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Waste Production Surveys. 2007

Spanish Industry produces 60.7 million tonnes of waste, 2.4% more than the previous year

The industrial sector in Spain produced 60.7 million tonnes of waste during the year 2007, indicating a 2.4% increase on the previous year, according to the *Waste Production Survey*. This variation was mainly due to the increase of mineral waste in the extractive industries and combustion waste.

Of the total waste figure, 26.3 million tonnes were produced in the manufacturing industries, 25.9 million tonnes in the extractive industries and 8.5 million tonnes in the energy sector.

Waste produced, classified by industrial¹ economic activity

Unit: thousands of tonnes

Waste produced	Non-hazardous	Hazardous	Total
TOTAL	58,530.1	2,162.6	60,692.7
Extractive industries	25,912.4	7.4	25,919.8
Manufacturing industries	24,144.2	2,109.7	26,253.9
Food, beverages and tobacco products	4,802.4	53.3	4,855.7
Textile, clothing and leather industries	154.0	6.7	160.7
Wood and cork industries	607.6	10.7	618.4
Paper and publishing industries	2,733.5	36.0	2,769.5
Manufacture of coke and refined petroleum products	68.2	78.6	146.8
Chemical and plastic industries	2,927.3	665.0	3,592.3
Iron and steel industry and other metallic and non-metallic products	11,142.3	1,040.1	12,182.4
Manufacture of furniture	253.2	11.9	265.1
Rest of manufacturing activities	1,455.7	207.4	1,663.0
Electrical energy and Gas	8,473.5	45.5	8,519.0

¹ This excludes industrial establishments with fewer than 10 employees.

Hazardous waste production stands at 2.2 million tonnes

Of the total waste produced by Industry, **2.2 million tonnes were classified as hazardous waste** in accordance with EC guidelines.

Non-hazardous waste reached 58.5 million tonnes. Most of this waste corresponded to mineral waste (35.3 million tonnes) and combustion waste (10.4 million tonnes).

Waste produced by the industrial sector

Unit: thousands of tonnes

Waste produced in Industry (classified by type)	Non- hazardous	Hazardous	Total
TOTAL	58,530.1	2,162.6	60,692.7
01 - Chemical waste (not including 01.3)	112.05	614.2	726.7
01.3 - Used oils	0.0	91.4	91.4
02 - Chemical process waste	67.9	171.5	239.4
03 - Other chemical waste	1,347.3	677.8	2,025.1
05 - Medical and biological waste	2.4	32.9	35.3
06 - Metallic waste	2,463.0	52.2	2,515.1
07.1 - Glass waste	306.4	0.5	306.8
07.2 - Paper and cardboard waste	1,403.6	0.0	1,403.6
07.3 - Rubber waste	56.9	0.0	56.9
07.4 - Plastic waste	265.5	0.0	265.5
07.5 - Wooden waste	956.2	3.7	960.0
07.6 - Textile waste	88.1	0.0	88.1
07.7 - Waste containing PCBs	0.0	5.6	5.6
08 - Discarded equipment	8.8	19.3	28.0
09 - Animal and vegetal waste	2,284.1	0.0	2,284.1
10 - Mixed common waste	1,508.2	55.7	1,563.9
11 - Common sludge	1,830.6	0.0	1,830.6
12 - Mineral waste (not including 12.4)	35,283.5	165.2	35,448.8
12.4 - Combustion waste	10,444.3	271.9	10,716.2
13 - Solidified and vitrified waste	100.8	0.8	101.6

Castilla y León, the Autonomous Community producing the most waste in 2007

Castilla y León was the Autonomous Community which produced the most non-hazardous waste in 2007, with 48.4% of the total. Galicia followed, with 8.7% of the national total.

The Autonomous Community which produced the most hazardous waste in 2007 was Cataluña, with 24.8% of the national total. It was followed by País Vasco, with 14.0%

Waste produced by Autonomous Community

Unit: thousands of tonnes

Autonomous Community	Non-hazardous	Hazardous	Total
Andalucía	4,415.2	225.2	4,640.4
Aragón	3,251.2	67.9	3,319.1
Asturias (Principado de)	2,904.6	126.4	3,031.0
Balears (Illes)	103.2	5.4	108.6
Canarias	79.8	10.0	89.8
Cantabria	519.3	66.9	586.2
Castilla y León	28,337.0	91.7	28,428.7
Castilla-La Mancha	972.6	210.2	1,182.8
Cataluña	4,186.6	537.2	4,723.8
Comunitat Valenciana	3,294.1	173.5	3,467.6
Extremadura	216.5	40.1	256.6
Galicia	5,092.2	82.4	5,174.6
Madrid (Comunidad de)	1,397.8	101.0	1,498.8
Murcia (Región de)	433.4	71.2	504.6
Navarra (Comunidad Foral de)	632.2	42.3	674.5
País Vasco	2,536.9	302.4	2,839.3
Rioja (La)	157.5	9.0	166.5
Spain	58,530.1	2,162.6	60,692.7

Waste produced by Autonomous Community

Vertical percentage

Autonomous Community	Non-hazardous	Hazardous	Total
Andalucía	7.5	10.4	7.6
Aragón	5.6	3.1	5.5
Asturias (Principado de)	5.0	5.8	5.0
Balears (Illes)	0.2	0.2	0.2
Canarias	0.1	0.5	0.1
Cantabria	0.9	3.1	1.0
Castilla y León	48.4	4.2	46.8
Castilla-La Mancha	1.7	9.7	1.9
Cataluña	7.2	24.8	7.8
Comunitat Valenciana	5.6	8.0	5.7
Extremadura	0.4	1.9	0.4
Galicia	8.7	3.8	8.5
Madrid (Comunidad de)	2.4	4.7	2.5
Murcia (Región de)	0.7	3.3	0.8
Navarra (Comunidad Foral de)	1.1	2.0	1.1
País Vasco	4.3	14.0	4.7
Rioja (La)	0.3	0.4	0.3
Spain	100.0	100.0	100.0

Waste production in the Services sector

In the Services activities considered in the *Waste Production Survey*², 7.3 million tonnes of non-hazardous waste and 0.79 million tonnes of hazardous waste were produced during the year 2007. As compared with 2006, the waste produced in the Services sector decreased 7.15%.

Among the non-hazardous waste produced in 2007, it was worth noting that corresponding to paper and cardboard (with 1.1 million tonnes) and household waste (with 1.4 million tonnes).

In the case of the hazardous waste produced, used oils and chemical preparation waste amounted to a total of 258.2 thousand tonnes, representing 32.6% 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	7,326.7	792.8	8,119.5
01.1 - Used solvents	0.0	27.9	27.9
01.3 - Used oils	0.0	143.3	143.3
02 - Chemical preparation waste	29.9	114.8	144.8
03.12 - Oil/water emulsion sludge	0.0	113.5	113.5
05 - Medical and biological waste	227.9	68.9	296.8
06 - Metallic waste	3806	15.4	396.0
07.1 - Glass waste	228.1	0.5	228.6
07.2 - Paper and cardboard waste	1,182.9	0.0	1,182.9
07.3 - Rubber waste	201.3	0.0	201.3
07.4 - Plastic waste	510.1	0.0	510.1
07.5 - Wooden waste	269.3	1.5	270.8
07.6 - Textile waste	13.9	0.0	13.9
08 - Discarded equipment (not including 08.4)	602.9	72.5	675.4
08.4 - Discarded equipment components	43.2	86.4	129.7
09.1 - Food product waste	340.5	0.0	340.5
10.1 - Household waste and similar	1,426.7	0.0	1,426.7
12.1 - Construction and demolition waste	966.1	14.5	980.6
Other types of waste	903.3	133.5	1,036.8

² The data corresponds 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 CNAE-93 Rev.1, except the activities relating to financial intermediation, Public Administration, Defence and compulsory Social Security.

Waste produced

(Vertical percentage)

	Non-hazardous	Hazardous	Total
TOTAL	100	100	100
01.1 - Used solvents	0.0	3.5	0.3
01.3 - Used oils	0.0	18.1	1.8
02 - Chemical preparation waste	0.4	14.5	1.8
03.12 - Oil/water emulsion sludge	0.0	14.3	1.4
05 - Medical and biological waste	3.1	8.7	3.7
06 - Metallic waste	5.2	1.9	4.9
07.1 - Glass waste	3.1	0.1	2.8
07.2 - Paper and cardboard waste	16.1	0.0	14.6
07.3 - Rubber waste	2.7	0.0	2.5
07.4 - Plastic waste	7.0	0.0	6.3
07.5 - Wooden waste	3.7	0.2	3.3
07.6 - Textile waste	0.2	0.0	0.2
08 - Discarded equipment (not including 08.4)	8.2	9.1	8.3
08.4 - Discarded equipment components	0.6	10.9	1.6
09.1 - Food product waste	4.6	0.0	4.2
10.1 - Household waste and similar	19.5	0.0	17.6
12.1 - Construction and demolition waste	13.2	1.8	12.1
Other types of waste	12.3	16.8	12.8

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

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