

26 October 2011

Waste Production Surveys
Year 2009

**Spanish industry produces 40.2 million tonnes of waste in 2009,
19.6% less than the previous year**

During the year 2009, the industrial sector in Spain produced 40.2 million tonnes of waste, representing a 19.6% drop as compared with the previous year, according to the *Survey on the Generation of Waste in the Industrial Sector*. This variation was due, mainly, to the decrease in mineral waste and combustion waste.

Of the total waste figure, 22 million tonnes were produced in the extractive industries, 14.9 million tonnes in the manufacturing industries and 3.3 million tonnes in the energy sector.

Waste produced, classified by industrial economic activity¹. Year 2009

Unit: thousands of tonnes

Waste produced	Non-hazardous	Hazardous	Total
Total	38,773.8	1,383.1	40,156.9
Extractive industries	21,957.6	4.8	21,962.4
Manufacturing industries	13,521.0	1,348.8	14,869.8
Food, beverages and tobacco products	2,827.1	11.8	2,838.9
Textile, clothing and leather industries	96.7	4.8	101.5
Wood and cork industries	205.6	12.9	218.5
Paper and publishing industries	2,002.5	18.6	2,021.1
Manufacture of coke and refined petroleum products	31.7	27.3	59.0
Chemical and rubber industries	826.9	517.9	1,344.8
Iron and steel industry and other metallic and non-metallic products ²	6,281.1	630.0	6,911.1
Manufacture of furniture	1,061.0	109.3	1,170.3
Rest of manufacturing activities	188.4	16.1	204.5
Electrical energy and Gas	3,295.2	29.5	3,324.7

¹ This excludes industrial establishments with fewer than 10 employees. The sludge categories consider only their respective equivalents as dry matter.

² This category includes divisions 26, 27, 28, 29 and 30 of the CNAE 2009.

Production of hazardous and non-hazardous waste

Of the total waste produced by industry, **1.4 million tonnes were classified as hazardous waste**, in accordance with EC guidelines.

Non-hazardous waste reached 38.8 million tonnes. Most of this waste corresponded to mineral waste (26.1 million tonnes) and to combustion waste (4.7 million tonnes).

Waste produced in the industrial sector. Year 2009

Unit: thousands of tonnes

Waste produced (classified by type)	Non-hazardous	Hazardous	Total
Total	38,773.8	1,383.1	40,156.9
01 - Chemical waste (excluding 01.3)	82.5	414.7	497.2
01.3 - Used oils	0	61.0	61.0
02 - Chemical process waste	33.0	150.2	183.2
03.1 - Chemical deposits and waste	115.7	347.1	462.8
03.2 - Industrial effluent sludge (dry)	488.6	46.2	534.8
05 - Medical and biological waste	2.1	1.0	3.1
06 - Metallic waste	1,750.6	3.2	1,753.8
07.1 - Glass waste	231.3	0.4	231.7
07.2 - Paper and cardboard waste	1,283.5	0	1,283.5
07.3 - Rubber waste	34.7	0	34.7
07.4 - Plastic waste	215.7	0	215.7
07.5 - Wooden waste	478.9	0.8	479.7
07.6 - Textile waste	78.1	0	78.1
07.7 - Waste containing PCBs	0	4.6	4.6
08 - Discarded equipment	11.0	15.3	26.3
09 - Animal and vegetal waste	1,822.1	0	1,822.1
10 - Mixed common waste	985.3	52.6	1,037.9
11 - Common sludge (dry)	243.2	0	243.2
12 - Mineral waste (excluding 12.4)	26,143.4	52.0	26,195.4
12.4 - Combustion waste	4,744.5	232.3	4,976.8
13 - Solidified and vitrified waste	29.5	1.7	31.2

Results by Autonomous Community

Castilla y León was the Autonomous Community that produced the most non-hazardous waste in 2009, with 56.7% of the total. Comunitat Valenciana followed with 6.2% of the national total.

In turn, the Autonomous Communities that produced the most hazardous waste in 2009 were Cataluña with 28.4% of the national total. It was followed by Comunitat Valenciana, with 13.3%.

Waste produced by Autonomous Community. Year 2009

Unit: thousands of tonnes

Autonomous Community	Non-hazardous	Hazardous	Total
Andalucía	1,850.3	92.9	1,943.2
Aragón	2,031.3	30.0	2,061.3
Asturias, Principado de	2,064.5	102.2	2,166.7
Balears, Illes	62.3	3.0	65.3
Canarias	109.7	8.5	118.2
Cantabria	361.2	36.0	397.2
Castilla y León	21,990.1	55.2	22,045.3
Castilla-La Mancha	717.3	76.2	793.5
Cataluña	2,242.1	393.1	2,635.2
Comunitat Valenciana	2,415.6	183.8	2,599.4
Extremadura	296.9	23.7	320.6
Galicia	1,358.8	52.2	1,411.0
Madrid, Comunidad de	768.6	89.5	858.1
Murcia, Región de	461.7	38.4	500.1
Navarra, Comunidad Foral de	469.5	24.1	493.6
País Vasco	1,483.0	168.4	1,651.4
Rioja, La	90.8	5.8	96.6
Total	38,773.8	1,383.1	40,156.9

Waste produced by Autonomous Community. Year 2009

Vertical percentage

Autonomous Community	Non-hazardous	Hazardous	Total
Andalucía	4.8	6.7	4.8
Aragón	5.2	2.2	5.1
Asturias, Principado de	5.3	7.4	5.4
Balears, Illes	0.2	0.2	0.2
Canarias	0.3	0.6	0.3
Cantabria	0.9	2.6	1.0
Castilla y León	56.7	4.0	54.9
Castilla-La Mancha	1.8	5.5	2.0
Cataluña	5.8	28.4	6.6
Comunitat Valenciana	6.2	13.3	6.5
Extremadura	0.8	1.7	0.8
Galicia	3.5	3.8	3.5
Madrid, Comunidad de	2.0	6.5	2.1
Murcia, Región de	1.2	2.8	1.2
Navarra, Comunidad Foral de	1.2	1.7	1.2
País Vasco	3.8	12.2	4.1
Rioja, La	0.2	0.4	0.2
Total	100.0	100.0	100.0

Waste production in the services sector

In the year 2009, the services activities included in the Waste Production Survey³ produced 10.1 million tonnes of non-hazardous waste and 0.9 million tonnes of hazardous waste.

Among the non-hazardous waste produced, worth noting were paper and cardboard waste (1.7 million tonnes) and animal and vegetal waste (1.8 million tonnes).

Among the hazardous waste, used oils, chemical process waste and discarded equipment represented 61.7% of the total.

Waste produced in the services sector. Year 2009. Total

Unit: thousands of tonnes

Waste produced (classified by type)	Non- hazardous	Hazardous	Total
Total	10,058.0	923.2	10,981.2
01 - Chemical waste (excluding 01.3)	33.7	78.1	111.8
01.3 - Used oils	..	166.3	166.3
02 - Chemical process waste	73.3	179.7	253.0
03 - Other chemical waste	30.4	98.7	129.1
05 - Medical and biological waste	337.2	86.2	423.4
06 - Metallic waste	380.6	5.7	386.3
07.1 - Glass waste	356.2	34.8	391.0
07.2 - Paper and cardboard waste	1,738.4	..	1,738.4
07.3 - Rubber waste	329.7	..	329.7
07.4 - Plastic waste	912.7	..	912.7
07.5 - Wooden waste	683.6	0.5	684.1
07.6 - Textile waste	25.2	..	25.2
07.7 - Waste containing PCBs	..	0.3	0.3
08 - Discarded equipment	721.4	223.4	944.8
09 - Animal and vegetal waste	1,836.7	..	1,836.7
10 - Mixed common waste	1,687.9	4.4	1,692.3
11 - Common sludge	8.3	..	8.3
12 - Mineral waste (excluding 12.4)	902.6	45.0	947.6
13 - Solidified and vitrified waste	0.0	0.4	0.4

³This excludes the data relating to the Public Administration, Defence and compulsory Social Security. The sludge categories consider only their respective equivalents as dry matter.

Waste produced in the services sector. Year 2009

(Vertical percentage)

Waste produced (classified by type)	Non- hazardous	Hazardous	Total
Total	100	100	100
01 - Chemical waste (excluding 01.3)	0.3	8.4	1.1
01.3 - Used oils	..	18.0	1.5
02 - Chemical process waste	0.7	19.5	2.3
03 - Other chemical waste	0.3	10.7	1.2
05 - Medical and biological waste	3.3	9.3	3.8
06 - Metallic waste	3.8	0.6	3.5
07.1 - Glass waste	3.5	3.8	3.6
07.2 - Paper and cardboard waste	17.3	..	15.8
07.3 - Rubber waste	3.3	..	3.0
07.4 - Plastic waste	9.1	..	8.3
07.5 - Wooden waste	6.8	0.1	6.2
07.6 - Textile waste	0.3	..	0.2
07.7 - Waste containing PCBs	..	0.0	0.0
08 - Discarded equipment	7.2	24.2	8.6
09 - Animal and vegetal waste	18.2	..	16.7
10 - Mixed common waste	16.8	0.5	15.4
11 - Common sludge	0.1	..	0.1
12 - Mineral waste (excluding 12.4)	9.0	4.9	8.6

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

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