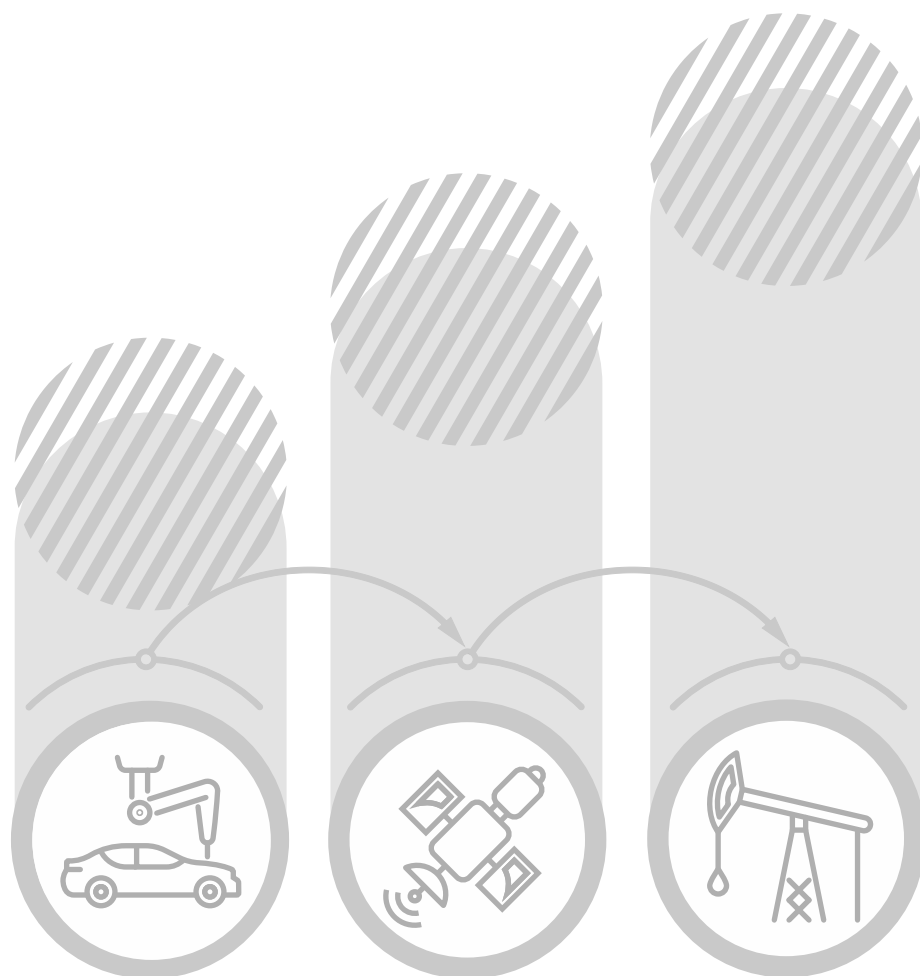






Production of industrial products in 2024

Content-related works

Statistics Poland, Enterprises Department

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Preface

Poland is one of the largest industrial producers in the European Union, ranking fifth in terms of the production of industrial products classified as 'Mining and quarrying products' and 'Manufactured products' according to the Polish Classification of Products and Services (PKWiU 2015).

This publication contains data on the production of major products or assortment groups of products, collected in the annual survey on industrial products carried out in line with the requirements of the EU industrial production survey PRODCOM. It presents the manufactured production of selected industrial products in 2024, expressed in physical units of measurement, and its changes in relation to the previous year. The volume and value of sold production, i.e. the same data that is transferred to Eurostat in the framework of PRODCOM, has also been taken into account while making this publication.

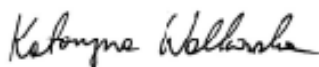
Additionally, we present historical data on manufactured production of major industrial products in the years 2000 and 2005–2023, maintaining consistency in the time series. The presented products have been selected in such a way as to correspond with the needs of a wide range of users, including government administration, associations of producers and associations of employers and scientific institutions.

We would like to encourage you to use the full range of data available in the attached tables, as well as to access Statistics Poland's databases, e.g. the [Knowledge Databases](#). We would also like to thank all the respondents who participated in the annual survey on the production of industrial products – it is thanks to you that this publication was possible.

We hope that the data presented in this publication will be a valuable source of information on the production of the most important industrial products in Poland. We would greatly appreciate any comments and suggestions related to the subject and structure of this publication, as they would enable us to enhance its contents and better adapt the future editions to the needs of our readers.

Director

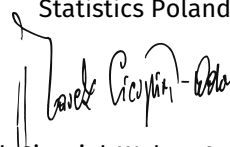
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Warsaw, July 2025

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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
GT	gross tonnage
km	kilometre
m ²	square metre
m ³	cubic metre
dam ³	cubic decametre
hm ³	cubic hectometre
pa	number of pairs
p/st	number of items
l	litre
hl 10%	hectolitre pure (10%) acetic acide
hl alc 100%	hectolitre pure (100%) alcohol
MW	megawatt
MVA	megavolt-ampere
GWh	gigawatt-hour
TJ	terajoule
PJ	petajoule
Cl	chlorine
Cu	copper

Symbol	Description
F	fluorine
N	nitrogen
S	sulphur
K ₂ O	potassium oxide
P ₂ O ₅	phosphorus pentoxide (phosphoric anhydride)
TiO ₂	titanium dioxide
NaOH	sodium hydroxide (caustic soda)
NH ₃	ammonia
HCl	hydrogen chloride
H ₂ SO ₄	sulfuric acid
HNO ₃	nitric acid
CH ₃ OH	methanol
C ₄ H ₉ OH	butanol
C ₆ H ₅ OH	phenol
CH ₃ COOH	acetic acid

Introduction

The survey of production of industrial products in physical units of measure complements the survey of sold production of industry, and allows for assessment of development trends of domestic production. The publication contains data on manufactured and sold production in Poland in 2023 for more than 700 products or assortment groups representing major branches of industrial production. For selected products, a retrospection of data on production manufactured in 2000 and in the years 2005-2024 is presented. In addition, value of sold production of own products by manufacturers for the years 2022-2024 is presented, by division, group and class of the Polish Classification of Goods and Services (PKWiU).

Presented results of the survey are based on data reported by manufacturers of industrial products regardless of their type of business activity, with more than 9 persons employed. The data were collected as part of the annual survey carried out on P-01 form "Questionnaire on production".

According to the revision policy of statistical data, the annual data on production of industrial products may be subject to revision even in the long term due to the specificity of the industrial products survey related mainly to the difficulties in classifying certain products to relevant headings of PKWiU/PRODPOL by producers.

Products or assortment groups are presented according to the PRODPOL nomenclature based on PKWiU 2015 and the European PRODCOM List. In some cases, products are presented according to additional groupings – aggregates of selected items of PRODPOL nomenclature.

Executive summary

Sold production of industrial products

The value of sold production by manufacturers of own products classified in the sections: Products of Mining and Quarrying and Manufactured Products in 2024 amounted to PLN 1 712.0 billion and decreased in relation to the previous year by 4.5 %.

Compared to 2023, the value of sold production decreased in most of the divisions covered by survey. The declines in production occurred in the following divisions: Hard Coal and Lignite (32.8%), Electrical Equipment (by 19.4%), Leather and Leather Products (11.4%), Products of Wood, Cork, Straw and Plaiting Materials (9.5% each). The largest increases in sold production were recorded in the following divisions: Tobacco Products (by 16.2%) and Wearing apparel (by 4.8%).

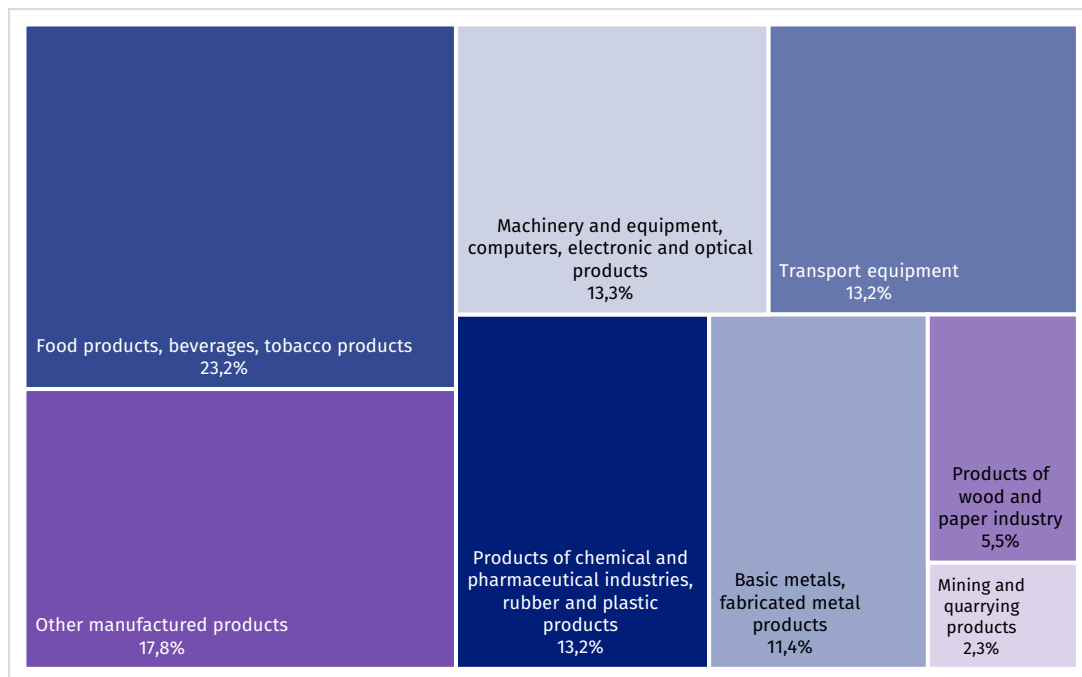
At the level of classes, in 2024 the largest increase in the value of sold production in comparison to the previous year was recorded for: Manufacture of computers and peripheral equipment (by 70.1%), Manufacture of cocoa, chocolate and sugar confectionery (by 40.7%), Building of ships and floating structures (by 32.1%), Ice cream (by 28.7%), Wiring devices (by 26.9%), Jewellery and related articles (by 23.0%), Other wearing apparel and accessories (by 21.9%).

A decrease in the value of sold production at class level was recorded, among others, for the following headings: Musical instruments (by 36.5%), Cold drawing of bars (by 34.8%), Ceramic sanitary fixtures (by 32.6%), Non-electric domestic appliances (by 31.6%), Basic pharmaceutical products (by 28.2%), Agricultural and forestry machinery (by 26.1%), Man-made fibres (by 22.2%), Metal forming machinery (by 22.1%).

In 2024, the following divisions had the largest share in the total value of sold production of products: Food products – 19.3%, Motor vehicles, trailers and semi-trailers – 11.4%, Electrical equipment – 6.9%, Rubber and plastic products – 6.6%, Metals – 5.8%, Fabricated metal products, except machinery and equipment – 5.6%, Chemicals and chemical products – 5.6%. The lowest share in the total value of sold production was among others in the divisions Wearing apparel and Leather and leather products.

In 2024, Mazowieckie Voivodeship has the largest share in the value of sold production of products at country level (21.9% of total sold production). Second largest share is Śląskie Voivodeship (14.5% of total sold production) and the third is Wielkopolskie Voivodeship (12.0%). Enterprises from Mazowieckie Voivodeship have the largest share in the value of sold production of products in the following divisions: Crude petroleum and natural gas; Coke, briquettes and similar solid fuels manufactured from coal and peat and refined petroleum products; Computers, electronic and optical products; Basic pharmaceutical products, medicaments and other pharmaceutical preparations; Printing and reproduction services of recorded media; Food products. Śląskie Voivodeship has the largest share in the following divisions: Hard coal and lignite; Basic metals; Motor vehicles, trailers and semi-trailers. Wielkopolskie Voivodeship has the largest share in the value of sold production of products in the divisions: Furniture; Beverages; Textiles.

Chart 1. Share in the value of sold production in 2024, by groups of divisions of the Polish Classification of Goods and Services (PKWiU)



The following were among the products with largest value of sold production according to PRODCOM List: other parts and accessories, n.e.c., for vehicles of HS 8701 to 8705; vehicle compression-ignition internal combustion piston engines (diesel or semi-diesel) (excluding for railway or tramway rolling stock and wheeled agricultural or forestry tractors); fresh or chilled cuts of chicken; other television receivers, whether or not combined with radio-broadcast receivers or sound or video recording or reproduction apparatus n.e.c.; plastic doors, windows and their frames and thresholds for doors; structures and parts of structures of iron or steel, n.e.c. (e.g. weirs, sluices, landing stages and other maritime and waterway structures); sausages and similar products of meat, offal, blood or insects and food preparations based thereon (excluding liver sausages and prepared meals and dishes); cartons, boxes and cases, of corrugated paper or paperboard; parts and accessories of bodies (including cabs and windows), n.e.c.; wooden furniture for the dining-room and living-room (excluding floor standing mirrors, seats); fresh bread containing by weight in the dry matter state ≤ 5% of sugars and ≤ 5% of fat (excluding with added honey, eggs, cheese or fruit); copper wire, refined (transv. section > 6 mm), of copper alloy; unwrought unalloyed refined copper (excluding rolled, extruded or forged sintered products); preparations used for poultry feeding (excluding premixtures).

Manufactured production of industrial products

Out of 737 presented products and assortment groups of products, increase in manufactured production was noted for 387 items, among others for: white chocolate (by 99.0%), buckwheat groats (by 80.1%), glues based on synthetic resins (by 52.1%), assembled parquet panels of wood for mosaic floors (by 47.7%), panty hose and tights (by 42.7%), mixing valves for baths of brass (by 41.6%), canned pork, beef, veal meat, including shoulders and hams and canned edible meat

offal (by 37.6%), primary cells and primary batteries (by 36.3%), wire of stainless (by 35.7%), tourist/city bikes (by 35.3%), lifts (by 34.2%), propylene (by 31.1%), automatic drying machines, of a dry linen capacity not exceeding 10 kg (by 31.1%), polyamides (by 30.4%), smoked fish (by 30.3%), ice cream (by 30.0%), aluminium plates, sheets and strip, of a thickness > 0,2 mm (by 28.9%), essential oils (by 28.0%), radiators, not electrically heated, and parts thereof of steel (by 26.2%), structural-wall clay hollow bricks (by 25.4%), pig iron (by 24.0%), men's or boys' jackets and blazers not knitted or crocheted (by 23.4%), bricks made of clay (by 22.8%), building blocks of light concrete (by 22.7%), freezers (by 20.8%), frozen vegetables (by 20.3%).

Decrease in manufactured production was noted for 348 products including, among others: needle roller bearing (by 66.8%), printed newspapers, journals and periodicals, appearing at least four times a week (by 66.5%), medical, surgical or laboratory sterilizers (by 63.2%), machines for mixing mineral substances with bitumen (by 60.0%), self-loading or unloading trailers and semi-trailers for agriculture (by 59.5%), structural-floor clay hollow bricks (by 58.3%), aeroplanes for civil use (by 55.6%), compression ignition engines for industrial use (by 54.7%), fixed capacitors (by 50.6%), numerically controlled machine tools (by 47.0%), women's or girls' suits and ensembles, knitted or crocheted (by 46.8%), toilet and kitchen linen (by 45.9%), women's or girls' suits and ensembles, not knitted or crocheted (by 44.8%), electricity meters (by 42.9%), multi-phase alternating current motors (by 42.7%), transformers (by 42.2%), cured poultry meat (by 41.9%), overhead travelling cranes on fixed support (by 41.3%), unwrought aluminium for blocking, technically pure (by 40.1%), casting moulds (by 37.7%), harrows excluding disc harrows (by 37.6%), men's or boys' trousers, overalls, breeches and shorts, not knitted or crocheted (by 37.2%), milling machines (by 35.6%), yarn of synthetic staple fibres, not packaged for retail sale (by 32.4%), canned poultry meat (by 21.7%).

Methodological notes

The data were compiled on the basis of a annual survey of production of industrial products on the P-01 form "Questionnaire on production ". In case of electricity and thermal energy from steam or hot water, the data are derived from specialist surveys conducted by Ministry of Climate and Environment and Energy Regulatory Office. The survey of the production of industrial products is carried out in accordance with the requirements of the Community industrial production survey PRODCOM.

Data are collected according to groupings indicated in the PRODPOL nomenclature for annual 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. For longer time series, the data has been obtained thanks to the use of keys between PRODPOL nomenclatures used for subsequent reporting years.

1. Subject and scope of the study

The annual survey covers legal entities, organizational units without legal personality (excluding budgetary units and establishments) and natural persons conducting business activities, with 10 or more persons employed. The survey also covers entities with 9 or less persons employed producing pellets and briquettes of pressed and agglomerated wood and of wood waste and scrap. Units producing electricity and thermal energy from steam or hot water 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 customer, as of the end of the reporting year; the processing or modification of a purchased product, which did not change the characteristics of its use and purpose, is not considered as production,
- quantity and value of output sold of own production or output outsourced to another enterprise from materials provided by it, which were sold outside the enterprise.

Sold production value of products at current prices without VAT includes:

- received and due amounts for sold during the year - outside the enterprise - own finished products, semi-finished products and parts of own production, resulting from multiplying

- the number of sold products, semi-finished products and parts by unit sales price, adjusted for due subsidies, rebates, discounts or contractual amounts due for sales,
- the value of products not included in the sale, treated equally with sales, i.e. the value of own products transferred to own retail outlets, as well as to its own catering establishments and its own warehouses,
- value of manufactured goods, treated equally with sales, i.e. products transferred free of charge to the social fund and own investments, for the purposes of representation and advertising, personal needs of the taxpayer and employees, and donations of products and services without payment.

The amount of production of industrial products is expressed in physical units of measurement. 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 three, four, five and 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

[Nomenklatura PRRODPOL do badania rocznego za 2024 r.](#)

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 (PLN).

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.

The annual data on the production of industrial products may be reviewed three times a year for a period of four years after the end of the reporting year. In exceptional cases, the data may be subject to revision in the long term, due to the specificity of the survey on production of industrial products related to the difficulties in classifying certain products to the relevant groupings of PKWiU / PRODPOL.

2. Main definitions

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 individual 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.

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 goods 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.

PRODCOM – the European Community industrial production survey, which provides information on the production of products manufactured by enterprises located on the territory of each country. It is carried out on the basis of an annually updated PRODCOM List, including products from the sections of mining and quarrying products and products of industrial processing, from which energy resources, coke from coal as well as fuels and oils obtained from crude oil are excluded. The source of PRODCOM data are surveys carried out by individual Member States of the European Union. These surveys are designed to provide comparable results at European level. The survey covers annual periods and covers a slightly narrower range of products than the survey on the production of industrial products conducted in Poland.