

24 September 2010

**Collection and Treatment of Waste Survey**  
Year 2009

**24.8 million tonnes of urban waste are collected in 2009, that is, 5.9% less than in 2008 <sup>1</sup>**

**The final treatment of waste reaches 52.1 million tonnes, 9.5% less than the previous year <sup>2</sup>**

**Urban waste collection**

Urban waste management companies collected 24.8 million tonnes of waste in the year 2009, that is, 5.9% less than the previous year. Of this amount, 20.3 million tonnes corresponded to mixed waste <sup>3</sup> and 4.4 million tonnes to selective collection <sup>4</sup>.

In per capita terms, **443.9 kilograms of mixed urban waste were collected per person and per year in Spain <sup>5</sup>**.

Concerning urban waste originating from selective collection, 23.5 kg of paper and cardboard (2.2% less than in 2008) and 15 kg of glass (similar figure to last year) were collected per person per year.

By **Autonomous Community**, Cantabria and Comunidad Foral de Navarra registered the highest per capita values of mixed waste (with 528.4 kg and 523.2 kg, respectively). At the other end of the spectrum were Comunitat Valenciana (with 380.9 kg) and Cataluña (with 396.8 kg).

In glass, País Vasco showed the highest per capita value (with 25.7%), followed by Comunidad Foral de Navarra (with 22.9 kg).

In the selected collection of paper and cardboard, the highest values were recorded in Comunidad Foral de Navarra (52.8 kg), Canarias (37.4 kg) and País Vasco (35 kg).

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<sup>1</sup> For the calculation of the total data and the percentages, sludge has been considered in equivalent terms as dry matter.

<sup>2</sup> Treatment of common sludge and of construction and demolition waste is not included.

<sup>3</sup> **Mixed waste:** defined as the household waste and goods generated in private homes, businesses, offices and services, or in cleaning public highways.

<sup>4</sup> **Selectively collected waste:** this results from a collection system that uses different methods for collecting fermentable organic materials and recyclable materials, as well as any other system that uses different methods to separate the recoverable materials contained in waste. Not included is the waste recovered in triage and sorting plants.

<sup>5</sup> **The per capita indicators** use the Population Now Cast published by the INE. The link containing indicators calculated with regard to the population recorded in the municipal register is available online at [http://www.ine.es/en/welcome\\_en.htm](http://www.ine.es/en/welcome_en.htm).

**Urban waste collection per capita by Autonomous Community. Year 2009..**

	<b>Mixed waste</b>	<b>Paper and cardboard</b>	<b>Glass</b>	<b>Mixed packaging</b>
<b>National Total</b>	<b>443.9</b>	<b>23.5</b>	<b>15</b>	<b>19.1</b>
Andalucía	476.1	14.7	9.4	12.6
Aragón	458	20.5	17.4	12.3
Asturias, Principado de	444.1	30.8	13.3	11.9
Balears, Illes	490.1	33.2	21.7	19.9
Canarias	478.9	37.4	12.5	14.2
Cantabria	528.4	24	17.4	11.5
Castilla y León	455.3	22.1	15	16.8
Castilla - La Mancha	484.4	24.5	11.5	10.7
Cataluña	396.8	28.7	20.4	18.4
Comunitat Valenciana	380.9	19.8	15.7	12
Extremadura	406.5	12.7	12.1	11.3
Galicia	404	16.7	13.1	22.7
Madrid, Comunidad de	459	25.5	13.2	41.2
Murcia, Región de	471 1	12.3	12.5	11.6
Navarra, Comunidad Foral de	523 2	52.8	22.9	31.9
País Vasco	471	35	25.7	24.8
Rioja, La	426 2	31.3	18.2	23.9

**Waste treatment**

Waste treatment companies, handling waste of both urban and non-urban origin, managed 49.4 million tonnes of non-hazardous waste and 2.7 million tonnes of hazardous waste in the year 2009.

Of the total non-hazardous waste, 47.4% was recycled, 47.7% was dumped and 4.9% was incinerated.

**Non-hazardous waste. Percentage by type of treatment. Year 2009.**

	Recycling	Dumping	Incineration
<b>Total managed</b>	<b>47.4</b>	<b>47.7</b>	<b>4.9</b>
Chemical waste (except industrial effluent sludge)	38.7	59.3	2.0
Medical and biological waste	0.0	97.8	2.2
Metal waste	96.2	3.8	0.0
Glass waste	99.8	0.2	0.0
Plastic waste	90.3	9.7	0.0
Paper and cardboard waste	98.5	1.5	0.0
Wooden waste	94.0	5.7	0.3
Textile waste	44.0	56.0	0.0
Discarded vehicles and electronic equipment	68.6	31.4	0.0
Animal and plant waste	95.7	4.1	0.2
Mixed waste	9.3	80.1	10.6
Common sludge	49.6	43.1	7.2
Solidified, stabilised or vitrified waste	0.7	99.2	0.1

Regarding the hazardous waste managed in 2009, a total of 61.4% was sent for recycling, 26.9% for dumping and 11.7% for incineration.

**Hazardous waste. Percentage by type of treatment. Year 2009.**

	Recycling	Dumping	Incineration
<b>Total managed</b>	<b>61.4</b>	<b>26.9</b>	<b>11.7</b>
Waste from used oils	94.9	2.2	2.9
Chemical waste (except industrial effluent sludge)	62.2	17.4	20.4
Metal waste	97.4	2.6	0.0
Discarded vehicles and electronic equipment	99.6	0.4	0.0

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](http://www.ine.es/en/prensa/prensa_en.htm)

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