



INTERNATIONAL UNION
OF RAILWAYS

unity, solidarity, universality

Statistics at the International Union of Railways

- **UIC Members and Statistics Group**
- **Data Collection and Statistical Indicators**
- **Dissemination**

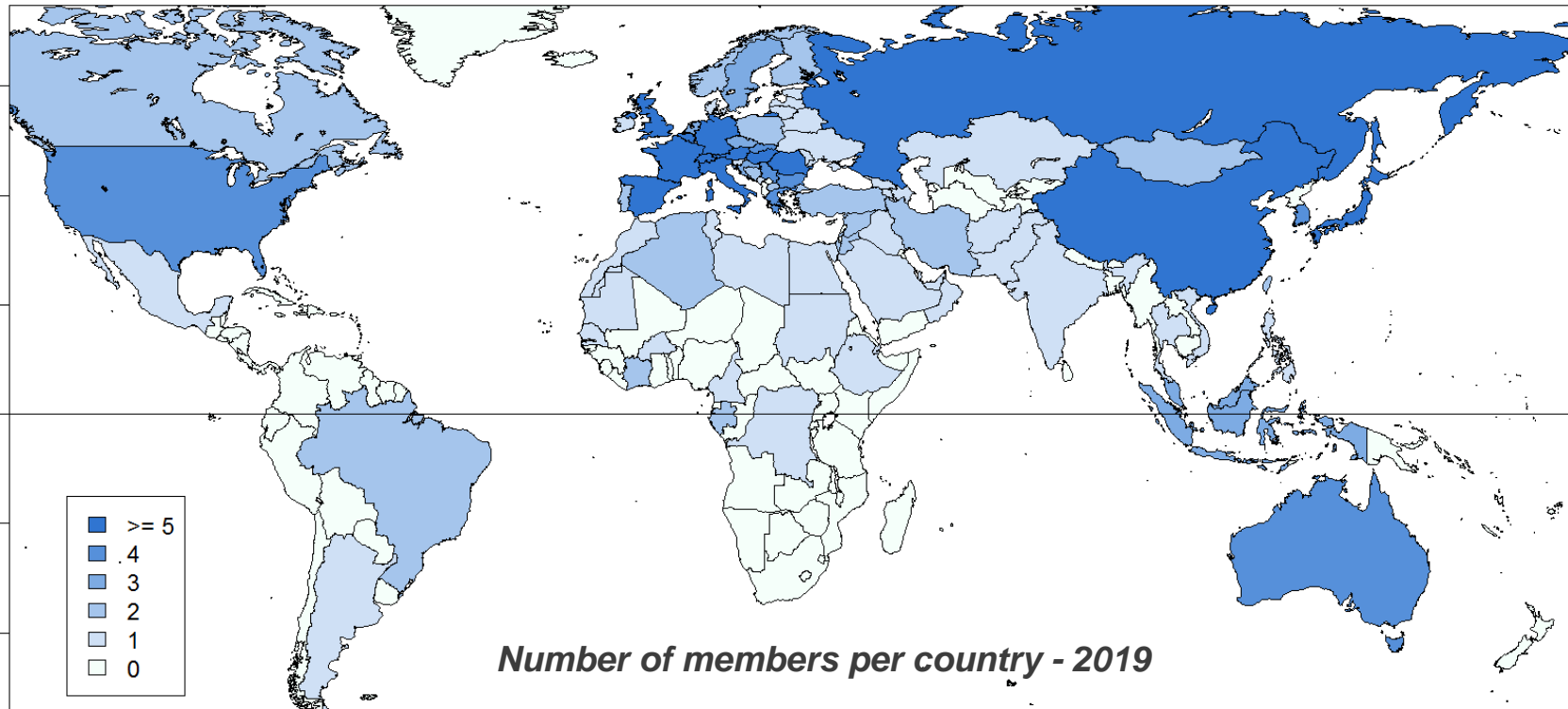
*Alice Favre - Statistics Office
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The **International Union of Railways** counts **200** members.

- > **140** railway companies or associations of railway companies
- > other members are research institutes, engineering groups...

Missions:

- > provide technical and operational **expertise** and **solutions**,
- > encourage **best practices** to develop **interoperability**,
- > promotes rail sector **interests** and **development projects**.



Statistics Group (SG):

100 railway companies

At least one statistics correspondent per company

□ **SG Steering committee :**

Chairman: Roman Sterba SZDC (CZ, infrastructure)

14 collaborators from 9 railway companies

+ CER (Communauté Européenne du Rail)

Company	Country	Activity
BDZ-Holding	Bulgaria	Passenger and freight operator
CFR	Romania	Infrastructure manager
CFR-MARFA	Romania	Freight operator
DB-AG	Germany	Infrastructure manager, passenger and freight operator
FS	Italy	Infrastructure manager, passenger and freight operator
PKP	Poland	Infrastructure manager, passenger and freight operator
SBB CFF FFS	Switzerland	Infrastructure manager, passenger and freight operator
SNCF MOBILITES	France	Passenger and freight operator
SZDC	Czech Republic	Infrastructure manager

□ **SG Plenary meeting** in November

4 questionnaires

Data collected via our web application

- **Monthly data :**
Traffic: Passenger / Freight / Trains

- **Key Performance Indicators**
provisional data -main parameters

- **Annual data**
Network – Transport stock – Staff – Traffic – Punctuality – Financial Results
Energy – Accidents – High Speed >>> 34 tables → 410 variables

- **5-yearly data: Network and Rolling stock**

Tracks and installations

Purpose-built wagons

Age of powered, passenger and freight transport stock

International Railway Statistics data collection tool

Select year : 2017
 Select a company : ONCF
 Step 1 : data entry
 Export to Excel

	Table	var_id	2016	2017
Length of lines worked at the end of the year				
Lines not electrified (km)				
single track	11	1106	822	822
double track or more	11	1115	0	0
Electrified lines (km)				
single track	11	1116	654	588
double track or more	11	1111	633	699
Train movements on the network of the infrastructure manager				
Train kilometres (thousands)				
Total	12	1204	22073	21646

Data verification

- > Automated Control for users:
Absolute difference with the previous year above 10% = **red signal**
- > Automated report on large anomalies for administrator
- > Computation of indicators and temporal evolution
- > Comparison of data coming from other sources such as ITF (non systematic approach)

Data type : Production
 Select year : 2017
 Step 2 : Control data

	2016	2017	Calc	Control	var_id	Visibility	Indicators financial	Indicators traffic, staff...
72 - Specific costs and revenue, Operating and general results for the financial year								
in millions National Currency								
Specific costs								
Material purchases and external charges								
Material purchases	720,5043	747,076		3,69%	7204	Public		
External charges	1418,2468	1450,2389		2,26%	7205	Public		
Total	2138,7511	2197,3149	<input type="checkbox"/>	2,74%	7206	Public	*	
Staff costs								
Salaries and wages	3415,6142	3452,4191		1,08%	7207	Public		
Social security costs	752,5342	760,6384		1,08%	7208	Public		
Total	4168,1484	4213,0575	<input type="checkbox"/>	1,08%	7209	Public	*	
Taxes	88,3532	88,2323		-0,14%	7210	Public	*	
Depreciation and amortisation	2130,3256	2225,8839		4,49%	7211	Public	*	
Value adjustments and provision for contingencies	173,9234	216,0606		24,23%	7212	Public	*	
Total operating	8699,5017	8940,5491	<input type="checkbox"/>	2,77%	7213	Public	*	



<https://uic-stats.uic.org>

LOGIN

Log in

USERNAME

Alice

PASSWORD

.....

LOG IN

CANCEL

FORGOT PASSWORD ?

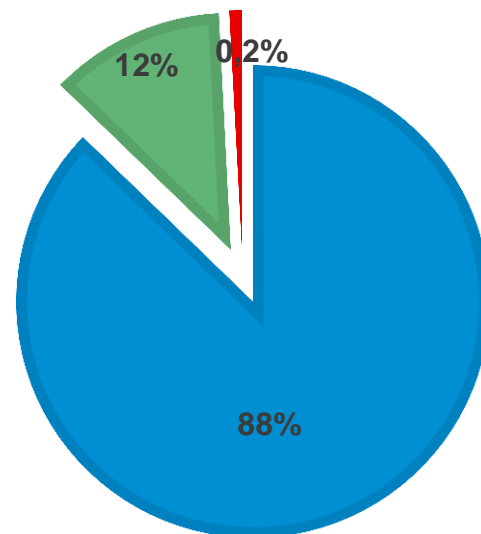
Subscription:

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

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Data visibility

Public UIC Members Confidential



Public version

88% of “public” data



<https://uic-stats.uic.org>

Period from 1995 to 2017

10 domains

73 variables

5 regions

121 countries

271 railway companies

RAILISA
UIC STATISTICS

CONSULT-DATA CONTACT HELP UIC.ORG/STAT

1 SELECT 2 VISUALIZE 3 DOWNLOAD

PERIOD FROM: 2006 TO: 2017

DOMAIN: Freight Traffic

VARIABLE: 6603 : Global Traffic - Freigh traffic of the railway operator (dome...)

REGION: AF - AFRICA, AM - AMERICA, ASI - ASIA, EUR - EUROPE, OCE - OCEANIA

COUNTRY: AF - NG - NIGERIA, AF - SN - SENEGAL, AF - ZA - SOUTH AFRICA, AF - SD - SUDAN, AF - SZ - SWAZILAND, AF - TZ - TANZANIA, **AF - TN - TUNISIA**, AF - UG - UGANDA, AF - ZM - ZAMBIA, AF - ZW - ZIMBABWE

COMPANY: BF - SOPAFER_B (1995 to 2017), DZ - SNTF (1995 to 2017), ET - EDR (2016 to 2017), MA - ONCF (1995 to 2017), TN - SNCFT (1995 to 2017)

RESTORE SAVE (50 VALUES)

- ### Domains
- Accidents
 - Energy
 - Financial Result
 - Freight Traffic**
 - High Speed
 - Infrastructure
 - Passenger Traffic
 - Staff
 - Train Movements
 - Transport Stock

1 SELECT

2 VISUALIZE

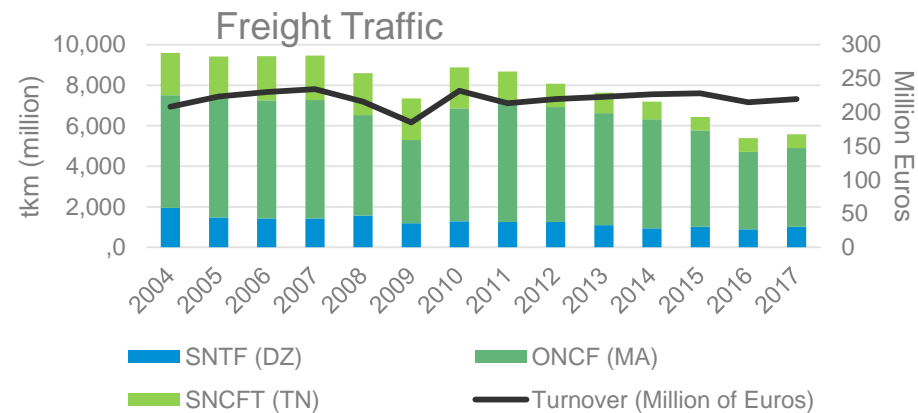
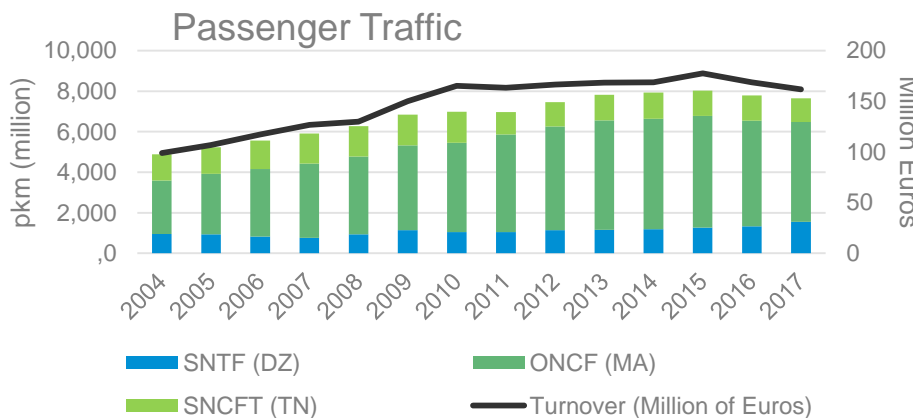
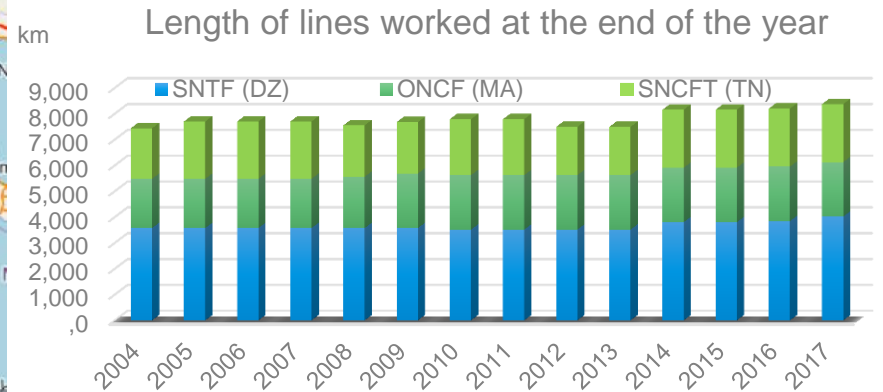
3 DOWNLOAD

VARIABLE	REGION	COUNTRY	COMPANY	YEAR	VALUE	VISIBILITY	UNIT
5113 : Traffic on the national Territory - PKm	AFRICA	Benin	OCBN	2003	66	Public 1	Mp-km
5113 : Traffic on the national Territory - PKm	AFRICA	Botswana	BOR	2000	75	Public 1	Mp-km
5113 : Traffic on the national Territory - PKm	AFRICA	Botswana	BOR	2001	106	Public 1	Mp-km
5113 : Traffic on the national Territory - PKm	AFRICA	Botswana	BOR	2002	115	Public 1	Mp-km
5113 : Traffic on the national Territory - PKm	AFRICA	Botswana	BOR	2003	160	Public 1	Mp-km
5113 : Traffic on the national Territory - PKm	AFRICA	Botswana	BOR	2004	94	Public 1	Mp-km

Download in .csv

UIC_Variable_5113_2000-2017_public.csv

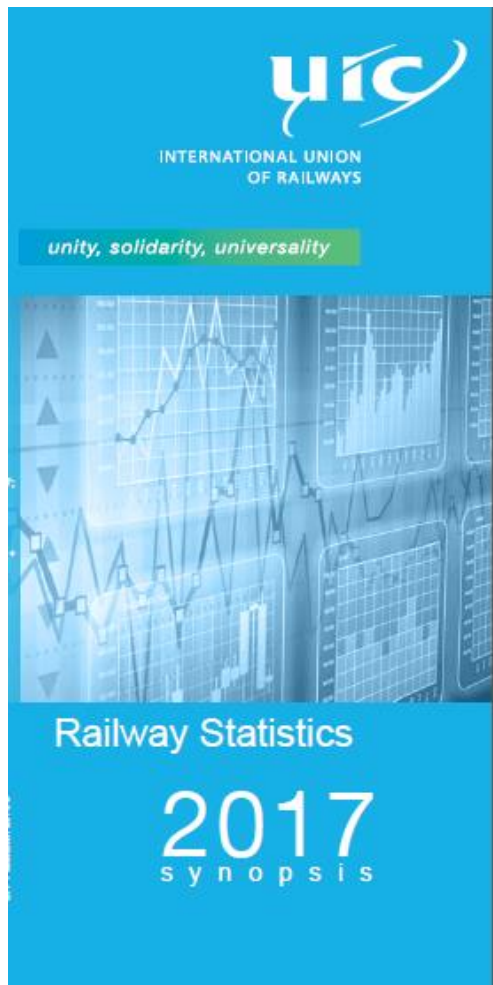
Domain	VarID	VarName	Unit	Region	Country	Company	Y 2000	Y 2001	Y 2002	Y 2003	Y 2004	Y 2005
Passenger Traffic	5113	Traffic on the national Territory - PKm	million passenger kilometre	AFRICA	Benin	OCBN	na	na	na	66	na	na
Passenger Traffic	5113	Traffic on the national Territory - PKm	million passenger kilometre	AFRICA	Botswana	BOR	75	106	115	160	94	94
Passenger Traffic	5113	Traffic on the national Territory - PKm	million passenger kilometre	AFRICA	Democratic Republic of the Congo	ONATRA	na	na	na	na	na	na
Passenger Traffic	5113	Traffic on the national Territory - PKm	million passenger kilometre	AFRICA	Democratic Republic of the Congo	SNCC	188	222	160	142	140	140.4
Passenger Traffic	5113	Traffic on the national Territory - PKm	million passenger kilometre	AFRICA	Congo	CFCO	83.9	170.9	76	59	135	167.5
Passenger Traffic	5113	Traffic on the national Territory - PKm	million passenger kilometre	AFRICA	Ivory Coast	SITARAIL	125.910	182	148	10	na	na
Passenger Traffic	5113	Traffic on the national Territory - PKm	million passenger kilometre	AFRICA	Cameroon	CAMRAIL	327.1	302.8	308.5	319	308	324
Passenger Traffic	5113	Traffic on the national Territory - PKm	million passenger kilometre	AFRICA	DJIBOUTI	CDE	145	173	127	82	na	145
Passenger Traffic	5113	Traffic on the national Territory - PKm	million passenger kilometre	AFRICA	Algeria	SNTF	1142	981	954.868	964	950	929
Passenger Traffic	5113	Traffic on the national Territory - PKm	million passenger kilometre	AFRICA	Egypt	ENR	73565	46059	40837	na	na	na
Passenger Traffic	5113	Traffic on the national Territory - PKm	million passenger kilometre	AFRICA	Gabon	SETRAG	94	63	97	86	92	95



Publication

Railway Statistics – Synopsis
KPIs- Provisional data

<http://www.uic.org/>

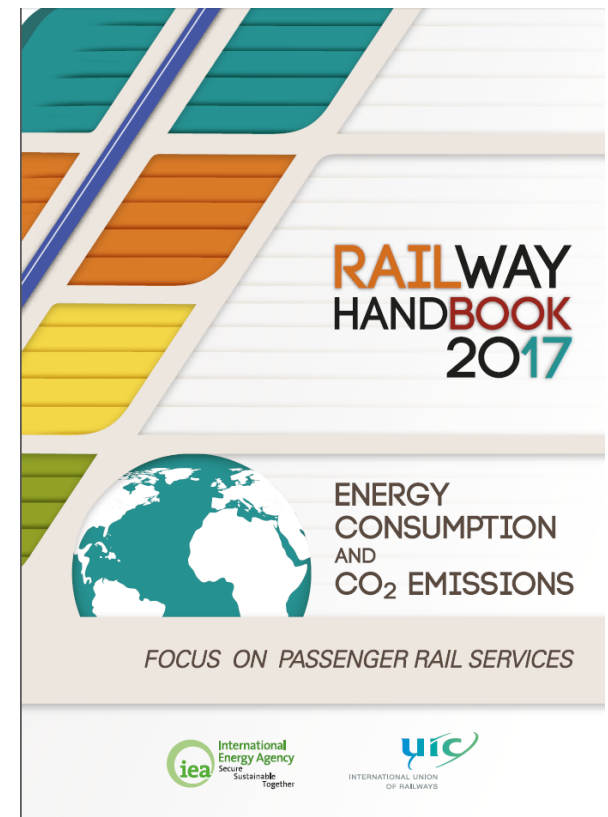


UIC Safety Report



Railway Handbook:
Energy Consumption and
CO2 emissions.

*In collaboration with the
International Energy Agency - OECD*



■ ■ ■ **Thanks for your attention!**

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