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## Waste Production Surveys. 2005

### Spanish industry produces 60.4 million tonnes of waste, 7.4% more than the previous year

The establishments in the different industrial sectors in Spain produced 60.4 million tonnes of waste during the year 2005, indicating a 7.4% increase on the previous year, according to the *Waste Production in Industry Survey*. This increase was mainly due to the growth in the earth-moving of some extractive industries.

Of the total waste figure, 29.0 million tonnes were produced in the extractive industries, 22.9 million tonnes in the manufacturing industries and 8.5 million tonnes in the electricity sector.

### Waste produced, classified by industrial economic activity

Unit: thousands of tonnes

Waste produced	Non-dangerous	Dangerous	Total
<b>TOTAL</b>	<b>58,157.4</b>	<b>2,227.9</b>	<b>60,385.3</b>
<b>Extractive industries</b>	<b>28,951.7</b>	<b>6.6</b>	<b>28,958.3</b>
<b>Manufacturing industries</b>	<b>20,734.9</b>	<b>2,174.3</b>	<b>22,909.1</b>
Food, beverages and tobacco products	4,287.5	77.4	4,364.9
Textile, clothing and leather industries	250.7	12.2	262.9
Wood and cork industries	553.0	12.3	565.4
Paper and publishing industries	1,708.1	28.6	1,736.7
Manufacture of coke and refined petroleum products	45.9	52.2	98.1
Chemical and plastic industries	2,974.9	522.2	3,497.2
Iron and steel industry and other metallic and non-metallic products	9,184.1	1,186.2	10,370.3
Manufacture of furniture	216.1	12.5	228.6
Rest of manufacturing activities	1,574.4	270.6	1,785.0
<b>Electrical energy and Gas</b>	<b>8,470.8</b>	<b>47.0</b>	<b>8,517.8</b>

### Dangerous waste production stands at 2.2 million tonnes

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

On the other hand, **non-dangerous waste reached 58.2 million tonnes**. Most of this waste corresponded to mineral and construction waste (35.0 million tonnes), combustion waste (9.8 million tonnes) and animal and vegetable waste (2.5 million tonnes).

## Waste produced, classified as dangerous and non-dangerous

Unit: thousands of tonnes

Waste produced in industry (classified by type)	Non- dangerous	Dangerous	Total
<b>TOTAL</b>	<b>58,157,358</b>	<b>2,227,895</b>	<b>60,385,253</b>
01 - Chemical waste (not including 01.3)	34,333	631,846	666,179
01.3 - Used oils	0	103,247	103,247
02 - Chemical and physical process waste	184,455	190,438	374,893
03 - Other chemical waste	2,017,639	615,095	2,632,734
05 - Biological waste	10,872	29,800	40,672
06 - Metallic waste	2,487,996	87,844	2,575,840
07.1 -Glass waste	420,812	226	421,038
07.2 -Paper and cardboard waste	1,242,946	0	1,242,946
07.3 -Rubber waste	43,298	0	43,298
07.4 -Plastic waste	346,287	0	346,287
07.5 -Wooden waste	861,648	6,173	867,821
07.6 -Textile waste	106,182	0	106,182
07.7 -Waste containing PCBs	0	1,912	1,912
08 - Discarded equipment	4,885	13,996	18,881
09 - Animal and vegetal waste	2,510,025	0	2,510,025
10 - Mixed common waste	1,230,403	50,147	1,280,550
11 - Common sludge	1,631,751	0	1,631,751
12 - Mineral and construction waste (not including 12.4)	34,945,631	191,373	35,137,004
12.4 - Combustion waste	9,841,708	301,796	10,143,504
13 - Solidified and vitrified waste	236,489	4,001	240,490

## Castilla y León is the Autonomous Community producing the most waste in 2005

By Autonomous Community, Castilla y León produced the most non-dangerous waste in 2005, with 42.3% of the total. Aragón followed, with 10.6% of the national total.

In terms of dangerous waste, the Autonomous Communities of Cataluña, País Vasco and Andalucía produced 49.8% of the national total.

## Waste produced, by Autonomous Community

Unit: thousands of tonnes

Autonomous Communities	Non-dangerous	Dangerous	Total
Andalucía	5,134.0	242.8	5,376.8
Aragón	6,182.8	76.5	6,259.3
Asturias (Principado de)	2,382.8	148.0	2,530.9
Balears (Illes)	66.2	4.3	70.5
Canarias	83.9	14.5	98.4
Cantabria	580.5	133.9	714.3
Castilla y León	24,574.2	110.7	24,684.9
Castilla-La Mancha	2,381.3	48.6	2,429.9
Cataluña	3,903.7	486.1	4,389.7
Comunitat Valenciana	3,676.8	166.0	3,842.8
Extremadura	364.8	18.2	383.1
Galicia	3,742.3	140.5	3,882.9
Madrid (Comunidad de)	1,536.9	122.8	1,659.6
Murcia (Región de)	419.3	56.1	475.4
Navarra (Comunidad Foral de)	538.8	65.6	604.4
País Vasco	2,489.8	382.0	2,871.8
Rioja (La)	99.3	11.3	110.6
<b>Spain</b>	<b>58,157.4</b>	<b>2,227.9</b>	<b>60,385.3</b>

## Waste produced, by Autonomous Community

Vertical percentage

Autonomous Community	Non-dangerous	Dangerous	Total
Andalucía	8.8	10.9	8.9
Aragón	10.6	3.4	10.4
Asturias (Principado de)	4.1	6.6	4.2
Balears (Illes)	0.1	0.2	0.1
Canarias	0.1	0.7	0.2
Cantabria	1.0	6.0	1.2
Castilla y León	42.3	5.0	40.9
Castilla-La Mancha	4.1	2.2	4.0
Cataluña	6.7	21.8	7.3
Comunitat Valenciana	6.3	7.5	6.4
Extremadura	0.6	0.8	0.6
Galicia	6.4	6.3	6.4
Madrid (Comunidad de)	2.6	5.5	2.7
Murcia (Región de)	0.7	2.5	0.8
Navarra (Comunidad Foral de)	0.9	2.9	1.0
País Vasco	4.3	17.1	4.8
Rioja (La)	0.2	0.5	0.2
<b>Spain</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

## Waste in the Services Sector

In the services activities considered in the *Waste Production in the Services Sector Survey*<sup>1</sup> 8.5 million tonnes of non-dangerous waste and 0.7 million tonnes of dangerous waste were produced during the year 2005.1. As compared with 2004, non-dangerous waste decreased 3.1%, while dangerous waste decreased 2.0%.

Among the non-dangerous waste produced, it was worth noting those corresponding to paper and cardboard and to food products (with 1.4 million tonnes each in 2005). Household waste and other types of non-classified waste came to a total of 2.4 million tonnes.

Among the dangerous waste produced, used oils, oil/water emulsion sludge, discarded equipment and other types of non-classified waste totalled 526,171 tonnes, accounting for 72.3% of the total dangerous waste.

## Waste produced, classified as dangerous and non-dangerous

Unit: thousands of tonnes

Waste generated in the Services Sector (classified by type)	Non- dangerous	Dangerous	Total
<b>TOTAL</b>	<b>8,498.6</b>	<b>727.4</b>	<b>9,226.0</b>
01.1 – Used solvents	0	30.2	30.2
01.3 - Used oils	0	122.1	122.1
02 - Chemical preparation waste	122.2	54.9	177.1
03.12 – Oil/water emulsion sludge	0	187.1	187.1
05 - Medical and biological waste	97.1	39.7	136.8
06 - Metallic waste	359.5	16.4	375.9
07.1 -Glass waste	203.2	1.3	204.5
07.2 -Paper and cardboard waste	1,360.6	0	1,360.6
07.3 -Rubber waste	275.6	0	275.6
07.4 -Plastic waste	374.0	0	374.0
07.5 -Wooden waste	594.3	0.2	594.5
07.6 -Textile waste	25.4	0	25.4
08 - Discarded equipment (not including 08.4)	465.7	113.4	579.1
08.4 - Discarded equipment components	27.9	58.5	86.4
09.1 - Food product waste	1,369.1	0	1,369.1
10.1 - Household waste and similar	1,297.9	0	1,297.9
12.1 - Construction and demolition waste	835.2	0	835.2
Other types of waste	1,091.0	103.5	1,194.5

<sup>1</sup> The data corresponded to the group of economic activity units whose main activity is defined in any of the sections corresponding to the services sector of the NACE-93 Rev.1, with the exception of the activities relating to financial intermediation and Public Administration, Defense and compulsory social security.

## Waste produced, classified as dangerous and non-dangerous

Vertical percentage

Waste produced in the Services Sector (classified by type)	Non- dangerous	Dangerous	Total
<b>TOTAL</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
01.1 – Used solvents	0.0	4.1	0.3
01.3 - Used oils	0.0	16.8	1.3
02 - Chemical preparation waste	1.4	7.5	1.9
03.12 – Oil/water emulsion sludge	0.0	25.7	2.0
05 - Medical and biological waste	1.1	5.5	1.5
06 - Metallic waste	4.2	2.3	4.1
07.1 -Glass waste	2.4	0.2	2.2
07.2 -Paper and cardboard waste	16.0	0.0	14.7
07.3 -Rubber waste	3.2	0.0	3.0
07.4 -Plastic waste	4.4	0.0	4.1
07.5 -Wooden waste	7.0	0.0	6.4
07.6 -Textile waste	0.3	0.0	0.3
08 - Discarded equipment (not including 08.4)	5.5	15.6	6.3
08.4 - Discarded equipment components	0.3	8.0	0.9
09.1 - Food product waste	16.1	0.0	14.8
10.1 - Household waste and similar	15.3	0.0	14.1
12.1 - Construction and demolition waste	9.8	0.0	9.1
Other types of waste	12.8	14.2	12.9

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