

Environmental Indicators (H-1, H-2, H-3, H-4)

1. Contact	
1.1. Contact organisation	National Statistics Office of Georgia (Geostat)
1.2. Contact organisation unit	Agriculture and Environment Statistics Department
1.3. Contact name	Giorgi Sanadze
1.4. Contact person function	Head of Agriculture and Environment Statistics Department
1.5. Contact mail address	30, Tshotne Dadiani Str., 0180, Tbilisi, Georgia
1.6. Contact email address	gsanadze@geostat.ge
1.7. Contact phone number	+995 32 236 72 10 (500)
1.8. Contact fax number	-

2. Metadata update	
2.1. Metadata last certified	March 14, 2025
2.2. Metadata last posted	March 14, 2025
2.3. Metadata last update	March 14, 2025

3. Statistical presentation	
3.1. Data description	
<p>The data are published according to the format of the United Nations Economic Commission for Europe (UNECE) environmental indicators (H-1, H-2, H-3, H-4).</p> <p>H-1 (Passenger transport demand) – This indicator represents the total distance covered by passengers during the reporting year by various types of public and private transport (road, railway, inland water transport, maritime transport, domestic aviation, underground transport).</p> <p>H-2 (Freight transport demand) – This indicator represents the total distance of conveyed cargo by various types of freight transport (road, railway, inland water transport, maritime transport, domestic aviation, underground transport) during the reporting year.</p> <p>H-3 (Composition of the road motor vehicle fleet by fuel type) – This indicator defines the number of motor vehicles (passenger cars, buses and minibuses, agricultural machinery, trucks, and road tractors) within a country broken down by fuel type.</p> <p>H-4 (Age of the road motor vehicle fleet) – This indicator defines the number of motor vehicles (passenger cars, buses and minibuses, agricultural machinery, trucks, and road tractors) within a country broken down by age.</p>	
3.2. Classification system	
<p>National Classification of Economic Activities (NACE Rev. 2), Definitions for Transport Statistics: https://ec.europa.eu/eurostat/documents/3859598/10013293/KS-GQ-19-004-EN-N.pdf/b89e58d3-72ca-49e0-a353-b4ea0dc8988f</p>	
3.3. Sector coverage	
The annual statistical survey of enterprises includes enterprises engaged in transport activities.	
3.4. Statistical concepts and definitions	
<p>Passenger transport demand – Passengers movement by different types of transport is calculated by the total number of carried passenger is multiplied by the average distance (km) of one passenger.</p> <p>Freight transport demand – Freight transportation by different types of transport is calculated as the total volume of cargo (thousand tonne) conveyance multiplied by the average distance (km) of one ton of transported cargo.</p> <p>The road motor vehicle fleet – Passenger cars, buses and minibuses, agricultural machinery, trucks, and road tractors.</p>	
3.5. Statistical unit	
Enterprises engaged in transport activities.	
3.6. Statistical population	
Entrepreneurs / individuals and legal entities who own vehicles and the group of final users of these vehicles.	
3.7. Reference area	
Entire country (Georgia), excluding occupied regions.	
3.8. Time coverage	
Since 2000.	

3.9. Base period
-
4. Unit of measure
Passenger-km, tonne-km, unit, %
5. Reference period
Year.
6. Institutional mandate
6.1. Legal acts and other agreements
The Law of Georgia on Official Statistics; https://www.geostat.ge/media/56202/The-Law-of-Georgia-on-Official-Statistics.pdf Statistical Work Programme (annual); https://www.geostat.ge/en/modules/categories/307/statistical-work-programme Charter of the National Statistics Office of Georgia. https://www.geostat.ge/media/67749/New-Chapter-eng-upd.pdf
6.2. Data sharing
-
7. Confidentiality
7.1. Confidentiality – policy
<ol style="list-style-type: none"> The Law of Georgia on Official Statistics: <ul style="list-style-type: none"> According to the article 5 of the law Statistical confidentiality and exclusive use for statistical purposes – individual data collected or received by the producer of official statistics, relating to natural or legal persons, must be strictly confidential and used only for statistical purposes. According to the article 34 (Observing Confidentiality of Statistical Data) of the law 1. Data collected, processed, and stored to produce official statistics are confidential if they enable the direct or indirect identification of a statistical unit. In addition, aggregated data are subject to statistical confidentiality: a) Aggregates composed of 1 to 3 units, when the unit is a natural or legal person if one of these units could be identified indirectly, thereby disclosing individual data about this unit. Aggregates composed of more than 3 units may be declared confidential by the Executive Director if required to ensure statistical confidentiality; b) Information declares as a state secret on the basis of the „Law of Georgia on State Secrets“. 2. Confidential data shall be used exclusively for the purposes of producing statistics in accordance with this law. 3. Statistical data about the administrative body cannot be considered confidential information, except for the information determined by the Law of Georgia „On State Secrets“. 4. Individual data obtained from publicly available sources, which are defined as public information in accordance with the legislation of Georgia, shall not be considered confidential information. 5. Confidential (individual) data may be published if there is written consent from the statistical unit regarding the publication of such data. 6. It is not allowed to disseminate and distribute confidential data or use it for non-statistical purposes. According to the article 38 (Confidentiality commitments) of the law the confidential statistical data collected and processed for statistical purposes shall not be used or disseminated either for personal, academic, research or any other activities, by the employees of the producers of Official Statistics. https://www.geostat.ge/media/56202/The-Law-of-Georgia-on-Official-Statistics.pdf Data Confidentiality Policy at Geostat https://www.geostat.ge/media/20860/Data-Confidentiality-Policy-at-Geostat_En.pdf Procedure for providing access to confidential data for research purposes https://www.geostat.ge/media/61533/Rule-on-Access-to-Confidential-Data-for-Scientific-and-Research-Purposes....pdf The Law of Georgia on Personal Data Protection https://matsne.gov.ge/en/document/view/1561437?publication=9
7.2. Confidentiality – data treatment
<ul style="list-style-type: none"> Confidentiality guidelines. Written undertakings by an employee of Geostat on ensuring confidentiality of gained/collected data as a result of

official duties.

8. Release policy

8.1. Release calendar

Data dissemination dates are defined by the calendar developed on the basis of the Statistical Work Programme, which is published on the website of Geostat and is publicly available.

8.2. Release calendar access

<https://www.geostat.ge/en/calendar>

8.3. User access

All users have the equal access to the statistical data simultaneously.

9. Frequency of dissemination

Annual.

10. Accessibility and clarity

10.1. News release

-

10.2. Publications

-

10.3. On-line database

The data is available on the Geostat website as a spreadsheet:

<https://www.geostat.ge/en/modules/categories/73/environment-statistics>

Also in the PC-Axis database:

H-1. Passenger transport demand:

[https://pc-](https://pc-axis.geostat.ge/PXweb/pxweb/en/Database/Database_Environment%20Statistics_Environmental%20Indicators/11.H)

[axis.geostat.ge/PXweb/pxweb/en/Database/Database_Environment%20Statistics_Environmental%20Indicators/11.H](https://pc-axis.geostat.ge/PXweb/pxweb/en/Database/Database_Environment%20Statistics_Environmental%20Indicators/11.H)

[1.px/?rxid=1f7e870d-22f9-4592-b4fb-9af8ea45660a](https://pc-axis.geostat.ge/PXweb/pxweb/en/Database/Database_Environment%20Statistics_Environmental%20Indicators/11.H)

H-2. Freight transport demand:

[https://pc-](https://pc-axis.geostat.ge/PXweb/pxweb/en/Database/Database_Environment%20Statistics_Environmental%20Indicators/12.H)

[axis.geostat.ge/PXweb/pxweb/en/Database/Database_Environment%20Statistics_Environmental%20Indicators/12.H](https://pc-axis.geostat.ge/PXweb/pxweb/en/Database/Database_Environment%20Statistics_Environmental%20Indicators/12.H)

[2.px/?rxid=1f7e870d-22f9-4592-b4fb-9af8ea45660a](https://pc-axis.geostat.ge/PXweb/pxweb/en/Database/Database_Environment%20Statistics_Environmental%20Indicators/12.H)

H-3. Composition of road motor vehicle fleet by fuel type:

[https://pc-](https://pc-axis.geostat.ge/PXweb/pxweb/en/Database/Database_Environment%20Statistics_Environmental%20Indicators/13.H)

[axis.geostat.ge/PXweb/pxweb/en/Database/Database_Environment%20Statistics_Environmental%20Indicators/13.H](https://pc-axis.geostat.ge/PXweb/pxweb/en/Database/Database_Environment%20Statistics_Environmental%20Indicators/13.H)

[3.px/?rxid=1f7e870d-22f9-4592-b4fb-9af8ea45660a](https://pc-axis.geostat.ge/PXweb/pxweb/en/Database/Database_Environment%20Statistics_Environmental%20Indicators/13.H)

H-4. Age of road motor vehicle fleet:

[https://pc-](https://pc-axis.geostat.ge/PXweb/pxweb/en/Database/Database_Environment%20Statistics_Environmental%20Indicators/14.H)

[axis.geostat.ge/PXweb/pxweb/en/Database/Database_Environment%20Statistics_Environmental%20Indicators/14.H](https://pc-axis.geostat.ge/PXweb/pxweb/en/Database/Database_Environment%20Statistics_Environmental%20Indicators/14.H)

[4.px/?rxid=1f7e870d-22f9-4592-b4fb-9af8ea45660a](https://pc-axis.geostat.ge/PXweb/pxweb/en/Database/Database_Environment%20Statistics_Environmental%20Indicators/14.H)

10.4. Micro-data access

-

10.5. Other

-

10.6. Documentation on methodology

Documentation on methodology is available on the Geostat website:

<https://unece.org/DAM/env/europe/monitoring/Indicators/H-1-en-final.pdf>

<https://unece.org/DAM/env/europe/monitoring/Indicators/H-2-en-final.pdf>

<https://unece.org/DAM/env/europe/monitoring/Indicators/H-3-en-final.pdf>

<https://unece.org/DAM/env/europe/monitoring/Indicators/H-4-en-final.pdf>

10.7. Quality documentation

-

11. Quality management

11.1. Quality assurance

To ensure the quality of the statistical processes and products Geostat follows Chapter 10 – Quality of official statistics – of the Law of Georgia on Official Statistics, as well as the European Statistics Code of Practice, the UN Fundamental Principles of Official Statistics and Quality Assurance Framework of the European Statistical System (ESS QAF).
11.2. Quality assessment
Methodology and Quality Management Division of Geostat, along with the sectoral departments, is responsible for the quality of the produced statistical products and processes. The Division carries out quality audit, self-assessment of statistical processes and assesses the risks for the quality of statistical processes and products. Geostat has developed policy documents, guidelines and standard routine descriptions. These documents ensure the standardization of statistical processes and products and the establishment of a unified quality assurance system. Quality policy is available on the following link: https://www.geostat.ge/media/44380/QP_Geostat_EN.pdf
12. Relevance
12.1. User needs
The main users of the data are: representatives of the business sector, researchers and students, international organizations, government organizations, media, etc. They need this data to conduct various statistical analyses, plan marketing strategies or study and evaluate the economic situation.
12.2. User satisfaction
In 2023 user satisfaction survey was conducted, the target of the survey was to analyze the assessment of quality of statistical data by users and explore ways to improve user services. The survey report is available on the website of Geostat (in Georgian): https://www.geostat.ge/en/page/customer-service
12.3. Completeness
The data are comparable to international standards.
13. Accuracy and reliability
13.1. Overall accuracy
Data accuracy is ensured by comparability of survey and calculation methods to international methodology.
13.2. Sampling error
-
13.3. Non-sampling error
-
14. Timeliness and punctuality
14.1. Timeliness
The data are published in the second half of September of the year following the reporting period.
14.2. Punctuality
The data is published according to the date specified in the statistical work program. There has not been any violation of publication dates.
15. Coherence and comparability
15.1. Comparability – geographical
The same methodological approaches are used for all regions of Georgia and they are comparable to international standards.
15.2. Comparability – over time
The data are comparable.
15.3. Coherence – cross domain
Coherent.
15.4. Coherence – internal
The same methodological approaches are used for all regions of Georgia and they are comparable to international standards.
16. Cost and burden

The data are processed based on internal resources, so no additional expenses are incurred.

17. Data revision

17.1. Data revision – policy

Statistical data revision policy is available on the website of Geostat:
https://www.geostat.ge/media/59824/Data-Revision-Policy-and-Error-Correction-at-Geostat_Eng.pdf

17.2. Data revision – practice

Planned revision of data is not carried out. An Unplanned revision (to clarify data) was not carried out in practice.

18. Statistical processing

18.1. Source data

Completed questionnaire of the annual statistical survey of enterprises by the Department of Business Statistics of Geostat (online questionnaire).

18.2. Frequency of data collection

Annually.

18.3. Data collection

Based on the results of the annual statistical survey of enterprises by the Department of Business Statistics of Geostat.

18.4. Data validation

-

18.5. Data compilation

Calculation formula for each indicator:
The average distance of transporting one passenger = Passenger transport demand/population;
The volume Freight transport demand per unit of GDP = Freight transport demand/ GDP at constant prices

18.6. Adjustment

Not applicable.

19. Comment

-