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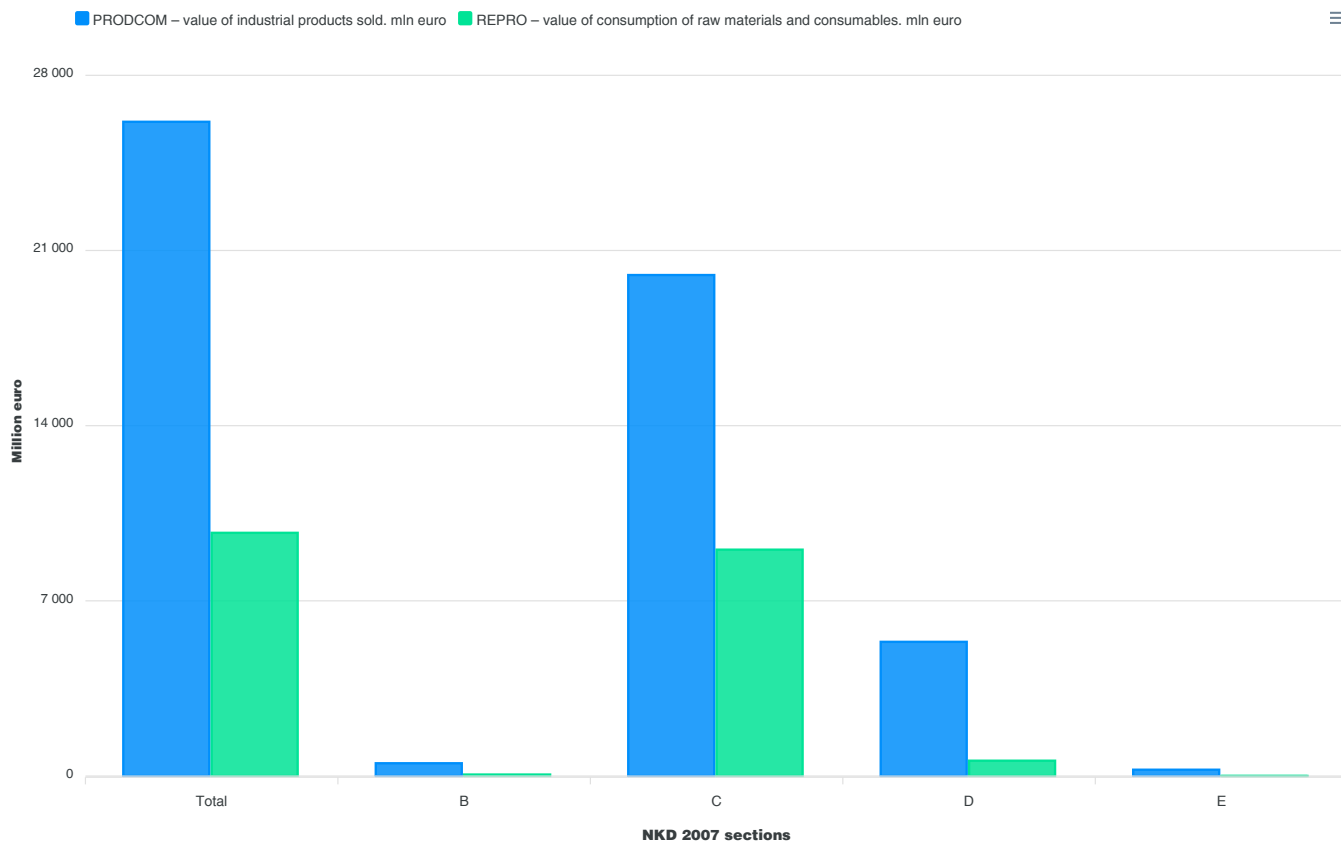


RAW MATERIALS INPUTS IN INDUSTRIAL PRODUCTION, 2024 – PROVISIONAL DATA

In 2024, the total value of consumed raw materials and consumables used as inputs in the industrial production process in enterprises engaged in industrial production in the Republic of Croatia amounted to **9 718 million euro** according to the coverage of the Annual Survey on Raw Material Consumption in Industry for 2024. According to the results of the PRODCOM Survey on Industrial Production in 2024¹⁾, as compared to the total value of industrial products sold (output), out of a total of **26 143 million euro** generated by the same enterprises, the value of raw materials and consumables used as inputs in that industrial production had a share of **37.2%** in the output value of industry. In other words, the total value of industrial products sold generated by enterprises in 2024 was higher by **16 425 million euro (62.8%)** than the expenditure for consumed raw materials and consumables used as input in that production, according to a rough input-output balance calculation.

1) See the Commentary and the Notes on Methodology in the First Release IND-2025-5-2 Production and Sale of Industrial Products (PRODCOM), 2024.

G-1 COMPARISON OF VALUES OF CONSUMED RAW MATERIALS AND CONSUMABLES AS INPUTS AND INDUSTRIAL PRODUCTS SOLD, 2024



According to the industrial sections of the NKD 2007, the highest value of consumed raw materials and consumables used as inputs in the industrial production in 2024 was recorded in section C Manufacturing, **9 045 million euro**, followed by section D Electricity, gas, steam and air conditioning supply, **612 million euro**, and section B Mining and quarrying, **59 million euro**, while the lowest value was recorded in section E Water supply; sewerage, waste management and remediation activities, **2 million euro**.

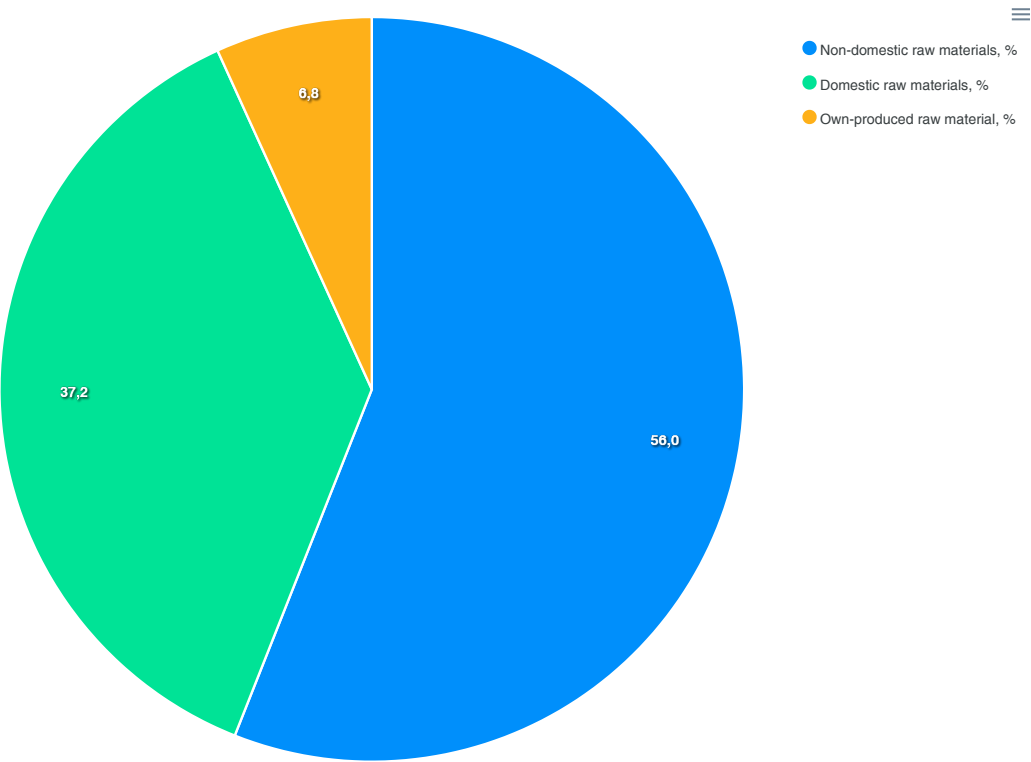
Comparing the consumption by the NKD 2007 industrial divisions (05 – 36), the highest value of consumed raw materials and consumables was generated in division 10 Manufacture of food products (**1 935 million euro**) and in division 19 Manufacture of coke and refined petroleum products (**1 445 million euro**), while the lowest value of consumed raw materials was generated in division 36 Water collection, treatment and supply (**2 million euro**).

The analysis of the value of raw materials and consumables used as inputs in the industrial production in 2024 by origin of raw materials and consumables showed that there were 6.8% (660 million euro) of raw materials and consumables consumed from own-production, while 93.2% (9 058 million euro) was purchased on the market from third parties, out of which 37.2% (3 615 million euro) was purchased on domestic market and 56.0% (5 444 million euro) on non-domestic market (import).

The greatest value of consumption of raw materials and consumables in the Republic of Croatia in 2024 was recorded in the City of Zagreb, 2 015 million euro, and in the County of Primorje-Gorski Kotar, 1 671 million euro. The lowest value of consumption of raw materials and consumables for industrial production purposes in 2024 was generated in the County of Dubrovnik-Neretva, 17 million euro, and in the County of Lika-Senj, 29 million euro.

Data on the value of consumed raw materials and consumables for purposes of the industrial production in 2024 were compiled by the processing of the Annual Survey on Raw Materials and Energy Consumption in Industry for 2024 (IND-21/REPRO form), which covered 2 808 industrial local units belonging to legal entities and tradesmen employing 10 and more persons. It should be noted in particular that the REPRO Survey for 2024 had exactly the same coverage as the already mentioned Annual PRODCOM Survey on Industrial Production for 2024 in order to achieve the comparability and consistency of data for the input-output analysis at the level of products/raw materials.

G-2 STRUCTURE OF VALUE OF CONSUMED RAW MATERIALS AND CONSUMABLES, BY ORIGIN, 2024

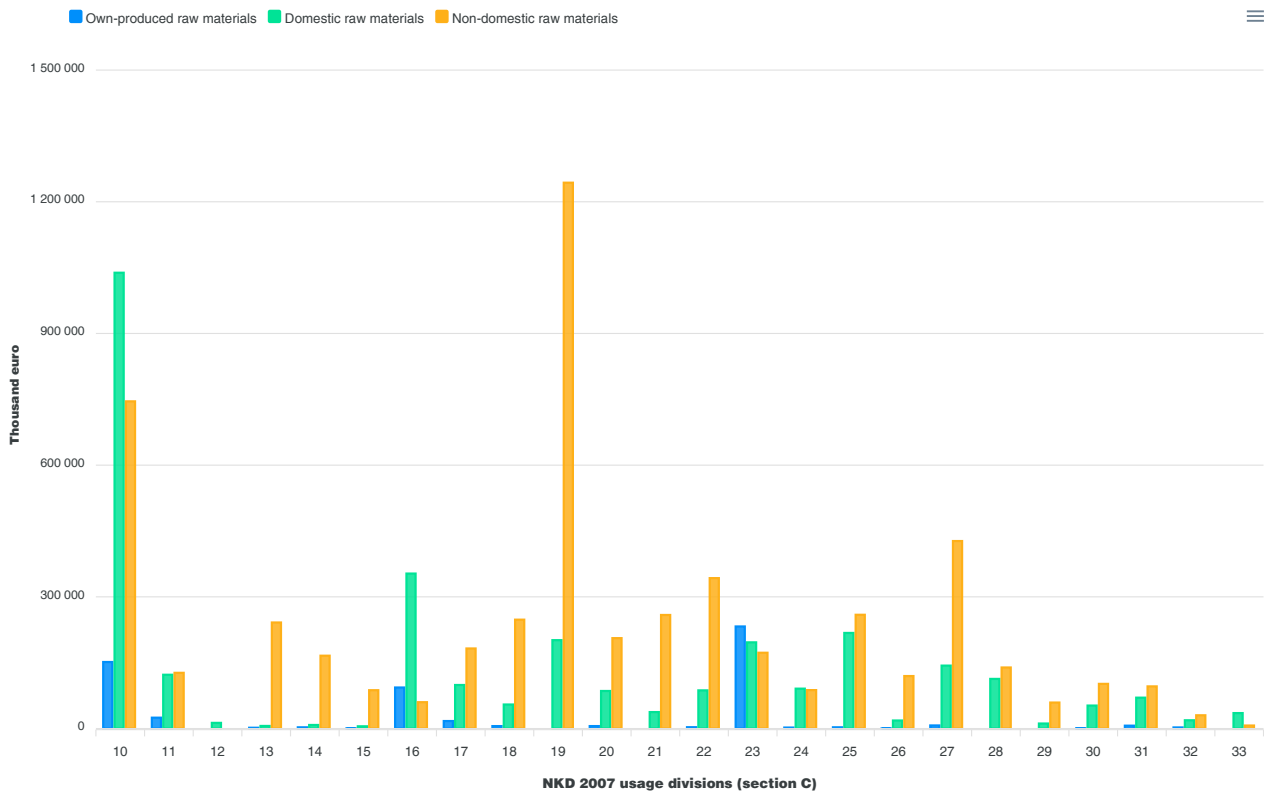


1 VALUE OF CONSUMED RAW MATERIALS AND CONSUMABLES FOR INDUSTRIAL
PRODUCTION PURPOSES, ACCORDING TO USAGE IN INDUSTRIAL NKD 2007 SECTIONS AND
DIVISIONS, 2024

Thousand euro

| | Value of consumed raw materials and consumables, according to NRM1 2016 | | | | |
|--|---|----------------------------|---|---------------------|-------------------------|
| | Total | Own-produced raw materials | Purchased on markets from third parties | | |
| | | | Total on market | On domestic markets | On non-domestic markets |
| Republic of Croatia | 9 718 083 | 659 585 | 9 058 498 | 3 614 848 | 5 443 650 |
| B Mining and quarrying | 59 272 | 46 067 | 13 205 | 13 144 | 61 |
| 08 Other mining and quarrying | 57 493 | 45 625 | 11 868 | 11 807 | 61 |
| 09 Mining support service activities | 1 779 | 442 | 1 337 | 1 337 | - |
| C Manufacturing | 9 045 496 | 560 102 | 8 485 394 | 3 078 533 | 5 406 861 |
| 10 Manufacture of food products | 1 935 176 | 151 532 | 1 783 644 | 1 038 336 | 745 308 |
| 11 Manufacture of beverages | 274 163 | 24 723 | 249 440 | 122 523 | 126 917 |
| 12 Manufacture of tobacco products | 12 892 | - | 12 892 | 12 892 | - |
| 13 Manufacture of textiles | 249 210 | 1 800 | 247 410 | 5 875 | 241 535 |
| 14 Manufacture of wearing apparel | 176 743 | 2 754 | 173 989 | 8 096 | 165 893 |
| 15 Manufacture of leather and related products | 92 722 | 335 | 92 387 | 5 087 | 87 300 |
| 16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 506 451 | 93 446 | 413 005 | 353 014 | 59 991 |
| 17 Manufacture of paper and paper products | 298 605 | 17 065 | 281 540 | 99 177 | 182 363 |
| 18 Printing and reproduction of recorded media | 308 240 | 5 542 | 302 698 | 54 712 | 247 986 |
| 19 Manufacture of coke and refined petroleum products | 1 444 740 | - | 1 444 740 | 201 314 | 1 243 426 |
| 20 Manufacture of chemicals and chemical products | 297 009 | 5 578 | 291 431 | 85 521 | 205 910 |
| 21 Manufacture of basic pharmaceutical products and pharmaceutical preparations | 296 155 | - | 296 155 | 37 476 | 258 679 |
| 22 Manufacture of rubber and plastic products | 432 585 | 3 025 | 429 560 | 86 933 | 342 627 |
| 23 Manufacture of other non-metallic mineral products | 601 461 | 232 490 | 368 971 | 196 318 | 172 653 |
| 24 Manufacture of basic metals | 180 570 | 2 209 | 178 361 | 90 843 | 87 518 |
| 25 Manufacture of fabricated metal products, except machinery and equipment | 479 707 | 2 806 | 476 901 | 217 754 | 259 147 |
| 26 Manufacture of computer, electronic and optical products | 137 964 | 173 | 137 791 | 18 257 | 119 534 |
| 27 Manufacture of electrical equipment | 577 438 | 7 010 | 570 428 | 143 320 | 427 108 |
| 28 Manufacture of machinery and equipment n. e. c. | 252 083 | - | 252 083 | 113 045 | 139 038 |
| 29 Manufacture of motor vehicles, trailers and semi-trailers | 70 565 | - | 70 565 | 11 398 | 59 167 |
| 30 Manufacture of other transport equipment | 154 682 | 623 | 154 059 | 52 314 | 101 745 |
| 31 Manufacture of furniture | 172 832 | 6 510 | 166 322 | 70 322 | 96 000 |
| 32 Other manufacturing | 51 490 | 2 481 | 49 009 | 18 823 | 30 186 |
| 33 Repair and installation of machinery and equipment | 42 013 | - | 42 013 | 35 183 | 6 830 |
| D Electricity, gas, steam and air conditioning supply | 611 601 | 53 416 | 558 185 | 521 640 | 36 545 |
| 35 Electricity, gas, steam and air conditioning supply | 611 601 | 53 416 | 558 185 | 521 640 | 36 545 |
| E Water supply; sewerage, waste management and remediation activities | 1 714 | - | 1 714 | 1 531 | 183 |
| 36 Water collection, treatment and supply | 1 714 | - | 1 714 | 1 531 | 183 |

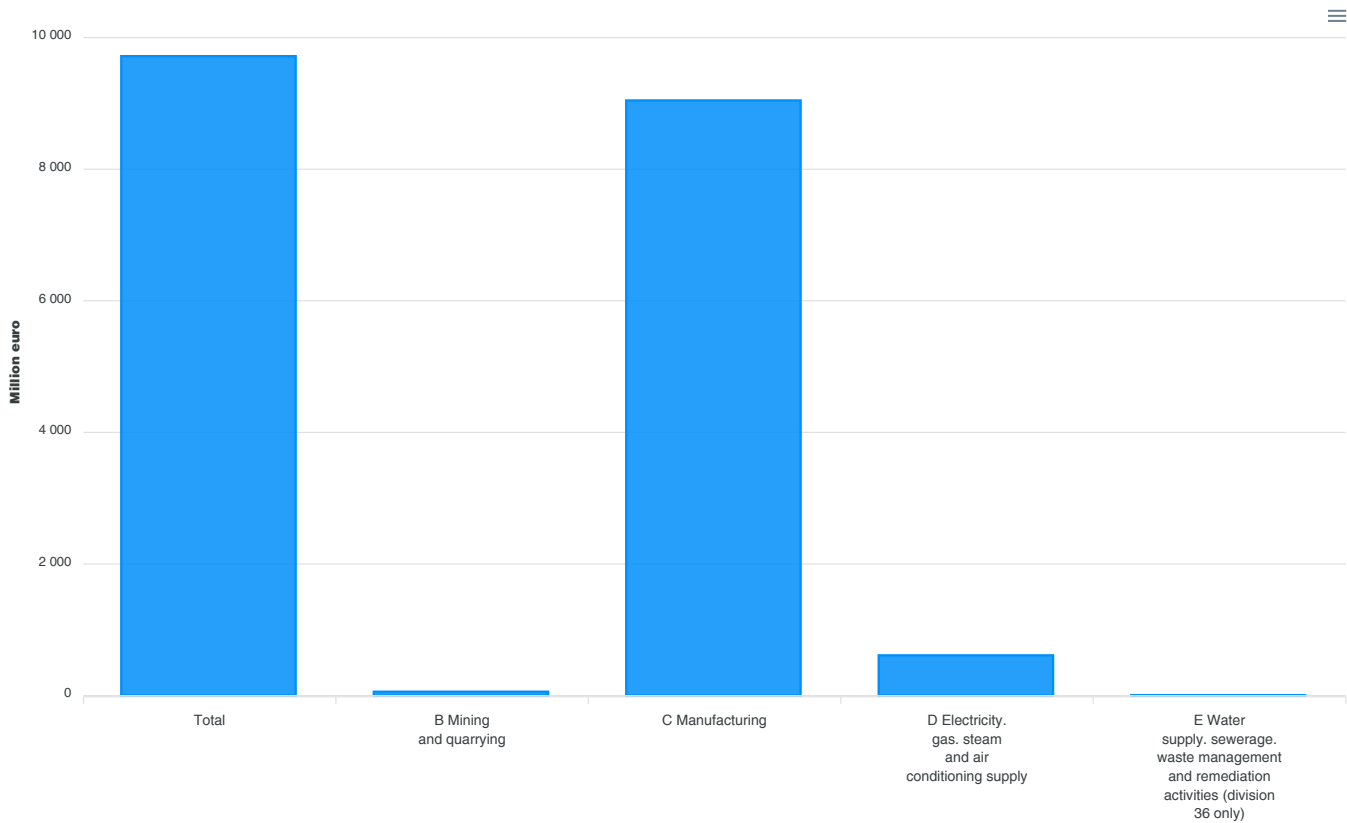
G-3 VALUE OF CONSUMED RAW MATERIALS AND CONSUMABLES, ACCORDING TO NKD 2007 USAGE DIVISIONS (C SECTION) AND BY ORIGIN, 2024



Section C Manufacturing

- 10 Manufacture of food products
- 11 Manufacture of beverages
- 12 Manufacture of tobacco products
- 13 Manufacture of textiles
- 14 Manufacture of wearing apparel
- 15 Manufacture of leather and related products
- 16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials
- 17 Manufacture of paper and paper products
- 18 Printing and reproduction of recorded media
- 19 Manufacture of coke and refined petroleum products
- 20 Manufacture of chemicals and chemical products
- 21 Manufacture of basic pharmaceutical products and pharmaceutical preparations
- 22 Manufacture of rubber and plastic products
- 23 Manufacture of other non-metallic mineral products
- 24 Manufacture of basic metals
- 25 Manufacture of fabricated metal products, except machinery and equipment
- 26 Manufacture of computer, electronic and optical products
- 27 Manufacture of electrical equipment
- 28 Manufacture of machinery and equipment n. e. c.
- 29 Manufacture of motor vehicles, trailers and semi-trailers
- 30 Manufacture of other transport equipment
- 31 Manufacture of furniture
- 32 Other manufacturing
- 33 Repair and installation of machinery and equipment

G-4 VALUE OF CONSUMED RAW MATERIALS AND CONSUMABLES (INPUT) FOR INDUSTRIAL PRODUCTION PURPOSES, ACCORDING TO NKD 2007 SECTIONS, 2024

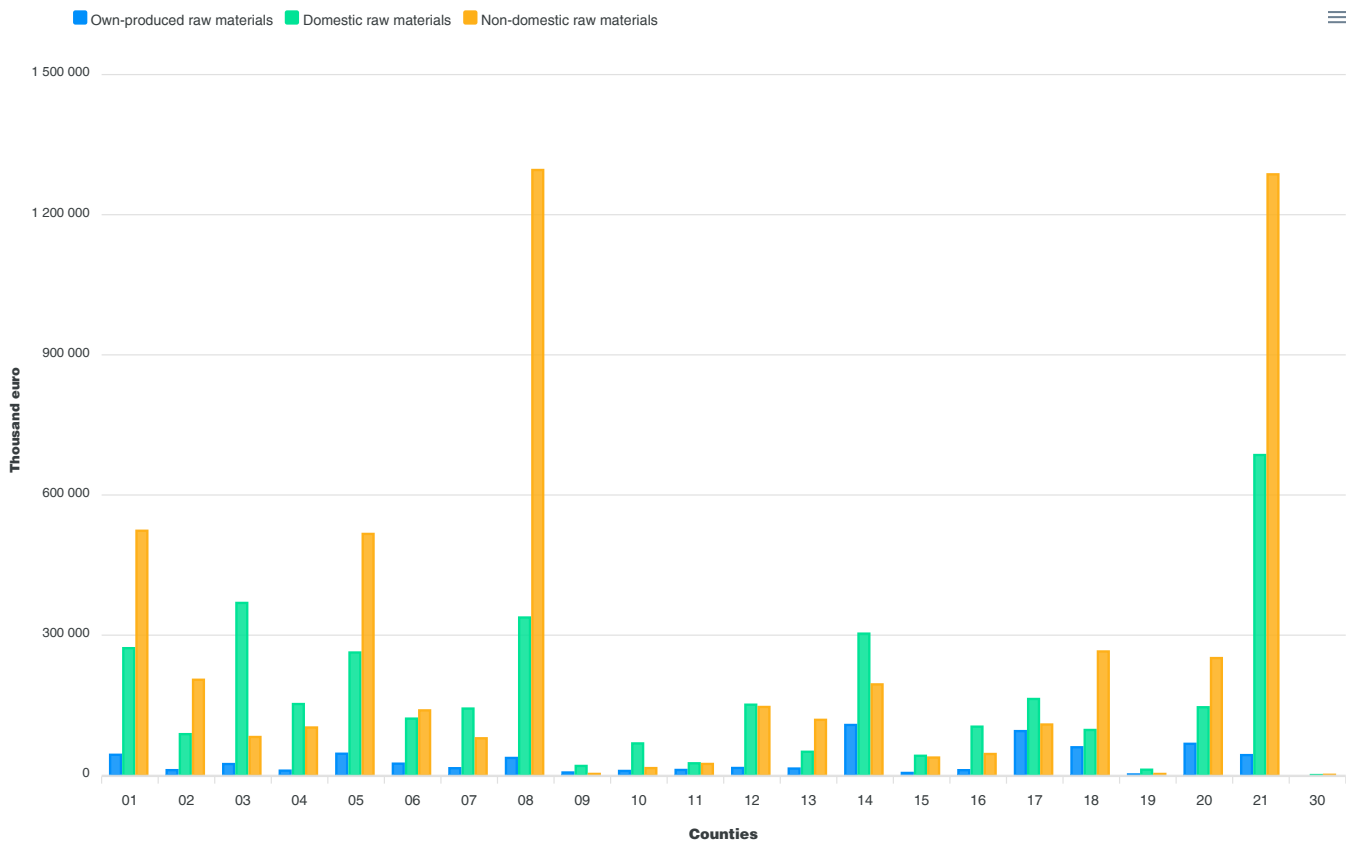


2 VALUE OF CONSUMED RAW MATERIALS AND CONSUMABLES FOR INDUSTRIAL PRODUCTION PURPOSES, ACCORDING TO USAGE IN INDUSTRIAL NKD 2007 SECTIONS AND DIVISIONS, BY COUNTIES, 2024

Thousand euro

| County of | Value of consumed raw materials and consumables, according to NRMI 2016 | | | | |
|-------------------------|---|----------------------------|---|---------------------|-------------------------|
| | Total | Own-produced raw materials | Purchased on markets from third parties | | |
| | | | Total on market | On domestic markets | On non-domestic markets |
| Republic of Croatia | 9 718 083 | 659 585 | 9 058 498 | 3 614 848 | 5 443 650 |
| Zagreb | 839 487 | 43 906 | 795 581 | 272 117 | 523 464 |
| Krapina-Zagorje | 303 557 | 10 983 | 292 574 | 88 078 | 204 496 |
| Sisak-Moslavina | 475 068 | 24 071 | 450 997 | 369 000 | 81 997 |
| Karlovac | 264 738 | 9 926 | 254 812 | 152 528 | 102 284 |
| Varaždin | 825 650 | 46 148 | 779 502 | 262 812 | 516 690 |
| Koprivnica-Križevci | 285 103 | 24 881 | 260 222 | 121 283 | 138 939 |
| Bjelovar-Bilogora | 237 170 | 15 146 | 222 024 | 142 812 | 79 212 |
| Primorje-Gorski Kotar | 1 670 610 | 37 132 | 1 633 478 | 337 724 | 1 295 754 |
| Lika-Senj | 28 975 | 5 971 | 23 004 | 20 034 | 2 970 |
| Virovitica-Podravina | 92 953 | 9 322 | 83 631 | 68 230 | 15 401 |
| Požega-Slavonia | 61 387 | 11 423 | 49 964 | 25 676 | 24 288 |
| Slavonski Brod-Posavina | 313 044 | 15 654 | 297 390 | 151 123 | 146 267 |
| Zadar | 183 446 | 14 399 | 169 047 | 50 333 | 118 714 |
| Osijek-Baranja | 605 538 | 107 721 | 497 817 | 303 245 | 194 572 |
| Šibenik-Knin | 84 732 | 5 028 | 79 704 | 41 751 | 37 953 |
| Vukovar-Srijem | 160 588 | 10 913 | 149 675 | 104 093 | 45 582 |
| Split-Dalmatia | 366 632 | 94 590 | 272 042 | 163 362 | 108 680 |
| Istria | 422 045 | 59 979 | 362 066 | 97 017 | 265 049 |
| Dubrovnik-Neretva | 16 624 | 1 806 | 14 818 | 11 926 | 2 892 |
| Međimurje | 463 939 | 67 382 | 396 557 | 145 641 | 250 916 |
| City of Zagreb | 2 015 223 | 43 204 | 1 972 019 | 685 575 | 1 286 444 |
| Free zones | 1 574 | - | 1 574 | 488 | 1 086 |

G-5 VALUE OF CONSUMED RAW MATERIALS AND CONSUMABLES, BY COUNTIES AND ORIGIN, 2024



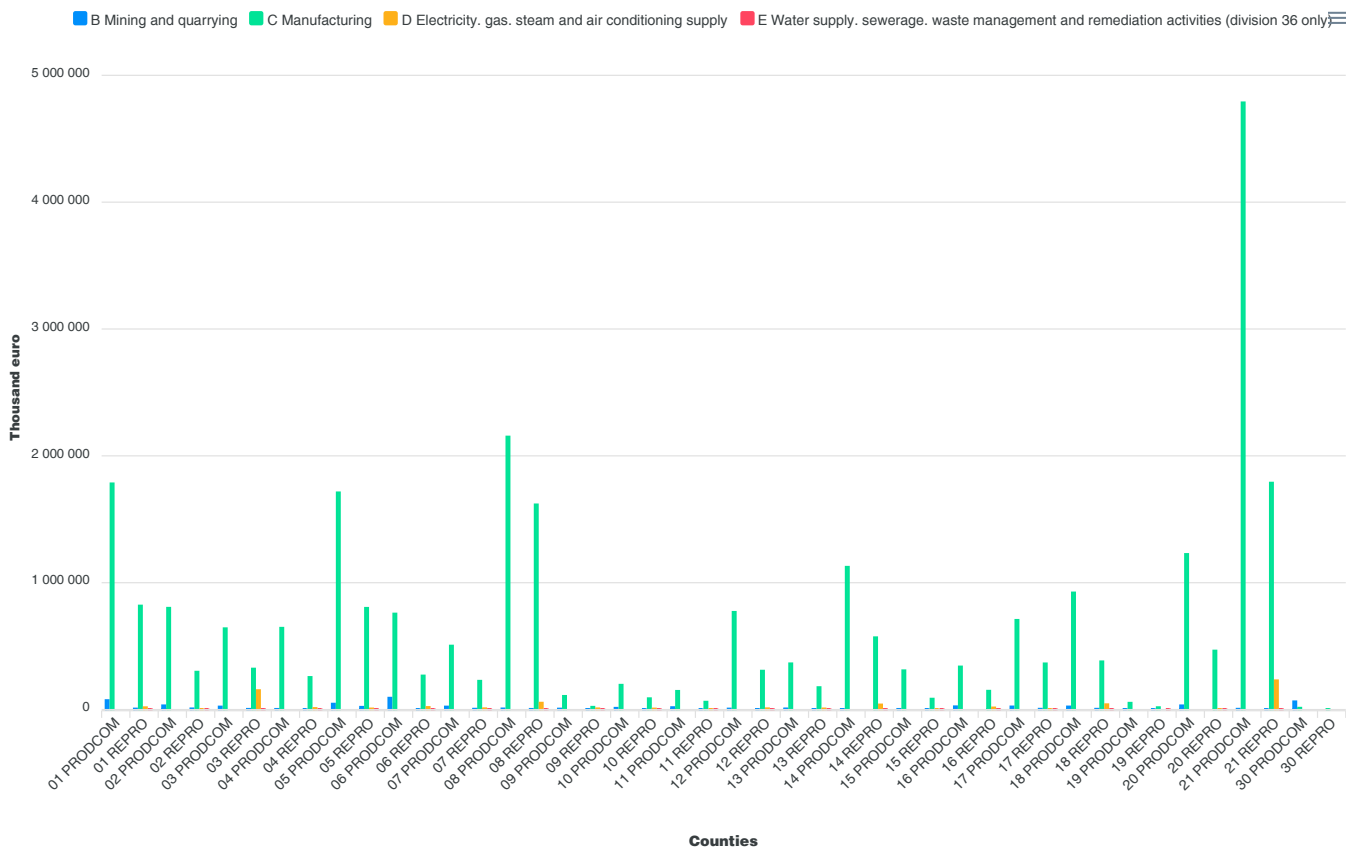
- | | | | | | |
|----|---------------------------------|----|-----------------------------------|----|-----------------------------|
| 01 | County of Zagreb | 09 | County of Lika-Senj | 17 | County of Split-Dalmatia |
| 02 | County of Krapina-Zagorje | 10 | County of Virovitica-Podravina | 18 | County of Istria |
| 03 | County of Sisak-Moslavina | 11 | County of Požega-Slavonija | 19 | County of Dubrovnik-Neretva |
| 04 | County of Karlovac | 12 | County of Slavonski Brod-Posavina | 20 | County of Međimurje |
| 05 | County of Varaždin | 13 | County of Zadar | 21 | City of Zagreb |
| 06 | County of Koprivnica-Križevci | 14 | County of Osijek-Baranja | 30 | Free zones |
| 07 | County of Bjelovar-Bilogora | 15 | County of Šibenik-Knin | | |
| 08 | County of Primorje-Gorski kotar | 16 | County of Vukovar-Srijem | | |

3 MOST IMPORTANT RAW MATERIALS CONSUMED FOR INDUSTRIAL PRODUCTION PURPOSES SELECTED BY VALUE, 2024

Thousand euro

| KPD 2015 codes | KPD 2015 headings | Total | Value of consumed raw materials and consumables | | | |
|----------------|--|-----------|---|---|------------------------|----------------------------|
| | | | Own-produced raw materials | Purchased on markets from third parties | | |
| | | | | Total | Domestic raw materials | Non-domestic raw materials |
| 61010 | Petroleum oils and oils obtained from bituminous minerals, crude | 1 136 154 | - | 1 136 154 | 165 762 | 970 392 |
| 62010 | Natural gas, liquefied or in gaseous state | 523 169 | 23 658 | 499 511 | 499 511 | - |
| 014120 | Raw milk from dairy cattle | 286 109 | 10 564 | 275 545 | 173 920 | 101 625 |
| 022012 | Logs of non-coniferous wood, except tropical wood | 253 880 | 287 | 253 593 | 252 048 | 1 545 |
| 101112 | Meat of swine, fresh or chilled | 203 758 | 18 833 | 184 925 | 67 693 | 117 232 |
| 139510 | Non-wovens and articles made from non-wovens, except apparel | 191 774 | - | 191 774 | 5 | 191 769 |
| 201610 | Polymers of ethylene, in primary forms | 189 115 | 4 723 | 184 392 | 15 574 | 168 818 |
| 235111 | Cement clinkers | 169 788 | 144 558 | 25 230 | 12 984 | 12 246 |
| 244225 | Aluminium foil, of a thickness <= 0.2 mm | 146 097 | - | 146 097 | 28 058 | 118 039 |
| 139119 | Other knitted or crocheted fabrics, including imitation fur by knitting | 114 932 | 1 851 | 113 081 | 372 | 112 709 |
| 235112 | Portland cement, aluminous cement, slag cement and similar hydraulic cements | 104 322 | 29 032 | 75 290 | 67 295 | 7 995 |
| 273211 | Insulated winding wire | 93 961 | - | 93 961 | 26 289 | 67 672 |
| 222219 | Other plastic packing goods | 81 257 | 3 807 | 77 450 | 46 029 | 31 421 |
| 241031 | Flat rolled products of non alloy steel, not further worked than hot rolled, of a width of >= 600 mm | 77 175 | - | 77 175 | 47 099 | 30 076 |
| 383222 | Secondary raw material of ferrous metals | 76 125 | 2 141 | 73 984 | 71 021 | 2 963 |
| 108919 | Miscellaneous food products, n.e.c. | 75 822 | 47 | 75 775 | 25 066 | 50 709 |
| 243411 | Cold drawn wire of non alloy steel | 75 809 | - | 75 809 | 14 404 | 61 405 |
| 231311 | Carboys, bottles, flasks, jars, pots, phials, ampoules and other containers, of glass | 75 660 | - | 75 660 | 45 673 | 29 987 |

G-6 COMPARISON OF TOTAL VALUE OF CONSUMED RAW MATERIALS AND CONSUMABLES (INPUT) WITH TOTAL VALUE OF INDUSTRIAL PRODUCTS SOLD (OUTPUT), ACCORDING TO NKD 2007 SECTIONS AND BY COUNTIES, 2024



| | | | | | |
|----|---------------------------------|----|-----------------------------------|----|-----------------------------|
| 01 | County of Zagreb | 09 | County of Lika-Senj | 17 | County of Split-Dalmatia |
| 02 | County of Krapina-Zagorje | 10 | County of Virovitica-Podravina | 18 | County of Istria |
| 03 | County of Sisak-Moslavina | 11 | County of Požega-Slavonija | 19 | County of Dubrovnik-Neretva |
| 04 | County of Karlovac | 12 | County of Slavonski Brod-Posavina | 20 | County of Međimurje |
| 05 | County of Varaždin | 13 | County of Zadar | 21 | City of Zagreb |
| 06 | County of Koprivnica-Križevci | 14 | County of Osijek-Baranja | 30 | Free zones |
| 07 | County of Bjelovar-Bilogora | 15 | County of Šibenik-Knin | | |
| 08 | County of Primorje-Gorski kotar | 16 | County of Vukovar-Srijem | | |

NOTES ON METHODOLOGY

This First Release comprises first results of the Annual Survey on Raw Material and Energy Consumption in Industry (IND-21/REPRO form) for 2024 (hereinafter referred to as REPRO Survey for 2024). The results were aggregated from data collected at the level of the Nomenclature of Raw Materials and Consumables for Industry – NRMI 2016, which is an integral part of the Statistical Standards for the Annual Survey on Raw Materials and Energy Consumption in Industry (IND-21/REPRO form) for 2024 in the Republic of Croatia. The term "industry" in the entire First Release is defined by four NKD 2007 industrial sections, B, C, D and E (only division 36) (NN, Nos. 58/07 and 72/07 – corr.). This definition of industry is harmonised with the definition used in all branch industrial surveys in the Croatian Bureau of Statistics as well as with the definition used for industry statistics in the European Union.

The legal basis of REPRO Survey

The Annual REPRO Survey for 2024 was carried out by the Croatian Bureau of Statistics on the basis of the Official Statistics Act (NN, Nos. 25/20, 155/23 and 124/25 – corr.) according to the above-mentioned statistical standards. The obligation to provide data is based on Article 35 and Article 38 (paragraph 1) of the Official Statistics Act.

REPRO indicators on consumption of raw materials for industrial production purposes (from PRODCOM)

First results refer to the most recent data on the industrial consumption statistics, which were derived from the annual results of the above-mentioned REPRO Survey for 2024. REPRO results provide detailed information primarily used in the compilation of use tables (inputs) by putting them in relation to PRODCOM results on industrial production sold (output) in order to enable the analysis of commodity flow, within the framework of input-output concepts at the detailed level of raw materials/products (nomenclatures NRMI 2016/NIP 2024).

All data presented here were calculated by aggregation of individual data on consumed raw materials and consumables classified in the NRMI 2016, which is an integral part of the mentioned statistical standards. However, the commentary on the main results of the REPRO Survey for 2024 (Inputs) was shown in comparison with the results of the PRODCOM Survey for 2024 (Outputs) in order to emphasise the purpose and objective of the Survey and provide a common framework with the PRODCOM Survey aimed at enabling the input-output analysis on a harmonised basis (in the area of national accounts).

Table 1 and graph 3 show the main results on the value of consumed raw materials and consumables for industrial production purposes by usage sections (the NKD 2007 industrial section and division level) for the Republic of Croatia in 2024. According to their origin, raw materials and consumables, including services, might be either purchased on markets (domestic or non-domestic) from third parties or might be own-produced intermediate products, but both were calculated in values of purchase prices. The regional review of aggregate data on the value of consumed raw materials and consumables, including services, for industrial production purposes, also expressed in purchase prices, was shown in table 2 and graph 6 at the county level.

Comparability of REPRO data

In the period from 2000 to 2003, the same type of data were collected in natural figures through the Quarterly Survey on Raw Materials and Consumables and Final Energy Consumption in Industry (IND-1K form), and before that, through the joint Monthly Industrial Report (IND-1 form), on the basis of the joint Methodology for Monthly Industrial Report on Industry (IND-1 form), a part of table 2¹⁾ for both above mentioned surveys as well as on the basis of the first version of the Nomenclature of Reproduction Materials of Industry (NRMI 1997), which was an integral part of the above mentioned Methodology. The new Statistical Standards for REPRO Survey are used for collection of data on an annual basis, starting with 2004 as a reporting year, on the basis of the revised versions of NRMI 2004 and NRMI 2008, which are used for the collection of all data on individual raw materials and consumables in industry. Since all three nomenclatures (NRMI 1997, NRMI 2004 and NRMI 2008) are based on the structure of the same reference classification, KPD 1995, KPD 2008²⁾ and KPD 2015²⁾ versions, correspondence tables were drawn up in order to enable data comparability at a certain level, in natural figures (quantities), because earlier they were not collected in value terms.

Coverage and units of REPRO Survey

Reporting units in the REPRO Survey on the Consumption of Raw Materials and Consumables in Industry in 2024 are all trade companies, tradesmen and other legal entities and parts thereof employing 10 and more persons that consumed raw materials and consumables for industrial production purposes within the NKD 2007 industrial sections B, C, D and E (only division 36) in the reporting annual period. Target statistical units are industrial enterprises and local units of industrial and non-industrial enterprises that consumed raw materials and consumables defined in the NRMI 2016 for industrial production purposes recorded in the PRODCOM Survey for 2024, except statistical units or parts thereof that are "physically" situated outside the territory of the Republic of Croatia. In profiling of statistical units – industrial local units – the county principle was taken into account. In cases when the observed unit operates on the territory of several different counties, e.g. in five counties, it is further divided into five local units. The coverage of the REPRO Survey on Raw Materials and Consumables and Energy Consumption in Industry for 2024 (Inputs) is identical to the coverage of the PRODCOM Survey on Industrial Production for 2024 (Outputs) in order to analyse the commodity flow within the framework of input-output concepts in a consistent and comparable way. For this reason, the coverage of reporting and statistical units is defined in the Directory of Industrial Statistical Units, which was established by the Industry, Energy and Information Society Statistics Department, having the same scope, concept and criteria of coverage as the Directory for the PRODCOM Survey.

Concepts and definitions of REPRO Survey

Concepts and definitions used in this REPRO Survey were taken over mostly from the ESA 2010³⁾ as well as from other EU or UN statistical terminology. They provide a further description of some of the terms used in the presentation of REPRO results, but they are not intended to provide definitive meanings of these words, because in other contexts they may have different meanings. They are intended for users of the REPRO results in order to prevent misinterpretation of data.

Nomenclature NRMI, 2016 – 2024

The NRMI 2016 is an integral part of the above-mentioned Statistical Standards for the REPRO Survey, and it can be found in Annex 3. The hierarchically structured Nomenclature of Raw Materials and Consumables, including services, version 2016, is intended for measuring the annual consumption of raw materials and consumables for industrial production purposes in volume and value terms. The NRMI 2016 version was specially made to be used in monitoring the consumption in each of the NKD 2007 industrial activity group (05.1 – 36.0). Therefore, the first three digits indicate an industrial group of activity, in which certain raw materials or consumables are usually used (including industrial services), while the following six digits in the code indicate individual raw materials or consumables classified in the NRMI 2016 and it is, in fact, a KPD 2015 item. Namely, the NRMI 2016 version is based on the KPD 2015 version, and it is harmonised at the level of raw materials/products with the EU Combined Nomenclature 2024 (CN) as well as with the Customs Tariff of the Republic of Croatia for 2024⁴⁾ via correspondence tables. The NRMI 2016 code of raw materials and consumables comprises 10 digits, but for each individual raw material or consumable classified in the NRMI 2016 reporting units are obliged to add the eleventh digit indicating its origin (own-produced, domestic or non-domestic) by filling in the IND-21/REPRO form. The breakdown of raw materials and consumables classified in the NRMI 2016, which are consumed by industries for the industrial production purposes at the NKD 2007 activity group level, is defined by the KPD 2015 framework and mostly covers raw materials and consumables classified in the KPD 2015 production sections A to E (only division 36). In exceptional cases, the KPD 2015 items are further divided if particular raw materials and consumables were important for a specific production but were not recognisable at the sub-category level of the KPD 2015 products. The NRMI 2016 comprises a total of 7 800 codes of raw materials and consumables, together with assigned measurement units used in expressing data on the annual consumption of raw materials and consumables.

Raw materials and consumables

According to the REPRO Survey concept, the term “raw materials and consumables” is defined in a wider context and refers to all goods with physical dimension or to industrial services classified in the NRMI 2016 under a separate code, providing that they are used as inputs in the production process of reporting units, where they may either be transformed or used up in the production process. The NRMI 2016 comprises detailed raw materials and consumables, which include energy for transformation purposes or non-energy consumption (excluding those used for final energy consumption in industry), spare parts, small tools, containers, tubes and tires for vehicles and other consumables to be consumed by each NKD 2007 industrial activity group (05.1 – 36.0).

Consumption of raw materials in industry

It covers the consumption of raw materials and consumables purchased and consumed by industrial statistical units in their production process in the industry sector. It also covers the consumption of own-produced raw materials and consumables (intermediate products of a reporting unit) as well as those purchased by industrial statistical units on domestic or non-domestic market (imports) and consumed in their production process in the same reporting period. In the REPRO Survey, the consumption of each raw material and consumable classified in the NRMI 2016 is recorded in volumes (for a defined measurement unit) and as values in thousands of euro.

It has to be recorded in current purchase prices obtainable for the same kind of raw materials and consumables at the moment they are actually entering the production process, that is, when they are consumed, and not when they are purchased and put on stock (inventories). The consumption of raw materials and consumables complies with definitions under the European System of National Accounts (ESA) 2010 in the part referring to the intermediate consumption⁵⁾. It excludes the consumption of fixed assets (buildings, machinery, equipment, land) which is recorded as the consumption of fixed capital.

Purchase prices

At the time of purchase, a purchase price is the price that a purchaser actually pays for products. It includes all taxes and charges on products, excluding VAT and other deductible taxes (e.g., excises) and subsidies. It also includes any transport charges paid separately by a purchaser at a place of delivery and excludes any discount for bulk or off-peak purchase as well as interest or services charges added under credit arrangements, or any charge paid as a result of failing to pay within the stated period of time. In the REPRO Survey, the value of raw materials and consumables consumed by industries has to be recorded in current purchase prices obtainable for the same kind of raw materials and consumables at the moment when they actually enter the production process, that is, when they are consumed, and not when they were purchased and put on stock (inventories), which is in line with the ESA 2010 concept.

PRODCOM products

Product is an outcome of a certain economic activity. It is a generic term used for products that have a physical dimension as well as for industrial services. It is defined by the Nomenclature of Industrial Products – NIP and is an integral part of the PRODCOM Survey on Industrial Production of the Republic of Croatia. This survey is connected with the production of industrial products defined by the NIP 2024, while for the future REPRO surveys revised versions of

NIP for every subsequent reporting year will be used. These versions will be available on the website of the Croatian Bureau of Statistics, besides their publication in Narodne novine (NN) at the beginning of each year.

The value of PRODCOM production sold

It is calculated on the basis of the selling price obtained/obtainable during the reporting period (invoiced values). The value of production includes packaging costs, even if they are charged separately, while the following costs are excluded: any turnover and consumer tax charged (VAT and excises), separately charged freight costs or any discount granted to customers. If finished products are hired out or leased to third parties, the price obtainable on the market for the product in question is recorded as an estimated value.

Input-output tables

Input-output tables are means of presenting a detailed analysis of the production process and the use of goods and services (products) and the income generated in that production. They can be either in the form of (a) supply and use tables or (b) symmetric input-output tables. The term is defined within the ESA 2010 concept.

Note to all users: detailed tables of the REPRO results for 2024 will be available the PC-Axis database (Inputs of Raw Materials in Industrial Production in 2024 – Detailed Annual Results). Data on the final consumption of energy by industry according to energy types, which were collected through the REPRO Survey for 2024 for energy statistics purposes, will be an integral part of the Statistical Report 1737 Energy Statistics, 2024.

1) NRMI 1997. can be found in the Annex of the Notes on Methodology in the Monthly Report on Industry (IND-1 form). These Notes on Methodology were also used as a statistical standard of the Croatian Bureau of Statistics for the Quarterly Survey on Consumption of Raw Materials and Consumables and Final Consumption of Fuel in Industry (NN, No. 18/97).

2) KPD 2015. is an acronym for the Classification of Products by Activity of the Republic of Croatia (NN, No. 157/14).

3) The European System of Accounts 2010 (EU Regulation No 549/2013 of the European Parliament and of the Council of 21 May 2013) is harmonised with the SNA 2008 – the UN System of National Accounts (ISBN 978-92-1-161522-7). The acronym ESA 2010 is used throughout the text.

4) The Customs Tariff of the Republic of Croatia (NN, No. 124/15), the CT 2023 version, is harmonised with the CN 2023 EU version up to the eighth-digit figure

5) Harmonised with the definition of the intermediate consumption taken over from ESA 2010 (3.69). For the acronym “ESA 2010”, see footnote 3.

Abbreviations

| | |
|-----------|---|
| CN 2024 | Combined Nomenclature, 2024 version |
| CT 2024 | Customs Tariff, 2024 version |
| ESA 2010 | European System of National Accounts, 2010 version |
| EU | European Union |
| KPD | Classification of Products by Activity |
| mln | million |
| mm | millimetre |
| n. e. c. | not elsewhere classified |
| NIP 2024. | Nomenclature of Industrial Products, 2024 version |
| NKD 2007 | National Classification of Activities, 2007 version |
| NN | Narodne novine, official gazette of the Republic of Croatia |
| NRMI | Nomenclature of Selected Raw Materials in Industry |
| PRODCOM | PRODUCTION in the COMMUNITY |
| REPRO | Annual Survey on Raw Materials and Energy Consumption in Industry |
| UN | United Nations |
| VAT | value added tax |
| ‘000 | thousand |

Symbols

| | |
|---|-----------------------|
| - | no occurrence |
| ≥ | more than or equal to |
| ≤ | less than or equal to |

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