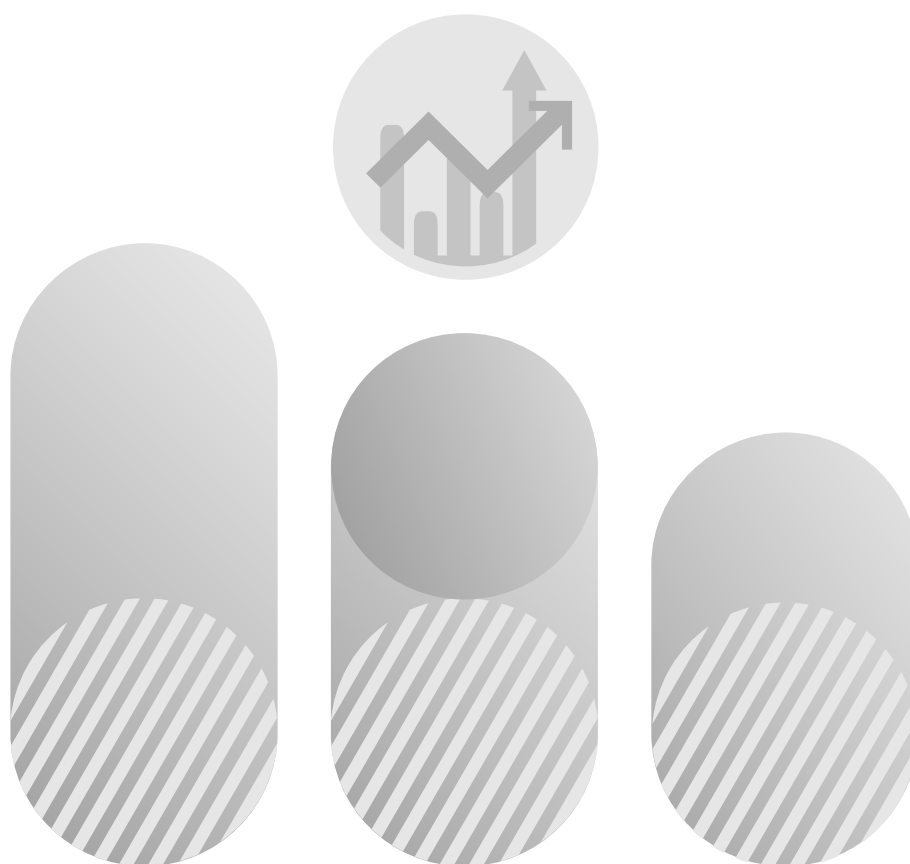




Warsaw 2024 **Production of major industrial products  
in February 2024**





## **Production of major industrial products in February 2024**

**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

# Contents

Page

Preface .....	3
Symbols .....	5
Main abbreviations .....	6
Introduction .....	7
Executive summary .....	8
Methodological notes .....	11
List of tables (tables available for download in XLSX format)	
Table 1. Manufactured production of major industrial products in February, 2024	
Table 2. Manufactured production of major products by months, 2023 and 2024	
Table 3. Sold production of major products in February, 2024	
Table 4. Sold production of major products by months, 2023 and 2024	
List of product aggregates presented in the publication, their descriptions and component PRODPOL headings	

## 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 February 2024 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 February 2024 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 February 2024, the product survey carried out on the P-02 form "Report on production and inventory of industrial products" covered more than 7,000 statistical units with 50 or more persons employed that manufactured products specified in the PRODPOL nomenclature for monthly surveys in 2024.

The publication presents data on manufactured production for 460 products and assortment groups and on sold production for 308 products and assortment groups. In February 2024, manufactured production of 235 items and sold production of 164 items was higher than in February 2023. Decrease was noted on manufactured production for 217 items and on sold production for 141 items. Data on production of homogenised composite food preparations for infant food or dietetic purposes and bricks made of clay is not published as it was not possible to obtain production data from some economic entities.

### MANUFACTURED PRODUCTION

**In February 2024 in comparison to February 2023** production increased of e.g. lead-acid accumulators working with non-liquid electrolyte, other than of a kind used for starting piston engine (by 73.2%), refined rape and colza oil and their fractions, for human consumption; confectioned (by 58.1%), vegetable pickles (by 54.0%), flagstones and similar articles of concrete (by 53.6%), textile floor coverings (by 53.3%).

In February 2024 in comparison to February 2023, production decrease was recorded for, among others: loaders for general use in agriculture (by 65.5%), asphalt (by 65.3%), machinery for construction, road and drainage work (by 62.4%), flax yarn (by 61.0%), welded grill, netting and fencing manufactured from wire of a diameter of < 3 mm (by 58.5%), paints and varnishes, based on acrylic or vinyl polymers, weight of the solvent more than 50% (by 55.3%).

In comparison with the corresponding month of the previous year, production of panty hose and tights was at the same level.

**Compared to January 2024, in February 2024** manufactured production increase was recorded for 251 products, among others for: other polyamides filament tow and staple fibres (by 86.2%), pick-up straw and fodder balers (by 85.8%), needles, catheters, cannulae and the like used in medical sciences (excluding tubular metal needles and needles for sutures) (by 84.3%), woven fabrics of cotton, not of yarns of different colours, weighing  $\leq 200$  g/m<sup>2</sup>, for technical or industrial uses (by 75.0%), parts of therapeutic respiration apparatus (by 74.5%), roasted decaffeinated coffee (by 70.9%).

Compared with the previous month, production products decreased for 199, among others for: polypropylene synthetic tow and staple (by 71.8%), tubular metal needles, for medical sciences (by 70.0%), ceramic ridge tiles (by 66.9%), organic surface-active products and preparations for washing the skin; whether or not containing soap, p.r.s. (by 61.7%), refined sunflower-seed oil and its fractions, for human consumption; confectioned (by 59.2%), acetic acid (by 54.3%).

Production of toluene and refined unwrought lead remained at the same level as in the previous month.

**In January - February compared with the corresponding period of the previous year**, production decrease was recorded for 247 products, among others for: machinery for construction, road and drainage work (by 66.6%), asphalt (by 62.5%), other protective face masks (by 62.3%), flax yarn (by 61.6%), woven fabrics of artificial staple fibre (by 61.3%).

In January - February compared with the corresponding period of the previous year, production increase was recorded for 203 products, among others for: woven fabrics of flax, containing  $\geq 85$  % by weight of flax (by 90.9%), glues (by 85.7%), buckwheat groats and meal (by 83.0%), organic surface-active products and preparations for washing the skin; whether or not containing soap, p.r.s. (by 79.2%), vegetable pickles (by 72.7%).

Production of woven fabrics of cotton, not of yarns of different colours, weighing  $\leq 200 \text{ g/m}^2$ , for technical or industrial uses, cathodes of copper, electric ovens for building-in and mechanical non-invasive ventilation apparatus was at the same level as in the corresponding period of the previous year.

In February, there was an increase in the production of hand tools and soil machinery of a kind used in agriculture, horticulture or forestry, typical for this month.

Chart 1. Manufactured production of soil machinery

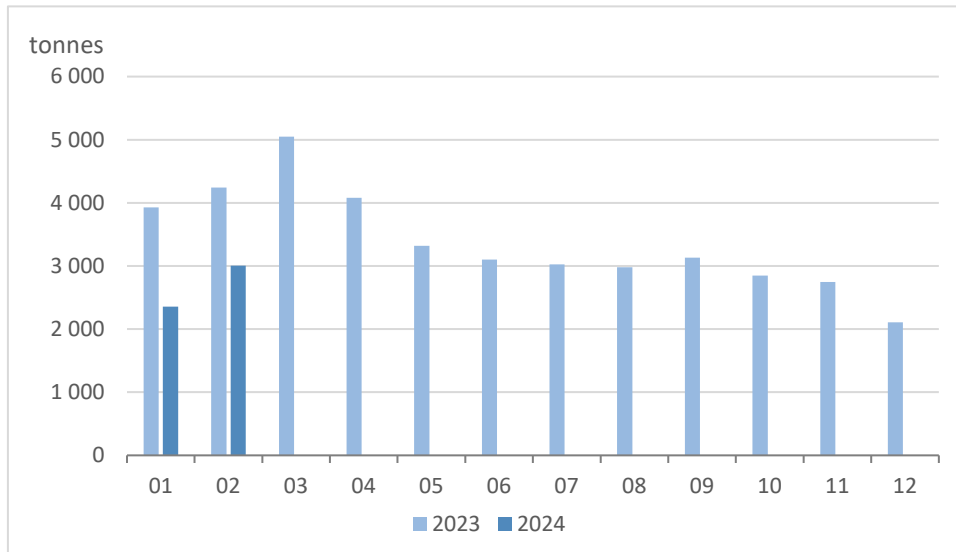
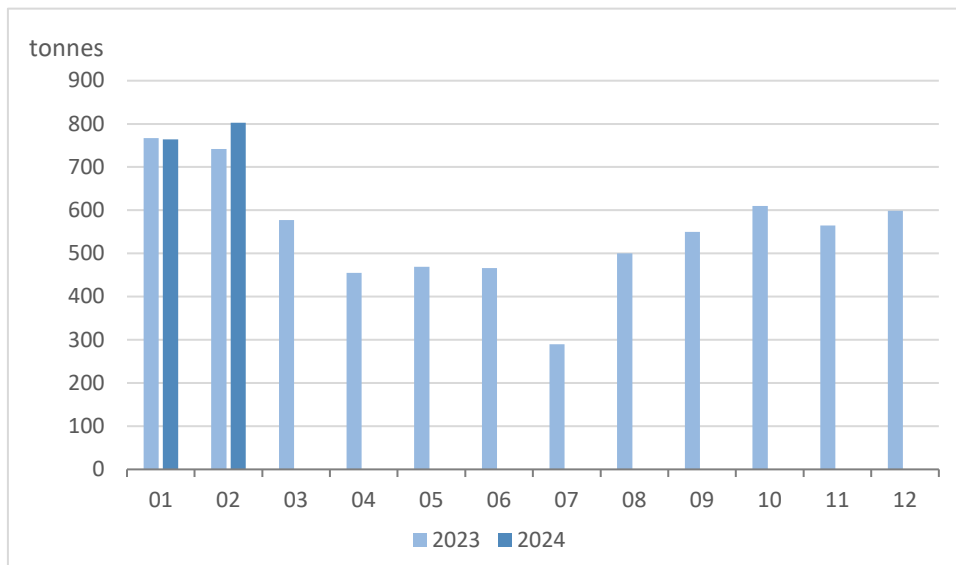


Chart 2. Manufacture production of hand tools of a kind used in agriculture, horticulture or forestry



**SOLD PRODUCTION**

**In February 2024 in comparison to February 2023** production increased of e.g. phosphatic fertilizers (by 95.5%), needles, catheters, cannulae and the like used in medical sciences (excluding tubular metal needles and needles for sutures) (by 76.4%), footwear (including waterproof footwear), incorporating a protective metal toecap, with outer soles and uppers of rubber or of plastics (by 75.7%), glues (by 74.2%), buckwheat groats and meal (by 72.5%).

Compared with the corresponding month of the previous year, production decrease was recorded for, among others: paints and varnishes, based on acrylic or vinyl polymers, weight of the solvent more than 50% (by 60.0%), loaders for general use in agriculture (by 59.5%), machinery for construction, road and drainage work (by 56.0%), rectified spirit (ethyl alcohol) (by 55.2%), welded grill, netting and fencing manufactured from wire of a diameter of < 3 mm (by 53.3%).

In comparison with the corresponding month of the previous year, production of ceramic tiles and flags was at the same level.

**Compared to January 2024, in February 2024** sold production increase was recorded for 165 products, among others for: pick-up straw and fodder balers (by 76.1%), nitrogenous fertilizers (by 74.7%), sodium hydroxide in aqueous solution (by 73.9%), cement (by 73.7%), potassic fertilizers (by 71.9%), sulphuric acid (by 71.1%), women's or girls' blouses and shirts, not knitted (by 70.9%).

Compared with the previous month, production decreased for 141 products, among others for: distilled ethyl alcohol (by 55.2%), structural-floor clay hollow bricks (by 45.2%), men's or boys' suits and ensembles, not knitted (by 35.0%), electric conductors, for a voltage  $\leq 1\ 000$  V, fitted with connectors (by 32.7%), food cans of tinsplate (by 31.4%), rectified spirit (ethyl alcohol) (by 30.7%).

**In January - February compared with the corresponding period of the previous year**, production increase was recorded for 155 products, among others for: non-refractory clay building bricks (by 81.0%), structural-wall clay hollow bricks (by 80.6%), glues (by 79.9%), dried fruit (excluding grapes); mixtures of dried nuts and/or dried fruits (by 71.4%), nitrogenous fertilizers (by 46.2%). In January - February compared with the corresponding period of the previous year, production decrease was recorded for 147 products, among others for: machinery for construction, road and drainage work (by 58.7%), veneers (by 54.4%), electric conductors, for a voltage  $\leq 1\ 000$  V, fitted with connectors (by 54.4%), first-aid boxes and kits (by 54.1%), welded grill, netting and fencing manufactured from wire of a diameter of < 3 mm (by 54.1%), ploughs (by 53.4%).

## 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

[https://stat.gov.pl/Klasyfikacje/doc/prodpol/opis\\_mc2024.html](https://stat.gov.pl/Klasyfikacje/doc/prodpol/opis_mc2024.html).

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.