

## SDG Goal 9 Industry, innovation and infrastructure

**SDG Target 9.1** Develop quality, reliable, sustainable and resilient infrastructure, including regional and transborder infrastructure, to support economic development and human well-being, with a focus on affordable and equitable access for all

**SDG Indicator 9.1.2** Passenger and freight volumes, by mode of transport

1. Name of data series	
<b>Freight transport</b>	
Compliant with SDG metadata: no	<a href="#">SDG Metadata</a>

2. Definition of indicator
The indicator "Freight transport" measures the transport performance regarding freight in tonne-kilometres, disaggregated by mode of transport.
3. Comparison with SDG metadata (as of 12/07/2017)
In contrast to the SDG metadata the transport performance is measured in tonne-kilometres, not in total number of tonnes transported.

4. Data description	<p>Rail and Road Transport: Produced by a primary survey. It is carried out as a complete inventory count with cut-off limit and takes place with the obligation to provide information. The owners or managers of the enterprises who carried freight are required to provide information.</p> <p>Air transport: Includes the take-off and landings of domestic and foreign aircraft at domestic airfields, which have at least 150,000 passengers per year (domestic concept).The survey only includes commercial air traffic. Overflights over the inland are not included.</p> <p>Inland waterway transport: Includes turnaround and transports of domestic and foreign vessels on inland waters (domestic concept). The freight and / or ship's guides, senders and receivers or their locally authorized representatives are obliged to provide information about all loading and unloading operations in German inland ports. Not included is the traffic of inland fishing, dredging, ferry and port traffic as well as transport for ship operation (fuel, provisions, etc.). The transit traffic is taken from the reports of the Federal Waterway Administration.</p> <p>Pipeline transport: Includes the input of crude oil into refineries. The data is provided by the Federal office for economic affairs and export control to Destatis on a monthly and annual basis. The transit and other transport volumes, which are not transported to refineries, is not included.</p>
5. Calculation method	$\text{Freight transport} = \sum \text{Transported tonnes} * \sum \text{Kilometres traveled}$
6. Unit of measure	tkm

7. Timeliness	8. Frequency
t + 1 year	Annual
9. Last regular revision	10. Revised period
Not applicable	Not applicable

11. Accessibility of source data
Verkehr im Überblick (Only available in German): <a href="https://www.destatis.de/DE/Themen/Branchen-Unternehmen/Transport-Verkehr/Publikationen/Downloads-Querschnitt/verkehr-ueberblick-2080120167004.html">https://www.destatis.de/DE/Themen/Branchen-Unternehmen/Transport-Verkehr/Publikationen/Downloads-Querschnitt/verkehr-ueberblick-2080120167004.html</a> Fachserie 8 reihe 1.2 - 2016
12. Metadata on source data
Verkehr im Überblick (Only available in German): <a href="https://www.destatis.de/DE/Themen/Branchen-Unternehmen/Transport-Verkehr/Publikationen/Downloads-Querschnitt/verkehr-ueberblick-2080120167004.html">https://www.destatis.de/DE/Themen/Branchen-Unternehmen/Transport-Verkehr/Publikationen/Downloads-Querschnitt/verkehr-ueberblick-2080120167004.html</a> Fachserie 8 reihe 1.2 - 2016
13. Related SDG data series (duplicate indicators or sub-indicators to same indicator)
9.1.2 b) Passenger transport

For more information please contact:

<https://www.destatis.de/EN/Service/Contact/Contact.html>

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**SDG Target 9.1** Develop quality, reliable, sustainable and resilient infrastructure, including regional and transborder infrastructure, to support economic development and human well-being, with a focus on affordable and equitable access for all

**SDG Indicator 9.1.2** Passenger and freight volumes, by mode of transport

1. Name of data series	
<b>Passenger transport</b>	
Compliant with SDG metadata: no	<a href="#">SDG Metadata</a>

2. Definition of indicator
The indicator "Passenger transport" measures the transport performance regarding passengers in passenger-kilometres, disaggregated by mode of transport.
3. Comparison with SDG metadata (as of 12/07/2017)
In contrast to the SDG metadata the transport performance is measured in passenger-kilometres, not in total number of persons transported.

4. Data description	
<p>Rail and Road public Transport: Produced by a primary survey. It is carried out as a complete inventory count with cut-off limit and takes place with the obligation to provide information. The owners or managers of the enterprises in the year of the last total survey (2014) are required to provide information.</p> <p>Air Transport: Includes the take-off and landings of domestic and foreign aircraft at domestic airfields, which have at least 150,000 passengers per year (domestic concept).The survey only includes commercial air traffic. Overflights over the inland are not included.</p> <p>Motorised private transport: The data is calculated by the German Institute for Economic Research (DIW Berlin Deutsches Institut für Wirtschaftsforschung e.V.) For the calculation of the persons carried and the transport services, a variety of data sources is evaluated.</p>	
5. Calculation method	
$\text{Passenger transport} = \sum \text{Transported persons} * \sum \text{Kilometres traveled}$	
6. Unit of measure	pkm

7. Timeliness	8. Frequency
t + 1 year	Annual
9. Last regular revision	10. Revised period
Not applicable	Not applicable

11. Accessibility of source data
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13. Related SDG data series (duplicate indicators or sub-indicators to same indicator)
9.1.2 b) Freight transport

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