

Documentation on data

Contents

- A. How to use Railisa 2
- B. Visibility levels of data 4
- C. List of domains and variables 4

Last update: January 22, 2025

A. How to use Railisa

- Download UIC data <http://uic-stats.uic.org/>
- For registration – send an email to stat@uic.org to get a username and a password
- Report anomalies to stat@uic.org
- Note: some data can be provisional

- Reference

When using UIC data, please cite your source.

UIC (2023) International Railway Statistics, ISBN 978-2-7461-3454-6

- Steps to follow

1- Connect with your username and password

2- Select:

- a period, year from-to (e.g. from 1995 to 2023)
- a domain, (e.g. INFRA)
- one variable only (e.g. 1112 – Total length of lines)
- one region or more (e.g. Africa, Europe...All)
- one country or more (e.g. Morocco, Spain, Sweden... All)
- one company or more (e.g. ONCF, ADIF, RENFE, SJ... All)

3- Click on Save (in order to save the parameters of your selection)

4- Download the file, choose the level of visibility (1) of data (“UIC members” means the data is restricted to UIC members)

(1) In the Railisa database, each data has an assigned visibility level (see section B)

1- Username and password



Log in

USERNAME

PASSWORD

Subscription:

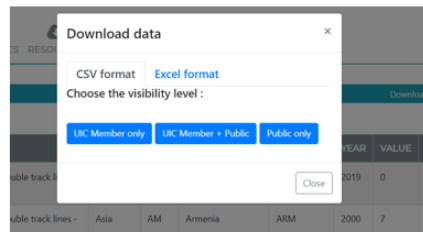
1. For UIC members: stat@uic.org
2. For non UIC members: www.shop-etf.com/en/railisa

3- Visualization: display the data table



VARIABLE	REGION	CTRY	CTRY_NAME	COMPANY	YEAR	VALUE	VISIBILITY	UNIT
1111 : Length of electrified double track lines - end of year	Asia	AE	United Arab Emirates	ETIHAD RAIL	2019	0	Public 1	km
1111 : Length of electrified double track lines - end of year	Asia	AM	Armenia	ARM	2000	7	Public 1	km
1111 : Length of electrified double track lines - end of year	Asia	AM	Armenia	SCR	2008	16.51	Public 1	km
1111 : Length of electrified double track lines - end of year	Asia	AM	Armenia	SCR	2010	15.979	Public 1	km
1111 : Length of electrified double track lines - end of year	Asia	AM	Armenia	SCR	2017	8.255	Public 1	km

4- Download data according to the level of visibility



2- Data query: select a period, domain, regions, countries, companies



PERIOD FROM

TO

DOMAIN

VARIABLE

REGION

- AF - AFRICA
- AM - AMERICA
- ASI - ASIA
- EUR - EUROPE
- OCE - OCEANIA

select all | unselect all

COUNTRY

- ASI - ARMENIA - AM
- ASI - AZERBAIJAN - AZ
- ASI - BANGLADESH - BD
- ASI - CAMBODIA - KH
- ASI - CHINA - CN
- ASI - CHINESE TAIPEI - CN
- ASI - GEORGIA - GE
- ASI - HONG KONG - HK
- ASI - INDIA - IN
- ASI - INDONESIA - ID

select all | unselect all

COMPANY

- AM - ARM (1995 to 2006)
- AM - SCR (2008 to 2020)
- AZ - AZ (1995 to 2020)
- BD - BDR (1995 to 2019)
- KH - CFRC (1995 to 2005)
- CN - CR (1995 to 2020)
- CN - THSRC (2007 to 2020)
- CN - TRA (1995 to 2020)
- GE - GR (1995 to 2020)
- HK - KCR (2004 to 2005)

select all | unselect all

B. Visibility levels of data

- Level 1: Public

The data can be communicated to users who are not UIC Members (e.g. universities, consultants, public authorities).

- Level 2: Restricted to UIC members

The data is shared with UIC members only, i.e. the data is not public.

Only UIC members can see the level of visibility of data.

C. List of domains and variables

Domain	VAR_ID	VAR_Description	Unit	Availability period
Accidents	9104	Number of accidents - Collisions	number	1995-2023
Accidents	9105	Number of accidents - Derailments	number	1995-2023
Accidents	9106	Number of accidents - to persons caused by rolling stock in motion	number	1995-2023
Accidents	9107	Number of accidents - at level crossings	number	1995-2023
Accidents	9108	Number of accidents - Other accidents	number	1995-2023
Accidents	9136	Number of accidents - total	number	1995-2023
Energy	8103	Diesel tractive stock - Diesel fuel consumption - Passengers	tonne	1995-2023
Energy	8104	Diesel tractive stock - Diesel fuel consumption - Freight	tonne	1995-2023
Energy	8105	Diesel tractive stock - Diesel fuel consumption - Total	tonne	1995-2023
Energy	8106	Electric tractive stock - Power consumption - Passengers	GigaWatt per hour	1995-2023
Energy	8107	Electric tractive stock - Power consumption - Freight	GigaWatt per hour	1995-2023
Energy	8108	Electric tractive stock - Power consumption - Total	GigaWatt per hour	1995-2023
Financial Result	7213	Operating expenditure	million national currency units	1995-2023
Financial Result	7215	Operating revenue - Passenger Traffic Turnover (OR)	million national currency units	1995-2023
Financial Result	7216	Operating revenue - Freight Traffic Turnover (OR)	million national currency units	1995-2023
Financial Result	7223	Operating revenue	million national currency units	1995-2023
Financial Result	7408	State compensation and aid - All sectors	million national currency units	1995-2023
Financial Result	7603	Infrastructure investment	million national currency units	2000-2023
Financial Result	7604	Passenger sector investment	million national currency units	2000-2023
Financial Result	7606	Freight sector investment	million national currency units	2000-2023

Domain	VAR_ID	VAR_Description	Unit	Availability period
Financial Result	7610	Total investment	million national currency units	2000-2023
Freight Traffic	6105	Freight traffic on the national territory - Full wagonloads - total number of tonnes	thousand tonne	1995-2023
Freight Traffic	6109	Freight traffic on the national territory - Full wagonloads - total tonne.kilometres	million tonne-kilometre	1995-2023
Freight Traffic	6164	Total tonnes - Intermodal (domestic + international)	thousand tonne	2015-2023
Freight Traffic	6165	Total tonne.kilometres - Intermodal (domestic + international)	million tonne-kilometre	2015-2023
Freight Traffic	6754	Total tonnes - Domestic	thousand tonne	1995-2023
Freight Traffic	6755	Total tonnes - International	thousand tonne	2016-2023
Freight Traffic	6756	Total tonne.kilometres (domestic+international)	million tonne-kilometre	2000-2023
Freight Traffic	6757	Total tonne.kilometres - Domestic	million tonne-kilometre	1995-2023
Freight Traffic	6758	Total tonne.kilometres - International	million tonne-kilometre	2002-2023
High Speed	1004	Length of lines - Maximal line speed >= 250 km/h	kilometre	1996-2023
High Speed	1012	Length of lines - 200 km/h < Maximal line speed < 250 km/h	kilometre	2001-2023
High Speed	1006	Length of high speed lines - Total	kilometre	1996-2023
High Speed	4004	High Speed Train Runs	thousand train-kilometre	1996-2023
High Speed	5005	Revenue-earning High Speed traffic - total number of passengers	thousand passenger	1995-2023
High Speed	5008	Revenue-earning High Speed traffic - total passenger.kilometres	million passenger kilometre	1995-2023
High Speed	5009	Average distance travelled by a passenger	kilometre	1995-2023
High Speed	5211	High Speed trains - Occupancy rate (%)	percentage	2006-2023
Infrastructure	1105	Length of not electrified lines -end of year	kilometre	1995-2023
Infrastructure	1106	Length of not electrified single track lines -end of year	kilometre	1995-2023
Infrastructure	1110	Total length of electrified lines - end of year	kilometre	1995-2023
Infrastructure	1111	Length of electrified lines with double tracks or more -end of year	kilometre	1995-2023
Infrastructure	1112	Total length of lines - end of year	kilometre	1995-2023
Infrastructure	1113	Length of tracks - end of year	kilometre	1995-2023
Infrastructure	1114	Length of electrified tracks - end of year	kilometre	1995-2023
Infrastructure	1115	Length of not electrified lines with double tracks or more -end of year	kilometre	1995-2023
Infrastructure	1116	Length of electrified single track lines -end of year	kilometre	1995-2023
Infrastructure	1410	Number of stations and stops - Passenger - Total	number	2014-2023
Infrastructure	1430	Approximate average distance between stations	kilometre	2014-2023
Infrastructure	1507	Total Automatic Level Crossings	number	2007-2023
Infrastructure	1511	Total Manual Level Crossings	number	2007-2023
Infrastructure	1512	Total Active Level Crossings	number	2000-2023
Infrastructure	1513	Total Passive Level Crossings	number	2000-2023
Infrastructure	1514	Total Level crossings	number	2000-2023
Passenger Traffic	5106	Revenue-earning passenger traffic on the national territory - total number of passengers	thousand passenger	1995-2023

Domain	VAR_ID	VAR_Description	Unit	Availability period
Passenger Traffic	5113	Revenue-earning passenger traffic on the national territory - total passenger.kilometres	million passenger-kilometre	1995-2023
Passenger Traffic	5204	Passenger-km -Short distance trains	million passenger-kilometre	2006-2023
Passenger Traffic	5205	Short distance trains - Occupancy rate (%)	percentage	2006-2023
Passenger Traffic	5207	Passenger-km - Long Distance trains	million passenger-kilometre	2006-2023
Passenger Traffic	5208	Long distance trains - Occupancy rate (%)	percentage	2006-2023
Passenger Traffic	5513	Passenger traffic of the railway operator (domestic+international) - total passenger.kilometres	million passenger-kilometre	2000-2023
Staff	3103	Mean annual staff strength - infrastructure sector	full time equivalent	1995-2023
Staff	3106	Mean annual staff strength - operations - Railway - Train drivers	full time equivalent	1995-2023
Staff	3109	Mean annual staff strength - operation sector	full time equivalent	1995-2023
Staff	3111	Mean annual staff strength - all sectors	full time equivalent	1995-2023
Staff	3205	Staff structure per age and gender – Total Men	number employees	2005-2023
Staff	3206	Staff structure per age and gender – Total Women	number employees	2005-2023
Staff	3207	Staff age structure: < 30 years	number employees	2005-2023
Staff	3210	Staff age structure: 30 - 39 years	number employees	2005-2023
Staff	3213	Staff age structure: 40 - 49 years	number employees	2005-2023
Staff	3216	Staff age structure: 50 - 59 years	number employees	2005-2023
Staff	3219	Staff age structure: > 60 years	number employees	2005-2023
Staff	3303	Staff: Total arrivals	number employees	2005-2023
Staff	3304	Staff: Total departures	number employees	2005-2023
Train Movements – Infrastructure Manager	1204	All train movements on the network of the infrastructure manager	thousand train-kilometre	1995-2023
Train Movements – Infrastructure Manager	1205	Passenger train movements on the network of the infrastructure manager	thousand train-kilometre	1997-2023
Train Movements – Infrastructure Manager	1206	Freight train movements on the network of the infrastructure manager	thousand train-kilometre	1997-2023
Train Movements – Infrastructure Manager	1207	Train-km on the network of the infrastructure manager - Diesel traction	thousand train-kilometre	1997-2023
Train Movements – Infrastructure Manager	1208	Train-km on the network of the infrastructure manager - Diesel traction - Passenger trains	thousand train-kilometre	1997-2023
Train Movements – Infrastructure Manager	1209	Train-km on the network of the infrastructure manager - Diesel traction - Freight trains	thousand train-kilometre	1997-2023
Train Movements – Infrastructure Manager	1210	Train-km on the network of the infrastructure manager - Electric traction	thousand train-kilometre	1997-2023
Train Movements – Infrastructure Manager	1211	Train-km on the network of the infrastructure manager - Electric traction - Passenger trains	thousand train-kilometre	1997-2023

Domain	VAR_ID	VAR_Description	Unit	Availability period
Train Movements – Infrastructure Manager	1213	Train-km on the network of the infrastructure manager - Electric traction - Freight trains	thousand train-kilometre	1997-2023
Train Movements – Infrastructure Manager	1304	Gross hauled tonne.kilometres of all trains running on the network of the infrastructure manager	million gross tonne-kilometre	2002-2023
Train Movements – Infrastructure Manager	1305	Gross hauled tonne.kilometres of passenger trains running on the network of the infrastructure manager	million gross tonne-kilometre	2002-2023
Train Movements – Infrastructure Manager	1306	Gross hauled tonne.kilometres of freight trains running on the network of the infrastructure manager	million gross tonne-kilometre	1997-2023
Train Movements – Infrastructure Manager	1307	Gross hauled Tonnekm on the network of the infrastructure manager - Diesel traction	million gross tonne-kilometre	2002-2023
Train Movements – Infrastructure Manager	1308	Gross hauled Tonnekm on the network of the infrastructure manager - Diesel traction - Passenger trains	million gross tonne-kilometre	2002-2023
Train Movements – Infrastructure Manager	1309	Gross hauled Tonnekm on the network of the infrastructure manager - Diesel traction - Freight trains	million gross tonne-kilometre	1997-2023
Train Movements – Infrastructure Manager	1310	Gross hauled Tonnekm on the network of the infrastructure manager - Electric traction	million gross tonne-kilometre	1997-2023
Train Movements – Infrastructure Manager	1311	Gross hauled Tonnekm on the network of the infrastructure manager - Electric traction - Passenger trains	million gross tonne-kilometre	1997-2023
Train Movements – Infrastructure Manager	1313	Gross hauled Tonnekm on the network of the infrastructure manager - Electric traction - Freight trains	million gross tonne-kilometre	1997-2023
Train Movements – Operator	4104	All train movements of the operator	thousand train-kilometre	1995-2023
Train Movements – Operator	4105	Passenger train movements of the operator	thousand train-kilometre	1995-2023
Train Movements – Operator	4106	Freight train movements of the operator	thousand train-kilometre	1995-2023
Train Movements – Operator	4130	All train movements of the operator - Diesel traction	thousand train-kilometre	1995-2023
Train Movements – Operator	4131	Passenger train movements of the operator - Diesel traction	thousand train-kilometre	1995-2023
Train Movements – Operator	4134	Freight train movements of the operator - Diesel traction	thousand train-kilometre	1995-2023
Train Movements – Operator	4140	All train movements of the operator - Electric traction	thousand train-kilometre	1995-2023
Train Movements – Operator	4141	Passenger train movements of the operator - Electric traction	thousand train-kilometre	1995-2023

Domain	VAR_ID	VAR_Description	Unit	Availability period
Train Movements – Operator	4144	Freight train movements of the operator - Electric traction	thousand train-kilometre	1995-2023
Train Movements – Operator	4204	Gross hauled tonne.kilometres of all trains of the operator	million gross tonne-kilometre	1995-2023
Train Movements – Operator	4205	Gross hauled tonne.kilometres of passenger trains of the operator	million gross tonne-kilometre	1995-2023
Train Movements – Operator	4206	Gross hauled tonne.kilometres of freight trains of the operator	million gross tonne-kilometre	1995-2023
Train Movements – Operator	4230	Gross hauled tonne.kilometres of all trains of the operator - Diesel traction	million gross tonne-kilometre	1995-2023
Train Movements – Operator	4231	Gross hauled tonne.kilometres of passenger trains of the operator - Diesel traction	million gross tonne-kilometre	1995-2023
Train Movements – Operator	4234	Gross hauled tonne.kilometres of freight trains of the operator - Diesel traction	million gross tonne-kilometre	1995-2023
Train Movements – Operator	4240	Gross hauled tonne.kilometres of all trains of the operator - Electric traction	million gross tonne-kilometre	1995-2023
Train Movements – Operator	4241	Gross hauled tonne.kilometres of passenger trains of the operator - Electric traction	million gross tonne-kilometre	1995-2023
Train Movements – Operator	4244	Gross hauled tonne.kilometres of freight trains of the operator - Electric traction	million gross tonne-kilometre	1995-2023
Transport Stock	2104	Diesel Locomotives	number	1995-2023
Transport Stock	2106	Electric Locomotives	number	1995-2023
Transport Stock	2108	Diesel Railcars	number	1995-2023
Transport Stock	2109	Electric Railcars	number	1995-2023
Transport Stock	2137	Diesel Multiple Units - DMUs	number	2009-2023
Transport Stock	2140	Electric Multiple Units - EMUs	number	2009-2023
Transport Stock	2204	Coaches	number	1995-2023
Transport Stock	2205	Railcars, trailers, passenger carriages in MUs	number	1995-2023
Transport Stock	2206	Passenger cars - Bodies in Multiple unit and trailers - coaches - end of year (var 2206=2204+2205)	number	1995-2023
Transport Stock	2304	Total number of wagons	number	1995-2023
Transport Stock	2306	Railway wagons - Capacity at end of year	tonne	1995-2023
Transport Stock	4305	Rolling stock movements – Diesel locomotives	thousand kilometre	1995-2023
Transport Stock	4306	Rolling stock movements – Electric locomotives	thousand kilometre	1995-2023
Transport Stock	4307	Rolling stock movements – Diesel railcars	thousand kilometre	1995-2023
Transport Stock	4308	Rolling stock movements – Electric railcars	thousand kilometre	1995-2023
Transport Stock	4332	Rolling stock movements – Diesel MUs	thousand kilometre	2016-2023

Domain	VAR_ID	VAR_Description	Unit	Availability period
Transport Stock	4333	Rolling stock movements – Electric MUs	thousand kilometre	2016-2023