

## First Release

Year: LIX.

Zagreb, 30 September 2022

IND-2022-5-2

ISSN 1334-0557

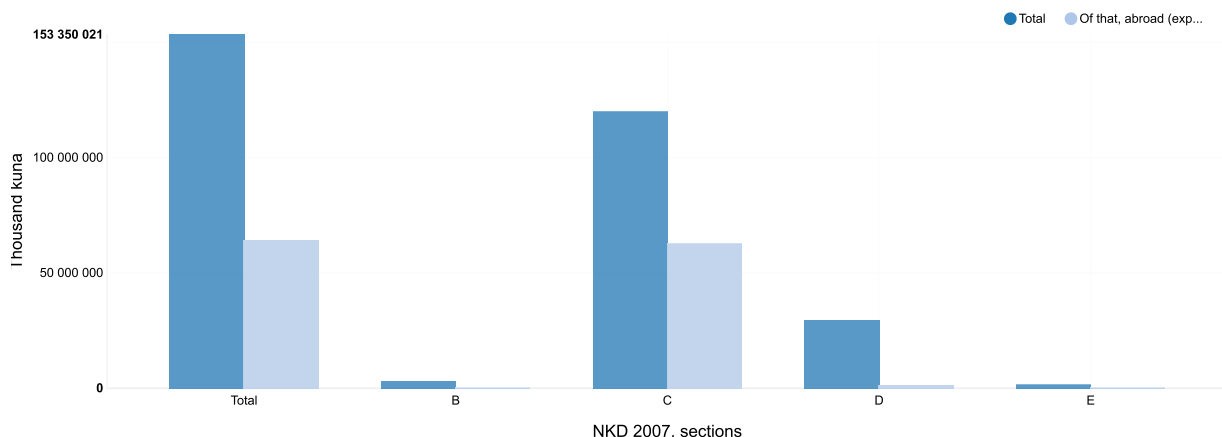


# PRODUCTION AND SALE OF INDUSTRIAL PRODUCTS (PRODCOM), 2021 – Provisional Data, September 2022

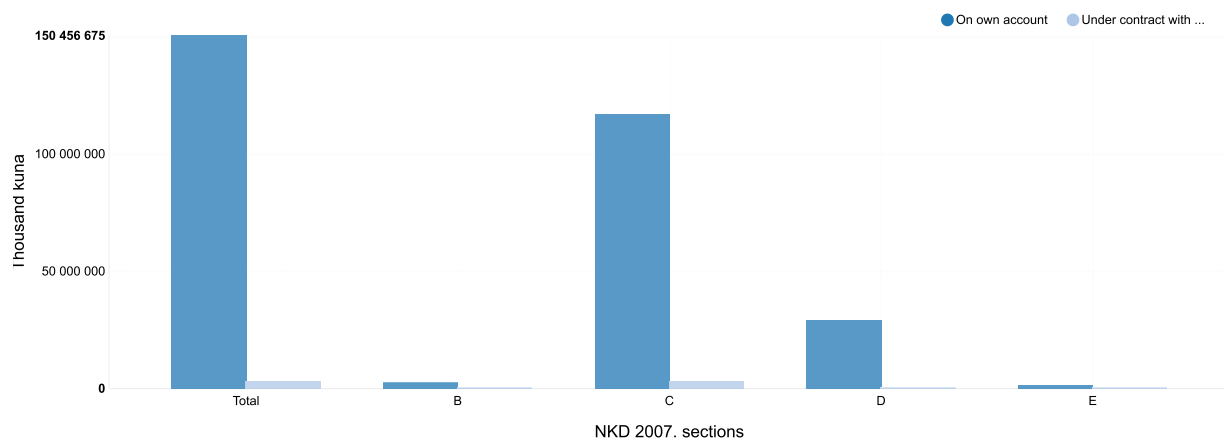
In 2021, the total value of industrial products sold by enterprises engaged in the production of industrial products in the Republic of Croatia (irrespective of where those enterprises were registered) amounted to 153 350 million kuna. As compared to the previous year, the value of industrial products sold increased by 25 025 million kuna, or by 19.5%. The value of the sale to external markets amounted to 64 125 million kuna, which accounts for 41.8% 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, 119 894 million kuna, D Electricity, gas, steam and air conditioning supply, 29 142 million kuna, and B Mining and quarrying, 2 796 million kuna, while in section E Water supply; sewerage, waste management and remediation activities (only division 36), it was the lowest, 1 518 million kuna. The value of industrial products sold was the highest in division 35 Electricity, gas, steam and air conditioning supply (29 142 million kuna) and the lowest in division 09 Mining support service activities (227 million kuna).

### G-1 VALUE OF INDUSTRIAL PRODUCTS SOLD AND EXPORT, ACCORDING TO NKD 2007. SECTIONS, BY PRODUCT ACTIVITY, 2021



## G-2 VALUE OF INDUSTRIAL PRODUCTS SOLD, ON OWN ACCOUNT AND UNDER CONTRACT WITH PRINCIPAL, BY PRODUCT ACTIVITY, 2021



- 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 2021 and amounted to 98.1% 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 1.9%. The highest share of industrial products sold under contract was recorded in divisions 15 (19.6%), 14 (13.5%), 24 (12.5%), 28 (10.3%) 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, 25 493 million kuna (20.8%) and in the County of Primorje-Gorski kotar, 13 044 million kuna (10.6%), while the lowest value of industrial products sold was recorded in the County of Dubrovnik-Neretva, only 260 million kuna (0.2%).

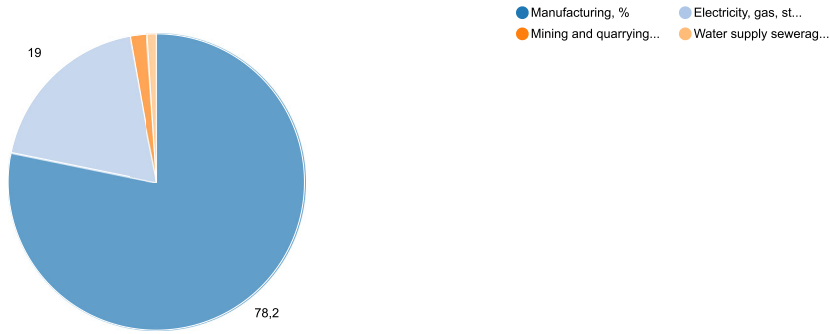
Data on the value of industrial products sold were obtained by the processing of the PRODCOM Survey on Industrial Production in 2021, which covered 3 000 industrial local units belonging to legal entities and tradesmen employing ten and more persons. The structure of the coverage of legal entities and tradesmen by product activity in 2021, according to the NKD 2007. activity sections, was the following: 1.8% of them were covered by section B, 78.2% by section C, 19.0% by section D and 1.0% by section E (only division 36).

1 VALUE OF INDUSTRIAL PRODUCTS SOLD AND EXPORT, ACCORDING TO NKD 2007. SECTIONS AND DIVISIONS, BY PRODUCT ACTIVITY, 2021

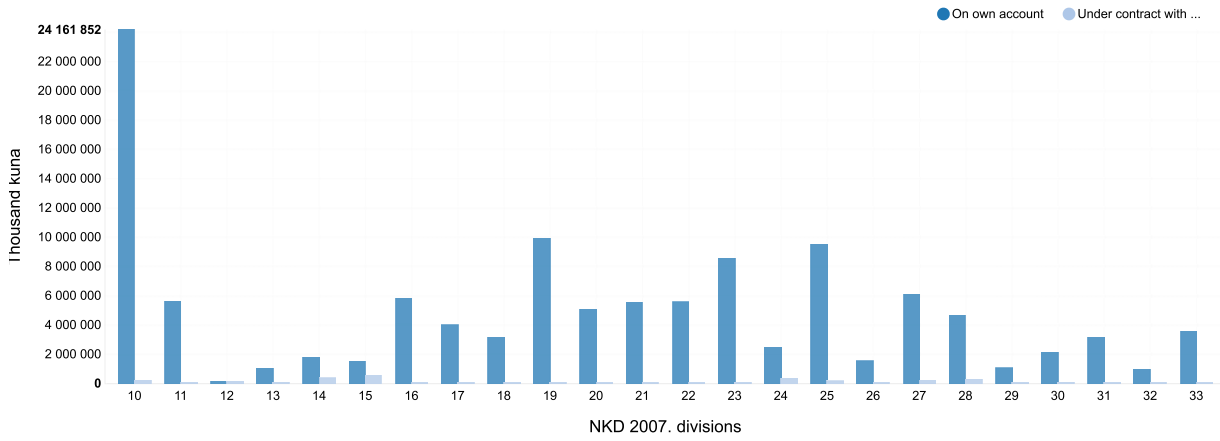
Thousand kuna

	Value of industrial products sold, according to NIP 2021.					
	Total			Of that, abroad (export)		
	Total	On own account	Under contract with principal	Total	On own account	Under contract with principal
Total	153 350 021	150 456 675	2 893 346	64 125 344	61 887 124	2 238 220
B Mining and quarrying	2 795 805	2 795 805	-	90 264	90 264	-
06 Extraction of crude petroleum and natural gas	1 551 738	1 551 738	-	-	-	-
08 Other mining and quarrying	1 016 749	1 016 749	-	90 264	90 264	-
09 Mining support service activities	227 318	227 318	-	-	-	-
C Manufacturing	119 894 213	117 000 867	2 893 346	62 919 843	60 681 623	2 238 220
10 Manufacture of food products	24 329 897	24 161 852	168 045	6 336 933	6 275 840	61 093
11 Manufacture of beverages	5 632 543	5 623 151	9 392	1 128 071	1 128 071	-
12 Manufacture of tobacco products	284 230	123 475	160 755	51 721	51 721	-
13 Manufacture of textiles	1 106 617	1 019 098	87 519	844 087	770 698	73 389
14 Manufacture of wearing apparel	2 182 273	1 790 347	391 926	1 768 764	1 448 988	319 776
15 Manufacture of leather and related products	2 032 332	1 465 820	566 512	1 781 345	1 246 212	535 133
16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	5 802 684	5 776 545	26 139	3 659 168	3 659 168	-
17 Manufacture of paper and paper products	4 054 931	4 054 354	577	2 164 665	2 164 643	22
18 Printing and reproduction of recorded media	3 177 028	3 151 932	25 096	1 445 103	1 444 143	960
19 Manufacture of coke and refined petroleum products	9 896 771	9 896 771	-	4 040 761	4 040 761	-
20 Manufacture of chemicals and chemical products	5 074 154	5 046 547	27 607	2 892 951	2 886 146	6 805
21 Manufacture of basic pharmaceutical products and pharmaceutical preparations	5 619 062	5 559 222	59 840	4 925 489	4 865 924	59 565
22 Manufacture of rubber and plastic products	5 632 687	5 607 165	25 522	3 306 402	3 299 354	7 048
23 Manufacture of other non-metallic mineral products	8 576 100	8 551 843	24 257	4 628 010	4 628 010	-
24 Manufacture of basic metals	2 850 301	2 488 123	362 178	2 526 022	2 165 086	360 936
25 Manufacture of fabricated metal products, except machinery and equipment	9 741 590	9 512 563	229 027	6 175 679	6 064 589	111 090
26 Manufacture of computer, electronic and optical products	1 627 823	1 594 503	33 320	1 160 688	1 127 368	33 320
27 Manufacture of electrical equipment	6 299 819	6 072 636	227 183	4 968 612	4 750 021	218 591
28 Manufacture of machinery and equipment n. e. c.	4 916 925	4 617 892	299 033	4 223 026	3 939 271	283 755
29 Manufacture of motor vehicles, trailers and semi-trailers	1 124 818	1 071 071	53 747	948 901	895 154	53 747
30 Manufacture of other transport equipment	2 230 846	2 145 299	85 547	964 082	878 535	85 547
31 Manufacture of furniture	3 169 836	3 140 930	28 906	1 989 564	1 962 573	26 991
32 Other manufacturing	963 981	962 763	1 218	320 835	320 383	452
33 Repair and installation of machinery and equipment	3 566 965	3 566 965	-	668 964	668 964	-
D Electricity, gas, steam and air conditioning supply	29 142 421	29 142 421	-	1 112 174	1 112 174	-
35 Electricity, gas, steam and air conditioning supply	29 142 421	29 142 421	-	1 112 174	1 112 174	-
E Water supply; sewerage, waste management and remediation activities (only division 36)	1 517 582	1 517 582	-	3 063	3 063	-
36 Water collection, treatment and supply	1 517 582	1 517 582	-	3 063	3 063	-

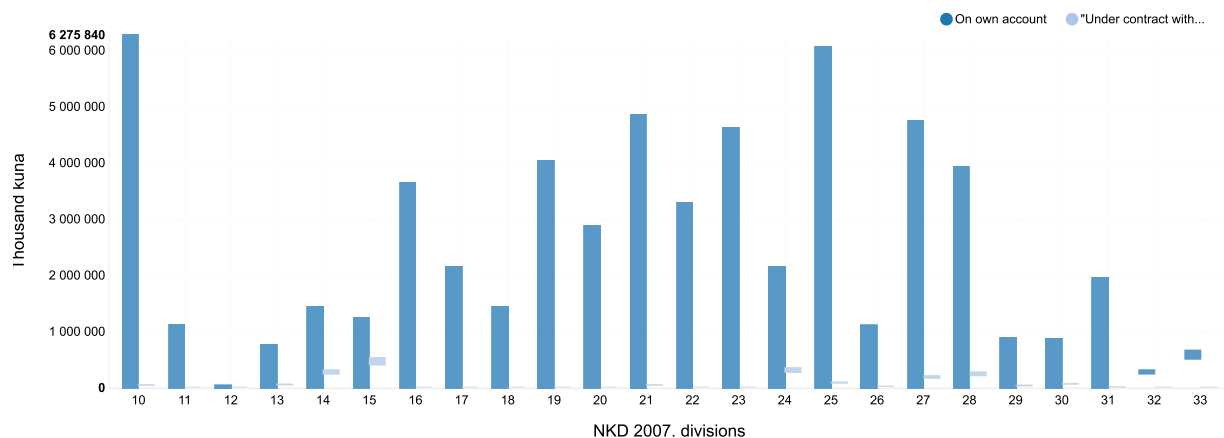
**G-3 VALUE STRUCTURE OF INDUSTRIAL PRODUCTS SOLD, BY PRODUCT ACTIVITY, ACCORDING TO NKD 2007. SECTIONS, 2021**



**G-4 VALUE INDUSTRIAL PRODUCTS SOLD IN MANUFACTURING, ACCORDING TO NKD 2007. DIVISIONS, ON OWN ACCOUNT AND UNDER CONTRACT WITH PRINCIPAL, BY PRODUCT ACTIVITY, 2021**



**G-5 VALUE INDUSTRIAL PRODUCTS SOLD ABROAD IN MANUFACTURING, ACCORDING TO NKD 2007. DIVISIONS, ON OWN ACCOUNT AND UNDER CONTRACT WITH PRINCIPAL, BY PRODUCT ACTIVITIES, 2021**



**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

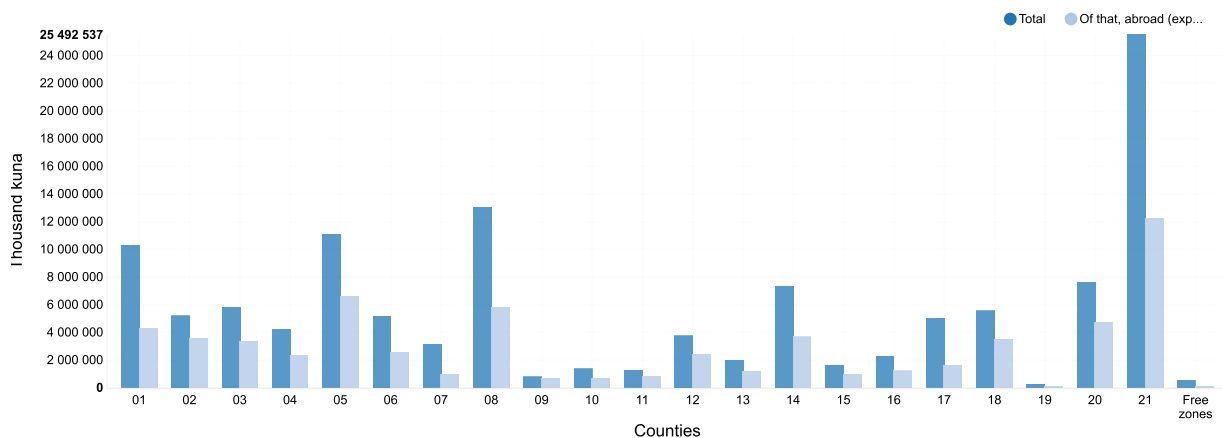
2 VALUE OF INDUSTRIAL PRODUCTS SOLD AND EXPORT, ACCORDING TO NKD 2007. SECTIONS, BY PRODUCT ACTIVITY AND BY COUNTIES, 2021

	Value of industrial products sold, according to NIP 2021.					
	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 <sup>1)</sup>	122 690 018	119 796 672	2 893 346	63 010 107	60 771 887	2 238 220
County of Zagreb	10 260 837	10 024 476	236 361	4 298 478	4 115 374	183 104
B Mining and quarrying	325 233	325 233	-	-	-	-
C Manufacturing	9 935 604	9 699 243	236 361	4 298 478	4 115 374	183 104
County of Krapina-Zagorje	5 183 163	5 032 763	150 400	3 538 582	3 418 071	120 511
B Mining and quarrying	122 955	122 955	-	4 635	4 635	-
C Manufacturing	5 060 208	4 909 808	150 400	3 533 947	3 413 436	120 511
County of Sisak-Moslavina	5 793 294	5 655 311	137 983	3 314 294	3 177 919	136 375
B Mining and quarrying	119 024	119 024	-	10	10	-
C Manufacturing	5 674 270	5 536 287	137 983	3 314 284	3 177 909	136 375
County of Karlovac	4 169 432	3 876 563	292 869	2 296 288	2 012 327	283 961
B Mining and quarrying	11 305	11 305	-	-	-	-
C Manufacturing	4 158 127	3 865 258	292 869	2 296 288	2 012 327	283 961
County of Varaždin	11 091 893	10 587 785	504 108	6 573 253	6 129 587	443 666
B Mining and quarrying	200 844	200 844	-	34 113	34 113	-
C Manufacturing	10 891 049	10 386 941	504 108	6 539 140	6 095 474	443 666
County of Koprivnica-Križevci	5 179 647	5 158 936	20 711	2 574 316	2 554 292	20 024
B Mining and quarrying	693 629	693 629	-	-	-	-
C Manufacturing	4 486 018	4 465 307	20 711	2 574 316	2 554 292	20 024
County of Bjelovar-Bilogora	3 093 264	3 039 211	54 053	955 650	930 450	25 200
B Mining and quarrying	74 868	74 868	-	-	-	-
C Manufacturing	3 018 396	2 964 343	54 053	955 650	930 450	25 200
County of Primorje-Gorski kotar	13 044 071	12 983 269	60 802	5 803 703	5 743 196	60 507
B Mining and quarrying	20 915	20 915	-	324	324	-
C Manufacturing	13 023 156	12 962 354	60 802	5 803 379	5 742 872	60 507
County of Lika-Senj	814 593	804 694	9 899	654 267	654 267	-
B Mining and quarrying	5 512	5 512	-	-	-	-
C Manufacturing	809 081	799 182	9 899	654 267	654 267	-
County of Virovitica-Podravina	1 378 543	1 323 664	54 879	645 339	640 712	4 627
B Mining and quarrying	88 990	88 990	-	1 126	1 126	-
C Manufacturing	1 289 553	1 234 674	54 879	644 213	639 586	4 627
County of Požega-Slavonia	1 224 949	1 192 485	32 464	799 515	767 116	32 399
B Mining and quarrying	83 069	83 069	-	-	-	-
C Manufacturing	1 141 880	1 109 416	32 464	799 515	767 116	32 399
County of Slavonski Brod-Posavina	3 737 656	3 648 232	89 424	2 409 755	2 343 749	66 006
B Mining and quarrying	30 022	30 022	-	-	-	-
C Manufacturing	3 707 634	3 618 210	89 424	2 409 755	2 343 749	66 006
County of Zadar	1 999 874	1 999 874	-	1 168 125	1 168 125	-
B Mining and quarrying	20 895	20 895	-	447	447	-
C Manufacturing	1 978 979	1 978 979	-	1 167 678	1 167 678	-
County of Osijek-Baranja	7 293 840	7 256 502	37 338	3 703 250	3 693 219	10 031
B Mining and quarrying	21 319	21 319	-	-	-	-
C Manufacturing	7 272 521	7 235 183	37 338	3 703 250	3 693 219	10 031
County of Šibenik-Knin	1 631 531	1 294 140	337 391	944 139	606 748	337 391
B Mining and quarrying	17 073	17 073	-	2 230	2 230	-
C Manufacturing	1 614 458	1 277 067	337 391	941 909	604 518	337 391
County of Vukovar-Sirmium	2 271 758	2 161 021	110 737	1 240 849	1 168 671	72 178
B Mining and quarrying	8 261	8 261	-	-	-	-
C Manufacturing	2 263 497	2 152 760	110 737	1 240 849	1 168 671	72 178

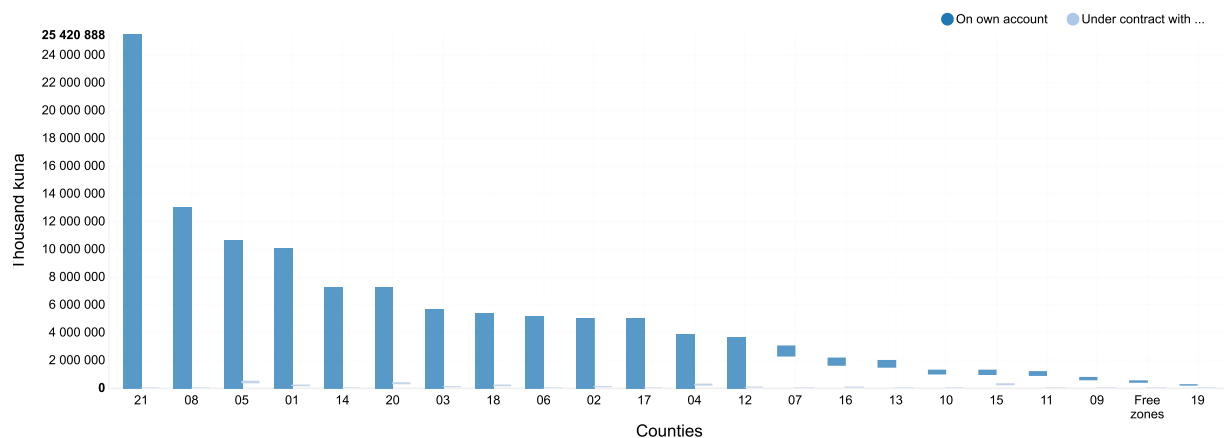
County of Split-Dalmatia	5 013 788	4 984 764	29 024	1 582 752	1 582 752	-
B Mining and quarrying	126 261	126 261	-	29 890	29 890	-
C Manufacturing	4 887 527	4 858 503	29 024	1 552 862	1 552 862	-
County of Istria	5 575 386	5 340 452	234 934	3 461 876	3 439 036	22 840
B Mining and quarrying	112 560	112 560	-	17 059	17 059	-
C Manufacturing	5 462 826	5 227 892	234 934	3 444 817	3 421 977	22 840
County of Dubrovnik-Neretva	260 078	259 658	420	88 220	88 207	13
B Mining and quarrying	11 140	11 140	-	115	115	-
C Manufacturing	248 938	248 518	420	88 105	88 092	13
County of Međimurje	7 624 561	7 198 044	426 517	4 675 813	4 277 231	398 582
B Mining and quarrying	217 174	217 174	-	315	315	-
C Manufacturing	7 407 387	6 980 870	426 517	4 675 498	4 276 916	398 582
City of Zagreb	25 492 537	25 420 888	71 649	12 213 691	12 194 002	19 689
B Mining and quarrying	11 799	11 799	-	-	-	-
C Manufacturing	25 480 738	25 409 089	71 649	12 213 691	12 194 002	19 689
Free zones	555 323	553 940	1 383	67 952	66 836	1 116
B Mining and quarrying	472 957	472 957	-	-	-	-
C Manufacturing	82 366	80 983	1 383	67 952	66 836	1 116

1) In 2021, 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 2021 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, 2019, 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, 2021



**G-7 VALUE OF INDUSTRIAL PRODUCTS SOLD, ON OWN ACCOUNT AND UNDER CONTRACT WITH PRINCIPAL, ACCORDING TO NKD 2007. PRODUCT ACTIVITIES, BY COUNTIES, 2021**



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-Slavoniža	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, 2021<sup>1)</sup>**

PRODCOM 2021 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	4 651 800	3 554 865	12 663 277	5 741 473	5 772 988	4 077 570	11 542 089	5 218 768
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	58 793	1 710 437	10 284	173 631	7 686	208 335	61 392	1 675 733
11.07.19.30	Waters, with added suga, other sweetening matter or flavoured, i.e. soft drinks (including mineral and aerated)	hl	3 076 843	1 673 117	1 335 998	442 916	1 123 530	327 370	3 289 311	1 788 663
27.11.41.80	Liquid dielectric transformers having a power handling capacity > 10 000 kVA	pcs	276	1 668 920	7	11 183	231	1 329 078	52	351 025
11.05.10.00	Beer made from malt (excluding non-alcoholic beer, beer containing ≤ 0.5% by volume of alcohol, alcohol duty)	hl	2 395 612	1 662 307	1 183 148	398 014	546 258	195 652	3 032 502	1 864 669
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 <sup>3</sup>	725 930	1 659 639	80 893	273 824	1 011 215	2 642 224	-204 391	-708 761
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	150 544	1 481 568	13 916	139 295	11 492	134 146	152 968	1 486 717
23.51.12.10	Portland cement	t	2 825 815	1 465 291	444 264	180 179	1 726 562	806 553	1 543 518	838 916
23.63.10.00	Ready-mixed concrete	t	5 096 147	1 111 089	56	216	4 075	880	5 092 128	1 110 424
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	227 544	1 054 568	27 505	106 002	16 140	67 383	238 909	1 093 188

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**



This First Release contains the provisional data of the PRODCOM Survey on Industrial Production (IND-21/PRODCOM form) in 2021. 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 2021, the integral part of which is also the Nomenclature of Industrial Products – NIP 2021. The term "industry" used in this 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 2021., which was derived from the PRODCOM List 2021, 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 2021. Finally, table 3 shows industrial products sold in volume and value terms of the ten most important selected individual products in the Republic of Croatia according to the PRODCOM List 2021 (aggregates of the NIP 2021, products) for the most recent available year, combined with data on imports and exports (external trade data derived from CT 2021) 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 2021.

**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 ten 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 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 ten persons, e.g. small industries such as baking or printing industries and the like.

The PRODCOM Survey for 2021 covered 3 000 enterprises (legal entities and tradesmen) with a response rate of 98.27%, while the non-response estimate was 1.73%.

### **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 2021 IND-21/PRODCOM Survey.

**NIP 2021.** 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 2021., with a further detailed national breakdown.

The **NIP 2021.** 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 PRODCOM Survey is designed to provide for information on 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 2021<sup>1)</sup> includes 3 800 compulsory codes and headings that are mainly used in the compilation of detailed product statistics of the EU. The PRODCOM List for 2021<sup>1)</sup> is based on the version 2.1<sup>2)</sup> (= KPD 2015,<sup>3)</sup> and is linked with the Combined Nomenclature for 2021 (CN 2021) 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 and, 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 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, while, concerning the industrial products sold, he presents only the value of the fee actually paid by a principal for a service of production. In any arrangement for the production or processing on the contract basis, the principal and the producer must belong to different enterprises (business entities), for, 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 ten most important NIP 2021. individual products with comparable exports/imports volume and value data for the same products/commodities or their aggregates at the PRODCOM List 2021 level (originally foreign trade data aggregated at the CN 2021 levels using Customs Tariff 2021). The following formula was used in the calculation: production + imports – exports. The importance criterion of the NIP 2021. 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 2021 will be available in the forthcoming Statistical Report entitled Industrial Production in 2021 – PRODCOM Annual Results, No. 1679, which is planned to be issued by the end of March 2022.

## Abbreviations

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 <sup>3</sup>	cubic metre
mm	millimetre
N	nitrogen
n. e. c.	not elsewhere classified
NACE	Classification of Economic Activities in the European Community
NIP 2021.	Nomenclature of Industrial Products, 2021 version
NKD 2007.	National Classification of Activities, 2007 version
NN	Narodne novine, official gazette of the Republic of Croatia
p. r. s.	put up for retail sale
p/st	pieces/sticks
PRODCOM	PRODUCTION in the COMMUNITY
VAT	value added tax

## Symbols

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



The survey whose data are published in this First Release has been conducted with the financial assistance of the European Union. The contents of this document are the sole responsibility of the Croatian Bureau of Statistics and can under no circumstances be regarded as reflecting the position of the European Union.

**Published by the Croatian Bureau of Statistics, Zagreb, Illica 3, P. O. B. 80.**

Phone: (+385 1) 4806-111  
Press corner: [press@dzs.hr](mailto:press@dzs.hr)

Persons responsible:  
Milenka Primorac Čačić, Director of Business Statistics Directorate  
Lidija Brković, Director General

Prepared by:  
Ivana Zoroja Milić, Goran Dolšak and Luka Mihelj

**USERS ARE KINDLY REQUESTED TO STATE THE SOURCE.**

Customer Relations and Data Protection Department

Information and user requests  
Phone: (+385 1) 4806-138, 4806-154  
E-mail: [stat.info@dzs.hr](mailto:stat.info@dzs.hr)

Subscription  
Phone: (+385 1) 4806-115  
E-mail: [prodaja@dzs.hr](mailto:prodaja@dzs.hr)