

Warwickshire Waste Partnership

15th June 2016

Waste Data Overview for Q3, Q4 and End of Year Provisional Data 2015/16

Recommendations

- (1) The Waste Partnership is asked to note the provisional data for the 3rd and 4th quarter and estimated provisional data for the whole year 2015/16.

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 3 and 4 (2015/16)

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 Route (Tonnes)

	Q3 Total	January (Q4)	February (Q4)	March (Q4)	Q4 Total
Total Tonnes	65,276	20,467	19,074	21,883	61,424
Landfilled	8,321	2,599	1,869	2,359	6,827
Inert - Landfilled	0	0	0	0	0
Energy from Waste	22,319	8,616	7,999	7,635	24,250
Other Technology*	0	0	0	0	0
In-vessel Composting*	13,177	2,525	2,362	4,330	9,217
Windrow Composting*	1,095	165	199	392	756
Other Composting*	0	0	0	0	0
Recycling (HWRC)	4,829	1,743	1,813	2,060	5,616
Recycling (WCA)	14,262	4,496	4,454	4,540	13,490
Reuse	1,273	323	378	567	1,268

*Other Technology – Refuse Derived Fuel

*Windrow composting – Outdoor composting of green garden waste from HWRCs, NBBC and NWBC

*In Vessel composting – Indoor controlled composting of garden and food waste from RBC, WDC, SDC

*Other composting – Chipboard and wood

2. Percentage of Waste by Disposal Route

	Q3 Total	January (Q4)	February (Q4)	March (Q4)	Q4 Total
% Recycling	29.2%	30.4%	32.9%	30.2%	31.1%
% Composting	21.9%	13.1%	13.4%	21.6%	16.2%
% Reuse	2.0%	1.6%	2.0%	2.6%	2.1%
Total	53.1%	45.1%	48.3%	54.4%	49.4%
% Landfill	12.7%	12.7%	9.8%	10.8%	11.1%
% Energy from Waste and RDF	34.2%	42.2%	41.9%	34.8%	39.5%

3. Estimated Municipal Waste Performance Q3 (2014/15) compared to Q3 (2015/16)

	Q3 2014/2015	Q3 2015/2016	Change
Recycling/Reuse Rate	20,299	20,364	☺ 65 tonnes up
	31.9%	31.2%	X 0.7% down
Composting Rate	13,324	14,272	☺ 948 tonnes up
	20.9%	21.9%	☺ 1% up
Recycling, Composting and Reuse Rate	33,623	34,636	☺ 1,013 tonnes up
	52.8%	53.1%	☺ 0.3% up
Landfill Rate	8,856	8,321	☺ 535 tonnes down
	13.9%	12.7%	☺ 1.2% down
Energy from Waste	21,228	22,319	☺ 1,091 tonnes up
	33.3%	34.2%	☺ 0.9% up
Total Municipal Waste	63,707	65,276	X 1,569 tonnes up
			X 2.5% up

4. Municipal Waste Data for Q1, Q2 & Q3 (2014/15) compared to Q1, Q2 & Q3 (2015/16)

	Q1, Q2, Q3 2014/15	Q1, Q2, Q3 2015/16	Change
Recycling/Reuse Rate	61,900	61,491	X 409 tonnes down
	29.0%	28.7%	X 0.3% up or down
Composting Rate	61,367	58,950	X 2,417 tonnes down
	28.7%	27.6%	X 1.1% down
Recycling, Composting and Reuse Rate	123,267	120,441	X 2,826 tonnes down
	57.7%	56.3%	X 1.4% down
Landfill Rate	29,417	29,325	☺ 92 tonnes down
	13.8%	13.7%	☺ 0.1% down
Energy from Waste	60,790	64,188	☺ 3,398 tonnes up
	28.5%	30.0%	☺ 1.5% up
Total Municipal Waste	213,474	213,954	X 480 tonnes up
			X 0.2% up

5. Estimated Municipal Waste Performance Q4 (2014/15) compared to Q4 (2015/16)

	Q4 2014/2015	Q4 2015/2016	Change
Recycling/Reuse Rate	19,783 tonnes	20,374 tonnes	☺ 591 tonnes up
	33.5%	33.2%	X 0.3% down
Composting Rate	8,768 tonnes	9,973 tonnes	☺ 1,205 tonnes up
	14.9%	16.2%	☺ 1.3% up
Recycling, Composting and Reuse Rate	28,551 tonnes	30,347 tonnes	☺ 1,796 tonnes up
	48.4%	49.4%	☺ 1.0% tonnes up
Landfill Rate	8,576 tonnes	6,827 tonnes	☺ 1,749 tonnes down
	14.5%	11.1%	☺ 3.4% down
Energy from Waste	21,916 tonnes	24,250 tonnes	☺ 2,334 tonnes up
	37.1%	39.5%	☺ 2.4% up
Total Municipal Waste	59,043 tonnes	61,424 tonnes	X 2,381 tonnes up
			X 4.0% up

6. Municipal Waste Yearly figures for 2014/15 compared to 2015/16

	2014/15 Year	2015/16 Year	Change
Recycling/Reuse Rate	81,683 tonnes	81,865 tonnes	☺ 182 tonnes up
	30.0%	29.7%	X 0.3% down
Composting Rate	70,135 tonnes	68,923 tonnes	X 1,212 tonnes down
	25.7%	25.1%	X 0.6% down
Recycling, Composting and Reuse Rate	151,818 tonnes	150,788 tonnes	X 1,030 tonnes down
	55.7%	54.8%	X 0.9% down
Landfill Rate	37,993 tonnes	36,152 tonnes	☺ 1,841 tonnes down
	14.0%	13.1%	☺ 0.9% down
Energy from Waste	82,706 tonnes	88,438 tonnes	☺ 5,732 tonnes up
	30.3%	32.1%	☺ 1.8% up
Total Municipal Waste	272,557 tonnes	275,378 tonnes	X 2,821 tonnes up
			X 1.0% up

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**.

7. District Provisional Performance – Household waste 2014/15 compared to 2015/16

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

	North Warwickshire		Nuneaton and Bedworth		Rugby		Stratford		Warwick	
	Year 2014/15	Year 2015/16	Year 2014/15	Year 2015/16	Year 2014/15	Year 2015/16	Year 2014/15	Year 2015/16	Year 2014/15	Year 2015/16
Recycling Rate	5,555 tonnes 21%	5,129 tonnes 19%	10,216 tonnes 21%	9,864 tonnes 20%	9,189 tonnes 21%	9,898 tonnes 23%	14,114 tonnes 26%	15,234 tonnes 28%	12,428 tonnes 25%	12,238 tonnes 24%
Composting Rate	7,631 tonnes 28%	7,307 tonnes 28%	11,548 tonnes 24%	11,302 tonnes 23%	10,886 tonnes 25%	10,908 tonnes 26%	18,841 tonnes 34%	18,411 tonnes 34%	14,871 tonnes 30%	14,657 tonnes 29%
Recycling, Composting and Reuse Rate	13,186 tonnes 49%	12,436 tonnes 47%	21,764 tonnes 45%	21,166 tonnes 43%	20,075 tonnes 46%	20,806 tonnes 49%	32,955 tonnes 60%	33,645 tonnes 62%	27,299 tonnes 55%	26,895 tonnes 53%
Residual	13,908 tonnes 51%	13,984 tonnes 53%	26,675 tonnes 55%	27,533 tonnes 57%	23,594 tonnes 54%	21,486 tonnes 51%	21,724 tonnes 40%	20,631 tonnes 38%	22,525 tonnes 45%	24,011 tonnes 47%
Total	27,094 tonnes	26,420 tonnes	48,439 tonnes	48,699 tonnes	43,669 tonnes	42,292 tonnes	54,679 tonnes	54,276 tonnes	49,824 tonnes	50,906 tonnes

8. Estimated Household Performance 2014/15 compared with 2015/16

	2014/15 Year	2015/16 Year	Change
Recycling/Reuse Rate	72,088	73,812	☺ 1,724 tonnes up
	27.7%	28.5%	☺ 0.8% up
Composting Rate	69,173	68,435	X 738 tonnes down
	26.5%	26.4%	X 0.1% down
Recycling, Composting and Reuse Rate	141,261	142,247	☺ 986tonnes up
	54.2%	54.9%	☺ 0.7% up
Landfill Rate	36,961	33,422	☺ 3,539 tonnes down
	14.2%	12.9%	☺ 1.3% down
Energy from Waste	82,354	83,490	☺ 1,136 tonnes up
	31.6%	32.2%	☺ 0.6% up
Total Household Waste	260,576	259,159	☺ 1,417tonnes down
			☺ 0.5% down

9. HWRC Performance Year 2015-16

	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
Apr	71.9	73.8	67.9	67.3	73.6	63.8	73.3	73.4	89.9	70.42
May	70.0	73.4	64.9	68.9	66.7	68.6	75.7	55.4	73.0	68.39
Jun	74.6	76.5	71.6	69.8	73.4	66.1	75.1	67.9	70.4	70.48
Jul	72.6	74.7	70.0	51.5	68.3	62.0	80.0	58.2	72.4	64.87
Aug	71.0	72.4	69.0	47.5	76.6	64.8	76.2	65.8	63.9	65.84
Sept	68.4	79.1	70.9	33.6	76.0	67.6	75.8	70.3	70.7	63.81
Oct	70.7	72.2	72.2	42.4	74.2	58.0	84.3	70.5	74.3	63.49
Nov	67.9	71.5	67.7	52.5	70.6	58.0	72.3	58.7	65.4	62.93
Dec	78.6	83.3	70.7	57.9	68.8	58.2	85.7	88.4	48.5	66.84
Jan	66.2	66.1	62.6	50.2	69.1	57.5	69.5	59.0	64.3	60.44
Feb	66.5	72.7	72.4	61.2	62.7	56.8	75.9	52.9	60.2	63.43
Mar	73.3	78.0	68.3	59.0	69.2	61.9	74.9	73.6	74.5	67.07
Overall	70.97	74.47	69.01	55.15	70.77	61.94	76.57	66.17	68.96	65.67