

SDR 177/2008(R)

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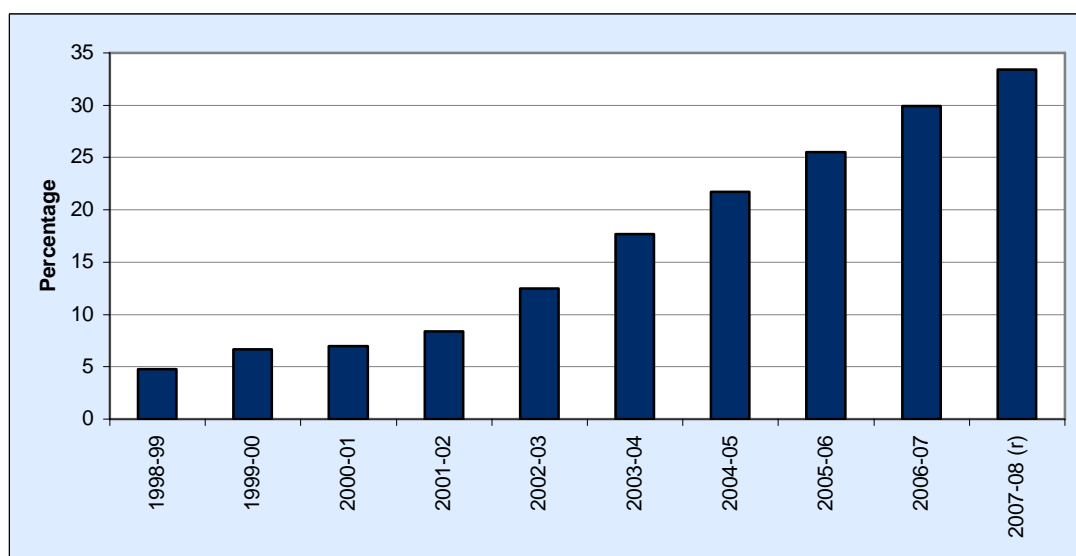
## Municipal Waste Management Report for Wales, 2007-08 - Revised

This Statistical First Release presents summary results from the 2007-08 Municipal Waste Management Report for Wales. It includes information about the amount of municipal waste collected from household and non-household sources and the levels of recycling in Wales. The information presented relates to 2007-08, together with figures for previous years.

### Main results:

- The total amount of municipal waste (excluding abandoned vehicles) produced in Wales has continued to fall over the last 3 years, with just under 1.8 million tonnes produced in 2007-08.
- The proportion of municipal waste (excluding abandoned vehicles) recycled or composted in Wales has been continually increasing since 2000-01. In fact the proportion more than tripled to 33.4(r) per cent in 2007-08.
- Whilst landfill is still the main form of management of municipal waste, the use of landfill sites has been steadily decreasing over the last 6 years.

**Chart 1: Percentage of municipal waste recycled/composted in Wales (a)**



Source: WasteDataFlow

- (a) Includes household and non-household waste, excludes abandoned vehicles.  
(r) The data item has been revised on 22 May 2009.

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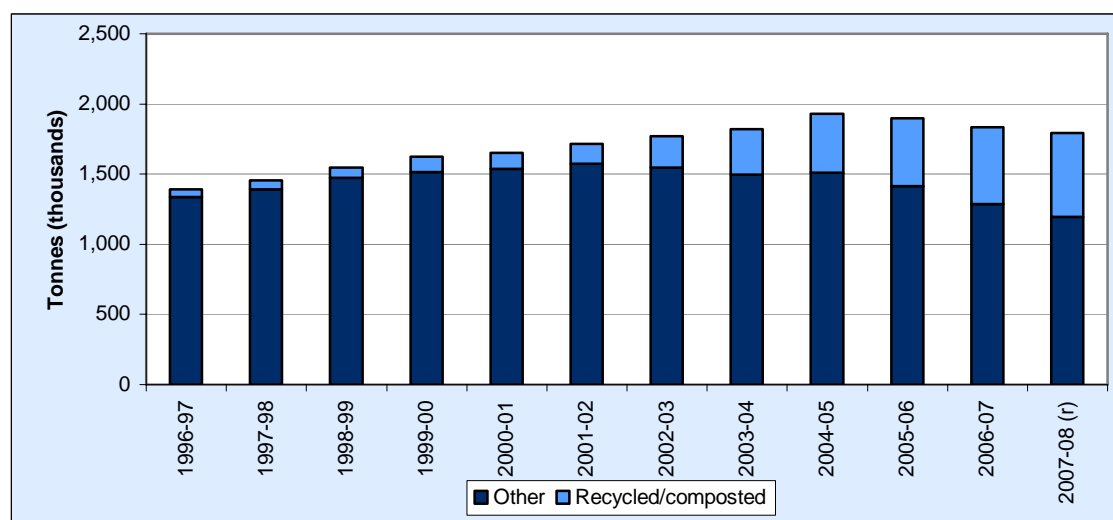
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**Chart 2: Municipal waste, excluding abandoned vehicles in Wales (a)**



Source: WasteDataFlow

- (a) Household and non-household waste excluding abandoned vehicles. Amount not recycled or composted is mainly landfill but does include other methods of treatment  
(r) The data item has been revised on 22 May 2009.

**Table 1: Municipal waste in Wales**

	Thousand tonnes						
	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
<b>Household waste (a):</b>							
Household waste recycled/composted	126	179	252	286	332	419	499
Other household waste	1,330	1,309	1,271	1,298	1,210	1,153	1,044
<b>Total household waste</b>	<b>1,456</b>	<b>1,488</b>	<b>1,522</b>	<b>1,585</b>	<b>1,542</b>	<b>1,572</b>	<b>1,543</b>
<b>Non household waste:</b>							
Non-household waste recycled/composted	18	43	71	131	152	130	100 r
Other non-household waste	244	238	227	213	204	132	150
<b>Total non-household waste</b>	<b>262</b>	<b>281</b>	<b>298</b>	<b>344</b>	<b>356</b>	<b>262</b>	<b>251 r</b>
<b>Municipal waste:</b>							
Municipal waste recycled/composted (b)	144	222	323	418	484	549	599 r
Other municipal waste	1,573	1,547	1,498	1,511	1,414	1,285	1,194
<b>Total municipal waste (c)</b>	<b>1,718</b>	<b>1,769</b>	<b>1,820</b>	<b>1,928</b>	<b>1,898</b>	<b>1,834</b>	<b>1,794 r</b>
Abandoned vehicles recycled	..	..	11	8	6	3	1
Other abandoned vehicles	..	..	1	1	1	0	0
<b>Total abandoned vehicles</b>	<b>..</b>	<b>15</b>	<b>12</b>	<b>9</b>	<b>8</b>	<b>3</b>	<b>1</b>
<b>Total municipal waste (including abandoned vehicles)</b>	<b>..</b>	<b>1,784</b>	<b>1,832</b>	<b>1,938</b>	<b>1,906</b>	<b>1,837</b>	<b>1,795 r</b>

Source: WasteDataFlow

- (a) Household waste includes regular household collections, civic amenity site waste, waste collected for recycling/composting and waste from special collections such as collections of bulky household waste.  
(b) Recycling/composting includes waste sent or collected for recycling/composting plus waste collected by private and voluntary organisation.  
(c) Municipal waste reported here is household waste plus waste collected from non-household sources. Abandoned vehicles are excluded.  
(r) The data item has been revised on 22 May 2009.

**Table 2: Household and municipal recycling/composting rates in Wales (a)**

	Per cent						
	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
Household recycling/composting rate (b)	8.7	12.0	16.5	18.1	21.5	26.6	32.3
Municipal recycling/composting rate (c)	8.4	12.5	17.7	21.7	25.5	29.9	33.4 r
<b>Municipal total (d)</b>	..	..	18.2	22.0	25.7	30.0	33.4 r

Source: WasteDataFlow

- (a) Amount recycled/composted as a percentage of total waste  
 (b) Includes regular, specific and special collections and civic amenity sites  
 (c) Includes household and non-household waste, excludes abandoned vehicles  
 (d) Including household and non-household waste and abandoned vehicles  
 (r) The data item has been revised on 22 May 2009.

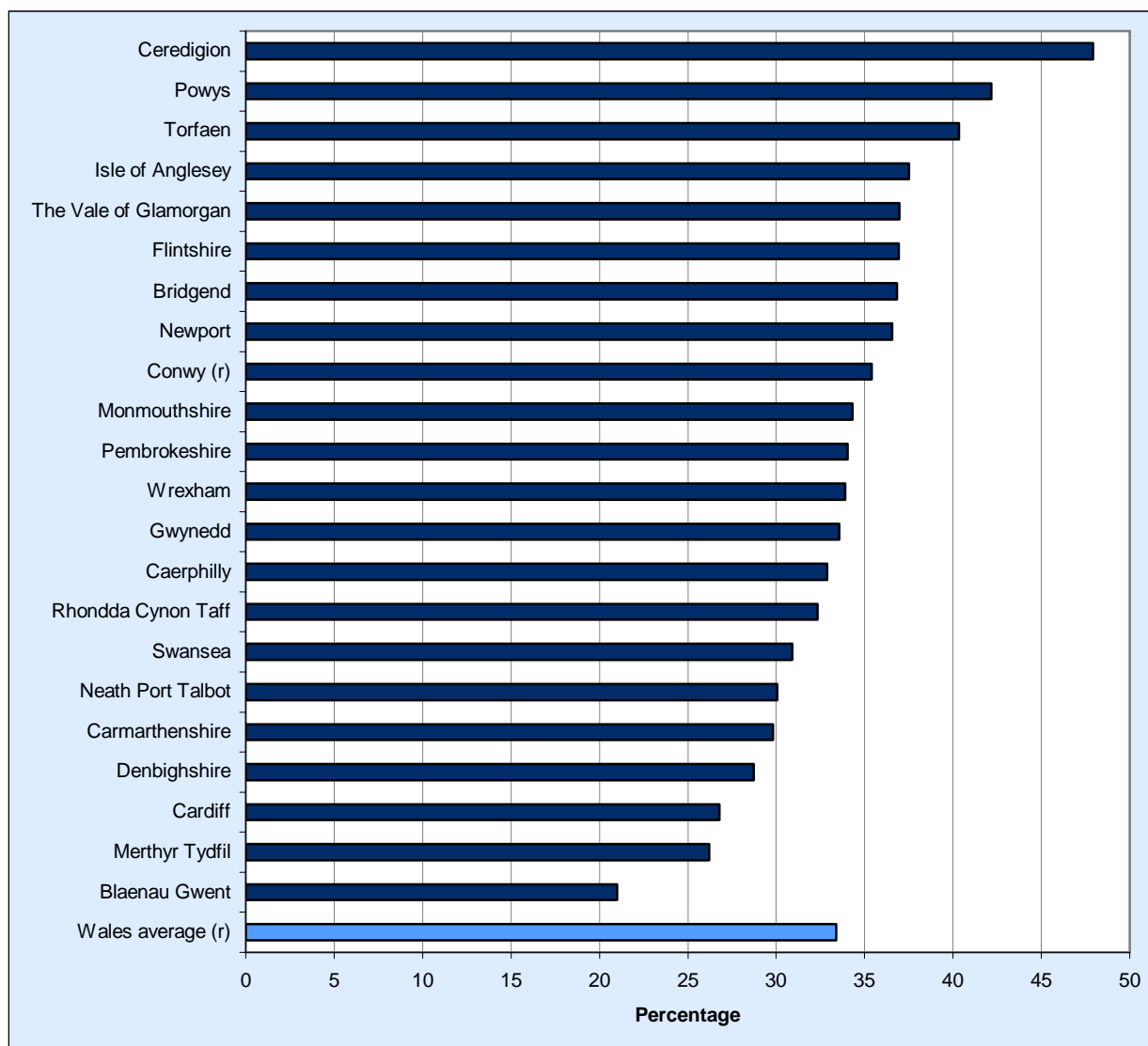
**Table 3: Management of municipal waste in Wales (a)**

	Thousand tonnes						
	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
Composted	37	68	111	137	137	172	193
Recycled	107	154	212	280	347	378	406 r
Incineration	-	-	-	1	2	4	2
Landfill	1,573	1,547	1,497	1,509	1,389	1,259	1,165
Other (b)	-	-	-	-	22	28	30
<b>Total</b>	1,718	1,769	1,820	1,928	1,898	1,841	1,796 r

Source: WasteDataFlow

- (a) Including household and non-household waste. Excluding abandoned vehicles.  
 (b) Includes refuse derived fuel, and mechanical biological treatment (MBT).  
 (r) The data item has been revised on 22 May 2009.

**Chart 3: Municipal recycling/composting rates by unitary authority, 2007-08 (a)**



Source: WasteDataFlow

- (a) Percentage of household and non household waste, excluding abandoned vehicles that have been recycled or composted.  
(r) The data item has been revised on 22 May 2009.

**Table 4: Municipal recycling/composting rates by unitary authority (a)**

	Per cent						
	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
Ceredigion	17.5	20.2	26.6	30.8	35.1	44.6	47.9
Powys	16.9	21.0	30.1	33.3	36.9	42.4	42.2
Torfaen	3.7	9.6	16.3	15.9	22.3	32.1	40.3
Isle of Anglesey	2.6	11.6	15.5	17.2	21.8	27.0	37.5
The Vale of Glamorgan	9.3	15.6	18.6	26.4	28.6	33.3	37.0
Flintshire	8.5	18.4	22.3	21.6	32.1	38.0	36.9
Bridgend	10.8	18.8	18.5	31.4	35.8	33.3	36.8
Newport	10.1	15.9	19.1	25.6	27.8	32.2	36.6
Conwy	18.4	16.4	20.6	19.1	22.1	28.4	35.4 r
Monmouthshire	9.7	11.3	15.9	24.3	28.0	31.4	34.3
Pembrokeshire	16.6	18.4	19.9	20.9	25.5	30.7	34.0
Wrexham	3.1	10.0	11.3	13.9	17.2	28.8	33.9
Gwynedd	6.7	12.4	17.7	22.8	24.8	26.3	33.6
Caerphilly	5.0	10.9	22.8	31.4	29.1	29.8	32.9
Rhondda Cynon Taff	5.4	9.3	10.8	15.6	21.9	27.5	32.3
Swansea	12.7	14.7	19.7	25.3	32.2	29.7	30.9
Neath Port Talbot	2.2	1.9	8.6	14.0	23.9	28.5	30.1
Carmarthenshire	11.2	13.2	17.4	24.0	26.3	28.7	29.8
Denbighshire	4.1	11.2	16.4	20.4	27.7	31.0	28.7
Cardiff	5.1	7.9	14.0	10.4	9.7	19.5	26.8
Merthyr Tydfil	2.6	8.2	19.4	21.5	20.7	22.7	26.2
Blaenau Gwent	2.9	6.5	18.5	22.3	25.3	29.5	21.0
<b>Wales average</b>	8.4	12.5	17.7	21.7	25.5	29.9	33.4 r

Source: WasteDataFlow

(a) Household and non-household waste, excluding abandoned vehicles. Table ranked by recycling rate for 2007-08.

(r) The data item has been revised on 22 May 2009.

Note that the table above may differ from the local authority performance indicators, as the performance indicators use a slightly different definition that excludes some other waste sources such as rubble, incinerator residues and beach cleans.

## Key quality information

1. Municipal waste includes household and non-household waste that is collected and disposed of by local authorities. It includes regular household collections, specific recycling collections, special collections of bulky items, waste received at civic amenity sites and waste collected from non-household sources.
2. From 1996-97 to 2003-04 data on municipal waste was collected through the Municipal Waste Management Survey. This survey was sent to all local authorities in Wales and England. From 1998-99 Wales achieved a 100 per cent response rate. For 1996-97 and 1997-98 missing data had to be estimated and so these two years are not strictly comparable with the others.
3. From 2004-05 the information for this survey was collected using an online reporting system for waste data called 'WasteDataFlow' (WDF). In Wales this is managed by the Environment Agency Wales and the Waste Strategy Branch extract the information for the report from WDF.
4. There is an apparent discrepancy between the total waste figures given for 2006-07 and 2007-08 in tables 1 and 3. This is because there is a slight mismatch between the amount collected and the amount treated. This can be a matter of timing if, for example, authorities stockpile waste for later treatment. There may also be some inconsistencies in the measurement since the waste is weighed when collected and again when it is sent for treatment. Environment Agency Wales validate all local authority returns and require that the difference between the amount collected and the amount sent for treatment must not differ by more than 10 per cent in any quarter.
5. There are some discrepancies in the tables, where the components do not sum up to the totals. These discrepancies are due to rounding.
6. The data quality issues for the report are largely about the risk of misspecification in the returns. This can lead to revisions of previous years data.
7. Revisions have been made to some figures for 2007-08, previous years are unaffected. This is a result of 4,910 tonnes of rubble being double counted for Conwy in the original version of this release, which was published on 30 October 2008. Figures affected by the revisions have been corrected in this document and are indicated by an 'r'.
8. This Statistical First Release contains summary results from the 2007-08 Municipal Waste Management Report, along with some results for previous years. More detailed analysis of the results of the 2007-08 report is expected to be published by the Welsh Assembly Government via the internet in June 2009.
9. The following symbols may have been used in this release:
  - = negligible (less than half the final digit shown)
  - . = not applicable
  - .. = not available
  - ~ = not yet available
  - \* = disclosive or not sufficiently robust for publication
  - p = provisional
  - r = revised
10. National Statistics are produced to high professional standards set out in the National Statistics Code of Practice. They undergo regular quality assurance reviews to ensure that they meet customer needs. They are produced free from any political interference.

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