

## Uzbekistan

### Metadata

#### Formation of the volume of industrial products of high-tech and medium-high-tech productions

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## 0. Prerequisites

### 0.1 Legal environment

#### 0.1.1 Responsibility for collecting, processing, and disseminating statistics

##### **The State Committee of the Republic of Uzbekistan on Statistics**

The State Committee of the Republic of Uzbekistan on Statistics acts independently in accordance with the Law of the Republic of Uzbekistan “On Official Statistics” adopted on August 11, 2021.

The purpose of the Law is to regulate relations in the field of official statistics. This Law applies to producers and users of official statistics, respondents and suppliers of administrative data, as well as relations arising between them related to the production, dissemination and coordination of official statistics.

On September 2, 2017, the “Regulation on the State Committee of the Republic of Uzbekistan on Statistics” was approved, which defines the mandate, functions and structure of the State Committee of the Republic of Uzbekistan on Statistics, which is the main body responsible for coordination, monitoring and supervision of the National Statistical System, as well as for collecting, processing, analysis and dissemination of data. Its functions include providing a unified statistical methodology that meets international standards.

In accordance with article 14 of the Law, state statistics bodies have the right:

- receive from state and economic management bodies, citizens' self-government bodies, banks and other organizations forms of statistical observation and use statistical observation data for statistical purposes;
- to carry out statistical observations of the activities of statistical units and use the obtained primary data for statistical purposes;
- to reward respondents - individuals for participating in statistical observations;
- to request and receive from state and economic management bodies, as well as from other organizations, information necessary for the implementation of statistical programs;
- involve on a contractual basis individuals and legal entities to collect statistical data necessary for the production of official statistics, in accordance with the law;
- use and introduce into the national statistical system modern methods and tools for collecting, processing, summarizing, analyzing, disseminating and storing statistical data;
- in case of revealing violations related to the presentation of statistical data, give instructions on

their elimination and make appropriate corrections to the statistical data;

- within the limits of their powers, apply to officials who have violated the procedure for submitting statistical reports, measures of administrative penalties in accordance with the law.

According to Presidential Order №O-5054 dated September 12, 2017, economic and financial data in the country must comply with the requirements of the Enhanced General Data Dissemination System (e-GDDS) of the International Monetary Fund and be coordinated within the framework of this system.

### **0.1.2 Data sharing and coordination among data producing agencies**

#### **The State Committee of the Republic of Uzbekistan on Statistics**

According to article 11 of the Law on Official Statistics, producers of official statistics are guided by internationally recommended definitions, classifications and methodology when producing statistics.

The authorized state body, within the framework of statistical programs, coordinates the activities of other producers of official statistics.

Producers of official statistics coordinate the methodology for producing statistics within their mandate.

If a discrepancy with international recommendations is revealed in the statistical methodologies of other producers of official statistics, the authorized state body, based on the results of the audit of statistical methodologies, has the right to make them mandatory submissions.

Other producers of official statistics that are part of the national statistical system create subdivisions responsible for generating statistical data and ensuring information exchange with the authorized state body.

Producers of official statistics and suppliers of administrative data submit to the authorized state body the statistical and (or) administrative data they have at their disposal free of charge in the manner and terms established by statistical programs.

According to Article 10 of the Law “On Official Statistics”, the Statistical Council is a collegial advisory body on the development, functioning and coordination of official statistics under the authorized state body.

The composition of the Statistical Council is formed from representatives of government bodies, research organizations, non-governmental non-profit organizations, as well as national experts in statistics.

### **0.1.3 Confidentiality of individual reporters' data**

#### **The State Committee of the Republic of Uzbekistan on Statistics**

According to Article 27 of the Law “On Official Statistics”, individual data held by the producers of official statistics are used exclusively for statistical purposes to compile aggregate statistical data. Individual data cannot be used by state bodies, citizens' self-government bodies and other organizations, including international ones, for the purposes of investigation, control, litigation, administrative decisions or for other purposes concerning individuals and legal entities or households.

According to the Regulation on the State Committee of the Republic of Uzbekistan on Statistics, the State Committee on Statistics has the right to conduct statistical observations of the activities of legal entities and individuals, including individual entrepreneurs, and use the data obtained for

statistical purposes, also ensures the confidentiality of the statistical data obtained, the protection of statistical data, containing state secrets.

The State Committee on Statistics employees must comply with the code of ethics, including the principle of confidentiality, not disclose any information provided to them in the performance of their duties.

They are informed of the responsibilities at the time of appointment. Each employee of the State Committee on Statistics is obliged to sign an agreement that obliges him not to disclose such data.

#### **0.1.4 Provision of statistical reporting**

##### **The State Committee of the Republic of Uzbekistan on Statistics**

According to Article 14 of the Law “On Official Statistics”, state statistics bodies have the right to receive forms of statistical observation from bodies of state and economic management, self-government bodies of citizens, banks and other organizations. In accordance with Article 215 of the Code of the Republic of Uzbekistan “On Administrative Liability”, violation by officials of the procedure for submitting statistical reports, expressed in failure to submit reports and other data necessary for conducting statistical observations, distortion of reporting data or violation of the deadlines for submitting reports entails the imposition of a fine from seven to ten basic calculated values.

According to Article 16 of the Law “On Official Statistics”, when conducting statistical observations in accordance with statistical programs, respondents are obliged to provide producers of official statistics with reliable and complete data free of charge in the manner and terms established by the producer of official statistics.

## **0.2 Resources**

### **0.2.1 Staff, facilities, computing resources, and financing**

Formation of the volume of industrial products of high-tech and medium-high-tech productions in the Central office is dealt with by 13 employees and by 4-5 each – in the Divisions of Industry Statistics of the territorial Statistical Departments.

The quantity of employees is sufficient for fulfilling the set tasks for the formation of statistical data.

All employees have higher education in the economic and industrial sphere and at least once every 2 years undergo training at the Institute for Professional Skills Upgrading and Statistical Research under the State Committee of the Republic of Uzbekistan on Statistics.

Each workplace is provided with a personal computer, the software is regularly updated.

The provided financial resources are sufficient for carrying out the works provided for by the statistical program on industry statistics.

## 1.Integrity

### 1.1 Professionalism

#### 1.1.1 Impartiality of statistics

##### **The State Committee of the Republic of Uzbekistan on Statistics**

According to Article 6 of the Law “On Official Statistics”, the main principles of official statistics are impartiality and objectivity.

According to Article 13 of the Law “On Official Statistics”, state bodies, other organizations and their officials are not entitled to interfere with the activities of state statistics bodies carried out in accordance with this Law.

Territorial departments of statistics, departments of statistics of districts (cities) are independent from local government bodies and are directly subordinate to the authorized government body.

In the production of this statistical information, government intervention is not allowed, and professional independence is fully ensured.

When selecting the employees and appointing them to senior positions, their experience and professionalism in the field of statistics are taken into account. Improvement of the qualification of the department’s employees is ensured through participation in training courses organized by the Institute for Professional Skills Upgrading and Statistical Research under the State Committee of the Republic of Uzbekistan on Statistics, as well as in training courses, training seminars organized by international organizations. Employees of the department give lectures at training courses organized by the Institute for Professional Skills Upgrading and Statistical Research. The placement of scientific articles of the department’s employees in the mass media has been organized.

#### 1.1.2 Selection of sources, methodology, and modes of dissemination

##### **The State Committee of the Republic of Uzbekistan on Statistics**

According to Article 33 of the Law “On Official Statistics”:

Producers of official statistics assess the quality of official statistics on an ongoing basis. To ensure quality assurance, official statistics are produced and disseminated on the basis of general principles and methods concerning coverage, definitions, statistical units and classifications of official statistics.

In order to improve the quality of official statistics, producers of official statistics have the right to analyze and edit data, combine data from various sources, link and compare data for statistical purposes, and use statistical methods to evaluate them.

Producers of Official Statistics document the sources and methods used in the production process as well as the resulting datasets. Users of official statistics are informed about the sources and methods of producing statistics and about the quality of official statistics through metadata.

#### 1.1.3 Commenting on erroneous interpretation and misuse of statistics

##### **The State Committee of the Republic of Uzbekistan on Statistics**

The Regulation on the State Committee of the Republic of Uzbekistan on Statistics (clause 15) determines that The State Committee on Statistics has the right to consider and provide

clarifications on cases of misuse and interpretation of statistical information and statistical data. That is, The State Committee on Statistics may comment on misinterpretation and misuse of statistical data.

## **1.2 Transparency**

### **1.2.1 Disclosure of terms and conditions for statistical collection, processing, and dissemination**

#### **The State Committee of the Republic of Uzbekistan on Statistics**

According to Article 6 of the Law “On Official Statistics”, the main principles of official statistics are clarity and transparency. The conditions for the collection, processing and dissemination of statistical data are included in the legislative acts of the Republic of Uzbekistan concerning statistics. These laws are posted on websites and are thus available to the public. The Law “On Official Statistics” and the statistical program, which clearly defines the terms for the development and dissemination of statistical data, are posted on the official website of the Committee ([www.stat.uz](http://www.stat.uz)). The law is available in the bulletin of the Oliy Majlis, the database of regulatory legal acts (norm), as well as in the database of the Ministry of Justice located at [www.lex.uz](http://www.lex.uz). Statistical reporting forms submitted by respondents to generate statistical data are published in advance for users on the Committee's official website.

### **1.2.2 Internal governmental access to statistics prior to release**

#### **The State Committee of the Republic of Uzbekistan on Statistics**

The government does not have access to the statistics produced by The State Committee on Statistics prior to their publication. State statistical bodies are independent in the dissemination of statistical data. Interference by state bodies is not allowed (Article 13 of the Law “On Official Statistics”). Only the Chairman of the Committee, his deputies and responsible employees have access to statistical data prior to their publication.

### **1.2.3 Attribution of statistical products**

#### **The State Committee of the Republic of Uzbekistan on Statistics**

The logo and footnotes clearly identify that the information published for the public in print statistical publications, information bulletins and in mass media is produced by the State Committee on Statistics.

### **1.2.4 Advance notice of major changes in methodology, source data, and statistical techniques**

#### **The State Committee of the Republic of Uzbekistan on Statistics**

The State Committee on Statistics notifies the public in advance about the transition to a new methodology and significant changes in existing methods and approaches. The State Committee on Statistics posts on its official website the relevant methodological guidelines explaining what changes users should expect. The expected changes are communicated to the public in articles, news and press conferences.

## 1.3. Ethical standards

### 1.3.1 Guideline for staff behavior

#### **The State Committee of the Republic of Uzbekistan on Statistics**

The Rules of Conduct for The State Committee on Statistics employees were approved. They are required to comply with a code of ethics, including the principle of confidentiality, and must not disclose any information provided to them in the performance of their assigned duties. They are informed of these obligations upon appointment. An employee of The State Committee on Statistics is obliged to conclude an agreement containing an obligation not to disclose individual data.

## 2. Methodology

### 2.1 Concepts and definitions

#### 2.1.1 Concepts and definitions

The methodology for forming the volume of industrial products of high-tech and medium-high-tech productions was developed taking into account the recommendations of Eurostat and the Organization for Economic Cooperation and Development (OECD) based on the classification of kinds of economic activities of the European Union (NACE. Rev.2).

The methodological basis for calculating the volume of industrial products of high-tech and medium-high-tech productions is the «Procedure for statistical assessment of the level of technological development of industrial production», approved by the Regulation of the State Committee of the Republic of Uzbekistan on Statistics No. 21 dated November 2, 2018.

Calculations of the indicator according to the methodology adapted to the requirements of international standards have been carried out by the State Committee on Statistics since 2018.

### 2.2 Scope

#### 2.2.1 Scope

##### 2.2.1.1 Scope of the data

The geographical coverage of the data includes the Republic of Karakalpakstan, 12 regions and Tashkent city.

The volume of products of high-tech and medium-high-tech productions includes the volume of production of enterprises and organizations carrying out the following types of activities:

- production of main pharmaceutical products and preparations;
- production of computers, electronic and optical products;
- production of chemical products;
- production of electrical equipment;
- production of machinery and equipment not included in other groupings;
- production of motor vehicles, trailers and semi-trailers;
- production of other transport equipment.

#### 2.2.1.2 Exceptions to coverage

There are no exceptions.

#### 2.2.1.3 Unrecorded activity

The shadow economy is not taken into account.

### 2.3 Classification/sectorization

#### 2.3.1 Classification/sectorization

The breakdown by types of activity is carried out in accordance with the National Classification on kinds of Economic Activities of the Republic of Uzbekistan (OKED rev.2), the equivalent of the Classification of Economic Activities within the framework of the European Union (NACE-rev.2).

The main accounting unit is an institutional unit.

### 2.4 Basis for recording

#### 2.4.1 Valuation

The cost definition of the volumes of industrial products involves the valuation of goods and services produced at the prices at the time of production, regardless of when they will be sold.

The products producer price index is used as a deflator for bringing the volumes of produced products at current prices in line with the prices of the base period.

#### 2.4.2 Recording basis

Transactions and flows are recorded on an accrual basis in accordance with the recommendations of the 2008 SNA.

For legal entities, data are formed based on the accrual principle.

#### 2.4.3 Grossing/netting procedures

The cost volume of industrial production is defined as a gross indicator. To ensure the comparability, the indicators of the corresponding periods of the reporting year and the previous year are given at actual prices of the reporting year (excluding VAT and excise duty).

## 3. Accuracy and reliability

### 3.1 Source data

#### 3.1.1 Source data collection programs

The basis for conducting the statistical activities is a comprehensive and constantly updated register of enterprises and organizations (Unified State Register of Enterprises and Organizations), which operates in accordance with the Resolution of the Cabinet of Ministers

No. 274 dated September 25, 2012 «On Approval of the Provision on the Unified State Register of Enterprises».

The procedures for maintaining the register of enterprises correspond to the requirements (including the addition of new units, the exclusion of units, which ceased their existence and keeping a record of mergers and changes in ownership). Initial data are constantly analysed to ensure that the data collection program is comprehensive. The reporting forms are periodically revised to take into account the changed circumstances.

The information base for calculating the volume of industrial products of high-tech and medium-high-tech productions is the primary statistical data of statistical reporting:

- once a year, the updated information on the total volume of industrial production is formed on the basis of statistical reporting data for large enterprises, unified reporting for small enterprises and micro-firms;

- the monthly volume of production is calculated on the basis of data from statistical reporting of large enterprises, estimates of the volume of industrial production of small enterprises and micro-firms based on the data of sample surveys using the telephone survey method, as well as of a sample survey of small business entities.

### **3.1.2 Source data definitions, scope, sectorization, classifications, valuation, and time of recording**

The initial data correspond to the time of reflection in accounting and to base periods. The scope of activities within the framework of the most important industrial groups is adequate.

Time period of data release: of monthly data - not later than 10 working days after the reporting period, annual data - not more than 6 months after the reporting period.

### **3.1.3 Source data timeliness**

The data collection program is regulated by the statistical program.

Information on the volume of industrial products of high-tech and medium-high-tech productions is formed by the State Committee of the Republic of Uzbekistan on Statistics on the 10<sup>th</sup> day, that corresponds to the current data standard. Annual information - not later than 6 months after the reporting period.

## **3.2 Assessment of source data**

### **3.2.1 Source data assessment**

The data received from enterprises are analyzed, undergo the mandatory control and verification at the level of district and regional Departments of statistics, in the State Committee on Statistics. When detecting the errors in registration, classification, the control errors, the information is necessarily specified one more time with the respondents.

Initial data are analyzed for the purpose of comparability with other related data sources.

### **3.3 Statistical techniques**

#### **3.3.1 Source data statistical techniques**

Mandatory submission of data by respondents is established by the Law of the Republic of Uzbekistan «On official statistics».

Estimated calculations for individual categories (secondary activities, etc.) are conceptually consistent with the questionnaire data and have common approaches.

The base period for calculating the volume of production is the year preceding the reporting one – (t-1).

#### **3.3.2 Other statistical procedures**

The calculation of the volume of industrial products of high-tech and medium-high-tech productions is carried out in accordance with the «Procedure for statistical assessment of the level of technological development of industrial production», approved by the Regulation of the State Committee of the Republic of Uzbekistan on Statistics dated November 2, 2018 No. 21, taking into account the recommendations of Eurostat and the OECD, as well as in accordance with the «International recommendations for industry statistics 2008».

### **3.4 Data validation**

#### **3.4.1 Validation of intermediate results**

Regular collation of estimated and reporting data is carried out. The difference between operational and specified data is insignificant.

#### **3.4.2 Assessment of intermediate data**

An analysis of possible discrepancies in main intermediate data is conducted, and the data is corrected for eliminating the discrepancies.

#### **3.4.3 Assessment of discrepancies and other problems in statistical outputs**

In case of detecting the discrepancies in previously published data, changes are made to these data in subsequent publications. Coordination can be carried out with other agencies, enterprises and organizations.

### **3.5 Revision studies**

#### **3.5.1 Revision studies and analyses**

Preliminary annual indicators for January-December are compared with annual reporting data not later than 6 months after the reporting period.

## 4. Serviceability

### 4.1 Periodicity and timeliness

#### 4.1.1 Periodicity

Calculations of the volume of industrial products of high-tech and medium-high-tech productions are carried out monthly, updated indicators - according to annual reporting.

#### 4.1.2 Timeliness

Indicators of the volume of industrial products of high-tech and medium-high-tech productions are published on the 10<sup>th</sup> working day, annual indicators - not later than in 6 months after the reporting period.

### 4.2 Consistency

#### 4.2.1 Internal consistency

After confirmation and dissemination, the statistical series are not revised.

#### 4.2.2 Temporal consistency

There are time series on the volume of industrial products of high-tech and medium-high-tech productions since 2018.

#### 4.2.3 Intersectoral and cross-domain consistency

Statistical data are comparable with the data of the total volume of industrial production. Information on the volume of industrial products of high-tech and medium-high-tech productions is received by the State Committee of the Republic of Uzbekistan on Statistics directly from enterprises producing the industrial products.

### 4.3 Revision

#### 4.3.1 Revision and/or update schedule

Data on the volume of industrial products of high-tech and medium-high-tech productions are specified within the time frames provided for by the statistical program. Monthly data are revised during 2 months after the specification of annual reports, the annual data are specified in June month.

#### 4.3.2 Identification of preliminary and/or revised/updated data

When publishing the preliminary and/or revised data, a corresponding entry (link) is made.

#### 4.3.3 Dissemination of revision studies and analyses

In case of specifying the previously published data on the volume of industrial products of high-

tech and medium-high-tech productions, the specified data are given in subsequent publications. Revised (final) data are disseminated through publications of the State Committee on Statistics.

## 5. Accessibility

### 5.1 Data

#### 5.1.1 Statistical presentation

Data on the volume of industrial products of high-tech and medium-high-tech productions are provided in an electronic form in the form of a monthly statistical bulletin «Production of industrial products», of a monthly Press release and upon the users' requests.

#### 5.1.2 Dissemination media and format

##### 5.1.2.1 Hard copy - New release

There are no.

##### 5.1.2.2 Hard copy - Monthly bulletin

Statistical bulletin «Production of industrial products».

##### 5.1.2.3 Hard copy - Quarterly bulletin

There are no.

##### 5.1.2.4 Hard copy - Annually bulletin

There are no.

##### 5.1.2.5 Hard copy - Other

Tables upon special users' requests.

##### 5.1.2.6 Electronic - On-line bulletin or data

Monthly statistical bulletin "Production of industrial products".  
Press release – monthly in an electronic form.

#### 5.1.3 Advance release calendar

Monthly information is submitted on the 10<sup>th</sup> working day, annual information - not later than 6 months after the reporting period.

#### 5.1.4 Simultaneous release

Monthly, quarterly and yearly the data are submitted in a form of electronic tables to governmental bodies and to other users upon their requests.

### **5.1.5 Dissemination on request**

Specific details may be available upon request. According to the Law of the Republic of Uzbekistan «On official statistics», the Provision «On the State Committee of the Republic of Uzbekistan on statistics», the Regulations for the organization of works on the preparation and dissemination of statistical information and other regulatory documents, statistical data are provided to users upon their request in accordance with the established procedure. Dissemination of statistical information is carried out by providing upon the written request of legal or physical entities in the form of printed or electronic tables, statistical bulletins, express information, as well as in accordance with the agreements of the parties on information interaction.

## **5.2 Metadata**

### **5.2.1 Dissemination of documentation on concepts, scope, classifications, basis of recording, data sources, and statistical techniques**

The methodological provisions for the formation and calculation of statistical indicators are placed on the website of the State Committee on Statistics.

## **5.3 Assistance to users**

### **5.3.1 Dissemination of information on contact points**

If users have questions, the necessary information for clarifying the relevant indicators with the employees of the Department of Industry Statistics is available on the website of the State Committee on Statistics.

## **9. Plans**

### **9.1 Recent**

#### **9.1.1 Plans for improvement - Recent improvements**

Improvement of tools (forms and questionnaires) of statistical observations.

### **9.2 General**

#### **9.2.1 Plans for improvement - Short-term**

Improvement of the forms of statistical reporting.

#### **9.2.2 Plans for improvement - Medium-term**

Improvement of tools of statistical observations.

## **9.3 Financial**

### **9.3.1 Plans for improvement - TA/financing needs - Short-term**

Financing is ensured within the framework of the annual statistical program.

### **9.3.2 Plans for improvement - TA/financing needs - Medium-term**

Financing is ensured within the framework of the annual statistical program.

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