

20 October 2009

Collection and Treatment of Waste Survey. 2007

28.2 million tonnes of urban waste are collected in 2007, that is, 0.7% less than in 2006¹

Hazardous waste treatment reaches 3.2 million tonnes, 5.8% more than in the previous year

Urban waste collection

Urban waste management companies collected 28.2 million tonnes of waste in 2007, 0.7% less than the previous year. Of this amount, 21.3 million tonnes were mixed waste² and 6.3 million tonnes were selective collection³.

In per capita terms, **493 kilograms of mixed urban waste were collected per person and per year in Spain⁴**.

Concerning urban waste originating from selective collection, 25.3 kg of paper and cardboard (17.1% more than in 2006) and 14 kg of glass (13.3% more) were collected per person per year.

By **Autonomous Community**, Illes Balears registered the highest per capita value of mixed waste (626 kg per person per year). At the other end of the spectrum were Castilla y León (with 429 kg) and Galicia (with 422 kg).

In selective collection of paper and cardboard, the highest values were recorded for Illes Balears (65 kg) and Comunidad Foral de Navarra (40.4 kg).

Concerning glass, Comunidad Foral de Navarra (23 kg), País Vasco (22.8 kg) and Cataluña (21.4 kg) registered the highest values.

¹ In this document, sludge has been regarded as dry matter, in terms of both total data and percentages.

² **Mixed waste:** defined as household waste and goods generated in private homes, businesses, offices and services, or in cleaning public highways.

³ **Selectively collected waste:** these result 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 including waste recovered in triage and sorting plants.

⁴ **In the per capita indices**, the population now cast published by the INE is used. The link containing indicators calculated with regard to the populations recorded in the municipal register is available online at www.ine.es

Collection of urban waste per capita by Autonomous Community. Year 2007

| | Mixed waste | Paper and cardboard | Glass | Mixed packaging |
|--------------------------|-------------|---------------------|-----------|-----------------|
| Spain | 493 | 25.3 | 14 | 18.2 |
| Andalucía | 497.3 | 16.2 | 8.9 | 14.2 |
| Aragón | 506.7 | 22.2 | 14.7 | 11.1 |
| Asturias (Principado de) | 482.4 | 32.2 | 13.1 | 8.6 |
| Balears (Illes) | 625.9 | 65.1 | 19 | 18.1 |
| Canarias | 496.8 | 40.4 | 10.2 | 7.1 |
| Cantabria | 543.1 | 19.4 | 18 | 12.5 |
| Castilla y León | 429.2 | 20.8 | 14.2 | 31.8 |
| Castilla-La Mancha | 499 | 15.4 | 9.5 | 8.8 |
| Cataluña | 468.1 | 33.1 | 21.4 | 11.6 |
| Comunitat Valenciana | 482.2 | 23.2 | 14 | 16.6 |
| Extremadura | 453 | 14.6 | 7.7 | 23.8 |
| Galicia | 421.7 | 18.1 | 13.8 | 12.8 |
| Madrid (Comunidad de) | 550.9 | 24.8 | 11.1 | 32.3 |
| Murcia (Región de) | 523.7 | 10.4 | 11.9 | 17.6 |
| Navarra (C. Foral de) | 512.2 | 43.6 | 23 | 25.9 |
| País Vasco | 487.9 | 41.1 | 22.8 | 33.2 |
| Rioja (La) | 488.4 | 30.9 | 19.9 | 23.5 |
| Ceuta y Melilla | 562 | 2.3 | 1.1 | 28.5 |

Destination of urban waste

Where urban waste treatment systems are concerned, 7.5% of the total mixed waste managed went for recycling. This figure is in contrast to that relating to the treatment of waste collected by selective systems, for which recycling reached 52.3% of the total.

Percentage of urban waste by destination. Year 2007

| | Recycling | Composting | Incinerados | Disposal |
|-------------------------------|-----------|------------|-------------|----------|
| Mixed waste | 7.5 | 17.9 | 9.7 | 64.9 |
| selectively collected waste * | 52.3 | 28.6 | 3.2 | 15.9 |

(*) Treatment of common sludge and Construction and demolition wastes is not included

Treatment of waste

Waste treatment companies, handling waste of both urban and non-urban origin, managed 64.4 million tonnes of non-dangerous waste and 3.2 million tonnes of dangerous waste in 2007.

Of the total non-dangerous waste of non-urban origin, 51.6% was recycled, 45.4% was dumped and 2.9 % was incinerated.

Non-dangerous waste. Percentage by type of treatment. Year 2007.

| | Recycling | Disposal | Incineration |
|--|-------------|-------------|--------------|
| Total managed | 51.7 | 45.4 | 2.9 |
| Chemical waste (except industrial effluent sludge) | 86.4 | 12 | 1.6 |
| Medical and biological waste | 65.2 | 28.2 | 6.6 |
| Waste metal | 81.8 | 18.2 | 0 |
| Glass waste | 97.8 | 2.2 | 0 |
| Waste plastic | 99.3 | 0.3 | 0.4 |
| Paper and cardboard waste | 72.7 | 27.3 | 0 |
| Wooden waste | 99.5 | 0.4 | 0.1 |
| Textile waste | 86.7 | 12.6 | 0.7 |
| Discarded vehicles and equipment | 99.5 | 0.5 | 0 |
| Animal and plant waste | 99.1 | 0.9 | 0 |
| Mixed waste | 19.3 | 72 | 8.7 |
| Common sludge | 77.9 | 9.5 | 12.5 |
| Solidified, stabilised or vitrified waste | 73.8 | 26.2 | 0 |

Regarding dangerous waste managed in 2007, 64.6% was sent for recycling, 31.1% for disposal and 4.3% for incineration in 2007.

Dangerous waste. Percentage by treatment type. Year 2007.

| | Recycling | Disposal | Incineration |
|--|-------------|-------------|--------------|
| Total managed | 64.6 | 31.1 | 4.3 |
| Waste used oils | 98.8 | 0.5 | 0.7 |
| Chemical waste (except industrial effluent sludge) | 59.3 | 30 | 10.7 |
| Waste metal | 98.4 | 1.6 | 0 |
| Discarded vehicles and equipment | 99.4 | 0.6 | 0 |

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