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Waste Production Surveys. 2006

Spanish Industry produces 59.3 million tonnes of waste, 1.9% less than the previous year

The industrial sector in Spain produced 59.3 million tonnes of waste during the year 2006, indicating a 1.9% decrease on the previous year, according to the *Waste Production in Industry Survey*. This decrease was mainly due to the reduce

tion of mineral waste in the extractive industries.

Of the total waste figure, 26.1 million tonnes were produced in the extractive industries, 25.8 million tonnes in the manufacturing industries and 7.3 million tonnes in the energy sector.

Waste produced, classified by industrial¹ economic activity

Unit: thousands of tonnes

Waste produced	Non-hazardous	Hazardous	Total
TOTAL	57,122.1	2,131.6	59,253.7
Extractive industries	26,096.1	5.3	26,101.4
Manufacturing industries	23,789.3	2,059.0	25,848.3
Food, beverages and tobacco products	5,094.7	18.2	5,112.9
Textile, clothing and leather industries	158.3	4.8	163.1
Wood and cork industries	734.8	9.7	744.5
Paper and publishing industries	3,450.1	26.7	3,476.8
Manufacture of coke and refined petroleum products	45.9	52.4	98.3
Chemical and plastic industries	2,574.9	556.3	3,131.2
Iron and steel industry and other metallic and non-metallic products	10,137.7	1,171.2	11,308.9
Manufacture of furniture	243.8	13.6	257.4
Rest of manufacturing activities	1,349.3	206.1	1,555.4
Electrical energy and Gas	7,236.7	67.3	7,304.0

¹ This excludes industrial establishments with fewer than 10 employees.

Hazardous waste production stands at 2.1 million tonnes

Of the total waste produced by Industry, **2.1 million tonnes were classified as hazardous waste** in accordance with EC guidelines.

Non-hazardous waste reached 57.1 million tonnes. Most of this waste corresponded to mineral waste (34.3 million tonnes) and combustion waste (8.9 million tonnes).

Waste produced by the industrial sector

Unit: thousands of tonnes

Waste produced in Industry (classified by type)	Non-hazardous	Hazardous	Total
TOTAL	57,122.1	2,131.6	59,253.7
01 - Chemical waste (not including 01.3)	50.3	652.8	703.1
01.3 - Used oils	0	89.7	89.7
02 - Chemical and physical process waste	71.5	169.5	241.0
03 - Other chemical waste	1,579.2	586.0	2,165.2
05 - Biological waste	11.8	2.4	14.2
06 - Metallic waste	2,327.4	73.6	2,401.0
07.1 - Glass waste	346.2	0.4	346.6
07.2 - Paper and cardboard waste	1,446.2	0	1,446.2
07.3 - Rubber waste	56.6	0	56.6
07.4 - Plastic waste	282.0	0	282.0
07.5 - Wooden waste	1,070.5	1.1	1,071.6
07.6 - Textile waste	62.1	0	62.1
07.7 - Waste containing PCBs	0	4.5	4.5
08 - Discarded equipment	6.7	18.1	24.8
09 - Animal and vegetal waste	2,358.3	0	2,358.3
10 - Mixed common waste	1,259.4	53.7	1,313.1
11 - Common sludge	2,829.3	0	2,829.3
12 - Mineral waste (not including 12.4)	34,284.9	122.3	34,407.2
12.4 - Combustion waste	8,913.1	354.4	9,267.5
13 - Solidified and vitrified waste	166.7	3.1	169.8

Castilla y León, the Autonomous Community producing the most non-hazardous waste

Castilla y León was the Autonomous Community which produced the most non-hazardous waste in 2006, with 46.5% of the total. Galicia followed, with 8.9% of the national total.

The Autonomous Community which produced the most hazardous waste in 2006 was Cataluña, with 23.3% of the national total. It was followed by País Vasco, with 17.9%

Waste produced by Autonomous Community

Unit: thousands of tonnes

Autonomous Community	Non-hazardous	Hazardous	Total
Andalucía	4,166.8	170.8	4,337.6
Aragón	3,676.4	32.9	3,709.3
Asturias (Principado de)	3,028.0	134.4	3,162.4
Balears (Illes)	196.2	4.2	200.4
Canarias	149.8	9.2	159.0
Cantabria	599.5	78.1	677.6
Castilla y León	26,589.0	150.3	26,739.3
Castilla-La Mancha	678.6	161.1	839.7
Cataluña	3,580.6	496.2	4,076.8
Comunitat Valenciana	3,259.6	157.2	3,416.8
Extremadura	460.7	23.4	484.1
Galicia	5,071.4	89.6	5,161.0
Madrid (Comunidad de)	1,697.9	139.3	1,837.2
Murcia (Región de)	557.1	35.2	592.3
Navarra (Comunidad Foral de)	721.4	51.1	772.5
País Vasco	2,536.3	381.5	2,917.8
Rioja (La)	153.0	17.0	170.0
Spain	57,122.1	2,131.6	59,253.7

Waste produced by Autonomous Community

Vertical percentage

Autonomous Community	Non-hazardous	Hazardous	Total
Andalucía	7.3	8.0	7.3
Aragón	6.4	1.5	6.3
Asturias (Principado de)	5.3	6.3	5.3
Balears (Illes)	0.3	0.2	0.3
Canarias	0.3	0.4	0.3
Cantabria	1.0	3.7	1.1
Castilla y León	46.5	7.1	45.1
Castilla-La Mancha	1.2	7.6	1.4
Cataluña	6.3	23.3	6.9
Comunitat Valenciana	5.7	7.4	5.8
Extremadura	0.8	1.1	0.8
Galicia	8.9	4.2	8.7
Madrid (Comunidad de)	3.0	6.5	3.1
Murcia (Región de)	1.0	1.7	1.0
Navarra (Comunidad Foral de)	1.3	2.4	1.3
País Vasco	4.4	17.9	4.9
Rioja (La)	0.3	0.8	0.3
Spain	100.0	100.0	100.0

Waste production in the Services sector

In the Services activities considered in the *Waste Production in the Services Sector Survey*², 7.9 million tonnes of non-hazardous waste and 0.8 million tonnes of hazardous waste were produced during the year 2006. As compared with 2005, the waste produced in the Services sector decreased 5.3%, with different behaviour observed between non-hazardous waste, which decreased 6.8%, and hazardous waste, which increased 13.5%.

Among the non-hazardous waste produced in 2006, it was worth noting that corresponding to paper and cardboard (with 1.3 million tonnes) and household waste (with 1.5 million tonnes).

In the case of the hazardous waste produced, used oils and chemical preparation waste amounted to a total of 314.9 thousand tonnes, representing 38.2% of the total for this type of waste.

Waste produced by the Services sector. Total

Unit: thousands of tonnes

Waste generated in the Services sector	Non-hazardous	Hazardous	Total
TOTAL	7,919.4	825.6	8,741.1
01.1 - Used solvents	0	19.5	19.5
01.3 - Used oils	0	165.8	165.8
02 - Chemical preparation waste	61.6	149.1	210.7
03.12 - Oil/water emulsion sludge	0	79.4	79.4
05 - Medical and biological waste	241.7	70.5	312.2
06 - Metallic waste	290.3	9.2	299.5
07.1 - Glass waste	272.0	6.6	278.6
07.2 - Paper and cardboard waste	1,321.0	0	1,321.0
07.3 - Rubber waste	241.8	0	241.8
07.4 - Plastic waste	563.8	0	563.8
07.5 - Wooden waste	263.7	3.5	267.3
07.6 - Textile waste	9.8	0	9.8
08 - Discarded equipment (not including 08.4)	684.8	71.1	755.9
08.4 - Discarded equipment components	55.7	55.2	110.9
09.1 - Food product waste	326.6	0	326.6
10.1 - Household waste and similar	1,486.3	0	1,486.3
12.1 - Construction and demolition waste	1,146.4	13.7	1,160.1
Other types of waste	953.7	182.1	1,135.8

² The data correspond to the group of companies with 10 employees or more (5 or more, in the case of car repair workshops), whose main activity is defined in some of the sections corresponding to the service sector of NACE-93 Rev.1, except the activities relating to financial intermediation, Public Administration, Defence and compulsory Social Security.

Waste produced

Vertical percentage

Waste produced in the Services sector	Non-hazardous	Hazardous	Total
TOTAL	100.0	100.0	100.0
01.1 - Used solvents	0.0	2.4	0.2
01.3 - Used oils	0.0	20.1	1.9
02 - Chemical preparation waste	0.8	18.1	2.4
03.12 - Oil/water emulsion sludge	0.0	9.6	0.9
05 - Medical and biological waste	3.1	8.5	3.6
06 - Metallic waste	3.7	1.1	3.4
07.1 - Glass waste	3.4	0.8	3.2
07.2 - Paper and cardboard waste	16.7	0.0	15.1
07.3 - Rubber waste	3.1	0.0	2.8
07.4 - Plastic waste	7.1	0.0	6.4
07.5 - Wooden waste	3.3	0.4	3.1
07.6 - Textile waste	0.1	0.0	0.1
08 - Discarded equipment (not including 08.4)	8.7	8.6	8.6
08.4 - Discarded equipment components	0.7	6.7	1.3
09.1 - Food product waste	4.1	0.0	3.7
10.1 - Household waste and similar	18.8	0.0	17.0
12.1 - Construction and demolition waste	14.5	1.7	13.3
Other types of waste	12.0	22.0	13.0

For further information see [INEbase-www.ine.es/en/welcome_en.htm](http://www.ine.es/en/welcome_en.htm) All press releases at: www.ine.es/en/prensa/prensa_en.htm

Press office: Telephone: 91 583 93 63 / 94 08 – Fax: 91 583 90 87 - gprensa@ine.es

Information area: Telephone: 91 583 91 00 – Fax: 91 583 91 58 – www.ine.es/infoine