

# RepRisk: Datasets, methodology, and data elements for WRDS subscribers

October 2020

## 1) RepRisk datasets

### a) Basic dataset: listed companies (approx. 17,000 companies)

The basic dataset includes RepRisk's data for all listed companies in the RepRisk ESG Risk Platform that have been exposed to environmental, social, and governance (ESG) risks and business conduct— i.e. approx. 17,000 companies from all sectors and geographies, including frontier and emerging markets. The package includes the full data history available (unbroken time series from January 2007).

### b) Premium dataset: listed and non-listed companies (approx. 155,000 companies)

The premium dataset includes RepRisk's data for all companies – both listed and non-listed – in the RepRisk ESG Risk Platform that have been exposed to ESG risks and business conduct – i.e. approx. 155,000 companies from all sectors and geographies, including frontier and emerging markets. The dataset includes the full data history available (unbroken time series from January 2007).

## 2) RepRisk methodology and reference materials

- ☐ [RepRisk Methodology Document](#): Provides an overview of RepRisk's research scope and research process.
- ☐ [RepRisk Research Scope – ESG Issues Definitions](#): Provides definitions of the 28 ESG Issues that comprise the core scope of RepRisk's research.
- ☐ [RepRisk Research Scope – ESG Topic Tags Definitions](#): Provides definitions of the 67 Topic Tags (ESG-related “hot topics” or themes) that are also part of RepRisk's research scope.

3) RepRisk data elements: The data elements are described in detail below. Data values are monthly.

- a) Company identifiers: Provides a list of the companies and the respective identification information sector, country of headquarters, etc.

Data Element	Data Type	Description	Example	Max Character Length
<b>REPRISK COMPANY ID</b>	INT	Internal RepRisk ID.	2	7
<b>COMPANY NAME</b>	VARCHAR (255)	Legal name of the entity.	ABB Ltd (ABB Asea Brown Boveri Ltd)	255
<b>HEADQUARTERS</b>	TEXT	Country of headquarters.	Switzerland	52
<b>HEADQUARTERS ISO CODE</b>	TEXT	Country of headquarters' ISO Code.	CH	2
<b>SECTOR(S)</b>	TEXT	List of sectors this company primarily belongs to (up to three sectors are possible per company).	Industrial Engineering	180
<b>URL</b>	TEXT	Website of the company.	www.abb.com	1,024
<b>ISIN(S)</b>	CHAR	The ISINs associated to this company.	CH0012221716	15,042

<b>PRIMARY ISIN</b>	CHAR	Primary ISIN of the company as defined by RepRisk taken from S&P's database.	FR0000120172	12
<b>NO REPORTED RISK EXPOSURE</b>	TEXT	True if the company has not had any ESG exposure historically. False if otherwise.	FALSE	5

- b) RepRisk Index (RRI) data: Provides an overview of the company's ESG-related business conduct risk metric on a monthly basis, including a breakdown by E, S, and G.

Data Element	Data Type	Description	Example	Max Character Length
<b>REPRISK COMPANY ID</b>	INT	Internal RepRisk ID.	2	7
<b>Country-Sector Average</b>	INT	<p>"The Country-Sector Average of the company is calculated by</p> <ul style="list-style-type: none"> <li>■ The Headquarters ESG Risk Exposure value (weighted 50%): The Country-Sector value of the company's country of headquarters and primary sector</li> <li>■ The International ESG Risk Exposure value (weighted 50%): The average of all Country-Sector values of the country-sector combinations where the company has been linked to ESG risk incidents</li> </ul>	34	3
<b>CURRENT RRI</b>	INT (0 to 100)	The RepRisk Index (RRI) is a proprietary algorithm developed by RepRisk that dynamically captures and quantifies a company's exposure to reputational risks related to ESG. It facilitates an initial assessment of the ESG and business conduct	24	3

		<p>risks associated with financing, investing, or doing business with a particular company.</p> <p>The Current RRI denotes the <u>current</u> level of media and stakeholder coverage of a company related to ESG issues.</p> <p>The RRI ranges from zero (lowest) to 100 (highest). The higher the value, the higher the risk exposure:</p> <ul style="list-style-type: none"> <li>• 0-25 = low risk exposure</li> <li>• 26-49 = medium risk exposure <ul style="list-style-type: none"> <li>○ NOTE: It is expected that most large multinationals have an RRI between 26-50, due to their global footprint and salience vis-à-vis media and stakeholders.</li> </ul> </li> <li>• 50-59 = high risk exposure</li> <li>• 60-74 = very high risk exposure</li> <li>• 75-100= extremely high risk exposure <ul style="list-style-type: none"> <li>○ NOTE: The RRI is calibrated in such a way that only the handful of companies that are extremely exposed ever reach this threshold, helping users to easily identify these companies.</li> </ul> </li> </ul> <p>Note: An RRI of 0 denotes that the company either was never exposed to ESG-related risks (RepRisk has not yet captured risk incidents for this company) or the company was exposed to ESG risks before but the RRI has decayed to zero in the meantime (over a maximum period of two years).</p>		
<b>TIME SLOT NAME</b>	INT	Date of the month-end value (day, month, year).	2019-09-30	10

<b>E PERCENTAGE</b>	PERCENTAGE	<p>The percentage of environmental (E) links in proportion to the total number of links in the news (risk incidents) that makes up the Current RRI.</p> <p>This number refers to the number of links/mentions for a company to E issues. It does not refer to the number of risk incidents, as one risk incident can be linked to multiple issues.</p> <p>This number can be used as an indication of how a company's E exposure has developed over time. It should <u>not</u> be used if to conduct peer comparisons. If one company has a higher value than another it is not necessarily worse but rather has a different composition of news.</p>	10%	4
<b>S PERCENTAGE</b>	PERCENTAGE	<p>The percentage of social (S) links in proportion to the total number of links in the news (risk incidents) that makes up the Current RRI.</p> <p>This number refers to the number of links/mentions for a company to S issues. It does not refer to the number of risk incidents, as one risk incident can be linked to multiple issues.</p> <p>This number can be used as an indication of how a company's S exposure has developed over time. It should <u>not</u> be used if to conduct peer comparisons. If one company has a higher value than another it is not necessarily worse but rather has a different composition of news.</p>	10%	4
<b>G PERCENTAGE</b>	PERCENTAGE	<p>The percentage of governance (G) links in proportion to the total number of links in the news (risk incidents) that makes up the Current RRI.</p> <p>This number refers to the number of links/mentions for a company to G issues. It does</p>	80%	4

		<p>not refer to the number of risk incidents, as one risk incident can be linked to multiple issues.</p> <p>This number can be used as an indication of how a company's G exposure has developed over time. It should <u>not</u> be used if to conduct peer comparisons. If one company has a higher value than another it is not necessarily worse but rather has a different composition of news.</p>		
<b>PEAK RRI</b>	INT (0 to 100)	<p>Peak RepRisk Index (RRI) is equal to the highest level of the RRI over the last two years – a proxy for overall ESG and business risk exposure. <u>This is the main metric used in analyzing the risk exposure of a company.</u></p> <p>The RRI ranges from zero (lowest) to 100 (highest). The higher the value, the higher the risk exposure. Please see "Current RRI" for calibration.</p> <p>Please note: If you prefer to use a different timeframe, such as 12 months or 36 months, you can do this by taking the historical data of the Current RRI and selecting the highest Current RRI over that particular timeframe.</p>	33	3
<b>Peak RRI Date</b>	INT	The date when the company reflected the Peak RRI.	2019-09-30	10
<b>RepRisk Rating</b>	INT (AAA to D)	<p>The RepRisk Rating (RRR) facilitates corporate benchmarking against a peer group and the sector, as well as integration of ESG and business conduct risks into business processes.</p> <p>The Rating combines two factors:</p> <ol style="list-style-type: none"> <li>1. ESG and business conduct risk exposure of the company</li> </ol>	CCC	3

		<input type="checkbox"/> Provided by the Peak RepRisk Index (RRI) (see page 3) 2. Country-Sector ESG Risk Exposure of the Company <input type="checkbox"/> Provided by the Country-Sector Average of the company, see page 3. The RepRisk Rating ranges from AAA to D: <input type="checkbox"/> AAA, AA, A denotes low ESG risk exposure <input type="checkbox"/> BBB, BB, B denotes moderate ESG risk exposure <input type="checkbox"/> CCC, CC, C denotes high ESG risk exposure <input type="checkbox"/> D denotes very high ESG risk exposure		
<b>Trend RRI</b>	INT (-100 to 100)	Difference in the RepRisk Index (RRI) between current date and the date 30 days ago. We recommend using the RRI Trend to monitor the development of the risk exposure of a company related to ESG issues, or as an indication of when a risk incident has appeared for a company (if the RRI has a large jump in one month, this is due to a severe ESG-related risk incident).	-2	3

- c) RepRisk Issue (ESG Issue) Data: Provides an overview of the associations/links between a company and RepRisk's ESG Issues, on a monthly basis – including a breakdown of the severity of the incidents and the source of the information.

Data Element	Data Type	Description	Example	Max Character Length
<b>TIME SLOT NAME</b>	INT	Date of the month-end value (day, month, year)	2019-09-30	10

<b>ISSUE</b>	INT	<p>Code of the Issue.</p> <p>For more information on RepRisk’s scope, see the RepRisk Methodology Document on page 1 and the code definition on page 10-11.</p>	39	3
<b>NEWS COUNT</b>	INT	<p>This data element provides the count of links for the given ESG Issue for a company – i.e. how many links/mentions they have in the news (risk incidents) related to each of the 28 ESG Issues which form RepRisk’s core research scope. In addition to these 28, there are two general issues: “other environmental” and “other social” issues.</p>	13	5
<b>REPRISK COMPANY ID</b>	INT	Internal RepRisk ID.	2	7
<b>SEVERITY (HARSHNESS),</b> <i>3 columns: High severity, Medium severity, Low severity</i>	INT	<p>This data element refers to the severity (harshness) of the risk incident/news.</p> <p>There are three columns:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> High severity (3)</li> <li><input type="checkbox"/> Medium severity (2)</li> <li><input type="checkbox"/> Low severity (1)</li> </ul> <p>Each column includes a news count reflecting the number of incidents that were given the respective severity score that month.</p> <p>The severity is determined in a rule-based way along three dimensions:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Firstly, what are the consequences of the risk incident (e.g. with respect to health and safety: no further consequences, injury, death)</li> </ul>	2	5



		<ul style="list-style-type: none"> <li><input type="checkbox"/> Secondly, what is the extent of the risk incident (one person, a group of people, a large number of people)</li> <li><input type="checkbox"/> Thirdly, was the risk incident caused by an accident, by negligence, or intent, or even in a systematic way.</li> </ul> <p>For more information on RepRisk's research process, see the RepRisk Methodology Document (page 1).</p>		
<b>SOURCE REACH (INFLUENCE),</b> <i>3 columns: High reach source, Medium reach source, Low reach source</i>	INT	<p>This data element refers to the source reach (influence), i.e. the influence or readership of the source in which the risk incident was published.</p> <p>There are three columns:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> High reach source (3)</li> <li><input type="checkbox"/> Medium reach source (2)</li> <li><input type="checkbox"/> Low reach source (1)</li> </ul> <p>Each column includes a news count reflecting the number of incidents that were given the respective source/reach score that month.</p> <p>This score is according to RepRisk's own rating of sources. All of the over 80,000 media and stakeholder sources screened are pre-classified by reach (influence, based on readership/circulation):</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Low influence sources include local media, smaller NGOs, local gov. bodies, blogs, etc.</li> <li><input type="checkbox"/> Medium influence sources include most national and regional media, international NGOs, and state, national, and international gov. bodies.</li> </ul>	1	5

		<input type="checkbox"/> High influence sources are the few international media – e.g. the NY Times, BBC, and others.		
Issues		ID		
Animal mistreatment		39		
Anti-competitive practices		52		
Child labor		48		
Climate change, GHG emissions, and global pollution		16		
Controversial products and services		34		
Corruption, bribery, extortion and money laundering		35		
Discrimination in employment		49		
Executive compensation issues		37		
Forced labor		47		
Fraud		50		
Freedom of association and collective bargaining		46		
Human rights abuses and corporate complicity		23		
Impacts on communities		4		
Impacts on landscapes, ecosystems and biodiversity		6		
Local participation issues		30		
Local pollution		13		
Misleading communication		44		
Occupational health and safety issues		28		
Other environmental issues		18		
Other issues		27		
Other social issues		24		
Overuse and wasting of resources		38		

Poor employment conditions	42
Products (health and environmental issues)	25
Social discrimination	36
Supply chain issues	26
Tax evasion	51
Tax optimization	53
Violation of international standards	11
Violation of national legislation	21
Waste issues	19

- d) **RepRisk Tag (ESG Topic Tag) Data:** Provides an overview of the associations/links between a company and RepRisk's ESG Topic Tags, on a monthly basis – including a breakdown of the severity of the incidents and the source of the information.

Data Element	Data Type	Description	Example	Max Character Length
<b>TIME SLOT NAME</b>	INT	Date of the month-end value (day, month, year)	2019-09-30	10
<b>NEWS COUNT</b>	INT	<p>This data element provides the count of links for the given Topic Tag and company. Topic Tags are ESG “hot topics” that are specific and thematic.</p> <p>This data element provides the count of links for the given ESG Topic Tag for a company – i.e. how many links/mentions they have in the news (risk incidents) related to each of the 67 ESG Topic Tags which are part of RepRisk's research scope.</p> <p>For more information on RepRisk's scope, see the RepRisk Methodology Document or the RepRisk ESG Topic Tags Definitions Document (page 1).</p>	2	5

<b>REPRISK COMPANY ID</b>	INT	Internal RepRisk ID.	2	7
<b>SEVERITY (HARSHNESS),</b> <i>3 columns: High severity, Medium severity, Low severity</i>	INT	<p>This data element refers to the severity (harshness) of the risk incident/news.</p> <p>There are three columns:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> High severity (3)</li> <li><input type="checkbox"/> Medium severity (2)</li> <li><input type="checkbox"/> Low severity (1)</li> </ul> <p>Each column includes a news count reflecting the number of incidents that were given the respective severity score that month.</p> <p>For more information, see above in table 3c.</p>	2	5
<b>SOURCE REACH (INFLUENCE),</b> <i>3 columns: High reach source, Medium reach source, Low reach source</i>	INT	<p>This data element refers to the source reach (influence), i.e. the influence or readership of the source in which the risk incident was published.</p> <p>There are three columns:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> High reach source (3)</li> <li><input type="checkbox"/> Medium reach source (2)</li> <li><input type="checkbox"/> Low reach source (1)</li> </ul> <p>Each column includes a news count reflecting the number of incidents that were given the respective source/reach score that month.</p> <p>For more information, see above in table 3c.</p>	1	5
<b>TOPIC TAG</b>	INT	<p>Code of the Topic Tag.</p> <p>Topic Tags are ESG “hot topics” that are specific and thematic.</p> <p>This data element provides the count of links for the given ESG Topic Tag for a company – i.e. how</p>	52	3

		<p>many links/mentions they have in the news (risk incidents) related to each of the 67 ESG Topic Tags which are part of RepRisk's research scope.</p> <p>For more information on RepRisk's scope, see the RepRisk Methodology Document on page 1 and the code definition on page 13-15.</p>		
Topic Tags		ID		
Abusive/Illegal fishing		33		
Access to products and services		105		
Agricultural commodity speculation		36		
Airborne pollutants		95		
Alcohol		16		
Animal transportation		34		
Arctic drilling		23		
Asbestos		18		
Automatic and semi-automatic weapons		37		
Biological weapons		60		
Chemical weapons		63		
Cluster munitions		11		
Coal-fired power plants		31		
Conflict minerals		24		
Coral reefs		48		
Cyberattack		51		
Deep sea drilling		25		
Depleted uranium munitions		13		
Diamonds		8		
Drones		47		
Endangered species		2		

Energy management	100
Epidemics/Pandemics	127
Forest burning	6
Fracking	20
Fur and exotic animal skins	75
Gambling	15
Gender inequality	54
Genetically modified organisms (GMOs)	19
Genocide/Ethnic cleansing	26
Greenhouse gas (GHG) emissions	90
High conservation value forests	3
Human trafficking	45
Hydropower (dams)	42
Illegal logging	5
Indigenous people	7
Involuntary resettlement	46
Land grabbing	38
Land mines	12
Lobbying	125
Marijuana / Cannabis	84
Migrant labor	40
Monocultures	27
Mountaintop removal mining	10
Negligence	32
Nuclear power	28
Nuclear weapons	57
Offshore drilling	72

Oil sands	9
Palm oil	4
Plastics	85
Pornography	14
Predatory lending	41
Privacy violations	35
Protected areas	1
Racism/Racial inequality	129
Rare earths	44
Sand mining and dredging	69
Seabed mining	29
Security services	81
Ship breaking and scrapping	66
Soy	43
Tax havens	78
Tobacco	17
Wastewater management	115
Water management	110
Water scarcity	30

- e) RepRisk Location (Country) Data: Provides an overview of the location (country) where the ESG-related risk incidents are taking place on a monthly basis.

Data Element	Data Type	Description	Example	Max Character Length
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<b>LOCATIONS</b>	INT	<p>Code of the country where risk incidents take place.</p> <p>For more information on RepRisk's scope, see the RepRisk Methodology Document on page 1 and the code definition on page 16-26.</p>	42	3
<b>TIME SLOT NAME</b>	INT	Date of the month-end value (day, month, year)	2019-09-30	10
<b>NEWS COUNT</b>	INT	This data element provides the count of links for the given country and company.	2	5
<b>REPRISK COMPANY ID</b>	INT	Internal RepRisk ID.	2	7
<b>SEVERITY (HARSHNESS),</b> <i>3 columns:</i> <i>High severity,</i> <i>Medium severity, Low severity</i>	INT	<p>This data element refers to the severity (harshness) of the risk incident/news.</p> <p>There are three columns:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> High severity (3)</li> <li><input type="checkbox"/> Medium severity (2)</li> <li><input type="checkbox"/> Low severity (1)</li> </ul> <p>Each column includes a news count reflecting the number of incidents that were given the respective severity score that month.</p> <p>For more information, see above in table 3c.</p>	3	5
<b>SOURCE REACH (INFLUENCE),</b> <i>3 columns:</i> <i>High reach source,</i> <i>Medium reach source,</i>	INT	<p>This data element refers to the source reach (influence), i.e. the influence or readership of the source in which the risk incident was published.</p> <p>There are three columns:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> High reach source (3)</li> </ul>	2	5



Low reach source		<input type="checkbox"/> Medium reach source (2) <input type="checkbox"/> Low reach source (1) Each column includes a news count reflecting the number of incidents that were given the respective source/reach score that month. For more information, see above in table 3c.		
Location	ID			
Afghanistan	4			
Albania	8			
Algeria	12			
American Samoa (USA)	16			
Andorra	20			
Angola	24			
Antigua and Barbuda	28			
Azerbaijan	31			
Argentina	32			
Australia	36			
Austria	40			
Bahamas	44			
Bahrain	48			
Bangladesh	50			
Armenia	51			
Barbados	52			
Belgium	56			
Bermuda Islands (UK)	60			
Bhutan	64			
Bolivia	68			

Bosnia and Herzegovina	70
Botswana	72
Bouvet Island	74
Brazil	76
Belize	84
British Indian Ocean Territory	86
Solomon Islands	90
Virgin Islands; British	92
Brunei Darussalam	96
Bulgaria	100
Myanmar	104
Burundi	108
Belarus	112
Cambodia	116
Cameroon	120
Canada	124
Cape Verde	132
Cayman Islands	136
Central African Republic	140
Sri Lanka	144
Chad	148
Chile	152
China	156
Taiwan	158
Christmas Island	162
Cocos (Keeling) Islands	166

Colombia	170
Comoros	174
Mayotte	175
Congo; Republic of the (Brazzaville)	178
Congo; Democratic Republic of	180
Cook Islands	184
Costa Rica	188
Croatia	191
Cuba	192
Cyprus	196
Czech Republic	203
Benin	204
Denmark	208
Dominica	212
Dominican Republic	214
Ecuador	218
El Salvador	222
Equatorial Guinea	226
Ethiopia	231
Eritrea	232
Estonia	233
Faroe Islands	234
Falkland Islands	238
South Georgia and South Sandwich Islands	239
Fiji	242
Finland	246

Aland Islands	248
France	250
French Guiana	254
French Polynesia	258
French Southern Territories	260
Djibouti	262
Gabon	266
Georgia	268
Gambia	270
Palestine, State of	275
Germany	276
Ghana	288
Gibraltar	292
Kiribati	296
Greece	300
Greenland	304
Grenada	308
Guadeloupe	312
Guam	316
Guatemala	320
Guinea	324
Guyana; Republic of	328
Haiti	332
Heard Island and McDonald Islands	334
Holy See (Vatican City State)	336
Honduras	340

Hong Kong	344
Hungary	348
Iceland	352
India	356
Indonesia	360
Iran; Islamic Republic of	364
Iraq	368
Ireland	372
Israel	376
Italy	380
Ivory Coast	384
Jamaica	388
Japan	392
Kazakhstan	398
Jordan	400
Kenya	404
Korea; Democratic People's Republic of (North Korea)	408
Korea; Republic of (South Korea)	410
Kuwait	414
Kyrgyzstan	417
Lao People's Democratic Republic	418
Lebanon	422
Lesotho	426
Latvia	428
Liberia	430

Libya	434
Liechtenstein	438
Lithuania	440
Luxembourg	442
Macao	446
Madagascar	450
Malawi	454
Malaysia	458
Maldives	462
Mali	466
Malta	470
Martinique	474
Mauritania	478
Mauritius	480
Mexico	484
Monaco	492
Mongolia	496
Moldova	498
Montenegro	499
Montserrat	500
Morocco	504
Mozambique	508
Oman	512
Namibia	516
Nauru	520
Nepal	524

Netherlands	528
Curacao	531
Aruba	533
Saint Martin (Sint Maarten; Netherlands)	534
Bonaire	535
New Caledonia (France)	540
Vanuatu	548
New Zealand	554
Nicaragua	558
Niger	562
Nigeria	566
Niue	570
Norfolk Island	574
Norway	578
Northern Mariana Islands	580
United States Minor Outlying Islands	581
Micronesia; Federated States of	583
Marshall Islands	584
Palau	585
Pakistan	586
Panama	591
Papua New Guinea	598
Paraguay	600
Peru	604
Philippines	608
Pitcairn Islands	612

Poland	616
Portugal	620
Guinea-Bissau	624
Timor-Leste	626
Puerto Rico	630
Qatar	634
Reunion	638
Romania	642
Russian Federation	643
Rwanda	646
Saint Barthelemy	652
Saint Helena	654
Saint Kitts and Nevis	659
Anguilla	660
Saint Lucia	662
Saint Martin (France)	663
Saint-Pierre and Miquelon	666
Saint Vincent and the Grenadines	670
San Marino	674
Sao Tome and Principe	678
Saudi Arabia	682
Senegal	686
Serbia	688
Seychelles	690
Sierra Leone	694
Singapore	702



Slovakia	703
Vietnam	704
Slovenia	705
Somalia	706
South Africa	710
Zimbabwe	716
Spain	724
South Sudan; Republic of	728
Sudan	729
Western Sahara	732
Suriname	740
Svalbard and Jan Mayen Islands	744
Eswatini; Kingdom of (formerly Swaziland)	748
Sweden	752
Switzerland	756
Syrian Arab Republic	760
Tajikistan	762
Thailand	764
Togo	768
Tokelau	772
Tonga	776
Trinidad and Tobago	780
United Arab Emirates	784
Tunisia	788
Turkey	792
Turkmenistan	795

Turks and Caicos Islands	796
Tuvalu	798
Uganda	800
Ukraine	804
North Macedonia; Republic of	807
Egypt	818
United Kingdom of Great Britain and Northern Ireland	826
Guernsey	831
Jersey	832
Isle of Man	833
Tanzania; United Republic of	834
United States of America	840
Virgin Islands; United States	850
Burkina Faso	854
Uruguay	858
Uzbekistan	860
Venezuela (Bolivarian Republic of)	862
Wallis and Futuna	876
Samoa	882
Yemen	887
Zambia	894
Azores	900
Canary Islands	901
Ceuta	902
Chatham Islands	903

Gaza (do not link)	904
Hawaii	905
Kosovo	906
Madeira Islands	907
Melilla	908
Nakhchivan Autonomous Republic	909
Navassa Island	910
Netherlands Antilles	911
Unspecified	999

- f) RepRisk UNGC Principles Data: The RepRisk UNGC Principles is derived from the number of risk incidents related to the given UNGC Principle.

Data Element	Data Type	Description	Example	Max Character Length
<b>UNGC Principles</b>	INT	Code of the UNGC Principle where risk incidents take place.  For more information on RepRisk's scope, see the RepRisk Methodology Document on page 1 and the code definition on page 28.	10	3
<b>TIME SLOT NAME</b>	INT	Date of the month-end value (day, month, year)	2019-09-30	10
<b>NEWS COUNT</b>	INT	This data element provides the count of links for the given UNGC Principle and company.	2	5

<b>REPRISK COMPANY ID</b>	INT	Internal RepRisk ID.	2	7
<b>SEVERITY (HARSHNESS),</b> <i>3 columns: High severity, Medium severity, Low severity</i>	INT	<p>This data element refers to the severity (harshness) of the risk incident/news.</p> <p>There are three columns:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> High severity (3)</li> <li><input type="checkbox"/> Medium severity (2)</li> <li><input type="checkbox"/> Low severity (1)</li> </ul> <p>Each column includes a news count reflecting the number of incidents that were given the respective severity score that month.</p> <p>For more information, see above in table 3c.</p>	3	5
<b>SOURCE REACH (INFLUENCE),</b> <i>3 columns: High reach source, Medium reach source, Low reach source</i>	INT	<p>This data element refers to the source reach (influence), i.e. the influence or readership of the source in which the risk incident was published.</p> <p>There are three columns:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> High reach source (3)</li> <li><input type="checkbox"/> Medium reach source (2)</li> <li><input type="checkbox"/> Low reach source (1)</li> </ul> <p>Each column includes a news count reflecting the number of incidents that were given the respective source/reach score that month.</p> <p>For more information, see above in table 3c.</p>	2	5
<b>UNGC Principles</b>		<b>ID</b>		
Principle 1 (Human Rights)		1		
Principle 2 (Human Rights)		2		
Principle 3 (Labour)		3		
Principle 4 (Labour)		4		

Principle 5 (Labour)	5
Principle 6 (Labour)	6
Principle 7 (Environment)	7
Principle 8 (Environment)	8
Principle 9 (Environment)	9
Principle 10 (Anti-corruption)	10

g) RepRisk News Data: Provides an overview of the risk incident (news) on a monthly basis

Data Element	Data Type	Description	Example	Max Character Length
<b>NEWS DATE</b>	INT	Publication date of the risk incident (news).	2016-11-01	10
<b>NOVELTY (NEWNESS)</b>	INT (1 to 2)	This data element refers to the novelty (newness) of the issues addressed in the risk incident (news).  Novelty ranges from 1 to 2, whereas 2 denotes that a company is linked to a particular issue in a particular country for the <u>first time</u> .	1	1
<b>REACH (INFLUENCE)</b>	INT (1 to 3)	This data element refers to the source reach (influence), i.e. the influence or readership of the source in which the risk incident was published.  For more information, see above in table 3c.	3	1
<b>RELATED COUNTRIES</b>	TEXT	List of all countries linked/mentioned in a particular risk incident (news).	Mexico; Italy	3539
<b>RELATED COUNTRIES CODE</b>	CHAR	Related country's ISO Code.	CH	774

<b>RELATED ISSUES</b>	TEXT	List of all Issues linked/mentioned in a particular risk incident (news).  For more information on RepRisk's scope, see the RepRisk Methodology Document or the RepRisk ESG Issues Definitions Document (page 1).	Tax optimization; Fraud	901
<b>RELATED TOPIC TAGS</b>	TEXT	List of all Topic Tags linked/mentioned in a particular risk incident (news).  For more information on RepRisk's scope, see the RepRisk Methodology Document or the RepRisk ESG Topic Tags Definitions Document (page 1).	Conflict minerals	1056
<b>RELATED UNGC PRINCIPLES</b>	TEXT	List of all UNGC Principles allegedly breached linked/mentioned in a particular risk incident (news).	Principle 1 (Human Rights)	257
<b>COMPANY ID</b>	INT	Internal RepRisk ID.	16	7
<b>STORY ID</b>	INT	Internal RepRisk News ID.	149052	7
<b>SUBSTORY ID</b>	INT	Internal RepRisk Substory ID.	182858	8
<b>SEVERITY (HARSHNESS)</b>	INT (1 to 3)	This data element refers to the severity (harshness) of the risk incident.  For more information, see above in table 3c.	1	1
<b>SOURCE LANGUAGE</b>	TEXT	Language of the source of the risk incident (news).	English	18