# Healthcare

1. Contact	
1.1. Contact organisation	National Statistics Office of Georgia (Geostat)
1.2. Contact organisation unit	Social Statistics Department
	Social Infrastructure Statistics Division
1.3. Contact name	Vasil Tsakadze
	Lia Charekishvili
1.4. Contact person function	Head of Social Statistics Department
	Head of Social Infrastructure Statistics Division
1.5. Contact mail address	30, Tsotne Dadiani Str., 0180, Tbilisi, Georgia
1.6. Contact email address	vtsakadze@geostat.ge
	lcharekishvili@geostat.ge
1.7. Contact phone number	+995 32 236 72 10 (600)
	+995 32 236 72 10 (605)
1.8. Contact fax number	-

2. Metadata update	
2.1. Metadata last certified	July 29, 2022
2.2. Metadata last posted	July 29, 2022
2.3. Metadata last update	July 29, 2022

## 3. Statistical presentation

#### 3.1. Data description

Data on healthcare statistics include departmental data of the Ministry of IDPs from the Occupied Territories, Labor, Health and Social Affairs of Georgia. LEPL Levan Sakvarelidze National Center for Disease Control and Public Health produces departmental statistics. Geostat coordinates the production of health statistics in Georgia. The received data is placed in databases, web pages in tables and graphs, on the gender statistics portal and in yearbooks.

### 3.2. Classification system

10th revision of the International Statistical Classification of Diseases and Related Health Problems.

## 3.3. Sector coverage

The following data are available at country level (some data available at regional level):

- Healthcare facilities network in Georgia;
- Physicians;
- Utilization of hospital beds;
- Number of contract locations;
- Hospitalization and fatality By disease classes;
- Number of surgical operations;
- Further fatality of emergency surgical operations;
- Obstetric care;
- Number of abortions and contraception use;
- Report on abortions;
- Data on newborns;
- Number of deceased children registered in medical facilities;
- Infant mortality in medical facilities;
- Infant mortality in hospitals;
- Infant mortality at home;
- The numbers of encounters of the population with outpatient facilities per capita;
- Polyclinic assistance;
- Diabetes Mellitus;
- Ischemic heart diseases;
- Hypertension;
- Acute myocardial infarction;

- Cerebrovascular diseases:
- Asthma and status asthmaticus;
- Malignant neoplasms;
- Mental illnesses;
- Report on some diseases / conditions;
- New cases of Sexually transmitted diseases;
- New cases of HIV infection;
- Tuberculosis;
- Immunization;
- Blood purification stations and blood transfusion units;
- Performance of ambulance stations;
- Report on registered Disease;
- Inpatient composition of patients; Terms and results of treatment;
- Infectious diseases.

#### 3.4. Statistical concepts and definitions

**A medical institution** – Shall be a legal person with an organisational-legal form permitted by the legislation of Georgia that carries out medical activities according to the established procedure.

**Health care personnel** – A doctor, a nurse, a pharmacist, and other persons whose activities are related to disease prevention, diagnosis, and treatment, patient rehabilitation, palliative care, and forensic medical expert examination; also health promotion specialists and managers of medical and health care services.

**Infectious disease** – Transmitted diseases. Diseases caused by the invasion of an inflammatory agent in the body, the main indication of which is that the disease can be transmitted from a patient or an infectious agent to a healthy person.

**Illness** – Deterioration of health over a period of time.

**Immunization** – The body's ability to better protect itself against infections caused by specific bacteria and viruses.

**Diabetes mellitus** – A disease in which blood glucose is elevated over a long period of time.

**Ischemic heart disease** – It is a condition in which the blood flow to the heart arteries is disrupted.

**Hypertension** – A disease, which occurs in several dozens of blood pressure to normal pressure level.

**Infarction** – Loss of tissue due to lack of oxygen.

**Bronchial asthma** – A chronic recurrent disease with respiratory damage.

**The tumor** – Blastomas, newborns, abnormal tissue growth.

**Tuberculosis** – An infectious disease caused by several species of mycobacteria.

Mental Illness – A state of mind that is different from normal, healthy.

**Abortion** – Premature termination of pregnancy and removal of the fetus from the womb to 28 weeks of pregnancy.

HIV – Human immunodeficiency virus.

## 3.5. Statistical unit

Medical institution, Person.

## 3.6. Statistical population

All medical institutions, Population.

### 3.7. Reference area

The data covers the whole territory of Georgia, except the occupied territories.

#### 3.8. Time coverage

Since 1940.

#### 3.9. Base period

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## 4. Unit of measure

Number, Person.

## 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/20817/latest-Law-of-Georgia 2018.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

Law of Georgia on Health Care.

https://matsne.gov.ge/ka/document/view/29980?publication=42

#### 6.2. Data sharing

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## 7. Confidentiality

# 7.1. Confidentiality – policy

- 1. The Law of Georgia on Official Statistics:
  - According to the article 4 of the law individual data collected by statistical agencies for statistical compilation, whether they refer to natural or legal persons, are to be strictly confidential and used exclusively for statistical purposes.
  - According to the article 28 (Observing Confidentiality of Statistical Data) of the law 1. The data collected for the purpose of producing official statistics shall be confidential if it allows for identification of observation unit or r it is possible to identify such data through it. 2. The confidential statistical data shall not be issued or disseminated or used for a non-statistical purpose but for the exceptions envisaged by the Georgian legislation.
  - 3. When producing the official statistics, it is obligatory to destroy or store separately the identity data including the questionnaires containing such data and used for statistical surveys according to the rules defined in the Georgian legislation.
  - According to the article 29 (The Obligations and Responsibilities of the Employees of the Geostat) of the law the confidential statistical data collected and processed for the purpose of statistical survey shall not be used or disseminated by the employees of the units of the Geostat.

https://www.geostat.ge/media/20817/latest-Law-of-Georgia 2018.pdf

2. Data Confidentiality Policy at Geostat

https://www.geostat.ge/media/20860/Data-Confidentiality-Policy-at-Geostat En.pdf

3. Public Use Microdata Dissemination Policy at Geostat

https://www.geostat.ge/media/20862/Microdata-Dissemination-Policy Eng.pdf

4. The Law of Georgia on Personal Data Protection

https://matsne.gov.ge/en/document/view/1561437?publication=9

## 7.2. Confidentiality – data treatment

- 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 according to the Advance release calendar, which is available on the website of Geostat and publicly accessible.

### 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

The news release is published on the Geostat website:

https://www.geostat.ge/en/single-news/1635/main-indicators-of-health-care-2018

#### 10.2. Publications

Published in Statistical Yearbook:

https://www.geostat.ge/en/single-categories/95/statistical-yearbook

and "Woman and Man in Georgia":

https://www.geostat.ge/en/single-categories/115/gender-statistics

#### 10.3. On-line database

The data is available on the Geostat website and the Gender Statistics Portal in the PC-Axis database:

http://pc-axis.geostat.ge/PXWeb/pxweb/en/Database/

http://gender.geostat.ge/gender/index.php?action=Health%20Care

## 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 Article 4 – Basic principles 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 (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 of statistical processes and assesses the risks associated with production of statistical data. 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.

#### 12. Relevance

### 12.1. User needs

The main stakeholders of the data are: central and local governmental institutions, scientific institutions, students, international organizations, NGOs, media, citizens.

It is mainly used to cover the health of the population for papers, topics, analysis, presentations and other purposes in the country.

### 12.2. User satisfaction

In October 2019, 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):

 $\underline{https://www.geostat.ge/ka/single-news/1746/statistikuri-informatsiis-momkhmarebelta-kmaqofilebis-gamokvleva-\underline{2019-tseli}$ 

## 12.3. Completeness

Data corresponds to standards.

## 13. Accuracy and reliability

## 13.1. Overall accuracy

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## 13.2. Sampling error

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## 13.3. Non-sampling error

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## 14. Timeliness and punctuality

#### 14.1. Timeliness

The data are published in July of the following reporting year.

### 14.2. Punctuality

Data are disseminated in accordance to calendar of statistical works and there are no outstanding cases has been detected.

## 15. Coherence and comparability

## 15.1. Comparability – geographical

The data are comparable to all regions of the country.

## 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 administrative sources and does not require additional costs.

## 17. Data revision

## 17.1. Data revision – policy

Statistical Data Revision Policy document available at the Geostat website:

https://www.geostat.ge/media/20610/20.Revision-policy Geostat 20-July final.pdf

## 17.2. Data revision - practice

The statistical data are not revised. Unplanned revisions (for data specification) were not carried out in practice.

## 18. Statistical processing

## 18.1. Source data

Geostat receives the main health indicators from LEPL Levan Sakvarelidze National Center for Disease Control and Public Health.

# 18.2. Frequency of data collection

Annual.

## 18.3. Data collection

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# 18.4. Data validation

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## 18.5. Data compilation

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## 18.6. Adjustment

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## 19. Comment

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