



**HELLENIC REPUBLIC**  
**HELLENIC STATISTICAL AUTHORITY**

Piraeus, March 22, 2018

## **PRESS RELEASE**

### **PRODUCTION AND SALES OF MANUFACTURED PRODUCTS (PRODCOM) 2016**

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 2016.

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 2016 amounted to 33,661.91 million euro, corresponding to 4,625 surveyed enterprises in sections B and C of NACE Rev.2. In 2015, the corresponding value of sold production amounted to 34,499.99 million euro<sup>1</sup>, corresponding to 4,596 surveyed enterprises in the same NACE Rev.2 sections (Table 1).
- The total value of sales of manufactured products of the common enterprises in the 2015 and 2016 surveys amounted to 32,681.49 million euro for 2016 and 33,768.09 million euro for 2015, recoding a decrease of 3.2 % (Table 2).

The current press release presents the divisions of industry with the largest contribution to the total value of sales of manufactured products (Graphs 1, 2), as well as their contribution to the growth of the total value of sales (Table 2).

Moreover, it presents an analysis of the divisions of economic activity with the largest contribution to the total value of sales, at the level of four-digit NACE Rev.2 classes and at the level of products (Graphs 3 to 8).

Finally, this press release presents the 10 most significant products, on the basis of the value of sales, both in Greece and in the European Union (Graphs 9, 10).

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<sup>1</sup> The difference between the number of enterprises in 2016 and 2015 is due to the different response rate of the enterprises. The response rate for 2016 amounted to 75.3%.

**Table 1: Total value of sales of manufactured products, by division of economic activity, 2015, 2016**

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 (%)	
		2015	2016	2015	2016	2015	2016
<b>Section B: Mining and Quarrying</b>		<b>163</b>	<b>175</b>	<b>440.77</b>	<b>517.74</b>	<b>1.3</b>	<b>1.5</b>
<b>07</b>	Mining of metal ores	4	4	102.15	99.55	0.3	0.3
<b>08</b>	Other mining and quarrying	160	173	338.62	418.18	1.0	1.2
<b>Section C: Manufacturing</b>		<b>4,468</b>	<b>4,499</b>	<b>34,059.22</b>	<b>33,144.17</b>	<b>98.7</b>	<b>98.5</b>
<b>10</b>	Manufacture of food products	1,142	1,162	7,822.97	7,934.62	22.7	23.6
<b>11</b>	Manufacture of beverages	123	125	1,194.23	1,160.24	3.5	3.4
<b>12</b>	Manufacture of tobacco products	6	5	451.85	459.09	1.3	1.4
<b>13</b>	Manufacture of textiles	164	166	368.63	392.87	1.1	1.2
<b>14</b>	Manufacture of wearing apparel	289	273	330.43	327.84	1.0	1.0
<b>15</b>	Manufacture of leather and related products	72	64	51.22	63.25	0.1	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	155	160	158.46	167.42	0.5	0.5
<b>17</b>	Manufacture of paper and paper products	181	187	1,021.72	1,053.70	3.0	3.1
<b>18</b>	Printing and reproduction of recorded media	212	209	329.73	335.07	1.0	1.0
<b>19</b>	Manufacture of coke and refined petroleum products	7	11	10,561.59	9,373.10	30.6	27.8
<b>20</b>	Manufacture of chemicals and chemical products	236	252	2,126.86	2,095.87	6.2	6.2
<b>21</b>	Manufacture of basic pharmaceutical products and pharmaceutical preparations	49	51	948.08	900.76	2.7	2.7
<b>22</b>	Manufacture of rubber and plastic products	354	360	1,347.96	1,440.66	3.9	4.3
<b>23</b>	Manufacture of other non-metallic mineral products	383	393	1,117.37	1,202.62	3.2	3.6
<b>24</b>	Manufacture of basic metals	128	133	3,317.13	3,233.24	9.6	9.6
<b>25</b>	Manufacture of fabricated metal products, except machinery and equipment	526	526	1,019.49	1,120.19	3.0	3.3
<b>26</b>	Manufacture of computer, electronic and optical products	35	36	161.32	168.09	0.5	0.5
<b>27</b>	Manufacture of electrical equipment	189	189	784.57	762.92	2.3	2.3
<b>28</b>	Manufacture of machinery and equipment n.e.c.	245	255	385.61	363.60	1.1	1.1
<b>29</b>	Manufacture of motor vehicles, trailers and semi-trailers	36	34	53.44	42.07	0.2	0.1
<b>30</b>	Manufacture of other transport equipment	23	25	23.35	23.72	0.1	0.1
<b>31</b>	Manufacture of furniture	288	295	213.07	229.96	0.6	0.7
<b>32</b>	Other manufacturing	112	119	91.52	98.76	0.3	0.3
<b>33</b>	Repair and installation of machinery and equipment	161	172	178.66	194.50	0.5	0.6
<b>Total</b>		<b>4,596</b>	<b>4,625</b>	<b>34,499.99</b>	<b>33,661.91</b>		

Note: 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.

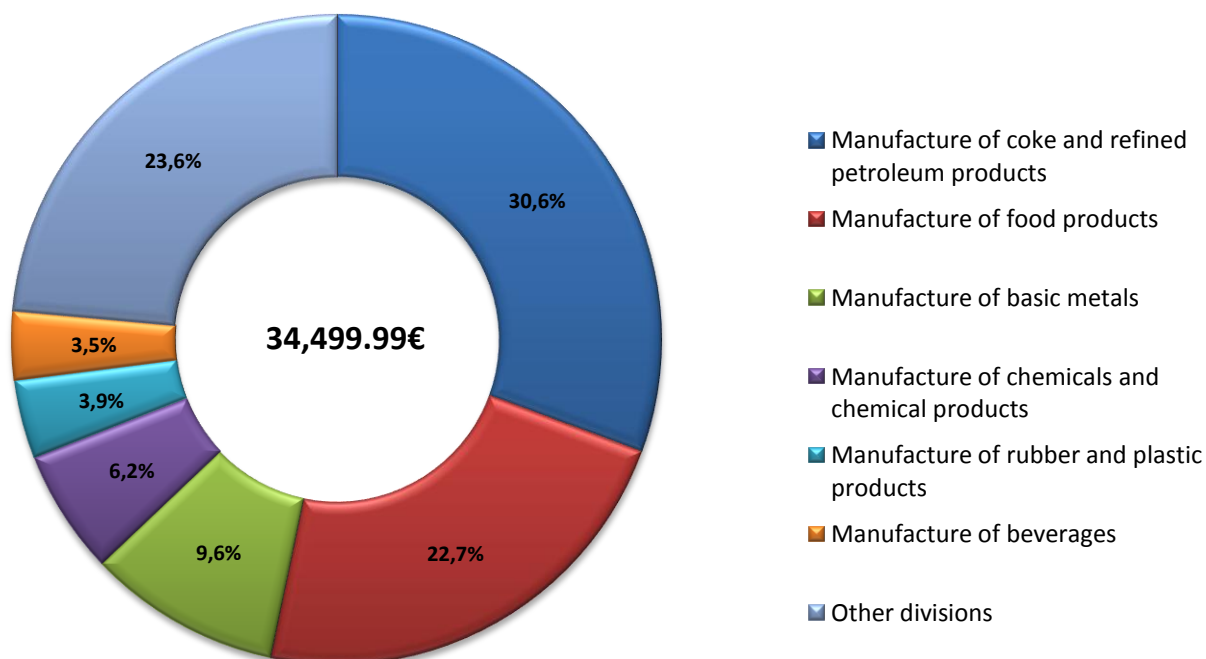
**Table 2: Annual change of the total value of sales of manufactured products of the common enterprises in the 2015 and 2016 surveys**

Statistical Classification of Economic Activities (NACE Rev.2)		Value of sales (million euro)		Annual Change (%)	Contribution to growth of the total value of sales (%)
		2015	2016		
<b>Section B: Mining and Quarrying</b>		<b>424.13</b>	<b>508.92</b>	<b>19.99</b>	<b>0.3</b>
<b>07</b>	Mining of metal ores	94.37	99.55	5.49	0.0
<b>08</b>	Other mining and quarrying	329.76	409.37	24.14	0.2
<b>Section C: Manufacturing</b>		<b>33,343.96</b>	<b>32,175.57</b>	<b>-3.51</b>	<b>-3.5</b>
<b>10</b>	Manufacture of food products	7,697.62	7,729.90	0.42	0.1
<b>11</b>	Manufacture of beverages	1,148.88	1,132.73	-1.41	0.0
<b>12</b>	Manufacture of tobacco products	432.89	459.09	6.05	0.1
<b>13</b>	Manufacture of textiles	365.22	374.66	2.58	0.0
<b>14</b>	Manufacture of wearing apparel	321.10	308.36	-3.97	0.0
<b>15</b>	Manufacture of leather and related products	50.48	58.43	15.76	0.0
<b>16</b>	Manufacture of wood and of products of wood and cork. except furniture' manufacture of articles of straw and plaiting materials	157.39	162.73	3.39	0.0
<b>17</b>	Manufacture of paper and paper products	992.61	1,039.61	4.73	0.1
<b>18</b>	Printing and reproduction of recorded media	318.44	328.11	3.04	0.0
<b>19</b>	Manufacture of coke and refined petroleum products	10,561.59	9,371.35	-11.27	-3.5
<b>20</b>	Manufacture of chemicals and chemical products	2,124.75	1,939.10	-8.74	-0.5
<b>21</b>	Manufacture of basic pharmaceutical products and pharmaceutical preparations	947.17	896.75	-5.32	-0.1
<b>22</b>	Manufacture of rubber and plastic products	1,343.53	1,409.33	4.90	0.2
<b>23</b>	Manufacture of other non-metallic mineral products	1,112.95	1,188.82	6.82	0.2
<b>24</b>	Manufacture of basic metals	2,879.47	2,953.09	2.56	0.2
<b>25</b>	Manufacture of fabricated metal products. except machinery and equipment	1,014.97	1,074.04	5.82	0.2
<b>26</b>	Manufacture of computer. electronic and optical products	161.32	168.00	4.14	0.0
<b>27</b>	Manufacture of electrical equipment	780.93	671.54	-14.01	-0.3
<b>28</b>	Manufacture of machinery and equipment n.e.c.	377.69	355.69	-5.82	-0.1
<b>29</b>	Manufacture of motor vehicles. trailers and semi-trailers	52.79	42.07	-20.30	0.0
<b>30</b>	Manufacture of other transport equipment	23.35	23.72	1.60	0.0
<b>31</b>	Manufacture of furniture	209.53	221.86	5.88	0.0
<b>32</b>	Other manufacturing	91.25	93.02	1.94	0.0
<b>33</b>	Repair and installation of machinery and equipment	178.04	170.57	-4.20	0.0
<b>Total</b>		<b>33,768.09</b>	<b>32,681.49</b>	<b>-3.2</b>	<b>-3.2</b>

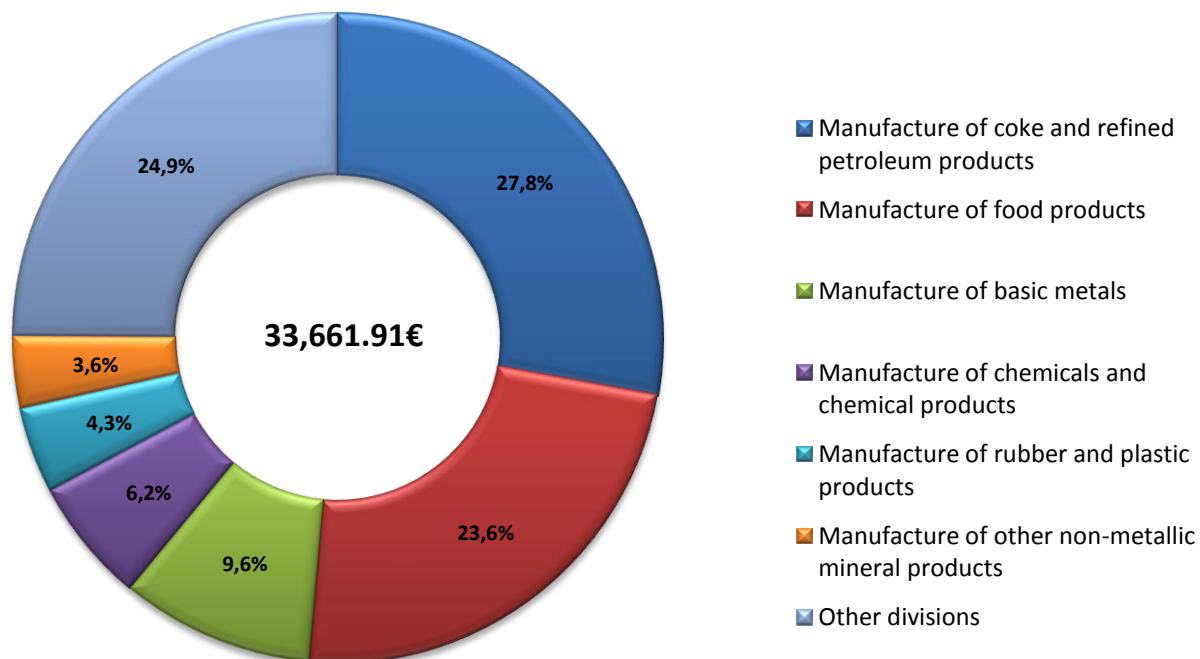
## 1. Divisions with the largest contribution to the total value of sales of manufactured products, 2015 and 2016

The six (6) largest divisions account for 75.1% of the total value of sales of manufactured products in 2016 and for 76.4% of the total value of sales of manufactured products in 2015.

**Graph 1. Total value of sales in million euros by division of economic activity NACE Rev. 2, 2015**



**Graph 2. Total value of sales in million euros by division of economic activity NACE Rev. 2, 2016**



## 2. Analysis of the divisions of industry with the largest contribution to the total value of sales of manufactured products, 2015 and 2016

The six (6) two-digit divisions that contribute the most to the total value of sales of industrial 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”, for which data have been reported.

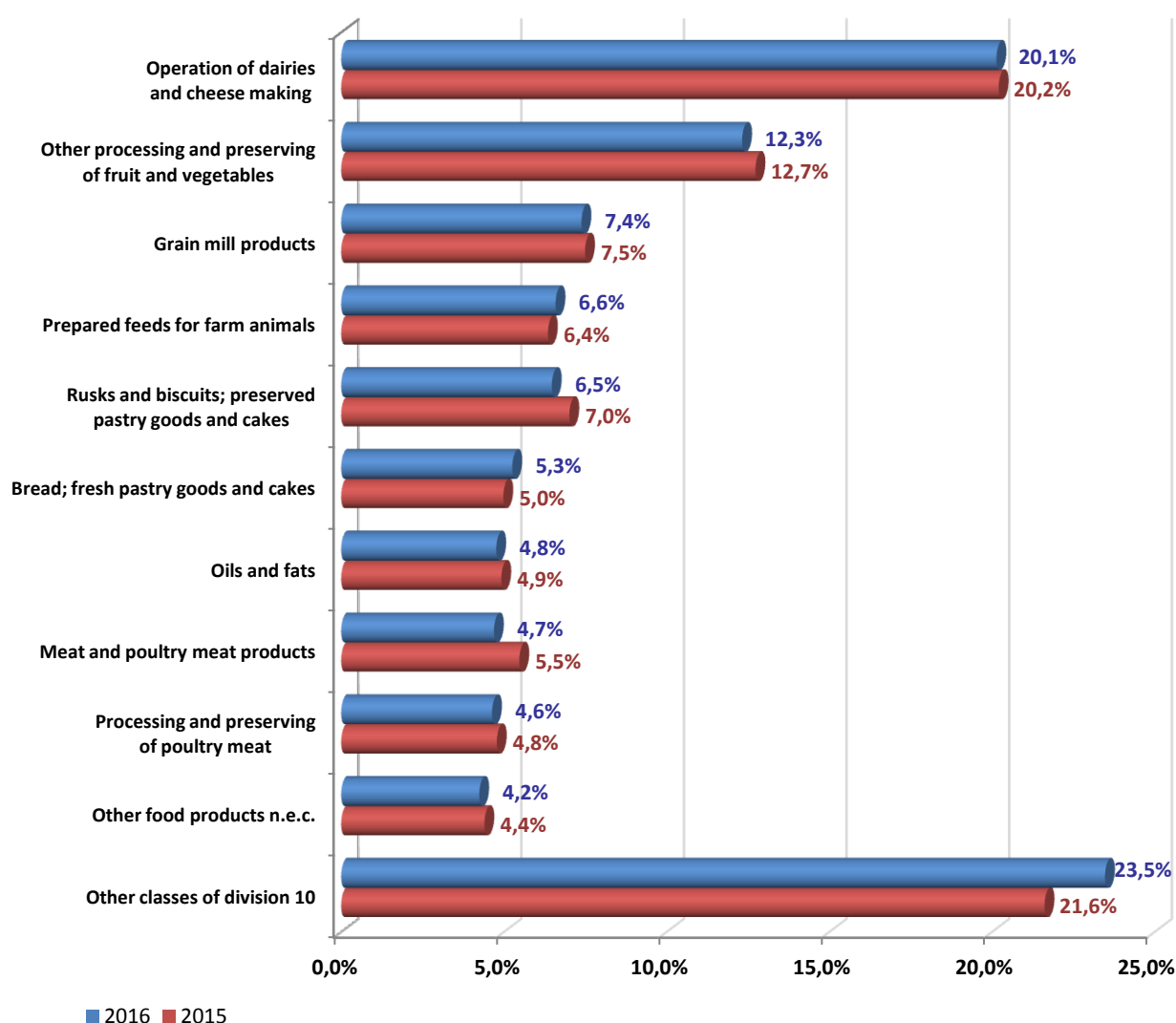
The following products had the greatest contribution to the total value of sales of this division, in 2016:

- 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),
- 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 sulfur > 1%) (Product code: 19.20.28.70).

### Division 10: Manufacture of food products (Division 10)

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 2015 and 2016.

**Graph 3. Contribution of classes to the division manufacture of food products, 2015, 2016**



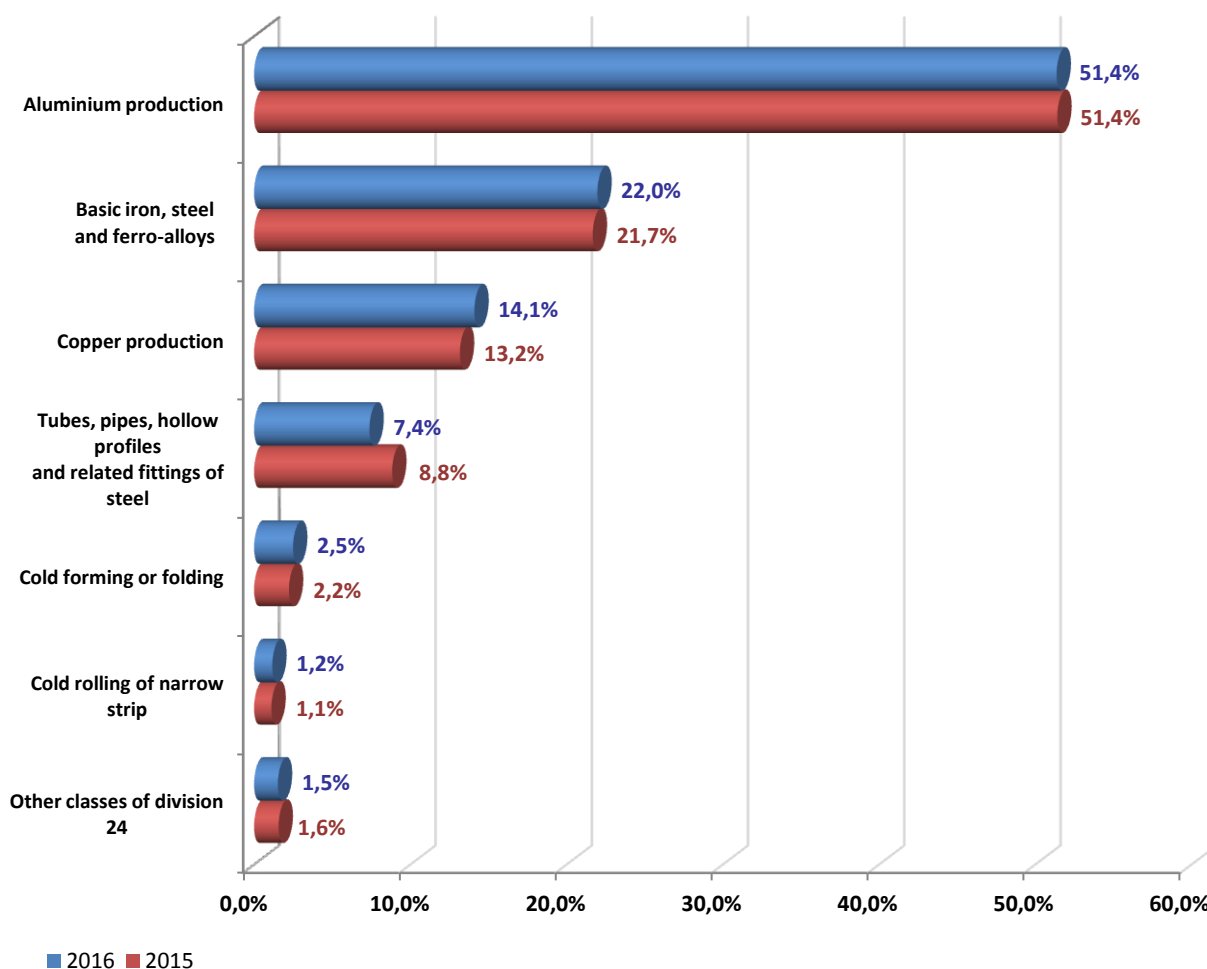
The following products had the greatest contribution to the total value of sales of the division of manufacture of food products, in 2016:

- Grated, powdered, blue-veined and other non-processed cheese (excluding fresh cheese, whey cheese and curd) (Product code: 10.51.40.50),
- 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 lt (Product code: 10.51.11.42).
- Wheat or meslin flour (Product code: 10.61.21.00),
- Curdled milk, cream, yogurt and other fermented products (Product code: 10.51.52.41).

#### 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 2015 and 2016:

**Graph 4. Contribution of classes to the division manufacture of basic metals, 2015, 2016**



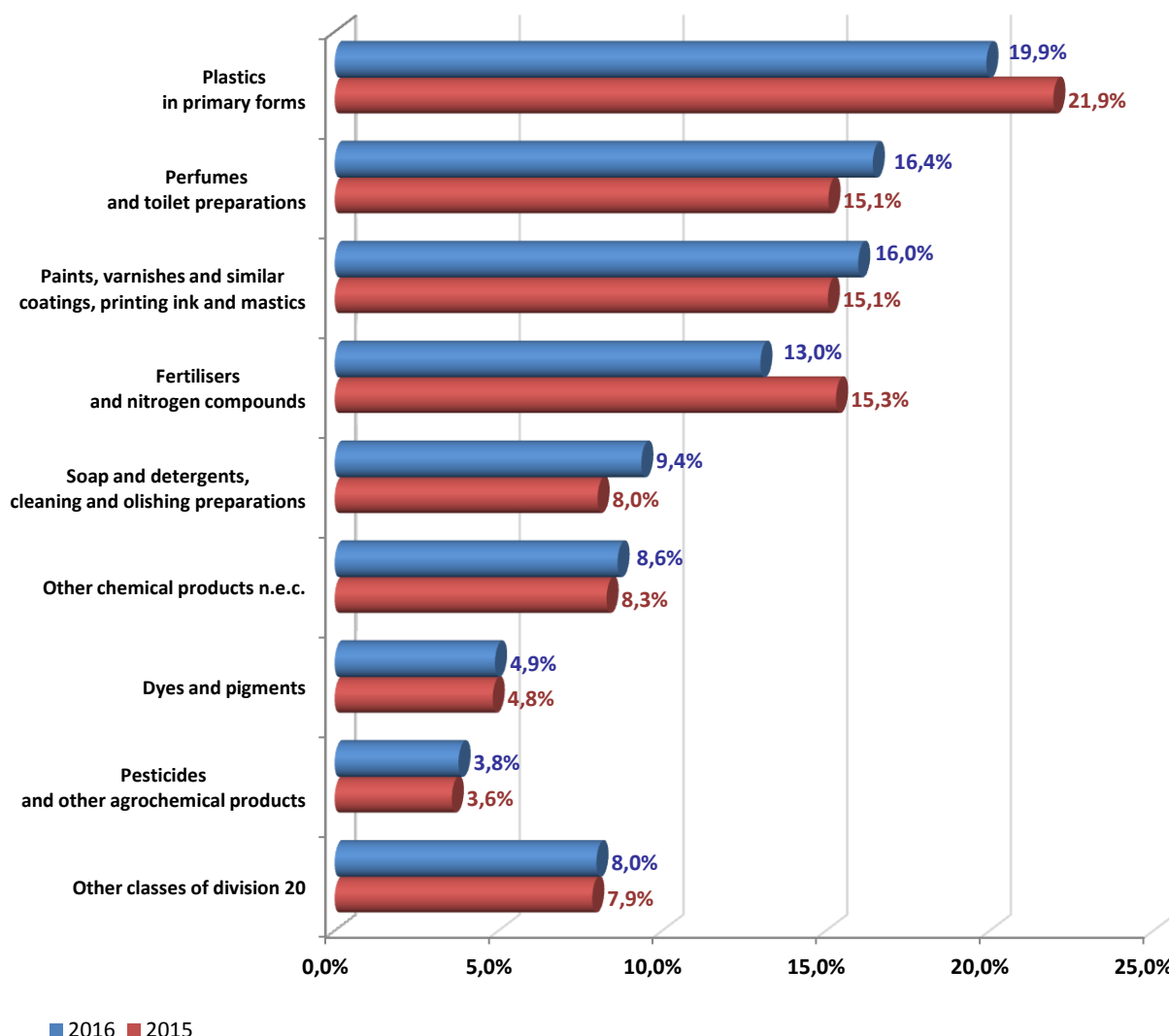
The following products had the greatest contribution to the total value of sales of the division of manufacture of basic metals, in 2016:

- 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) ≤ 0.2mm (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 2015 and 2016.

**Graph 5. Contribution of classes to the division manufacture of chemicals and chemical products, 2015, 2016**



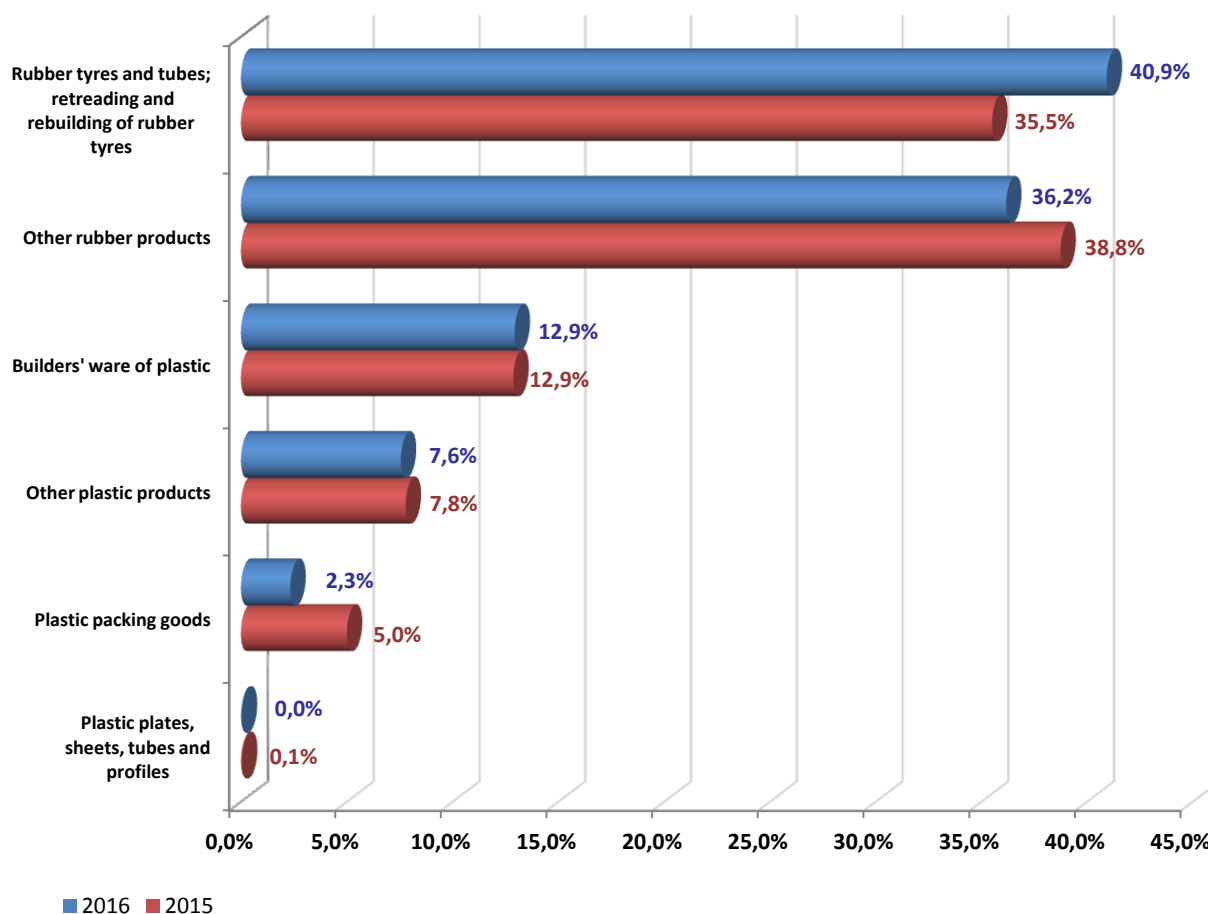
The following products had the greatest contribution to the total value of sales of the division of manufacture of chemicals and chemical products, in 2016:

- 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),
- Washing preparations and cleaning preparations, with or without soap, p.r.s. including auxiliary washing preparations excluding those for use as soap, surface-active preparations (Product code: 20.41.32.50),
- 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).

## 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 2015 and 2016.

**Graph 6. Contribution of classes to the division manufacture of rubber and plastic products, 2015, 2016**



The following products had the greatest contribution to the total value of sales of the division manufacture of rubber and plastic products, in 2016:

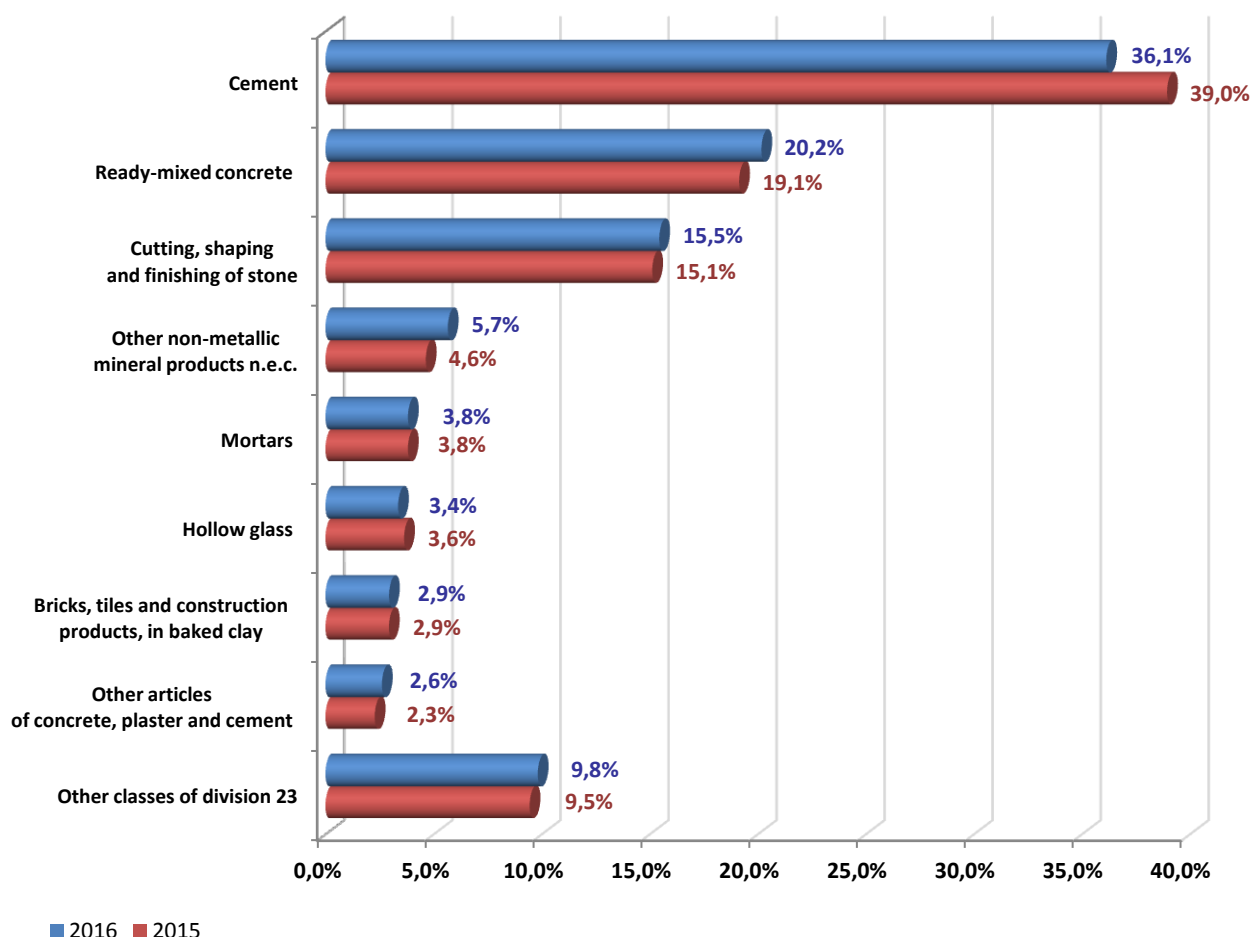
- Sacks and bags of polymers of ethylene (including cones) (Product code: 22.22.11.00),
- Articles for the conveyance or packaging of goods, of plastics (excluding boxes, cases, crates and similar articles; sacks and bags, including cones; carboys, bottles, flasks and similar articles; spools, spindles, bobbins and similar supports; stoppers, lids, caps and other closures) (Product code: 22.22.19.50),
- Other plates of polymers of ethylene, not reinforced, thickness  $\leq 0.125$  mm (Product code: 22.21.30.10),
- Plastic carboys, bottles, flasks and similar articles for the conveyance or packing of goods, of a capacity  $\leq 2$  litres (Product code: 22.22.14.50).

## Division 23: Manufacture of other non-metallic mineral products

The following graph presents the contribution of classes of economic activities NACE Rev. 2 to the value of sales of manufactured of other non-metallic mineral products, for the years 2015 and 2016.



**Graph 7. Contribution of classes to the division of other non-metallic mineral products, 2015, 2016**



The following products had the greatest contribution to the total value of sales of the division of manufacture of beverages, in 2016:

- Portland cement (Product code: 23.51.12.10),
- Ready-mixed concrete (Product code: 23.63.10.00),
- Worked monumental/building stone and articles thereof, in marble, travertine and alabaster (excluding tiles, cubes/similar articles, largest surface area of which is capable of being enclosed in a square the side of which is < 7 cm, setts, kerbstones, flagstones) (Product code: 23.70.11.00),
- Cement clinker (Product code: 23.51.11.00).

## Other divisions

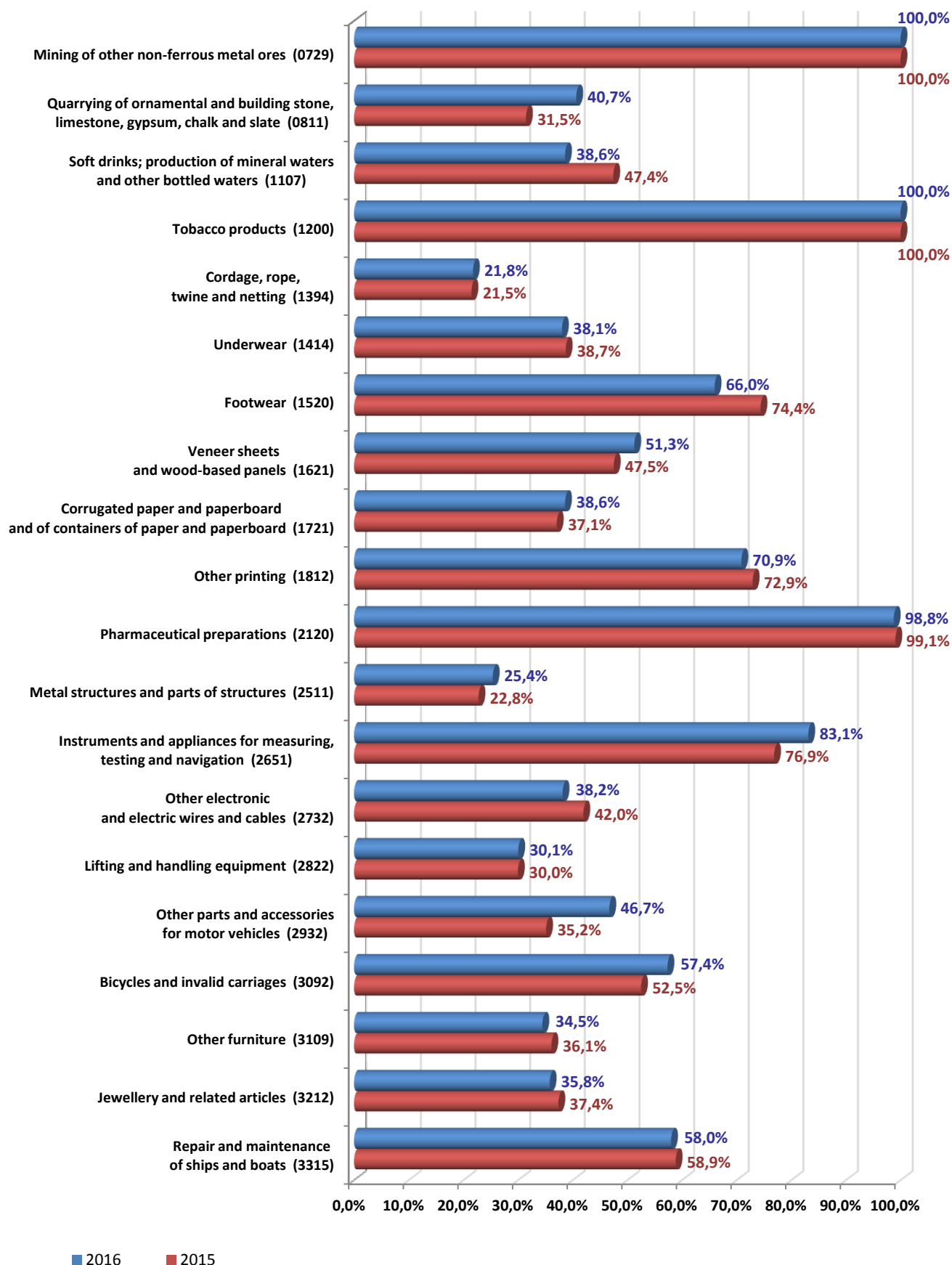
All two-digit divisions of economic activities NACE Rev.2 from 07 to 33, excluding the six most significant ones already presented above are classified to other divisions.

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,
- 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,
- 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), of division 11: Manufacture of beverages.

The following graph presents the contribution of the most significant class to each division of economic activity of other divisions, for the years 2015 and 2016.

**Graph 8. Contribution of the most important classes per division of economic activity (other divisions), 2015, 2016**

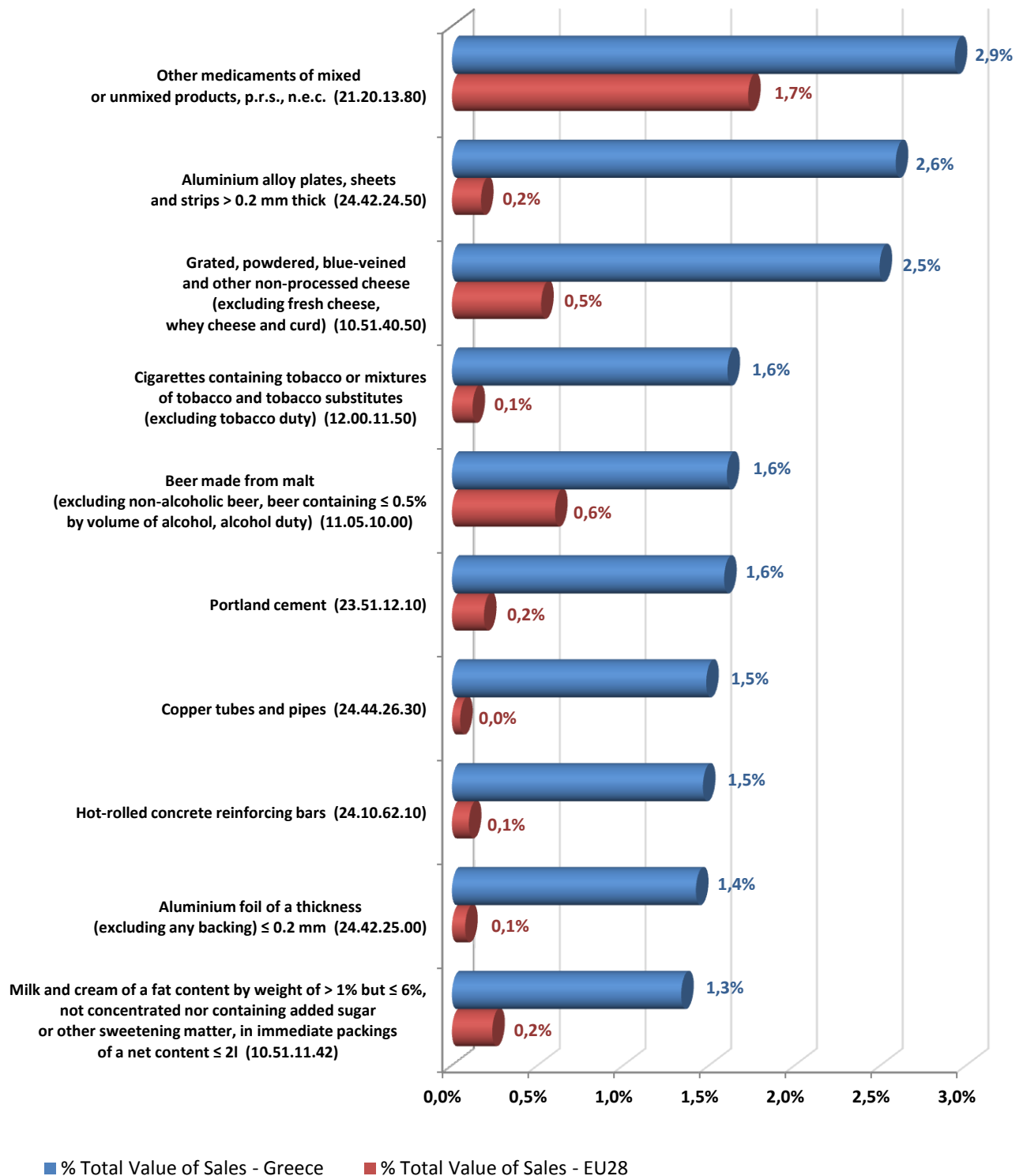


### 3. Top 10 products on the basis of the value of sales, 2016

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

The graph also presents the corresponding contribution for the same 10 products at European level (EU28).

**Graph 9. Top 10 products on the basis of the value of sales, 2016**

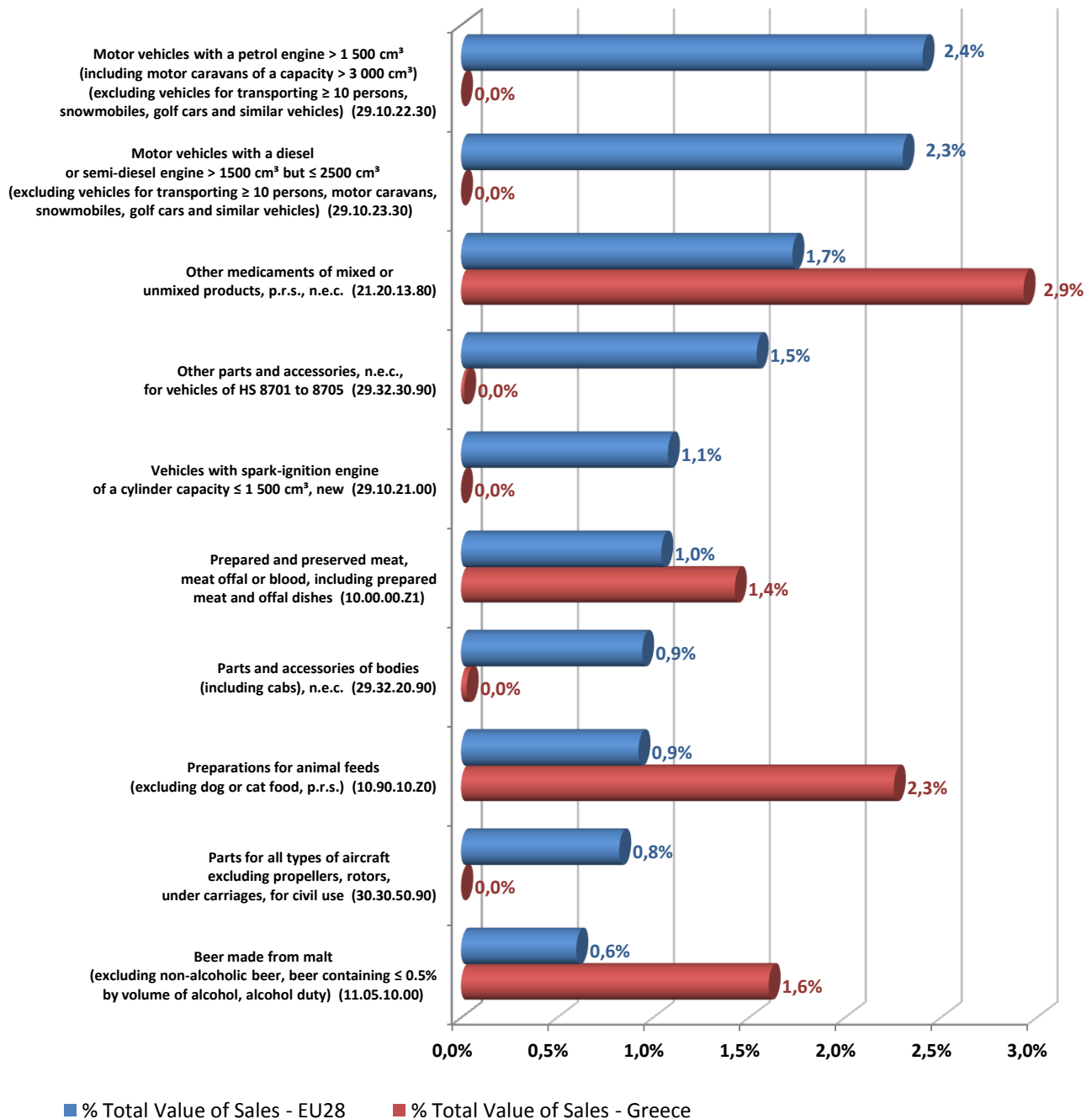


#### 4. European Union: Top 10 products on the basis of the value of sales, 2016

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

The graph also presents the corresponding contribution for the same 10 products at national level, excluding the manufacture of coke and refined petroleum products (division 19), whose data are collected only for national purposes.

**Graph 10. EU: Top 10 products on the basis of the total value of sales, 2016**



Source: Eurostat

The data of Eurostat do not include products classified to the 1920 class "Manufacture of Petroleum Products". Moreover, data for Cyprus, Malta and Luxembourg are also not included, in accordance with Article 3 (4) of Commission Regulation 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 need not be collected.

## 5. Methodological notes

### Production and Sales of Manufactured Products

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.

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.

The statistical outputs for each industrial product are:

- The physical volume of total production manufactured (in units of measurement as defined in the PRODCOM list) for the reference year.
- The physical volume of production sold (in units of measurement as defined in the PRODCOM list) for the reference year, regardless the time of production.
- The value of production sold (in euro) for the reference year.

Within the PRODCOM framework the following are also recorded:

- Contract processing, per PRODCOM heading (only quantity of production and contractor's payment).
- Industrial services (treatment, repairs and maintenance and assembly work).
- [Council Regulation \(EEC\) No. 3924/91, of 19 December 1991](#), on the establishment of a Community survey on industrial production.
- [Commission Regulation \(EC\) No 912/2004 of 29 April 2004](#) implementing Council Regulation (EEC) No 3924/91, on the establishment of a Community survey on industrial production

### Legal Framework

### Reference period

Calendar year

### Reference area

The whole of the country.

### Survey methodology

#### Coverage of economic activities

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.

- 07: Mining of metal ores
- 08: Other mining and quarrying
- 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

#### Target population

The surveyed population are 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, as updated through the results of the Structural Business Surveys conducted by ELSTAT.

#### PRODCOM list

The classification of the 2015 PRODCOM survey was based on the PRODCOM list for 2015 ([Commission Regulation 2015/1711, of 17 September 2015](#)).

The classification of the 2016 PRODCOM survey was based on the PRODCOM list for 2016 ([Commission Regulation 2016/1872, of 06 October 2016](#)).

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.

#### Two years' survey data comparison

- The structure of the total value of sales of each year's products results from the total number of surveyed enterprises.
- The annual change of the total value of sales of products, results 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.