

23 July 2021

Statistics on Environmental Protection Activities Year 2019

The Industry allocated 2,792 million euros to environmental protection in 2019, 6.3% more than in the previous year

A total of 38.8% of this expenditure was dedicated to waste management

Industry expenditure on environmental protection amounted to 2,792 million euros in 2019, with an increase of 6.3% over the previous year. This figure represented 0.41% of the sector's turnover.

Current expenditure on environmental protection increased by 2.4%, while investment increased by 18.9%.

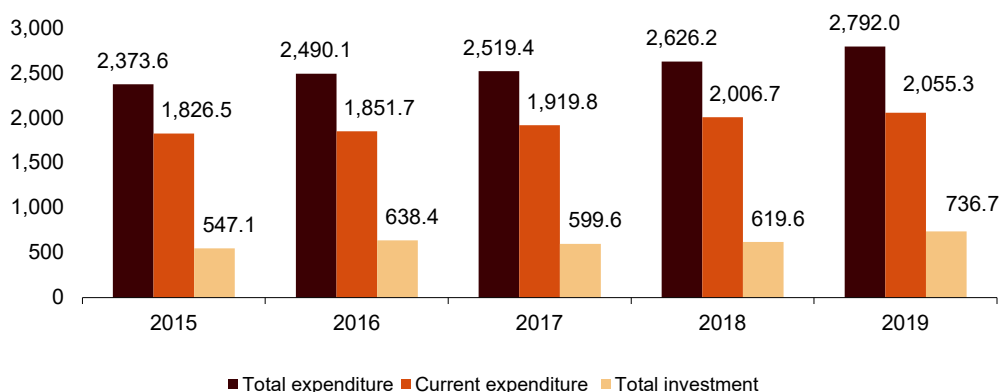
Industry expenditure on environmental protection Year 2019

	Amount (thousand euros)	% anual rate	% turnover ¹
Total expenditure	2,792,021.3	6.3	0.41
Current expenditure	2,055,342.9	2.4	0.30
Investment	736,678.4	18.9	0.11

¹ Turnover obtained from SBS: industrial sector

Current expenditure and investment on environmental protection. Year 2019

Millions of euros



Results by environmental areas

The Industry's highest expenditure in the area of environmental protection was for waste management, representing 38.8% of the total, followed by air and climate protection, with 26.1% of the total expenditure.

However, aggregate spending on protection and decontamination of soils, groundwater and surface waters, noise and vibration reduction and other activities had the highest annual growth (10.4%), followed by *Air and climate protection* (8.8%).

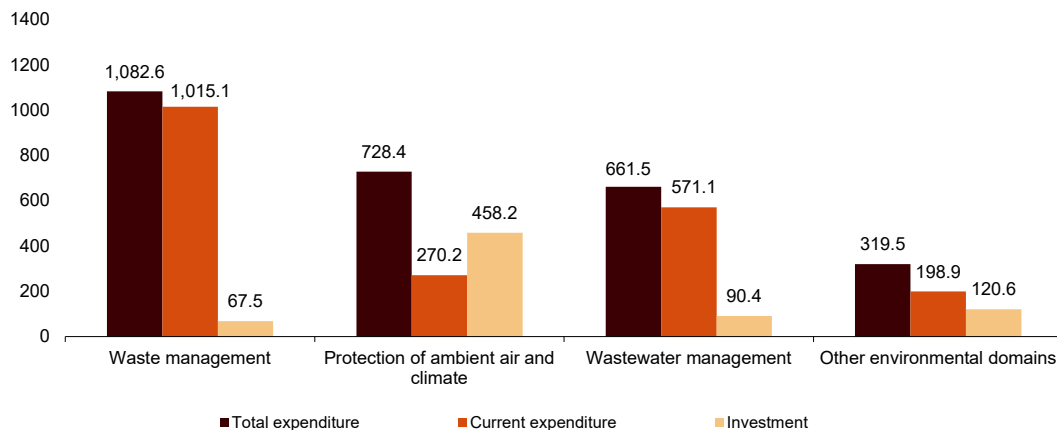
Total spending by environmental areas. Year 2019

	Amount (thousand euros)	% total	% annual rate
TOTAL EXPENDITURE	2,792,021.3	100.0	6.3
Waste management	1,082,597.4	38.8	6.7
Protection of ambient air and climate	728,373.6	26.1	8.8
Wastewater management	661,538.0	23.7	1.4
Other environmental domains ¹	319,512.3	11.4	10.4

¹ Include Protection and remediation of soil and groundwater and surface water, noise and vibration abatement and other activities.

By type of expenditure, the highest current expenditure was registered in the area of Waste management, with 1,015.1 million euros. In investments, the area of Air and Climate Protection stood out, with 458.2 million euros.

Distribution by type of expenditure and environmental scope. Millions of euros



Results by industrial sector

The sectors concentrating the highest total expenditure on environmental protection in 2019 were Food, beverages and tobacco (22.8% of the total), Chemicals and pharmaceuticals (15.9%) and Metallurgy and manufacture of metal products (13.8%).

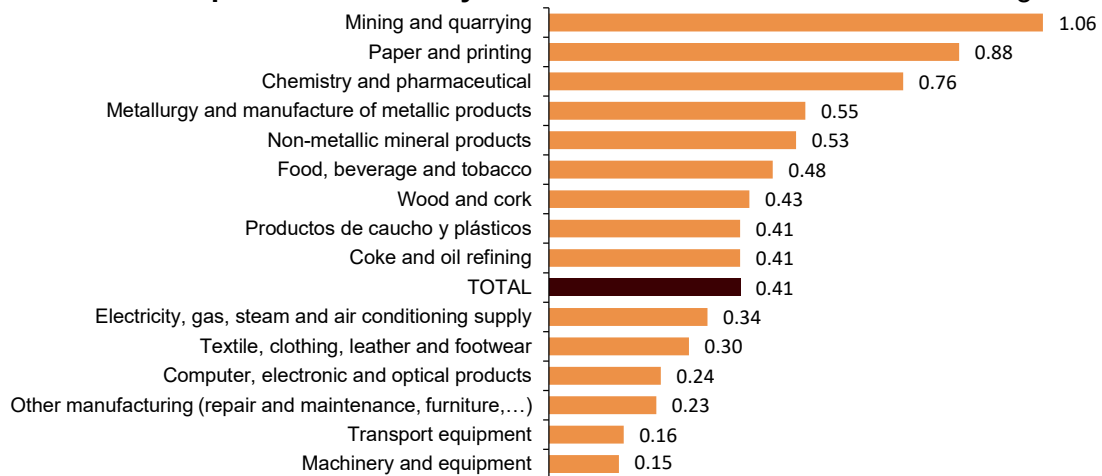
In the comparison with the previous year, the sectors where spending increased the most in 2019 were Mining and quarrying (41.7%) and Wood and cork (35.7%). On the other hand, Manufacture of coke and refined petroleum products registered a 3.7% decrease in spending.

The industries that devoted the largest portion of their turnover to environmental protection were the Mining and quarrying (1.06% of the total) and Paper, graphic arts and reproduction of recorded media (0.88%) industries.

Total expenditure on environmental protection with respect to turnover, by industrial sectors. Year 2019

Sector	Amount (thousand euros)	% total	% anual rate	% turnover
TOTAL	2,792,021.2	100.0	6.3	0.41
05-06-07- 08-09 Mining and quarrying	39,796.3	1.4	41.7	1.06
10-11-12 Food, beverage and tobacco	634,944.2	22.8	1.5	0.48
13-14-15 Textile, clothing, leather and footwear	44,065.9	1.6	5.0	0.30
16 Wood and cork	33,591.4	1.2	35.7	0.43
17-18 Paper and printing	178,647.4	6.4	23.9	0.88
19 Coke and oil refining	218,834.3	7.8	-3.7	0.41
20-21 Chemistry and pharmaceutical	444,385.4	15.9	-1.6	0.76
22 Rubber and plastic products	89,165.8	3.2	22.0	0.41
23 Non-metallic mineral products	114,965.6	4.1	14.5	0.53
24-25 Metallurgy and manufacture of metallic products	386,503.4	13.8	-1.6	0.55
26-27 Computer, electronic and optical products	57,527.7	2.1	3.4	0.24
28 Machinery and equipment	34,125.3	1.2	10.1	0.15
29-30 Transport equipment	152,744.6	5.5	11.2	0.16
31-32-33 Other manufacturing (repair and maintenance, furniture,...)	48,355.5	1.7	13.4	0.23
35 Electricity, gas, steam and air conditioning supply	314,368.4	11.3	25.7	0.34

Expenditure with respect to turnover by industrial sectors. Year 2019. Percentage



By expense type, the sectors concentrating the highest current expenditure on environmental protection in 2019 were *Food, beverages and tobacco* (27.6% of the total), *Chemicals and pharmaceuticals* (17.4%) and *Metallurgy and manufacture of metal products* (14.6%).

The sectors with the highest investment in environmental protection were *Electricity, gas, steam and air conditioning supply* and *Manufacture of coke and refined petroleum products*, with 24.2% and 14.1% of the total, respectively.

Current spending and investment by sectors. Year 2019

Sector	Current expenditure (thousand euros)	Current expenditure (% total)	Investment	Investment (% total)
TOTAL	2,055,343.0	100.0	736,678.4	100.0
05-06-07-08-09 Quarrying and mining	22,577.6	1.1	17,218.7	2.3
10-11-12 Food, beverage and tobacco	565,982.0	27.6	68,962.2	9.4
13-14-15 Textile, clothing, leather and footwear	38,577.1	1.9	5,488.8	0.7
16 Wood and cork	21,371.0	1.0	12,220.4	1.7
17-18 Paper and printing	122,809.4	6.0	55,838.0	7.6
19 Coke and oil refining	115,614.4	5.6	103,219.9	14.1
20-21 Chemical and pharmaceutical	357,710.0	17.4	86,675.5	11.9
22 Rubber and plastic products	60,073.4	2.9	29,092.4	3.9
23 Non-mineral metallic products	76,836.8	3.7	38,128.8	5.2
24-25 Metallurgy and manufacturing of metallic products	300,059.7	14.6	86,443.8	11.7
26-27 Computer, electronic and optical products	52,778.1	2.6	4,749.6	0.6
28 Machinery and equipment	30,942.1	1.5	3,183.2	0.4
29-30 Transport equipment	111,351.1	5.4	41,393.5	5.6
31-32-33 Other manufacturing (repair and maintenance, furniture,...)	42,892.0	2.1	5,463.5	0.7
35 Electricity, gas, steam and air conditioning supply	135,768.3	6.6	178,600.1	24.2

Results by Autonomous Communities

Industrial establishments in Cataluña made the largest expenditure on environmental protection in 2019, with 22.2% of the national total. This was followed by Andalucía (12.2%) and Comunitat Valenciana (9.7%).

The Autonomous Communities in which the proportion of total expenditure with respect to turnover was the highest were Principado de Asturias (0.92%), followed by Galicia (0.61%).

By components, Cataluña had the highest current expenditure (490.2 million euros) while Galicia had the highest investment (148.8 million).

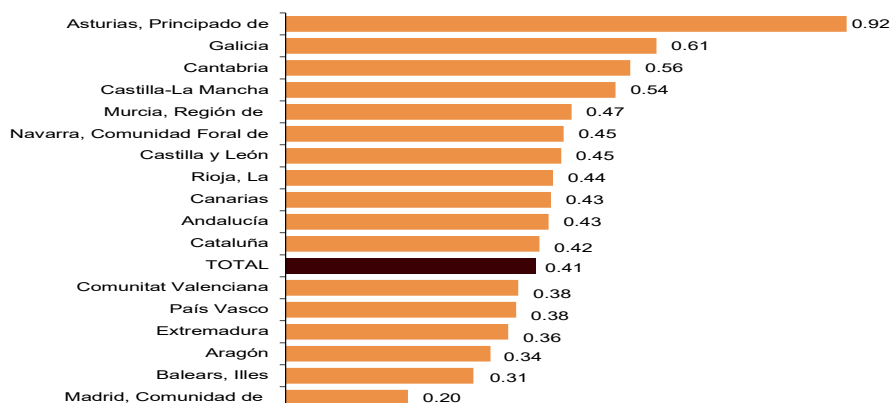
Spending on environmental protection by Autonomous Communities Year 2019

	TOTAL EXPENDITURE			Current expenditure	Investment
	Amount (thousand euros)	% total	% turnover ²	Amount (thousand euros)	Amount (thousand euros)
TOTAL¹	2,792,021.2	100.0	0.41	2,055,342.9	736,678.3
Andalucía	340,980.6	12.2	0.43	260,857.6	80,123.0
Aragón	106,537.4	3.8	0.34	93,678.2	12,859.2
Asturias, Principado de	128,508.6	4.6	0.92	72,491.9	56,016.7
Balears, Illes	15,063.2	0.5	0.31	9,289.2	5,774.0
Canarias	32,257.4	1.2	0.43	29,256.8	3,000.6
Cantabria	51,684.7	1.9	0.56	40,256.0	11,428.7
Castilla y León	179,727.2	6.4	0.45	138,032.9	41,694.3
Castilla-La Mancha	156,262.9	5.6	0.54	127,088.1	29,174.8
Cataluña	618,226.7	22.2	0.42	490,228.1	127,998.6
Comunitat Valenciana	270,275.1	9.7	0.38	208,447.2	61,827.9
Extremadura	29,548.3	1.1	0.36	23,952.6	5,595.7
Galicia	260,756.7	9.3	0.61	111,985.5	148,771.2
Madrid, Comunidad de	143,771.1	5.1	0.20	101,744.0	42,027.1
Murcia, Región de	108,600.2	3.9	0.47	74,524.9	34,075.3
Navarra, Comunidad Foral de	99,545.0	3.6	0.45	80,177.2	19,367.8
País Vasco	221,939.0	7.9	0.38	169,397.7	52,541.3
Rioja, La	26,437.5	0.9	0.44	22,365.7	4,071.8

¹ Autonomous cities Ceuta and Melilla data are included in TOTAL, but not released separately, in order to preserve statistical secret.

² Turnover obtained from SBS: industrial sector.

Expenditure with respect to turnover by Autonomous Communities. Year 2019. Percentage



Data Review and Update

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

Methodological note

The main objective of the Environmental Protection Activities Statistics is to obtain regular, representative and comparable data on the expenses companies make in order to evaluate national and community policy in the environmental area.

The Survey of Industry Expenditure on Environmental Protection shows expenses on environmental protection, both current and investment expenses, in order to avoid, reduce or eliminate pollution resulting from the industry activities (emissions of pollutants into the air, noise pollution, treatment of waste water and solid waste, 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 the methodology can be accessed at:

<http://www.ine.es>

The standardized methodological report is at:

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

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 Good Practices](#) on the INE website.

For further information see INEbase: www.ine.es/en/ Twitter: [@es_ine](#)

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