

## Municipal Waste Management Survey

<b>General details</b>	Survey of waste collection authorities by the Department for Food and Rural Affairs
<b>Area output</b>	Data by waste collection authority (e.g. Unitary Authorities)
<b>Time period</b>	Annual Survey
<b>Source</b>	Department for Food and Rural Affairs (Defra)
<b>Provider</b>	Defra
<b>Comments</b>	Provides a range of information including figures on recycling

### 1 Introduction

1.1 The Municipal Waste Management Survey is an annual survey of almost all waste collection and disposal authorities, which obtains information on the amount of municipal waste collected and disposed of, the levels of recycling and recovery of household and municipal waste and other matters.

1.2 The 2003/4 Survey, which is the ninth survey, is the last. It will be replaced by WasteDataFlow an internet based system for local authority data reporting, whose primary aims are to provide more frequent and timely data and to reduce the number of surveys officials must complete. Detailed results for the 2003/4 survey will be available in summer 2005.

### 2 National and Regional Figures

2.1 Total municipal waste arisings in England (waste collected by a Waste Collection Authority) total about 29 million tonnes, a figure that has remained stable over the last 3 years.

**Table 1: Household waste and recycling (kg per person per year) 1991/2 to 2003/04**

Year	Waste not recycled	Waste recycled/composted	Total waste
1991/92	417	11	428
1993/94	430	15	445
1995/96	421	29	451
1996/97	430	35	465
1997/98	440	39	480
1998/99	439	44	482
1999/00	453	52	505
2000/01	453	57	510
2001/02	452	65	516
2002/03	445	75	520
2003/04	420	90	510

2.2 Table 1 shows that the weight of household waste per head of the population rose sharply through the 1990s but has levelled off since 2000. The proportion that is recycled has risen to almost a fifth of household waste collected.

2.3 Nationally, 17.7% of household waste was recycled in 2003/4. More waste is recycled in the East, South East and South West regions than in the northern regions.

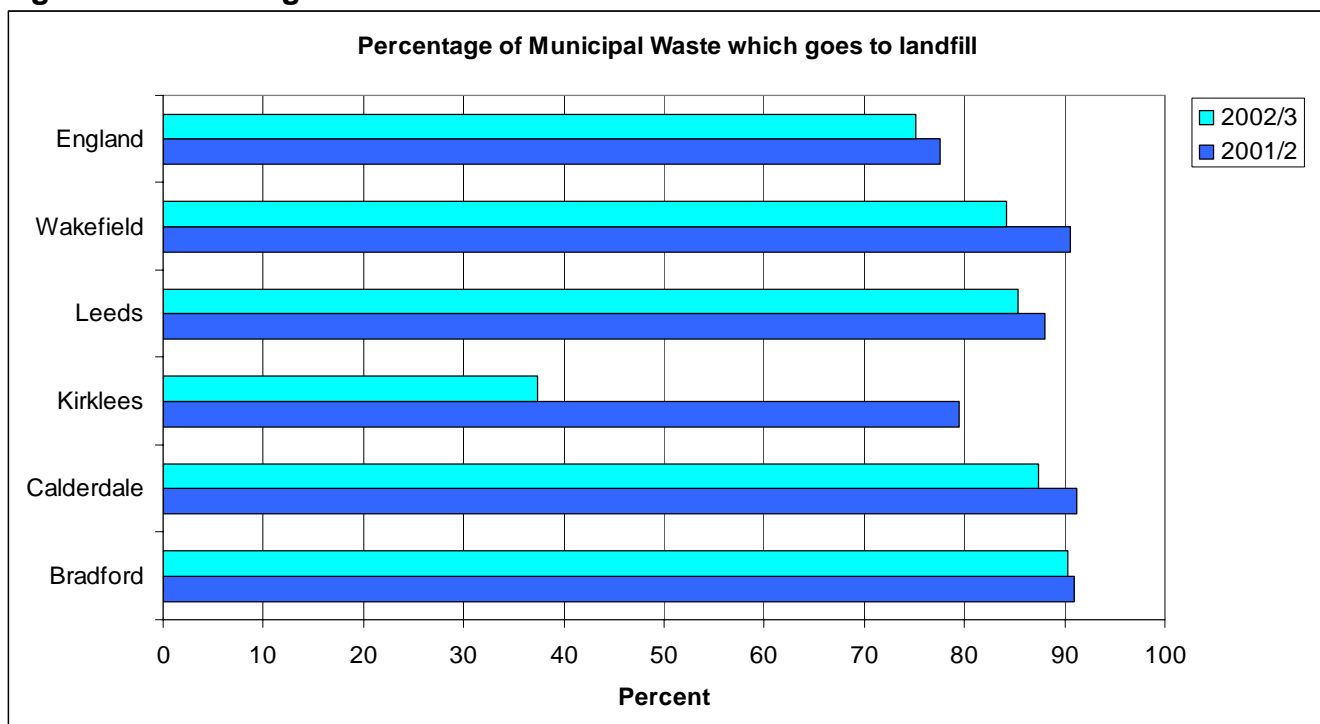
**Table 2: Percentage of household waste that was recycled 2001/02 to 2003/04**

Region	2001/02	2002/03	2003/04
North East	5.2	6.6	11.9
North West	9.2	11.3	14.1
Yorkshire and the Humber	8.9	11.2	14.5
East Midlands	13.7	15.1	19.2
West Midlands	10.2	13.0	16.0
East	17.4	19.4	23.3
London	9.3	10.9	13.2
South East	17.7	19.6	22.7
South West	16.6	18.6	21.4
<b>England</b>	<b>12.5</b>	<b>14.5</b>	<b>17.7</b>

2.4 Of all municipal waste (which includes household waste, commercial waste and anything else collected by the waste authority), 19% was recycled and energy recovered from a further 8.9% by incineration for electricity or heat recovery in 2003/4.

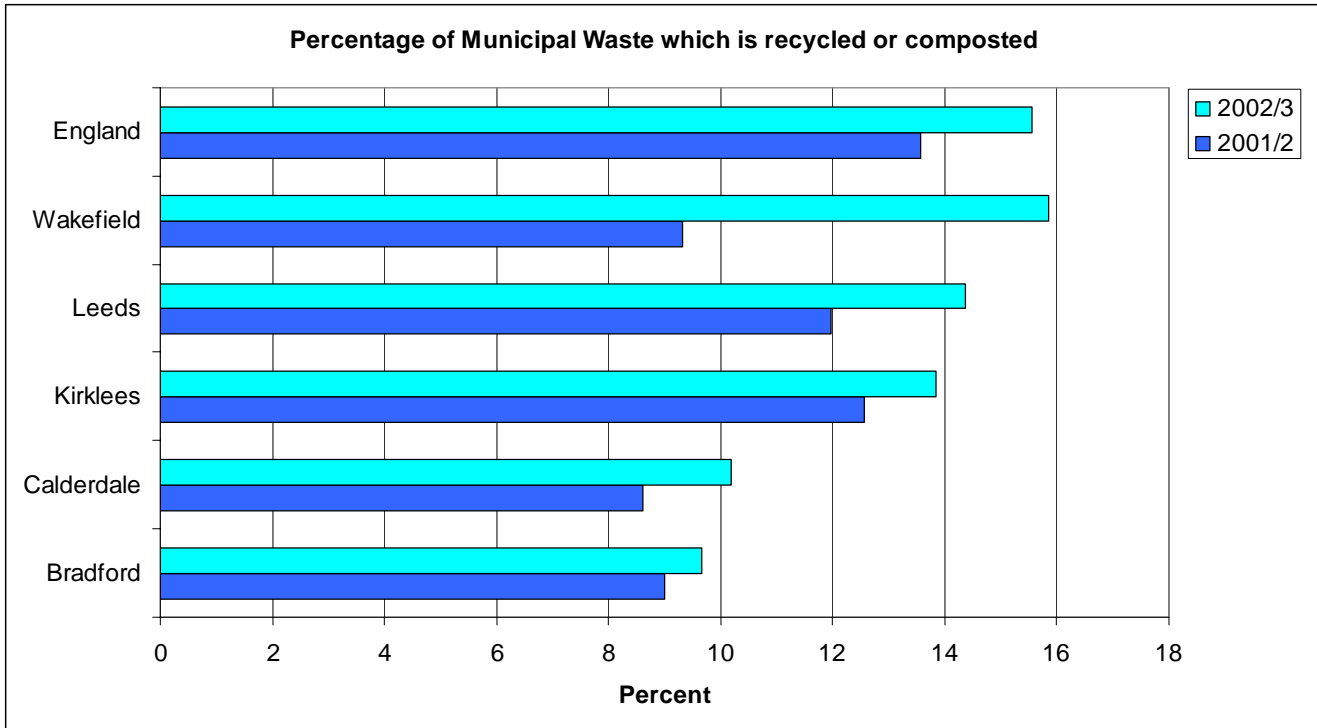
### 3 Kirklees Figures

**Figure 1: Percentage of waste which went to landfill 2002 to 2004**

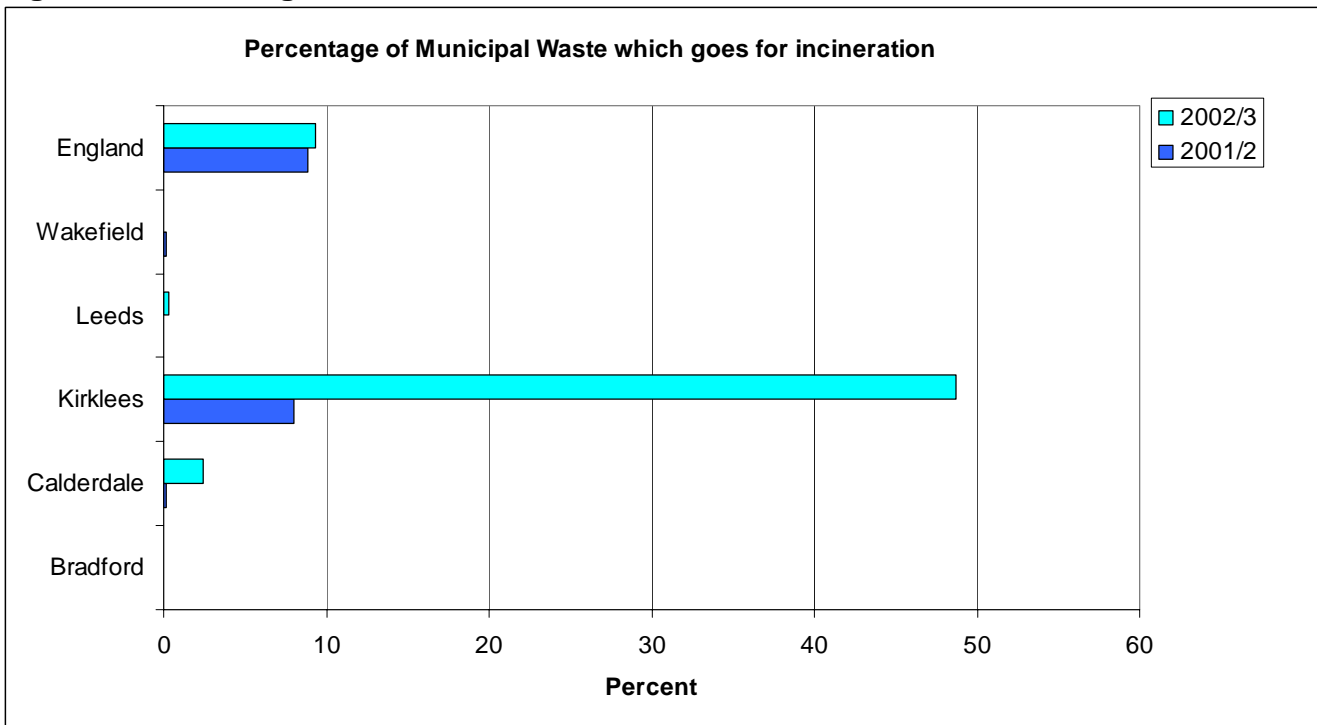


3.1 Despite a rise in recycling rates, most municipal waste goes to landfill. In Kirklees, the fraction of waste which went to landfill in 2001/2 was lower than all the other authorities in West Yorkshire but slightly above the national rate.

**Figure 2: Percentage of waste which was recycled 2001 to 2003**



**Figure 3: Percentage of waste which went for incineration 2002 to 2004**



3.2 Recycling rates have increased nationally and regionally over the last two years. In Kirklees almost 14% of municipal waste is recycled.

3.3 A key element of the Kirklees Municipal Waste Management Strategy is to recover energy from waste in a modern waste incinerator. The Energy from Waste (EfW) incinerator plant (which is sited close to Huddersfield town centre) generates approximately 10 megawatts of electricity, which is fed into the national grid. Figure 1 shows a dramatic decline in the percentage of waste which went into landfill in 2003/4 and Figure 3 shows the equally dramatic increase in the percentage of municipal waste (almost 50%) that went for incineration.

**Table 3: Municipal Waste handled by West Yorkshire waste disposal authorities  
2001 - 3 (tonnes)**

	2001/2	2002/3
Landfill		
Bradford	244,740	264,216
Calderdale	96,199	95,206
Kirklees	193,819	90,980
Leeds	343,373	342,112
Wakefield	191,940	170,950
England	22,421,375	22,068,144
Recycled or composted		
Bradford	24,210	28,256
Calderdale	9,075	11,096
Kirklees	30,670	33,669
Leeds	46,742	57,613
Wakefield	19,769	32,183
England	3,921,213	4,572,119
Incineration and other methods		
Bradford	100	109
Calderdale	151	2,648
Kirklees	19,542	118,432
Leeds	71	1,293
Wakefield	270	0
England	2,562,217	2,753,480
Total all disposal methods		
Bradford	269,050	292,581
Calderdale	105,425	108,950
Kirklees	244,031	243,081
Leeds	390,186	401,018
Wakefield	211,979	203,133
England	28,904,805	29,393,801

3.4 Table 3 shows, for each district in West Yorkshire, the amount of waste that was recycled, incinerated or sent to landfill over the last two years.

3.5 Total waste rose slightly in Bradford, Calderdale and Leeds as well as nationally whilst there was a slight fall in Kirklees and Wakefield.

Table 4: Household waste per head 2002/3 (kgs)

	<b>Household Waste</b>	<b>Population (ONS 2003 MYE)</b>	<b>Household waste per head</b>
Bradford	195,168	477,800	408
Calderdale	81,547	193,200	422
Kirklees	157,476	391,400	402
Leeds	284,690	715,200	398
Wakefield	141,490	318,300	445

3.6 Using population data from the Office for National Statistics, Table 4 shows that the amount of household waste per head collected by Kirklees is low compared with other districts in West Yorkshire and considerable less than the national average in Table 1.

#### 4 Links and further information

The Municipal Waste Management Survey provides the data for the following Best Value Performance Indicators:

The percentage of the total tonnage of household waste arisings which have been:

- recycled (82a)
- sent for composting (82b)
- used to recover heat, power and other energy sources (82c)
- landfilled (82d)

Number of kilograms of household waste collected per head (84)

Details of BVPI s are in the Council's Performance Plan at <http://www.kirklees.gov.uk/you-kmc/kmc-policies/cpp2004-2005/ CPP.pdf>

Department for Food and Rural Affairs: Waste Statistics <http://www.defra.gov.uk/environment/statistics/wastats/index.htm>

Office for National Statistics <http://www.statistics.gov.uk/default.asp>

#### 5 Indicator archive

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