

Warwickshire Waste Partnership - 14 June 2011 *Updated with end of year data 6th July 2011*

Quarterly Waste and Recycling Data Update

Report of the Strategic Director for Environment and Economy on behalf of the Officers Group

Summary

Members of the Warwickshire Waste Partnership are presented with a quarterly update of waste and recycling figures at Disposal and Collection Authority level.

Recommendation

The Waste Partnership is asked to note the provisional data for the fourth quarter, January to March 2011.

- 1.1 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**
- 1.2 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.

Enquiries: about this report should be made to Laura Vesty, Waste Research and Statistics Officer from the Waste Management Group on 01926 41 8064. E-mail lauravesty@warwickshire.gov.uk

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Provisional Waste Management Data 2010/11

1. Total Municipal Waste Arising and Disposal Route (Tonnes)

	January	February	March	Q4 Total	Q3 Total
Total Tonnes	22,701	18,919	25,107	67,237	61,595
Landfilled	8,346	5,800	8,965	23,110	19,273
Inert - Landfilled	102	76	276	454	861
Energy from Waste	4,935	4,753	3,598	13,286	12,282
Other Technology*	326	457	657	1,441	1,452
In-vessel Composting*	1,932	1,608	3,173	6,713	7,882
Windrow Composting*	945	813	2,251	4,009	4,556
Other Composting*	287	302	357	946	871
Recycling (HWRC)	1,220	953	1,228	3,401	2,690
Recycling (WCA)*	4,729	4,025	4,278	13,032	11,401
Reuse	50	302	493	845	459

*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

*Recycling (WCA) – calculated using recycling credits. Split by month based on when recycling credit claim arrives NBBC and SDC monthly and NWBC, RBC and WDC quarterly.

2. Percentage of Waste by Disposal Route

	January	February	March	Q4 Total	Q3 Total
% Recycling	26.2%	26.3%	21.9%	24.4%	23.1%
% Composting	13.9%	14.4%	23%	17.4%	21.2%
% Reuse	0.2%	1.6%	2%	1.3%	0.5%
Total	40.3%	42.3%	46.9%	43.1%	44.8%
% Landfill	37.2%	31%	36.8%	35%	32.5%

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% Energy from Waste and RDF	23.2%	27.5%	16.9%	21.9%	22.7%
Total	60.4%	58.5%	53.7%	56.9%	55%

3. Estimated Provisional Performance (Household)

	Q4 2009/2010	Q4 2010/2011	% change from
Recycling Rate	15,995 tonnes 27.9%	16,171 tonnes 25.75%	X 2% Drop
Composting Rate	7,905 tonnes 13.8%	11,916 tonnes 19%	J 5.2% Rise
Recycling, Composting and Reuse Rate	24,197 tonnes 41.9%	28,104 tonnes 44.7%	J 2.8% Rise
Landfill Rate	26,669 tonnes 46.4%	21,489 tonnes 32.2%	J 14% Drop
Energy from Waste and RDF	8,630 tonnes 12%	13,186 tonnes 21%	J 9% Rise
Total Municipal Waste*	67,251 tonnes	67,273 tonnes	0% change

4. Comparison of 2009-10 and 2010-11 Performance

	2009/2010 Household	2010/2011 Household	% change from
Recycling Rate	63,871 tonnes 23.8%	61,848 tonnes 23.4%	X 0.4% Drop
Composting Rate	65,116 tonnes 24.3%	67,835 tonnes 25.7%	J 1.4% Rise
Recycling, Composting and Reuse Rate	129,336 tonnes 48.1%	129,731 tonnes 49.1%	J 1% Rise
Landfill Rate	112,174 tonnes 41.8%	85,631 tonnes 32.5%	J 9.3% Drop
Energy from Waste and RDF	27,247 tonnes 10.2%	48,447 tonnes 18.4%	J 8.2% Rise
Total Municipal Waste*	292,062 tonnes	282,794 tonnes	J 3% Drop

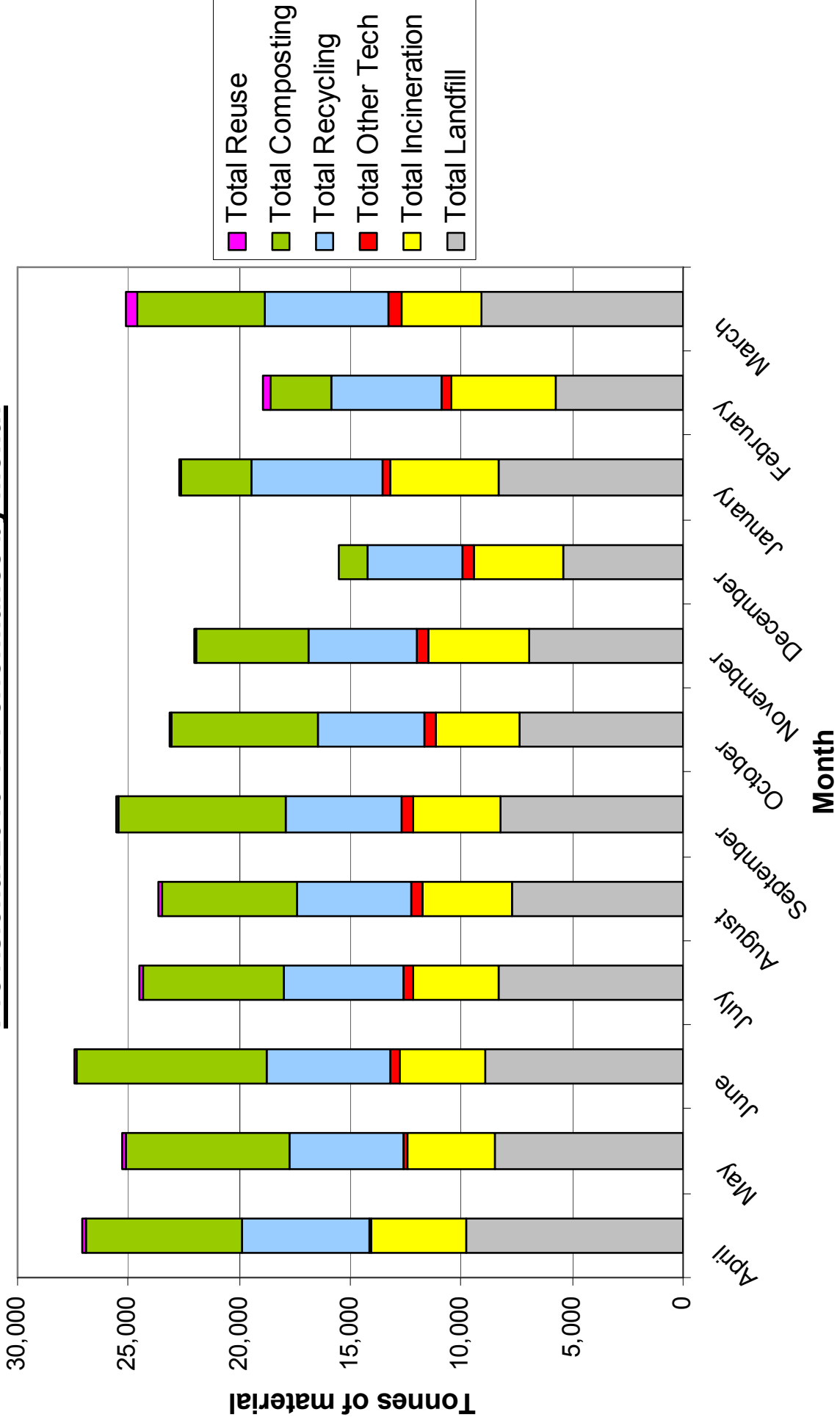
*Municipal waste is all waste under the remit of the Disposal Authority. It includes trade waste collected by collection authorities, trade waste taken to HWRCs, waste from schools and other municipal buildings and items such as inert waste, plasterboard and tyres as well as household waste.

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NB. Data is taken from Waste Data Flow. At the time of publication of this report all data is considered **provisional estimates**.

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Provisional 2010-11 Performance by month



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5. District Provisional Performance – Household waste

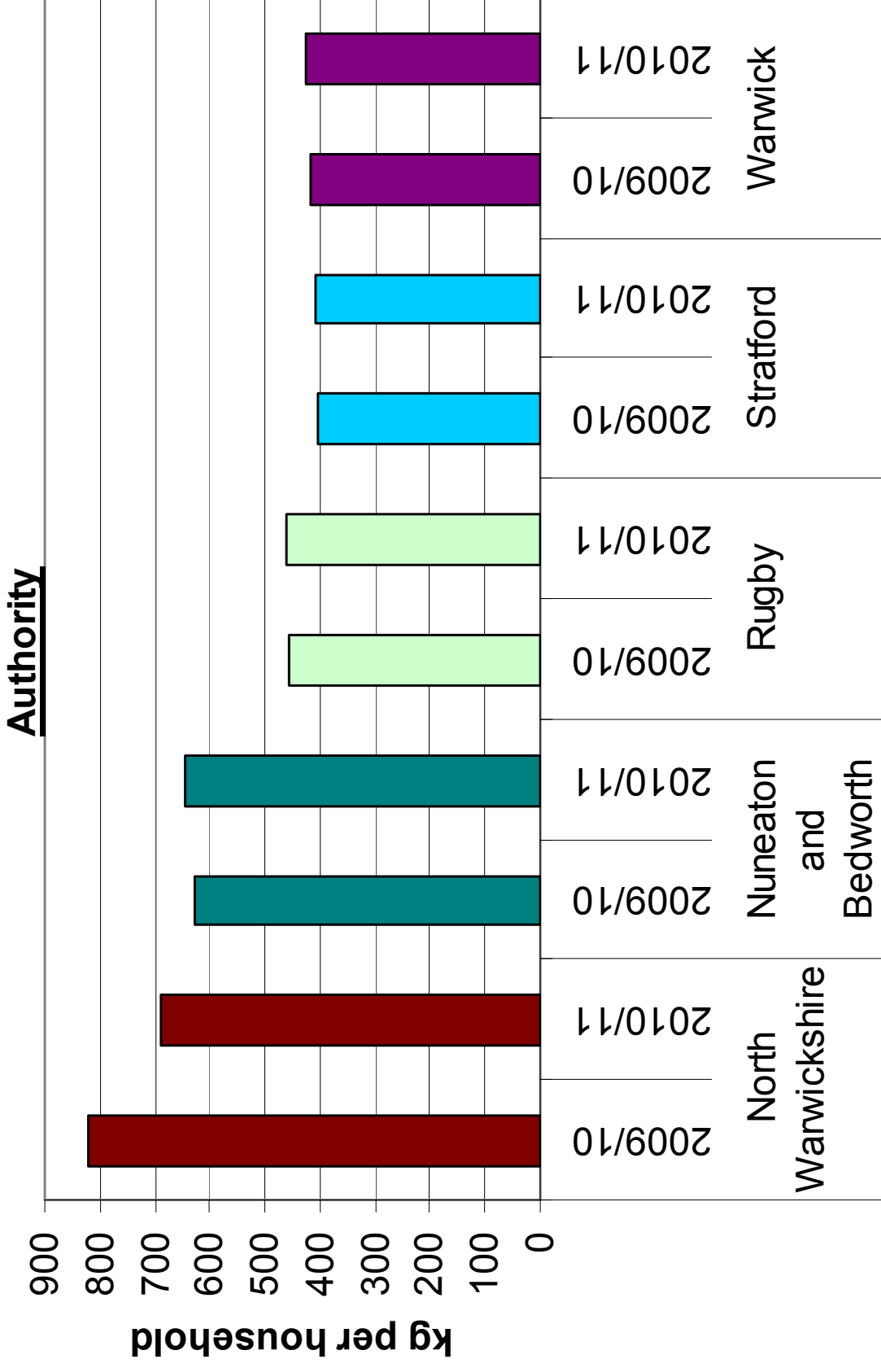
Note: All figures are household and from WDF apart from WCC which are a mixture of in house and WDF records and so reporting differences will exist

	North Warwickshire		Nuneaton and Bedworth		Rugby		Stratford		Warwick		Warwickshire (HWRC etc)	
	2009/10	2010/11	2009/10	2010/11	2009/10	2010/11	2009/10	2010/11	2009/10	2010/11	2009/10	2010/11
Number of households	26,741	26,860	53,822	54,140	42,751	43,020	53,899	54,090	59,884	60,160	237,097	238,260
Recycling Rate	2,994 tonnes 10%	3,325 tonnes 12%	8,924 tonnes 17%	8,598 tonnes 16.6%	10,575 tonnes 27%	10,621 tonnes 26%	14,272 tonnes 27%	14,686 tonnes 27%	10,963 tonnes 22%	10,946 tonnes 22%	16,143 tonnes 35.5%	13,672 tonnes 33.6%
Composting Rate	5,116 tonnes 17%	5,131 tonnes 19%	8,738 tonnes 17%	8,330 tonnes 16%	9,711 tonnes 24%	9,973 tonnes 25%	16,487 tonnes 31%	17,380 tonnes 32%	13,432 tonnes 27%	13,613 tonnes 27%	11,632 tonnes 25.6%	13,408 tonnes 33%
Recycling, Composting and Reuse Rate	8,110 tonnes 27%	8,456 tonnes 31%	17,663 tonnes 34%	16,927 tonnes 32.7%	20,319 tonnes 51%	20,598 tonnes 51%	30,758 tonnes 59%	32,076 tonnes 59%	24,400 tonnes 49%	24,559 tonnes 49%	28,086 tonnes 61.8%	27,115 tonnes 66.6%
Residual	21,945 tonnes 821kg/hh	18,556 tonnes 691kg/hh	33,896 tonnes 630kg/hh	34,868 tonnes 644kg/hh	19,529 tonnes 457kg/hh	19,743 tonnes 459kg/hh	21,711 tonnes 403kg/hh	22,005 tonnes 407kg/hh	25,092 tonnes 419kg/hh	25,486 tonnes 424kg/hh	17,393 tonnes 61.8%	13,573 tonnes 66.6%
Total	30,056 tonnes 1,124kg/hh	27,012 tonnes 1,006kg/hh	51,558 tonnes 958kg/hh	51,795 tonnes 957kg/hh	39,814 tonnes 931kg/hh	40,336 tonnes 938kg/hh	52,468 tonnes 973kg/hh	54,081 tonnes 1,000kg/hh	49,492 tonnes 826kg/hh	50,046 tonnes 832kg/hh	45,479 tonnes 61.8%	40,688 tonnes 66.6%

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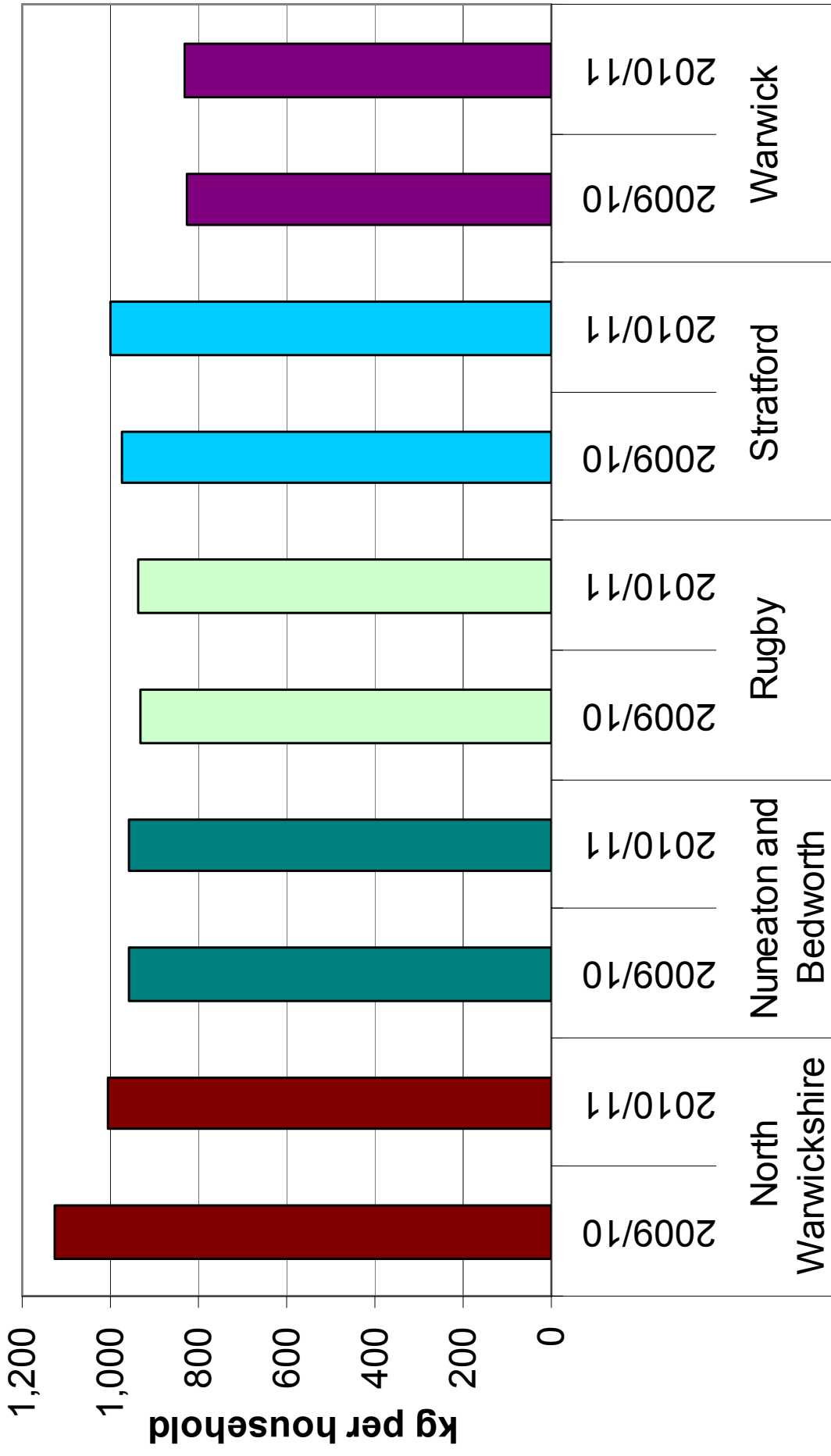
Residual Waste (non recycled) per household by Collection Authority



Waste Collection Authority and Year

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Total Waste produced per household by Collection Authority



Waste Collection Authority and Year