

21 June 2023

Structural Enterprise Statistics: Industrial Sector
Year 2021. Definitive Results

Turnover in the Industrial Sector increased by 21.5% in 2021 and stood at 734,026 million euros

The manufacturing industry accounted for 80.1% of the total turnover of the sector and 89.7% of the employed personnel

Turnover of companies in the Industrial Sector¹ stood at 734,026 million euros in 2021, which represented an increase of 21.5% as compared with the previous year.

The added value generated by these companies was 168,960 million euros, 14.5% higher than in 2020.

Industrial Sector. Year 2021. Main magnitudes

Economic variables	Million euros	Annual variation (%)
Turnover	734.026	21,5
Total purchases of goods and services	589.653	27,2
Added value at factor cost	168.960	14,5
Personnel costs	90.094	5,7
Wages and salaries	69.523	6,9
Gross operating surplus	78.866	26,5
Investment in tangible assets	27.468	5,5

Due to the entry into force of the EBS Regulation 2019/2152 and its Implementing Act 2020/1197, the Structural Enterprise Statistics has adopted some methodological changes in the year 2021 so that its data are not strictly comparable with the previous year. These changes affect in particular the computation of the number of active enterprises, while the economic variables are hardly affected.

¹ The population under study is the group of companies whose main activity is described in sections B to E of the National Classification of Economic Activities CNAE-2009.

Of the slightly more than 194,000 enterprises that make up the industrial sector, the majority (83.5%) had fewer than 10 employees and another 13.4% had between 10 and 49 employees. Together, these enterprises with less than 50 workers employed 39.2% of the sector's personnel and their turnover represented 21.4% of the total.

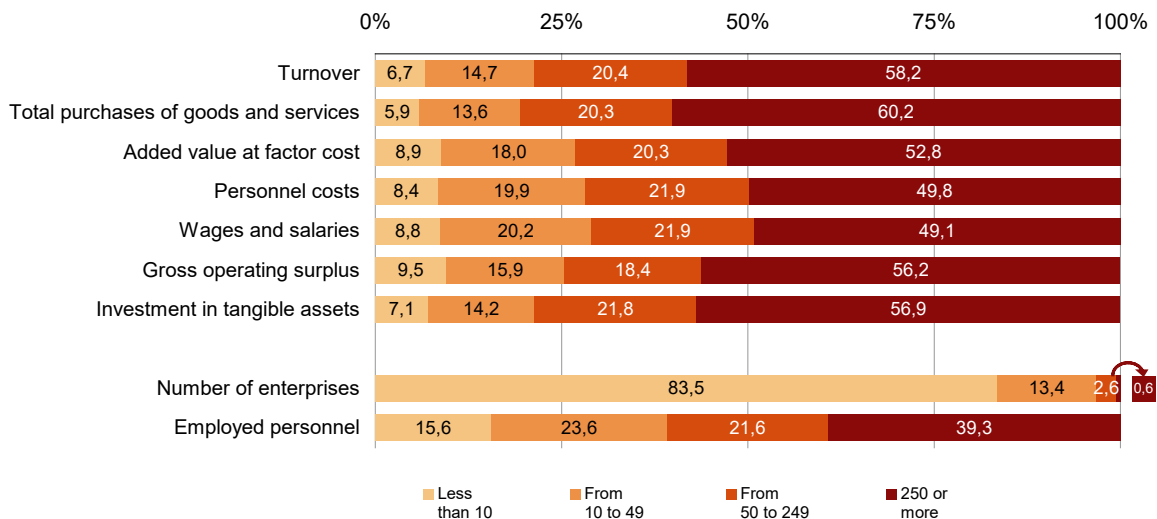
Enterprises with 250 or more employees, which accounted for 0.6% of the total, employed 39.3% of the personnel and had a turnover of 58.2% of the sector's turnover.

Industrial Sector. Year 2021. Main magnitudes by enterprise size

Economic data in millions of euros

Main variables	Total	Enterprise size by number of employed persons			
		Less than 10	From 10 to 49	From 50 to 249	250 or more
Turnover	734.026	48.849	108.048	149.758	427.371
Total purchases of goods and services	589.653	34.826	80.231	119.698	354.898
Added value at factor cost	168.960	15.040	30.418	34.263	89.240
Personnel costs	90.094	7.530	17.914	19.742	44.908
Wages and salaries	69.523	6.099	14.032	15.228	34.164
Gross operating surplus	78.866	7.510	12.503	14.521	44.332
Investment in tangible assets	27.468	1.957	3.908	5.976	15.627
Enterprises and personnel employed					
Number of enterprises	194.308	162.191	25.956	5.081	1.080
Employed personnel (annual average, in thousand)	2.361	368	557	509	927

Industrial Sector. Percentage distribution by enterprise size according to number of employed persons. Year 2021



Results by activity sections²

The *Manufacturing industry* accounted for 80.1% of the turnover of the industrial sector and 89.7% of the employed personnel in 2021. Almost nine out of 10 industrial enterprises were manufacturing.

16.1% of the sector's turnover corresponded to *Electricity, gas, steam and air conditioning supply*. These companies employed 1.8% of the sector's personnel and generated 13.7% of the industrial gross value added.

Turnover from *Water supply, sewerage, waste management and remediation activities* accounted for 3.2% of the total. This activity employed 7.7% of the sector's personnel.

Results by activity sections. Year 2021

Section of activity	Turnover			Personnel employed		
	Million euros	% over the total	Annual variation (%)	Annual average	% over the total	Annual variation (%)
B Mining and quarrying	4.140	0,6	20,5	18.317	0,8	6,3
C Manufacturing	588.190	80,1	18,3	2.117.679	89,7	3,6
D Electricity, gas, steam and air conditioning supply	118.040	16,1	46,1	42.452	1,8	-5,4
E Water supply; sewerage, waste management and remediation activities	23.656	3,2	4,0	182.619	7,7	-1,8
TOTAL	734.026	100,0	21,5	2.361.067	100,0	3,0

Results by branch of activity

In a more disaggregated level, the branches of activity with the greatest contribution to the industrial turnover in 2021 were the *Manufacture of food products* (with 16.6% of the total), *Electric power generation, transmission and distribution* (13.1%) *Manufacture of motor vehicles, trailers and semi-trailers* (8.8%). These three branches accounted for 32.0% of the value added generated in the industry.

On the other hand, the activities that employed the greatest number of people were *Manufacture of food products* (with 17.8% of employment in the sector), *Manufacture of fabricated metal products, except machinery and equipment* (11.0%) and *Manufacturing of motor vehicles, trailers and semi-trailers* (6.7%).

² The enterprises studied were classified according to their main activity. In the same way, all the study variables referring to the enterprise are assigned to this activity.

Results by branch of activity. Year 2021

Branch of activity		Turnover			Personnel employed		
		Million euros	% over the total	Annual variation (%)	Annual average	% over the total	Annual variation (%)
B	Mining and quarrying	4.140	0,6	20,5	18.317	0,8	6,3
C	Manufacturing	588.190	80,1	18,3	2.117.679	89,7	3,6
C10	Manufacture of food products	121.672	16,6	11,2	419.172	17,8	4,5
C11	Manufacture of beverages	20.401	2,8	20,6	60.266	2,6	2,7
C12	Manufacture of tobacco products	725	0,1	22,1	1.618	0,1	18,7
C13	Manufacture of textiles	6.652	0,9	18,1	51.122	2,2	9,9
C14	Manufacture of wearing apparel	4.254	0,6	10,9	39.146	1,7	-1,2
C15	Manufacture of leather and related products	3.859	0,5	12,6	35.427	1,5	3,0
C16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	9.105	1,2	26,5	56.456	2,4	6,0
C17	Manufacture of paper and paper products	15.707	2,1	20,2	48.123	2,0	4,0
C18	Printing and reproduction of recorded media	5.960	0,8	11,1	63.378	2,7	6,7
C19	Manufacture of coke and refined petroleum products	48.549	6,6	44,0	10.799	0,5	-18,6
C20	Manufacture of chemicals and chemical products	49.109	6,7	26,3	101.016	4,3	2,7
C21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	20.753	2,8	25,7	51.310	2,2	0,6
C22	Manufacture of rubber and plastic products	25.771	3,5	30,6	106.549	4,5	6,9
C23	Manufacture of other non-metallic mineral products	26.238	3,6	31,4	108.634	4,6	7,5
C24	Manufacture of basic metals	37.726	5,1	44,0	62.525	2,6	5,6
C25	Manufacture of fabricated metal products, except machinery and equipment	40.863	5,6	16,9	259.004	11,0	2,6
C26	Manufacture of computer, electronic and optical products	5.393	0,7	12,4	32.012	1,4	7,4
C27	Manufacture of electrical equipment	19.310	2,6	11,8	72.356	3,1	4,5
C28	Manufacture of machinery and equipment n.e.c.	23.389	3,2	13,3	119.501	5,1	1,8
C29	Manufacture of motor vehicles, trailers and semi-trailers	64.318	8,8	-0,3	157.338	6,7	-1,3
C30	Manufacture of other transport equipment	15.528	2,1	5,3	48.892	2,1	-2,2
C31	Manufacture of furniture	7.212	1,0	25,2	64.569	2,7	5,8
C32	Other manufacturing	5.121	0,7	17,3	44.156	1,9	5,6
C33	Repair and installation of machinery and equipment	10.575	1,4	10,2	104.311	4,4	4,3
D	Electricity, gas, steam and air conditioning supply	118.040	16,1	46,1	42.452	1,8	-5,4
D35	Electric power generation, transmission and distribution	95.921	13,1	43,3	37.654	1,6	-4,1
D35R	Manufacture and distribution of gas; steam and air conditioning supply	22.118	3,0	59,7	4.798	0,2	-14,3
E	Water supply; sewerage, waste management and remediation activities	23.656	3,2	4,0	182.619	7,7	-1,8
E36	Water collection, treatment and supply	8.914	1,2	-4,2	51.653	2,2	1,4
E37R	Sewerage; waste collection, treatment and remediation activities	14.742	2,0	9,6	130.967	5,5	-3,0
TOTAL		734.026	100,0	21,5	2.361.067	100,0	3,0

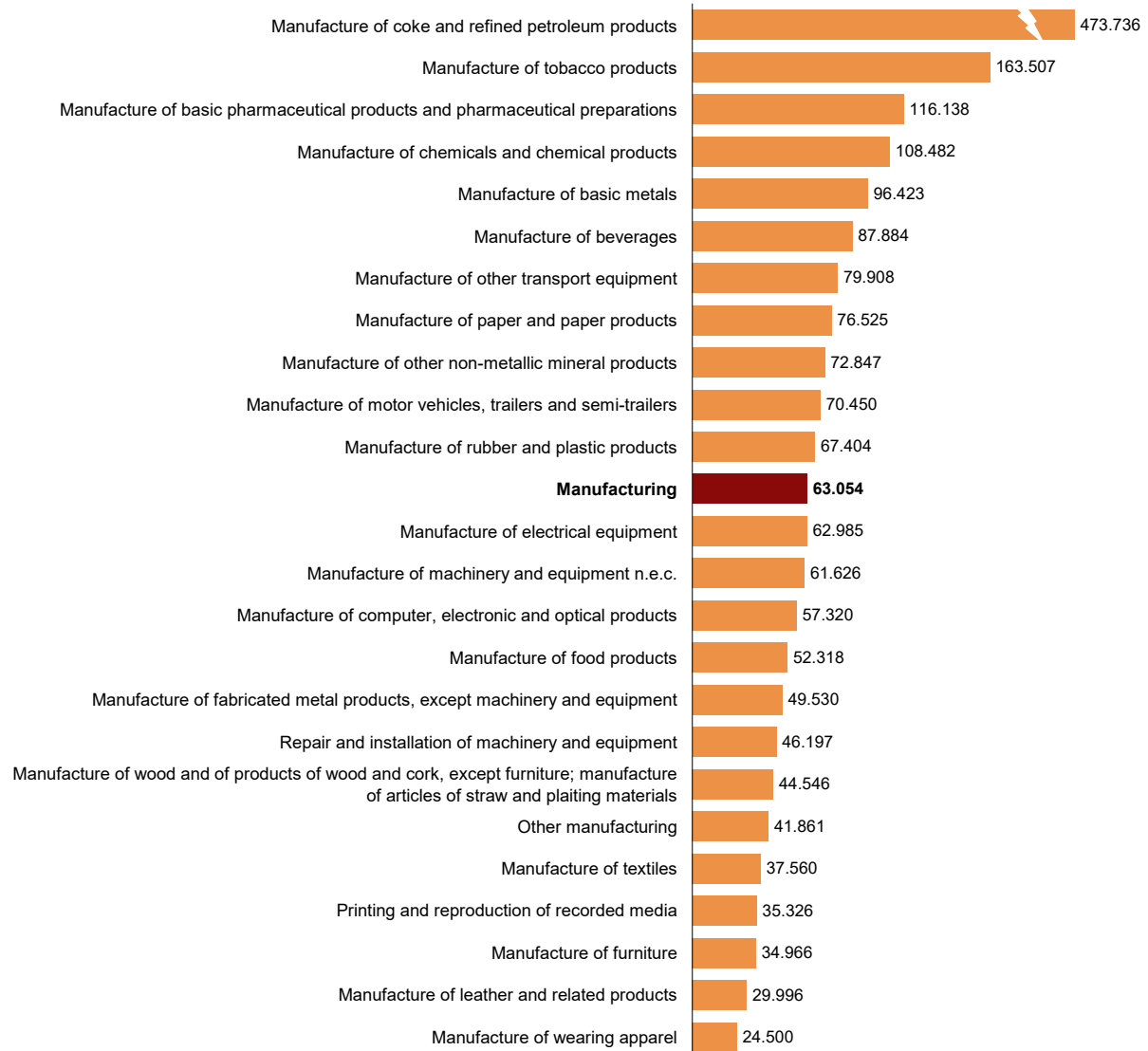
Productivity in the manufacturing industry

Productivity (value added per employed person) in the *Manufacturing industry* sector was 63,054 euros in 2021.

The activities with the highest productivity were the *Manufacture of coke oven products* (473,736 euros), *Manufacture of tobacco products* (163,507) and *Manufacture of basic pharmaceutical products and pharmaceutical preparations* (116,138).

In contrast, the least productive activities were *Clothing manufacturing* (24,500 euros per employee), *Leather and footwear industry* (29,996) and *Furniture manufacturing* (34,966).

Manufacturing industry. Productivity by branch of activity. Year 2021 (euros)



Main indicators

The Industrial Sector had a value added rate of 26.0% in 2021. This indicator shows the capacity to generate income per unit of product or service. The gross operating ratio was 10.7%.

Regarding employment indicators, the rate of paid personnel was 94.8%. And the female share of such paid personnel was 26.9%.

Indicators by branch of activity. Year 2021

Branch of activity	Value added rate (%)	Personnel costs rate (%)	Gross exploitation rate (%)	Employees rate (%)	Female participation rate (%)
B Mining and quarrying	39,4	45,4	21,4	94,6	12,2
C Manufacturing	23,8	59,5	9,2	94,6	27,5
C10 Manufacture of food products	18,8	56,8	7,8	96,0	40,2
C11 Manufacture of beverages	26,5	48,2	13,4	94,8	27,2
C12 Manufacture of tobacco products	36,2	34,8	23,8	97,9	39,9
C13 Manufacture of textiles	29,3	68,8	9,0	89,9	43,4
C14 Manufacture of wearing apparel	23,1	80,5	4,4	79,1	75,1
C15 Manufacture of leather and related products	27,5	80,3	5,4	94,4	47,4
C16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	28,1	61,0	10,8	87,8	14,8
C17 Manufacture of paper and paper products	23,8	54,5	10,7	98,4	22,8
C18 Printing and reproduction of recorded media	37,4	73,5	9,9	83,5	34,3
C19 Manufacture of coke and refined petroleum products	13,5	19,7	8,5	99,9	24,4
C20 Manufacture of chemicals and chemical products	23,1	46,7	11,9	98,3	32,7
C21 Manufacture of basic pharmaceutical products and pharmaceutical preparations	29,4	50,0	14,4	99,8	49,4
C22 Manufacture of rubber and plastic products	28,3	58,1	11,7	98,6	25,5
C23 Manufacture of other non-metallic mineral products	32,3	53,2	14,1	95,8	16,5
C24 Manufacture of basic metals	16,1	50,9	7,8	99,0	12,0
C25 Manufacture of fabricated metal products, except machinery and equipment	31,0	70,2	9,3	92,1	14,6
C26 Manufacture of computer, electronic and optical products	34,8	70,9	9,9	95,9	31,4
C27 Manufacture of electrical equipment	25,1	71,0	6,8	98,4	27,2
C28 Manufacture of machinery and equipment n.e.c.	32,0	71,3	9,0	98,1	15,9
C29 Manufacture of motor vehicles, trailers and semi-trailers	18,4	68,6	5,4	99,5	22,3
C30 Manufacture of other transport equipment	25,2	69,7	7,6	99,1	18,2
C31 Manufacture of furniture	31,6	74,0	8,2	87,5	20,4
C32 Other manufacturing	38,0	64,2	12,9	80,7	46,1
C33 Repair and installation of machinery and equipment	45,6	77,7	10,2	90,6	11,8
D Electricity, gas, steam and air conditioning supply	37,5	13,7	16,9	90,6	27,5
D35 Electric power generation, transmission and distribution	37,9	12,9	19,1	89,9	26,8
D35R Manufacture and distribution of gas; steam and air conditioning supply	34,6	22,3	7,4	96,8	32,5
E Water supply; sewerage, waste management and remediation activities	44,4	62,5	16,9	98,0	22,4
E36 Water collection, treatment and supply	45,0	53,3	21,5	97,0	22,6
E37R Sewerage; waste collection, treatment and remediation activities	44,0	68,3	14,1	98,4	22,3
TOTAL	26,0	53,3	10,7	94,8	26,9

Value added rate: Value added at factor cost / Value of Production * 100.

Personnel expenses rate: Personnel expenses / Value added at factor cost * 100.

Gross operating rate: Gross operating profit / Turnover * 100.

Rate of paid personnel: Paid personnel / Employed personnel * 100.

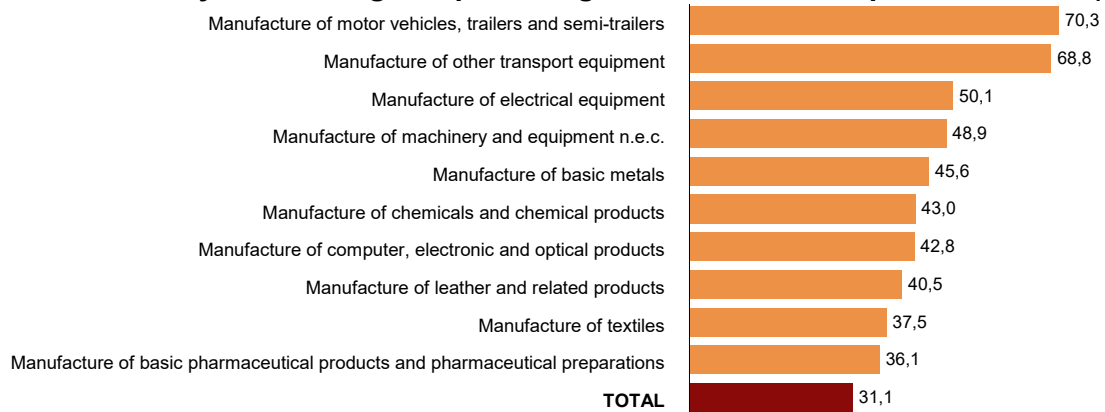
Female participation rate: Women in paid personnel / Paid personnel * 100.

Geographical destination of sales

In 2021, 31.1% of the sales of companies in the Industrial Sector were made outside Spain. 19.7% went to European Union countries and 11.4% to the rest of the world.

The branches of activity with the highest percentage of sales outside Spain were *Manufacture of motor vehicles, trailers and semi-trailers* (70.3%), *Manufacture of other transport material* (68.8%) and *Manufacture of electrical material and equipment* (50.1%).

Branches of activity with the highest percentage of sales outside Spain. Year 2021 (%)



Investment in Tangible Assets

The investment in tangible assets made by the companies in the industry sector was 27,468 million euros in 2021. A total of 74.5% of said investment was made by companies in *Manufacturing industry* and 20.5% by those in *Electricity, gas, steam and air conditioning supply*.

Investment in tangible assets represented 16.3% of the value added of Industrial companies. By activity sections, this percentage ranged between 9.9% in *Water supply; sewerage, waste management and remediation activities*, and 24.3% in *Electricity, gas, steam and air conditioning supply*.

Investment in tangible assets by sections of activity. Year 2021

Section of activity	Investment in tangible goods		Investment / Added value (%)
	Million euros	% over the total	
B Mining and quarrying	336	1,2	20,7
C Manufacturing	20.454	74,5	15,3
D Electricity, gas, steam and air conditioning supply	5.622	20,5	24,3
E Water supply; sewerage, waste management and remediation activities	1.056	3,8	9,9
TOTAL	27.468	100,0	16,3

Results by Autonomous Communities³

The Autonomous Communities with the greatest contribution to industrial turnover in the year 2021 were Cataluña (21.7% of the total), Comunidad de Madrid (12.1%) and Andalucía (11.9%).

In turn, those with the least weight in turnover were Illes Balears (0.7%), La Rioja (0.8%) and Canarias (1.1%).

Industrial Sector by Autonomous Communities and Cities. Year 2021

Autonomous Community	Turnover		Investment in tangible assets		Personnel employed	
	Million euros	% over the total	Million euros	% over the total	Annual average	% over the total
Andalucía	85.538	11,9	2.768	10,6	248.622	10,7
Aragón	34.164	4,8	1.074	4,1	104.389	4,5
Asturias, Principado de	17.118	2,4	507	1,9	47.669	2,1
Balears, Illes	4.752	0,7	151	0,6	26.533	1,1
Canarias	7.631	1,1	369	1,4	38.840	1,7
Cantabria	9.934	1,4	374	1,4	31.876	1,4
Castilla y León	42.099	5,9	1.738	6,6	135.511	5,8
Castilla-La Mancha	31.523	4,4	1.316	5,0	107.009	4,6
Cataluña	155.448	21,7	5.376	20,5	497.401	21,5
Comunitat Valenciana	75.580	10,5	3.942	15,0	293.588	12,7
Extremadura	9.128	1,3	631	2,4	31.077	1,3
Galicia	46.779	6,5	1.404	5,4	147.332	6,4
Madrid, Comunidad de	87.142	12,1	2.891	11,0	234.254	10,1
Murcia, Región de	25.713	3,6	877	3,3	85.222	3,7
Navarra, Comunidad Foral de	22.129	3,1	839	3,2	73.455	3,2
País Vasco	56.709	7,9	1.702	6,5	188.007	8,1
Rioja, La	5.753	0,8	240	0,9	25.474	1,1
Ceuta	198	0,0	8	0,0	852	0,0
Melilla	138	0,0	12	0,0	502	0,0
TOTAL	717.474	100,0	26.221	100,0	2.317.613	100,0

Data Review and Update

The data published today are final. All results are available on INEBase.

³ To obtain the results by Autonomous Community, the statistical unit considered is the Local Unit whose main activity is industrial. It is a different approach to the national data of the Industrial Sector, based on the Statistical Enterprise which brings together under its main activity the economic and employment data of the legal units that form it, and which may be of another activity than the industrial one.

Methodological note

The SES: Industrial Sector is an annual structural statistical operation, aimed at companies whose main activity is described in sections B to E of the National Classification of Economic Activities CNAE-2009. This includes the manufacturing industry, mining and quarrying, electricity, gas, and water supply, and sewerage, waste management and remediation activities.

This operation allows us to ascertain the main structural and economic characteristics of companies in the sector under study by means of a broad set of variables relating to employed personnel, turnover and other income, purchases and consumption, personnel expenses, taxes and investments. The statistic includes economic aggregates such as the value of production and gross value added, as well as main indicators.

This 2021 is the first year in which this statistic has to implement Regulation 2019/2152 of the European Parliament and of the Council concerning European Business Statistics (EBS Regulation) and its implementing act 2020/1197. This has led to a number of methodological changes, which are described in detail in the Methodology section available on the website.

Type of survey: annual continuous operation.

Population scope: companies whose main activity is described in sections B to E of CNAE-2009.

Geographical scope: the entire national territory.

Reference period: the calendar year, which, with some exceptions, coincides with the company's accounting year.

Sample size: 39,264 units (56% with direct collection and 44% with administrative data).

Collection method: Collection method: completion of the questionnaire by the respondent, mainly via the Internet (IRIA system), and use of administrative sources.

For more information the methodology can be accessed at:

http://www.ine.es/dynqs/INEbase/es/operacion.htm?c=Estadistica_C&cid=1254736143952&menu=metodologia&idp=1254735576715

The standardised methodological report is at:

<http://www.ine.es/dynt3/metadatos/es/RespuestaDatos.html?oe=30048>

INE statistics are produced in accordance with the Code of Good Practice for European Statistics, which is the basis for the institution's quality policy and strategy. For more information see the section on Quality at INE and the Code of Best Practices on the INE website.

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Annex

Joint structure of the Industry, Trade and Non-Financial Services sectors

In 2021, the combined turnover of the Industry, Trade and Non-financial Services sectors stood at 2,156 billion euros. Compared to the previous year, turnover in the Industrial sector registered an increase of 21.5%, that of Commerce 15.7% and that of Services of 14.5% (this rate of change has been calculated excluding the Education and Health sections, as these activities were not yet part of the scope of the SES in 2020).

The industrial sector accounted for 34.0% of this turnover and employed 17.8% of the personnel. Trade invoiced 39.0% of the total, and its gross value added represented 22.2%. On the other hand, the Services sector accounted for 27.0% of turnover, 48.4% of the value added and employed 58.9% of the personnel of the three sectors.

Industry, Commerce and Services Sectors. Year 2021 Turnover, gross value added and employed personnel

Section of activity	Turnover		Added value		Personnel employed	
	Million euros	% over the total	Million euros	% over the total	Thousands of persons	% over the total
Industrial Sector	734.026	34,0	168.960	29,4	2.361,1	17,8
B Extractive Industries	4.140	0,2	1.619	0,3	18,3	0,1
C Manufacturing Industry	588.190	27,3	133.528	23,3	2.117,7	16,0
D Electric energy, gas, steam and air conditioning supply	118.040	5,5	23.137	4,0	42,5	0,3
E Water supply, sewerage, waste management and decontamination activities	23.656	1,1	10.675	1,9	182,6	1,4
Trade Sector						
G Wholesale and retail business; repair of motor vehicles and motorcycles	840.794	39,0	127.556	22,2	3.080,6	23,3
Non financial Services Sector	581.374	27,0	277.573	48,4	7.788,1	58,9
H Transportation and storage	113.823	5,3	42.253	7,4	907,0	6,9
I Accommodation and food service activities	60.634	2,8	27.712	4,8	1.419,5	10,7
J Information and communications	90.493	4,2	39.544	6,9	558,9	4,2
L Real state activities	30.407	1,4	15.825	2,8	264,8	2,0
M Professional, scientific and technical activities	103.720	4,8	50.366	8,8	1.081,9	8,2
N Administrative and support service activities	71.657	3,3	42.436	7,4	1.535,7	11,6
P Education	16.944	0,8	12.918	2,3	509,6	3,9
Q Human health and social work activities	45.014	2,1	26.781	4,7	842,4	6,4
R Arts, recreation and entertainment activities	38.496	1,8	14.482	2,5	341,1	2,6
S Other services (except associative activities)	10.186,7	0,5	5.255	0,9	327,2	2,5
TOTAL	2.156.194	100,0	574.089	100,0	13.229,8	100,0

Industry, Commerce and Services Sectors. Year 2021 Annual variation rates of turnover, gross value added and employed personnel (%)

