

Warwickshire Waste Partnership

14th June 2017

Waste Data Overview for Q4 2016/17

Recommendations

- (1) The Waste Partnership is asked to note the provisional data for the 4th quarter of 2016/17 - January to March 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 4 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)

	January	February	March	Q4 15/16 Total	Q4 16/17 Total
Total tonnes	20,096	18,246	23,848	61,016	62,190
Landfilled	3,129	2,528	3,100	6,851	8,757
Inert - landfilled	0	0	0	0	0
Energy from waste	8,175	7,084	8,235	24,719	23,494
Other technology¹	0	0	0	0	0
In-vessel composting²	2,169	2,453	4,874	9,217	9,496
Windrow composting³	194	227	487	755	908
Other composting⁴	0	0	0	0	0
Recycling (HWRC)	1,873	1,607	2,389	5,755	5,869
Recycling (WCA)	4,227	3,989	4,151	12,440	12,367
Reuse	329	358	612	1,279	1,299

2. Percentage of waste by disposal route

	January	February	March	Q4 15/16 Total	Q4 16/17 Total
% Recycling	30.4%	30.7%	27.4%	29.8%	29.3%
% Composting	11.8%	14.7%	22.5%	16.3%	16.7%
% Reuse	1.6%	2.0%	2.6%	2.1%	2.1%
Total	43.8%	47.4%	52.5%	48.2%	48.1%
% Landfill	15.6%	13.8%	13.0%	11.2%	14.1%
% Energy from waste and RDF	40.6%	38.8%	34.5%	40.6%	37.8%
Total	56.2%	52.6%	47.5%	51.8%	51.9%

¹ Other Technology – Refuse Derived Fuel

² Windrow composting – Outdoor composting of green garden waste from HWRCs

³ In Vessel composting – Indoor controlled composting of garden and food waste from WCAs

⁴ Other composting – Road Sweepings

3. Estimated provisional performance Q4 (municipal waste)

	Q4 2015/16	Q4 2016/17	Change
Recycling/Reuse rate	19,474 tonnes	19,535 tonnes	☺ 61 tonnes up
	31.9%	31.4%	✘ 0.5% down
Composting rate	9,972 tonnes	10,404 tonnes	☺ 432 tonnes up
	16.3%	16.7%	☺ 0.4% up
Recycling, Composting and Reuse rate	29,446 tonnes	29,939 tonnes	☺ 493 tonnes up
	48.2%	48.1%	✘ 0.1% down
Landfill rate	6,851 tonnes	8,757 tonnes	✘ 1,906 tonnes up
	11.2%	14.1%	✘ 2.9% up
Energy from waste	24,719 tonnes	23,494 tonnes	✘ 1,225 Tonnes down
	40.6%	37.8%	✘ 2.8% down
Total municipal waste	61,016 tonnes	62,190 tonnes	✘ 1,174 tonnes up
			✘ 1.9% up

4. Municipal Waste Yearly figures for 2016/17 compared to 2015/16

	Year 2015/16	Year 2016/17	Change
Recycling/Reuse rate	76,254 tonnes	75,557 tonnes	✖ 697 tonnes down
	27.7%	27.2%	✖ 0.5% down
Composting rate	73,923 tonnes	77,409 tonnes	☺ 3,486 tonnes up
	26.8%	27.8%	☺ 1.0% up
Recycling, Composting and Reuse rate	150,177 tonnes	152,966 tonnes	☺ 2,789 tonnes up
	54.5%	55.0%	☺ 0.5% up
Landfill rate	36,176 tonnes	35,686 tonnes	☺ 490 tonnes down
	13.1%	12.8%	☺ 0.3% down
Energy from waste	89,334 tonnes	89,644 tonnes	☺ 310 Tonnes up
	32.4%	32.2%	✖ 0.2% down
Total municipal waste	275,687 tonnes	278,296 tonnes	✖ 2,609 tonnes up
			✖ 0.9% up

5. Household Waste Yearly figures for 2016/17 compared to 2015/16

	Year 2015/16	Year 2016/17	Change
Recycling/Reuse rate	67,968 tonnes	66,445 tonnes	✖ 1,523 tonnes down
	26.1%	25.3%	✖ 0.8% down
Composting rate	72,913 tonnes	75,934 tonnes	☺ 3,021 tonnes up
	28.0%	29.0%	☺ 1.0% up
Recycling, Composting and Reuse rate	140,881 tonnes	142,379 tonnes	☺ 1,498 tonnes up
	54.1%	54.3%	☺ 0.2% up
Landfill rate	34,510 tonnes	34,008 tonnes	☺ 502 tonnes down
	13.3%	13.0%	☺ 0.3% down
Energy from waste	84,804 tonnes	85,823 tonnes	☺ 1,019 Tonnes up
	32.6%	32.7%	☺ 0.1% up
Total Household waste	260,195 tonnes	262,210 tonnes	✖ 2,015 tonnes up
			✖ 0.8% up

6. District Provisional Performance – Q4 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	
	Q4 2015/16	Q4 2016/17	Q4 2015/16	Q4 2016/17	Q4 2015/16	Q4 2016/17	Q4 2015/16	Q4 2016/17	Q4 2015/16	Q4 2016/17
Recycling rate	1,433 tonnes 23%	1,359 tonnes 21%	1,719 tonnes 17%	2,260 tonnes 20%	2,272 tonnes 23%	2,553 tonnes 24%	3,171 tonnes 28%	3,748 tonnes 30%	3,287 tonnes 29%	2,952 tonnes 25%
Composting rate	1,114 tonnes 18%	1,146 tonnes 18%	1,506 tonnes 15%	1,758 tonnes 16%	1,922 tonnes 19%	1,493 tonnes 14%	2,808 tonnes 25%	3,403 tonnes 27%	2,959 tonnes 26%	3,076 tonnes 25%
Recycling, Composting and Reuse Rate	2,547 tonnes 41%	2,505 tonnes 39%	3,225 tonnes 32%	4,018 tonnes 36%	4,194 tonnes 42%	4,046 tonnes 38%	5,979 tonnes 53%	7,151 tonnes 57%	6,246 tonnes 55%	6,028 tonnes 50%
Residual	3,643 tonnes 59%	3,896 tonnes 61%	6,986 tonnes 68%	7,180 tonnes 64%	5,709 tonnes 58%	6,610 tonnes 62%	5,357 tonnes 47%	5,406 tonnes 43%	5,066 tonnes 45%	6,092 tonnes 50%
Total	6,190 tonnes	6,401 tonnes	10,211 tonnes	11,198 tonnes	9,903 tonnes	10,656 tonnes	11,336 tonnes	12,557 tonnes	11,312 tonnes	12,120 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**.

7. HWRC 2016-17 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
Apr	67.49	72.51	62.02	53.55	69.97	53.87	65.56	62.13	66.36	60.05
May	64.80	73.02	59.31	64.78	73.78	60.24	77.94	59.65	67.78	64.87
Jun	74.58	73.04	69.10	63.39	68.14	61.12	70.96	70.29	55.69	66.34
Jul	70.74	73.09	65.04	64.28	65.28	62.83	67.92	66.29	69.12	65.94
Aug	66.43	70.06	67.67	60.93	71.00	61.40	76.36	68.98	69.43	65.62
Sept	68.03	67.87	67.17	62.09	66.21	69.02	74.47	67.91	70.33	67.50
Oct	64.26	71.91	63.61	61.36	67.52	58.19	78.91	62.41	75.09	63.50
Nov	69.30	74.88	62.58	60.17	64.39	60.92	77.83	64.04	58.17	64.04
Dec	67.18	66.02	57.58	52.05	64.01	51.04	70.71	55.35	71.34	58.16
Jan	63.97	67.23	59.29	59.52	69.56	51.17	76.14	56.34	52.92	59.54
Feb	66.37	68.78	65.16	60.69	65.55	51.15	81.10	66.52	59.78	63.50
Mar	72.41	77.61	64.50	67.13	68.75	57.03	72.51	63.79	68.17	65.45
Overall	70.27	74.17	65.88	65.50	73.86	56.41	76.39	67.22	71.42	65.53

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