

# REFINITIV QUANTITATIVE ANALYTICS

**QA DIRECT**

## **DATABASE SCHEMA FOR ESG DATA**

**VERSION 1.0.4**

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# 1 Introduction

## In This Document

This document provides schema information about the **ESG** tables in QA Direct.

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**Note:** For information about the other QA Direct tables, refer to the other Database Schema documents posted on the [QA Direct](#) product page on [MyRefinitiv](#).

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The documentation for each table includes these main elements:

- **Vendor Database or License Name** – This element provides the vendor database or license name. Vendor databases generally correspond to vendor licensing options.
- **Table Name: Table Title** – This element provides the table name and title, followed by a description of the table contents.
- **Update Cycle** – This element indicates the frequency of updates from the data vendor. (For specific information about when this update is posted for your use, refer to your update logs. The update log schema description is available in the Database Schema for QA Direct Core Tables document.)
- **Adjusted** – This element indicates whether the data is stored adjusted, unadjusted, or if adjustment is not applicable (N/A).
- **Indexes, Index Fields** – This element lists the table's index(es) (for example, pkey\_CSGCAD) and the index fields. The primary index contains a "pkey\_" or "PK\_" prefix. Clustered indexes are noted.
- **Field, Type, Nullable, Definition** – This element describes the table's fields, including field names, data types, and whether each field is nullable.

## Intended Readership

This document is intended for QA Direct clients licensed to use ESG data through Refinitiv. Note that the tables described in this document may be covered by several licenses; your access to the data in these tables is dependent on the licenses you have.

Readers should have basic knowledge of Microsoft SQL Server 2005/2008.

## Table Name Conventions

In QA Direct, database tables are grouped by name. Generally, the first few letters of the table name refer to the data vendor or licensing group. For example, all tables beginning with **A4\*** are ESG data tables.

## Mapping Information

When mapping ESG content, use the VenType and VenCode values shown in the following tables. (For more information about mapping or for other vendors' VenType and VenCode values, refer to the Database Schema for QA Direct Core Tables document, available on [MyRefinitiv](#).)

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**Note:** We recommend that you use the expanded master tables (SecMapX and GSecMapX) because they offer enhanced mapping functionality compared to the legacy master tables (SecMap and GSecMap).

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### Security VenType Mapping for the SecMapX and GSecMapX Tables

Vendor	SecMapX/GSecMapX VenType	Vendor Table(s)	Vencode = [field]
ESG	46	A4CmplInfo	OrgID

### Security VenType Mapping for the SecMap Table

Vendor	SecMap VenType	Vendor Table	Vencode = [field]
ESG	46	A4CmplInfo	OrgId

### Security VenType Mapping for the GSecMap Table

Vendor	GSecMap VenType	Vendor Table	Vencode = [field]
ESG	46	A4CmplInfo	OrgId

## Pervasive and Oracle

This document is specific to Microsoft SQL Server 2005/2008.

If you are accessing the data directly through the Pervasive database, you may encounter slight differences in index names and data types. Please note that references to Pervasive and Actian are synonymous.

If you are accessing the data through Oracle, note that field names that correspond to Oracle reserved words are appended with an underscore. For example, field names “Number”, “Synonym”, and “UID” become “Number\_”, “Synonym\_”, and “UID\_” in Oracle.

## Zero Values and Nulls

Null values are usually recorded as “NULL”. Occasionally, a table may contain a value of “-99999” or “-9999”; in these cases, there is no recorded data for that period. (It is null.)

If the table contains a “0” value, the data was reported as having a “0” value.

## Service and Support

[MyRefinitiv](#) is the Refinitiv portal that provides a single access point for timesaving support services, along with billing, user management, and information.

### Statement of Service

The *QA Direct Service Description* is available on the [QA Direct](#) product page at MyRefinitiv.

### Subscribe to Support Channels

You are encouraged to [subscribe](#) to the following support channels to keep informed of changes to products and data, and to be notified of any service issues or change. Please see the *Alerts and Notifications* section in the *QA Direct Service Description* available on the [QA Direct](#) product page at MyRefinitiv for detailed instructions.

- **Change Notifications**
  - **Product Change Notifications (PCNs)** detail new, enhanced, or changed functionality, which may require your action, in products that you use.
  - **Content Notifications (DNs)** alert you to upcoming changes to real-time and historical data across all asset classes that are relevant to you.
  - **RIC Change Events** inform you of planned changes to Refinitiv Identification Codes.
- **Service Alerts**

Alert you about planned maintenance and unplanned service issues affecting your products and services, and be notified via SMS or email.

### Documentation

You can access product documentation on the [QA Direct](#) product page at MyRefinitiv.

### Get Support

For support using QA Direct, please use one of the following methods:

#### Online

Access [Get Support](#) either via the blue **Get Support** button at the top right of each page or by selecting *Get Support* located under *Help and Support* on the left navigation pane at [MyRefinitiv](#).

From the *Get Support* page, choose *Get Product and Content Support* and then select the appropriate category from the next page. Complete the request making sure to include the following:

- Under Product, select QADirect or Market QA from the drop down list.
- In the “How can we help you?” text box, include the following information:
  - Content set name (i.e. Worldscope)
  - Date applicable to a content inquiry
  - Table names and relevant fields
  - Security code (i.e. QA-ID, PermID, Sedol, InfoCode, etc.)
  - Script used to generate the output

- Any other supporting detail

## Telephone

QA Support: 1.866.427.8390

- Option 1 – Product Support
- Option 2 – Technical Support.

## Feedback

We invite your comments, corrections, and suggestions about this document: access the [Feedback](#) option under [Get Support](#) at [MyRefinitiv](#). Your feedback helps us continue to improve our user assistance.

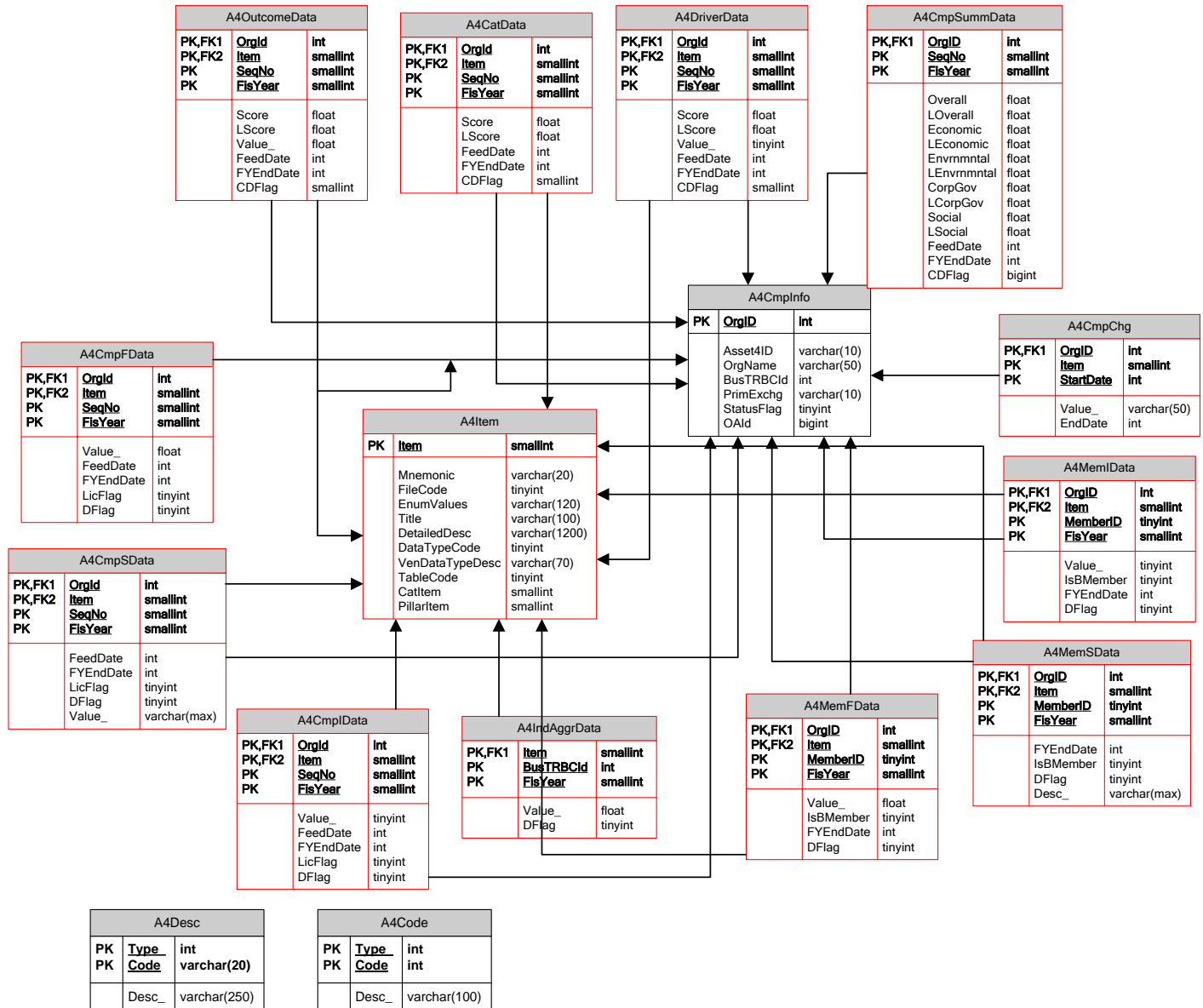
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## 2 ESG Database Schema

The following diagram shows the relationships between the ESG tables.



## A4CatData: Category Scores Data

This table provides a snapshot of the scores associated with each category. The scores are provided for each organization on a yearly basis.

**Update Cycle:** Once every two weeks for incremental files. Once a year for history files.

**Adjusted:** N/A

Indexes		Index Fields	
pkey_A4CatData (Clustered)		OrgID, Item, SeqNo, FisYear	

Field	Type	Nullable	Description
OrgID	int	N	OrgID is the unique identifier for each organization provided by ESG.
Item	smallint	N	Item is a unique code that identifies each category. The item range for categories is 835 – 852. Refer to the A4Item table for more information.
SeqNo	smallint	N	SeqNo notes the changes that occur in the values. SeqNo is defined for future implementation of Point in Time data. For the current implementation, the SeqNo will always be 1.
FisYear	smallint	N	FisYear is the particular year for which the data is defined.
Score	float	Y	Score is the score associated with the specific category.
LScore	float	Y	LScore is the latest score associated with the specific category.
FeedDate	datetime	Y	FeedDate denotes the feed date, which comes in the feed file. This field is only significant when Point in Time data is implemented. For the present implementation, the date in the feed file is updated when there is a change in the existing value. This date will correspond to the date when the scores are recalculated or modified by the vendor.
FYEndDate	datetime	Y	FYEndDate is the Fiscal Year End Date value as provided in the feed.
CDFlag	smallint	Y	CDFlag describes the DFlag value, which is calculated when special values like NA, N/F, or N/R come in the feed.

## A4CmpChg: Data Change Information

This table contains any changes to the OrgName, Asset4Id, Primary Exchange, or TRBC Code data that comes in the feed.

**Update Cycle:** Once every two weeks for incremental files. Once a year for history files.

**Adjusted:** N/A

Indexes		Index Fields	
pkey_A4CmpChg (Clustered)		OrgID, Item, StartDate	

Field	Type	Nullable	Description
OrgID	int	N	OrgID is the unique identifier for each organization provided by ESG.

Field	Type	Nullable	Description
Item	smallint	N	Item is a unique code that identifies each data point in the feed.
StartDate	datetime	N	StartDate is the earliest year associated with the value.
Value_	varchar(50)	Y	Value_ is the value corresponding to the item.
EndDate	datetime	Y	EndDate is the date on which a change is applied to Asset4Id, OrgName, PrimExchg, or TRBCCode.

## A4CmpFData: Company Float Data

This table contains float data for all the data points related to Company Values, Company Controversies, and Company Negative Screening.

**Update Cycle:** Once every two weeks for incremental files. Once a year for history files.

**Adjusted:** N/A

Indexes	Index Fields
pkey_A4CmpFData (Clustered)	OrgId, Item, SeqNo, FisYear
A4CmpFData_1	OrgId, Item, FYEndDate

Field	Type	Nullable	Description
OrgId	int	N	OrgId is the unique identifier for each organization provided by ESG.
Item	smallint	N	Item is a unique code that identifies each data point in the feed.
SeqNo	smallint	N	SeqNo notes the changes that occur in the values. SeqNo is defined for future implementation of Point in Time data. For the current implementation, the SeqNo will always be 1.
FisYear	smallint	N	FisYear is the particular year for which the data is defined.
Value_	float	Y	Value_ is the float value of the corresponding item.
FeedDate	datetime	Y	FeedDate denotes the feed date, which comes in the feed file. This field is only significant when Point in Time data is implemented. For the present implementation, the date present in the feed file is updated when there is a change in the existing value. This date will correspond to the date when the scores are recalculated or modified by the vendor.
FYEndDate	datetime	Y	FYEndDate is the Fiscal Year End Date value as provided in the feed.
LicFlag	tinyint	Y	LicFlag is the licensing flag associated with a particular file.
DFlag	tinyint	Y	DFlag is the value calculated when special values like NA, N/F, or N/R come in the feed.

## A4CmplData: Company Boolean Data

This table contains Boolean data for all the data points related to Company Values, Company Controversies, and Company Negative Screening.

**Update Cycle:** Once every two weeks for incremental files; once a year for history files.

**Adjusted:** N/A

Indexes	Index Fields
pkey_A4CmplData (Clustered)	OrgId, Item, SeqNo, FisYear
A4CmplData_1	OrgId, Item, FYEndDate

Field	Type	Nullable	Description
OrgId	int	N	OrgId is the unique identifier for each organization provided by ESG.
Item	smallint	N	Item is a unique code that identifies each data point in the feed.
SeqNo	smallint	N	SeqNo notes the changes that occur in the values. SeqNo is defined for future implementation of Point in Time data. For the current implementation, the SeqNo will always be 1.
FisYear	smallint	N	FisYear is the particular year for which the data is defined.
Value_	tinyint	Y	Value_ is the Boolean value, converted to tinyint, of the corresponding item.
FeedDate	datetime	Y	FeedDate denotes the feed date, which comes in the feed file. This field is only significant when Point in Time data is implemented. For the present implementation, the date present in the feed file is updated when there is a change in the existing value. This date will correspond to the date when the scores are recalculated or modified by the vendor.
FYEndDate	datetime	Y	FYEndDate is the Fiscal Year End Date value as provided in the feed.
LicFlag	tinyint	Y	LicFlag is the licensing flag associated with the file.
DFlag	tinyint	Y	DFlag is the value calculated when special values like NA, N/F, or N/R come in the feed.

## A4CmplInfo: Company Information

For a particular organization code, this table contains the corresponding Asset4Id, Company name, and TRBC Code.

**Update Cycle:** Daily

**Adjusted:** N/A

Indexes	Index Fields
pkey_A4CmplInfo (Clustered)	OrgID

Field	Type	Nullable	Description
OrgID	int	N	OrgID is the unique identifier provided by ESG for each organization.

Field	Type	Nullable	Description
Asset4Id	varchar(10)	Y	Asset4Id is the alphanumeric ID provided by ESG for each organization.
OrgName	varchar(50)	Y	OrgName is the name of the organization.
BusTRBCId	int	Y	BusTRBCId is The Refinitiv Business Classification Code. This code classifies companies based on their industry.
PrimExchg	varchar(10)	Y	PrimExchg is the primary exchange with which the organization is associated.
StatusFlag	tinyint	Y	StatusFlag can be the following values: <ul style="list-style-type: none"> <li>1 = the company is active</li> <li>0 = the company is inactive</li> </ul>
OAIId	bigint	Y	OAIId is the organization authority identifier.

## A4CmpSData: Company String and Varchar Data

This table contains string or varchar data for all the data points related to Company Values, Company Controversies, and Company Negative Screening.

**Update Cycle:** Once every two weeks for incremental files; once a year for history files.

**Adjusted:** N/A

Indexes	Index Fields
pkey_A4CmpSData (Clustered)	OrgId, Item, SeqNo, FisYear
A4CmpSData_1	OrgId, Item, FYEndDate

Field	Type	Nullable	Description
OrgId	int	N	OrgId is the unique identifier for each organization provided by ESG.
Item	smallint	N	Item is a unique code that identifies each data point in the feed.
SeqNo	smallint	N	SeqNo notes the changes that occur in the values. SeqNo is defined for future implementation of Point in Time data. For the current implementation, the SeqNo will always be 1.
FisYear	smallint	N	FisYear is the particular year for which the data is defined.
FeedDate	datetime	Y	FeedDate denotes the feed date, which comes in the feed file. This field is only significant when Point in Time data is implemented. For the present implementation, the date present in the feed file is updated when there is a change in the existing value. This date will correspond to the date when the scores are recalculated or modified by the vendor.
FYEndDate	datetime	Y	FYEndDate is the Fiscal Year End Date value as provided in the feed.
LicFlag	tinyint	Y	LicFlag is the licensing flag associated with the file.
DFlag	tinyint	Y	DFlag is the value calculated when special values like NA, N/F, or N/R come in the feed.

Field	Type	Nullable	Description
Value_	varchar(max)	Y	Value_ is the string value of the corresponding item.

## A4CmpSummData: Company Score Information

This table contains the overall score and the pillar scores for all companies on a yearly basis.

**Update Cycle:** Once every two weeks for incremental files; once a year for history files.

**Adjusted:** N/A

Indexes	Index Fields
pkey_A4CmpSummData (Clustered)	OrgID, SeqNo, FisYear
A4CmpSummData_1	OrgID, FYEndDate

Field	Type	Nullable	Description
OrgID	int	N	OrgID is the unique identifier for each organization provided by ESG.
SeqNo	smallint	N	SeqNo notes the changes that occur in the values. SeqNo is defined for future implementation of Point in Time data. For the current implementation, the SeqNo will always be 1.
FisYear	smallint	N	FisYear is the particular year for which the data is defined.
Overall	float	Y	Overall is the equal weighted rating score.
LOverall	float	Y	LOverall is the latest value for the equal weighted rating score.
Economic	float	Y	Economic is the score associated with the Economic Pillar.
LEconomic	float	Y	LEconomic is the latest score associated with the Economic Pillar.
Envrnmntal	float	Y	Envrnmntal is the score associated with the Environmental Pillar.
LEnrnmntal	float	Y	LEnrnmntal is the latest score associated with the Environmental Pillar.
CorpGov	float	Y	CorpGov is the score associated with the CorpGov Pillar.
LCorpGov	float	Y	LCorpGov is the latest score associated with the CorpGov Pillar.
Social	float	Y	Social is the score associated with the Social Pillar.
LSocial	float	Y	LSocial is the latest score associated with the Social Pillar.
FeedDate	datetime	Y	FeedDate denotes the feed date, which comes in the feed file. This field is only significant when Point in Time data is implemented. For the present implementation, the date present in the feed file is updated when there is a change in the existing value. This date will correspond to the date when the scores are recalculated or modified by the vendor.
FYEndDate	datetime	Y	FYEndDate is the Fiscal Year End Date value as provided in the feed.
CDFlag	bigint	Y	CDFlag describes the DFlag value, which is calculated when special values like NA, N/F, or N/R come in the feed.

## A4Code: Numeric Codes

This table contains descriptions of ESG numeric codes.

**Update Cycle:** Once every two weeks for incremental files. Once a year for history files.

**Adjusted:** N/A

Indexes		Index Fields	
pkey_A4Code (Clustered)		Type_, Code	
Field	Type	Nullable	Description
Type_	int	N	Type_ is a numeric code for a type of data.
Code	int	N	Code is a coded value for an element of Type_. When Type_ = 0, Code is the numeric code for each Type_ other than 0 and Desc_ is a description of each Type_.
Desc_	varchar(100)	Y	Desc_ is a plain-language description of the element defined by Type_ and Code.

## A4Desc: Character Code Descriptions

This table contains descriptions of ESG character codes.

**Update Cycle:** Once every two weeks for incremental files; once a year for history files.

**Adjusted:** N/A

Indexes		Index Fields	
pkey_A4Desc (Clustered)		Type_, Code	
Field	Type	Nullable	Description
Type_	int	N	Type_ is a numeric code for a type of data.
Code	varchar(10)	N	Code is a coded value for an element of Type_. When Type_ = 0, Code is the numeric code for each Type_ other than 0 and Desc_ is a description of each Type_.
Desc_	varchar(300)	Y	Desc_ is a plain-language description of the element defined by Type_ and Code.

## A4DriverData: Driver Indicator Data

This table contains the scores, latest scores, and values associated with all the Driver Indicators.

**Update Cycle:** Once every two weeks for incremental files; once a year for history files.

**Adjusted:** N/A

Indexes		Index Fields	
pkey_A4DriverData (Clustered)		OrgID, Item, SeqNo, FisYear	
Field	Type	Nullable	Description
OrgID	int	N	OrgID is the unique identifier for each organization provided by ESG.

Field	Type	Nullable	Description
Item	smallint	N	Item is a unique code that identifies each driver. The item range for drivers is 857 – 928. Refer to the <a href="#">A4Item</a> table for more information.
SeqNo	smallint	N	SeqNo notes the changes that occur in the values. SeqNo is defined for future implementation of Point in Time data. For the current implementation, the SeqNo will always be 1.
FisYear	smallint	N	FisYear is the particular year for which the data is defined.
Score	float	Y	Score is the score associated with the driver.
LScore	float	Y	LScore is the latest score associated with the driver.
Value_	tinyint	Y	Value_ is the value associated with the outcome. The Boolean values that come in the feed are converted to tinyint and can be: <ul style="list-style-type: none"> <li>0 = No</li> <li>1 = Yes</li> </ul> The double Boolean values that come in the feed are converted to tinyint and can be: <ul style="list-style-type: none"> <li>1 = No/No</li> <li>4 = No/Yes</li> <li>3 = Yes/No</li> <li>6 = Yes/Yes</li> </ul>
FeedDate	datetime	Y	FeedDate denotes the feed date, which comes in the feed file. This field is only significant when Point in Time data is implemented. For the present implementation, the date present in the feed file is updated when there is a change in the existing value. This date will correspond to the date when the scores are recalculated or modified by the vendor.
FYEndDate	datetime	Y	FYEndDate is the Fiscal Year End Date value as provided in the feed.
CDFlag	smallint	Y	CDFlag describes the DFlag value, which is calculated when special values like NA, N/F, or N/R come in the feed.

## A4IndAggrData: Industry Aggregated Data

This table contains industry aggregated values for some of the data points. The scores are aggregated based on the TRBC (The Refinitiv Business Classification) Code.

**Update Cycle:** Once every two weeks for incremental files; once a year for history files.

**Adjusted:** N/A

Indexes	Index Fields
pkey_A4IndAggrData (Clustered)	Item, BusTRBCId, FisYear
A4IndAggrData_1	BusTRBCId, Item

Field	Type	Nullable	Description
Item	smallint	N	Item is a unique code that identifies each data point in the feed.
BusTRBCId	int	N	BusTRBCId is the TRBC Code from which the data is segregated.



Field	Type	Nullable	Description
FisYear	smallint	N	FisYear is the particular year for which the data is defined.
Value_	float	Y	Value_ is the value corresponding to the TRBC Code.
DFlag	tinyint	Y	DFlag is the value calculated when special values like NA, N/F, or N/R come in the feed.

## A4Item: Data Items

This table contains the data points that belong to all the files: Company Values, Company Controversies, Company Negative Screening, Board Members, Non Board Members, and Industry Aggregates. This table provides details for the type of value a particular item holds and the table where the value resides.

**Update Cycle:** Once every two weeks for incremental files; once a year for history files.

**Adjusted:** N/A

Indexes	Index Fields
pkey_A4Item (Clustered)	Item
A4Item_1	Mnemonic
A4Item_2	TableCode
A4Item_3	Title

Field	Type	Nullable	Description
Item	smallint	N	Item is a unique code that identifies each data point in the feed.
Mnemonic	varchar(20)	Y	Mnemonic is a short mnemonic code that describes the item.
FileCode	tinyint	Y	FileCode specifies the feed file to which the data point belongs.  A4Item.FileCode cross-references with <a href="#">A4Code.Code</a> where Type_ = 1.
EnumValues	varchar(120)	Y	EnumValues represents all the possible values the indicator can have.
Title	varchar(100)	Y	Title is the description pertaining to Item.
DetailedDesc_	varchar(1200)	Y	DetailedDesc_ is the detailed description pertaining to Item.
DataTypeCode	tinyint	Y	DataTypeCode determines the table to which the item belongs.  A4Item.DataTypeCode cross-references with <a href="#">A4Code.Code</a> where Type_ = 3.
VenDataTypeDesc	varchar(70)	Y	VenDataTypeDesc defines the data type and range for the values.

Field	Type	Nullable	Description
TableCode	tinyint	Y	TableCode is the data table in which the value pertaining to the item resides.  A4Item.DataTypeCode cross-references with <a href="#">A4Code.Code</a> where Type_ = 4.
CatItem	smallint	Y	CatItem is the code that indicates the data item's category.  Descriptions for CatItem codes are contained in A4Item where Item = CatItem.
PillarItem	smallint	Y	PillarItem is the code that indicates the data item's pillar.  Descriptions for PillarItem codes are contained in A4Item where Item = PillarItem.

## A4MemFData: Board Member Float Data

This table contains float data for all the Board Member and Non Board Member related data points.

**Update Cycle:** Once every two weeks for incremental files; once a year for history files.

**Adjusted:** N/A

Indexes	Index Fields
pkey_A4MemFData (Clustered)	OrgID, Item, MemberID, FisYear
A4MemFData_1	OrgID, Item, FYEndDate
A4MemFData_2	OrgID, Item, MemberID, IsBMember, FYEndDate

Field	Type	Nullable	Description
OrgID	int	N	OrgID is the unique identifier for each organization provided by ESG.
Item	smallint	N	Item is a unique code that identifies each data point in the feed.
MemberID	tinyint	N	MemberID is a unique number assigned by ESG to each of the members. This number acts as a member identifier.
FisYear	smallint	N	FisYear is the particular year for which the data is defined.
Value_	float	Y	Value_ is the float value pertaining to a particular data point.
IsBMember	tinyint	Y	IsBMember is a code that identifies whether the data point belongs to Board Member or Non Board Member. IsBMember can be: <ul style="list-style-type: none"> <li>0 = Non Board Member</li> <li>1 = Board Member</li> </ul>
FYEndDate	datetime	Y	FYEndDate is the Fiscal Year End Date value as provided in the feed.
DFlag	tinyint	Y	DFlag is the value calculated when special values like NA, N/F, or N/R come in the feed.

## A4MemIData: Board Member Boolean Data

This table contains Boolean data for all the Board Member and Non Board Member related data points. The Boolean data is converted to tinyint values.

**Update Cycle:** Once every two weeks for incremental files; once a year for history files.

**Adjusted:** N/A

Indexes	Index Fields
pkey_A4MemIData (Clustered)	OrgID, Item, MemberID, FisYear
A4MemIData_1	OrgID, Item, FYEndDate
A4MemIData_2	OrgID, Item, MemberID, IsBMember, FYEndDate

Field	Type	Nullable	Description
OrgID	int	N	OrgID is the unique identifier for each organization provided by ESG.
Item	smallint	N	Item is a unique code that identifies each data point in the feed.
MemberID	tinyint	N	MemberID is a unique number assigned by ESG to each of the members. This number acts as a member identifier.
FisYear	smallint	N	FisYear is the particular year for which the data is defined.
Value_	tinyint	Y	Value_ is the Boolean value, converted to tinyint, pertaining to a particular data point. Value_ can be: <ul style="list-style-type: none"> <li>0 = Not in the feed</li> <li>1 = In the feed</li> </ul>
IsBMember	tinyint	Y	IsBMember is a code that identifies whether the data point belongs to Board Member or Non Board Member. IsBMember can be: <ul style="list-style-type: none"> <li>0 = Non Board Member</li> <li>1 = Board Member</li> </ul>
FYEndDate	datetime	Y	FYEndDate is the Fiscal Year End Date value as provided in the feed.
DFlag	tinyint	Y	DFlag is the value calculated when special values like NA, N/F, or N/R come in the feed.

## A4MemSData: Board Member String and Varchar Data

This table contains string or varchar data for all the Board Member and Non Board Member related data points.

**Update Cycle:** Once every two weeks for incremental files; once a year for history files.

**Adjusted:** N/A

Indexes	Index Fields
pkey_A4MemSData (Clustered)	OrgID, Item, MemberID, FisYear
A4MemSData_1	OrgID, Item, FYEndDate
A4MemSData_2	OrgID, Item, MemberID, IsBMember, FYEndDate

Field	Type	Nullable	Description
OrgID	int	N	OrgID is the unique identifier for each organization provided by ESG.
Item	smallint	N	Item is a unique code that identifies each data point in the feed.
MemberID	tinyint	N	MemberID is a unique number assigned by ESG to each of the members. This number acts as a member identifier.
FisYear	smallint	N	FisYear is the particular year for which the data is defined.
FYEndDate	datetime	Y	FYEndDate is the Fiscal Year End Date value as provided in the feed.
IsBMember	tinyint	Y	IsBMember is a code that identifies whether the data point belongs to Board Member or Non Board Member. IsBMember can be: <ul style="list-style-type: none"> <li>0 = Non Board Member</li> <li>1 = Board Member</li> </ul>
DFlag	tinyint	Y	DFlag is the value calculated when special values like NA, N/F, or N/R come in the feed.
Desc_	varchar(max)	Y	Desc_ is the string or varchar description pertaining to the particular data point.

## A4OutcomeData: Outcome Indicator Data

This table contains the scores, latest scores, and values associated with all the Outcome Indicators.

**Update Cycle:** Once every two weeks for incremental files; once a year for history files.

**Adjusted:** N/A

Indexes	Index Fields
pkey_A4OutcomeData (Clustered)	OrgID, Item, SeqNo, FisYear

Field	Type	Nullable	Description
OrgID	int	N	OrgID is the unique identifier for each organization provided by ESG.
Item	smallint	N	Item is a unique code that identifies each outcome. The item range for outcome codes is 929 – 1140. Refer to the <a href="#">A4Item</a> table for more information.
SeqNo	smallint	N	SeqNo notes the changes that occur in the values. SeqNo is defined for future implementation of Point in Time data. For the current implementation, the SeqNo will always be 1.
FisYear	smallint	N	FisYear is the particular year for which the data is defined.
Score	float	Y	Score is the score associated with the outcome.
LScore	float	Y	LScore is the latest score associated with the outcome.

Field	Type	Nullable	Description
Value_	float	Y	<p>Value_ is the value associated with the outcome. It includes both float and Boolean values. The Boolean values that come in the feed are converted to tinyint and can be:</p> <ul style="list-style-type: none"> <li>• 0 = No</li> <li>• 1 = Yes</li> </ul> <p>The double Boolean values that come in the feed are converted to tinyint and can be:</p> <ul style="list-style-type: none"> <li>• 1 = No/No</li> <li>• 4 = No/Yes</li> <li>• 3 = Yes/No</li> <li>• 6 = Yes/Yes</li> </ul>
FeedDate	datetime	Y	<p>FeedDate denotes the feed date, which comes in the feed file. This field is only significant when Point in Time data is implemented. For the present implementation, the date present in the feed file is updated when there is a change in the existing value. This date will correspond to the date when the scores are recalculated or modified by the vendor.</p>
FYEndDate	datetime	Y	<p>FYEndDate is the Fiscal Year End Date value as provided in the feed.</p>
CDFlag	smallint	Y	<p>CDFlag describes the DFlag value, which is calculated when special values like NA, N/F, or N/R come in the feed.</p>

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