

27 June 2022

Annual Industrial Products Survey
Year 2021

The value of the sales of internal manufacturing industry products increased to 456,635 million euros in 2021¹

***The food industry* accounted for 21.0% of the sales figure in the manufacturing industry and *Manufacture of motor vehicles, trailers and semi-trailers*, 10.9%**

***Cataluña* had the greatest weight in the number of sales of manufacturing industry (22.5% of the total) and *Illes Balears* the least (0.3%)**

The value of the sales of products of the manufacturing industry reached 456,635 million euros in 2021

Internal sales figures by activity division

The activities that contributed the most to the total internal sales of the manufacturing industry in 2021 were the *Food industry* (with 21.0% of the total), *Manufacture of motor vehicles, trailers and semi-trailers* (10.9%) and the *Chemical industry* (8.6%).

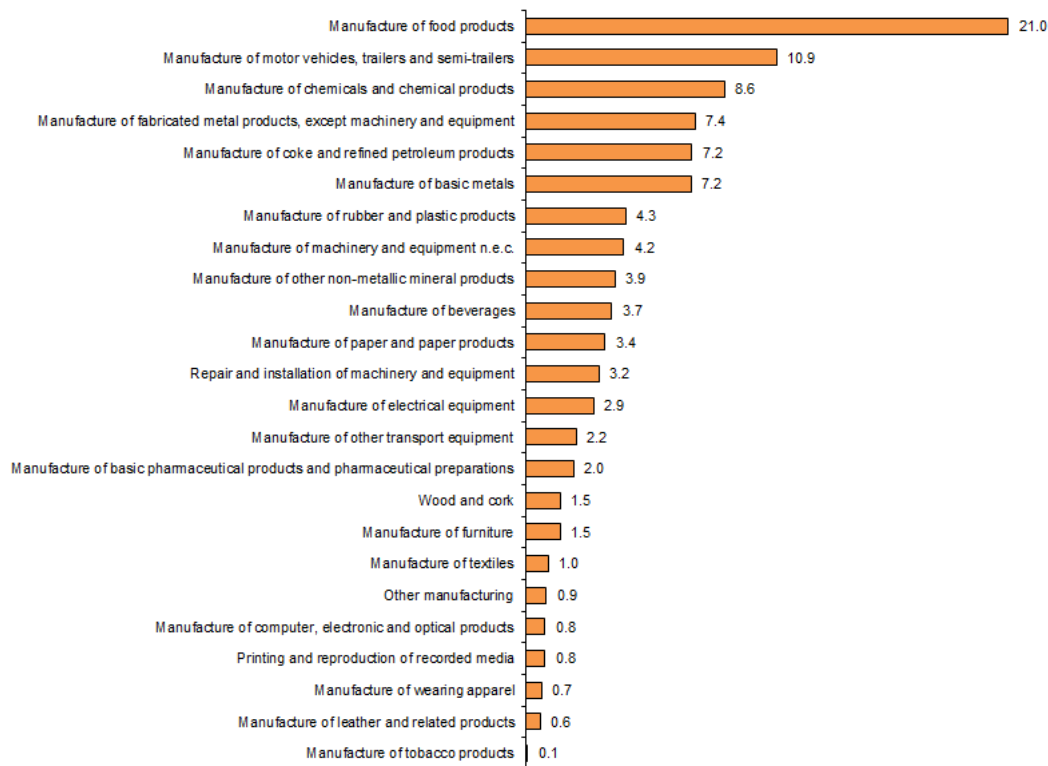
On the other hand, the activities of the *Tobacco Industry* (0.1% of the total), *Leather and footwear industry* (0.6%) and *Manufacture of wearing apparel* (0.7%) had the lowest contribution.

¹Due to the entry into force of the EBS Regulation 2019_2152 and its Implementation Act 2020_1197, in 2021, the Annual Industrial Products Survey underwent methodological changes. These caused a break in the series that prevented the calculation of variation rates. However, the Methodological Annex to this Press Release provides information for 2021, maintaining (as far as possible) the previous methodology and giving variation rates. The information for each product in the previous methodology is available in INEBASE.

Sales figures of production on own account by activity division. Year 2021

NACE-09 Code	Activity division	Million euros	% of the total
10	Manufacture of food products	95.860	21.0
11	Manufacture of beverages	16.974	3.7
12	Manufacture of tobacco products	286	0.1
13	Manufacture of textiles	4.399	1.0
14	Manufacture of wearing apparel	3.087	0.7
15	Manufacture of leather and related products	2.866	0.6
16	Wood and cork	6.717	1.5
17	Manufacture of paper and paper products	15.642	3.4
18	Printing and reproduction of recorded media	3.717	0.8
19	Manufacture of coke and refined petroleum products	32.927	7.2
20	Manufacture of chemicals and chemical products	39.438	8.6
21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	9.359	2.0
22	Manufacture of rubber and plastic products	19.753	4.3
23	Manufacture of other non-metallic mineral products	17.694	3.9
24	Manufacture of basic metals	32.875	7.2
25	Manufacture of fabricated metal products, except machinery and equipment	33.595	7.4
26	Manufacture of computer, electronic and optical products	3.738	0.8
27	Manufacture of electrical equipment	13.456	2.9
28	Manufacture of machinery and equipment n.e.c.	19.383	4.2
29	Manufacture of motor vehicles, trailers and semi-trailers	49.763	10.9
30	Manufacture of other transport equipment	10.037	2.2
31	Manufacture of furniture	6.706	1.5
32	Other manufacturing	3.973	0.9
33	Repair and installation of machinery and equipment	14.390	3.2
	TOTAL	456.635	100.0

Distribution (in percentage) of internal production sales figures in the manufacturing industry by activity division. Year 2021. Percentage



Sales of internal products related to the COVID-19 pandemic

The COVID-19 pandemic had a notable effect on the manufacture of personal protection products by the Spanish manufacturing industry. This was due to the strong demand for these products.

In 2021, more than 320 million masks were sold (277.5 million facial protection and 52.4 million with FFP filter), almost two million protection screens, and 34,332 tons of hand sanitizing gels. The value of these sales was 107 million euros in masks, four million in screens and 76 million in gels.

Description	Unit	Quantity	Value (million euros)
Filtering facepieces (FFP) according to EN149 and other masks conforming to a similar standard for masks as respiratory protective devices to protect against particles	Units	52,405,973	30
Protective face masks (excl. Filtering facepieces FFP according to EN149, and other masks conforming to a similar standard for masks as respiratory protective devices to protect against particles)	Units	277,450,065	77
Protective face shields/visors of plastics	Units	1,747,277	4
Hand sanitizer gel, alcohol type	Tonnes	34.332	76

Internal production sales figures by products manufactured

Among internally produced manufactured products with the highest sales figure in 2021, the most notables were gasoline vehicles with a cylinder capacity of less than or equal to 1,500 cm³ for the transport of less than 10 persons, prepared swine feed and diesel vehicles with a cylinder capacity between 1,500 and 2,500 cm³ intended for the transport of less than 10 people.

Gasoline vehicles invoiced 12,867 million euros. In addition, the sales figure for prepared swine feed was 4,413 million and that of diesel stood at 4,350 million.

Sales figures of production on own account, by manufactured product. Year 2021

Description	Unit	Quantity	Value (million euros)
Petrol vehicles for the transport of less than 10 persons, with a cylinder capacity less than or equal to 1,500 cm ³	Units	1,039,502	12.867
Preparations used for farm animal feeding: Pigs	Tonnes	14,371,496	4.413
Diesel vehicles for the transport of less than 10 persons, with a cylinder capacity between 1,500 and 2,500 cm ³	Units	264.127	4.350
Non-alcoholic beverages (except for waters, and fruit, legumes and vegetables juices) not containing milk fats: Soft drinks	Thousand liters	4,728,818	3.747
Paperboard or corrugated cardboard boxes	Tonnes	3,897,485	3.699
Unrefined virgin olive oil: Extra	Tonnes	1,186,292	3.637
Malt beer with alcohol	Thousand liters	3,662,394	3.632
Red wine with registered designation of origin	Hectolitres	9,671,775	2.601
Sausages and the like, of meat, meat offal or animal blood, other than of liver	Tonnes	489.959	2.406
Polypropylene in primary forms	Tonnes	984.438	1.391
Aluminium alloys	Tonnes	574.587	1.270
Portland cement except white	Tonnes	17,288,673	1.180
New pneumatic rubber tyres for motor cars	Thousand units	29.039	1.103
Roasted coffee, not decaffeinated	Tonnes	130.425	986
Corrugated paper and paperboard in rolls or sheets	Tonnes	1,122,876	936
Hot-rolled concrete reinforcing bars	Tonnes	1,444,158	934
White wine with registered designation of origin	Hectolitres	5,864,061	868
Pallets	Units	100,934,550	770
Unrefined virgin olive oil: Lampante	Tonnes	299.101	753
Self-adhesive printed labels of paper or paperboard	Tonnes	117.930	735

Sales figures for internally produced products of the manufacturing industry by autonomous communities and cities

In 2021, the Autonomous Communities with the greatest weight in the turnover of internally-produced products of the manufacturing industry were Cataluña (with 22.5% of the total), Andalucía (11.7%) and Comunitat Valenciana (10.7%).

On the other hand, the ones with the lowest weight were Illes Balears (0.3%), Canarias (0.6%) and La Rioja (1.0%).

Sales figures of production on own account in the manufacturing industry by Autonomous Community and City. Year 2021

	Million euros	% of the total
Cataluña	102.917	22.5
Andalucía	53.214	11.7
Comunitat Valenciana	48.732	10.7
País Vasco	42.460	9.3
Galicia	33.852	7.4
Castilla y León	31.613	6.9
Madrid, Comunidad de	29.470	6.5
Aragón	24.320	5.3
Castilla-La Mancha	23.783	5.2
Murcia, Región de	18.402	4.0
Navarra, Comunidad Foral de	16.360	3.6
Asturias, Principado de	10.357	2.3
Cantabria	6.692	1.5
Extremadura	5.710	1.3
Rioja, La	4.452	1.0
Canarias	2.698	0.6
Balears, Illes	1.581	0.3
Ceuta	18	0.0
Melilla	3	0.0
TOTAL	456.635	100.0

Methodological annex

New methodology of the Annual Industrial Products Survey

The entry into force of the EBS Regulation 2019_2152 and its Implementation Act 2020_1197 includes new information requirements and changes in quality criteria that have resulted in methodological changes in the Annual Industrial Products Survey (AIPS).

Until the reference year 2020, the AIPS applied *cut-off sampling*, which in practice led to investigating only companies with 20 or more employed persons, although in some activities this limit was lowered to 10. The final objective, as established by the PRODCOM regulation, was to reach an approximate coverage of 90% of the total production of each class (four digits of the CNAE).

With the entry into force, in 2021, of the EBS regulation, the requirement is now to estimate, with sufficient quality, the production corresponding to each class, without mentioning that approximate coverage of 90%. This has caused the INE to **modify the sample design, moving from cut-off sampling to probabilistic sampling, with 100% production coverage**, as of this reference year.

Techniques have been applied to increase the efficiency of the estimates², which has allowed us not only to not increase the sample size further, but to reduce it by approximately 30%. This has been achieved without harming estimate precision and taking advantage of the two great advantages that probabilistic sampling has over cut-off sampling: on the one hand, estimates of 100% of production are now unbiased (unlike before, when a percentage between 80 and 90% of the production was estimated, depending on the class), and on the other hand, it is possible to estimate variances (impossible in the sampling by cut) and offer, therefore, information on the Variation Coefficients of the estimates of each product.

The results of the year 2021 for each PRODCOM product using the old sampling by cuts are available in INEBASE.

On the other hand, the EBS Regulation is clear that the production included in the AIPS must that carried out in **establishments located within the national territory**. The old PRODCOM Regulation did not explicitly state whether only production carried out in the national territory should be collected, or if production sold by establishments located within the national territory but carried out externally should also be collected, without proof of what the informants were answering. The impact of this change in criteria could not be measured objectively due to a lack of information about the practice that the informants had been carrying out.

Results based on the cut-sample design

If -as has been done up until now- a cut-sample design was used to obtain the estimates of the Annual Industrial Survey of Products, the value of the sales of products of the manufacturing industry would amount to 431,462 million euros, 16.3% more than in the previous year³.

² For more information on the sample design used, see section 5. The *Framework and sample design* of the Methodology is available at the following link <https://ine.es/metodologia/t05/t053004966.pdf>

³The inability to measure the impact of the change in criteria regarding the territoriality of production means that data for 2020 are not fully comparable and may particularly affect the variation rates of some divisions.

Sales figures by activity division. Year 2021

NACE-09 Code	Activity division	Million euros	% annual variation
10	Manufacture of food products	89.066	10.4
29	Manufacture of motor vehicles, trailers and semi-trailers	49.326	-0.3
20	Manufacture of chemicals and chemical products	38.035	25.6
19	Manufacture of coke and refined petroleum products	32.787	71.0
24	Manufacture of basic metals	32.048	43.5
25	Manufacture of fabricated metal products, except machinery and equipment	30.258	17.6
22	Manufacture of rubber and plastic products	19.167	14.3
28	Manufacture of machinery and equipment n.e.c.	18.396	14.0
23	Manufacture of other non-metallic mineral products	16.418	18.8
11	Manufacture of beverages	15.973	12.8
17	Manufacture of paper and paper products	14.983	20.0
27	Manufacture of electrical equipment	13.040	11.6
33	Repair and installation of machinery and equipment	11.926	7.9
30	Manufacture of other transport equipment	9.961	0.9
21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	9.392	-4.2
16	Wood and cork	5.775	21.7
31	Manufacture of furniture	5.639	18.8
13	Manufacture of textiles	4.074	10.2
26	Manufacture of computer, electronic and optical products	3.539	9.3
32	Other manufacturing	3.266	20.3
18	Printing and reproduction of recorded media	2.794	1.8
15	Manufacture of leather and related products	2.694	1.9
14	Manufacture of wearing apparel	2.674	-2.2
12	Manufacture of tobacco products	231	9.6
	TOTAL	431.462	16.3

The activities that most increased the sale of products in 2021 compared to 2020 were the *Manufacture of coke and refined petroleum products* (71.0%), the *Manufacture of basic metals* (43.5%) and the *Manufacture of chemicals and chemical products* (25.6%).

On the other hand, the *Manufacture of basic pharmaceutical products and pharmaceutical preparations* (-4.2%), *Manufacture of wearing apparel* (-2.2%) and *Manufacture of motor vehicles, trailers and semi-trailers* (-0.3%) registered decreases in their sales.

Methodological note

The **Annual Industrial Products Survey** is an annual structural survey aimed at all establishments dedicated to the industrial sector (Sections B and C of the CNAE 2009). This operation provides information on the production of a series of industrial products (approximately 4.000) that account for a significant part of the Spanish industrial sector.

The survey targets a sample of 38,008 establishments. It allows us to obtain detailed national results for the different products that make up the survey, as well as aggregated results by autonomous communities and cities and divisions of activity.

The National Statistics Institute (INE) is publishing today the results of the survey, with a gap of less than six months after the end of the reference period.

Type of Survey: Continuous annual survey.

Population scope: Industrial establishments, regardless of whether the main activity of the legal unit to which they belong is industrial or not.

Geographical scope: The entire national territory.

Reference period for the results: The calendar year.

Reference period for the information: The calendar year. Establishments that operate by season or campaign -which include two different years- can use data referring to the campaign ending in the survey reference year.

Type of sampling: Probability sampling.

Sample size: 38.008 establishments.

Collection method: Completion of the questionnaire by the respondent using one of the following methods: internet (IRIA system), e-mail, fax, telephone or by postal mail.

For more information the methodology can be accessed at:

<https://www.ine.es/metodologia/t05/t053004966.pdf>

The standardized methodological report is at:

<https://www.ine.es/dynt3/metadatos/es/RespuestaDatos.html?oe=30049>

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