Data Sources on Coronavirus impact on transport

This page collates data sources for all inland transport modes (including public transport, road and rail network traffic, inland freight transport, vehicle registrations, road safety) as well as maritime and/or port traffic, produced on a short-term basis that give insights into the Coronavirus impact on transport systems. Most sources come from UNECE member State official sources.

See the blog page for some interesting examples, updated as data become available.

Did we miss any sources? Please send us an email.

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United Kingdom
Road safety Transport for London Daily Provisional daily road traffic collision fatalities, updated monthly Monthly

United Kingdom
Urban transport Transport for London Public transport journeys by type of transport (data for 28-day periods, last period ended 1Feb2020 as of 3rd April)

United Kingdom
Urban transport GOV.uk Quarterly Bus statistics End of June

United Kingdom
Shipping Office for National Statistics Weekly Port visits

United States of America
Transport Statistics Bureau of Transportation Statistics: the Week in Transportation Weekly Various weekly transport indicators, making comparisons against the previous week and the same week in 2019.

United States of America
Cross-border movements Department of Transportation Monthly Border crossings US-Mexico, US-Canada, different modes

United States of America
Total Transportation Security Administration Daily Daily total passengers (arrivals into the USA) processed by the TSA Daily

United States of America
Transport statistics Bureau of Transportation Statistics Monthly Transportation services index, freight and passengers

United States of America
Road transport Inrix National traffic volumes during the crisis (commercial data provider)

United States of America
Rail transport Department of Transportation Monthly Number of passengers transported, PKM

United States of America
Rail transport Amtrak Monthly performance report (including passenger numbers, passenger miles, seat miles and train miles; latest February 2020 as of 6 April)

United States of America
Road safety NYPD Daily New York City traffic crash data, including injuries and fatalities. Basic R-script to graph total fatalities by month. Daily

Uzbekistan

Other information:


CCNR: Info on navigation on the Rhine: https://www.ccr-zkr.org/13070000-en.html#02

Transport Community Secretariat: https://www.transport-community.org/covid-19-news/. Twitter updates give regular information about border waiting times between EU and Western Balkan states https://twitter.com/EUWB6_TCT.

Google mobility reports for countries show mobility at transit stations: https://www.google.com/covid19/mobility/.


Article with link to Tomtom traffic index data for hundreds of cities, comparing 2019 and 2020 patterns https://www.theguardian.com/world/interactive/2020/apr/27/the-traffic-data-that-shows-the-road-into-and-out-of-covid-19-lockdown. (Type the city name in the box towards the bottom of the article).

Data on aviation traffic in Europe: https://www.eurocontrol.int/Economics/DailyTrafficVariation-States.html

Daily estimate of total vehicle miles travelled in United States counties: https://www.streetlightdata.com/VMT-monitor-by-county/#emergency-map-response


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Data Sources on Coronavirus impact on transport updated 01 May, 2020 • view change

Alexander BLACKBURN
15 April: Road safety examples updated 30 Apr, 2020 • view change

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Will the pandemic spark a change in urban mobility? updated 24 Apr, 2020 • view change

20 April: A drop in vehicle registrations due to the Coronavirus updated 20 Apr, 2020 • view change