

**Warwickshire Waste Partnership
27 September 2011**

Waste Management Statistics for 2010/11

Report of the Communities Group

Summary

This report shows the total waste and recycling position for Warwickshire as a whole in relation to other waste disposal authorities, and the waste and recycling produced by each partner authority.

Recommendation

That the report be noted, and that members decide if this new way of presenting end-of-year figures is acceptable.

1. Introduction

- 1.1 **Appendix A** shows the overall figures for Warwickshire.
Appendix B compares the overall performance of Warwickshire with other disposal authorities.
Appendix C shows the waste and recycling for each partner authority.
Appendix D provides more information on the quantities of municipal waste handled and other performance data.
- 1.2 This year's figures are presented differently to those of previous years. No split has been made by geographical area and the figures are reported as a whole and by authority.

2. Main Points for 2010/11

2.1 Overall figures for Warwickshire Waste Partnership

With regard to **Appendix A**, some of the main points are:

Household

- (a) The overall household recycling and composting rate has increased from 48.1% to 49.2%. This is due to an increase in composting rate.

- (b) Total household waste reduced by 4,600 tonnes or 1.7% from 2009/10 to 2010/11.
- (c) The amount of household waste sent to landfill decreased by 9.3% and the amount sent for energy recovery increased by 8.3%.
- (d) Total household waste by head of population reduced by over 3%. The residual proportion decreased by over 5% per head.

Municipal

- (e) Total municipal waste reduced by 9,268 tonnes or 3.2%.
- (f) Total municipal waste by head of population reduced by 4.7%. The residual proportion decreased by 7.5%.

2.2 Comparisons with other Authorities

Appendix B, Table 1 compares Warwickshire's performance with other shire councils. Warwickshire is now in 11th place, compared to 8th place following last year's 2009/10 figures. This is due to other authorities increasing their recycling rate more than Warwickshire has this year. It is predicted that our recycling rate will increase more next year with Nuneaton and Bedworth's new recycling collection and alternate-week residual service.

2.3 Household Waste and Recycling by Partner Authority

With regard to **Appendix C**, some of the main points are:

- (a) **Table 1** shows that in some authorities, e.g. North Warwickshire, recycling and composting increased, while in other authorities the recycling rate decreased slightly or remained the same.
- (b) The total amount of residual household waste decreased by 9.7% in North Warwickshire and at Household Waste Recycling Centres compared with the amount of residual waste in 2009/10.
- (c) When looking at residual waste per head of population, residual household waste also decreased slightly in Rugby and Warwick (see **Figure 1**). Warwick and Stratford remain the authorities with the lowest residual waste per head of population.
- (d) **Figure 2** highlights that when it comes to total household waste, North Warwickshire has seen the largest decrease this year. Warwick remains the authority with the lowest total waste per head of population.
- (e) **Figure 3** illustrates the split between recycling, composting and residual per head of population. The division between those authorities operating alternate-week collections can be observed by the smaller residual waste bar and relatively larger recycling and composting bars.

2.4 Municipal Waste, Landfill Allowance Trading Scheme (LATS)

With regard to **Appendix D**, the main points are:

- (a) Municipal waste decreased by 3% from 2009/10 to 2010/11.
- (b) There was a 27% diversion/reduction in biodegradable municipal waste (BMW) away from landfill, reducing the amount landfilled to 56,093 tonnes. The allocation for 2010/11 excluding surpluses carried forward from previous years was 100,862 tonnes.
- (c) 2010/11 was the first year that WCC sold any LATS. 10,000 were sold at 18p each.
- (d) Total waste landfilled reduced by 26%.

3. Financial Implications

None.

Enquiries: about this report should be made to:
Laura Vesty or Kitran Eastman – Waste Management Team
T: 01926 418064
E: lauravesty@warwickshire.gov.uk or kitraneastman@warwickshire.gov.uk

Report Author: Laura Vesty
Head of Service: Louise Wall
Strategic Director: Monica Fogarty

Appendix A of Agenda No 5

Warwickshire Waste Partnership
27 September 2011

Waste Statistics for 2010/11

Table 1 – Household Waste Summary Figures

Household Waste (tonnes)	2008-9		2009-10		2010-11	
	Tonnes	%	Tonnes	%	Tonnes	%
Recycling (BVPI 82a)	59,144	21.5%	63,871	23.8%	61,848	23.4%
Composting (BVPI 82b)	59,705	21.7%	65,116	24.3%	67,835	25.7%
Total Re-use, Recycling, Composting (NI 192)	118,908	43.2%	129,336	48.1%	129,733	49.2%
Energy Recovery (BVPI 82c)	19,249	7.0%	27,247	10.1%	48,447	18.4%
Landfill (BVPI 82d)	137,008	49.8%	112,174	41.8%	85,631	32.5%
Total Household Waste	275,105		268,458		263,859	
Population	526,700		526,700		535,100	
Total hh waste per head (kg)	522.32		509.70		493.10	
Residual hh waste (waste not recycled or composted) per head (kg)	296.67		264.71		250.57	

Figure 1 – Household waste broken down by treatment method

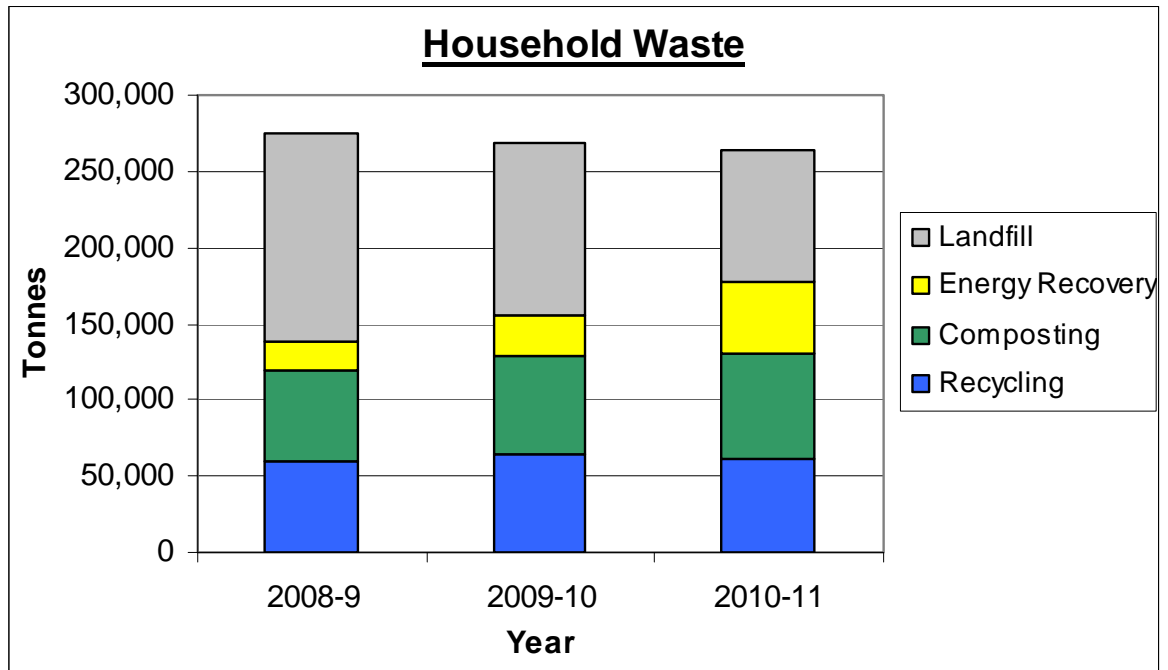


Figure 2 – Household waste per head

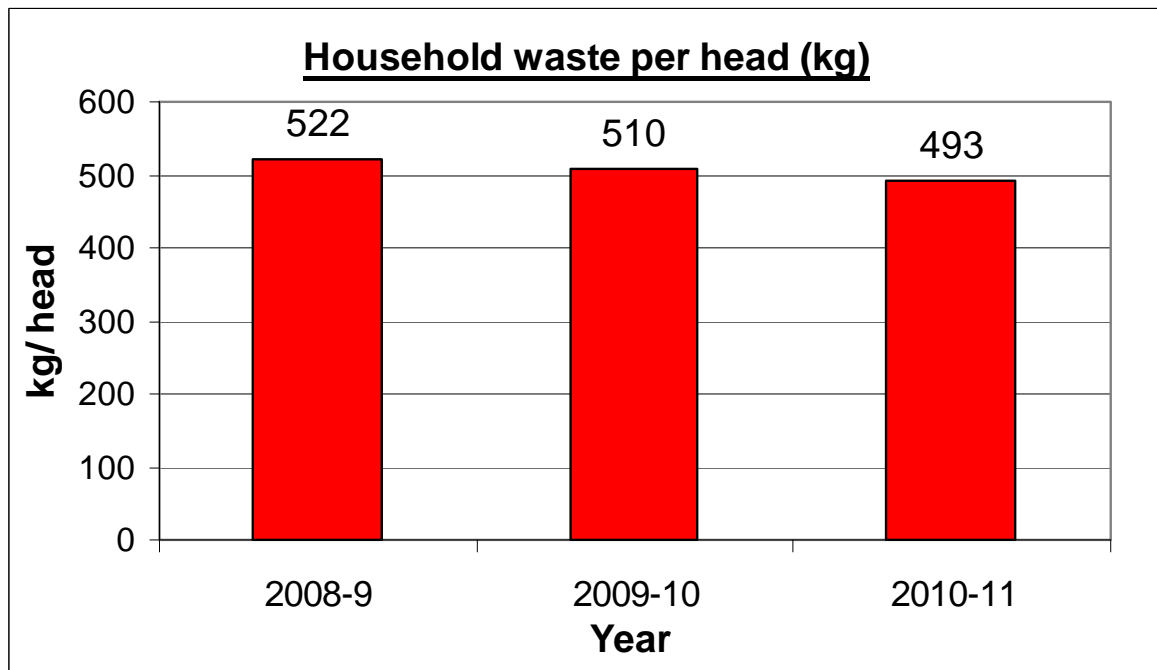


Table 2 – Municipal Waste Summary Figures

Municipal Waste	Municipal Waste	2008-9		2009-10		2010-11	
		Tonnes	%	Tonnes	%	Tonnes	%
	Total Re-use, Recycling, Composting	121,891	41.1%	131,956	45.2%	132,415	46.8%
Energy Recovery	21,523	7.3%	31,101	10.6%	54,666	19.3%	
Landfill (N1193)	153,033	51.6%	129,006	44.2%	95,713	33.8%	
Total Municipal Waste	296,447		292,062		282,794		
Population	526,700		526,700		535,100		
Total waste per head (kg)	562.84		554.51		528.49		
Residual waste (waste not recycled or composted) per head (kg)	331.41		303.98		281.03		

Figure 3 – Municipal waste by treatment method

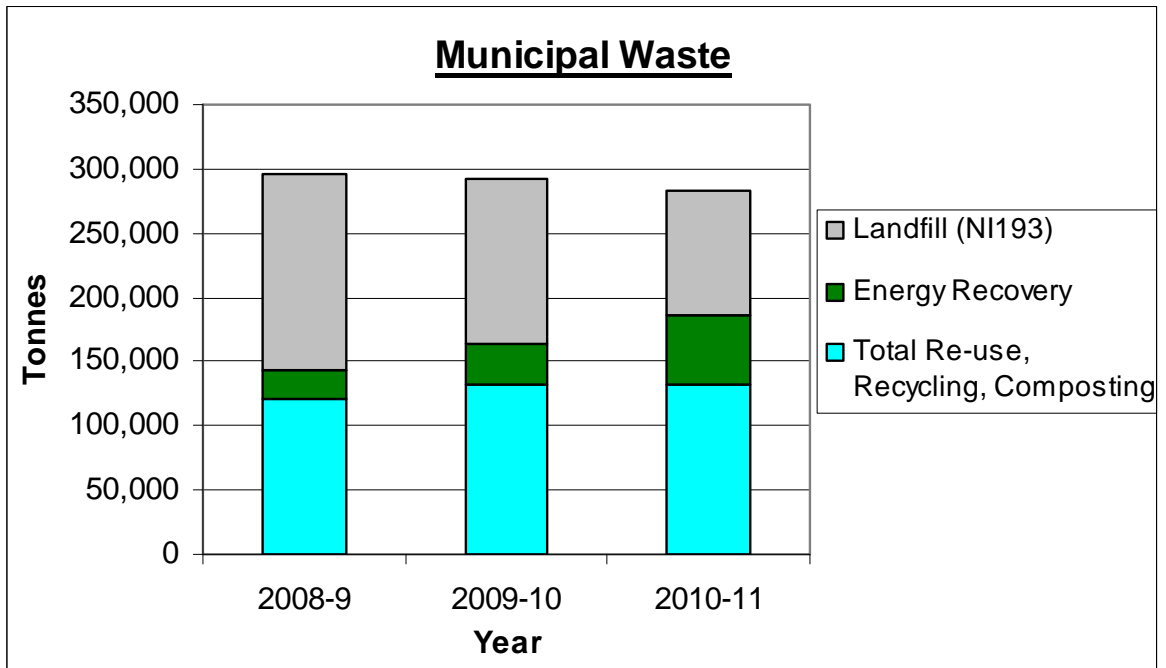
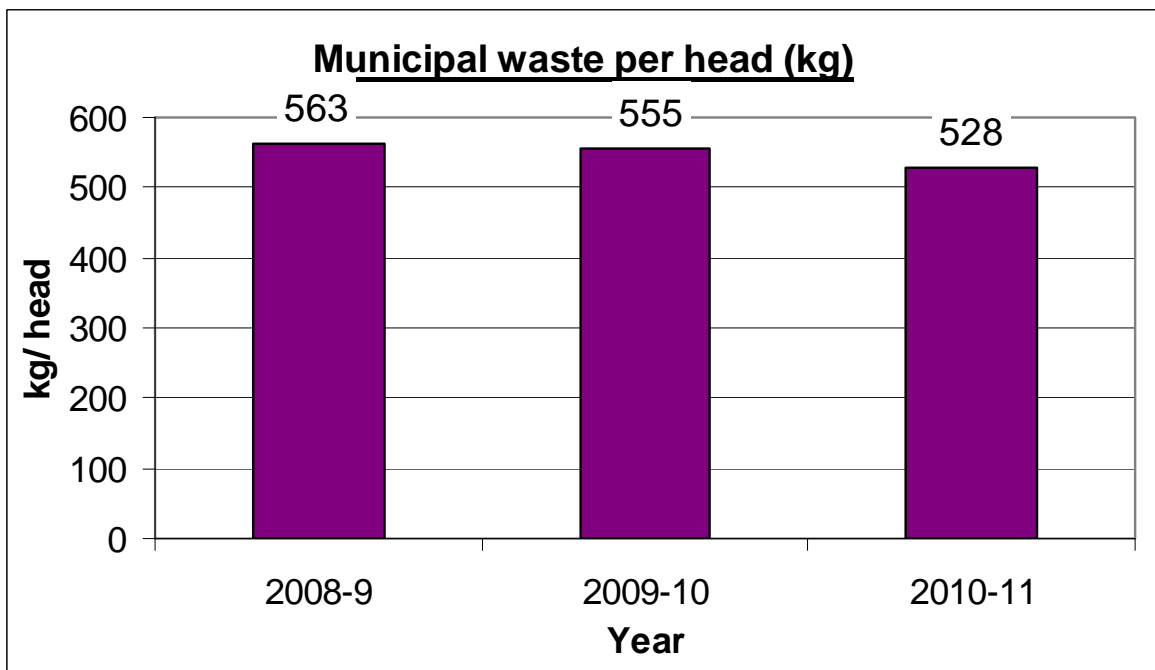


Figure 4 – Municipal waste per head



**Warwickshire Waste Partnership Forum
27 September 2011**

Waste Statistics for 2010/11

NI192 - Percentage, Recycling, Re-use and Composting

Comparisons with Other Shire Counties

		2010/11	2009/10	2008/09	Change 09/10
		%	%	%	to 10/11 %
	Authority				points
1	Devon County Council	54.77	52.62	51.61	2.15
2	Oxfordshire County Council	54.41	47.75	43.05	6.66
3	Cambridgeshire County Council	54.21	51.69	51.99	2.52
4	Leicestershire County Council	54.02	52.64	52.00	1.38
5	Suffolk County Council	53.78	50.62	48.40	3.16
6	Staffordshire County Council	52.97	48.06	45.56	4.91
7	Lincolnshire County Council	52.94	51.26	50.75	1.68
8	Dorset County Council	52.85	49.59	48.14	3.26
9	Somerset County Council	50.88	48.69	49.15	2.19
10	Essex County Council	49.88	46.03	43.51	3.85
11	Warwickshire County Council	49.15	48.10	43.20	1.05
12	Hertfordshire County Council	48.46	46.40	43.99	2.06
13	Surrey County Council	46.4	45.71	40.92	0.69
14	Gloucestershire County Council	46.19	41.63	42.01	4.56
15	Lancashire County Council	46.08	44.95	43.21	1.13
16	Cumbria County Council	45.55	43.85	43.11	1.7
17	North Yorkshire County Council	45.1	44.25	43.16	0.85
18	Buckinghamshire County Council	45.07	44.54	43.66	0.53
19	Norfolk County Council	44.96	43.48	43.07	1.48
20	West Sussex County Council	44.03	42.89	39.93	1.14
21	Nottinghamshire County Council	43.36	42.59	41.59	0.77
22	Northamptonshire County Council	43.16	45.40	46.04	-2.24
23	Worcestershire County Council	42.77	41.75	42.56	1.02
24	Derbyshire County Council	42.09	42.08	41.34	0.01
25	Kent County Council	38.97	38.35	38.65	0.62
26	Hampshire County Council	39.7	40.66	41.19	-0.96
27	East Sussex County Council	38.31	36.76	35.36	1.55

NI192 - Percentage, Recycling, Re-use and Composting

Comparisons with Other Disposal Authorities – Shire and Unitary

Please note this report contains only those Authorities with data in WDF for 2010-11 at the time of creating the report.

	Authority	2010/11
		%
1	Bournemouth Borough Council	63.92%
2	Rutland County Council	56.84%
3	Devon County Council	54.77%
4	Oxfordshire County Council	54.41%
5	Cambridgeshire County Council	54.21%
6	Leicestershire County Council	54.02%
7	Suffolk County Council	53.78%
8	Staffordshire County Council	52.97%
9	Lincolnshire County Council	52.94%
10	Dorset County Council	52.85%
11	Shropshire	52.55%
12	Milton Keynes Council	51.95%
13	North Lincolnshire Council	51.76%
14	Central Bedfordshire	51.60%
15	North Somerset Council	51.15%
16	Bexley LB	50.97%
17	Somerset County Council	50.88%
18	Swindon Borough Council	49.96%
19	Essex County Council	49.88%
20	Warwickshire County Council	49.15%
21	Cheshire East	49.01%
22	Kingston-upon-Hull City Council	48.93%
23	Walsall MBC	48.68%
24	Hertfordshire County Council	48.46%
25	Cheshire West and Chester	48.09%
26	Derby City Council	47.52%
27	Royal Borough of Kingston upon Thames	47.40%
28	Surrey County Council	46.40%
29	Gloucestershire County Council	46.19%
30	Lancashire County Council	46.08%
31	Bath and North East Somerset Council	45.95%
32	Cumbria County Council	45.55%
33	North Yorkshire County Council	45.10%
34	Southend-on-Sea Borough Council	45.07%
35	Buckinghamshire County Council	45.07%
36	York City Council	45.06%
37	South Gloucestershire Council	45.05%
38	Norfolk County Council	44.96%
39	Blackburn with Darwen Borough Council	44.90%
40	Thurrock Council	44.52%
41	Peterborough City Council	44.51%

42	Solihull MBC	44.39%
43	Bromley LB	44.28%
44	West Sussex County Council	44.03%
45	Telford and Wrekin Council	43.68%
46	Nottinghamshire County Council	43.36%
47	Warrington Borough Council	43.28%
48	Northamptonshire County Council	43.16%
49	Worcestershire County Council	42.77%
50	Derbyshire County Council	42.09%
51	West Berkshire District Council	41.98%
52	Darlington Borough Council	41.89%
53	Rotherham MBC	41.85%
54	Wiltshire	41.75%
55	Doncaster MBC	41.66%
56	East Riding of Yorkshire Council	41.56%
57	Redcar and Cleveland Borough Council	41.46%
58	Wokingham Council	41.13%
59	Calderdale MBC	41.07%
60	Hartlepool Borough Council	40.94%
61	Leicester City Council	40.48%
62	Bracknell Forest Borough Council	40.18%
63	Wakefield City MDC	39.90%
64	Herefordshire Council	39.82%
65	Poole Borough Council	39.73%
66	Hampshire County Council	39.70%
67	Torbay Council	39.51%

**Warwickshire Waste Partnership
27 September 2011**

Waste Statistics for 2010/11

Table 1 - Authority Provisional Performance – Household waste

	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
Population	62,200	61,900	121,200	122,000	91,000	93,300	117,800	118,900	134,600	139,000	526,700	535,100
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	8,111 tonnes 27%	8,456 tonnes 31%	17,663 tonnes 34%	16,929 tonnes 32.7%	20,319 tonnes 51%	20,598 tonnes 51%	30,758 tonnes 59%	32,076 tonnes 59%	24,395 tonnes 49%	24,559 tonnes 49%	28,090 tonnes 61.8%	27,115 tonnes 66.6%
Residual	21,945 tonnes 353kg/head	18,556 tonnes 300kg/head	33,896 tonnes 280kg/head	34,866 tonnes 286kg/head	19,529 tonnes 215kg/head	19,743 tonnes 212kg/head	21,711 tonnes 184kg/head	22,005 tonnes 185kg/head	25,092 tonnes 186kg/head	25,486 tonnes 183kg/head	17,358 tonnes	13,569 tonnes
Total	30,056 tonnes 483kg/head	27,012 tonnes 436kg/head	51,551 tonnes 425kg/head	51,795 tonnes 425kg/head	39,814 tonnes 438kg/head	40,336 tonnes 432kg/head	52,468 tonnes 445kg/head	54,069 tonnes 455kg/head	49,486 tonnes 368kg/head	50,046 tonnes 360kg/head	45,083 tonnes	40,700 tonnes

Note: All figures are household and from WDF. WCC proportion is allocated simply here, using the total waste minus all collection authority waste.
Figure 1 – Residual household waste per head of population

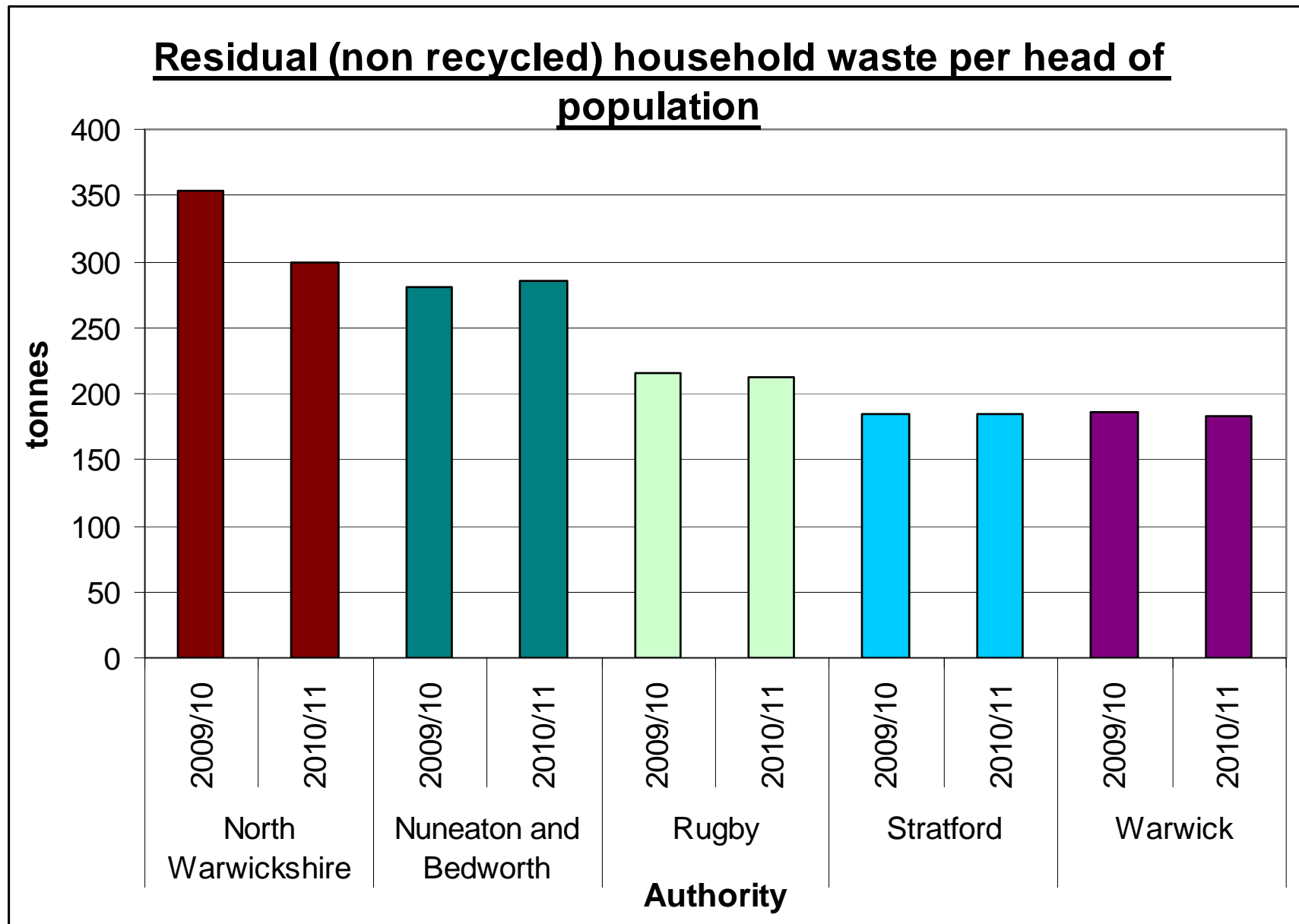


Figure 2 – Total household waste per head of population

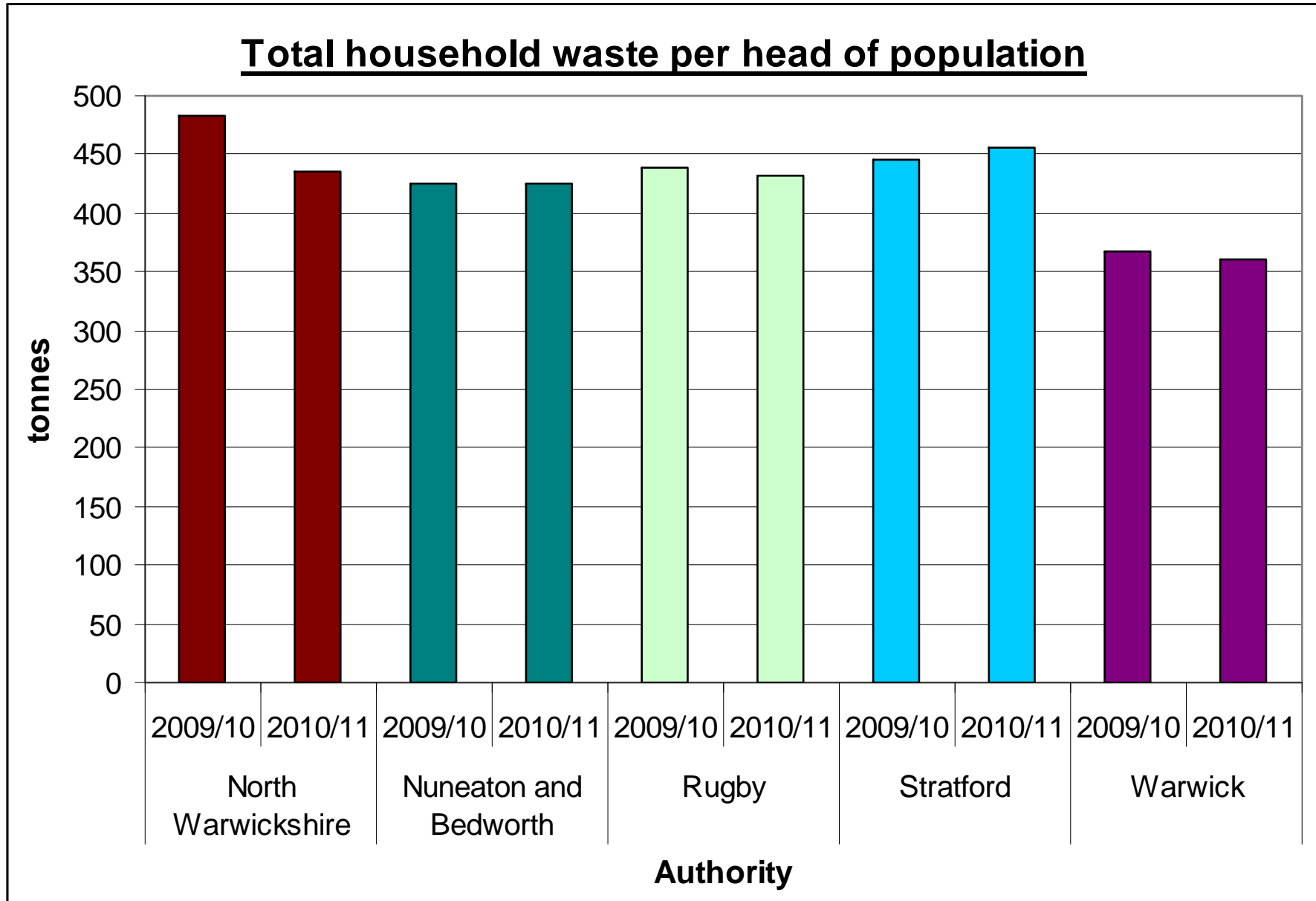
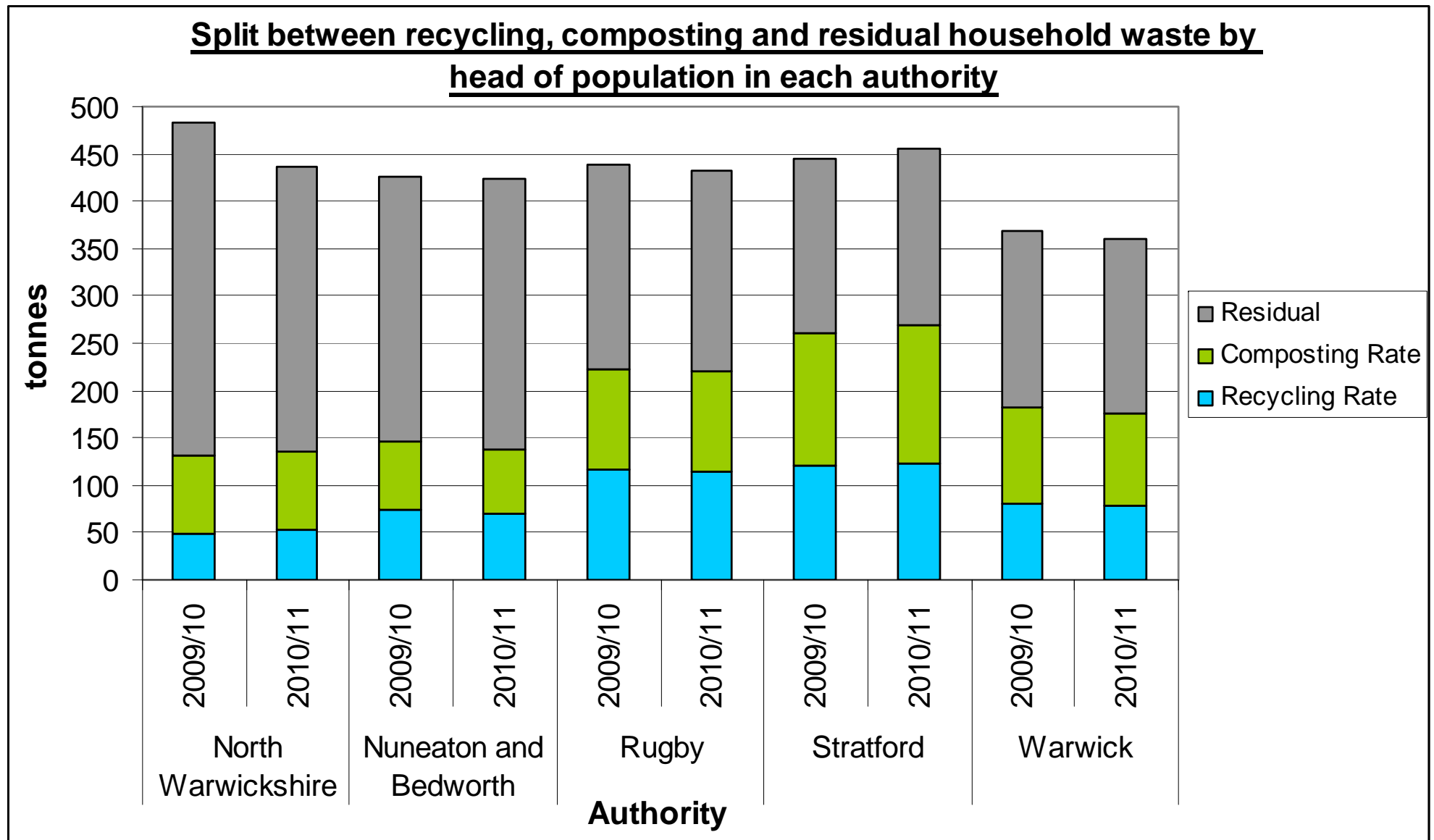


Figure 3 – Split between recycling, composting and residual household waste by head of population in each authority



**Warwickshire Waste Partnership
27 September 2011**

Waste Statistics for 2010/11

Municipal Waste

	2008/09	2009/10	2010/11	% Change 2009/10 to 2010/11
By source/type				
Household – tonnes	275,226	268,458	263,859	-1.7%
Commercial – tonnes	10,043	14,711	5,627	
Asbestos – tonnes	69	69.8	74.6	+6.9%
Soil, rubble – tonnes	10,168	8,823	13,233	+33%
Other	941			
Total – tonnes	296,447	292,062	282,794	-3%
By destination (from WasteDataflow)				
Recycled or composted	121,891	129,336 (hh)	129,773 (hh)	
Incinerated/ RDF	21,423	27,247 (hh)	48,447 (hh)	
Landfilled	153,033	129,006	95,713	-26%
Total tonnes	296,447	292,062	282,794	-3%
Biodegradable municipal waste landfilled	95,107	77,084	56,093 (+sold 10,000)	-27% (-14%)