

# CHARACTERISTICS OF ROAD VEHICLES

Reference Metadata in Euro SDMX Metadata Structure

(ESMS)

INSTAT

## Reference Metadata

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<b>1. Contact</b>	
1.1. Contact organisation	Institute of Statistics, INSTAT
1.2. Contact organisation unit	Sector of R&D, Innovation, Information Technology and Transport Statistics, Directory of Economic Statistics
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<b>2. Metadata update</b>	
2.1. Metadata last certified	14.10.2022
2.2. Metadata last posted	14.10.2022
2.3. Metadata last update	14.10.2022
<b>3. Statistical presentation</b>	
3.1. Data description	<p>Statistics on "Characteristics of road vehicles" provide information on the number of road vehicles circulating in the Republic of Albania, registered with the status "active" or "temporarily deregistered" in the Albanian National Register of road vehicles. This publication presents some indicators on road vehicles, such as:</p> <ul style="list-style-type: none"> <li>• Number of vehicles by type</li> <li>• Number of vehicles by prefecture</li> <li>• Number of vehicles by gearbox</li> <li>• Number of vehicles by year of production</li> <li>• Number of vehicles by brand</li> </ul>

	<ul style="list-style-type: none"> <li>• Number of cars by brand and year of production</li> <li>• Number of cars by fuel</li> <li>• Number of cars by fuel and year of production</li> <li>• Number of cars by engine size</li> </ul> <p>The publication "Characteristics of road vehicles" include detailed data on total vehicles by counties and a comparable overview with road vehicles registered till the end of 2019 according to the relevant details such as: total road vehicles, cars by years of production, cars by type of fuel and by engine volume, buses and trucks by counties, buses and trucks by type of gearbox, by age, by brand, bus by fuels and by engine volume.</p>
3.2. Classification system	The data and definitions used are in accordance with the Road Code.
3.3. Sector coverage	Statistical information covers data on road transport vehicles, which are active or temporarily deregistered in the Republic of Albania.
3.4. Statistical concepts and definitions	<p><b>Road vehicle inventory</b> - The number of road vehicles registered on a specific date in a country and licensed to use public traffic roads.</p> <p><b>Vehicles for mixed transport (VMT)</b> - includes vehicles that have a total full weight of not more than 3.5 tons, or 4.5 tons when there is electric traction with batteries; are intended for the transport of people and goods with a maximum capacity of nine seats, including the driver's seat.</p> <p><b>Special Purpose Vehicles (SPV)</b> - vehicles permanently equipped with special mechanisms and generally intended for the transport of these mechanisms; on these vehicles is allowed the transport of personnel and materials related to the operational cycle of these mechanisms, as well as the transport of people and goods related to the destination of use of these mechanisms.</p> <p><b>Special transport vehicles (STV)</b> - a means of transport intended for the transport of certain goods or certain people in special conditions and is characterized by the equipment in a common way, with special mechanisms that serve this purpose.</p> <p><b>Truck</b> - A vehicle intended for the transport of goods and certain people with the processing or transport of these goods.</p> <p><b>CC</b> - the unit of measurement of the motor volume of road vehicles expressed in centimeters per cubic meter.</p> <p><b>Car</b> - motor vehicle of road transport intended for passenger transport, in which the number of seats (including the driver) does not exceed the number 9.</p> <p><b>Bus</b> - It is called a motor vehicle of road transport intended for passenger transport with the number of seats (including the driver's seat) with more than 9.</p> <p><b>Cyclomotor</b> - motor vehicle, with two, three or four wheels.</p> <p><b>Semi-trailer</b> - a motor vehicle intended for the transport of passengers and goods.</p> <p><b>Agricultural machine</b> - a motor vehicle with wheels or a chain intended for use in agriculture and forestry, for the transport of agricultural goods.</p>

	<p><b>Motorcycles</b> - three-wheeled vehicles, intended for the transport of goods. They can have up to two seats for the people involved in the transport, including the driver.</p> <p><b>Towing vehicles</b> - Vehicle intended only for towing trailers or semi-trailers.</p>
3.5. Statistical unit	The statistical unit referred to the road transport vehicles licensed to use public traffic roads.
3.6. Statistical population	The statistical population includes all road vehicles that are active or temporarily deregistered in the Republic of Albania.
3.7. Reference area	Data on statistics "Characteristics of road vehicles" cover the entire territory of the country.
3.8. Time coverage	Statistics on "Characteristics of road vehicles" are published for the first time for the reference year 2019. The reference year of the publication is 2021.
3.9. Base period	Not applicable.
<b>4. Unit of measure</b>	Data on "Characteristics of road vehicles" are published in absolute values and percentages.
<b>5. Reference period</b>	The reference period of statistical information on the publication "Characteristics of road vehicles" is annual. This report belongs to the reference year 2021.
<b>6. Institutional mandate</b>	
6.1. Legal acts and other agreements	<ul style="list-style-type: none"> <li>➤ Legal basis for the production of Road Accident statistics in country level are: <ul style="list-style-type: none"> <li>• <a href="#">Law No.17/2018 "On Official Statistics"</a></li> <li>• <a href="#">Official Statistics National Program, 2017-2021</a></li> <li>• <a href="#">Albanian Road Code;</a></li> </ul> </li> <li>➤ According to European Regulation: <ul style="list-style-type: none"> <li>• Regulation of the European Parliament and of the Council <a href="#">no. 70/2012, date 18th January 2012</a> "On statistical returns related to the transport of goods by road"</li> </ul> </li> </ul>
6.2. Data sharing	Some statistical indicators on "Characteristics of road vehicles" are transmitted on EUROSTAT since 2016.

<b>7. Confidentiality</b>	
7.1. Confidentiality - policy	<p>The data collected are considered as strictly confidential and used only for statistical purposes and scientific research in accordance with the national Statistical Law No.17/2018 “On Official Statistics”, date 10.03.2018 and the Law no. 9887, dated 10.03.2008 "Personal Data Protection", Article 31 of the Law "On Official Statistics" clearly define that all statistical information collected by INSTAT are confidential and may only be used or published in such summary tables that do not identify the information of the unit. The direct identification is called when a statistical unit is directly identified by the name, address or any officially recognized identification number. When data processing is performed in such a way as to enable the data subject to be identified, the data must be coded immediately so that the entities are no longer recognized.</p>
7.2. Confidentiality - data treatment	<p>Albanian Institute of Statistics protects and does not disseminate data it has obtained or it has access to, which enable the direct or indirect identification of the statistical units. Albania Institute of Statistics takes all appropriate preventive measures so as to render impossible the identification of individual statistical units by technical or other means that might reasonably be used by a third party. Statistical data that could potentially enable the identification of the statistical unit are disseminated by Albania Institute of Statistics if and only if:</p> <ol style="list-style-type: none"> <li>a) The data have been treated, as it is specifically set out in the Regulation, in such a way that their dissemination does not prejudice statistical confidentiality or</li> <li>b) The statistical unit has given its consent, without any reservations, for the disclosure of data.</li> </ol> <p>The confidential data that are transmitted to Albania Institute of Statistics are used exclusively for statistical purposes and the only persons who have the right to have access to these data are the personnel engaged in this task. Issues referring to the observance of statistical confidentiality are examined by the staff working in Albania Institute of Statistics. The responsibilities of this staff are to recommend on: which detailed level the statistical data can be disseminated, so as the identification, either directly or indirectly, of the surveyed statistical unit is not possible; the anonymization criteria for the microdata provided to users; the access granting to researchers on confidential data for scientific purposes.</p>
<b>8. Release policy</b>	
8.1. Release calendar	<p>Announcements about the dissemination of statistics are published in the release calendar, which is available on the website. The announcements and delays are pre-announced in this calendar. In the case of delays, the date of the next publication and the explanation of the reasons for the delays are specified.</p>
8.2. Release calendar access	<p><a href="#">The Calendar</a> of Publications is available on the INSTAT website.</p>
8.3. User access	<p>In accordance with Article 34 of Law no. 17/2018 "On Official Statistics", are</p>

	<p>distributed so that all users have immediate and equal rights, all available media formats, INSTAT and agencies are used, having distribution responsibilities in the program, requiring meet any requirement of any organization or individual for unpublished data or specific analyzes. Channels from which users can get the results are as follows:</p> <ol style="list-style-type: none"> <li>1. Website - online release;</li> <li>2. Written requests (by mail or <a href="#">email</a>);</li> <li>3. <a href="#">Data request</a>, session available for external users.</li> </ol>
<b>9. Frequency of dissemination</b>	"Characteristics of road vehicles" are distributed on an annual basis.
<b>10. Accessibility and clarity</b>	
10.1. News release	<p>The press release contains information on the main indicators of the characteristics of road vehicles:</p> <ul style="list-style-type: none"> <li>• Number of vehicles by type</li> <li>• Number of vehicles by prefecture</li> <li>• Number of vehicles by gearbox</li> <li>• Number of vehicles by year of production</li> <li>• Number of vehicles by brand</li> <li>• Number of cars by brand and year of production</li> <li>• Number of cars by fuel</li> <li>• Number of cars by fuel and year of production</li> <li>• Number of cars by engine size</li> </ul> <p>The format of the press release is determined by the publishing sector. The press release of the publication "Characteristics of road vehicles" is published online on the INSTAT website.</p>
10.2. Publications	The results of the publication "Characteristics of road vehicles" can be found on the INSTAT website on the topic Transport: <a href="#">Characteristics of road vehicles</a> .
10.3. On-line database	All information is available in two languages: Albanian and English. The data of the publication "Characteristics of road vehicles" are placed in the statistical database, but detailed data can be found in Excel format where the main indicators are given in detail by economic activity and size of the enterprise. These tables can be found at the link: <a href="#">Statistical Database</a> .
10.4. Micro – data access	Databases at micro level for "Characteristics of road vehicles" are not published due to confidentiality reasons. Aggregated data is the only type of data that is provided to external users. Even the micro data are not published they can be accessed based on the article 34 of Law No. 17/2018, "On Official Statistics".
10.5. Other	Users can submit specific requests for "Characteristics of road vehicles" data through a dedicated section: <a href="#">Data Request</a> .

10.6. Documentation on methodology	A short explanation related to the definitions of the main concepts and methodological explanations are provided to users in the end of press releases and publications. Additional support information is given to internal users when needed or required. Also the <a href="#">Methodological</a> notes are published at INSTAT's website.
10.7. Quality documentation	The Sector of R&D, Innovation, Information Technology and Transportation Statistics Sector documents the entire work process and procedures on “Characteristics of road vehicles” for internal purposes.
<b>11. Quality management</b>	
11.1. Quality assurance	INSTAT is committed to ensure the highest quality with respect to the compilation of statistical information. In accordance with the Statistics Law No 17/2018 "On Official Statistics", INSTAT use statistical methods and processes in compliance with internationally recognized scientific principles and standards conduct ongoing analyses of the statistics with a view to quality improvements and ensure that statistics are as up-to-date. In performing its tasks it follows the general principles of quality management from the European Statistics Code of Practice. INSTAT declares that it takes into account the following principles: impartiality, quality of processes and products, user orientation, employee orientation, effectiveness of statistical processes, reducing the workload for respondents.
11.2. Quality assessments	The data on “Characteristics of road vehicles” are compared with the administrative data provided by General Directorate of Road Transport Services (GDRTS) to compare if there have been major changes.
<b>12. Relevance</b>	
12.1. User needs	Users on “Characteristics of road vehicles” data are as following: <ul style="list-style-type: none"> <li>➤ External users: <ul style="list-style-type: none"> <li>• Public Administration Institutions;</li> <li>• Universities;</li> <li>• Non-profit national and international organizations</li> <li>• Businesses,</li> <li>• Researchers, students and other similar groups.</li> </ul> </li> </ul>
12.2. User satisfaction	Page Views (Hits) about “Characteristics of road vehicles” in 2021 are around 21.415 clicks.  During 2021 INSTAT conducted User Satisfaction Survey. The result of survey show that the overall quality of the “Characteristics of road vehicles” was rated 3.57 (71.4%) on a scale of 1 (very poor) to 5 (very good).  INSTAT conducts every year the <a href="#">User Satisfaction Survey</a> .

12.3. Completeness	The completeness of the data of "Characteristics of road vehicles" for 2021 is judged by comparing the quality and quantity of indicators covered by INSTAT with those required by the regulations followed. The data are compliance at 85% level.								
<b>13. Accuracy and reliability</b>									
13.1. Overall accuracy	Data on "Characteristics of road vehicles" are collected administratively in implementation of the legal basis and the Memorandum of Understanding between INSTAT and GDRTS. There are no surveys in place for road transport vehicles in Albania.								
13.2. Sampling error	Not applicable, the data are administrative.								
13.3. Non - sampling error	As for non-sampling errors, it is mainly about some errors in reporting data from administrative sources. The review of data occurs only in case the relevant institutions review the data sent to INSTAT for the purpose of updating or any possible human error. If the relevant institutions review the data sent to INSTAT, then in the nearest publication these changes will be reflected and brief explanatory information will be given to the users.								
<b>14. Timeliness and punctuality</b>									
14.1. Timeliness	<p>The results of the "Characteristics of road vehicles" are published on the INSTAT website approximately 287 days after the end of the reference period (T + 287 days). The reference period of the "Characteristics of road vehicles" is 31 December 2021.</p> <table border="1"> <tr> <td>Reference period</td> <td>12/31/2021</td> </tr> <tr> <td>Date of publication</td> <td>10/14/2022</td> </tr> <tr> <td>Timelines</td> <td>287</td> </tr> </table>	Reference period	12/31/2021	Date of publication	10/14/2022	Timelines	287		
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Timelines	287								
14.2. Punctuality	<p>The data of "Characteristics of road vehicles" are disseminated according to the publication calendar. The publication of "Characteristics of road vehicles" has been punctuality in time to 100% of publications carried out over the years.</p> <table border="1"> <tr> <td>Reference period</td> <td>12/31/2021</td> </tr> <tr> <td>Date of announcement</td> <td>10/14/2022</td> </tr> <tr> <td>Date of publication</td> <td>10/14/2022</td> </tr> <tr> <td>Time lag</td> <td>0</td> </tr> </table>	Reference period	12/31/2021	Date of announcement	10/14/2022	Date of publication	10/14/2022	Time lag	0
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<b>15. Coherence and comparability</b>									
15.1. Comparability - geographical	The data of "Characteristics of road vehicles" cover the entire territory of the country. The results that INSTAT produces are designed in accordance with the methodology of EUROSTAT at national and regional level.								



15.2. Comparability - over time	<p>Statistical information is collected on an annual basis since 2018, providing a comparability of 4 years, (CC2 = Jlast-Jfirst + 1 = 4).</p> <p>Starting from 2020, two new indicators have been added, road vehicles by counties and road vehicles by type of gearbox. Details of existing indicators have also been added.</p>
15.3. Coherence - cross domain	Not applicable.
15.4. Coherence - internal	The internal consistency of the data is checked before finalized. The links between variables are checked and coherence between different data internal series confirmed.
<b>16. Cost and burden</b>	The staff involved in the preparation of "Characteristics of road vehicles" at the R&D, Innovation, Information Technology, and Transport Statistics Sector is 1 employee at INSTAT.
<b>17. Data revision</b>	
17.1. Data revision - policy	<p>Revision policies are done in accordance with the revision policy and the policy of errors treatment set by INSTAT, for more refer to:</p> <ul style="list-style-type: none"> <li>• <a href="#">Revision policy</a></li> <li>• <a href="#">The errors treatment policy</a></li> </ul>
17.2. Data revision - practise	No revision of data on "Road Vehicle Characteristics" for 2021 have been conducted, subject of this report.
<b>18. Statistical processing</b>	
18.1. Source data	The only data source of "Road Vehicle Characteristics" is the administrative source. Data are collected by the General Directorate of Road Transport Service. Currently, no surveys are conducted regarding the "Characteristics of road vehicles".
18.2. Frequency of data collection	Data are collected on yearly bases.
18.3. Data collection	Publication data "Characteristics of road vehicles" are administrative data. Statistical information is collected by the General Directorate of Road Transport Service.
18.4. Data validation	The data of the publication "Characteristics of road vehicles" were performed logical and mathematical checks. These controls are performed for all indicators that INSTAT publishes, throughout the data processing process.

18.5. Data compilation	Not applicable.
18.6. Adjustment	Not applicable.
<b>19. Comment</b>	
<b>Annex</b>	