



## **PRESS RELEASE**

### **PRODUCTION AND SALES OF MANUFACTURED PRODUCTS (PRODCOM) 2018**

The Hellenic Statistical Authority (ELSTAT) is presenting the results of the Annual Survey on the Production and Sales of Manufactured Products (PRODCOM), pertaining to the production and value of sales in mining and quarrying (section B) and manufacturing (section C) of the Statistical Classification of Economic Activities in the European Community, NACE Rev. 2, for the year 2018.

The Survey on the Production and Sales of Manufactured Products (PRODCOM) is an annual survey which has been conducted since 1993, in accordance with Commission Regulation (EC) No 3924/91 of the Council of 19 December 1991 on the establishment of a Community survey of industrial production.

According to the results of the survey:

- The total value of sales of manufactured products, for 2018 amounted to 43,953.60 million euro, corresponding to 5,376 surveyed enterprises in sections B and C of NACE Rev.2. In 2017, the corresponding value of sold products amounted to 39,182.94 million euro, corresponding to 5,173 surveyed enterprises<sup>(1)</sup> in the same NACE Rev.2 sections (Table 1).
- The total value of sales of manufactured products, corresponding to 4,859 common enterprises in the 2017 and 2018 surveys, amounted to 42,965.49 million euro for 2018 and 38,301.48 million euro for 2017, recording an increase of 12.2% (Table 2).

**Information for methodological issues:**

Business Statistics Division  
Manufacture-Construction Indices and Industrial Products Section  
Head of the Section: Diamantaki Aikaterini  
Tel: +30 213 135 2056  
Fax: +30 213 135 2506  
E-mail: [a.diamantaki@statistics.gr](mailto:a.diamantaki@statistics.gr)

**Information for data provision:**

Tel: +30 213 135 2022, 2308, 2310  
E-mail: [data.dissem@statistics.gr](mailto:data.dissem@statistics.gr)

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(1) The difference between the number of enterprises in 2018 and 2017 is due to the different response rate of the enterprises. The response rate for 2018 amounted to 87.3%.

**Table 1: Total value of sales of manufactured products, by division of economic activity, 2017 - 2018**

Statistical Classification of Economic Activities (NACE Rev.2)		Number of enterprises		Value of sales (million euro)		Contribution to the total value of sales of manufactured products (%)	
		2017	2018	2017	2018	2017	2018
<b>Section B: Mining and Quarrying</b>		<b>177</b>	<b>181</b>	<b>594.16</b>	<b>704.29</b>	<b>1.5</b>	<b>1.6</b>
<b>07</b>	Mining of metal ores	5	13	110.74	129.93	0.3	0.3
<b>08</b>	Other mining and quarrying	172	169	483.41	574.36	1.2	1.3
<b>Section C: Manufacturing</b>		<b>5,059</b>	<b>5,267</b>	<b>38,588.78</b>	<b>43,249.31</b>	<b>98.5</b>	<b>98.4</b>
<b>10</b>	Manufacture of food products	1,464	1,650	8,629.00	9,087.17	22.0	20.7
<b>11</b>	Manufacture of beverages	146	158	1,444.32	1,477.96	3.7	3.4
<b>12</b>	Manufacture of tobacco products	5	5	429.97	422.55	1.1	1.0
<b>13</b>	Manufacture of textiles	172	172	415.63	421.79	1.1	1.0
<b>14</b>	Manufacture of wearing apparel	298	312	390.33	420.53	1.0	1.0
<b>15</b>	Manufacture of leather and related products	68	73	70.83	84.21	0.2	0.2
<b>16</b>	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	173	172	197.60	204.67	0.5	0.5
<b>17</b>	Manufacture of paper and paper products	206	210	1,105.83	1,219.32	2.8	2.8
<b>18</b>	Printing and reproduction of recorded media	220	215	348.14	359.77	0.9	0.8
<b>19</b>	Manufacture of coke and refined petroleum products	16	15	12,312.15	14,844.78	31.4	33.8
<b>20</b>	Manufacture of chemicals and chemical products	285	291	2,311.40	2,469.41	5.9	5.6
<b>21</b>	Manufacture of basic pharmaceutical products and pharmaceutical preparations	52	51	958.96	1,131.03	2.4	2.6
<b>22</b>	Manufacture of rubber and plastic products	370	365	1,544.03	1,586.17	3.9	3.6
<b>23</b>	Manufacture of other non-metallic mineral products	400	383	1,216.88	1,283.83	3.1	2.9
<b>24</b>	Manufacture of basic metals	132	129	3,912.19	4,521.75	10.0	10.3
<b>25</b>	Manufacture of fabricated metal products, except machinery and equipment	556	544	1,202.42	1,370.62	3.1	3.1
<b>26</b>	Manufacture of computer, electronic and optical products	41	40	166.73	171.69	0.4	0.4
<b>27</b>	Manufacture of electrical equipment	200	197	750.89	837.51	1.9	1.9
<b>28</b>	Manufacture of machinery and equipment n.e.c.	277	280	454.77	473.51	1.2	1.1
<b>29</b>	Manufacture of motor vehicles, trailers and semi-trailers	40	41	48.74	56.16	0.1	0.1
<b>30</b>	Manufacture of other transport equipment	29	22	26.15	35.10	0.1	0.1
<b>31</b>	Manufacture of furniture	306	305	242.86	276.65	0.6	0.6
<b>32</b>	Other manufacturing	133	142	112.62	116.50	0.3	0.3
<b>33</b>	Repair and installation of machinery and equipment	212	241	296.32	376.65	0.8	0.9
<b>Total</b>		<b>5,173</b>	<b>5,376</b>	<b>39,182.94</b>	<b>43,953.60</b>		

Notes:

1. The total number of the enterprises does not occur as the sum of the number of enterprises per economic activity (division), as one enterprise may produce products under different divisions.
2. Any difference in the contribution percentages and in the subtotals is due to rounding.

**Table 2: Annual change of the total value of sales of manufactured products of the common enterprises surveyed in the years 2017- 2018**

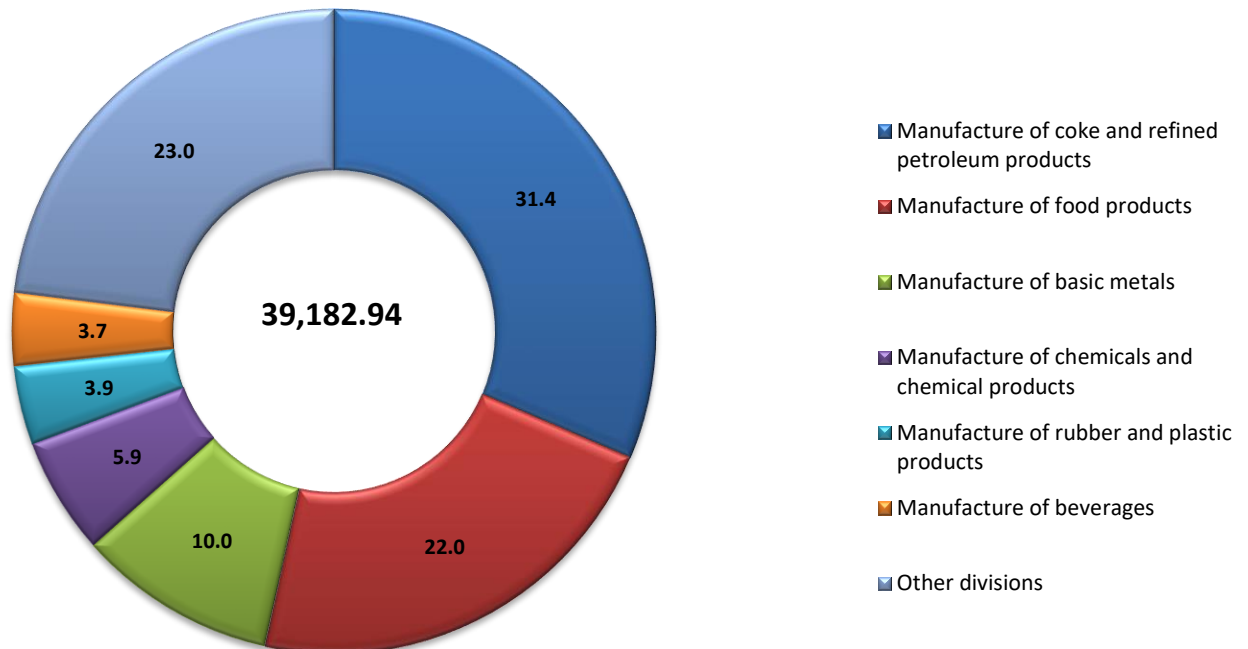
Statistical Classification of Economic Activities (NACE Rev.2)		Value of sales (million euro)		Annual rate of change (%)	Impact of the 2-digit rate of change on the total rate of change (%)
		2017	2018		
<b>Section B: Mining and Quarrying</b>		<b>592.94</b>	<b>695.16</b>	<b>17.24</b>	<b>0.3</b>
<b>07</b>	Mining of metal ores	110.74	128.37	15.91	0.0
<b>08</b>	Other mining and quarrying	482.20	566.80	17.54	0.2
<b>Section C: Manufacturing</b>		<b>37,708.54</b>	<b>42,270.33</b>	<b>12.10</b>	<b>11.9</b>
<b>10</b>	Manufacture of food products	8,554.38	8,817.94	3.08	0.7
<b>11</b>	Manufacture of beverages	1,439.09	1,466.29	1.89	0.1
<b>12</b>	Manufacture of tobacco products	429.97	422.55	-1.73	0.0
<b>13</b>	Manufacture of textiles	409.65	400.37	-2.26	0.0
<b>14</b>	Manufacture of wearing apparel	380.33	375.04	-1.39	0.0
<b>15</b>	Manufacture of leather and related products	70.68	69.18	-2.12	0.0
<b>16</b>	Manufacture of wood and of products of wood except and cork. furniture: manufacture of articles of straw and plaiting materials	195.19	193.37	-0.93	0.0
<b>17</b>	Manufacture of paper and paper products	1,091.13	1,159.36	6.25	0.2
<b>18</b>	Printing and reproduction of recorded media	345.13	346.97	0.53	0.0
<b>19</b>	Manufacture of coke and refined petroleum products	12,312.15	14,844.78	20.57	6.6
<b>20</b>	Manufacture of chemicals and chemical products	2,121.79	2,302.36	8.51	0.5
<b>21</b>	Manufacture of basic pharmaceutical products and pharmaceutical preparations	958.84	1,116.82	16.48	0.4
<b>22</b>	Manufacture of rubber and plastic products	1,520.40	1,544.79	1.60	0.1
<b>23</b>	Manufacture of other non-metallic mineral products	1,203.29	1,234.50	2.59	0.1
<b>24</b>	Manufacture of basic metals	3,467.18	4,471.45	28.97	2.6
<b>25</b>	Manufacture of fabricated metal products. except machinery and equipment	1,163.73	1,332.03	14.46	0.4
<b>26</b>	Manufacture of computer. electronic and optical products	157.73	171.63	8.81	0.0
<b>27</b>	Manufacture of electrical equipment	748.96	814.49	8.75	0.2
<b>28</b>	Manufacture of machinery and equipment n.e.c.	435.28	450.10	3.40	0.0
<b>29</b>	Manufacture of motor vehicles. trailers and semi-trailers	48.74	55.34	13.53	0.0
<b>30</b>	Manufacture of other transport equipment	25.03	27.73	10.81	0.0
<b>31</b>	Manufacture of furniture	240.54	264.60	10.00	0.1
<b>32</b>	Other manufacturing	108.65	108.19	-0.42	0.0
<b>33</b>	Repair and installation of machinery and equipment	280.68	280.42	-0.09	0.0
<b>Total</b>		<b>38,301.48</b>	<b>42,965.49</b>		<b>12.2</b>

Note: Any difference in the contribution percentages and in the subtotals is due to rounding.

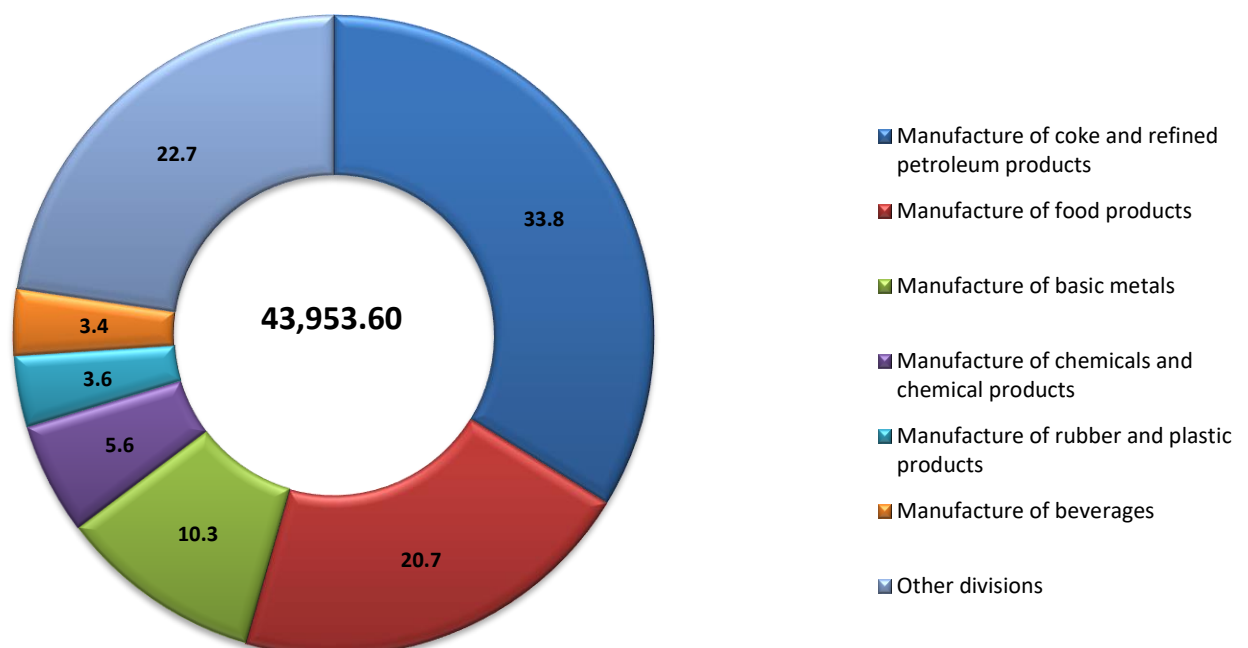
## 1. Divisions with the largest contribution to the total value of sales of manufactured products, 2017 and 2018

The six (6) largest divisions account for 77.3% of the total value of sales of manufactured products in 2018 and for 77.0% of the total value of sales of manufactured products in 2017.

**Graph 1. Percentage contribution (%) to the total value of sales (in million euro) by division of economic activity NACE Rev. 2, 2017**



**Graph 2. Percentage contribution (%) to the total value of sales (in million euro) by division of economic activity NACE Rev. 2, 2018**



## 2. Analysis of the divisions of industry with the largest contribution to the total value of sales of manufactured products, 2017 and 2018

The six (6) two-digit divisions that contribute the most to the total value of sales of manufactured products are analyzed in classes ([four-digit codes of the Statistical Classification of Economic Activities in the European Community, NACE Rev. 2](#)) with the largest contribution to the total value of sales.

### Division 19: Manufacture of coke and refined petroleum products

The value of sales of manufactured products of the division “Manufacture of coke and refined petroleum products” is accumulated from class 1920: Manufacture of refined petroleum products.

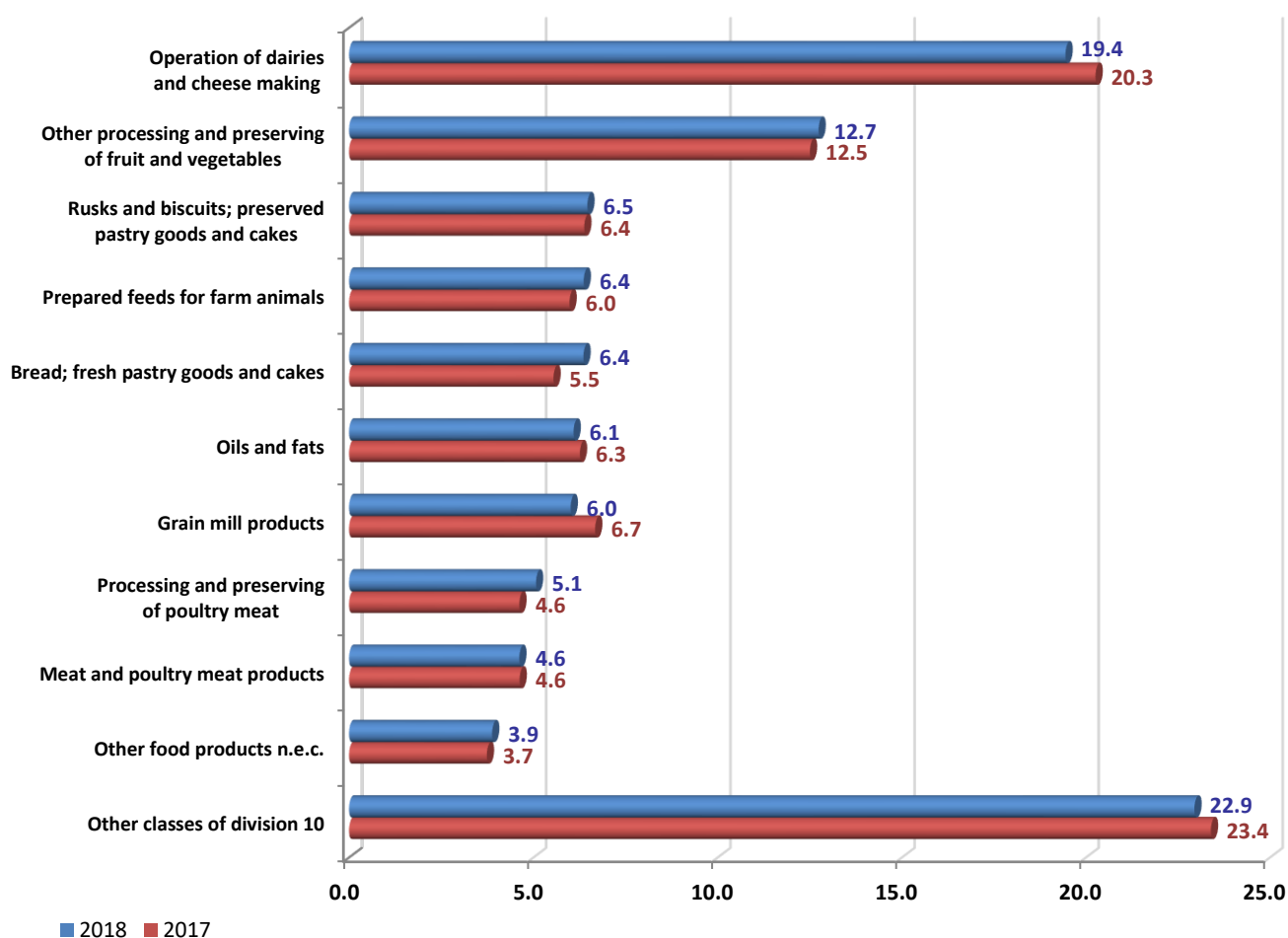
The following products had the greatest contribution to the total value of sales of this division in 2018:

- Fuel Derv: diesel, diesel for machinery and road construction vehicles. Petroleum distillate (180°C to 280°C) used in road / rail transport (Product code: 19.20.26.50), based on the PRODCOM list for 2017,
- Motor gasoline, unleaded: Petroleum distillate (30°C to 220°C) produced for spark ignition motors without TEL or GMI (Product code: 19.20.21.50) and
- Fuel oil LSC (by weight sulphur >1%) (Product code: 19.20.28.70).

### Division 10: Manufacture of food products

The following graph presents the contribution of classes of economic activities NACE Rev. 2, to the value of sales of manufactured products in division manufacture of food products, for the years 2017 and 2018.

**Graph 3. Percentage contribution (%) of classes to the division: Manufacture of food products, 2017 – 2018**



The following products had the greatest contribution to the total value of sales of the division of manufacture of food products, in 2018:

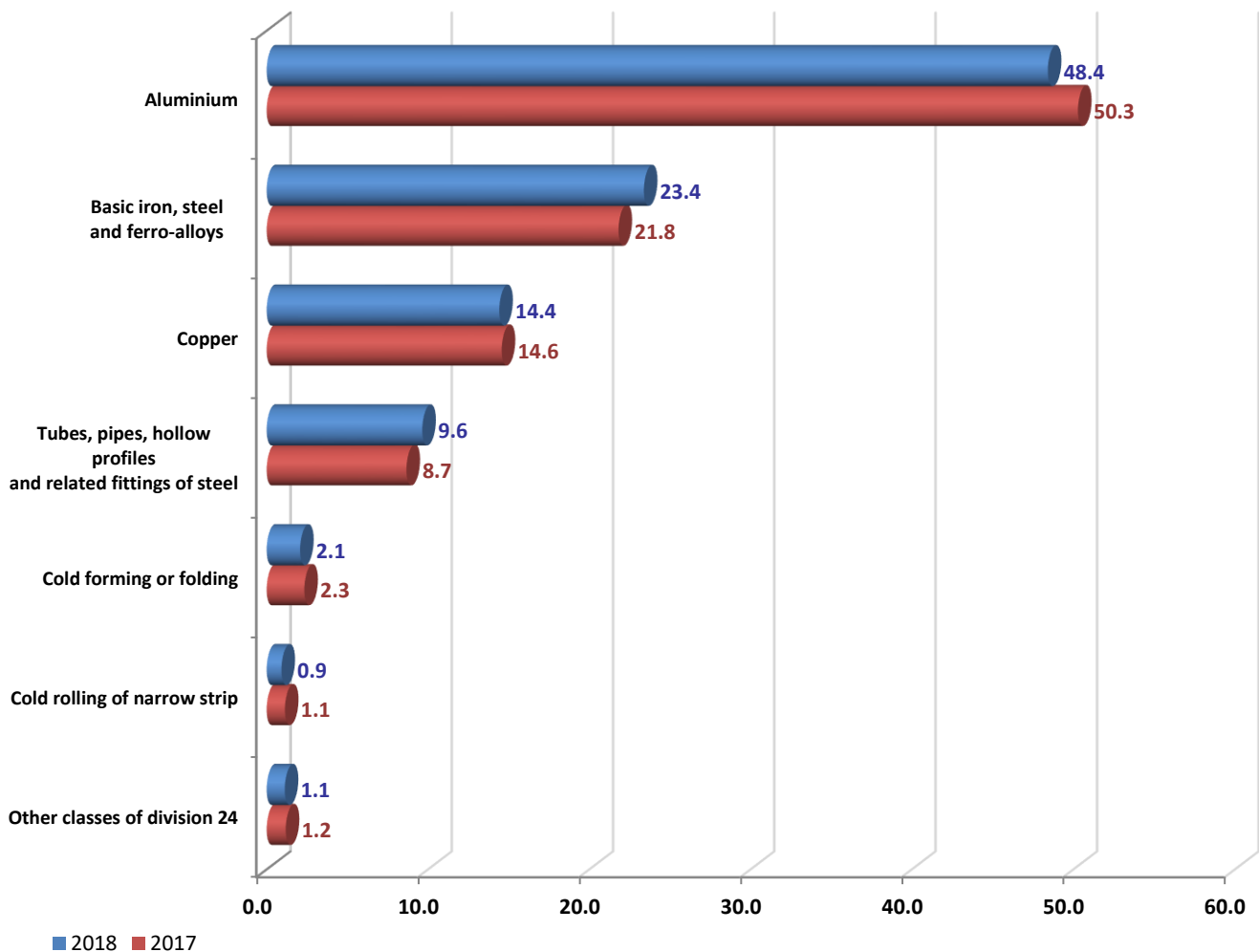
- Grated, powdered, blue-veined and other non-processed cheese (Product code: 10.51.40.50),

- Prepared or preserved olives (excluding prepared vegetable dishes and olives dried, frozen or preserved by vinegar or acetic acid) (Product code: 10.39.17.70),
- Milk and cream of a fat content by weight of  $>1\%$  but  $\leq 6\%$ , not concentrated nor containing added sugar or other sweetening matter, in immediate packings of a net content  $\leq 2$  liters (Product code: 10.51.11.42),
- Cake and pastry products; other bakers' wares with added sweetening matter (Product code: 10.71.12.00)
- Wheat or meslin flour (Product code: 10.61.21.00).

#### Division 24: Manufacture of basic metals

The following graph presents the contribution of classes of economic activities NACE Rev. 2 to the value of sales of manufactured products in division of manufacture of basic metals, for the years 2017 and 2018:

**Graph 4. Percentage contribution (%) of classes to the division: Manufacture of basic metals, 2017 – 2018**



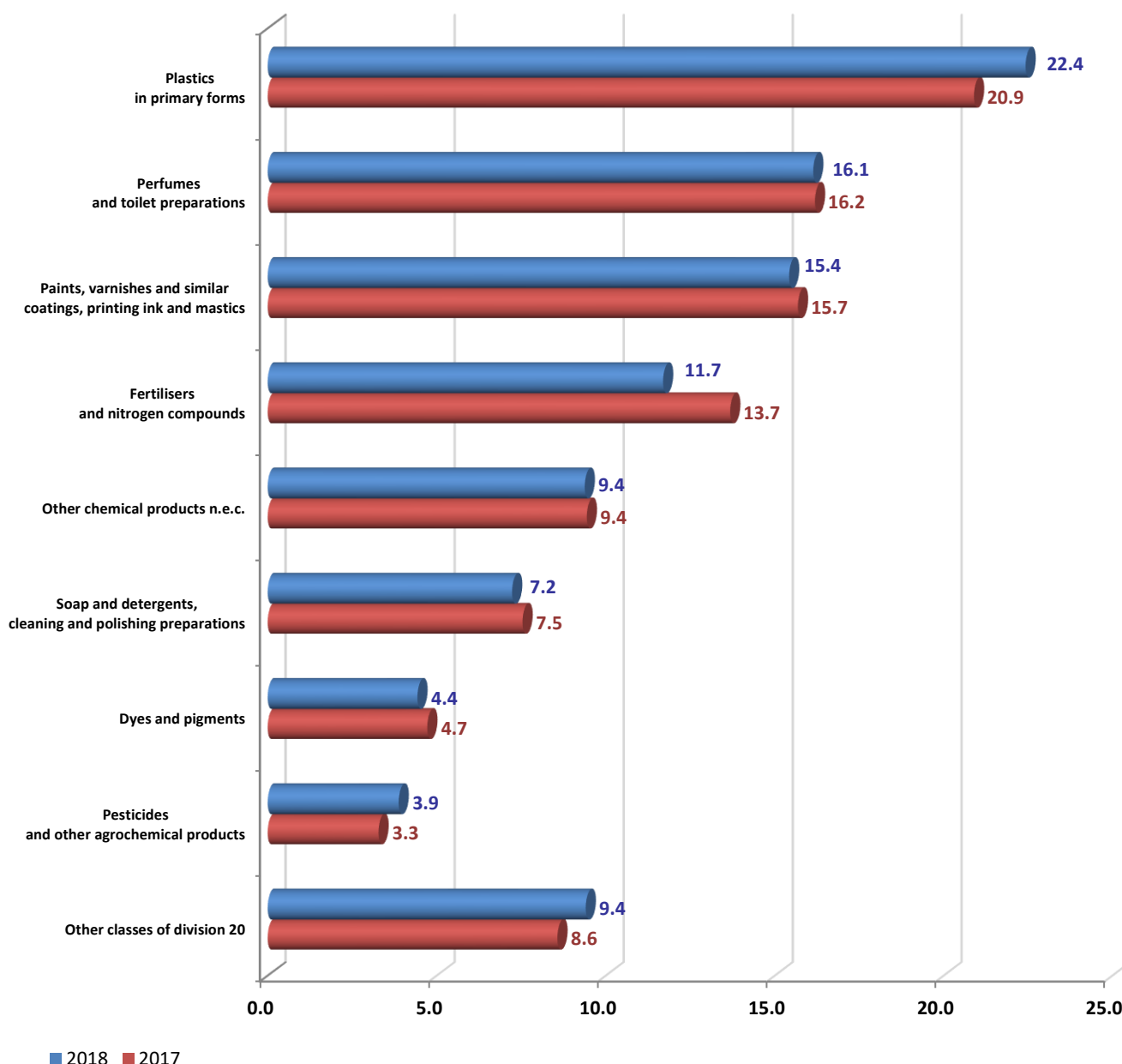
The following products had the greatest contribution to the total value of sales of the division of manufacture of basic metals, in 2018:

- Aluminium alloy plates, sheets and strips  $> 0.2$  mm thick (Product code: 24.42.24.50),
- Copper tubes and pipes (Product code: 24.44.26.30),
- Hot-rolled concrete reinforcing bars (Product code: 24.10.62.10),
- Aluminium foil of a thickness (excluding any backing)  $\leq 0.2$ mm (Product code: 24.42.25.00).

## Division 20: Manufacture of chemicals and chemical products

The following graph presents the contribution of classes of economic activities NACE Rev. 2 to the value of sales of manufactured products in division of manufacture of chemicals and chemical products, for the years 2017 and 2018.

**Graph 5. Percentage contribution (%) of classes to the division: Manufacture of chemicals and chemical products, 2017 - 2018**



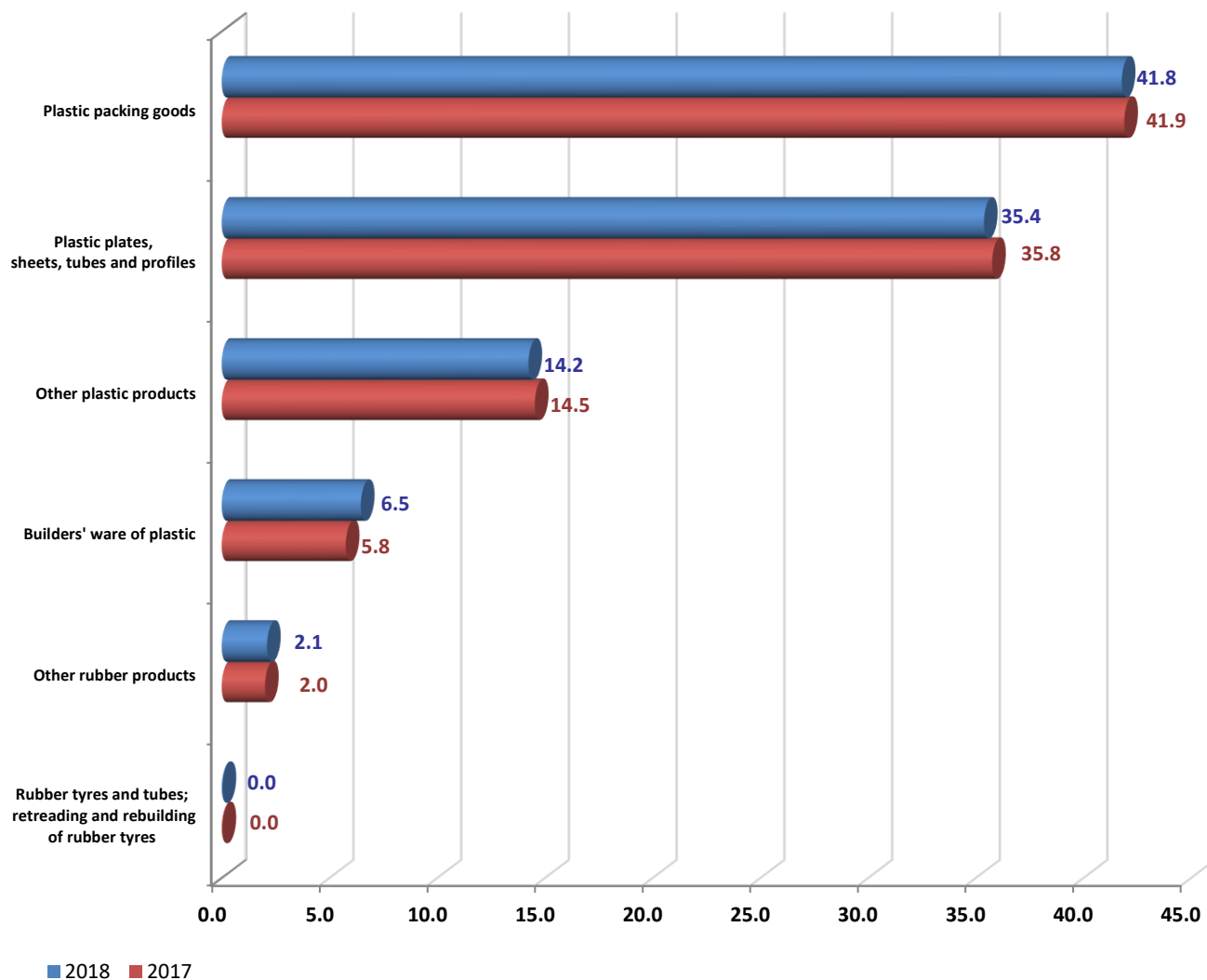
The following products had the greatest contribution to the total value of sales of the division of manufacture of chemicals and chemical products, in 2018:

- Polymers of propylene or of other olefins, in primary forms (excluding polypropylene) (Product code: 20.16.51.50),
- Beauty, make-up and skin care preparations including suntan (excluding medicaments, lip and eye make-up, manicure and pedicure preparations, powders for cosmetic use and talcum powder) (Product code: 20.42.15.00),
- Biodiesel and mixtures thereof, not containing or containing < 70% by weight of petroleum oils or oils obtained from bituminous minerals (Product code: 20.59.58.00),
- Paints and varnishes, based on acrylic or vinyl polymers dispersed or dissolved in an aqueous medium (including enamels and lacquers) (Product code: 20.30.11.50),
- Paints and varnishes, based on polyesters dispersed/dissolved in a non-aqueous medium including enamels and lacquers excluding weight of the solvent > 50 % of the weight of the solution (Product code: 20.30.12.29).

## Division 22: Manufacture of rubber and plastic products

The following graph presents the contribution of classes of economic activities NACE Rev. 2 to the value of sales of manufactured products in division of manufacture of rubber and plastic products, for the years 2017 and 2018.

**Graph 6. Percentage contribution (%) of classes to the division: Manufacture of rubber and plastic products, 2017 - 2018**



The following products had the greatest contribution to the total value of sales of the division manufacture of rubber and plastic products, in 2018:

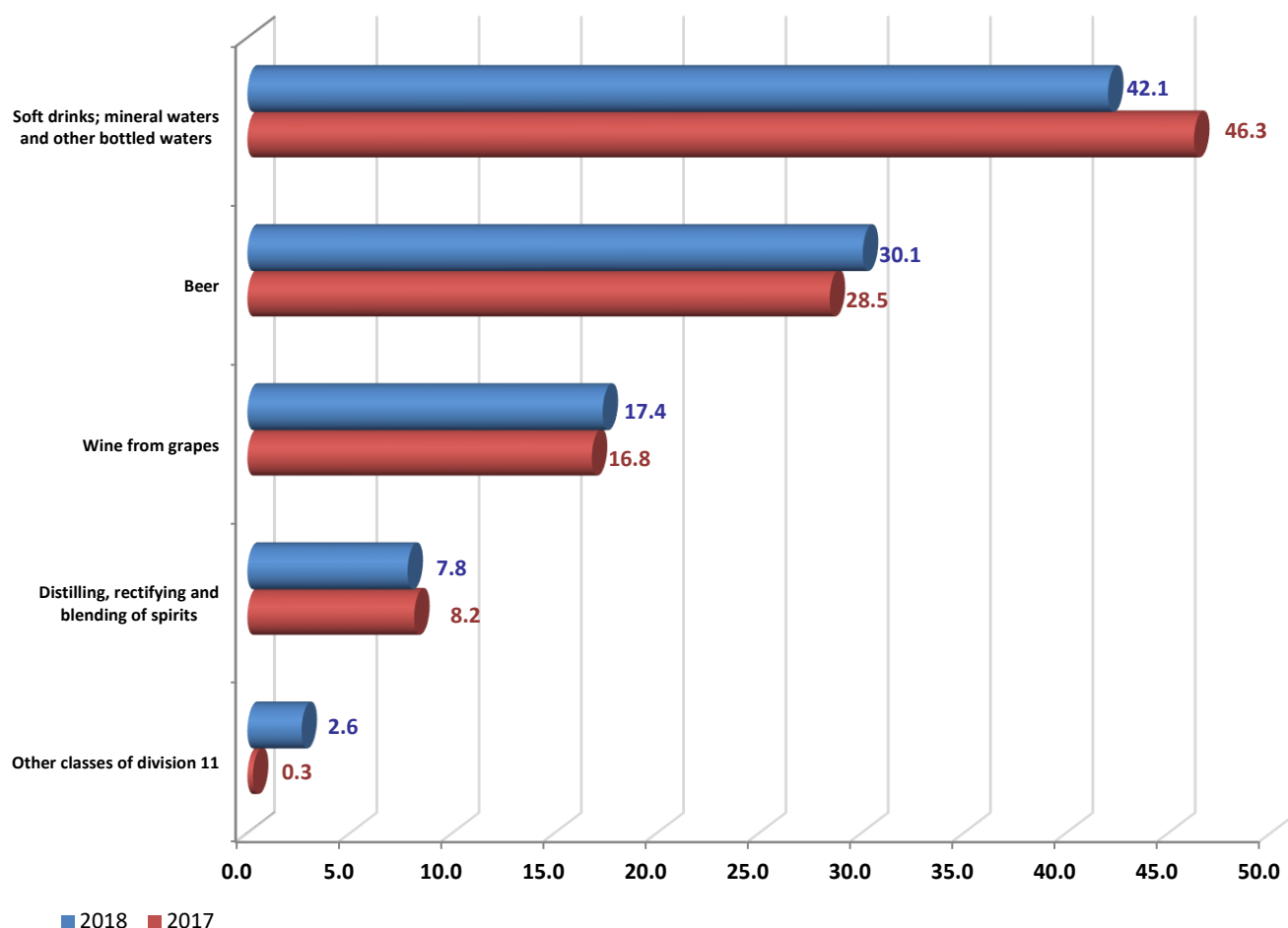
- Articles for the conveyance or packaging of goods, of plastics (excluding boxes, cases, crates and similar articles; sacks and bags, including cones; carboys, bottles, flasks and similar articles; spools, spindles, bobbins and similar supports; stoppers, lids, caps and other closures) (Product code: 22.22.19.50)
- Sacks and bags of polymers of ethylene (including cones) (Product code: 22.22.11.00),
- Plastic boxes, cases, crates and similar articles for the conveyance or packing of goods (Product code: 22.22.13.00),
- Other plates of polymers of ethylene, not reinforced, thickness  $\leq 0.125$  mm (Product code: 22.21.30.10).



## Division 11: Manufacture of beverages

The following graph presents the contribution of classes of economic activities NACE Rev. 2 to the value of sales of manufacture of beverages, for the years 2017 and 2018.

**Graph 7. Percentage contribution (%) of classes to the division: Manufacture of beverages, 2017 - 2018**



The following products had the greatest contribution to the total value of sales of the division manufacture of beverages, in 2018:

- Beer made from malt (excluding non-alcoholic beer, beer containing  $\leq 0.5$  % by volume of alcohol, alcohol duty) (Product code: 11.05.10.00),
- Waters, with added sugar, other sweetening matter or flavoured, i.e. soft drinks (including mineral and aerated) (Product code: 11.07.19.30)
- Mineral waters and aerated waters, unsweetened (Product code: 11.07.11.30),
- Wine and grape must with fermentation prevented or arrested by the addition of alcohol, of an alcoholic strength  $\leq 15\%$  (excluding sparkling wine and wine (PDO)) (Product code: 11.02.12.20).

## Other Divisions

All two-digit divisions of economic activities NACE Rev.2 from 07 to 33, excluding the six most significant ones already presented above are classified to “Other Divisions”.

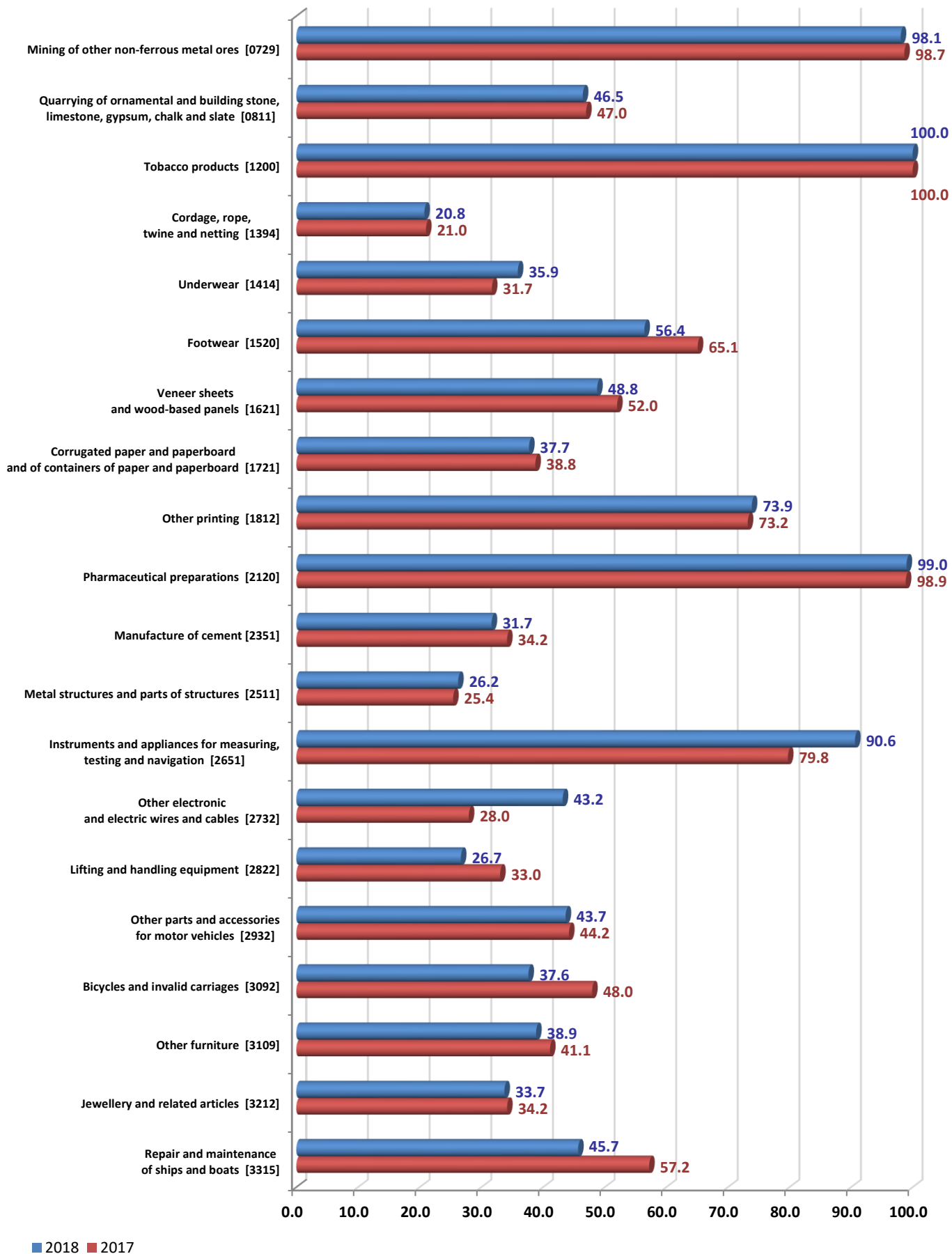
Three of the most significant industrial products manufactured in Greece are classified under other divisions:

- Other medicaments of mixed or unmixed products, p.r.s., n.e.c. (Product code: 21.20.13.80) of division 21: manufacture of basic pharmaceutical products and pharmaceutical preparations,
- Portland cement (Product code: 23.51.12.10) of division 23: manufacture of other non-metallic mineral products,

- Cigarettes containing tobacco or mixtures of tobacco and tobacco substitutes (excluding tobacco duty) (Product code: 12.00.11.50) of division 12: Manufacture of tobacco products.

The following graph presents the contribution of the most significant class to each division of economic activity of other divisions, for the years 2017 and 2018.

***Graph 8. Percentage contribution (%) of the most important classes per division of economic activity (Other Divisions), 2017 - 2018***

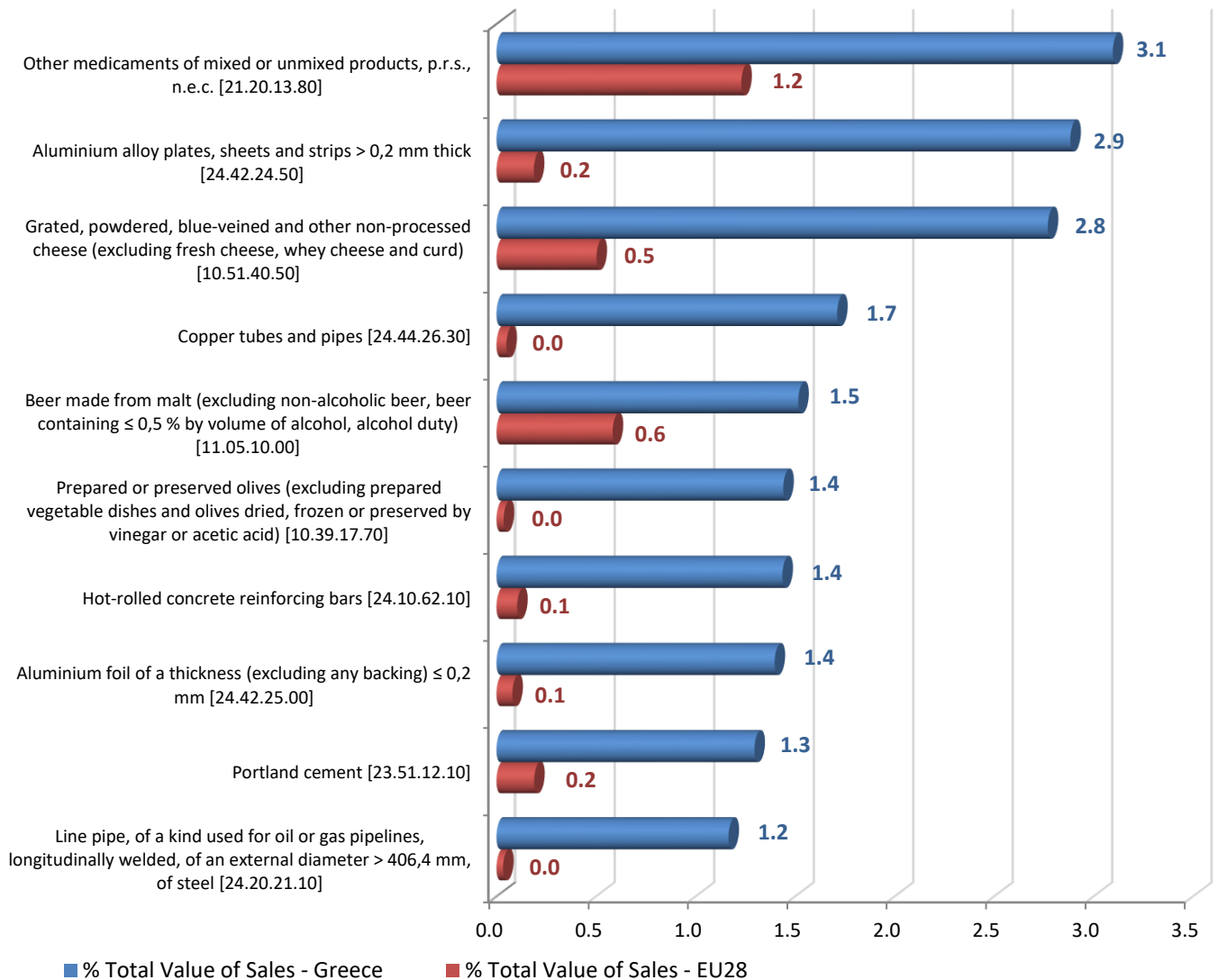


### 3. Top 10 products on the basis of the value of sales, 2018

The following graph presents the 10 most important products at national level, according to their contribution to the total value of sales, excluding the manufacture of coke and refined petroleum products (division 19), which is collected only for national purposes.

The graph also presents the corresponding contribution of these products at European level (EU28).

**Graph 9. Top 10 products according to their percentage contribution (%) to the total value of sales, 2018**

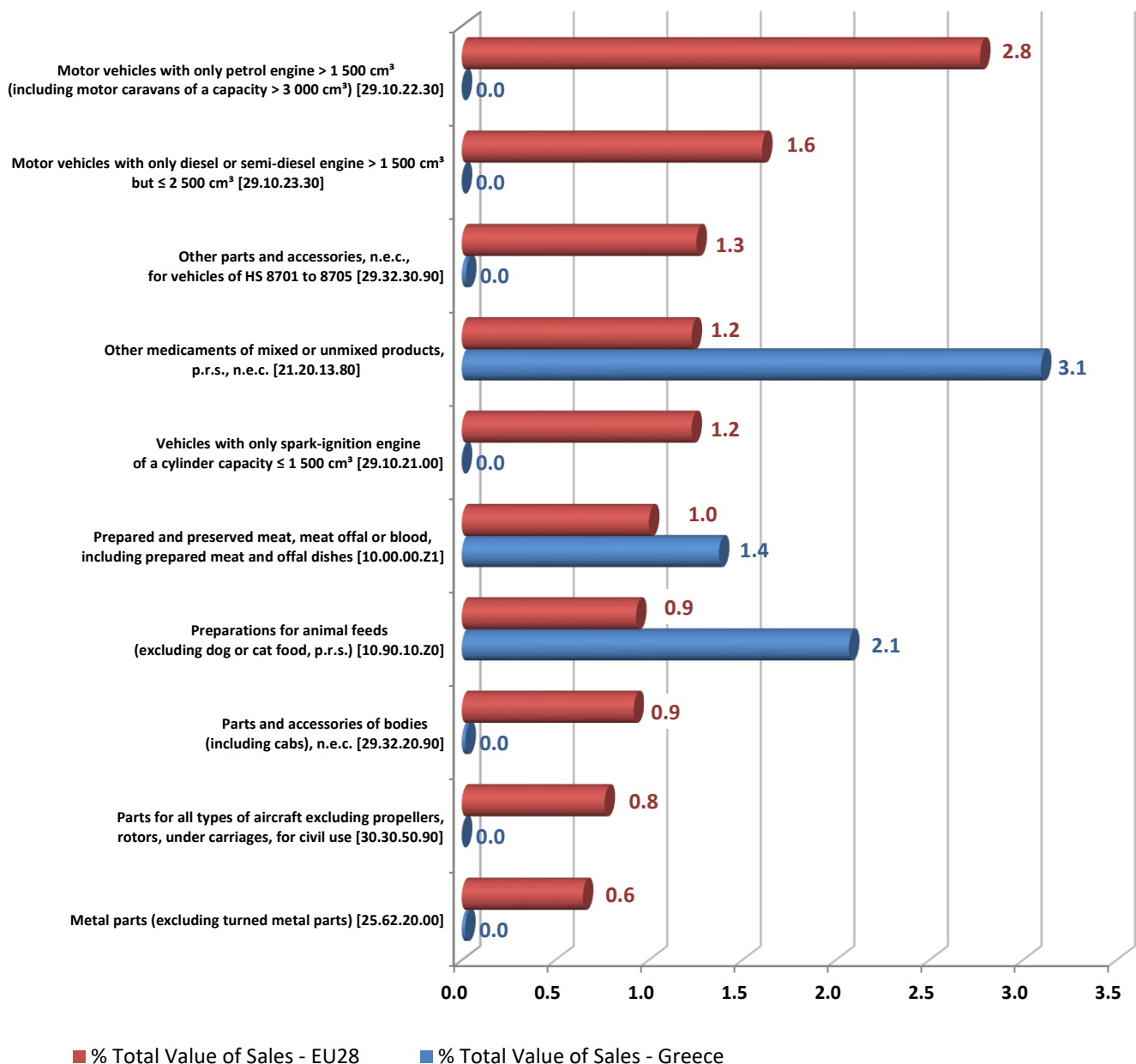


#### 4. European Union: Top 10 products on the basis of the value of sales, 2018

The following graph presents the 10 most important products according to their contribution to the total value of sales in the European Union.

The graph also presents the corresponding contribution for these products at national level, excluding the manufacture of coke and refined petroleum products (division 19), which is collected only for national purposes.

**Graph 10. EU: Top 10 products according to their percentage contribution (%) to the total value of sales, 2018**



Source: Eurostat

The data published by Eurostat do not include products classified to the class 1920 "Manufacture of Petroleum Products". Moreover, data for Cyprus, Malta and Luxembourg are also not included, in accordance with Article 3 (4) of Commission Regulation No 3924/91 of 19 December of 1991, stipulating that where the production of Member State's undertakings in a class of the Statistical Classification of Economic Activities in the European Community (NACE), represents less than 1% of the Community total, the data on the headings in that class may not be reported.

## METHODOLOGICAL NOTES

<b>Production and Sales of Manufactured Products</b>	<p>The annual Survey of Production and Sales of Manufactured Products (PRODCOM) is an annual survey, which is carried out since 1993, pursuant to Council Regulation (EEC) No 3924/91, of 19 December 1991, on the establishment of a Community survey on industrial production.</p> <p>The title comes from the French “PRODUCTION COMMUNAUTAIRE” (Community Production). The main purpose of PRODCOM statistics is the collection and dissemination of statistics on production of industrial products, which takes place in Greece, as well as on the sold production that may take place out of Greece.</p> <p>The statistical outputs for each industrial product are:</p> <ul style="list-style-type: none"><li>- The physical volume of total production manufactured (in units of measurement as defined in the PRODCOM list) for the reference year.</li><li>- The physical volume of products sold (in units of measurement as defined in the PRODCOM list) for the reference year, regardless the time of production.</li><li>- The value of products sold (in euro) for the reference year.</li></ul> <p>Within the PRODCOM framework the following are also recorded:</p> <ul style="list-style-type: none"><li>- Contract processing, per PRODCOM heading (only quantity of production and contractor’s payment).</li><li>- Industrial services (treatment, repairs and maintenance and assembly work).</li></ul>
<b>Legal Framework</b>	<ul style="list-style-type: none"><li>- <a href="#">Council Regulation (EEC) No 3924/91, of 19 December 1991</a>, on the establishment of a Community survey on industrial production.</li><li>- <a href="#">Commission Regulation (EC) No 912/2004 of 29 April 2004</a> implementing Council Regulation (EEC) No 3924/91, on the establishment of a Community survey on industrial production.</li></ul>
<b>Reference period</b>	Calendar year
<b>Reference area</b>	The whole of the country
<b>Survey methodology</b>	<p><u>Coverage of economic activities</u></p> <p>The survey covers the divisions of the Statistical Classification of Economic Activities in the European Community (NACE Rev. 2) under sections B (Mining and Quarrying) and C (Manufacturing) and more specifically, Divisions 07-33.</p> <ul style="list-style-type: none"><li>07: Mining of metal ores</li><li>08: Other mining and quarrying</li><li>10: Manufacture of food products</li><li>11: Manufacture of beverages</li><li>12: Manufacture of tobacco products</li><li>13: Manufacture of textiles</li><li>14: Manufacture of wearing apparel</li><li>15: Manufacture of leather and related products</li><li>16: Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials</li><li>17: Manufacture of paper and paper products</li><li>18: Printing and reproduction of recorded media</li><li>19: Manufacture of coke and refined petroleum products</li><li>20: Manufacture of chemicals and chemical products</li><li>21: Manufacture of basic pharmaceutical products and pharmaceutical preparations</li><li>22: Manufacture of rubber and plastic products</li><li>23: Manufacture of other non-metallic mineral products</li><li>24: Manufacture of basic metals</li><li>25: Manufacture of fabricated metal products, except machinery and equipment</li><li>26: Manufacture of computer, electronic and optical products</li><li>27: Manufacture of electrical equipment</li><li>28: Manufacture of machinery and equipment n.e.c.</li><li>29: Manufacture of motor vehicles, trailers and semi-trailers</li><li>30: Manufacture of other transport equipment</li><li>31: Manufacture of furniture</li><li>32: Other manufacturing</li><li>33: Repair and installation of machinery and equipment</li></ul>

### Target population

The surveyed population includes all the active enterprises in the above-mentioned divisions with an average annual employment of 10 persons and more. However, in some cases, depending on the representativeness of the product and of the turnover, enterprises that employ less than 10 persons are surveyed as well.

The frame used for determining the surveyed units is based on the Business Register of ELSTAT.

### PRODCOM list

The classification of the 2017 and 2018 PRODCOM survey was based on the PRODCOM list for 2017 ([Commission Regulation No 2017/2119, of 22 November 2017](#)).

The 8-digit PRODCOM headings correspond to the [European Classification of Economic Activities](#) (NACE Rev. 2), at 4-digit level and to the [European Classification of Products by Activity \(CPA\)](#) at 6-digit level.

### Data comparison

- The percentage contribution per division to the total value of sales of manufactured products is calculated for the total number of surveyed enterprises.
- The annual changes of the total value of sales of products are calculated from the two years' common enterprises.

## **References**

More information (tabulated data, metadata, questionnaire) on the Survey on the Production and Sales of Manufactured Products are available on the portal of ELSTAT (<http://www.statistics.gr/en/home/>), Section Industry, Trade, Services, Transport, Subsection Manufacturing Products, Manufacturing Products (PRODCOM): Production and Sales or in the link: (<https://www.statistics.gr/en/statistics/-/publication/SIN06/->).