516	Rolling Mill Machinery Manufacturing	YES	YES	YES	YES
333518	Assembly and Other Metalwork Machine Mfg.	YES	YES	YES	YES
333611	Turbine and Turbine Generator Set Units Mfg.	YES	YES	YES	YES
333612	Speed Changers, Drives and Gears Mfg.	YES	YES	YES	YES
333613	Mechanical Power Transmission Equip. Mfg.	YES	YES	YES	YES
333618	Other Internal Combustion Engine Mfg.	YES	YES	YES	YES
333911	Pump and Pumping Equipment Manufacturing	YES	YES	YES	YES
333912	Air and Gas Compressor Manufacturing	YES	YES	YES	YES
333913	Measuring and Dispensing Pump Mfg.	YES	YES	YES	YES
333921	Elevator and Moving Stairway Manufacturing	YES	YES	YES	YES
333922	Conveyor and Conveying Equipment Mfg.	YES	YES	YES	YES
333923	Overhead Cranes, Hoists and Monorail Systems	YES	YES	YES	YES
333924	Industrial Truck (Forklift) and Stacker Mfg.	YES	YES	YES	YES
333991	Power-Driven Handtool Manufacturing	YES	YES	YES	YES
333992	Welding and Soldering Equipment Mfg.	YES	YES	YES	YES
333993	Packaging Machinery Manufacturing	YES	YES	YES	YES
333994	Industrial Process Furnace and Oven Mfg.	YES	YES	YES	YES
333995	Fluid Power Cylinder and Actuator Mfg.	YES	YES	YES	YES
333996	Fluid Power Pump and Motor Manufacturing	YES	YES	YES	YES
333997	Scales and Balances (except Lab) Mfg.	YES	YES	YES	YES
333999	Centrifuge and Other General Machinery Mfg.	YES	YES	YES	YES

NAICS CODE	INDUSTRY	Output Price Data	Detailed Cost Data	Detailed Spending Data	End Market Data
334	COMPUTER & ELECTRONIC PRODUCTS				
334111	PC, Mainframe and Other Computer Mfg.	YES	YES	YES	YES
334112	Computer Storage Device Manufacturing	YES	YES	YES	YES
334113	Computer Terminal Manufacturing	YES	YES	YES	YES
334119	Printer and Other Computer Peripheral Mfg.	YES	YES	YES	YES
334210	Telephone Apparatus Manufacturing	YES	YES	YES	YES
334220	Broadcast and Wireless Commun. Equip. Mfg.	YES	YES	YES	YES
334290	Alarm System, Signal and Other Equip. Mfg.	YES	YES	YES	YES
334310	Audio and Video Equipment Manufacturing	YES	YES	YES	YES
334411	Electron Tube Manufacturing	YES	YES	YES	YES
334412	Printed Circuit Bare Board Manufacturing	YES	YES	YES	YES
334413	Semiconductors and Related Device Mfg.	YES	YES	YES	YES
334414	Electronic Capacitor Manufacturing	YES	YES	YES	YES
334415	Electronic Resistor Manufacturing	YES	YES	YES	YES
334416	Electronic Coil and Transformer Mfg.	YES	YES	YES	YES
334417	Electronic Connector Manufacturing	YES	YES	YES	YES
334418	Printed Circuit Assemblies Manufacturing	YES	YES	YES	YES
334419	Switches and Other Electronic Component Mfg.	YES	YES	YES	YES
334510	Electromedical Apparatus Manufacturing	YES	YES	YES	YES
334511	Search, Detection and Navigation Instruments	YES	YES	YES	YES
334512	Automatic Environmental Control Mfg.	YES	YES	YES	YES
334513	Industrial Process Variable Instruments	YES	YES	YES	YES
334514	Totalizing Fluid Meters and Counting Devices	YES	YES	YES	YES
334515	Electricity and Signal Testing Instruments Mfg.	YES	YES	YES	YES
334516	Analytical Laboratory Instrument Mfg.	YES	YES	YES	YES
334517	Irradiation Apparatus Manufacturing	YES	YES	YES	YES
334518	Watch, Clock and Parts Manufacturing	YES	YES	YES	YES
334519	Other Measuring and Controlling Device Mfg.	YES	YES	YES	YES
334612	Audio and Video Media Reproduction	YES	YES	YES	YES
334613	Magnetic and Optical Recording Media Mfg.	YES	YES	YES	YES
335	ELECTRICAL EQUIPMENT, APPLIANCE & COMPONENTS				
335110	Electric Lamp Bulb and Parts Manufacturing	YES	YES	YES	YES
335121	Residential Electric Lighting Fixture Mfg.	YES	YES	YES	YES
335122	Nonresidential Electric Lighting Fixture Mfg.	YES	YES	YES	YES
335129	Streetlight and Misc. Other Lighting Fixture Mfg.	YES	YES	YES	YES
335211	Electric Housewares and Household Fan Mfg.	YES	YES	YES	YES
335212	Household Vacuum Cleaner Manufacturing	YES	YES	YES	YES
335221	Household Cooking Appliance Mfg.	YES	YES	YES	YES
335222	Household Refrigerator and Freezer Mfg.	YES	YES	YES	YES
335224	Household Laundry Equipment Mfg.	YES	YES	YES	YES
335228	Dishwasher and Other Major Home Appliance	YES	YES	YES	YES
335311	Electric Power and Specialty Transformer Mfg.	YES	YES	YES	YES
335312	Motor and Generator Manufacturing	YES	YES	YES	YES
335313	Switchgear and Switchboard Apparatus Mfg.	YES	YES	YES	YES
335314	Relay and Industrial Control Manufacturing	YES	YES	YES	YES
335911	Storage Battery Manufacturing	YES	YES	YES	YES
335912	Primary Battery Manufacturing	YES	YES	YES	YES
335921	Fiber Optic Cable Manufacturing	YES	YES	YES	YES
335929	Other Communication and Energy Wire Mfg.	YES	YES	YES	YES
335931	Current-Carrying Wiring Device Mfg.	YES	YES	YES	YES
335932	Noncurrent-Carrying Wiring Device Mfg.	YES	YES	YES	YES
335991	Carbon and Graphite Product Manufacturing	YES	YES	YES	YES
335999	Surge Suppressor and Misc. Elec. Equip. Mfg.	YES	YES	YES	YES

NAICS CODE	INDUSTRY	Output Price Data	Detailed Cost Data	Detailed Spending Data	End Market Data
336	TRANSPORTATION EQUIPMENT				
336111	Automobile Manufacturing	NO	YES	NO	YES
336112	Light Truck and Utility Vehicle Manufacturing	NO	YES	NO	YES
336120	Heavy Duty Truck Manufacturing	YES	YES	YES	YES
336211	Motor Vehicle Body Manufacturing	YES	YES	YES	YES
336212	Truck Trailer and Chassis Manufacturing	YES	YES	YES	YES
336213	Motor Home Manufacturing	YES	YES	YES	YES
336214	Recreational Travel Trailer and Camper Mfg.	YES	YES	YES	YES
336311	Carburetors, Piston and Engine Valve Mfg.	YES	YES	YES	YES
336312	Gasoline Engine and Engine Parts Mfg.	YES	YES	YES	YES
336321	Vehicular Lighting Equipment Mfg.	YES	YES	YES	YES
336322	Alternator and Other Vehicle Elec. Equip. Mfg.	YES	YES	YES	YES
336330	Steering and Suspension Component Mfg.	YES	YES	YES	YES
336340	Motor Vehicle Brake System Manufacturing	YES	YES	YES	YES
336350	Motor Vehicle Transmission and Parts Mfg.	YES	YES	YES	YES
336360	Motor Vehicle Seat and Interior Trimming Mfg.	YES	YES	YES	YES
336370	Motor Vehicle Metal Stamping	YES	YES	YES	YES
336391	Motor Vehicle Air-Conditioning System Mfg.	YES	YES	YES	YES
336399	Muffler, Radiator and Motor Vehicle Parts Mfg.	YES	YES	YES	YES
336411	Aircraft Manufacturing	YES	YES	YES	YES
336412	Aircraft Engine and Engine Parts Mfg.	YES	YES	YES	YES
336413	Other Aircraft Parts and Auxiliary Equip. Mfg.	YES	YES	YES	YES
336414	Guided Missile and Space Vehicle Parts Mfg.	NO	YES	NO	YES
336415	Guided Missile and Space Vehicle Parts Mfg.	NO	YES	NO	YES
336419	Other Guided Missile and Space Vehicle Parts	NO	YES	NO	YES
336510	Locomotive and Railroad Rolling Stock Mfg.	YES	YES	YES	YES
336611	Ship Building and Repairing	YES	YES	YES	YES
336612	Yacht, Sailboat and Other Boat Manufacturing	YES	YES	YES	YES
336991	Motorcycle, Bicycle and Parts Manufacturing	YES	YES	YES	YES
336992	Military Vehicle, Tank, and Tank Components	NO	YES	NO	YES
336999	ATV and All Other Transportation Equip. Mfg.	YES	YES	YES	YES
337	FURNITURE & RELATED PRODUCTS				
337110	Wood Kitchen Cabinet and Counter Top Mfg.	YES	YES	YES	YES
337121	Upholstered Household Furniture Mfg.	YES	YES	YES	YES
337122	Non-Upholstered Household Furniture Mfg.	YES	YES	YES	YES
337124	Metal Household Furniture Manufacturing	YES	YES	YES	YES
337125	Other Home Furniture (except Wood and Metal)	YES	YES	YES	YES
337127	Institutional Furniture Manufacturing	YES	YES	YES	YES
337129	Wood Television, Radio, and Other Cabinet Mfg.	NO	YES	NO	YES
337211	Wood Office Furniture Manufacturing	YES	YES	YES	YES
337212	Custom Architectural Woodwork and Millwork	YES	YES	YES	YES
337214	Office Furniture Mfg. (except Wood)	YES	YES	YES	YES
337215	Office and Retail Shelving and Fixture Mfg.	YES	YES	YES	YES
337910	Mattress Manufacturing	YES	YES	YES	YES
337920	Blinds and Other Window Treatment Mfg.	YES	YES	YES	YES

NAICS CODE	INDUSTRY	Output Price Data	Detailed Cost Data	Detailed Spending Data	End Market Data
339	MISCELLANEOUS MANUFACTURING				
339111	Laboratory Apparatus and Furniture Mfg.	YES	YES	YES	YES
339112	Surgical and Medical Instrument Mfg.	YES	YES	YES	YES
339113	Surgical and Safety Appliance and Supplies Mfg.	YES	YES	YES	YES
339114	Dental Equipment and Supplies Mfg.	YES	YES	YES	YES
339115	Ophthalmic Goods Manufacturing	YES	YES	YES	YES
339911	Precious Metal Jewelry and Related Mfg.	YES	YES	YES	YES
339912	Silverware and Plated Ware Manufacturing	YES	YES	YES	YES
339913	Jewelers' Materials and Lapidary Work Mfg	YES	YES	YES	YES
339914	Costume Jewelry and Related Novelties Mfg.	YES	YES	YES	YES
339920	Sporting and Athletic Goods Manufacturing	YES	YES	YES	YES
339931	Doll and Stuffed Toy Manufacturing	YES	YES	YES	YES
339932	Games and Children's Toys Manufacturing	YES	YES	YES	YES
339941	Pen, Marker and Mechanical Pencil Mfg.	YES	YES	YES	YES
339942	Artists' Pencils, Paints and Related Supplies	YES	YES	YES	YES
339943	Stamp, Stencil and Related Device Mfg.	YES	YES	YES	YES
339944	Carbon Paper and Inked Ribbon Mfg.	YES	YES	YES	YES
339950	Sign and Related Display Manufacturing	YES	YES	YES	YES
339991	Gasket, Packing and Sealing Device Mfg.	YES	YES	YES	YES
339992	Musical Instrument Manufacturing	YES	YES	YES	YES
339993	Fastener, Button, Needle and Pin Mfg.	YES	YES	YES	YES
339994	Broom, Brush and Mop Manufacturing	YES	YES	YES	YES
339995	Burial Casket Manufacturing	YES	YES	YES	YES
339999	All Other Misc. Manufactured Products Mfg.	YES	YES	YES	YES