

## Warwickshire Waste Partnership

6 December 2017

### Waste Data Overview for Q2 2017/18

#### Recommendation

The Waste Partnership is asked to note the provisional data for the 2nd quarter of 2017/18 - July to September 2017.

#### 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.

## **Provisional Waste Management Data** **Quarter 2 2017/18**

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)**

	July	August	September	Q2 16/17 Total	Q2 17/18 Total
<b>Total tonnes</b>	23,472	25,943	24,703	75,393	74,118
<b>Landfilled</b>	3,787	3,926	2,825	9,223	10,538
<b>Energy from waste</b>	6,737	7,286	7,535	22,042	21,558
<b>In-vessel composting<sup>1</sup></b>	5,691	6,943	6,865	21,104	19,499
<b>Windrow composting<sup>2</sup></b>	720	788	661	2,253	2,169
<b>Recycling (HWRC)</b>	1,905	2,279	2,228	6,813	6,412
<b>Recycling (WCA)</b>	3,981	3,980	3,980	11,941	11,941
<b>Reuse</b>	651	741	609	2,017	2,001

### **2. Percentage of waste by disposal route**

	July	August	September	Q2 16/17 Total	Q2 17/18 Total
<b>% Recycling</b>	25.1%	24.1%	25.1%	24.9%	24.8%
<b>% Composting</b>	27.3%	29.8%	30.5%	31.0%	29.2%
<b>% Reuse</b>	2.8%	2.9%	2.5%	2.7%	2.7%
<b>Total</b>	55.2%	56.8%	58.1%	58.5%	56.7%

  

<b>% Landfill</b>	16.1%	15.1%	11.4%	12.2%	14.2%
<b>% Energy from waste and RDF</b>	28.7%	28.1%	30.5%	29.2%	29.1%
<b>Total</b>	44.8%	43.2%	41.9%	41.5%	43.3%

<sup>1</sup> Windrow composting – Outdoor composting of green garden waste from HWRCs

<sup>2</sup> In Vessel composting – Indoor controlled composting of garden and food waste from WCAs

### 3. Estimated provisional performance Q2 (household waste)

	Q2 2016/17	Q2 2017/18	Change
Recycling/Reuse rate	15,470 tonnes	15,079 tonnes	✖ 391 tonnes down
	22.6%	22.5%	✖ 0.1% down
Composting rate	23,188 tonnes	21,534 tonnes	✖ 1,654 tonnes down
	33.8%	32.1%	✖ 1.7% tonnes down
Recycling, Composting and Reuse rate	38,658 tonnes	36,613 tonnes	✖ 2,045 tonnes down
	56.4%	54.6%	✖ 1.8% down
Landfill rate	8,614 tonnes	9,814 tonnes	✖ 1,200 tonnes up
	12.6%	14.6%	✖ 2.0% up
Energy from waste	21,255 tonnes	20,655 tonnes	✖ 600 tonnes down
	31.0%	30.8%	✖ 0.2% down
Total Household waste	68,527 tonnes	67,082 tonnes	☺ 1,445 tonnes down
			☺ 2.1% down

#### 4. Estimated provisional performance Q1 + Q2 (household waste)

	Q1 + Q2 2016/17	Q1 + Q2 2017/18	Change
Recycling/Reuse rate	33,343 tonnes	32,542 tonnes	✖ 801 tonnes down
	23.8%	23.6%	✖ 0.2% down
Composting rate	48,034 tonnes	45,511 tonnes	✖ 2,523 tonnes down
	34.2%	33.0%	✖ 1.2% tonnes down
Recycling, Composting and Reuse rate	81,377 tonnes	78,053 tonnes	✖ 3324 tonnes down
	58.0%	56.6%	✖ 1.4% down
Landfill rate	17,481 tonnes	20,939 tonnes	✖ 3,458 tonnes up
	12.5%	15.2%	✖ 2.7% up
Energy from waste	41,461 tonnes	38,824 tonnes	✖ 2,637 tonnes down
	29.5%	28.2%	✖ 1.3% down
Total Household waste	140,319 tonnes	137,816 tonnes	☺ 2,503 tonnes down
			☺ 1.8% down

## 5. Estimated provisional performance Q2 (municipal waste)

	Q2 2016/17	Q2 2017/18	Change
Recycling/Reuse rate	20,771 tonnes	20,354 tonnes	✖ 417 tonnes down
	27.6%	27.5%	✖ 0.1% down
Composting rate	23,357 tonnes	21,668 tonnes	✖ 1,689 tonnes down
	31.0%	29.2%	✖ 1.8% tonnes down
Recycling, Composting and Reuse rate	44,128 tonnes	42,022 tonnes	✖ 2,106 tonnes down
	58.5%	56.7%	✖ 1.8% down
Landfill rate	9,223 tonnes	10,538 tonnes	✖ 1,315 tonnes up
	12.2%	14.2%	✖ 2.0% up
Energy from waste	22,042 tonnes	21,558 tonnes	✖ 484 tonnes down
	29.3%	29.1%	✖ 0.2% down
Total municipal waste	75,393 tonnes	74,118 tonnes	😊 1,275 tonnes down
			😊 1.7% down

## 6. Comparison of combined Q1 & Q2 (Municipal Waste)

	Q1 & Q2 2016/17	Q1 & Q2 2017/18	Change
Recycling/Reuse rate	41,607 tonnes	40,778 tonnes	✖ 829 tonnes down
	27.3%	27.2%	✖ 0.1% down
Composting rate	47,209 tonnes	44,635 tonnes	✖ 2,574 tonnes down
	31.0%	29.8%	✖ 1.2% tonnes down
Recycling, Composting and Reuse rate	88,816 tonnes	85,413 tonnes	✖ 3,403 tonnes down
	58.3%	57.0%	✖ 1.3% down
Landfill rate	18,541 tonnes	22,071 tonnes	✖ 3,530 tonnes up
	12.2%	14.7%	✖ 2.5% up
Energy from waste	44,888 tonnes	42,243 tonnes	✖ 2,645 tonnes down
	29.5%	28.2%	✖ 1.3% down
Total municipal waste	152,245 tonnes	149,727 tonnes	😊 2,518 tonnes down
			😊 1.7% down

## 7. 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 2016/17	Q1 & Q2 2017/18	Q1 & Q2 2016/17	Q1 & Q2 2017/18	Q1 & Q2 2016/17	Q1 & Q2 2017/18	Q1 & Q2 2016/17	Q1 & Q2 2017/18	Q1 & Q2 2016/17	Q1 & Q2 2017/18
<b>Recycling rate</b>	2,719 tonnes  18%	2,868 tonnes  19%	4,762 tonnes  18%	4,945 tonnes  18%	5,008 tonnes  20%	5,576 tonnes  24%	7,118 tonnes  23%	7,567 tonnes  24%	5,969 tonnes  21%	5,362 tonnes  19%
<b>Composting rate</b>	5,121 tonnes  33%	4,918 tonnes  32%	8,337 tonnes  31%	8,091 tonnes  30%	7,768 tonnes  31%	4,849 tonnes  21%	12,712 tonnes  42%	12,839 tonnes  42%	10,244 tonnes  37%	10,460 tonnes  38%
<b>Recycling, Composting and Reuse Rate</b>	7,840 tonnes  51%	7,786 tonnes  51%	13,099 tonnes  49%	13,036 tonnes  48%	12,776 tonnes  51%	10,425 tonnes  45%	19,830 tonnes  65%	20,406 tonnes  66%	16,213 tonnes  58%	15,822 tonnes  57%
<b>Residual</b>	7,588 tonnes  49%	7,616 tonnes  49%	13,571 tonnes  51%	13,900 tonnes  52%	12,176 tonnes  49%	12,761 tonnes  55%	10,751 tonnes  35%	10,504 tonnes  34%	11,826 tonnes  42%	11,886 tonnes  43%
<b>Total</b>	15,428 tonnes	15,402 tonnes	26,670 tonnes	26,936 tonnes	24,952 tonnes	23,186 tonnes	30,581 tonnes	30,910 tonnes	28,039 tonnes	27,708 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**.

## 8. HWRC Performance Q2

	Burton Farm		Cherry Orchard		Hunter Lane		Judkins		Lower House Farm		Princes Drive		Shipston		Stockton		Wellesbourne	
	Q2 16/17	Q2 17/18	Q2 16/17	Q2 17/18	Q2 16/17	Q2 17/18	Q2 16/17	Q2 17/18	Q2 16/17	Q2 17/18	Q2 16/17	Q2 17/18	Q2 16/17	Q2 17/18	Q2 16/17	Q2 17/18	Q2 16/17	Q2 17/18
<b>Recycling rate</b>	1,035 tonnes 53%	985 tonnes 58%	739 tonnes 53%	664 tonnes 52%	1,244 tonnes 54%	1,095 tonnes 47%	1,506 tonnes 57%	1,251 tonnes 52%	1,176 tonnes 62%	1,085 tonnes 61%	2,278 tonnes 47%	2,124 tonnes 45%	327 tonnes 57%	314 tonnes 56%	147 tonnes 56%	153 tonnes 55%	246 tonnes 60%	190 tonnes 50%
<b>Composting rate</b>	370 tonnes 19%	214 tonnes 13%	274 tonnes 20%	266 tonnes 21%	333 tonnes 15%	433 tonnes 19%	302 tonnes 11%	286 tonnes 12%	210 tonnes 11%	286 tonnes 16%	684 tonnes 14%	617 tonnes 13%	109 tonnes 19%	106 tonnes 19%	42 tonnes 16%	42 tonnes 15%	47 tonnes 11%	56 tonnes 15%
<b>Recycling, Composting and Reuse Rate</b>	1,405 tonnes 72%	1,199 tonnes 71%	1,013 tonnes 73%	930 tonnes 73%	1,577 tonnes 69%	1,528 tonnes 66%	1,808 tonnes 68%	1,537 tonnes 64%	1,386 tonnes 73%	1,371 tonnes 77%	2,962 tonnes 61%	2,741 tonnes 58%	436 tonnes 76%	420 tonnes 75%	189 tonnes 72%	195 tonnes 70%	293 tonnes 71%	246 tonnes 65%
<b>Residual</b>	549 tonnes 28%	486 tonnes 29%	370 tonnes 27%	337 tonnes 27%	724 tonnes 31%	782 tonnes 34%	844 tonnes 32%	883 tonnes 36%	520 tonnes 27%	398 tonnes 23%	1,868 tonnes 39%	1,978 tonnes 42%	141 tonnes 24%	143 tonnes 25%	74 tonnes 28%	83 tonnes 30%	116 tonnes 29%	131 tonnes 35%
<b>Total</b>	1,954 tonnes	1,685 tonnes	1,383 tonnes	1,267 tonnes	2,301 tonnes	2,310 tonnes	2,652 tonnes	2,420 tonnes	1,906 tonnes	1,769 tonnes	4,830 tonnes	4,719 tonnes	577 tonnes	563 tonnes	263 tonnes	278 tonnes	409 tonnes	377 tonnes

## 9. HWRC Performance Q1 & Q2

	Burton Farm		Cherry Orchard		Hunter Lane		Judkins		Lower House Farm		Princes Drive		Shipston		Stockton		Wellesbourne	
	Q1 & Q2 16/17	Q1 & Q2 17/18	Q1 & Q2 16/17	Q1 & Q2 17/18	Q1 & Q2 16/17	Q1 & Q2 17/18	Q1 & Q2 16/17	Q1 & Q2 17/18	Q1 & Q2 16/17	Q1 & Q2 17/18	Q1 & Q2 16/17	Q1 & Q2 17/18	Q1 & Q2 16/17	Q1 & Q2 17/18	Q1 & Q2 16/17	Q1 & Q2 17/18	Q1 & Q2 16/17	Q1 & Q2 17/18
<b>Recycling rate</b>	2,187 tonnes 58%	2,064 tonnes 58%	1,474 tonnes 55%	1,358 tonnes 53%	2,503 tonnes 54%	2,307 tonnes 48%	3,069 tonnes 57%	2,728 tonnes 54%	2,344 tonnes 62%	2,335 tonnes 63%	5,008 tonnes 47%	4,443 tonnes 45%	673 tonnes 58%	620 tonnes 56%	309 tonnes 58%	287 tonnes 52%	444 tonnes 56%	391 tonnes 50%
<b>Composting rate</b>	485 tonnes 13%	462 tonnes 13%	538 tonnes 20%	514 tonnes 20%	600 tonnes 13%	882 tonnes 18%	576 tonnes 11%	533 tonnes 10%	395 tonnes 10%	407 tonnes 11%	1,234 tonnes 11%	1,186 tonnes 12%	209 tonnes 18%	203 tonnes 18%	67 tonnes 12%	87 tonnes 16%	100 tonnes 13%	113 tonnes 14%
<b>Recycling, Composting and Reuse Rate</b>	2,672 tonnes 71%	2,526 tonnes 71%	2,012 tonnes 75%	1,872 tonnes 73%	3,103 tonnes 67%	3,189 tonnes 66%	3,645 tonnes 68%	3,261 tonnes 64%	2,739 tonnes 72%	2,742 tonnes 74%	6,242 tonnes 58%	5,629 tonnes 57%	882 tonnes 76%	823 tonnes 74%	376 tonnes 70%	374 tonnes 68%	544 tonnes 69%	504 tonnes 64%
<b>Residual</b>	1,081 tonnes 29%	1,015 tonnes 29%	686 tonnes 25%	693 tonnes 27%	1,543 tonnes 33%	1,633 tonnes 34%	1,733 tonnes 32%	1,812 tonnes 36%	1,052 tonnes 28%	956 tonnes 26%	4,540 tonnes 42%	4,176 tonnes 43%	284 tonnes 24%	288 tonnes 26%	161 tonnes 30%	180 tonnes 32%	244 tonnes 31%	286 tonnes 36%
<b>Total</b>	3,753 tonnes	3,541 tonnes	2,698 tonnes	2,565 tonnes	4,646 tonnes	4,822 tonnes	5,378 tonnes	5,073 tonnes	3,791 tonnes	3,698 tonnes	10,782 tonnes	9,805 tonnes	1,166 tonnes	1,111 tonnes	537 tonnes	554 tonnes	788 tonnes	790 tonnes

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