

17 July 2019

Statistics on Environmental Protection Activities Year 2017

Industry allocated 0.42% of its turnover to environmental protection, reaching 2,519 million euros

Industry expenditure on environmental protection increased by 1.2% in 2017

Industry expenditure on environmental protection amounted to 2,519 million euros in 2017, with an increase of 1.2% over the previous year. This figure represented 0.42% of the sector's turnover.

Current expenditure on environmental protection increased by 3.7%, while investment decreased by 6.1%.

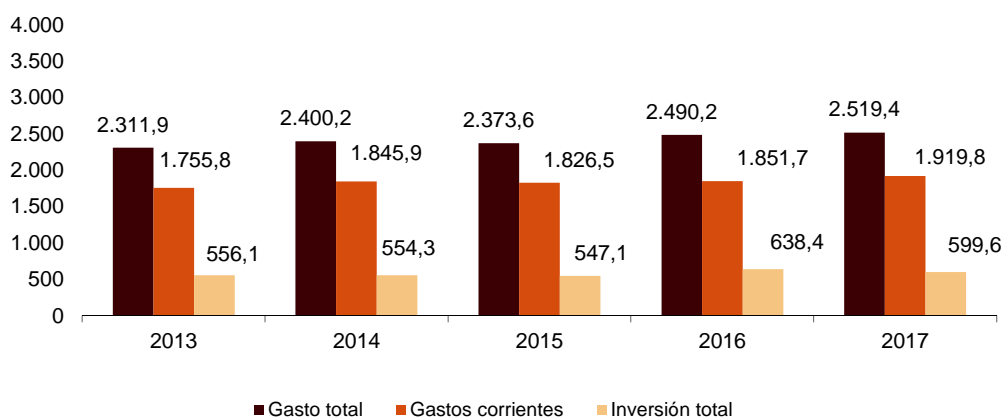
Industry expenditure on environmental protection. Year 2017

	Amount (thousands of euros)	% annual variation	% over turnover ¹
Total expenditure	2,519,411.3	1.2	0.42
Current expenditure	1,919,764.3	3.7	0.32
Investment	599,647.0	-6.1	0.10

¹ Turnover obtained from the Structural Business Statistics: Industrial Sector

Current expenditure and investment in environmental protection of the industry. Year 2017

Million euros



Results by environmental areas

Considering the type of equipment and facilities, 48.9% of the investment was made in independent equipment and facilities and 51.1% in integrated equipment and facilities.

Investment in independent equipment and facilities decreased by 24.8% compared to the previous year. On the other hand, investment in integrated equipment and facilities increased by 23.2%.

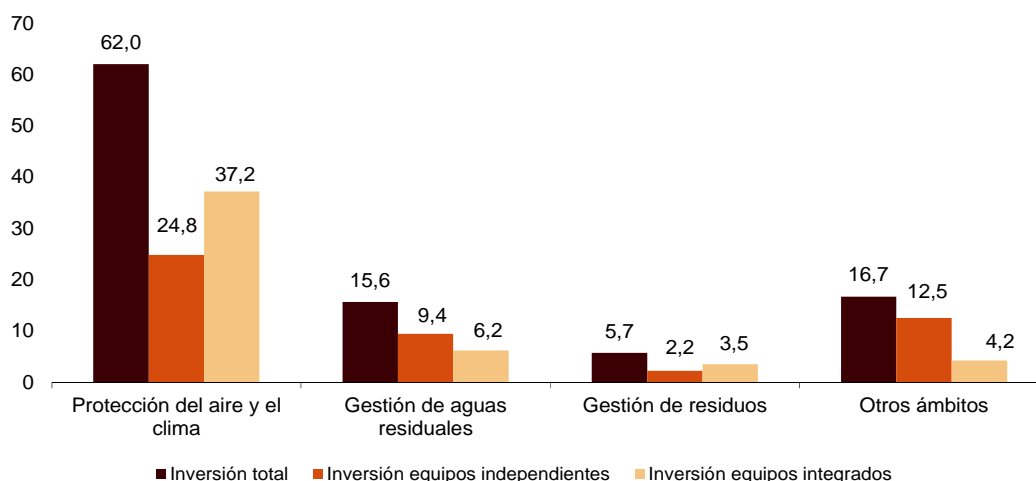
Investment by environmental areas. Year 2017

	Amount (thousands of euros)	% of the total	% annual variation
TOTAL INVESTMENT	599,647.0	100.0	-6.1
Investment in independent equipment and facilities	292,995.1	48.9	-24.8
Protection of the air and climate	148,310.8	24.8	-41.2
Wastewater management	56,552.3	9.4	41.2
Waste management	13,143.6	2.2	16.4
Other areas ¹	74,988.4	12.5	-12.7
Investment in integrated equipment and facilities	306,651.9	51.1	23.2
Protection of the air and climate	222,969.9	37.2	26.6
Wastewater management	37,076.0	6.2	58.2
Waste management	21,144.4	3.5	-16.8
Other areas	25,461.6	4.2	6.7

¹ Includes protection and decontamination of soils, groundwater and surface water, noise and vibration reduction and other activities

The areas of Protection of air and climate (reduction of atmospheric emissions), Waste water management and Waste management accounted for 62.0%, 15.6% and 5.7% of total investment, respectively.

Distribution of investments by type of investment and environmental area. Percentage



Results by industrial sector. Total expenditure

The sectors that accounted for the highest expenditure on environmental protection in 2017 were *Food, beverages and tobacco* (23.7% of the total), *Chemical and pharmaceutical industry* (16.3%) and *Manufacture of basic metals* (13.6%).

Total expenditure increased by 1.2% over the previous year. The sector with the greatest positive contribution to expenditure growth was *Manufacture of basic metals* (with a contribution of 1.051 points). In turn, *Electricity, gas, steam and air conditioning supply* had the greatest negative contribution (-2.622 points).

Total expenditure by industrial sectors. Year 2017

CNAE 2009	Sector	Amount (thousands of euros)	% of the total	% annual variation	Contribution
TOTAL EXPENDITURE					
		2,519,411.3	100.0	1.2	
05-06-07-08-09-19	Mining and quarrying Manufacture of coke and refined petroleum products	226,468.3	9.0	6.2	0.535
10-11-12	Food, beverage and tobacco	596,845.5	23.7	2.9	0.675
13-14-15	Textile, clothing, leather and footwear	40,272.3	1.6	5.4	0.083
16	Wood and cork	17,625.2	0.7	0.2	0.002
17-18	Paper, printing and reproduction of recorded media	151,827.7	6.0	9.6	0.532
20-21	Chemical and pharmaceutical industry	411,342.7	16.3	1.9	0.304
22	Rubber and plastic products	69,719.7	2.8	7.5	0.196
23	Non-metallic mineral products	95,645.4	3.8	2.1	0.080
24-25	Manufacture of basic metals	343,161.5	13.6	8.3	1.051
26-27	Computer, electronic and optical products	53,117.0	2.1	6.0	0.120
28	Machinery and equipment	25,199.6	1.0	-2.1	-0.022
29-30	Transport equipment	125,241.5	5.0	6.5	0.307
31-32-33	Other manufacturing (repairs and maintenance, furniture,...)	36,469.7	1.4	-4.2	-0.065
35	Electricity, gas, steam and air conditioning supply	326,475.2	13.0	-16.7	-2.622

Total expenditure on environmental protection represented 0.42% of industry turnover in 2017.

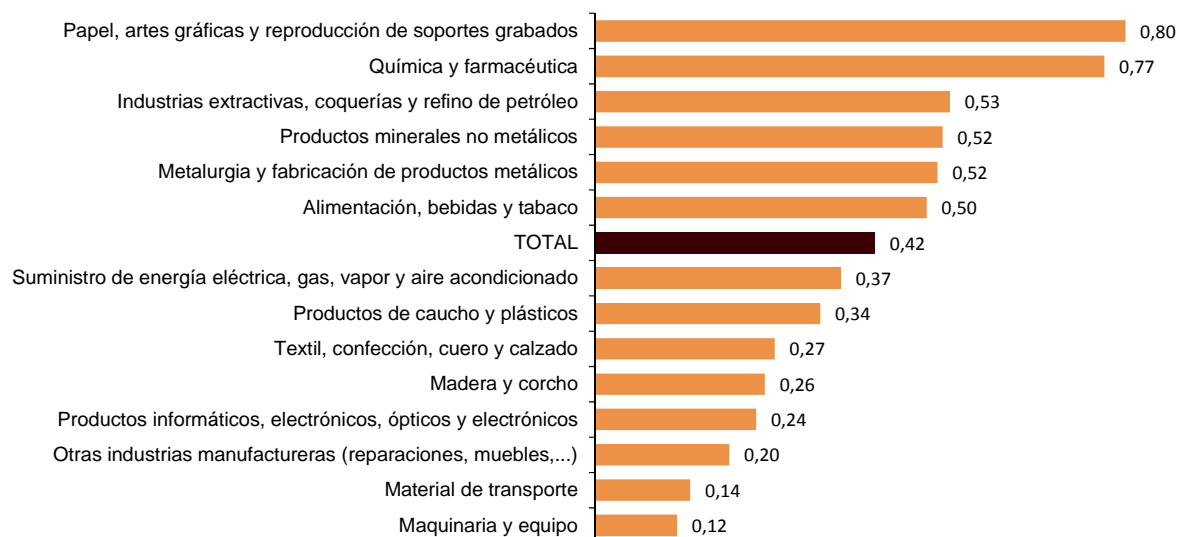
The sectors in which this proportion was highest were *Paper, printing and reproduction of recorded media* (0.80%) and *Chemical and pharmaceutical industry* (0.77%).

On the other hand, *Machinery and equipment* (0.12%) and *Transport equipment* (0.14%) presented the lowest ratio of expenditure over turnover.

Total expenditure on environmental protection as compared with turnover, by industrial sectors. Year 2017

CNAE 2009	Sector	Total expenditure (thousands of euros)	% over turnover
	TOTAL	2,519,411.3	0.42
05-06-07-08-09-19	Mining and quarrying, manufacture of coke and refined petroleum products	226,468.3	0.53
10-11-12	Food, beverage and tobacco	596,845.5	0.50
13-14-15	Textile, clothing, leather and footwear	40,272.3	0.27
16	Wood and cork	17,625.2	0.26
17-18	Paper, printing and reproduction of recorded media	151,827.7	0.80
20-21	Chemical and pharmaceutical industry	411,342.7	0.77
22	Rubber and plastic products	69,719.7	0.34
23	Non-metallic mineral products	95,645.4	0.52
24-25	Manufacture of basic metals	343,161.5	0.52
26-27	Computer, electronic, and optical products	53,117.0	0.24
28	Machinery and equipment	25,199.6	0.12
29-30	Transport equipment	125,241.5	0.14
31-32-33	Other manufacturing (repairs and maintenance, furniture,...)	36,469.7	0.20
35	Electricity, gas, steam and air conditioning supply	326,475.2	0.37

Distribution of expenditure by industrial sectors. Year 2017. Percentage



Results by industrial sector. Current expenditure and investment

Food, beverages and tobacco, Chemical and pharmaceutical industry and Manufacture of basic metals accounted for more than 60% of current expenditure (28.2%, 17.1% and 15.1%, respectively).

Current expenditure increased by 13.1% in Electricity, gas, steam and air conditioning supply and by 13.0% in Transport equipment. In turn, it fell by 6.0% in the Other manufacturing sector.

Current expenditure by industrial sectors. Year 2017

CNAE 2009	Sector	Amount (thousands of euros)	% of the total	% annual variation
	TOTAL CURRENT EXPENDITURE	1,919,764.3	100.0	3.7
05-06-07-08-09	Mining and quarrying	20,086.0	1.1	2.1
10-11-12	Food, beverage and tobacco	540,931.6	28.2	2.2
13-14-15	Textile, clothing, leather and footwear	38,275.5	2.0	7.4
16	Wood and cork	13,914.7	0.7	-0.4
17-18	Paper, printing and reproduction of recorded media	113,508.3	5.9	-0.6
19	Manufacture of coke and refined petroleum products	108,231.5	5.7	4.5
20-21	Chemical and pharmaceutical industry	328,918.4	17.1	-1.4
22	Rubber and plastic products	49,288.6	2.6	1.5
23	Non-metallic mineral products	72,670.1	3.8	2.5
24-25	Manufacture of basic metals	291,940.8	15.1	9.0
26-27	Computer, electronic and optical products	48,257.2	2.5	6.8
28	Machinery and equipment	23,396.9	1.2	-3.1
29-30	Transport equipment	106,045.4	5.5	13.0
31-32-33	Other manufacturing (repairs and maintenance, furniture,...)	34,269.9	1.8	-6.0
35	Electricity, gas, steam and air conditioning supply	130,029.4	6.8	13.1

The activity with the greatest investment in environmental protection in 2017 was *Electricity, gas, steam and air conditioning supply*, with 196.4 million euros, 32.8% of the total.

Also noteworthy were the investments made in *Manufacture of coke and refined petroleum products* (89.7 million euros) and in the *Chemical and pharmaceutical industry* (82.4 million euros).

Investment by industrial sectors. Year 2017

CNAE 2009	Sector	Amount (thousands of euros)	% of the total	% annual variation
	TOTAL INVESTMENT	599,647.0	100.0	-6.1
05-06-07-08-09	Mining and quarrying	8,450.6	1.4	72.7
10-11-12	Food, beverage and tobacco	55,913.9	9.3	10.2
13-14-15	Textile, clothing, leather and footwear	1,996.8	0.3	-21.6
16	Wood and cork	3,710.5	0.6	2.7
17-18	Paper, printing and reproduction of recorded media	38,319.4	6.4	56.8
19	Manufacture of coke and refined petroleum products	89,700.2	15.0	5.5
20-21	Chemical and pharmaceutical industry	82,424.3	13.8	17.3
22	Rubber and plastic products	20,431.1	3.4	25.6
23	Non-metallic mineral products	22,975.3	3.8	1.0
24-25	Manufacture of basic metals	51,220.7	8.5	4.1
26-27	Computer, electronic and optical products	4,859.8	0.8	-1.5
28	Machinery and equipment	1,802.7	0.3	13.0
29-30	Transport equipment	19,196.1	3.2	-19.2
31-32-33	Other manufacturing (repairs and maintenance, furniture,...)	2,199.8	0.4	36.2
35	Electricity, gas, steam and air conditioning supply	196,445.8	32.8	-29.0

Results by Autonomous Communities

Industrial establishments in Cataluña made the largest expenditure on environmental protection in 2017, with 22.3% of the national total. It was followed by Andalucía (13.8% of the total) and Comunitat Valenciana (9.6%).

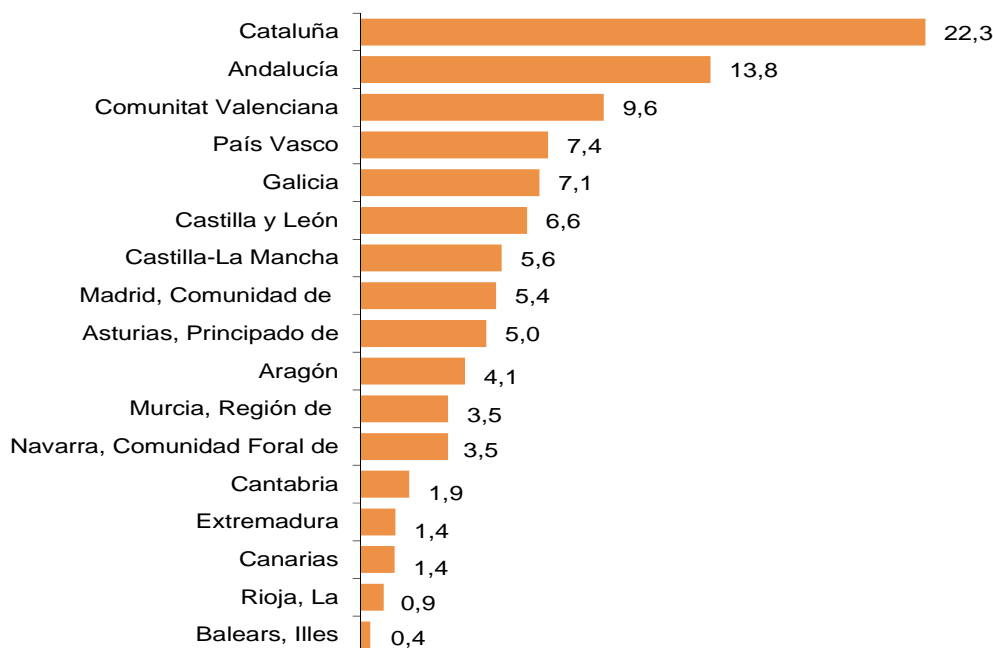
By components, the highest current expenditure was made in Cataluña (463.9 million euros) and the highest investment in Andalucía (103.3 million euros).

Expenditure on environmental protection by Autonomous Community. Year 2017

	TOTAL EXPENDITURE		Current expenditure	Investment
	Amount (thousands of euros)	% of the total	Amount (thousands of euros)	Amount (thousands of euros)
TOTAL ¹	2,519,411.3	100.0	1,919,764.3	599,647.0
Andalucía	348,498.9	13.8	245,242.7	103,256.2
Aragón	104,294.7	4.1	84,489.2	19,805.5
Asturias, Principado de	125,428.8	5.0	72,654.1	52,774.7
Balears, Illes	10,215.2	0.4	9,266.3	948.9
Canarias	34,434.3	1.4	27,691.5	6,742.8
Cantabria	48,934.5	1.9	37,086.7	11,847.8
Castilla y León	166,033.7	6.6	134,317.1	31,716.6
Castilla-la Mancha	140,844.0	5.6	112,476.2	28,367.8
Cataluña	562,344.2	22.3	463,856.6	98,487.6
Comunitat Valenciana	242,335.3	9.6	190,061.6	52,273.7
Extremadura	34,298.8	1.4	21,103.4	13,825.4
Galicia	178,451.5	7.1	110,430.1	68,021.4
Madrid, Comunidad de	135,297.5	5.4	96,841.2	38,456.3
Murcia, Región de	87,576.9	3.5	63,586.4	23,990.5
Navarra, Comunidad Foral de	87,455.8	3.5	70,654.4	16,081.4
País Vasco	186,967.5	7.4	156,883.8	30,083.7
Rioja, La	23,475.4	0.9	21,558.7	1,916.7

¹ The total include data relating to the Autonomous Cities of Ceuta and Melilla, which are not published separately in order to preserve statistical confidentiality.

Total expenditure on environmental protection in industry. Year 2017. Percentage of total



Methodological note

The main objective of the Statistics on environmental protection activities is to have regular, representative and comparable data on expenditure incurred by companies in order to evaluate national and Community policies in this environmental area.

The Survey on Industry Expenditure on Environmental Protection presents the expenditure on environmental protection, both current and investment expenditure, that the industrial sector carries out in order to avoid, reduce or eliminate the pollution resulting from the development of its activity (emissions of pollutants into the air, noise pollution, treatment of wastewater and solid waste generated, etc.).

The fundamental variable for the survey, investment, is broken down by environmental field for both types of existing equipment, "end-of-pipe" equipment and integrated equipment.

For more information you can access the methodology at:

<http://www.ine.es>

And the standardised methodological report at:

<http://www.ine.es/dynt3/metadatos/en/RespuestaDatos.html?oe=30066>

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