

BACK TO A SUSTAINABLE FUTURE



RESILIENT CONNECTIVITY FOR SUSTAINED RECOVERY AND ECONOMIC GROWTH

TRANSPORT STATISTICS



UNECE

Transport Statistics: Update on other statistical issues

Alex Blackburn, UNECE

Working Party on Intermodal Transport and logistics,
17-21 October 2022

Background

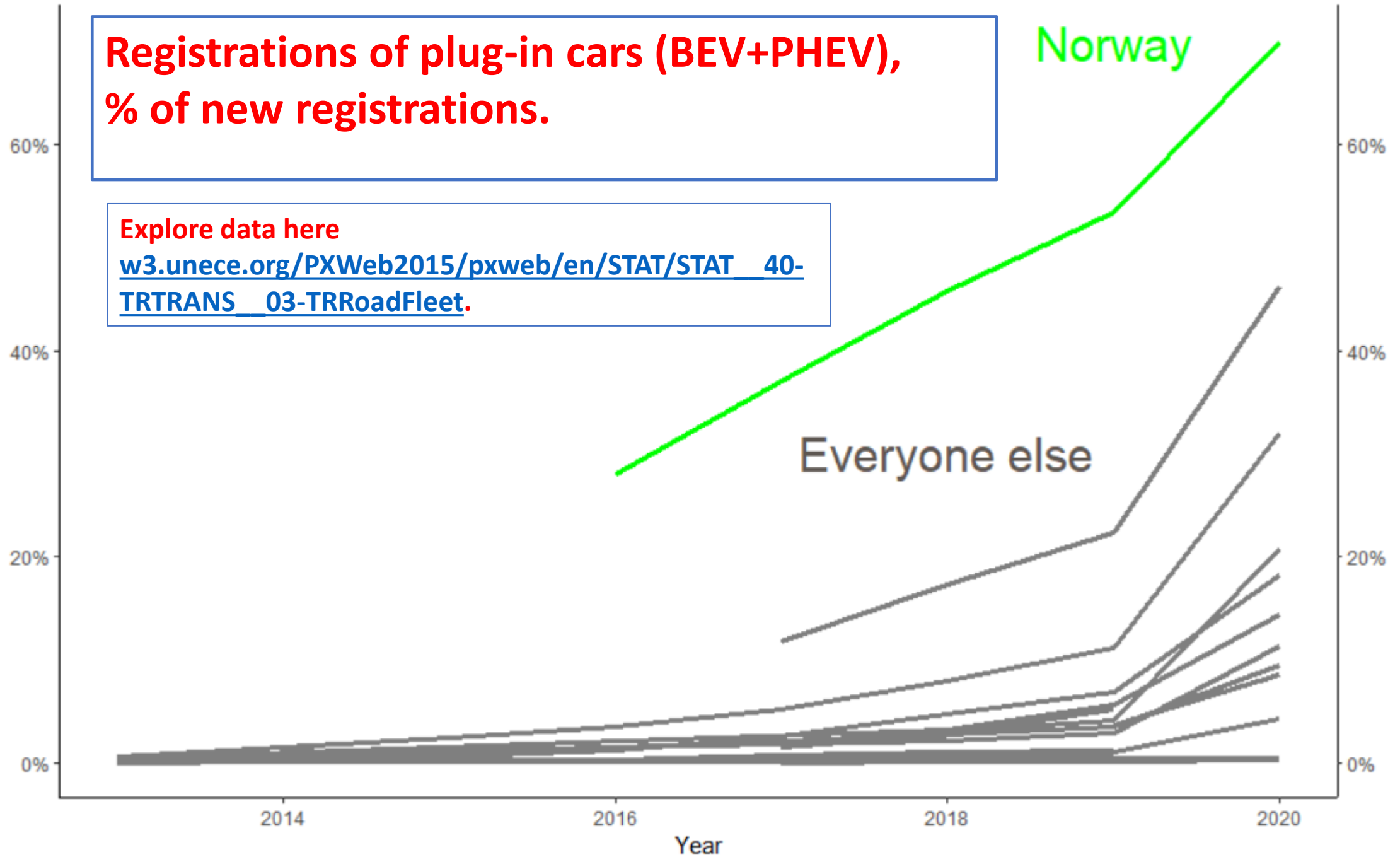


- Regular data work
- Electric vehicle charging
- More geospatial statistics
- Better dissemination of transport statistics: data stories

**Registrations of plug-in cars (BEV+PHEV),
% of new registrations.**

Explore data here

w3.unece.org/PXWeb2015/pxweb/en/STAT/STAT_40-TRTRANS_03-TRRoadFleet.



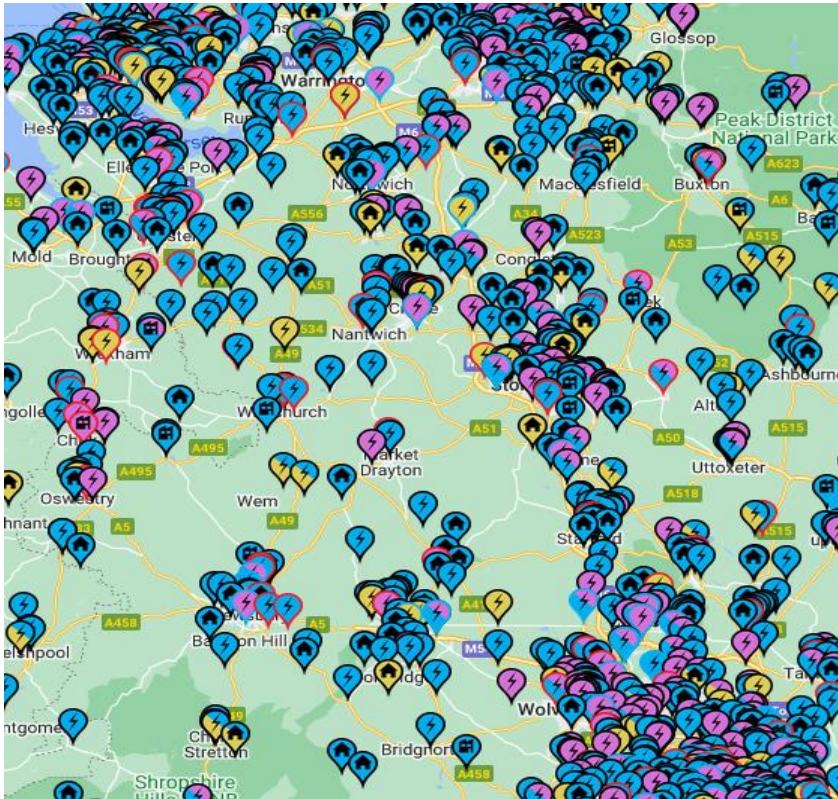
Electric Vehicle Charging: Public infrastructure



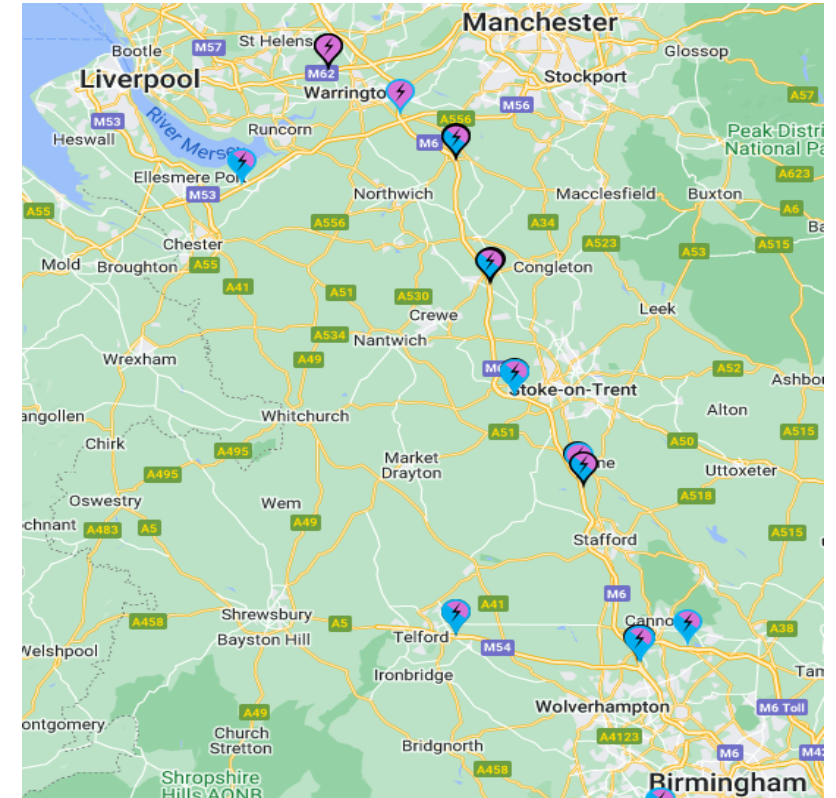
- Mainstreaming electric mobility means addressing range anxiety, which means **public** charging infrastructure.
- Having **comparable** data across countries needed to understand green transition.
- Ideally, including a **geospatial element**.
- But countries count different things:
 - stations/locations/devices/points
 - What is definition of fast?
 - What is public?
- UNECE, Eurostat and ITF working on better definitions, possibly with data collection in the future.

Details matter

All public chargers



Motorway service locations >22 kW

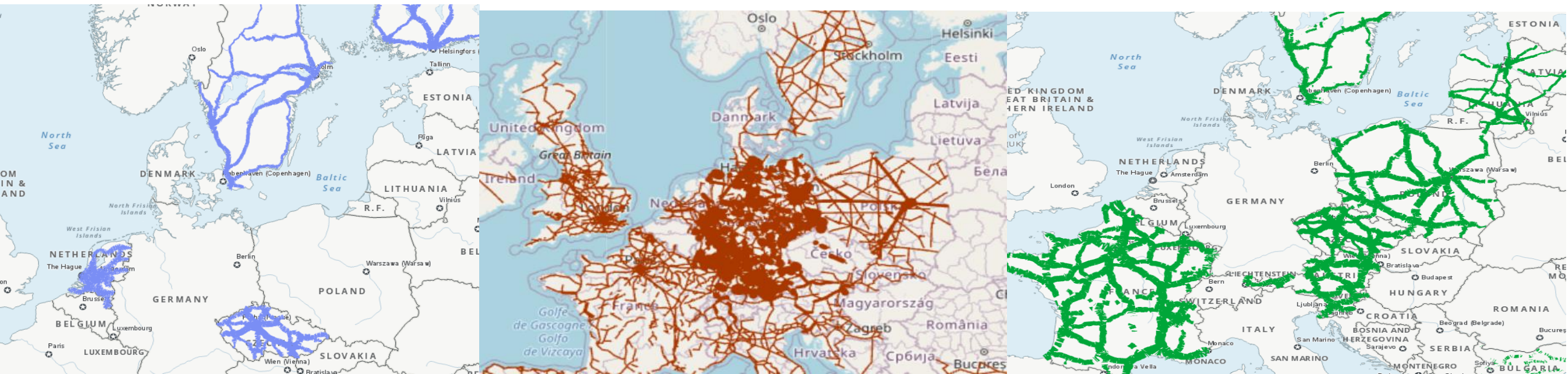


Source: Zap-map.com

Censuses: Background



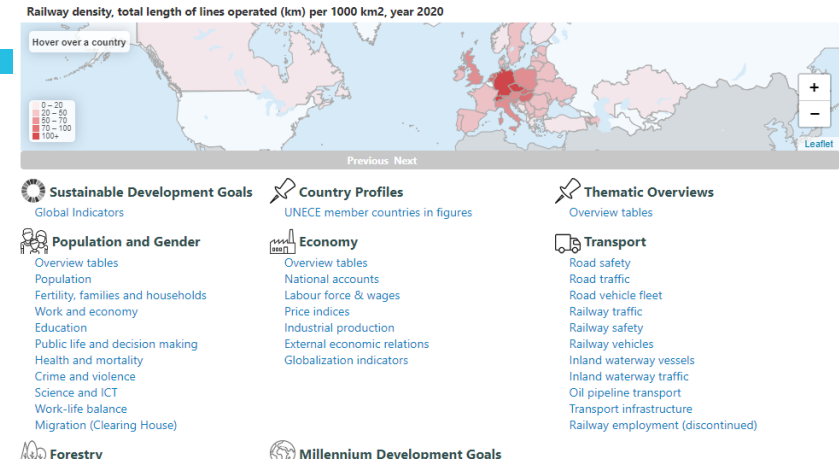
- E-Road Census collects infrastructure information and traffic volumes (AADT) on the E-Road network (in AGR) every 5 years.
- E-Rail census a similar exercise.
- No E-IWW census but we have produced similar outputs with existing Eurostat data.
- Future work: identification of intermodal opportunities.



Improving dissemination of transport statistics



Ok for statisticians, less useful for policy makers



	2013	2014	2015	2016	2017
Killed					
Number of persons					
Armenia	316	297	346	267	279
Austria	455	430	479	432	414
Azerbaijan	1,164	1,124	894	759	750
Belarus	894	757	664	588	589
Belgium	764	745	762	670	609
Bosnia and Herzegovina	334	297	341	321	302
Bulgaria	601	661	708	708	682
Canada	1,951	1,841	1,887	1,900	1,861
Croatia	368	308	348	307	331
Cyprus	44	45	57	46	53
Czechia	654	688	734	611	577
Denmark	191	182	178	211	175
Estonia	81	78	67	71	48
Finland	258	229	270	258	238
France	3,268	3,384	3,459	3,471	3,444
Georgia	514	511	602	581	517
Germany	3,339	3,377	3,459	3,206	3,180

Road traffic fatalities and injuries, rate per million inhabitants and rate per 100 000 passenger cars

Choose variables

About table 88 Expert view

Measurements Mandatory*

of total: 3
persons
Per million inhabitants
Per 100 000 passenger cars

Topic Mandatory*

Select all Deselect all

Selected 1 of total 2

Killed
Injured

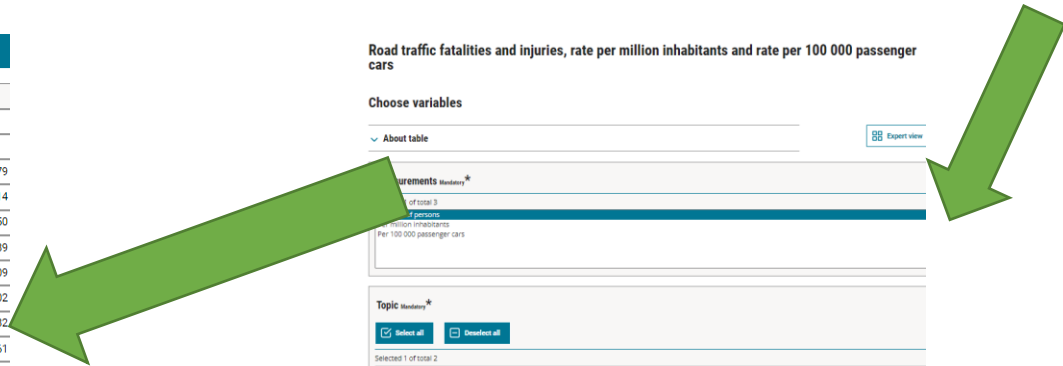
Country Mandatory*

Select all Deselect all

Search Beginning of word

Selected 4 of total 56

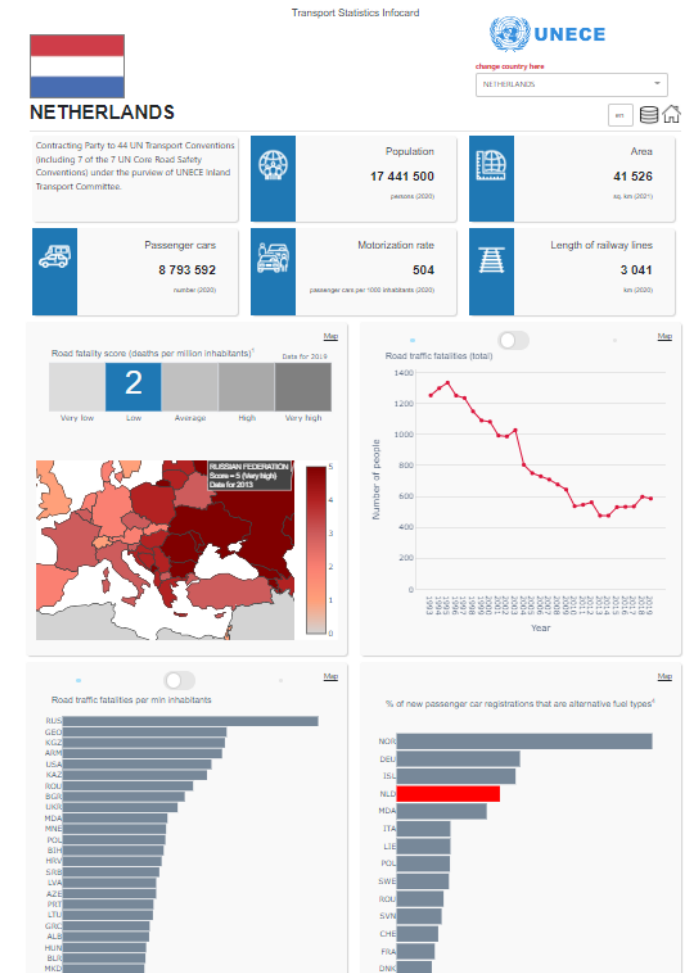
Albania
Andorra
Armenia



Improving dissemination of transport statistics



Useful for transport policy makers. What about others?



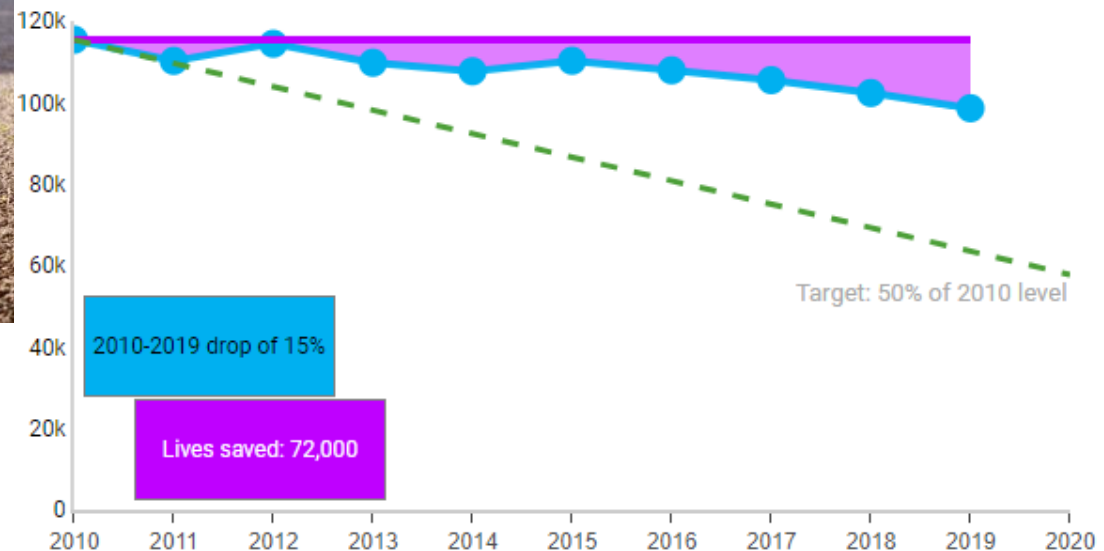
Improving dissemination of transport statistics

ROAD SAFETY IN THE UNECE REGION

WHAT DO THE DATA SAY?

FATALITIES HAVE DECREASED, BUT NOT FAST ENOUGH

Traffic fatalities, UNECE region total



Summary



- WP.6 always happy to collaborate on statistics to improve intermodal transport policy.

BlackburnA@un.org