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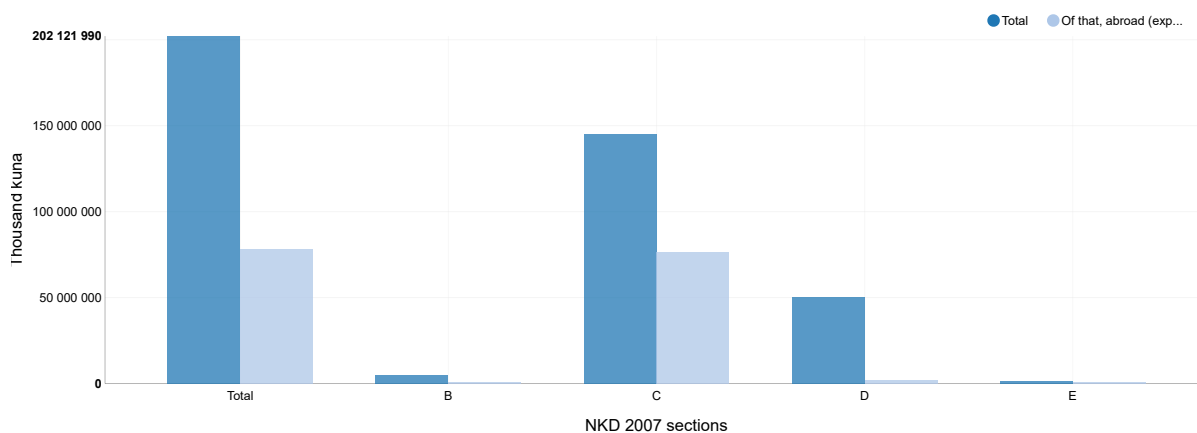


PRODUCTION AND SALE OF INDUSTRIAL PRODUCTS (PRODCOM), 2022 – Provisional Data, June 2023

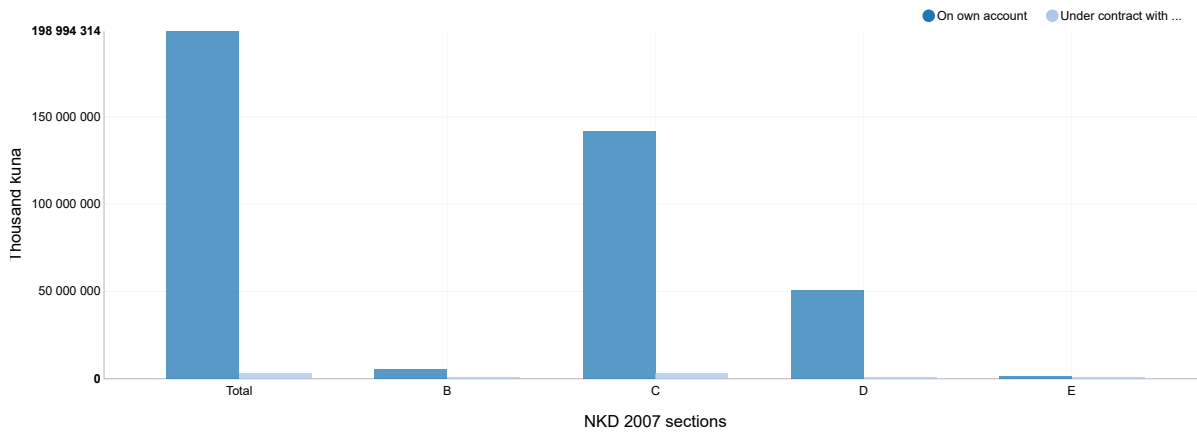
In 2022, the total value of industrial products sold by enterprises engaged in the production of industrial products in the Republic of Croatia (irrespective of where those enterprises were registered) amounted to 202 122 million kuna. As compared to the previous year, the value of industrial products sold increased by 48 358 million kuna, or by 31.4%. The value of the sale to external markets amounted to 78 337 million kuna, which accounts for 38.8% of the total value of industrial products sold.

According to the NKD 2007 industrial sections, the value of industrial products sold, according to the product activity, was the highest in section C Manufacturing, 144 915 million kuna, D Electricity, gas, steam and air conditioning supply, 50 544 million kuna, and B Mining and quarrying, 5 219 million kuna, while in section E Water supply; sewerage, waste management and remediation activities (only division 36), it was the lowest, 1 444 million kuna. The value of industrial products sold was the highest in division 35 Electricity, gas, steam and air conditioning supply (50 544 million kuna) and the lowest in division 12 Manufacture of tobacco products (337 million kuna).

G-1 VALUE OF INDUSTRIAL PRODUCTS SOLD AND EXPORT, ACCORDING TO NKD 2007 SECTIONS, BY PRODUCT ACTIVITIES, 2022



G-2 VALUE OF INDUSTRIAL PRODUCTS SOLD, ON OWN ACCOUNT AND UNDER CONTRACT WITH PRINCIPAL, BY PRODUCT ACTIVITIES, 2022



- B Mining and quarrying
- C Manufacturing
- D Electricity, gas, steam and air conditioning supply
- E Water supply; sewerage, waste management and remediation activities

In the Republic of Croatia, the share of the value of industrial products sold on producers' own account according to product activity was still dominant in 2022 and amounted to 98.5% of the total value of industrial products sold, while the share of the value of industrial products sold under contract with the principal (for third parties) amounted to only 1.5%. The highest share of industrial products sold under contract was recorded in divisions 15 (20.1%), 14 (13.4%), 24 (12.0%), 28 (10.7%) and in section C Manufacturing.

The comparison of industrial products sold in 21 counties of the Republic of Croatia (see table 2 and graph G-6) shows that the highest share in the value of industrial products sold according to the product activity was recorded in the City of Zagreb in the amount of 30 163 million kuna (20.1%) and in the County of Primorje-Gorski kotar in the amount of 19 958 million kuna (13.3%). The lowest value of industrial products sold was recorded in the County of Dubrovnik-Neretva, only 299 million kuna (0.2%).

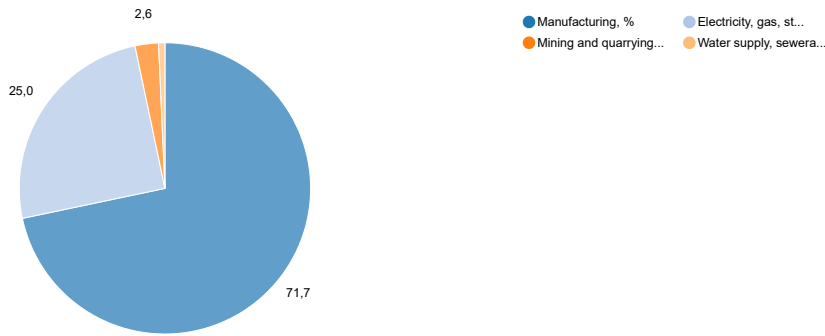
Data on the value of industrial products sold were obtained by the processing of the PRODCOM Survey on Industrial Production in 2022, which covered 2 856 industrial local units belonging to legal entities and tradesmen employing 10 and more persons. The structure of the coverage of legal entities and tradesmen by product activity in 2022, according to the NKD 2007 activity sections, was the following: 2.6% of them were covered by section B, 71.7% by section C, 25.0% by section D and 0.7% by section E (only division 36).

1 VALUE OF INDUSTRIAL PRODUCTS SOLD AND EXPORT, ACCORDING TO NKD 2007 SECTIONS AND DIVISIONS, BY PRODUCT ACTIVITIES, 2022

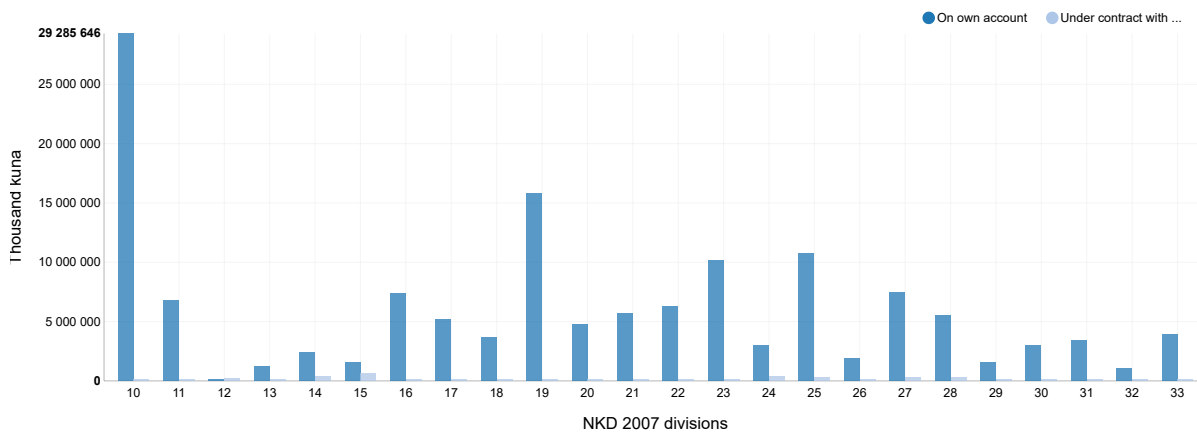
Thousand kuna

	Value of industrial products sold, according to NIP 2022					
	Total			Of that, abroad (export)		
	Total	On own account	Under contract with principal	Total	On own account	Under contract with principal
Total	202 121 990	198 994 314	3 127 676	78 337 070	75 926 572	2 410 498
B Mining and quarrying	5 218 637	5 218 637	-	182 888	182 888	-
06 Extraction of crude petroleum and natural gas	3 442 623	3 442 623	-	-	-	-
08 Other mining and quarrying	1 230 909	1 230 909	-	182 888	182 888	-
09 Mining support service activities	545 105	545 105	-	-	-	-
C Manufacturing	144 915 002	141 787 326	3 127 676	76 343 792	73 933 294	2 410 498
10 Manufacture of food products	29 450 262	29 285 646	164 616	7 872 660	7 807 511	65 149
11 Manufacture of beverages	6 769 765	6 760 496	9 269	1 410 092	1 410 092	-
12 Manufacture of tobacco products	336 938	119 366	217 572	109 774	109 774	-
13 Manufacture of textiles	1 289 482	1 206 460	83 022	1 014 217	943 735	70 482
14 Manufacture of wearing apparel	2 818 813	2 399 172	419 641	2 320 708	1 985 536	335 172
15 Manufacture of leather and related products	2 146 614	1 518 365	628 249	1 875 880	1 280 738	595 142
16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	7 426 829	7 388 266	38 563	4 875 949	4 873 589	2 360
17 Manufacture of paper and paper products	5 214 139	5 214 139	-	2 930 452	2 930 452	-
18 Printing and reproduction of recorded media	3 668 620	3 644 679	23 941	1 788 873	1 788 258	615
19 Manufacture of coke and refined petroleum products	15 816 104	15 816 104	-	4 682 922	4 682 922	-
20 Manufacture of chemicals and chemical products	4 751 402	4 734 309	17 093	2 860 061	2 854 734	5 327
21 Manufacture of basic pharmaceutical products and pharmaceutical preparations	5 776 689	5 710 404	66 285	5 242 698	5 176 739	65 959
22 Manufacture of rubber and plastic products	6 253 868	6 238 463	15 405	3 814 426	3 805 062	9 364
23 Manufacture of other non-metallic mineral products	10 149 093	10 129 190	19 903	5 491 121	5 491 121	-
24 Manufacture of basic metals	3 402 045	3 027 411	374 634	3 074 313	2 701 099	373 214
25 Manufacture of fabricated metal products, except machinery and equipment	11 086 257	10 764 972	321 285	7 036 985	6 851 943	185 042
26 Manufacture of computer, electronic and optical products	1 953 460	1 921 720	31 740	1 418 847	1 387 107	31 740
27 Manufacture of electrical equipment	7 706 948	7 451 648	255 300	6 183 822	5 935 235	248 587
28 Manufacture of machinery and equipment n. e. c.	5 868 573	5 534 651	333 922	4 947 711	4 630 601	317 110
29 Manufacture of motor vehicles, trailers and semi-trailers	1 564 366	1 564 366	-	1 383 401	1 383 401	-
30 Manufacture of other transport equipment	3 069 881	2 994 794	75 087	2 407 026	2 331 939	75 087
31 Manufacture of furniture	3 439 444	3 407 502	31 942	2 202 310	2 172 360	29 950
32 Other manufacturing	1 041 103	1 040 896	207	341 981	341 783	198
33 Repair and installation of machinery and equipment	3 914 307	3 914 307	-	1 057 563	1 057 563	-
D Electricity, gas, steam and air conditioning supply	50 544 118	50 544 118	-	1 807 415	1 807 415	-
35 Electricity, gas, steam and air conditioning supply	50 544 118	50 544 118	-	1 807 415	1 807 415	-
E Water supply; sewerage, waste management and remediation activities (only division 36)	1 444 233	1 444 233	-	2 975	2 975	-
36 Water collection, treatment and supply	1 444 233	1 444 233	-	2 975	2 975	-

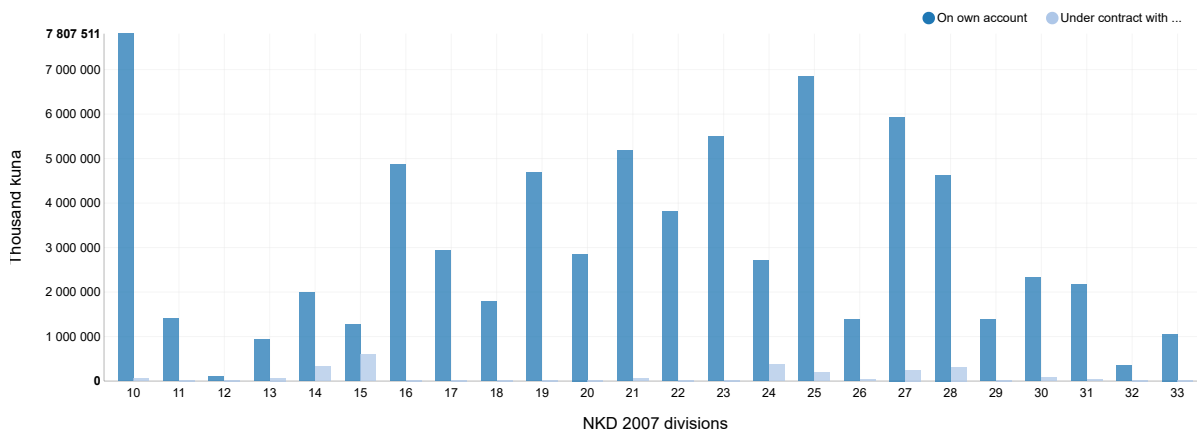
G-3 VALUE STRUCTURE OF INDUSTRIAL PRODUCTS SOLD, BY PRODUCT ACTIVITIES, ACCORDING TO NKD 2007 SECTIONS, 2022



G-4 VALUE OF INDUSTRIAL PRODUCTS SOLD IN MANUFACTURING, ACCORDING TO NKD 2007 DIVISIONS, ON OWN ACCOUNT AND UNDER CONTRACT WITH PRINCIPAL, BY PRODUCT ACTIVITIES, 2022



G-5 VALUE OF INDUSTRIAL PRODUCTS SOLD ABROAD IN MANUFACTURING, ACCORDING TO NKD 2007 DIVISIONS, ON OWN ACCOUNT AND UNDER CONTRACT WITH PRINCIPAL, BY PRODUCT ACTIVITIES, 2022



NKD 2007 Divisions

- 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

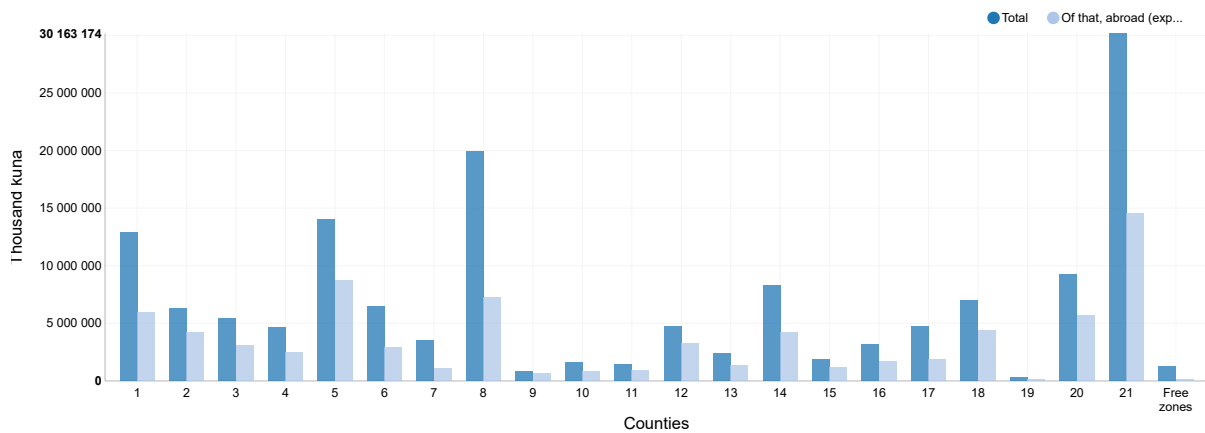
2 VALUE OF INDUSTRIAL PRODUCTS SOLD AND EXPORT, ACCORDING TO NKD 2007 SECTIONS, BY PRODUCT ACTIVITIES AND BY COUNTIES, 2022

	Value of industrial products sold, according to NIP 2022					
	Total			Of that, abroad (export)		
	Total	On own account	Under contract with principal	Total	On own account	Under contract with principal
Republic of Croatia – sections B and C ¹⁾	150 133 639	147 005 963	3 127 676	76 526 680	74 116 182	2 410 498
County of Zagreb	12 863 458	12 660 524	202 934	5 989 461	5 827 821	161 640
B Mining and quarrying	611 902	611 902	-	-	-	-
C Manufacturing	12 251 556	12 048 622	202 934	5 989 461	5 827 821	161 640
County of Krapina-Zagorje	6 279 194	6 076 325	202 869	4 245 993	4 085 570	160 423
B Mining and quarrying	177 059	177 059	-	6 956	6 956	-
C Manufacturing	6 102 135	5 899 266	202 869	4 239 037	4 078 614	160 423
County of Sisak-Moslavina	5 430 249	5 306 327	123 922	3 118 171	2 999 765	118 406
B Mining and quarrying	185 517	185 517	-	5	5	-
C Manufacturing	5 244 732	5 120 810	123 922	3 118 166	2 999 760	118 406
County of Karlovac	4 679 852	4 356 969	322 883	2 471 047	2 154 381	316 666
B Mining and quarrying	15 934	15 934	-	-	-	-
C Manufacturing	4 663 918	4 341 035	322 883	2 471 047	2 154 381	316 666
County of Varaždin	13 999 275	13 513 633	485 642	8 742 823	8 320 245	422 578
B Mining and quarrying	310 126	310 126	-	128 719	128 719	-
C Manufacturing	13 689 149	13 203 507	485 642	8 614 104	8 191 526	422 578
County of Koprivnica-Križevci	6 446 264	6 422 946	23 318	2 882 478	2 859 321	23 157
B Mining and quarrying	1 444 612	1 444 612	-	-	-	-
C Manufacturing	5 001 652	4 978 334	23 318	2 882 478	2 859 321	23 157
County of Bjelovar-Bilogora	3 553 742	3 498 888	54 854	1 122 438	1 098 176	24 262
B Mining and quarrying	90 886	90 886	-	-	-	-
C Manufacturing	3 462 856	3 408 002	54 854	1 122 438	1 098 176	24 262
County of Primorje-Gorski kotar	19 957 875	19 881 953	75 922	7 280 451	7 204 915	75 536
B Mining and quarrying	29 541	29 541	-	2	2	-
C Manufacturing	19 928 334	19 852 412	75 922	7 280 449	7 204 913	75 536
County of Lika-Senj	831 299	813 307	17 992	656 868	656 389	479
B Mining and quarrying	8 385	8 385	-	-	-	-
C Manufacturing	822 914	804 922	17 992	656 868	656 389	479
County of Virovitica-Podravina	1 566 095	1 525 109	40 986	828 071	828 071	-
B Mining and quarrying	120 571	120 571	-	1 605	1 605	-
C Manufacturing	1 445 524	1 404 538	40 986	826 466	826 466	-
County of Požega-Slavonia	1 411 213	1 378 608	32 605	953 996	921 405	32 591
B Mining and quarrying	85 595	85 595	-	-	-	-
C Manufacturing	1 325 618	1 293 013	32 605	953 996	921 405	32 591
County of Slavonski Brod-Posavina	4 774 537	4 629 138	145 399	3 242 310	3 134 917	107 393
B Mining and quarrying	12 367	12 367	-	-	-	-
C Manufacturing	4 762 170	4 616 771	145 399	3 242 310	3 134 917	107 393
County of Zadar	2 374 549	2 374 549	-	1 354 481	1 354 481	-
B Mining and quarrying	19 824	19 824	-	1 153	1 153	-
C Manufacturing	2 354 725	2 354 725	-	1 353 328	1 353 328	-
County of Osijek-Baranja	8 317 833	8 273 851	43 982	4 175 869	4 166 433	9 436
B Mining and quarrying	53 518	53 518	-	-	-	-
C Manufacturing	8 264 315	8 220 333	43 982	4 175 869	4 166 433	9 436
County of Šibenik-Knin	1 881 446	1 524 907	356 539	1 208 101	851 562	356 539
B Mining and quarrying	18 210	18 210	-	2 381	2 381	-
C Manufacturing	1 863 236	1 506 697	356 539	1 205 720	849 181	356 539
County of Vukovar-Sirmium	3 169 262	3 058 198	111 064	1 665 030	1 599 632	65 398
B Mining and quarrying	23 857	23 857	-	-	-	-
C Manufacturing	3 145 405	3 034 341	111 064	1 665 030	1 599 632	65 398

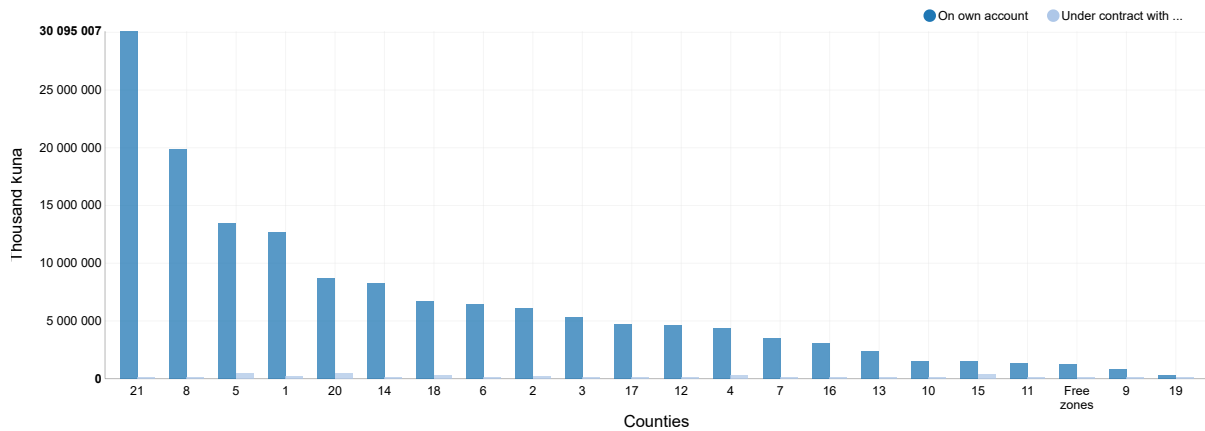
County of Split-Dalmatia	4 724 132	4 708 485	15 647	1 826 624	1 826 624	-
B Mining and quarrying	132 748	132 748	-	18 458	18 458	-
C Manufacturing	4 591 384	4 575 737	15 647	1 808 166	1 808 166	-
County of Istria	6 966 838	6 675 948	290 890	4 424 617	4 391 440	33 177
B Mining and quarrying	141 366	141 366	-	22 731	22 731	-
C Manufacturing	6 825 472	6 534 582	290 890	4 401 886	4 368 709	33 177
County of Dubrovnik-Neretva	298 637	297 976	661	84 412	84 412	-
B Mining and quarrying	7 972	7 972	-	245	245	-
C Manufacturing	290 665	290 004	661	84 167	84 167	-
County of Međimurje	9 208 513	8 699 440	509 073	5 669 888	5 191 839	478 049
B Mining and quarrying	459 644	459 644	-	633	633	-
C Manufacturing	8 748 869	8 239 796	509 073	5 669 255	5 191 206	478 049
City of Zagreb	30 163 174	30 095 007	68 167	14 522 712	14 499 967	22 745
B Mining and quarrying	111 180	111 180	-	-	-	-
C Manufacturing	30 051 994	29 983 827	68 167	14 522 712	14 499 967	22 745
Free zones	1 236 202	1 233 875	2 327	60 839	58 816	2 023
B Mining and quarrying	1 157 823	1 157 823	-	-	-	-
C Manufacturing	78 379	76 052	2 327	60 839	58 816	2 023

1) In 2022, in order to calculate industrial producer price indices, the Nomenclature of Industrial Products was highly elaborated in the part pertaining to electricity supply. However, since electricity distribution areas significantly differ from county areas, presenting data on electricity supply by counties, according to the new Nomenclature, would heavily burden the electricity suppliers. Hence, data for 2022 have been collected only at the level of the Republic of Croatia. Consequently, in table 2. Value of Industrial Products Sold and Export, According to NKD 2007 Sections, by Product Activity and by Counties, 2022, data for section D cannot be presented. Data for section E are not presented due to a small share in the value of industrial products sold.

G-6 VALUE OF INDUSTRIAL PRODUCTS SOLD AND EXPORT, ACCORDING TO NKD 2007 PRODUCT ACTIVITIES, BY COUNTIES, 2022



G-7 VALUE OF INDUSTRIAL PRODUCTS SOLD, ON OWN ACCOUNT AND UNDER CONTRACT WITH PRINCIPAL, ACCORDING TO NKD 2007 PRODUCT ACTIVITIES, BY COUNTIES, 2022



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

3 PRODUCTION AND APPARENT DOMESTIC CONSUMPTION OF SELECTED MOST IMPORTANT PRODCOM PRODUCTS, BY VALUE OF INDUSTRIAL PRODUCTS SOLD, 2022¹⁾

PRODCOM 2022 codes and headings	Unit of measure	Industrial products sale		Imports		Exports		Apparent domestic consumption	
		Volume	Value, thousand kuna	Volume	Value, thousand kuna	Volume	Value, thousand kuna	Volume	Value, thousand kuna
21.20.13.80 Other medicaments of mixed or unmixed products, p. r. s., n. e. c.	kg	4 478 682	3 384 025	13 941 085	6 229 564	5 486 008	3 949 010	12 933 759	5 664 578
11.05.10.00 Beer made from malt (excluding non-alcoholic beer, beer containing ≤ 0.5% by volume of alcohol, alcohol duty)	hl	2 981 253	2 041 829	1 055 819	400 668	909 174	332 463	3 127 897	2 110 035
16.10.12.50 Wood, sawn or chipped lengthwise, sliced or peeled, of a thickness > 6 mm (excluding coniferous and tropical woods and oak blocks, strips and friezes)	m ³	724 824	2 022 180	115 657	403 573	966 743	3 426 668	-126 262	-1 000 916
11.07.19.30 Waters, with added sugar, other sweetening matter or flavoured, i.e. soft drinks (including mineral and aerated)	hl	3 096 882	1 995 824	1 510 241	574 914	1 371 195	440 830	3 235 928	2 129 908
27.11.41.80 Liquid dielectric transformers having a power handling capacity > 10 000 kVA	p/st	316	1 992 843	18	9 178	271	1 748 852	63	253 168
10.13.14.60 Sausages and similar products of meat, offal or blood and food preparations based thereon (excluding liver sausages and prepared meals and dishes)	t	61 545	1 958 499	9 086	206 167	8 576	255 196	62 055	1 909 469
10.71.11.00 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)	t	152 521	1 842 589	16 291	191 063	11 837	160 887	156 975	1 872 765
23.51.12.10 Portland cement	t	2 890 005	1 807 660	396 601	201 288	1 494 490	964 889	1 792 116	1 044 059
10.51.11.42 Milk and cream of a fat content by weight of > 1% but ≤ 6%, not concentrated nor containing added sugar or other sweetening matter, in immediate packings of a net content ≤ 2 l	t	228 302	1 354 363	31 313	164 881	17 910	90 951	241 705	1 428 293
23.63.10.00 Ready-mixed concrete	t	5 042 714	1 266 439	3 475	1 385	2 080	557	5 044 109	1 267 267

1) Data sources are the results of the annual PRODCOM Survey on Industrial Production. The apparent domestic consumption is calculated by using the formula: Production + Imports – Exports. The negative apparent domestic consumption is the result of a difference in the coverage and methodological approach to these two kinds of data.

NOTES ON METHODOLOGY

The First Release contains the provisional data of the PRODCOM Survey on Industrial Production (IND-21/PRODCOM form) in 2022. It was carried out by the Croatian Bureau of Statistics on the basis of the Official Statistics Act (NN, No. 25/20) and the Statistical Standards for the PRODCOM Survey on Industrial Production in 2022, the integral part of

which is also the Nomenclature of Industrial Products – NIP 2022. The term "industry" used in the First Release is defined by products (and services) within the NKD 2007 sections B, C, D and E (only division 36). This definition of industry is wider than the definition used in the EU PRODCOM Survey.

PRODCOM indicators of industrial production

The provisional data refer to the most recent data related to industrial production statistics, which are derived from the annual results of the PRODCOM Survey on Industrial Production. The PRODCOM results provide detailed information about a national market and its competitiveness on international markets at the individual product/commodity level, because they are linked with foreign trade data via CT in the same way as the EU PRODCOM results with which they are harmonised. All data at the individual product level are collected on the basis of the Nomenclature of Industrial Products – NIP 2022., which was derived from the PRODCOM List 2022, which is an integral part of the harmonised Statistical Standards for the PRODCOM Survey in the Republic of Croatia. Table 1 presents aggregate results of the breakdown according to product activities, followed by graphs containing data on the value of industrial products sold and export, expressed in thousands of kuna and broken down according to the NKD 2007 sections and divisions. Table 2 presents aggregated results for counties, broken down by product activities according to the NIP 2022. Finally, table 3 shows industrial products sold in volume and value terms of the 10 most important selected individual products in the Republic of Croatia according to the PRODCOM List 2022 (aggregates of the NIP 2022 products) for the most recent available year, combined with data on imports and exports (external trade data derived from CT 2022) and calculated values of apparent domestic consumption for each selected product/commodity by adding imports to production and deducting exports. The 10 products were selected on the basis of their share in the total value of industrial products sold and export in the Republic of Croatia according to the results of the PRODCOM Survey on Industrial Production in 2022.

PRODCOM coverage and units. Reporting units in the PRODCOM Survey on Industrial Production are all trade companies and other legal entities and natural persons and parts thereof employing 10 and more persons that were engaged in industrial production and/or services (production on own account or on contract basis) in reference annual period, as defined in the NKD 2007 sections B, C, D and E (only division 36). Target statistical units are industrial enterprises and local units of industrial and non-industrial enterprises that produce products defined by the NIP (in line with the PRODCOM List).

Statistical units or parts thereof that are "physically" situated outside of the territory of the Republic of Croatia are not covered in this Survey. In profiling of statistical units – local units, the county principle is taken into account. In cases where an observation unit is engaged in industrial production on the territory of several different counties, e.g. in five counties, it is further divided into five local units. In order to stay in line with the EU PRODCOM regulations, the production intended for further processing in the same or in other legal units of the same enterprise is not considered its output. The coverage of reporting and statistical units is defined in the Address Book of Industrial Statistical Units, which was established and is regularly maintained by the Industry and Energy Statistics Department.

Data sources used in the annual updating of the Address Book are those of the Statistical Business Register, of other business statistics surveys on industry as well as other available information and data sources. A special criterion applied to the coverage of activities is the so-called 90% rule, which means that a share of at least 90% of gross value added must be achieved for each 4-digit group activity of the NKD 2007 (05.10 to 36.00). If this criterion is not met, the coverage of particular NKD 2007 4-digit groups is extended to statistical units employing less than 10 persons, e.g. small industries such as baking or printing industries and the like.

The PRODCOM Survey for 2022 covered 2 856 enterprises (legal entities and tradesmen) with a response rate of 99.26%, while the non-response estimate was 0.74%.

PRODCOM concepts and definitions

Concepts and definitions used in the PRODCOM Survey of the Republic of Croatia are harmonised with those used in the PRODCOM Survey carried out within the EU. They provide further explanations used in the presentation of PRODCOM results, though it should be taken into account that in other contexts these concepts and definitions may have different meanings. They are intended only for the correct interpretation of the PRODCOM results and are harmonised with the concepts and definitions of the PRODCOM EU Survey.

PRODCOM product is an outcome of a certain economic activity. It is a generic term applied to products that have a physical dimension as well as for industrial services. According to the concept of the PRODCOM Survey, it is defined by the headings of the Nomenclature of Industrial Products – NIP, which is a national version of the EU PRODCOM List. **A finished product** is any product that has reached a certain stage of treatment or further processing in the production process, so that it is listed under a separate NIP heading. This term also covers all stages of finishing the product, such as cleaning, packing, dyeing, quality testing, sorting and the like.

Industrial services. This term covers treatment, repairs and maintenance services as well as assembly work. Industrial services are normally recorded for each service listed in the NIP and their value is expressed in thousands of kuna, mainly as a provision for the rendered service. Only separately invoiced services are recorded. There are special rules for presenting data on each industrial service in the previously mentioned PRODCOM standards. On the other hand, some industrial services are classified according to the NKD 2007 as non-industrial services, e.g. Maintenance and repair of motor vehicles (section G, class 45.20), Repair of computers and personal and household goods (section S, division 95), Publishing activities, including software publishing (section J, division 58), Motion picture, video and television programme production, sound recording and music publishing activities (section J, division 59), Computer programming, consultancies and related activities (section J, division 62) and Information service activities, including data processing (section J, division 63), and therefore they were not a subject of the 2022 IND-21/PRODCOM Survey.

NIP 2022 is the hierarchically structured Nomenclature of Industrial Products (and services), created for measuring the annual industrial production in volume and value terms. It is a more detailed national version of the PRODCOM List. It covers all products and services resulting from performing activities of the NKD 2007 sections B, C, D and E (only division 36). The NIP structure corresponds at all levels to that of the NKD 2007, KPD 2015., as well as of the PRODCOM List 2022., with a further detailed national breakdown.

The **NIP 2022** is linked with the Customs Tariff (CT) of the Republic of Croatia in the same way as the PRODCOM List is linked with the EU Combined Nomenclature (CN). It is regularly updated at the beginning of each year according to the updates of the PRODCOM List.

PRODCOM is an acronym that stands for the production statistics of the European Union of industrial production that are defined by the EU Regulation No. 3924/91. The acronym was derived from the French title "PRODUCTION COMMUNAUTAIRE" (Community Production). The purpose of the PRODCOM Survey is to obtain information about national, European and international markets. It monitors industrial products defined by the PRODCOM List, which is updated every year. In order to reflect the international dimension of these markets, there is a link between production statistics and foreign trade statistics established in such a way that the EU PRODCOM List was harmonised with the EU Combined Nomenclature (CN) for the reference year in question, so that production statistics data can be comparable with foreign trade data on the detailed product/commodity level. It enabled the calculation of apparent consumption.

PRODCOM List is a list of products, goods and industrial services listed under the PRODCOM headings. The PRODCOM List for 2022¹⁾ includes 4 200 compulsory codes and headings that are mainly used in the compilation of detailed product statistics of the EU. The PRODCOM List for 2022¹⁾ is based on the version 2.1²⁾ (= KPD 2015³⁾) and is linked with the Combined Nomenclature for 2022 (CN 2022) of the EU via reference notes. It is not structured as a hierarchical classification and that is why it is a "list", although products are divided into "divisions" that correspond to the divisions of the NACE Rev. 2 and cover almost all products and services of the NACE sections B and C. In principle, the PRODCOM headings consist of items or groups of items taken over from the CN in order to allow the comparability of foreign trade and production data. Therefore, they have to be updated at the beginning of each year according to changes in the Combined Nomenclature (CN).

Industrial products sold in PRODCOM. The term "industrial products sold" refers to the production done by statistical units over a period of time that was sold (invoiced) in the reference year. The physical volume and value of industrial products sold are normally recorded for products listed in the NIP if they were sold to other entities on the domestic market, in own shops or exported to international markets. This also includes own-produced products hired out or leased to third parties (e.g. computer equipment, telephone installations, washing machines). Industrial products sold also include finished products (or services) that a statistical unit produced on own account as well as those produced or further processed on a fee or a contract basis for a principal (contract processing) if such production took place on the territory of the Republic of Croatia. It does not include finished products used, or intended to be used, in further processing in local units of the same enterprise or finished products put on stock to be sold later.

The value of PRODCOM industrial products sold is calculated on the basis of the selling price a producer obtained/will obtain during the reporting period (invoiced values). The value of production includes packaging costs even if they are charged separately, but the following costs are excluded: any turnover tax and consumer tax charged (VAT and excises), separately charged freight costs and any discounts granted to customers. If finished products are hired out or leased to third parties, then prices obtainable on the market for the product in question are defined as estimated values.

Contract processing (contract work). In the PRODCOM sense, the production on a fee or contract basis exists if a statistical unit (contractor) produces or processes particular NIP products ordered by a principal who also supplies, free of charge, the material necessary for that production or processing. The production on a fee or a contract basis is the production carried out under special arrangements between an ordering unit (principal) and a producing unit (contractor). In such a production, only the contractor must report the value of the actual production of industrial products according to the contract, that is, in the country where the production actually took place, in order to avoid double presentation of data. In these cases, the contractor reports the production under the same codes of NIP products as for the production on own account, and for the industrial products sold only the value of the service production fee actually paid by a principal. In any arrangement for the production or processing on the contract basis, the principal and the producer must belong to different enterprises (business entities), because, according to the definitions of the PRODCOM Statistical Standards, the production or processing on a contract basis between local units belonging to the same enterprise is not possible.

Apparent domestic consumption is a derived indicator calculated by balancing data on industrial products sold in volumes and values for 10 most important NIP 2022 individual products, with comparable exports/imports volume and value data for the same products/commodities or their aggregates at the PRODCOM List 2022 level (originally foreign trade data aggregated at the CN 2022 levels using Customs Tariff 2022). The following formula was used in the calculation: production + imports - exports. The importance criterion of the NIP 2022 products for the Republic of Croatia has been defined according to the value of industrial products sold and export. Data are presented in physical measurement units (volume) and in thousands of kuna (value).

1) Commission Regulation (EU) 2017/2119 of 22 November 2017 establishing the "Prodcom list" of industrial products provided for by Council Regulation (EEC) No. 3924/91 (OJ L 325 of 8 December 2017).

2) Classification of products by activity of the Republic of Croatia 2015 (NN, No. 157/14). KPD 2015 is identical on all hierarchical levels with CPA version 2.1 of the EU.

3) Commission Regulation (EU) No 1209/2014 of 29 October 2014 amending Regulation (EC) No 451/2008 of the European Parliament and of the Council establishing a new statistical classification of products by activity (CPA) and repealing Council Regulation (EEC) No 3696/93 (OJ L 336, 22 November 2014).

Note. Detailed tables of the PRODCOM results for 2022 will be available in the forthcoming Statistical Report entitled "Industrial Production in 2022 - PRODCOM Annual Results, No. 1714", which is planned to be issued by the end of March 2024.

Abbreviations

CN	EU Combined Nomenclature
CPA	Classification of Products by Activity
CT	Customs Tariff
EU	European Union
hl	hectolitre
kg	kilogram
KPD 2015	Classification of Products by Activity, 2015 national version
kVA	kilovolt-ampere
l	litre
m ³	cubic metre
mm	millimetre
n. e. c.	not elsewhere classified
NACE	Classification of Economic Activities in the European Community
NIP 2022	Nomenclature of Industrial Products, 2022 version
NKD 2007	National Classification of Activities, 2007 version
p. r. s.	put up for retail sale
p/st	pieces/sticks
PRODCOM	PRODUCTION in the COMmunity
t	tonne
VAT	value added tax

Symbols

-	no occurrence
≤	less than or equal to
>	more than
=	equal



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