

## Warwickshire Waste Partnership

15<sup>th</sup> March 2017

### Waste Data Overview for Q3 2016/17

#### Recommendations

- (1) The Waste Partnership is asked to note the provisional data for the 3rd quarter of 2016/17 - October to December 2016.

#### 1.0 Key Issues

- 1.1 Members of the Warwickshire Waste Partnership are presented with an estimate of waste and recycling figures at Disposal and Collection Authority level.

#### 2.0 Data Overview

- 2.1 This report contains a mixture of data taken from Waste Data Flow and from Warwickshire County Council in-house records and at the publication of this report are considered **provisional estimates**.
- 2.2 The figures should be treated as provisional as data may be changed until all authorities data is approved by the EA and DEFRA through the Waste Data Flow System.
- 2.3 The December Waste Partnership meeting took the form of a workshop and as such there was no report for Quarter 2, 2016/17.

## Provisional Waste Management Data Quarter 3 2016/17

Figures are taken from Warwickshire County Council in-house records and at the publication of this report are considered **provisional estimates**.

### 1. Total municipal waste arising and disposal outlet (tonnes)

	October	November	December	Q3 15/16 Total	Q3 16/17 Total
<b>Total tonnes</b>	21,955	21,277	19,963	61,808	63,195
<b>Landfilled</b>	2,664	3222	2,516	8,321	8,402
<b>Inert - landfilled</b>	0	0	0	0	0
<b>Energy from waste</b>	7,480	7,413	8,417	22,745	23,309
<b>Other technology<sup>1</sup></b>	0	0	0	0	0
<b>In-vessel composting<sup>2</sup></b>	5,431	4,623	3,450	13,189	13,504
<b>Windrow composting<sup>3</sup></b>	570	512	209	1,083	1,290
<b>Other composting<sup>4</sup></b>	0	0	0	0	0
<b>Recycling (HWRC)</b>	1,448	1,314	1,120	4,844	3,882
<b>Recycling (WCA)</b>	3,925	3,832	4,017	10,601	11,774
<b>Reuse</b>	438	361	234	1,025	1,034

### 2. Percentage of waste by disposal route

	October	November	December	Q3 15/16 Total	Q3 16/17 Total
<b>% Recycling</b>	24.5%	24.2%	25.7%	25.0%	24.8%
<b>% Composting</b>	27.3%	24.1%	18.3%	23.1%	23.4%
<b>% Reuse</b>	2.0%	1.7%	1.2%	1.6%	1.6%
<b>Total</b>	53.8%	50.0%	45.2%	49.7%	49.8%
<b>% Landfill</b>	12.1%	15.1%	12.6%	13.5%	13.3%
<b>% Energy from waste and RDF</b>	34.1%	34.8%	42.2%	36.8%	36.9%
<b>Total</b>	46.2%	50.0%	54.8%	50.3%	50.2%

<sup>1</sup> Other Technology – Refuse Derived Fuel

<sup>2</sup> Windrow composting – Outdoor composting of green garden waste from HWRCs

<sup>3</sup> In Vessel composting – Indoor controlled composting of garden and food waste from WCAs

<sup>4</sup> Other composting – Road Sweepings

### 3. Estimated provisional performance Q3 (municipal waste)

	Q3 2015/16	Q3 2016/17	Change
<b>Recycling/Reuse rate</b>	16,470 tonnes	16,690 tonnes	☺ 220 tonnes up
	26.6%	26.4%	✘ 0.2% down
<b>Composting rate</b>	14,272 tonnes	14,794 tonnes	☺ 522 tonnes up
	23.1%	23.4%	☺ 0.3% tonnes up
<b>Recycling, Composting and Reuse rate</b>	30,742 tonnes	31,484 tonnes	☺ 742 tonnes up
	49.7%	49.8%	☺ 0.1% up
<b>Landfill rate</b>	8,321 tonnes	8,402 tonnes	✘ 81 tonnes up
	13.5%	13.3%	☺ 0.2% down
<b>Energy from waste</b>	22,745 tonnes	23,309 tonnes	☺ 564 tonnes up
	36.8%	36.9%	☺ 0.1% up
<b>Total municipal waste</b>	61,808 tonnes	63,195 tonnes	✘ 1,387 tonnes up
			✘ 2.2% up

#### 4. Comparison of combined Q1, Q2 and Q3 (Municipal Waste)

	Q3 2015/16	Q3 2016/17	Change
Recycling/Reuse rate	59,643 tonnes	59,662 tonnes	☺ 19 tonnes up
	27.9%	27.5%	✘ 0.4% down
Composting rate	58,951 tonnes	62,004 tonnes	☺ 3,053 tonnes up
	27.6%	28.6%	☺ 1.0% tonnes up
Recycling, Composting and Reuse rate	118,594 tonnes	121,666 tonnes	☺ 3,072 tonnes up
	55.5%	56.1%	☺ 0.6% up
Landfill rate	29,325 tonnes	26,929 tonnes	☺ 2,396 tonnes down
	13.8%	12.4%	☺ 1.4% down
Energy from waste	65,614 tonnes	68,290 tonnes	☺ 2,676 tonnes up
	30.7%	31.4%	☺ 0.7% up
Total municipal waste	213,533 tonnes	216,885 tonnes	✘ 3,352 tonnes up
			✘ 1.6% up

## 5. District Provisional Performance – Household waste

Note: Figures are from the Waste Management System and not Waste Data Flow therefore WCA reporting differences will exist.

	North Warwickshire		Nuneaton & Bedworth		Rugby		Stratford		Warwick	
	Q1, Q2 & Q3 2015/16	Q1, Q2 & Q3 2016/17	Q1, Q2 & Q3 2015/16	Q1, Q2 & Q3 2016/17	Q1, Q2 & Q3 2015/16	Q1, Q2 & Q3 2016/17	Q1, Q2 & Q3 2015/16	Q1, Q2 & Q3 2016/17	Q1, Q2 & Q3 2015/16	Q1, Q2 & Q3 2016/17
<b>Recycling rate</b>	3,537 tonnes 17%	3,796 tonnes 18%	6,926 tonnes 18%	6,831 tonnes 18%	6,663 tonnes 19%	7,108 tonnes 20%	10,652 tonnes 25%	10,665 tonnes 24%	7,474 tonnes 19%	7,364 tonnes 18%
<b>Composting rate</b>	6,342 Tonnes 30%	6,433 Tonnes 30%	10,854 tonnes 28%	10,781 tonnes 28%	10,378 tonnes 29%	10,717 tonnes 30%	17,136 tonnes 40%	17,993 tonnes 41%	14,895 tonnes 37%	15,826 tonnes 39%
<b>Recycling, Composting and Reuse Rate</b>	9,879 tonnes 47%	10,229 tonnes 48%	17,780 tonnes 46%	17,612 tonnes 46%	17,041 tonnes 48%	17,825 tonnes 50%	27,788 tonnes 65%	28,658 tonnes 65%	22,369 tonnes 56%	23,190 tonnes 57%
<b>Residual</b>	11,304 tonnes 53%	11,070 tonnes 52%	20,596 tonnes 54%	20,944 tonnes 54%	18,430 tonnes 52%	18,147 tonnes 50%	15,440 tonnes 35%	15,628 tonnes 35%	17,522 tonnes 44%	17,795 tonnes 43%
<b>Total</b>	21,183 tonnes	21,299 tonnes	38,376 tonnes	38,556 tonnes	35,471 tonnes	35,972 tonnes	43,228 tonnes	44,286 tonnes	39,891 tonnes	40,985 tonnes

NB. District recycling rates are taken from claimed recycling credits. Last year's figures are taken from Waste Data Flow. All other figures are taken from Warwickshire County Council in-house records and at the publication of this report are considered **provisional estimates**.

## 6. HWRC Performance

	Burton Farm HWRC	Cherry Orchard HWRC	Hunters Lane HWRC & Transfer	Judkins HWRC	Lower House Farm	Princes Drive HWRC & Transfer	Shipston HWRC	Stockton HWRC	Wellesbourne HWRC	Total
<b>Oct 16</b>	64.26	71.91	63.61	61.36	67.52	58.19	78.91	62.41	75.09	63.50
<b>Nov 16</b>	69.30	74.88	62.58	60.17	64.39	60.92	77.83	64.04	58.17	64.04
<b>Dec 16</b>	64.80	73.02	59.31	64.78	73.78	60.24	77.94	59.65	67.78	64.87
<b>Overall</b>	69.26	72.93	63.75	60.26	69.26	59.70	70.60	64.69	64.69	64.23

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