

# 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](#).

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## COVID-19 RESPONSE

Country	Topic	Link	Periodicity	Notes	Next update
Albania	Transport statistics	<a href="#">Institute of Statistics</a>	Monthly	Freight volumes by rail and sea Passenger transport by rail and sea Export/import by mode of transport	
Albania	Road Safety	<a href="#">Institute of Statistics</a>	Monthly		
Albania	Cross-border movements	<a href="#">Institute of Statistics</a>	Monthly		
Andorra	Cross-border movements	<a href="#">Department of Statistics</a>	Monthly		
Armenia	Transport statistics	<a href="#">Statistical Committee</a>		Available in Armenian and Russian	
Armenia	Transport statistics	<a href="#">Statistical Committee</a>	Monthly	Data on rail, road, subway and trolleybus traffic	
Austria	Vehicle registrations	<a href="#">Statistics Austria</a>	Monthly		Reference month data expected 18-22 days later.
Austria	Road safety	<a href="#">Statistics Austria</a>	Quarterly		Quarterly data available around 4 months after the reference period.
Azerbaijan	Road safety	<a href="#">State Statistical Committee</a>	Quarterly	1Q2020 released on 18 May.	
Belarus	Transport Statistics	<a href="#">National Statistical Committee</a>	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	<a href="#">Mobility Belgium (French)</a>	Monthly	Monthly data available but only in PDFs.	
Bosnia and Herzegovina	Transport statistics	<a href="#">Agency for Statistics of BiH</a>	Quarterly	Cross-border traffic, Passenger and freight traffic	
Bosnia and Herzegovina	Vehicle Registrations	<a href="#">The Agency for Identification Documents, Registers and Data Exchange</a>	Monthly	Total registrations and first-time registrations	
Bosnia and Herzegovina	Transport statistics	<a href="#">Federal Bureau of Statistics of the Federation of Bosnia and Herzegovina</a> (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	<a href="#">National Statistical Institute</a>	Quarterly	Freight and passenger data.	
Bulgaria	Road safety	<a href="#">Ministry of Interior/Road Police</a>	Monthly		

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

Finland	Vehicle registrations	<a href="#">Statistics Finland</a>	Monthly		
France	Transport statistics	<a href="#">Ministère de la Transition écologique et solidaire</a>	Monthly /Quarterly	In French	
France	Rail transport	<a href="#">Observatoire Régional Transports et Logistique</a>		Circulation of trains, in French	
France	Road safety	<a href="#">French Road Safety Observatory</a>	Monthly		Provisional data are published 9-12 days after the reference month.
France	Road safety	<a href="#">Newspaper interview</a>		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	<a href="#">Georgia police</a>	Quarterly	Only in Georgian	
Germany	Vehicle registrations	<a href="#">Kraftfahrt-Bundesamt</a>	Monthly	Descriptive, not tabular	
Germany	Road transport	<a href="#">Destatis</a>	Daily	Daily truck traffic	
Germany	Mobility	<a href="#">Destatis</a>		Article (in German) on different mobility indicators.	
Germany	Road safety	<a href="#">Destatis</a>	Monthly		Reference month published approximately 2 months later.
Greece	Road safety	<a href="#">Hellenic Statistical Authority</a>	Monthly	Data until April 2020	Data for month X released at the end of month X+2.
Hungary	Road Safety	<a href="http://www.police.hu/hu/a-rendorsegrol/statisztikak/kozlekedesrendeszet?page=0">http://www.police.hu/hu/a-rendorsegrol/statisztikak/kozlekedesrendeszet?page=0</a>	Monthly	Hungarian only	
Iceland	Road transport	<a href="#">Icelandic Transport Authority</a>	Annual	In Icelandic (google translate works)	
Ireland	Transport Statistics	<a href="#">Central Statistics Office</a>		COVID19 Information Hub, including vehicle registrations and air and sea travel.	
Ireland	Vehicle registrations	<a href="#">Central Statistics Office</a>	Monthly		
Ireland	Urban transport			<a href="#">Article on impact on public transport from the National Transport Authority</a>	
Ireland	Road safety	<a href="#">Road Safety Ireland</a>	Monthly	Penalty point data (as a measure of driver behaviour/safety)	
Ireland	Road safety	<a href="#">Garda (Ireland National Police)</a>	Monthly	Road traffic accident statistics	Daily
Israel	Road safety	<a href="#">Central Bureau of Statistics</a>	Monthly	Basic data in English, more detailed data in Hebrew.	Data from previous month released at end of month
Israel	Transport statistics	<a href="#">Central Bureau of Statistics</a>	Monthly	Various monthly transport indicators, released quarterly.	
Italy	Road Safety	<a href="#">Association of Supporters and Friends of the Traffic Police</a>	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	<a href="#">Isfort</a>	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): <a href="https://www.isfort.it/progetti/limpatto-del-lockdown-sui-comportamenti-di-mobilita-degli-italiani/">https://www.isfort.it/progetti/limpatto-del-lockdown-sui-comportamenti-di-mobilita-degli-italiani/</a> <a href="https://www.isfort.it/2020/04/01/il-tasso-di-mobilita-degli-italiani-al-tempo-del-covid-19/">https://www.isfort.it/2020/04/01/il-tasso-di-mobilita-degli-italiani-al-tempo-del-covid-19/</a> <a href="https://www.isfort.it/2020/04/29/la-mobilita-nel-dopo-covid-19/">https://www.isfort.it/2020/04/29/la-mobilita-nel-dopo-covid-19/</a>	
Italy	Passenger mobility	<a href="#">Enel</a>	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	<a href="#">UNRAE</a>	Monthly	In Italian <a href="#">March data compared to previous year</a>	
Italy	Urban transport	<a href="#">Romamobilita</a>	Daily/Monthly	In Italian, urban and road transport in Rome	
Kazakhstan	Transport statistics	<a href="#">Statte Statistical Committee</a>	Monthly		
Kyrgyzstan					
Latvia	Transport statistics	<a href="#">Central Statistics Bureau</a>	Monthly	Various transport data, most quarterly but some (e.g. rail freight) monthly	
Latvia	Vehicle registrations	<a href="#">Central Statistics Bureau</a>	Quarterly		
Latvia	Road safety	<a href="#">Central Statistics Bureau</a>	Quarterly		
Liechtenstein					
Lithuania	Transport statistics	<a href="#">Official Statistics Portal</a>	Quarterly	Passenger transport	
Lithuania	Vehicle registrations	<a href="#">Statistics Lithuania</a>	Monthly		
Luxembourg	Vehicle registrations	<a href="#">Statistics Luxembourg</a>	Monthly		
Malta					
Moldova, Republic of	Transport statistics	<a href="#">National Bureau of Statistics</a>	Monthly	Transport of goods and passengers, by means of transport: rail, road, river and air	
Monaco					
Montenegro	Transport statistics	<a href="#">Statistical Office</a>	Quarterly		Quarterly data published two months later.
Netherlands	Aviation	<a href="#">Statistics Netherlands</a>	Monthly		
Netherlands	Transport statistics	<a href="#">Statistics Netherlands</a>	Weekly	Transport movements for various modes, with a focus on freight.	
Netherlands	Transport statistics	<a href="#">Statistics Netherlands</a>		Corona impact on public mobility	
Netherlands	Road traffic	<a href="#">National Datawarehouse for Traffic Information</a>		<ol style="list-style-type: none"> <li>1. An <a href="#">article</a> on impact of corona measure on mobility in the Netherlands.</li> <li>2. <a href="#">Open data</a> on real-time traffic information, including Shapefiles.</li> <li>3. <a href="#">Historical open data</a> on road traffic.</li> </ol>	
Netherlands	Road safety	<a href="#">Road safety report</a>		Report prepared for the police on the COVID19 road safety impact.	
North Macedonia	Transport statistics	<a href="#">State Statistical Office</a>	Quarterly	Click link to access table with more data in addition to bus statistics)	
Norway	Road safety	<a href="#">Statistics Norway</a>	Monthly		Reference month available approx. 20 days later.
Norway	Vehicle registrations	<a href="#">Statistics Norway</a>	Monthly		
Poland	Road transport	<a href="#">Stalexport Autostrady</a>		Traffic performance on A4 motorway between Katowice and Krakow	
Poland	Road safety	<a href="#">Poland police</a>	Daily		
Poland	Vehicle registrations	<a href="#">Statistics Poland</a>	Quarterly	1Q2020 registration data expected in June	Quarterly data published three months later.
Portugal	Urban transport	<a href="#">Statistics Portugal</a>	Monthly	Subway	
Portugal	Transport statistics	<a href="#">Statistics Portugal</a>	Quarterly		
Romania		<a href="#">Poland Police</a>	Daily	Daily and cumulative road accident data	

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

Ukraine	Freight statistics	<a href="#">State Statistical Service</a>	Monthly	Volume of freight traffic,	
United Kingdom	Road transport	<a href="#">Highways England</a>	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	<a href="#">Indicative road traffic and available public transport data, daily</a> <a href="#">Methodology note on weekly and daily statistics.</a>	
United Kingdom	Vehicle registrations	<a href="#">GOV.uk</a>	Monthly	Reported with 6-month lag	
United Kingdom	Rail transport	<a href="#">Office of Rail and Road</a>	Quarterly	Passenger data	Mid-June
United Kingdom	Road safety	<a href="#">Transport for London</a>	Daily	Provisional daily road traffic collision fatalities, updated monthly	Monthly
United Kingdom	Road Safety	<a href="#">Police Service of Northern Ireland</a>	Daily	Daily road fatality data, updated weekly, with a detailed victim breakdown (by age, gender, road user etc).	
United Kingdom	Urban transport	<a href="#">Transport for London</a>		Public transport journeys by type of transport (data for 28-day periods)	
United Kingdom	Urban transport	<a href="#">GOV.uk</a>	Quarterly	Bus statistics	End of June
United Kingdom	Shipping	<a href="#">Office for National Statistics</a>	Weekly	Port visits	
United States of America	Transport Statistics	<a href="#">Bureau of Transportation Statistics: the Week in Transportation</a>	Weekly	Various weekly transport indicators, making comparisons against the previous week and the same week in 2019.	
United States of America	Transport Statistics	<a href="#">BTS: Monthly transportation Statistics</a>	Monthly	many different monthly transport statistics	
United States of America	Transport Statistics	<a href="#">BTS: COVID-19 related statistics</a>	Various	Multiple datasets on COVID-19-related changes to mobility, including daily travel patterns.	
United States of America	Cross-border movements	<a href="#">Department of Transportation</a>	Monthly	Border crossings US-Mexico, US-Canada, different modes	
United States of America	Total	<a href="#">Transportation Security Administration</a>	Daily	Daily total passengers (arrivals into the USA) processed by the TSA	Daily
United States of America	Transport statistics	<a href="#">Bureau of Transportation Statistics</a>	Monthly	Transportation services index, freight and passengers	
United States of America	Road transport	<a href="#">Inrix</a>		National traffic volumes during the crisis (commercial data provider)	
United States of America	Rail transport	<a href="#">Department of Transportation</a>	Monthly	Number of passengers transported, PKM	
United States of America	Rail transport	<a href="#">Amtrak</a>	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	<a href="#">National Safety Council</a>	Monthly	Estimates of Monthly road traffic fatalities, by State. Data published ~55 days after the reference month.	
United States of America	Road safety	<a href="#">NYPD</a>	Daily	New York City traffic crash data, including injuries and fatalities.	Daily
United States of America	Road safety	<a href="#">City and County of San Francisco</a>	Monthly	San Francisco fatal traffic crash data, collated monthly	
United States of America	Road safety	<a href="#">City of Los Angeles</a>	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](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



Alexander BLACKBURN

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

- Alexander BLACKBURN (590 days ago)
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