

# Trucost Environmental Data – Private Companies

## Methodology

S&P Global Sustainable1 – September 2024

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# Terms and Definitions

- **Trucost Business Activities:** mapping of company economic activity segments to over 450 Trucost Business Activities, based on the North American Industry Classification System (NAICS)
- **Environmental intensity:** a metric of the environmental impacts of an economic activity per unit of revenue
- **Operational environmental impacts:** environmental impacts across a company's own operations
- **Supply chain environmental impacts:** environmental impacts across a company's entire global supply chain

# Introduction and Context

## What is Trucost Environmental Data – Private Companies?

Trucost Environmental Data – Private Companies dataset contains quantitative information on the environmental performance of private companies. The dataset is associated with approximately 500 distinct industry sectors across over 100 environmental key performance indicators (KPIs). The data covers hundreds of environmental issues encompassing greenhouse gas emissions, pollution to air, land & water, waste generation, and other natural resource use.

## Data Universe

The universe consists of private companies that have the required revenue and Primary Industry Classification (PIC) Level 4 details available. Financial information comes from S&P Global Market Intelligence's Private Company Financials dataset. More information about this dataset is available on S&P Global Marketplace [here](#).

## Historical Coverage

For private companies, historical data is available from 2005. For private companies newly added to the universe, history is created on a moving-forward basis.

## Environmental Research Process

S&P Global Sustainable1 (S1) follows a four-step research process designed to provide a transparent system for companies to verify their environmental performance profile, and, at any time, contribute their most recent data.

### Four-step research process

1. **MAP** company business segments:

Company business segments are mapped to more than 450 business activities in the S1 Environmentally Extended Input-Output Model ("the EEIO model"). The EEIO model is based on the North American Industry Classification System (NAICS), but has been customized, and goes into greater granularity in some areas, such as power generating utilities.

2. **ESTIMATE** data-modeled profile:

Once company business segments have been mapped to the Trucost Business Activities and their share of revenue apportioned to each, a data-modelled profile is generated for the company. The EEIO model is applied to estimate data for over 800 environmental and operational metrics across the entire operations of companies, from the raw materials they depend on in their supply chains, to the electricity they purchase to power their operations.

3. **COLLECT** public disclosure:

S1's research analysts search for environmental performance information in annual reports, sustainability reports, ESG reports, company websites, and other publicly disclosed sources. Third party datasets, like disclosures to the CDP, are also reviewed. Reported environmental performance data is then standardized to best practice guidelines so that it can be compared across companies, regions, and business activities. To

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correct reporting errors, vigorous data control procedures are applied, such as sector specialist data reviews, data sampling to detect errors, automated outlier identifications and year-on-year comparisons. Wherever a material metric is not disclosed or not sufficiently disclosed, its modelled value is used, thus ensuring that all data gaps have been filled.

4. **ENGAGE** with company:

S1 then conducts an annual engagement process with researched companies, providing an opportunity to verify environmental performance and provide additional information. Companies are further welcomed to contact S1 analysts at any point in their environmental reporting cycle to provide their most recently available data for review and possible incorporation.

### Application of Environmental Research Process to Private Companies

The below profiles refer to the applied methodology which derives the calculation for an environmental profile of a private company.

**Table 1: Private Companies Environmental Profiles**

Profile	Research Process	Analyst Intervention	Comments
Private Company, Fully Modeled Profile	No	No	Revenue and Industry Classification are populated automatically from the S&P Capital IQ Pro data feed and then a Trucost Business Activity is established based on the default mapping. See <i>Appendix</i> for details on default mapping.
Private Company, Sector Adjusted Profile	Steps 1 – 2	Yes	Analyst manually adjusts or refines the company’s business activities. Given the manual intervention by the analyst, a company may have more than one business activity assigned.
Private Company, Enhanced Research Profile	Steps 1 - 4	Yes	Analyst manually adjusts or refines company’s business activities, as well as reviews company environmental disclosure.

## Data Sources and Collection

The S&P Global Capital IQ's Industry Details (MI) structure consists of Sectors, Industry Groups, Industries, and Sub-Industries, which correspond to Levels 1, 2, 3 and 4, respectively. For the companies in the Trucost Environmental Data - Private Companies universe, revenue and industry classification data are based on published revenues and the S&P Capital IQ's Primary Industry (MI) and Industry Details (MI) components of corporate profiles, which contain Primary Industry Classification (PIC) Level 4 information.

**Table 2: Classification example**

Sector (Level 1)	Industry Group (Level 2)	Industry (Level 3)	Sub-Industry (Level 4)
Consumer Staples	Food and Staples Retailing	Food and Staples Retailing	Food Retail

The S1 EEIO model utilizes data from a variety of sources, including models developed from scientific literature, a wide array of national, international, and industry databases, industry “top-down” data, as well as sector-specific “bottom-up” data.

The table below gives a list of typical data sources for economic output, prices, resources, and emissions used by the S1 EEIO model.

**Table 3: Typical Data Sources for the S1 EEIO Model**

Data Category	Example Sources
Sector economic output	<ul style="list-style-type: none"> <li>United States Bureau of Economic Analysis (BEA)</li> </ul>
Resource use – energy, water, and land	<ul style="list-style-type: none"> <li>Industry and academic reports</li> <li>United States Department of Energy (DOE)</li> <li>Eurostat</li> </ul>
Emissions – greenhouse gases, air pollutants, land pollutants, and water pollutants	<ul style="list-style-type: none"> <li>Intergovernmental Panel on Climate Change (IPCC)</li> <li>Toxic Release Inventories</li> <li>Food and Agriculture Organization of the United Nations</li> <li>United States Energy Information Agency</li> <li>International Energy Agency (IEA)</li> </ul>

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# Methodology Overview

A rigorous research process is combined with S1's proprietary economic modelling to respond to the growing demand for:

- Greater transparency about corporate environmental performance
- Greater consistency in corporate environmental data
- Standardized corporate environmental reporting, making it easier for market participants to compare the impacts of different companies
- Support to adhere to new and evolving regulatory requirements
- Measuring environmental impact across a company's operations and supply chain
- Correction of reporting errors

## Estimating Environmental Impacts

### The S1 Environmentally Extended Input-Output Model ("the EEIO model")

The EEIO model is S1's core environmental profiling model for estimating the environmental impacts across private companies operations and supply chain tiers, including primary resource extraction, secondary processing, and final product assembly. This can be done in the absence of company disclosure or partial disclosure.

The EEIO model brings together S1's vast database of industry-specific environmental impact data with quantitative macroeconomic data on the flow of goods and services between different sectors in the economy. The EEIO model enables environmental impacts for a private company's own operations across its entire global supply chain to be estimated, associated with approximately 500 distinct industry sectors across over 100 environmental key performance indicators (KPIs).

The EEIO model covers the most material drivers of impacts across greenhouse gas emissions, pollution of air, land & water, waste generation, and other natural resource use. These environmental intensity factors are reported in units of emissions or resource use per million dollars of economic output, and are derived from a wide array of national, international, and industry databases as mentioned in Table 3. S1 assesses this data against the many thousands of disclosures we collect from companies during our annual engagement program. Where available, the S1 methodology uses country-specific information to inform global average intensity factors, which are weighted by production value. This approach allows us to consider differences in the emissions profiles of different sectors within the global model.

This model can be assessed against many years of data on quantitative environmental disclosures from thousands of companies.

### Strengths of the S1 EEIO model

#### *Quality of Data Sources*

S1 applies best-in-class scientific literature to calculate the environmental impacts of different business activities, including industry "top-down" data from the World Bank and U.S. Environmental Protection Agency, as well as sector-specific "bottom-up" data from the U.N. and peer-reviewed academic studies.

#### *Granularity of Analysis*

Many publicly available EEIO models may cover only a small proportion of business activities. To ensure the model is representative of dispersed company operations, we leverage granular industry datasets and apply global environmental factors to further disaggregate the coverage of discrete business activities. In particular, high-impact

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business activities, such as utilities and agriculture are split up to account for variations within the most environmentally significant business sectors.

*Regularity of Updates*

A frequent criticism of publicly available EEIO models is that they are out of date. In general, the environmental impact data is updated every year, and S1 engages with companies to incorporate the latest publicly disclosed and not publicly disclosed environmental performance information.

*Scope of Environmental KPIs*

Some models only estimate GHG emissions, but the Trucost Environmental Data’s approach calculates the environmental performance of companies across a broad range of environmental impact categories, including GHGs, air pollution, land pollution, water pollution, water use, and waste disposal.

**Calculation Overview**

Environmental impacts attributable to a business are calculated by using environmental intensities expressed as pollutant or resource use per unit of revenue. These are calculated by obtaining absolute emissions or resource data by sector and using this data in conjunction with financial data to create environmental intensities. The intensities are applied to financial information gained from ‘make and use’ tables provided by the United States Bureau of Economic Analysis to enable the EEIO model to calculate the environmental impacts of a company’s supply chain. These have been adapted so that the operational and supply chain emissions or resource use of approximately 500 distinct industry sectors can be calculated.

**Key Methodological Steps within the S1 EEIO model**

1. Selection of the sector(s) of interest from a list of approximately 500 distinct industry sectors
2. Calculation of environmental intensities
3. Modelling of operational environmental impacts
4. Modelling of supply chain environmental impacts
5. Outputs

**Illustration of the methodological steps**

The table below outlines the key methodological steps in this process as well as giving some examples at each of these stages.

*Table 4: Methodological Steps within the S1 EEIO model*

Methodological Step	Examples
1. Selection of the sector(s) of interest from a list of approximately 500 distinct industry sectors	Cotton farming; natural gas extraction; coal power generation; plastic bottle manufacturing

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<p>2. Calculation of environmental intensities</p>	<p>The environmental intensities are calculated in terms of metric tons or cubic meters per unit of revenue.</p> <p>Data is utilized from a wide array of supra-national, international, national, and industry bodies across a wide range of sectors and geographies.</p> <p>Impacts are calculated in one of six categories including:</p> <ul style="list-style-type: none"> <li>• Greenhouse gas emissions</li> <li>• Air pollutants</li> <li>• Land and water pollutants</li> <li>• Waste production</li> <li>• Water consumption</li> <li>• Natural resource use</li> </ul>
<p>3. Modeling of operational environmental impacts</p>	<p>Calculated using industry-specific environmental intensity factors for each of the sectors in which a company operates.</p>
<p>4. Modeling of supply chain environmental impacts</p>	<p>By combining the industry-specific environmental intensity described above with an expanded input-output database derived from the latest ‘make and use’ tables published by the United States Bureau of Economic Analysis, the environmental impacts within supply chains are estimated by applying environmental intensities to the flows of monetary transactions.</p> <p>The ‘make and use’ tables are expanded (1) to detail the ratio of expenditure from one sector with every other sector of the economy, termed “intermediate demands” and (2) to provide additional detail on several environmentally important sectors, such as the mining, power generation and wholesale and retail trade sectors, by disaggregating the tables proportionally.</p> <p>Note: The S1 EEIO model uses the US economy as a proxy for the world economy and as a starting point for the creation of its supply chain model.</p>
<p>5. Outputs</p>	<p>Over 100 qualified environmental impacts are classified into the categories listed above, which enables:</p> <ul style="list-style-type: none"> <li>• Identification of the companies or portfolios generating the greatest absolute and relative environmental impacts.</li> <li>• Identification of the most material environmental impacts for each company of portfolio.</li> <li>• Comparison of operational vs. supply-chain impacts.</li> </ul>

## Private Company, Fully Modeled Profile

### Financial Data

1. Revenue, financial year, local currency, and exchange rate are populated automatically from the S&P Global Capital IQ Pro data feed:
  - Revenue is converted to USD to enable integration within the S1 EEIO model.
  - Exchange rate is calculated as the average daily London spot rate over the entire financial year.

### Sector

2. PIC Sub-Industry is populated automatically from the S&P Global Capital IQ Pro data feed:
  - PIC Sub-Industry is converted to a Trucost Business Activity based on the default map, into a single sector, allocating 100% revenue (except when the sector adjusted approach (see *Table 1*) was taken in the previous year, in which the sector adjusted approach would continue). See *Appendix* for details on default mapping.
  -

### Environmental Estimated Data

3. The Fully Modeled Profile estimates the:
  - **Direct** environmental data for a private company based on the company's revenue and the Trucost Business Activity.
  - **Indirect** environmental data for a private company based on the company's revenue, Trucost Business Activity, and the company's spend information.

## Private Company, Sector Adjusted Profile

### Financial Data

1. Revenue, EBIT, EBITA, financial year, local currency, and exchange rate are populated automatically from the S&P Global Capital IQ Pro data feed:
  - Revenue is converted to USD to enable integration within the S1 EEIO model.
  - Exchange rate is calculated as the average daily London spot rate over the entire financial year.

### Sector

2. PIC Sub-Industry is populated automatically from the S&P Global Capital IQ Pro data feed:
  - PIC Sub-Industry is converted to a Trucost Business Activity based on the default map, into a single sector, allocating 100% revenue (except when the sector adjusted approach (see *Table 1*) was taken in the previous year, in which the sector adjusted approach would continue). See *Appendix* for details on default mapping.
  - Analyst maps the business activities into a multi-sector, if required, allocating % revenue to each other, as reported in the company report.

### Environmental Estimated Data

3. The Sector Adjusted Profile estimates the:
  - **Direct** environmental data for a private company based on the company's revenue and the Trucost Business Activity.
  - **Indirect** environmental data for a private company based on the company's revenue, Trucost

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Business Activity, and the company's spend information.

## Private Company, Enhanced Research Profile

### Financial Data

1. Revenue, EBIT, EBITA, financial year, local currency, and exchange rate are populated automatically from the S&P Global Capital IQ Pro data feed:
  - Revenue is converted to USD to enable integration within the S1 EEIO model.
  - Exchange rate is calculated as the average daily London spot rate over the entire financial year.

### Sector

2. PIC Sub-Industry is populated automatically from the S&P Global Capital IQ Pro data feed:
  - PIC Sub-Industry is converted to a Trucost Business Activity based on the default map, into a single sector, allocating 100% revenue (except when the sector adjusted approach (see *Table 1*) was taken in the previous year, in which the sector adjusted approach would continue). See *Appendix* for details on default mapping.
  - Analyst maps the business activities into a multi-sector, if required, allocating % revenue to each other, as reported in the company report.

### Environmental Data Disclosure

3. Analyst searches for environmental disclosure in public sources such as annual reports, CSR, ESG reports and company website, as well as review discloses to CDP e.g., Gross global scope 1 emissions.
4. Analyst collects disclosed greenhouse gases, fuel consumption, water, waste and natural resource use data from either public sources or CDP, depending on the coverage of the disclosure.

### Environmental Estimated Data

5. If the environmental disclosures are not available or insufficient quality e.g., does not cover consolidated operations, the Enhanced Research Profile estimates the:
  - **Direct** environmental data for a private company based on the company's revenue and the Trucost Business Activity.
  - **Indirect** environmental data for a private company based on the company's revenue, Trucost Business Activity, and the company's spend information.

# Monitoring and Review

All new methodologies and any material changes to existing methodologies are reviewed and approved by an independent methodology governance committee.

# Maintenance and Updates

Company profiles for Trucost Environmental Data – Private Companies are created when the required revenue and industry classification details are available.

The research process for Trucost Environmental Data – Private Companies is annual; each environmental data point is for a complete company financial year.

# Significant Updates

Document Version	Date	Changes
1.0	07/09/2019	Initial version
1.1	02/09/2024	<ul style="list-style-type: none"> <li>• <b>Research Process</b> <ul style="list-style-type: none"> <li>◦ Updated the section on the four-step research process.</li> </ul> </li> <li>• <b>Sources of Sustainable1 Data</b> <ul style="list-style-type: none"> <li>◦ Updated the list of typical data sources for economic output, prices, resources, and emissions.</li> </ul> </li> <li>• <b>Data Standardization/Calculation</b> <ul style="list-style-type: none"> <li>◦ Updated the section on the key methodological steps within the S1EEIO model.</li> </ul> </li> </ul>

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# Appendix

## Default Mapping Methodology

For generating a Trucost Environmental Profile for companies based on the single PIC Level 4 assigned, an approach is required to resolve any situations where multiple Trucost Business Activities map to a single PIC Level 4. To resolve this, we have created a default - or 'one-to-one' - Trucost Business Activity to PIC Level 4 concordance. In order to select the most appropriate Trucost Business Activity for each PIC, the following approach was taken:

1. Calculate the total Trucost Business Activity operational environmental intensity:
 
$$\sum \text{Direct Estimation Factors} \times \text{Damage Costs}$$
  - Direct Estimation Factors – operational intensity of each environmental impact per million USD
  - Damage Costs – cost per unit of each environmental impact
2. Weighted the total Trucost Business Activity by the percentage share of Trucost Business Activity in each PIC Level 4.
3. Calculated the mean total Trucost Business Activity operational environmental intensity weighted by Trucost Business Activity revenue share in each PIC.
  - The default mapping is the Trucost Business Activity which is the closest to the weighted average revenue share of total operational environmental intensity of all the Trucost Business Activities that are exposed to the PIC.
4. Conducted manual review of the above and adjust where required, based on sector definitions and consistency of approach among environmentally intensive PICs such as utilities and mining.

## Default Mapping Output

PIC	Trucost Business Activity
Advertising	Advertising and related services
Aerospace and Defense	Propulsion units and parts for space vehicles and guided missiles
Agricultural and Farm Machinery	Farm machinery and equipment manufacturing
Agricultural Products	All other crop farming
Air Freight and Logistics	Couriers and messengers
Airlines	Air transportation
Airport Services	Support activities for transportation
Alternative Carriers	Telecommunications
Aluminum	Secondary smelting and alloying of aluminum
Apparel Retail	Clothing and Clothing Accessories Stores
Apparel, Accessories and Luxury Goods	Other cut and sew apparel manufacturing
Application Software	Software publishers
Asset Management and Custody Banks	Funds, trusts, and other financial vehicles
Auto Parts and Equipment	Motor vehicle parts manufacturing
Automobile Manufacturers	Automobile manufacturing
Automotive Retail	Motor Vehicle and Parts Dealers
Biotechnology	Pharmaceutical preparation manufacturing
Brewers	Breweries
Broadcasting	Radio and television broadcasting
Building Products	Wood windows and doors and millwork

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Cable and Satellite	Internet service providers and web search portals
Casinos and Gaming	Hotels and motels, including casino hotels
Coal and Consumable Fuels	Bituminous Coal and Lignite Surface Mining
Commercial Printing	Printing
Commodity Chemicals	All other chemical product and preparation manufacturing
Communications Equipment	Telephone apparatus manufacturing
Computer and Electronics Retail	Electronics and Appliance Stores
Construction and Engineering	Nonresidential maintenance and repair
Construction Machinery and Heavy Trucks	Heavy duty truck manufacturing
Construction Materials	Stone mining and quarrying
Consumer Electronics	Audio and video equipment manufacturing
Consumer Finance	Nondepository credit intermediation and related activities
Copper	Copper Mining
Data Processing and Outsourced Services	Data processing, hosting, and related services
Department Stores	General Merchandise Stores
Distillers and Vintners	Wineries
Distributors	Motor Vehicle and Machinery, Equipment, and Supplies Wholesalers
Diversified Banks	Monetary authorities and depository credit intermediation
Diversified Capital Markets	Funds, trusts, and other financial vehicles
Diversified Chemicals	All other chemical product and preparation manufacturing
Diversified Metals and Mining	Primary smelting and refining of nonferrous metal (except copper and aluminum)
Diversified Real Estate Activities	Real estate
Diversified REITs	Real estate
Diversified Support Services	Dry-cleaning and laundry services
Drug Retail	Food, Beverage, Health, and Personal Care Stores
Education Services	Other educational services
Electric Utilities	Natural Gas Power Generation
Electrical Components and Equipment	Communication and energy wire and cable manufacturing
Electronic Components	Electronic connector manufacturing
Electronic Equipment and Instruments	Electricity and signal testing instruments manufacturing
Electronic Manufacturing Services	Electronic connector manufacturing
Environmental and Facilities Services	Waste management and remediation services
Fertilizers and Agricultural Chemicals	Fertilizer manufacturing
Financial Exchanges and Data	Securities, commodity contracts, investments, and related activities
Food Distributors	Grocery and Related Product Wholesalers
Food Retail	Food, Beverage, Health, and Personal Care Stores
Footwear	Footwear manufacturing
Forest Products	All other miscellaneous wood product manufacturing
Gas Utilities	Natural gas distribution
General Merchandise Stores	General Merchandise Stores
Gold	Gold Ore Mining
Health Care Distributors	Miscellaneous Nondurable Goods Wholesalers
Health Care Equipment	Surgical appliance and supplies manufacturing
Health Care Facilities	Hospitals
Health Care REITs	Real estate
Health Care Services	Offices of physicians, dentists, and other health practitioners
Health Care Supplies	Surgical and medical instrument manufacturing

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Health Care Technology	Computer systems design services
Heavy Electrical Equipment	Turbine and turbine generator set units manufacturing
Highways and Rail tracks	Support activities for transportation
Home Furnishings	Metal and other household furniture manufacturing
Home Improvement Retail	Building Material and Garden Equipment and Supplies Dealers
Homebuilding	Residential permanent site single- and multi-family structures
Home furnishing Retail	Furniture and Home Furnishings Stores
Hotel and Resort REITs	Real estate
Hotels, Resorts and Cruise Lines	Support activities for transportation
Household Appliances	Household laundry equipment manufacturing
Household Products	Soap and cleaning compound manufacturing
Housewares and Specialties	Pottery, ceramics, and plumbing fixture manufacturing
Human Resource and Employment Services	Employment services
Hypermarkets and Super Centers	General Merchandise Stores
Independent Power Producers and Energy Traders	Natural Gas Power Generation
Industrial Conglomerates	All other basic inorganic chemical manufacturing
Industrial Gases	Industrial gas manufacturing
Industrial Machinery	Industrial mold manufacturing
Industrial REITs	Real estate
Insurance Brokers	Insurance agencies, brokerages, and related activities
Integrated Oil and Gas	Crude Petroleum and Natural Gas Extraction
Integrated Telecommunication Services	Telecommunications
Interactive Home Entertainment	Software publishers
Interactive Media and Services	Internet service providers and web search portals
Internet and Direct Marketing Retail	Nonstore Retailers
Internet Services and Infrastructure	Data processing, hosting, and related services
Investment Banking and Brokerage	Securities, commodity contracts, investments, and related activities
IT Consulting and Other Services	Custom computer programming services
Leisure Facilities	Amusement parks, arcades, and gambling industries
Leisure Products	Motorcycle, bicycle, and parts manufacturing
Life and Health Insurance	Insurance carriers
Life Sciences Tools and Services	Scientific research and development services
Managed Health Care	Medical and diagnostic labs and outpatient and other ambulatory care services
Marine	Water transportation
Marine Ports and Services	Support activities for transportation
Metal and Glass Containers	Other plastics product manufacturing
Mortgage REITs	Funds, trusts, and other financial vehicles
Motorcycle Manufacturers	Motorcycle, bicycle, and parts manufacturing
Movies and Entertainment	Motion picture and video industries
Multi-line Insurance	Insurance carriers
Multi-Sector Holdings	Management of companies and enterprises
Multi-Utilities	Natural Gas Power Generation
Office REITs	Real estate
Office Services and Supplies	Office furniture manufacturing
Oil and Gas Drilling	Drilling oil and gas wells
Oil and Gas Equipment and Services	Support activities for oil and gas operations
Oil and Gas Exploration and Production	Crude Petroleum and Natural Gas Extraction

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Oil and Gas Refining and Marketing	Petroleum refineries
Oil and Gas Storage and Transportation	Pipeline transportation
Other Diversified Financial Services	Insurance carriers
Packaged Foods and Meats	Soybean and other oilseed processing
Paper Packaging	Paperboard container manufacturing
Paper Products	Paperboard Mills
Personal Products	Toilet preparation manufacturing
Pharmaceuticals	Pharmaceutical preparation manufacturing
Precious Metals and Minerals	Other Metal Ore Mining
Property and Casualty Insurance	Insurance carriers
Publishing	Internet publishing and broadcasting
Railroads	Rail transportation (Diesel)
Real Estate Development	Other nonresidential structures
Real Estate Operating Companies	Real estate
Real Estate Services	Real estate
Regional Banks	Monetary authorities and depository credit intermediation
Reinsurance	Insurance carriers
Renewable Electricity	Hydroelectric Power Generation
Research and Consulting Services	Management, scientific, and technical consulting services
Residential REITs	Real estate
Restaurants	Food services and drinking places
Retail REITs	Real estate
Security and Alarm Services	Investigation and security services
Semiconductor Equipment	Semiconductor machinery manufacturing
Semiconductors	Semiconductor and related device manufacturing
Silver	Other Metal Ore Mining
Soft Drinks	Soft drink and ice manufacturing
Specialized Consumer Services	Personal and household goods repair and maintenance
Specialized Finance	Nondepository credit intermediation and related activities
Specialized REITs	Real estate
Specialty Chemicals	Adhesive manufacturing
Specialty Stores	Miscellaneous Store Retailers
Steel	Iron ore mining
Systems Software	Software publishers
Technology Distributors	Electrical and Electronic Goods Wholesalers
Technology Hardware, Storage and Peripherals	Printed circuit assembly (electronic assembly) manufacturing
Textiles	Narrow fabric mills and schiffli machine embroidery
Thrifts and Mortgage Finance	Monetary authorities and depository credit intermediation
Tires and Rubber	Tire manufacturing
Tobacco	Tobacco product manufacturing
Trading Companies and Distributors	Motor Vehicle and Machinery, Equipment, and Supplies Wholesalers
Trucking	Truck transportation
Water Utilities	Water, sewage and other systems
Wireless Telecommunication Services	Telecommunications

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## Related Documentation

- *Trucost Environmental Data – Private Companies - Xpressfeed™ User Guide* – This user guide provides an overview of Trucost Environmental Data – Private Companies through Xpressfeed, including the data structure of the packages, database schema, specific details about working with the data, and a common way of querying data with SQL examples.
- *Trucost Environmental Data – Private Companies Item List* – This spreadsheet provides table names by package and *dataItemId*, *dataItemNames*, *dataItemDefinitions* that exist in each table.
- *S&P Capital IQ Base Files User Guide* – The Base Files associate companies, symbols, securities, and other objects across all S&P Capital IQ data sets. This guide describes the data structure of the Base Files as well as integration of the Base Files with other S&P Capital IQ data sets.
- *Xpressfeed Loader User Guide* – This user guide outlines the features and capabilities of the Xpressfeed Loader. The Xpressfeed Loader generates a database schema and structure and loads the data records as a set of fully indexed tables. The Loader automates the daily updates of records and keeps your database up to date.
- *Xpressfeed File Delivery Technical Guide* – This guide provides information for clients who download S&P Global Market Intelligence data files directly from our server and write their own loading procedures.
- *File Format Spreadsheets* – These spreadsheets contain full and change file zip file prefixes, individual text file names, and information for each column in the file (e.g., column names, column data types, whether the column is nullable, and primary keys).
- *Xpressfeed File Delivery Schedule* – This spreadsheet provides expected full and change file delivery times as well as the length of time the files remain on the server.
- *SNL Reference Data User Guide* – This user guide provides the schema for the SNL Reference package and detailed descriptions of all tables and fields; information on how to link SNL Reference data to S&P Capital IQ data sets or to Compustat data using the Company Cross Reference File; and common ways of querying SNL

If you are linking to other S&P Global Market Intelligence data sets, supporting documents are available on the S&P Global Marketplace [website](#).

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