

Global Supply Chain Relationships (“GSCR”) Dataset

Product Description + Frequently Asked Questions

Product Description

Information sources are public company filings, investor presentations, press releases, news, research reports, and earnings call transcripts.

New data points are captured by our research team daily, and while the period between when relevant information first becomes available in the public domain, and when it is captured in our database and published via our product, varies by country and exchange, for the vast majority of cases, this lag period is less than 1 month.

U.S. data is available from 2005, non-U.S. data is available from 2010 or later.

Scope of Coverage

- ~18,000 public companies comprising of our core research coverage.
- ~22,000 additional private companies, government agencies, and other entities captured as customers of core research coverage public companies.
- Coverage consists of companies domiciled in 140 countries and traded on 120 exchanges (counting all exchange tiers)

Product Data Tables

- Supply Chain Relationships table consisting of supplier-customer relationships over time.
- Symbology table mapping entities to unique identifiers, including International Securities Identification Number (ISIN) for publicly-traded companies.

Key Data Features

- Comprehensive Entity Resolution – various primary sources may refer to a single entity using a variety of aliases, we ensure supplier and/or customer relationships to that entity are captured in our data set as a single data entity represented by a unique identifier.
- Ultimate Parent Mapping – our product identifies the ultimate parent of any subsidiary entity that is named by companies in our core research coverage as a customer or supplier.
- Point-in-Time Representation – historical supply chain relationships prior to May 2018 (initial product launch) are represented as they existed during the corresponding point in time.

Publish Frequency & Approach

- Monthly publishing
- Complete snapshot of product database on every publish date

Supply Chain Relationships Table Data Fields Descriptions

DATA FIELD NAME	FORMAT	DESCRIPTION
Publish Date	<i>yyyymmdd</i>	The value of the Publish Date will be the same for every record in a single publishing of a Supply Chain Relationships table. The corresponding Symbology table will have the same date in its "Publish Date" data field.
Public Domain Date	<i>yyyymmdd</i>	The year, month, and day this supplier-customer relationship data point became available in the public domain through company filings or other official means of disclosure.
Accounting As Of Date	<i>yyyymmdd</i>	The date of the financial reporting period (jointly defined by the Reporting Year and Reporting Period data fields) during which the disclosing entity is reporting this supplier-customer relationship data point.
Supplier Name	String	The name of the supplier entity in this supplier-customer relationship data point. Additional information about this supplier not in this Supply Chain Relationship table can be found in the accompanying Symbology table by matching the Supplier Exchange + Supplier Ticker to the "Ticker" primary key data field in the Symbology table.
Supplier ISIN	String	The ISIN of the supplier entity in this supplier-customer relationship data point. Please reference the definition of the "ISIN" data field in the Symbology Table Data Fields Description of this documentation for additional information on ISINs. Additional information about this supplier not in this Supply Chain Relationship table can be found in the accompanying Symbology table by matching the Supplier Exchange + Supplier Ticker to the "Ticker" primary key data field in the Symbology table.
Supplier LEI	String	The LEI of the supplier entity in this supplier-customer relationship data point. Please reference the definition of the "LEI" data field in the Symbology Table Data Fields Description of this documentation for additional information on LEIs. Additional information about this supplier not in this Supply Chain Relationship table can be found in the accompanying Symbology table by matching the Supplier Exchange + Supplier Ticker to the "Ticker" primary key data field in the Symbology table.
Supplier Exchange	String	If the supplier entity is a public company, this data field contains the exchange code for where the Supplier ISIN security is listed. If the supplier is not a public company (private companies, government agencies, academic institutions, and other types of organizations), then this field will contain the value "Private". The combination of Supplier Exchange and Supplier Ticker strings can be used as a primary key value for the "Ticker" data field in the Symbology table.
Supplier Ticker	String	If the supplier entity is a public company, this data field contains the ticker symbol of the security referenced by the ISIN in the Supplier ISIN data field.

		<p>If the supplier is not a public company, then this field will contain an alphanumeric string that is our convention.</p> <p>The combination of Supplier Exchange and Supplier Ticker strings can be used as a primary key value for the “Ticker” data field in the Symbology table.</p>
Customer Name	String	<p>The name of the customer entity in this supplier-customer relationship data point.</p> <p>Additional information about this customer not in this Supply Chain Relationship table can be found in the accompanying Symbology table by matching the Customer Exchange + Customer Ticker to the “Ticker” primary key data field in the Symbology table.</p>
Customer ISIN	String	<p>The ISIN of the customer entity in this supplier-customer relationship data point.</p> <p>Please reference the definition of the “ISIN” data field in the Symbology Table Data Fields Description of this documentation for additional information on ISINs.</p> <p>Additional information about this customer not in this Supply Chain Relationship table can be found in the accompanying Symbology table by matching the Customer Exchange + Customer Ticker to the “Ticker” primary key data field in the Symbology table.</p>
Customer LEI	String	<p>The LEI of the customer entity in this supplier-customer relationship data point.</p> <p>Please reference the definition of the “LEI” data field in the Symbology Table Data Fields Description of this documentation for additional information on LEIs.</p> <p>Additional information about this customer not in this Supply Chain Relationship table can be found in the accompanying Symbology table by matching the Customer Exchange + Customer Ticker to the “Ticker” primary key data field in the Symbology table.</p>
Customer Exchange	String	<p>If the customer entity is a public company, this data field contains the exchange code for where the Customer ISIN security is listed.</p> <p>If the customer is not a public company (private companies, government agencies, academic institutions, and other types of organizations), then this field will contain the value “Private”.</p> <p>The combination of Customer Exchange and Customer Ticker strings can be used as a primary key value for the “Ticker” data field in the Symbology table.</p>
Customer Ticker	String	<p>If the customer entity is a public company, this data field contains the ticker symbol of the security referenced by the ISIN in the Customer ISIN data field.</p> <p>If the customer is not a public company, then this field will contain an alphanumeric string that is our convention.</p> <p>The combination of Customer Exchange and Customer Ticker strings can be used as a primary key value for the “Ticker” data field in the Symbology table.</p>

Reporting Year	yyyy OR <blank>	<p>The fiscal reporting year of the entity disclosing this supplier-customer relationship.</p> <p>If this relationship is non-quantifiable, then this data field will be <blank>. Additionally, the Reporting Period, Revenue Dependency, and Revenue Dependency data fields will also be <blank>, and the Revenue Dependency Annotation data field will have the value “Non Quantifiable”.</p>
Reporting Period	Enumeration (5)	<p>The fiscal reporting period within the Year of the entity disclosing this supplier-customer relationship. There are five (5) possible enumerated values:</p> <ul style="list-style-type: none"> i) “1” – indicating first fiscal quarter. ii) “2” – indicating second fiscal quarter OR first fiscal half year. iii) “3” – indicating third fiscal quarter. iv) “99” – indicating full fiscal year. v) <blank> – used if this relationship is non-quantifiable. The Reporting Year and Revenue Dependency data fields will also be <blank>, and the Revenue Dependency Annotation data field will have the value “Non Quantifiable”. <p>Companies that report on a semi-annual basis only report first half supply chain exposure (“2”) and full year supply chain exposure (“99”), they do not report on second half exposure; as such these companies will not have “1” and “3” data points.</p> <p>Companies that only report on an annual basis will only have “99” data points. For 2015 and prior, the GSCR only captures annual data points (“99”).</p> <p>If companies change their reporting frequency over time, the types of Reporting Period data points for that company will reflect those of the company at that corresponding point-in-time.</p>
Revenue Dependency	Decimal or <blank>	<p>The amount of the supplier’s revenue generated from the customer, expressed as a percentage if possible.</p> <p>The value can either be a positive decimal number (i.e. “0.145” representing 14.5%), “0.0”, or <blank>.</p> <p>If the value is “0.0”, then the disclosing entity explicitly stated that the supplier-customer relationship was terminated during the corresponding fiscal reporting period.</p> <p>If this relationship is non-quantifiable, then this data field will be <blank>. Additionally, the Reporting Year and Reporting Period data fields will also be <blank>, and the Revenue Dependency Annotation data field will have the value “Non Quantifiable”.</p>
Revenue Dependency Annotation	Enumeration (5)	<p>Describes the nature of how the decimal value in the Revenue Dependency filed was captured via our research process. There are five (5) possible enumerated values for this data field:</p> <ul style="list-style-type: none"> 1) “Actual” – indicating that the disclosing entity (almost always supplier) explicitly quantified the revenue dependency indicated in the corresponding Revenue Dependency data field. This includes “0.0”, which indicates that the disclosing entity explicitly stated that the relationship was terminated.

		<p>2) “Greater Than” – indicating that the disclosing entity (almost always supplier) explicitly stated that the revenue dependency is greater than the threshold number indicated in the corresponding Revenue Dependency data field. No additional level of precision was disclosed or can be reliably reduced.</p> <p>3) “Less Than” – indicating that the disclosing entity (almost always supplier) explicitly stated that the revenue dependency is less than the threshold number indicated in the corresponding Revenue Dependency data field. No additional level of precision was disclosed or can be reliably reduced.</p> <p>4) “Estimated” – indicating that while the disclosing entity (almost always supplier) did not explicitly disclose an exact or threshold revenue dependency, we were able to estimate, using primary research and rigorous analysis, the quantifiable value indicated in the corresponding Revenue Dependency data field. Depending on the worldwide exchange, estimated values can account for less than 1% to almost 10% of total quantifiable supplier-customer relationships.</p> <p>5) Non Quantifiable – this relationship is non-quantifiable. The Reporting Year and Revenue Dependency data fields will also be <blank>, and the Revenue Dependency Annotation data field will have the value “Non Quantifiable”.</p>
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Symbology Table Data Fields Descriptions

DATA FIELD NAME	FORMAT	DESCRIPTION
Publish Date	yyyymmdd	The value of the Publish Date will be the same for every record in a single publishing of a Symbology table. The corresponding Supply Chain Relationships table will have the same date in its “Publish Date” data field.
Ticker	String	Primary key for the Symbology table containing a unique identifier for each entity in the GSCR data set.
LEI	String	If this entity has a LEI identifier, this field will contain the identifier. This data field will be <blank> otherwise. LEI, or Legal Entity Identifier, is a global standard (ISO 17442) used to identify legal entities.
ISIN	String	If this entity is: i) a publicly-traded company with one or more ISIN-linked equity securities, or ii) a non-publicly-traded company that has issued one or more ISIN-linked debt securities, this field will contain the primary ISIN for that entity. This data field will be <blank> otherwise. ISIN, or International Securities Identification Number, is a global standard used to identify securities.
Company Name	String	Our naming convention for this entity which was captured via our research process for the GSCR data set.
Country	String	The country in which this entity is headquartered.
Company Status	Enumeration (7)	A categorization of the operating status of the entity. This data field provides insight into point-in-time state of entities in the GSCR data set. There are 6 status categories: 1) Operating

		<ul style="list-style-type: none"> 2) Acquired 3) In the process of being liquidated 4) Subsidiary 5) In process of reorganization 6) No longer in business <p>Operating and Operating Subsidiary categories consists of over 90% of the status of all entities in the GSCR data set.</p> <p>If this data field contains a <blank> value, it means that our research process has not assigned a status.</p> <p>This operating status categories enumerated in this data field do not correspond to any widely adopted standard and should be used principally for cursory analysis purposes.</p>
Organization Type	Enumeration (11)	<p>A categorization of the entity type. There are 11 type categories:</p> <ul style="list-style-type: none"> 1) Arts Organization 2) Association 3) Educational Institution 4) Fund 5) Government Institution 6) Investment Firm 7) Non-Profit Organization 8) Company 9) Religious Organization 10) Union <p>If this data field contains a <blank> value, it means our research process has not yet assigned a type.</p> <p>This organization type categories enumerated in this data field do not correspond to any widely adopted standard and should be used principally for cursory analysis purposes.</p>