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. Last updated on 16 November.

New: Provisional monthly road safety data for 20 countries have been collated into a dataset, see this new page.

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

A B C D E F G H I K L M N P R S T U Other information

Country	Topic	Link	Periodicity	Notes	Next update
Albania	Transport statistics	Institute of Statistics	Monthly	Freight volumes by rail and sea Passenger transport by rail and sea Export/import by mode of transport	
Albania	Road Safety	Institute of Statistics	Monthly		
Albania	Cross-border movements	Institute of Statistics	Monthly		
Andorra	Cross-border movements	Department of Statistics	Monthly		
Armenia	Transport statistics	Statistical Committee		Available in Armenian and Russian	
Armenia	Transport statistics	Statistical Committee	Monthly	Data on rail, road, subway and trolleybus traffic	
Austria	Vehicle registrations	Statistics Austria	Monthly		Reference month data expected 18-22 days later.
Austria	Road safety	Statistics Austria	Quarterly		Quarterly data available around 4 months after the reference period.
Azerbaijan	Road safety	State Statistical Committee	Quarterly	1Q2020 released on 18 May.	
Belarus	Transport Statistics	National Statistical Committee	Monthly	Transportation of cargo and passengers by rail, road, inland waterway, air, city electric transport and subway, transportation of products by pipeline	Operational data (17th-18th after the reporting period); Socio-economic data (25-29th after the reporting period)
Belgium	Vehicle registrations	Mobility Belgium (French)	Monthly	Monthly data available but only in PDFs.	
Bosnia and Herzegovina	Transport statistics	Agency for Statistics of BiH	Quarterly	Cross-border traffic, Passenger and freight traffic	
Bosnia and Herzegovina	Vehicle Registrations	The Agency for Identification Documents, Registers and Data Exchange	Monthly	Total registrations and first-time registrations	
Bosnia and Herzegovina	Transport statistics	Federal Bureau of Statistics of the Federation of Bosnia and Herzegovina (providing data for one of the two political entities of BiH).	Quarterly	Road and rail transport of goods and passengers	Quarterly data published two months later.
Bulgaria	Rail transport	National Statistical Institute	Quarterly	Freight and passenger data.	
Bulgaria	Road safety	Ministry of Interior/Road Police	Monthly		

Bulgaria	Road transport	National Statistical Institute	Quarterly	Quarterly road freight performance	Quarterly data published two months later.
Canada	Cross-border movements	Statistics Canada	Monthly		
Canada	Transport statistics	Statistics Canada	Monthly		
Canada	Rail transport	Statistics Canada	Monthly	Railway carloadings	
Canada	Rail transport	Statistics Canada	Weekly	Rail terminal performance	
Croatia	Transport statistics	Bureau of Statistics	Monthly /Quarterly	Cross-border traffic, traffic in seaports, IWW transport	13 May
Croatia	Road Safety	Ministry of the Interior	Monthly		
Croatia	Transport statistics	Bureau of Statistics	Monthly /Quarterly	Summary of transport situation	
Cyprus	Vehicle registrations	Statistical Service	Monthly		
Czechia	Transport statistics	Czech Statistical Office	Quarterly	Rail, bus and air traffic until Q2/2019	
Czechia	Road Safety	Czech Police	Monthly	In addition to this source of provisional data from the Czech Police, the Czech Minsitry of transport compiles monthly data according to the 30 day definition. Find the latest file here.	
Czechia	Transport statistics	Ministry of transport	Quarterly	Czech only. Various transport performance indicators until 4Q2019 (9 April)	
Denmark	Transport statistics	Statistics Denmark	Quarterly	Ferry and rail transport	
Denmark	Road traffic	Statistics Denmark (Data in Excel)	Daily	Daily road traffic through the country; weekly passenger car and truck traffic across the Great Belt Bridge; passenger departures from Copenhagen Airport.	
Denmark	Port traffic	Statistics Denmark	Daily	Daily port visits, compared to 2019.	
Denmark	Cross-border movements	Oresund Bro		Traffic on the Oresund bridge connecting Denmark and Sweden	
Denmark	Road transport	Ministry of Transport and Housing		Article on increased speeding in big cities, in Danish Article on impact on road traffic, in Danish	
Denmark	Road safety	Road Directorate (in Danish)	Monthly		
Denmark	Urban transport	Ministry of Transport and Housing		Article and PDF on impact on public transport, in Danish	
Estonia	Transport statistics	Statistics Estonia	Monthly /Quarterly	Passenger and freight traffic Passenger transport by bus on local and highway lines Article on decrease in mobility	May-June
Estonia	Road Safety	Estonian Road Police	Monthly		
Finland	Transport statistics	Statistics Finland	Monthly		May-June
Finland	Road Safety	Statistics Finland	Monthly		
Finland	Road transport	Finnish Transport Infrastructure Agency	Monthly	Daily data in Finnish (12-27 March) Impact on other forms of transport in Finnish	
Finland	Cross-border movements	Finnish Transport Infrastructure Agency	Monthly	By road vehicle	
Finland	Aviation	Finavia	Monthly		
Finland	Traffic volumes	Traffic Management Finland		Article with statistics	

Finland	Vehicle registrations	Statistics Finland	Monthly		
France	Transport statistics	Ministère de la Transition écologique et solidaire	Monthly /Quarterly	In French	
France	Rail transport	Observatoire Régional Transports et Logistique		Circulation of trains, in French	
France	Road safety	French Road Safety Observatory	Monthly		Provisional data are published 9-12 days after the reference month.
France	Road safety	Newspaper interview		Interview with delegate to the French Interministerial Road Safety Observatory, highlighting the increase in road accident fatalities and increased speeds since the easing of lockdown measures.	
Georgia	Road safety	Georgia police	Quarterly	Only in Georgian	
Germany	Vehicle registrations	Kraftfahrt-Bundesamt	Monthly	Descriptive, not tabular	
Germany	Road transport	Destatis	Daily	Daily truck traffic	
Germany	Mobility	Destatis		Article (in German) on different mobility indicators.	
Germany	Road safety	Destatis	Monthly		Reference month published approximately 2 months later.
Greece	Road safety	Hellenic Statistical Authority	Monthly	Data until April 2020	Data for month X released at the end of month X+2.
Hungary	Road Safety	http://www.police.hu/hu/a-rendorsegrol/statisztikak/kozlekedesrendeszet?page=0	Monthly	Hungarian only	
Iceland	Road transport	Icelandic Transport Authority	Annual	In Icelandic (google translate works)	
Ireland	Transport Statistics	Central Statistics Office		COVID19 Information Hub, including vehicle registrations and air and sea travel.	
Ireland	Vehicle registrations	Central Statistics Office	Monthly		
Ireland	Urban transport			Article on impact on public transport from the National Transport Authority	
Ireland	Road safety	Road Safety Ireland	Monthly	Penalty point data (as a measure of driver behaviour/safety)	
Ireland	Road safety	Garda (Ireland National Police)	Monthly	Road traffic accident statistics	Daily
Israel	Road safety	Central Bureau of Statistics	Monthly	Basic data in English, more detailed data in Hebrew.	Data from previous month released at end of month
Israel	Transport statistics	Central Bureau of Statistics	Monthly	Various monthly transport indicators, released quarterly.	
Italy	Road Safety	Association of Supporters and Friends of the Traffic Police	Monthly	Press releases (in Italian, no databases) on monthly traffic accidents on motorways (in addition to weekend reports with previous-year comparisons).	
Italy	Passenger mobility	Isfort	Various	Isfort is a private institute part of the Italian Statistical System and has produced regular reports detailing changes in mobility patterns. Examples(in Italian): https://www.isfort.it/progetti/limpatto-del-lockdown-sui-comportamenti-di-mobilita-degli-italiani/ https://www.isfort.it/2020/04/01/il-tasso-di-mobilita-degli-italiani-al-tempo-del-covid-19/ https://www.isfort.it/2020/04/29/la-mobilita-nel-dopo-covid-19/	
Italy	Passenger mobility	Enel	Various	Various mobility measures, broken down by region or city. The data sources include smart vehicles, apps for smartphone, and smart lampposts.	

Italy	Vehicle registrations	UNRAE	Monthly	In Italian March data compared to previous year	
Italy	Urban transport	Romamobilita	Daily/Monthly	In Italian, urban and road transport in Rome	
Kazakhstan	Transport statistics	Statte Statistical Committee	Monthly		
Kyrgyzstan					
Latvia	Transport statistics	Central Statistics Bureau	Monthly	Various transport data, most quarterly but some (e.g. rail freight) monthly	
Latvia	Vehicle registrations	Central Statistics Bureau	Quarterly		
Latvia	Road safety	Central Statistics Bureau	Quarterly		
Liechtenstein					
Lithuania	Transport statistics	Official Statistics Portal	Quarterly	Passenger transport	
Lithuania	Vehicle registrations	Statistics Lithuania	Monthly		
Luxembourg	Vehicle registrations	Statistics Luxembourg	Monthly		
Malta					
Moldova, Republic of	Transport statistics	National Bureau of Statistics	Monthly	Transport of goods and passengers, by means of transport: rail, road, river and air	
Monaco					
Montenegro	Transport statistics	Statistical Office	Quarterly		Quarterly data published two months later.
Netherlands	Aviation	Statistics Netherlands	Monthly		
Netherlands	Transport statistics	Statistics Netherlands	Weekly	Transport movements for various modes, with a focus on freight.	
Netherlands	Transport statistics	Statistics Netherlands		Corona impact on public mobility	
Netherlands	Road traffic	National Datawarehouse for Traffic Information		1. An article on impact of corona measure on mobility in the Netherlands. 2. Open data on real-time traffic information, including Shapefiles. 3. Historical open data on road traffic.	
Netherlands	Road safety	Road safety report		Report prepared for the police on the COVID19 road safety impact.	
North Macedonia	Transport statistics	State Statistical Office	Quarterly	Click link to access table with more data in addition to bus statistics)	
Norway	Road safety	Statistics Norway	Monthly		Reference month available approx. 20 days later.
Norway	Vehicle registrations	Statistics Norway	Monthly		
Poland	Road transport	Stalexport Autostrady		Traffic performance on A4 motorway between Katowice and Krakow	
Poland	Road safety	Poland police	Daily		
Poland	Vehicle registrations	Statistics Poland	Quarterly	1Q2020 registration data expected in June	Quarterly data published three months later.
Portugal	Urban transport	Statistics Portugal	Monthly	Subway	
Portugal	Transport statistics	Statistics Portugal	Quarterly		
Romania		Poland Police	Daily	Daily and cumulative road accident data	

Russian Federation	Rail transport	Russian railways	Monthly	Year-to-date Passenger numbers and passenger-km Year-to-date tonnes (by commodity) and tonne-km	
San Marino					
Serbia	Transport statistics	Statistical Office	Quarterly		
Slovakia					
Slovenia	Road transport	Statistical Office	Monthly	Public scheduled road passenger transport	
Slovenia	Road safety	Slovenia Traffic Safety Agency	Monthly	In Slovenian, Traffic Safety Agency provisional monthly data (including the current month) that are updated weekly.	
Slovenia	Transport statistics	Statistical Office	Monthly /Quarterly		
Spain	Transport statistics	National Statistics Institute and National Statistics Institute	Monthly	Passenger transport statistics In Spanish: Article on Road Safety during Easter Article on Road Traffic during Easter Coverage of Corona impact on traffic	
Spain	Road safety	Ministry of Interior	Monthly	Provisional road fatality data (fatalities within 24 hours of the crash).	
Sweden	Transport Statistics	Trafa	Weekly	Weekly indicators on passenger and goods transport, various modes.	
Sweden	Rail transport	Transport Analysis	Quarterly		
Sweden	Road safety	Transport Styrelsen	Monthly	In Swedish	
Switzerland	Vehicle registrations	Federal Statistical Office	Monthly	Graph until March 2020	12 May ; 11 June; 14 July; 11 August; 10 September; 13 October; 12 November; 14 December.
Switzerland	Aviation	Federal Statistical Office	Quarterly	In French and German	June 4 (data for first quarter 2020); September 3; November 9
Switzerland	Key figures on road goods transport performance	Federal Statistical Office	Quarterly	In French and German, provisional data	August 25 (data for first quarter 2020); November 24
Switzerland	Key figures on rail transport performance	Federal Statistical Office	Quarterly	In French and German, provisional data	June 15 (data for first quarter 2020); September 14; December 16
Switzerland	Transport Statistics	Federal Statistical Office	Daily or weekly	In German and French, a new set of experimental statistics, based on mobile phone data of volunteers. The focus is on personal mobility in terms of distances travelled per day and length of trip. In the coming weeks this will also include modal split information.	First released 12 May, updated daily.
Switzerland	Road traffic counts	Federal Roads Office	Weekly	In French, German and Italian, traffic volume at 9 important counting stations, comparison between 2020 and 2019	-
Tajikistan					
Turkey	Vehicle registrations	Central Dissemination System	Monthly		
Turkmenistan				Goods transport (in tonnes), for rail, road, water, pipeline and air.	
Ukraine	Transport statistics	State Statistical Service	Monthly (cumulative)	PKM by type of transport, yearly cumulative total (see also)	

Ukraine	Freight statistics	State Statistical Service	Monthly	Volume of freight traffic,	
United Kingdom	Road transport	Highways England	Monthly	Summary data for all strategic roads ('M' and 'A' roads; monthly data publishes 3 weeks after the reference month.)	
United Kingdom	Road traffic; rail traffic; urban transport	Department for Transport (contained in Cabinet Office daily briefings. Transport data not provided every day.).	Daily	Indicative road traffic and available public transport data, daily Methodology note on weekly and daily statistics.	
United Kingdom	Vehicle registrations	GOV.uk	Monthly	Reported with 6-month lag	
United Kingdom	Rail transport	Office of Rail and Road	Quarterly	Passenger data	Mid-June
United Kingdom	Road safety	Transport for London	Daily	Provisional daily road traffic collision fatalities, updated monthly	Monthly
United Kingdom	Road Safety	Police Service of Northern Ireland	Daily	Daily road fatality data, updated weekly, with a detailed victim breakdown (by age, gender, road user etc).	
United Kingdom	Urban transport	Transport for London		Public transport journeys by type of transport (data for 28-day periods)	
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	Transport Statistics	BTS: Monthly transportation Statistics	Monthly	many different monthly transport statistics	
United States of America	Transport Statistics	BTS: COVID-19 related statistics	Various	Multiple datasets on COVID-19-related changes to mobility, including daily travel patterns.	
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; published with 3 month time lag.)	
United States of America	Road safety	National Safety Council	Monthly	Estimates of Monthly road traffic fatalities, by State. Data published ~55 days after the reference month.	
United States of America	Road safety	NYPD	Daily	New York City traffic crash data, including injuries and fatalities.	Daily
United States of America	Road safety	City and County of San Francisco	Monthly	San Francisco fatal traffic crash data, collated monthly	
United States of America	Road safety	City of Los Angeles	Daily	Los Angeles traffic collision database. Only information on traffic accidents, not on fatalities or injuries.	
Uzbekistan					

Other information:

For a road safety report from the European transport Safety Council, see https://etsc.eu/covid-19-huge-drop-in-traffic-in-europe-but-impact-on-road-deaths-unclear/.

For general resources from the International transport Forum, see https://www.itf-oecd.org/covid-19.

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/.

Bike counter data for specific locations in many cities around the world http://data.eco-counter.com/ParcPublic/?id=4586 and https://www.eco-compteur.com/en/covid19-dashboard/.

Article with link to Tomtom traffic index data for hundreds of cities, comparing 2019 and 2020 patterns https://www.theguardian.com/world/ng-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). Note that this measures differences in journey time compared with a zero-traffic situation. A 20% reduction in journey time does not imply a 20% traffic reduction.

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

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

Passenger car registrations in the EU, data from the European Automobile Manufacturers Association: https://www.acea.be/press-releases/article/passenger-car-registrations-25.6-first-quarter-of-2020-55.1-in-march

General information about statistics production in the time of COVID19 by UNECE Statistics Division: https://statswiki.unece.org/display/COV/Home.

Activité récente sur l'espace

Anonymous
Data Sources on Coronavirus impact on transport updated 16 Jun, 2021 view change
Israel Road Safety Week created 16 Nov, 2020
5 November Quarterly Rail Data from Eurostat updated 05 Nov, 2020 view change
Collated Provisional Road Safety Data updated 17 Sep, 2020 view change

Anonymous
Data Sources on Coronavirus impact on transport updated 19 Jun, 2020 view change

Contributeurs à l'espace

- Hakan VOLKAN (1457 days ago)