

Municipal Waste

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2. Metadata update	
2.1. Metadata last certified	November 27, 2024
2.2. Metadata last posted	November 27, 2024
2.3. Metadata last update	November 27, 2024

3. Statistical presentation	
3.1. Data description	
The indicator of the amount of municipal waste disposed of in landfills provides information about the waste collected by companies engaged in the waste collection, treatment and disposal activities in the territory of Georgia.	
3.2. Classification system	
Law of Georgia "Waste Management Code": https://matsne.gov.ge/en/document/view/2676416?publication=12	
3.3. Sector coverage	
The indicator of the amount of municipal waste disposed in landfills includes companies engaged in the waste collection, treatment and disposal activities in the territory of Georgia.	
3.4. Statistical concepts and definitions	
Waste – any substance or item that the owner intends to dispose of or is obliged to dispose of.	
Municipal Waste – domestic waste and other waste similar to domestic waste due to its characteristics and composition.	
3.5. Statistical unit	
The companies engaged in the waste collection, treatment and disposal activities	
3.6. Statistical population	
The population of survey covers all active companies engaged in the waste collection, treatment and disposal activities.	
3.7. Reference area	
Entire country (Georgia), excluding occupied regions.	
3.8. Time coverage	
Since 2015.	
3.9. Base period	
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4. Unit of measure	
1000 tons, million people, kg.	

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/20845/10%2Csaqstatis-konsolidirebuli-debuleba.pdf
6.2. Data sharing
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7. Confidentiality

7.1. Confidentiality – policy

<p>1. The Law of Georgia on Official Statistics:</p> <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. <p>https://www.geostat.ge/media/56202/The-Law-of-Georgia-on-Official-Statistics.pdf</p> <p>2. Data Confidentiality Policy at Geostat https://www.geostat.ge/media/20860/Data-Confidentiality-Policy-at-Geostat_En.pdf</p> <p>3. 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</p> <p>4. The Law of Georgia on Personal Data Protection https://matsne.gov.ge/en/document/view/1561437?publication=9</p>

7.2. Confidentiality – data treatment
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<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.
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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
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10.2. Publications
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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: https://pc-axis.geostat.ge/PXweb/pxweb/en/Database/Database_Environment%20Statistics_Waste/Municipal_Waste.px/?rxid=3c69b20e-11a5-4ca2-b7e5-85fed6b9c41c
10.4. Micro-data access
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10.5. Other
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10.6. Documentation on methodology
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10.7. Quality documentation
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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 amount of municipal waste disposed in landfills indicators are: government organizations, educational institutions, scientific-research organizations, international and non-governmental organizations, media, various legal entities and individuals. These users use the requested information for different purposes. Government agencies need data to make decisions, educational institutions and research organizations – for scientific activities, international organizations – to compare and analyze data from different countries, legal entities and individuals – for personal use, to analyze the situation in the country, etc.
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/ka/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
Data is collected in full coverage.
13.3. Non-sampling error
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14. Timeliness and punctuality
14.1. Timeliness
Data are disseminated in the second half of december after the reference year.
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
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15.4. Coherence – internal
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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
In order to request information, official letters are sent to companies which are engaged the collection, transportation and disposal of waste activities, as a result information is collected about amount of municipal waste disposed in landfills.
18.2. Frequency of data collection
Annually.
18.3. Data collection
The data rely on sources from companies engaged in the collection, transportation, and disposal of waste activities.
18.4. Data validation
The provided data is verified by the staff of Agricultural and Environment Statistics Department. After the verification procedures the data is published on Geostat webpage.
18.5. Data compilation
Calculation formula: Municipal waste generation per capita (kg) = Generated municipal waste (1000 tons) / Population of the country (million people).
18.6. Adjustment
Not applicable.

19. Comment

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