

## Production of major industrial products in March 2025

Statistics Poland

**Content-related works**

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## Preface

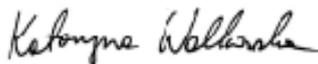
This publication contains data on the production of major products or assortment groups representing particular divisions of the Polish Classification of Goods and Services (PKWiU 2015) for Section B "Products of Mining and Quarrying" and section C "Manufacturing Products" obtained in the monthly survey.

The aim of the publication is to present changes in the production of industrial products based on data expressed in physical units of measure in particular months of the last two years. Selection of presented industrial products reflects the needs of a wide range of users, including among others, government administration, producers' associations and individual producers and scientific research institutions.

Presenting this publication we hope that the data will be a valuable source of information on production of the most significant products in Poland. At the same time, we will appreciate any comments and suggestions regarding the scope of data contained in this publication, which will allow for its better adaptation to the needs of users.

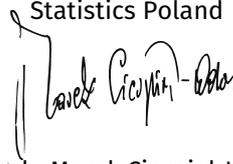
Taking the opportunity, we would like to thank all the respondents participating in the monthly survey on the production of industrial products, carried out on the P-02 form "Report on production and inventory of industrial products". Your commitment contributed to compiling this publication.

Director  
of Enterprises Department



Katarzyna Walkowska

President  
Statistics Poland



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## Symbols

Symbol	Description
(-)	magnitude zero
(0)	magnitude not zero, but less than 0.5 of a unit
(.)	data not available, classified data (statistical confidentiality) or providing data impossible or purposeless
(*)	revised data
of which	indicates that not all elements of the sum are given

## Main abbreviations

Symbol	Description
Cu	copper
dam <sup>3</sup>	cubic decametre
GWh	gigawatt-hour
hm <sup>3</sup>	cubic hectometre
km	kilometer
MVA	megavolt-ampere
MW	megawatt
PLN	Polish zloty
thousand hectolitre 10%	thousand hectolitre of converted volume of product with 10% component content

## Introduction

The survey of the production of industrial products in physical units of measure complements the survey of sold production of industry, and allows for monthly assessment of trends of domestic production. The publication contains data on manufactured production in Poland for 462 products or assortment groups representing major fields of industrial production.

The data were prepared on the basis of a monthly product survey carried out on the P-02 form "Report on production and inventory of industrial products". The survey covers enterprises manufacturing industrial products regardless of their type of business activity, with number of persons employed 50 persons and more.

Products or assortment groups are presented according to the PRODPOL nomenclature based on the Polish Classification of Goods and Services (PKWiU 2015) and the European PRODCOM List. In some cases, products are presented according to additional groupings, constituting the sum of selected items from the PRODPOL nomenclature.

Table 1 presents the data on manufactured production of products in March 2025 along with production dynamics indicators in relation to the previous month and to corresponding period of the previous year.

Table 2 presents the data on manufactured production of products retrospectively, covering the months of the current and previous year.

Table 3 presents the data on sold production of products in March 2025 along with production dynamics indicators in relation to the previous month and to corresponding period of the previous year.

Table 4 presents the data on sold production of products retrospectively, covering the months of the current and previous year.

Indices shown in table 1 and table 3 take account of corrections made for previous periods.

The sum of data from particular months in table 2 and table 4 does not always have to be consistent with the cumulative data (i.e. from the beginning of the year to the end of the reporting month), because minor adjustments of up to 3% at country level for a given product are taken into account only in cumulative data. Data corrected in relation to the data presented in the previous month are marked with an asterisk.

The reasons of differences that may occur between the amount of manufactured production and sold production are presented in the Methodological notes.

At the end of the publication has been added list of product aggregates presented in the publication, their descriptions and component PRODPOL headings.

## Executive summary

In March 2025, the product survey carried out on the P-02 form "Report on production and inventory of industrial products" covered more than 7,000 statistical entities with 50 or more persons employed that manufactured products specified in the PRODPOL nomenclature for monthly surveys in 2025.

The publication presents data on manufactured production for 477 products and assortment groups and on sold production for 321 products and assortment groups. In March 2025, manufactured production of 257 items and sold production of 180 items was higher than in March 2024. Decrease was noted on manufactured production for 211 items and on sold production for 140 items. Data on production of women's or girls' overcoats and other similar articles, not knitted; women's or girls' suits and ensembles, not knitted and field sowers is not published as it was not possible to obtain production data from some economic entities.

### MANUFACTURED PRODUCTION

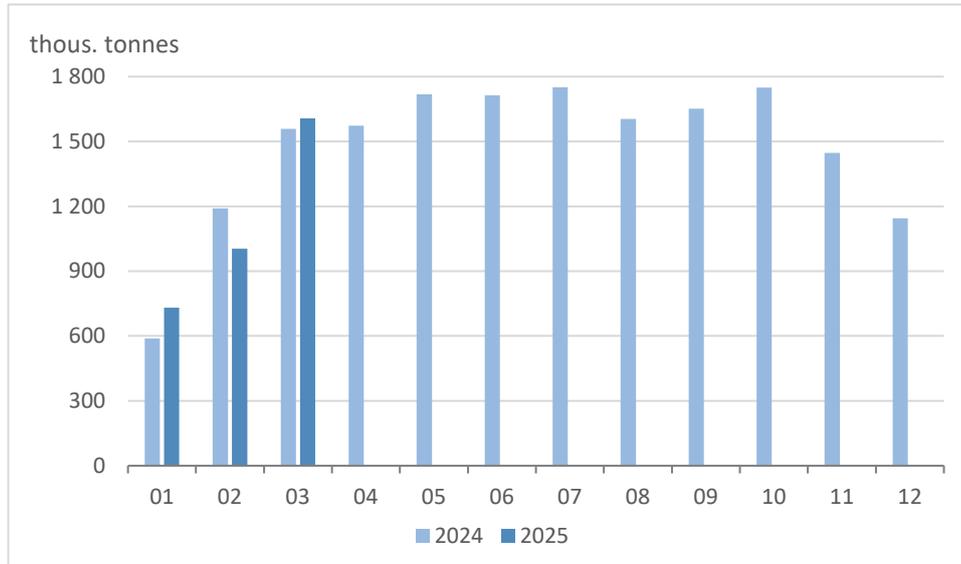
**In January - March 2025 compared with the corresponding period of the previous year,** production increase was recorded for 249 products. In the divisions covering energy raw materials production increased of e.g. lignite (by 11.2%). In the division *Food products* production increased of e.g. prepared meals and dishes based on fish, crustaceans and molluscs (by 59.6%), buttermilk in solid forms with a fat content by weight of  $\leq 1,5\%$  (by 37.6%), edible rock salt (by 35.5%), prepared or preserved nuts (other than groundnuts) and other seeds and mixtures (by 30.3%), citrus fruit jams, marmalades, jellies, purees or pastes, being cooked preparations (by 30.2%). In the divisions *Wearing apparel* and *Leather and related products* production increased of e.g. unsplit bovine leather for shoes (by 79.7%), panty hose and tights (by 55.0%), men's or boys' overcoats and other similar articles, not knitted (by 27.6%), waterproof footwear, with outer soles and uppers of rubber or plastics, not incorporating a protective metal toe-cap (by 16.0%). In the division *Paper and paper products* production increased of e.g. sacks and bags of paper (by 15.2%), wadding; other articles of wadding (by 10.7%), sanitary towels and similar articles of paper pulp, paper and cellulose wadding (by 10.7%), fluting paper (by 9.0%), folding cartons, boxes and cases of non-corrugated paper or paperboard (by 8.8%). In the division *Chemical products* production increased of e.g. glues (by 52.3%), polypropylene (by 45.6%), distillate of agricultural origin (by 42.7%), pesticides and agrochemicals used in agriculture and forestry (by 32.6%). In the division *Rubber and plastic products* production increased of e.g. rubberised textile fabrics, except tyre cord fabric (by 49.9%), rigid tubes, pipes and hoses of polymers of vinyl chloride (by 16.7%), plastic floor, wall, ceiling coverings (by 12.4%), sheets, foil and strip, of non-cellular polymers of ethylene, not reinforced, of a thickness not exceeding 0.125 mm (by 4.1%), plates, sheet, film, foil of cellular polymers of styrene (by 3.7%). In the division *Other non-metallic mineral products* production increased of e.g. ceramic roof tiles (by 48.5%), structural-floor clay hollow bricks (by 32.3%), structural-wall tiles of calcium-silicate (by 25.4%), porcelain or china tableware and kitchenware (by 20.2%). In the division *Basic metals* production increased of e.g. hot rolled steel products (by 41.7%), brass (by 36.9%), hot-rolled steel rods and bars (by 28.6%), refined unwrought lead (by 19.4%), copper and copper alloy bars, rods and profiles (by 11.5%). In the division *Fabricated metal products* production increased of e.g. welded grill, netting and fencing manufactured from wire of a diameter of  $< 3$  mm (by 19.7%), aluminium doors, thresholds for doors, and their frames (by 14.9%), windows made of steel and their frames (by 12.2%), food cans of tinsplate (by 11.9%). In the divisions *Computer, electronic and optical products* and *Electrical equipment* production increased of e.g. optical fibre cables (by 42.0%), LED light bulbs (by 30.0%), telephone sets, excluding cellular phones (by 24.1%), gas-electric cookers (by 21.6%), outside aerials for radio or television reception excluding for satellite broadcast (by 20.6%). In the division *Machinery and equipment* production increased of e.g. cash registers (by 45.0%), fire extinguishers (by 28.6%), concrete

mixers (by 22.0%), refrigerated show-cases and counters (by 17.1%), scarifiers and cultivators (by 15.5%). In the divisions *Motor vehicles* and *Other transport equipment* production increased of e.g. fire-fighting vehicles (by 79.4%), rail goods wagons (by 39.7%), goods vehicles, with spark-ignition internal combustion piston engine; other goods vehicles (by 35.0%), containers for freight transport (by 13.4%). In the division *Furniture* production increased of e.g. kitchen furniture of wood (by 28.3%), wooden bedroom furniture (by 11.0%), wooden furniture for the dining-room and living-room (by 4.6%).

In January - March compared with the corresponding period of the previous year, production decrease was recorded for 219 products. In the division *Food products* production decreased of e.g. whole milk powder or full cream powder (milk and cream in solid forms, of a fat content by weight of > 1,5 %), in immediate packings of > 2,5 kg (by 63.5%), muesli type preparations based on unroasted cereal flakes (by 46.4%), whole milk powder or full cream powder (milk and cream in solid forms, of a fat content by weight of > 1,5 %), in immediate packings of ≤ 2,5 kg (by 45.6%), vegetable pickles (by 31.7%). In the divisions *Wearing apparel* and *Leather and related products* production decreased of e.g. men's or boys' trousers, overalls and shorts, not knitted (by 76.9%), women's or girls' blouses and shirts, not knitted (by 54.8%), men's or boys' overcoats and similar articles, knitted or crocheted (by 41.4%), footwear with uppers of textile materials (by 40.4%), men's or boys' shirts, not knitted (by 31.4%). In the division *Wood and products of wood* production decreased of e.g. assembled parquet panels of wood for mosaic floors (by 40.6%), veneers (by 21.8%), other plywood, veneered panels and similar laminated wood, of coniferous wood (by 12.9%), assembled parquet panels of wood other than for mosaic floors (by 9.1%), non-coniferous sawnwood (by 5.5%). In the division *Chemical products* production decreased of e.g. paints and varnishes other than colodium containing in solution more than 50% of solvent by weight (by 59.8%), polyvinyl chloride not mixed with any other substances (by 47.1%), denatured ethyl alcohol (by 42.5%), polypropylene synthetic tow and staple (by 38.2%). In the division *Rubber and plastic products* production decreased of e.g. tyres for tractors (by 29.2%), tyres for agricultural machinery (by 21.5%), tyres for lorries and buses (by 13.0%), tubes, pipes and hoses of vulcanised rubber other than hard rubber (by 11.7%). In the division *Other non-metallic mineral products* production decreased of e.g. products of heat insulation of mineral wools (by 13.7%), flagstones and similar articles of concrete (by 11.7%). In the division *Basic metals* production decreased of e.g. seamless tubes (by 55.2%), bronze (by 30.7%), wire of aluminium (by 29.7%), railway or tramway steel rails (by 26.8%). In the division *Fabricated metal products* production decreased of e.g. iron or steel reservoirs, tanks and similar containers for gases, of a capacity > 300 litres (by 31.7%), chain (except articulated link chain) and parts thereof (by 6.7%), cans other than for preserving food and drink of iron or steel, of a capacity < 50 l (by 3.4%). In the divisions *Computer, electronic and optical products* and *Electrical equipment* production decreased of e.g. filament lamps of a power ≤ 200 W and for a voltage > 100 V (by 72.8%), lead-acid accumulators working with non-liquid electrolyte, other than of a kind used for starting piston engine (by 65.3%), electricity meters (by 46.1%), electric conductors, for a voltage ≤ 1 000 V, fitted with connectors (by 36.5%). In the division *Machinery and equipment* production decreased of e.g. vacuum pumps (by 57.4%), lathes for working metal (by 57.0%), machining centres, unit construction machines and multi-station transfer machines for working metal (by 55.3%), machine tools for machining metals (by 36.6%), ball bearings (by 13.3%). In the divisions *Motor vehicles* and *Other transport equipment* production decreased of e.g. passenger cars (by 70.0%), sea-going boats for pleasure or sports (by 49.4%), public transport vehicles (by 27.8%), lorries and road tractors for semi-trailers (by 16.9%), internal combustion engines for vehicles (by 13.0%).

Production of chocolate, men's or boys' suits and ensembles, not knitted and laminated wood, particle and similar boards of wood and ligneous materials was at the same level as in the corresponding period of the previous year.

Chart 1. Manufactured production of Portland cement, alumina cement, slag cement and similar types of hydraulic cement



**SOLD PRODUCTION**

**In January – March 2025 compared with the corresponding period of the previous year,** production increase was recorded for 195 products. In the divisions covering energy raw materials production increased of hard coal (by 6.0%). In the divisions *Food products* and *Beverages* production increased of e.g. prepared meals and dishes based on fish, crustaceans and molluscs (by 55.8%), chocolate candies (by 40.4%), non-alcoholic beer (by 27.4%), citrus fruit jams, marmalades, jellies, purees or pastes, being cooked preparations (by 27.4%). In the divisions *Wearing apparel* and *Leather and related products* production increased of e.g. leather of bovine animals (by 35.2%), panty hose and tights (by 33.7%), women's or girls' dresses and skirts, not knitted (by 18.5%). In the divisions *Wood and products of wood* and *Paper and paper products* production increased of e.g. veneers (by 38.8%), flat pallets and pallet collars of wood (by 27.9%), sacks and bags of paper (by 17.2%), fluting paper (by 11.1%), doors and their frames and thresholds, of wood (by 10.1%). In the division *Chemical products* production increased of e.g. glues (by 56.3%), pesticides and agrochemicals used in agriculture and forestry (by 39.7%), phosphatic fertilizers (by 27.7%). In the division *Rubber and plastic products* production increased of e.g. plastic floor, wall, ceiling coverings (by 17.8%), rigid tubes, pipes and hoses of polymers of vinyl chloride (by 16.3%), tableware and kitchenware of plastic (by 7.9%), rigid tubes, pipes and hoses of polymers of propylene (by 7.2%), sheets, foil and strip, of non-cellular polymers of ethylene, not reinforced, of a thickness not exceeding 0.125 mm (by 5.3%). In the division *Other non-metallic mineral products* production increased of e.g. bricks made of clay (by 67.1%), ceramic roof tiles (by 37.6%), ceramic tiles and flags (by 32.6%), bottles of coloured glass of a nominal capacity < 2,5 litres, for beverages and foodstuff (by 15.6%). In the division *Basic metals* production increased of e.g. refined unwrought lead (by 35.7%), hot-rolled steel rods and bars (by 32.3%), copper and copper alloy bars, rods and profiles (by 16.3%), hot-rolled concrete reinforcing bars (by 15.7%). In the division *Fabricated metal products* production increased of e.g. welded grill, netting and fencing manufactured from wire of a diameter of < 3 mm (by 28.8%), iron or steel reservoirs, tanks and similar containers for liquids, of a capacity > 300 litres (by 22.3%), aluminium doors, thresholds for doors, and their frames (by 15.2%), hand

tools of a kind used in agriculture, horticulture or forestry (by 14.0%). In the divisions *Computer, electronic and optical products* and *Electrical equipment* production increased of e.g. gas meters (by 15.8%), water meters (by 14.8%), electric conductors, for a voltage  $\leq 1\ 000$  V, not fitted with connectors (by 12.8%), dish washing machines (by 9.9%). In the division *Machinery and equipment* production increased of e.g. refrigerated show-cases and counters (by 28.2%), ploughs (by 18.9%), reciprocating displacement compressors (by 18.9%), scarifiers and cultivators (by 15.4%). In the divisions *Motor vehicles* and *Other transport equipment* production increased of e.g. rail goods wagons (by 39.7%), public transport vehicles (by 25.4%), containers for freight transport (by 9.7%). In the division *Furniture* production increased of e.g. kitchen furniture of wood (by 30.8%), wooden bedroom furniture (by 14.2%), wooden furniture for the dining-room and living-room (by 5.0%).

In January - March compared with the corresponding period of the previous year, production decrease was recorded for 124 products. In the divisions *Food products* and *Beverages* production decreased of e.g. wine from grape (by 39.6%), vegetable pickles (by 31.8%), rusks, toasted bread and similar toasted products (by 28.4%), concentrated apple juice (by 23.8%). In the divisions *Wearing apparel* and *Leather and related products* production decreased of e.g. women's or girls' trousers, overalls and shorts, not knitted (by 49.1%), footwear with uppers of textile materials (by 39.9%), women's or girls' blouses and shirts, not knitted (by 36.7%), men's or boys' overcoats and similar articles, knitted or crocheted (by 28.2%). In the divisions *Wood and products of wood* and *Paper and paper products* production decreased of e.g. assembled parquet panels of wood for mosaic floors (by 33.5%), other paper and paperboard for graphic purposes (by 4.8%), windows, french windows and their frames, of wood (by 2.8%), fibreboard of wood or ligneous materials (by 2.7%). In the divisions *Coke, briquette and refined petroleum products* and *Chemical products* production decreased of e.g. paints and varnishes other than colodium containing in solution more than 50% of solvent by weight (by 52.5%), asphalt (by 29.7%), toilet waters (by 11.1%), coke (by 10.7%). In the division *Other non-metallic mineral products* production decreased of e.g. structural-floor clay hollow bricks (by 10.3%), flagstones and similar articles of concrete (by 4.4%), structural-wall clay hollow bricks (by 3.2%). In the division *Fabricated metal products* production decreased of e.g. iron or steel reservoirs, tanks and similar containers for gases, of a capacity  $> 300$  litres (by 32.7%), cans other than for preserving food and drink of iron or steel, of a capacity  $< 50$  l (by 4.0%), nails (by 3.1%). In the divisions *Computer, electronic and optical products* and *Electrical equipment* production decreased of e.g. electricity meters (by 47.0%), multi-phase current motors, excluding traction motors (by 34.3%), electric conductors, for a voltage  $\leq 1\ 000$  V, fitted with connectors (by 31.0%), refrigerators and freezers, including combined refrigerators-freezers (by 17.2%). In the division *Machinery and equipment* production decreased of e.g. machine tools for machining metals (by 39.8%), articulated link chain of iron or steel (by 15.2%), hydraulic pumps (by 14.7%), pick-up straw and fodder balers (by 12.6%). In the divisions *Motor vehicles* and *Other transport equipment* production decreased of e.g. passenger cars (by 70.1%), sea-going boats for pleasure or sports (by 31.4%), city/touring bicycles (by 28.2%), internal combustion engines for vehicles (by 11.7%).

Production of plastic doors, windows and their frames was at the same level as in the corresponding period of the previous year.

## Methodological notes

The data were compiled on the basis of a monthly survey of production of industrial products on the P-02 form "Report on production and inventory of industrial products". In case of electricity, the data are derived from specialist surveys conducted by Minister responsible for energy and the President of Energy Regulatory Office.

Data are collected according to groupings indicated in the PRODPOL nomenclature for monthly surveys in the reporting year. The nomenclature is based on the Polish Classification of Goods and Services (PKWiU 2015) – introduced on January 1, 2016 for use in statistics, registration, documentation and accounting, and also in official registers and public administration information systems (Regulation of the Council of Ministers of 4 September 2015, Journal of Laws, item 1676) and on the PRODCOM List used in the European Union.

### 1. Scope of units and products surveyed

The monthly survey covers legal entities, organizational units without legal personality (excluding budgetary units and establishments) and natural persons conducting business activities, with the number of persons employed exceeding 49. Units producing electricity are included in the survey regardless of the number of persons employed. The survey applies to all business entities which manufacture products specified in the PRODPOL nomenclature for a given reporting year, regardless of the kind of economic activity classified according to the Polish Classification of Activities (PKD 2007).

The survey of production of industrial products does not include the following units:

- trade units, which ordered the manufacture of goods in a production company and did not provide raw materials for the manufacture of these goods,
- running only publishing activities and not directly involved in the printing preparation process or printing process,
- engaged only in activities related to the production of films, video recordings, television programs, sound and music recordings and not directly involved in the process of reproduction of sound recordings, video recordings or reproduction of computer storage media.

The survey provides data on the quantity of production of finished products manufactured on own account or under subcontracting, from material provided by the principal, as of the end of the reporting month. The processing or modification of a purchased product, which did not change the characteristics of its use and purpose, is not considered as production.

The basic principle in determining the quantity of production is its homogeneity which allows aggregation of particular product ranges.

In order to obtain comparable data on the production of industrial products, the PRODPOL nomenclature is used. It contains a list of products with the symbol and the name of the product or assortment group and assigned to them units of measure in which production should be reported. This allows the units to report the data on production of products which belong to the same category but are traded under different own names, in one PRODPOL grouping under the same name and in the same unit of measure.

The PRODPOL nomenclature is compliant at six-digit level with the PKWiU 2015 classification and at eight-digit level with the PRODCOM List. 10- and 12-digit groupings result from the demands reported by domestic users. The PRODPOL nomenclature is updated annually and is available on the Statistics Poland website

[PRODPOL nomenclature for monthly surveys in 2025.](#)

It is very important to determine the unit of measurement for each grouping that corresponds to physical characteristics and intended use of particular type of product.

In most cases, the data is collected in the physical units of measure. For non-homogeneous product groupings, if they have at least one common feature defining their properties, conventional units of measure are used. A typical example of the use of conventional units of measure are chemical products in which the quantity is expressed in terms of pure ingredient. For groupings containing products of considerable diversity, e.g. pharmaceutical products, it is not possible to use physical units of measure. In this case, data are collected only on the value of sold production in current prices expressed in thousands zloty.

In cases where one unit of measure does not specify sufficiently the functional features of a given product as well as the volume of its production, several units of measure are used at the same time.

Differences between manufactured production and sold production in the monthly surveys result from the fact that:

- products can be produced for stock and sold in the following reporting periods, e.g. due to the seasonal availability of raw materials for production (e.g. frozen vegetables), increased seasonal sales of certain products (e.g. mineral waters, beer in the summer), in connection with planned holidays or downtime for maintenance,
- products can be sold from stock,
- the products were manufactured under subcontracting, and the contractor or principal is not covered by the P-02 surveys (this especially applies to products from the Wearing apparel division),
- some products may be manufactured by enterprises for their own purposes and used in the further production of other products, therefore they do not appear in the course of trade or appear only in small quantities (this applies especially to basic chemicals).

Monthly data on production of industrial products may be subject to monthly revisions up to 14 months after the end of the reporting year. The revisions result from the specificity of the survey of production of industrial products related to difficulties in classifying certain products to relevant headings of PRODPOL nomenclature and to short period for preparing monthly data by reporting units.

## 2. Explanation of basic concepts

**Manufactured production** is the result of manufacturing processes mutually interrelated and conditioned, occurring at a given time.

Manufactured production includes the total quantity of finished products produced in the reporting period, both from manufacturer's own raw material and from raw material provided by another enterprise or natural person. It also includes the total volume of semi-finished products, parts, sets of machinery and equipment, regardless of whether they were intended for sale or to the parent company, to other plants of the same company, or intended for further processing (assembly) in the enterprise. Therefore, manufactured products include products manufactured by the enterprise, meeting certain standards, technical conditions or contractual terms concluded between the contractor and the recipient. Products made of secondary raw material are considered as production, if they are of utility and are a direct result of the manufacturing work of the enterprise. The production also includes the so-called by-products, created in the production process simultaneously with the main product.

**Sold production of industrial products** is the quantity and value of products of own production or production ordered in another enterprise from provided materials, sold outside of the enterprise in the reporting period, regardless of the moment of their production.

**Production under subcontracted operations** is the production made on order by the contractor, from materials provided by the ordering company (principal).

**Finished products** are products that are not further processed within the same enterprise in which they were produced, that means products completely finished and completed, after passing the entire production process. Finished products should comply with certain standards, and in case of lack of such requirements – with specifications or contractual conditions concluded between the manufacturer and the recipient.