

Committee: ENVIRONMENT COMMITTEE

Agenda Item

Date: June 19, 2007

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Title: RECYCLING UPDATE 3

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510580

Item for decision

Summary

- 1 This report summarises the Recycling Project and updates members on its progress and performance. It notes the work of the member/officer Waste Project Team.

Recommendations

- 2 That the progress report on the recycling scheme is noted.

Background Papers

- 3 The following papers were referred to by the author in the preparation of this report.
 - (i) Uttlesford Waste Strategy.
 - (ii) Indecon Waste Consultants presentation to Members 21 July 2005
 - (iii) Report to Extraordinary Strategy Environment Committee – 28 November 2005

Impact

4

Communication/Consultation	A customer survey was completed in April, the results are attached. Further development of the web page is ongoing. An updated Guide to Recycling is anticipated for the end of year. Recycling promotion in schools, local organisations and at road shows is ongoing. A recycling workshop/training session will be delivered for new Members and those that would like a refresher.
Community Safety	No impact resulting from this update report.
Equalities	No impact resulting from this update report.
Finance	No impact resulting from this update report.

Human Rights	No impact resulting from this update report.
Legal implications	No impact resulting from this update report.
Ward-specific impacts	No impact resulting from this update report.
Workforce/Workplace	No impact resulting from this update report.

Situation

- 5 The Waste Strategy was approved by Council on 13 December 2005. A key part of this strategy was to introduce a three bin recycling scheme to meet 4 aims; to improve recycling performance, to minimise waste sent to landfill, to minimise landfill penalties and maximise recycling credits.
- 6 The above approach is targeted to deliver best environmental and economic solution currently available.
- 7 Completion of the rollout to most domestic properties was concluded in October 2006. The work with flats, community premises and schools continues through 2007.
- 8 The Member/officer Waste Project Team advise, oversee and challenge the implementation of Uttlesford's Recycling Strategy and the Essex Waste Partnership. They will also undertake the review of Street Cleansing.
- 9 A customer survey of 3000 households was completed in April 2007. 1244 surveys were returned by the appointed date. The survey was completed prior to the extended range of material being added to the dry recycling bin which many of the respondents ask to be collected.
- 10 To summarise the survey, 69% say they are very satisfied or fairly satisfied with the service overall. 13% say they are very dissatisfied or fairly dissatisfied. 60% say they recycle more since the introduction of the system and 45% say they send less to landfill.

Targets

- 11 The model that this scheme is based upon predicted an annual 48% recycling rate, the data tracking progress towards this aim is attached. The published figures for Essex are also attached for 2006/7, along with the table that ranks the 12 district councils. 42.82% recycling rate was achieved in the year of rollout, we expect the full year effect to be in excess of 50%.
- 12 Members have been provided with monthly updates of performance since the rollout commenced, graphical data is attached to this report tracking that performance.

Pay-Offs/Penalties

- 13 Modelling of the scheme shows a diversion from the council tax payer incurring £3,500,000 of Landfill Allowance Tax penalties by 2010.
- 14 The scheme is not only the best economic solution it is also the best environmental solution currently available. The diversion of bio-degradable waste from landfill will make a significant reduction in production of methane.
- 15 The new scheme will allow more households in the district to participate in recycling and allow a greater volume of our waste to be recycled. The diversion from landfill will extend the life of the landfill sites.
- 16 The costs of the service are still subject to final checks during closedown of 2006/7 accounts

	Budget £000	Actuals £000
Direct Budgets	1,457	1,490
Internal Charges	816	705
Total cost of service	2,273	2,195

Risk Analysis

- 17 There are no risks associated with this update report.

Uttlesford District Council Three Bin recycling feedback survey.

April 2007

Background

Uttlesford District Council introduced a three bin waste and recycling system in 2006/07.

Waste Type	Size of Bin	Colour	Collection frequency	Materials	Policy
Dry recycling	240 litres	Green Lid	Fortnightly	Plastics, Paper, Card, Cans, Foil	Excess waste collected from beside bin in carrier bags or boxes. Extra bin provided on request.
Non-recyclables	180 litres	Black lid	Fortnightly	Residual waste	No excess waste collected from beside bin. Extra bin can be applied for but only granted to those who meet criteria.
Wet recycling	140 litres	Brown Lid	Weekly	All kitchen waste including meat, cooked food and dairy products.	Paper, card or vegetable starch bags can be used to wrap food. Separated food waste not in the bin is not collected.

The district was split into six separate phases for the purpose of rolling out the scheme. By the first week of November 2006 the whole of the district was served by the new system.

Before the bins were delivered all households were sent a questionnaire asking if they would have a problem with the new system. Those that returned the questionnaire were contacted or visited by the recycling team to agree a solution.

Households not able to accommodate the bins have an alternate weekly collection of dry recycling in boxes and non-recyclables in black bags. Disabled residents are offered an assisted collection.

Approximately 26,000 households out of the 30,600 in the district have all three bins. Other households include those exempt, those who only have one or two of the bins and those that share bins with neighbours.

Methodology

The survey was designed to gain a capture of residents' views on the new system. The questions related to the implementation process, the bin delivery, the information provided and their overall view of the scheme. The questions were multiple choice with space for comments.

The survey consisted of 14 questions related to the three bin survey and then optional questions about the householder's situation.

The survey was posted to 3000 residents. 500 addresses were selected at random from each phase area using a database of all properties. Exempt properties and those with assisted collections were included in the list.

A business reply envelope was provided for residents to send the questionnaire back free of charge. A prize of a cotton shopping bag was offered to the first 100 surveys returned to encourage a good response. Residents were requested to return the questionnaire by 15th April 2007.

Approximately 1200 surveys were returned giving a response rate of about 40%.

The responses, including comments were recorded in an Access database. The results for each question were then transferred into an Excel spreadsheet for analysis.

Results

Full results of the three bin survey are shown in table 1 below. The table provides a breakdown of all the relevant questions and the various responses. Question 10 is not included as it was only needed for people to request information about assisted collections. A list of those who wanted this will be produced and individuals contacted separately to make arrangements.

To summarise, 69% say they are very satisfied or fairly satisfied with the service overall. 13% say they are very dissatisfied or fairly dissatisfied. 60% say they recycle more since the introduction of the system and 45% say they send less to landfill.

The total number of surveys returned was 1244.

Table 1 – Summary of results from three bin survey April 2007

Survey Questions	Answer Choices	Result	Percentage
Section One - Before			
1. Did you recycle before the three bin scheme was introduced?	Yes	1065	85.6%
	No	153	12.3%
	NA	17	1.4%
	<i>No Response</i>	9	0.7%
2. Did you apply for an exemption or assisted collection before the introduction of three bin recycling?	Yes	118	9.5%
	No	1025	82.4%
	NA	85	6.8%
	<i>No Response</i>	16	1.3%
3. If you applied for exemption or assisted collection from three bin recycling how satisfied were you with the way your application was handled?	Very satisfied	56	4.5%
	Fairly satisfied	40	3.2%
	Neither satisfied nor dissatisfied	15	1.2%
	Fairly dissatisfied	13	1.0%
	Very dissatisfied	26	2.1%
	Don't know/not applicable	639	51.4%
	<i>No Response</i>	455	36.6%
4. If you received a visit from our recycling team how satisfied were you with the solution that they suggested to you?	Very satisfied	47	3.8%
	Fairly satisfied	33	2.7%
	Neither satisfied nor dissatisfied	22	1.8%
	Fairly dissatisfied	11	0.9%
	Very dissatisfied	17	1.4%
	Don't know/not applicable	697	56.0%
	<i>No Response</i>	417	33.5%

Section Two - During			
5. Overall, how satisfied were you with the way the three bin recycling bins were introduced?	Very satisfied	279	22.4%
	Fairly satisfied	438	35.2%
	Neither satisfied nor dissatisfied	246	19.8%
	Fairly dissatisfied	96	7.7%
	Very dissatisfied	102	8.2%
	Don't know/not applicable	51	4.1%
	<i>No Response</i>	32	2.6%
6. Overall, how satisfied were you with the information provided when the bins were delivered to your home?	Very satisfied	362	29.1%
	Fairly satisfied	504	40.5%
	Neither satisfied nor dissatisfied	138	11.1%
	Fairly dissatisfied	68	5.5%
	Very dissatisfied	78	6.3%
	Don't know/not applicable	59	4.7%
	<i>No Response</i>	35	2.8%
Section Three - After			
7. How does the amount you recycle now compare to before three bin recycling was introduced?	More	745	59.9%
	Same	400	32.2%
	Less	52	4.2%
	Don't Know	24	1.9%
	<i>No Response</i>	23	1.8%
8. How does the amount of non-recyclable waste (black bin) you throw away now compare to before three bin recycling was introduced?	More	92	7.4%
	Same	532	42.8%
	Less	554	44.5%
	Don't Know	39	3.1%
	<i>No Response</i>	27	2.2%
9. How easy do you find three bin recycling to use?	Very easy	369	29.7%
	Easy	437	35.1%
	Neither easy nor hard	245	19.7%
	Hard	81	6.5%
	Very Hard	33	2.7%
	Don't Know	37	3.0%
	<i>No Response</i>	42	3.4%
11. Overall how satisfied are you with the three bin recycling system?	Very satisfied	314	25.2%
	Fairly satisfied	541	43.5%
	Neither satisfied nor dissatisfied	134	10.8%
	Fairly dissatisfied	98	7.9%
	Very dissatisfied	65	5.2%
	Don't know/not applicable	37	3.0%
	<i>No Response</i>	55	4.4%

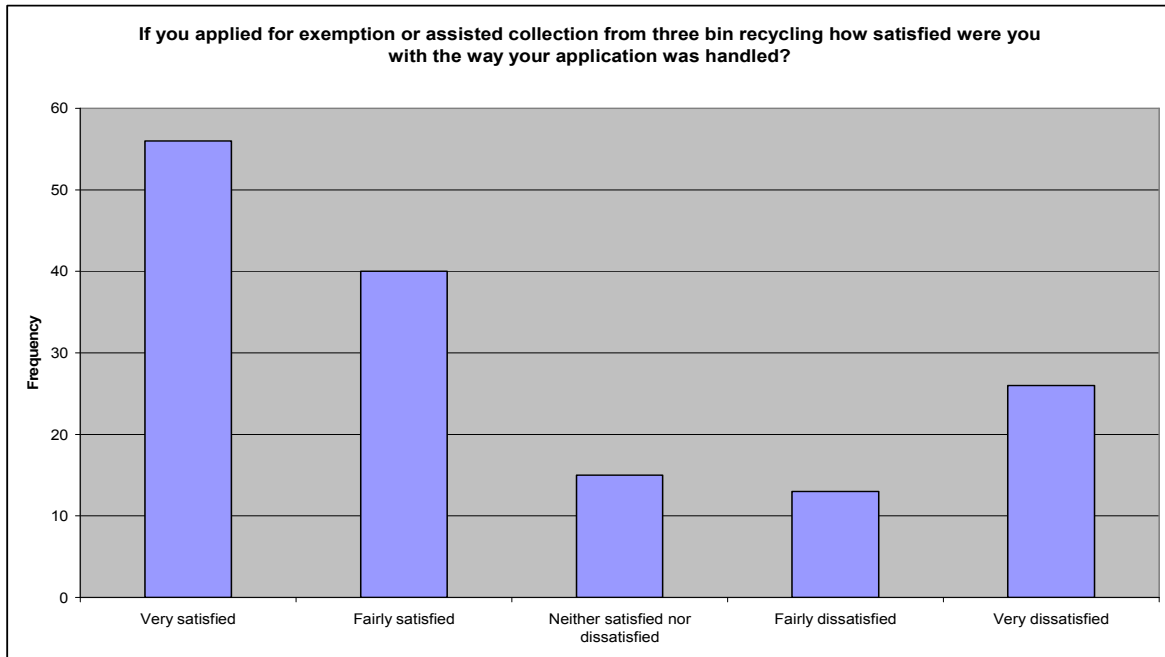
Section Four - About Your Household			
12. Do you compost at home?	Yes	593	47.7%
	No/No response	651	52.3%
13. Do you recycle glass?	Always	1052	84.6%
	Sometimes	135	10.9%
	Never	39	3.1%
	<i>No Response</i>	18	1.4%
14. Do you recycle textiles?	Always	463	37.2%
	Sometimes	588	47.3%
	Never	173	13.9%
	<i>No Response</i>	20	1.6%
15. How many people are there in your household (including children)?	One	209	16.8%
	Two	503	40.4%
	Three	175	14.1%
	Four	228	18.3%
	Five	77	6.2%
	Six	15	1.2%
	More	1	0.1%
	<i>No Response</i>	36	2.9%
Supplementary Information – About yourself (optional)			
S1. Are you male or female?	Male	569	45.7%
	Female	411	33.0%
	<i>No Response</i>	264	21.2%
S2. What was your age on your last birthday?	Under 30	30	2.4%
	30-39	142	11.4%
	40-49	215	17.3%
	50-59	176	14.1%
	60-69	173	13.9%
	70+	193	15.5%
	<i>No Response</i>	315	25.3%
S3. How long have you/your household been living at your current address?	Under 1 year	71	5.7%
	1-2 years	83	6.7%
	3-5 years	146	11.7%
	6-10 years	164	13.2%
	11-20 years	221	17.8%
	21+ years	294	23.6%
	Don't know/can't remember	3	0.2%
	<i>No Response</i>	262	21.1%
S4. How long have you/your household been living in Uttlesford?	Under 1 year	46	3.7%
	1-2 years	45	3.6%
	3-5 years	86	6.9%
	6-10 years	128	10.3%
	11-20 years	204	16.4%
	21+ years	470	37.8%
	Don't know/can't remember	2	0.2%
	<i>No Response</i>	263	21.1%

S5. Is your property?	Owned outright	415	33.4%
	Bought on a mortgage	394	31.7%
	Rented from council	74	5.9%
	Rented from an Housing Association/Trust	20	1.6%
	Rented from a private landlord	50	4.0%
	Other	14	1.1%
	<i>No Response</i>	277	22.3%
	S6. How many adults aged 18 or over are living here including yourself?	One	209
Two		606	48.7%
Three		97	7.8%
Four		33	2.7%
Five		5	0.4%
More		0	0.0%
<i>No Response</i>		294	23.6%
S7. Which of these activities best describes what you are doing at present?		Employee in full time job	309
	Employee in part time job	156	12.5%
	Self employed	76	6.1%
	Full time education	5	0.4%
	Unemployed and available for work	3	0.2%
	Permanently sick/disabled	22	1.8%
	Wholly retired from work	280	22.5%
	Looking after the home	100	8.0%
	Other	4	0.3%
	<i>No Response</i>	289	23.2%
	S8. Do you have any long-standing illness, disability or infirmity?	Yes	200
No/No response		1044	83.9%
S9. Does this illness or disability limit your activities in any way?	Yes	182	14.6%
	No/No response	1062	85.4%
S10. To which of these groups do you consider you belong to?	White British	917	73.7%
	White Irish	7	0.6%
	Other White	16	1.3%
	Bangladeshi	1	0.1%
	Other Asian	1	0.1%
	Mixed White and Asian	2	0.2%
	Chinese	1	0.1%
	<i>No Response</i>	299	24.0%

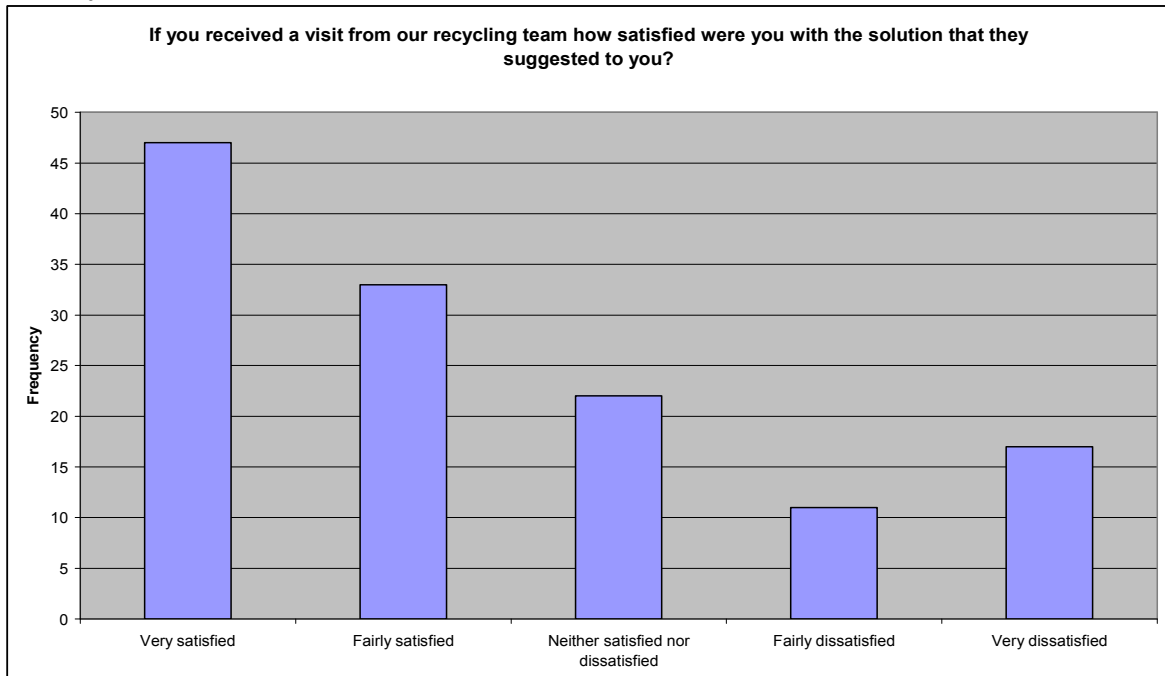
There were also several comments that were made by more than one respondent. The most common was that the brown bins were too big, this was said on 111 separate surveys (9%). Other popular comments were requests for a collection of glass and garden waste. 56 people (5%) gave positive comments about how good or easy to use they think the system is.

Many people also said that they would like more plastics to be recycled. Since sending out the survey Uttlesford District Council have started taking the majority of plastics for recycling which has been a very popular development.

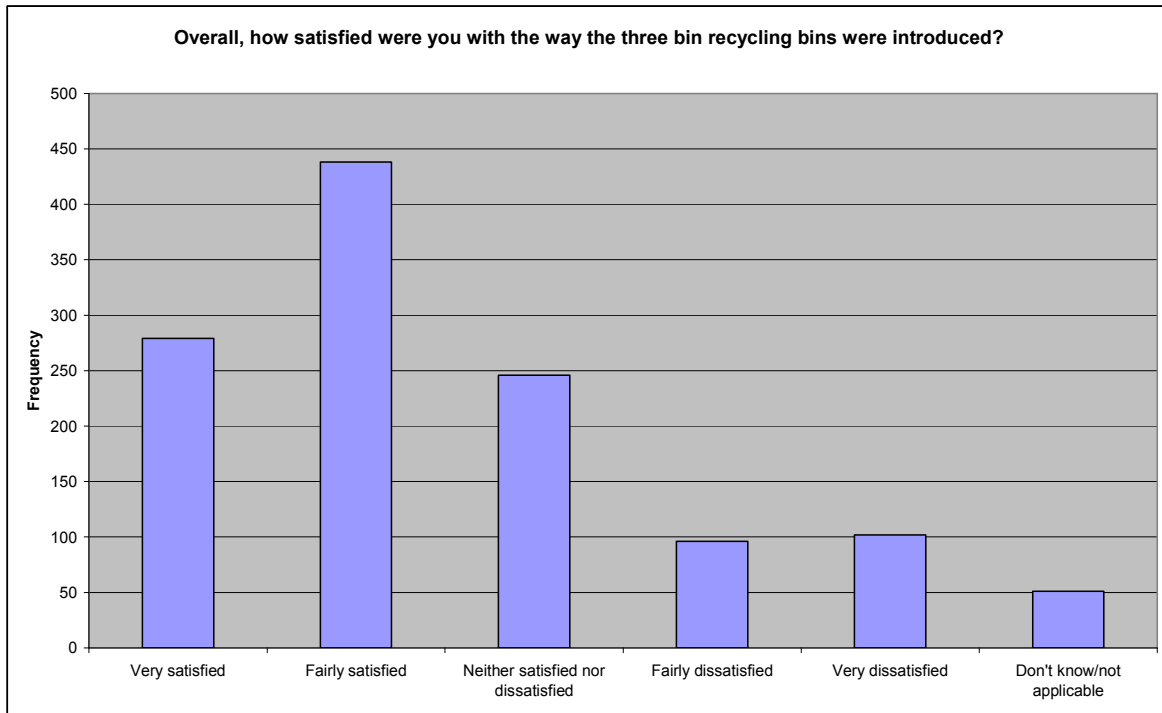
The following bar charts show some of the information from table one in clearer form for comparisons.



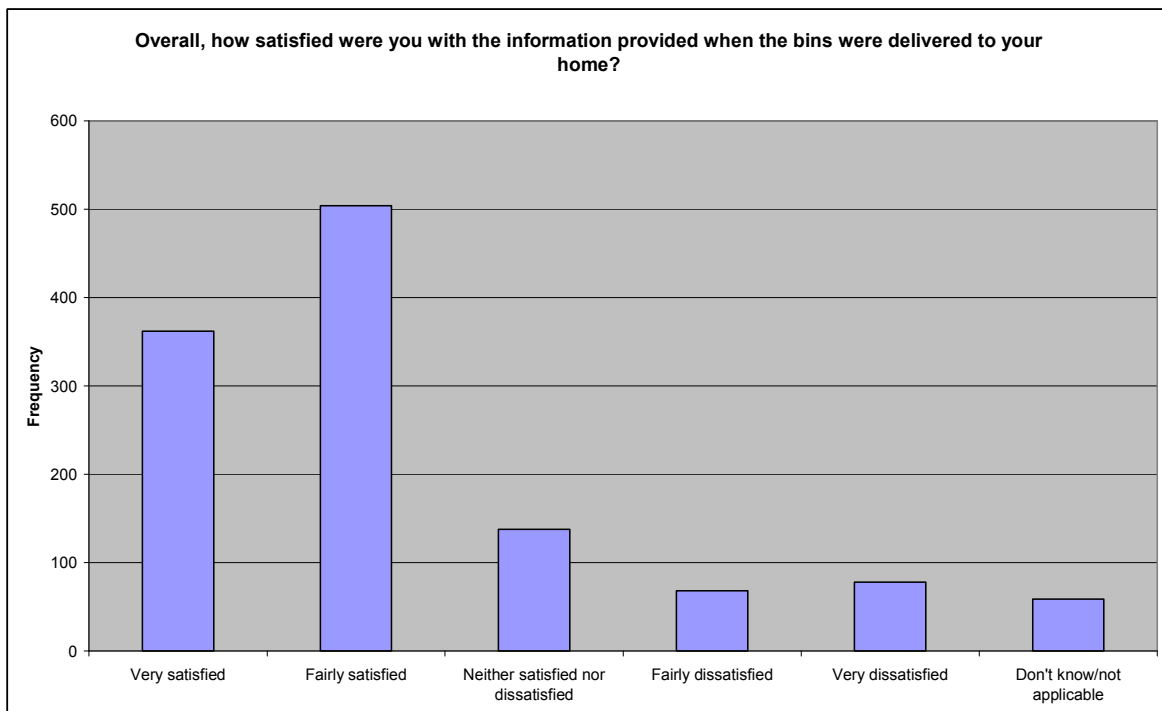
180 people said that they had applied for an exemption to the scheme or an assisted collection. 150 responded to question 3 with an answer other than “Don’t know/not applicable”. Of these 150, 64% said they were either “very satisfied” or “fairly satisfied” with the way the application had been handled.



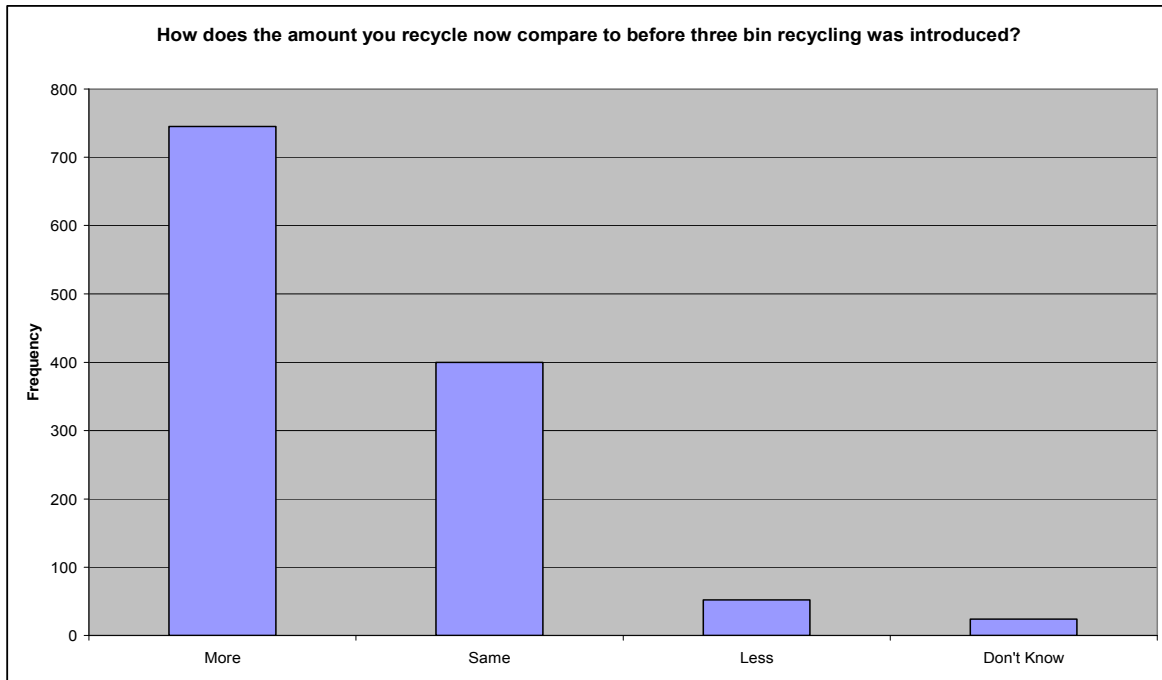
130 people gave an answer to question 4 other than “don’t know/not applicable”. 62% of these said they were either “very satisfied” or “fairly satisfied” with the visit that they received.



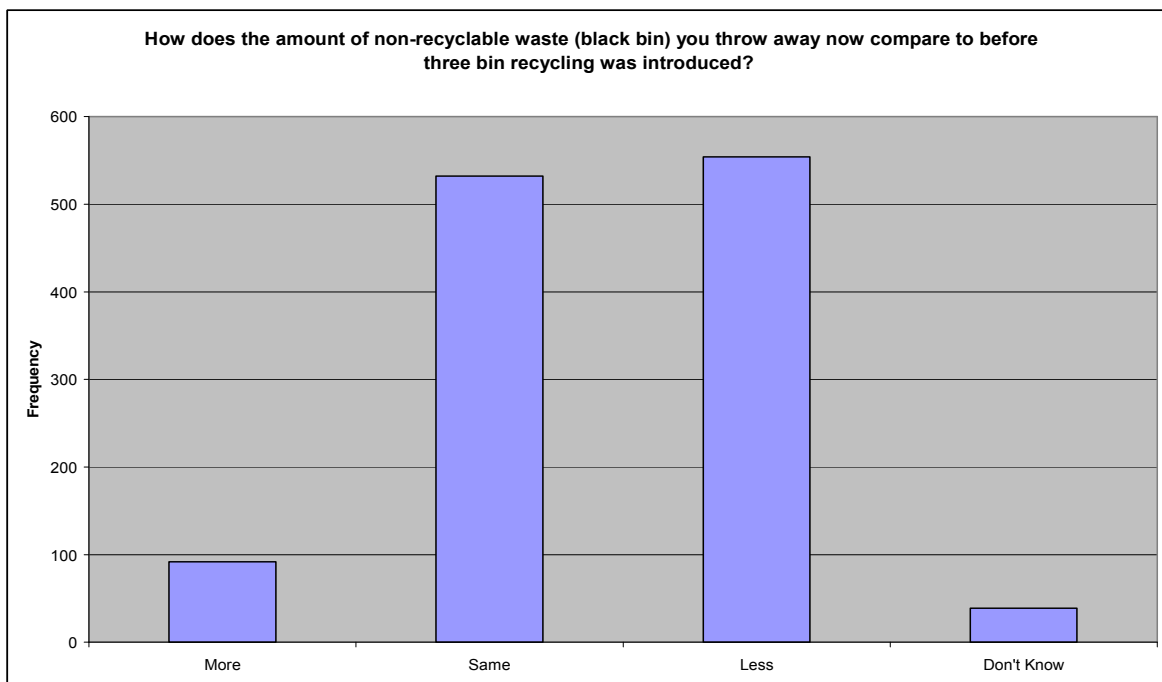
58% of people expressed satisfaction with the way the three bin system was introduced. 16% were dissatisfied. 27 commented that the bins had not been delivered when they should have been and that they had had to contact the council. 19 said that there had been a problem with collection immediately following the roll out.



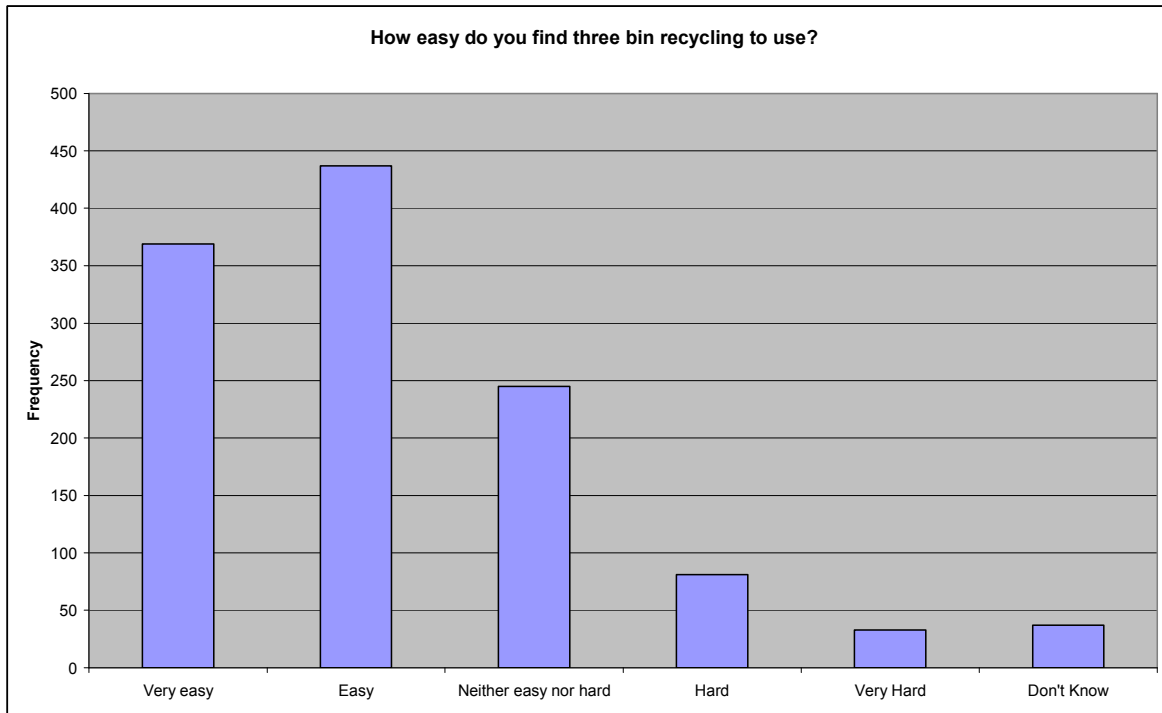
70% said that they were satisfied with the information provided with the bins. Common comments from those who were not satisfied were that there was not enough information, the information was confusing or that no information was provided. 7 people said that too much information was provided.



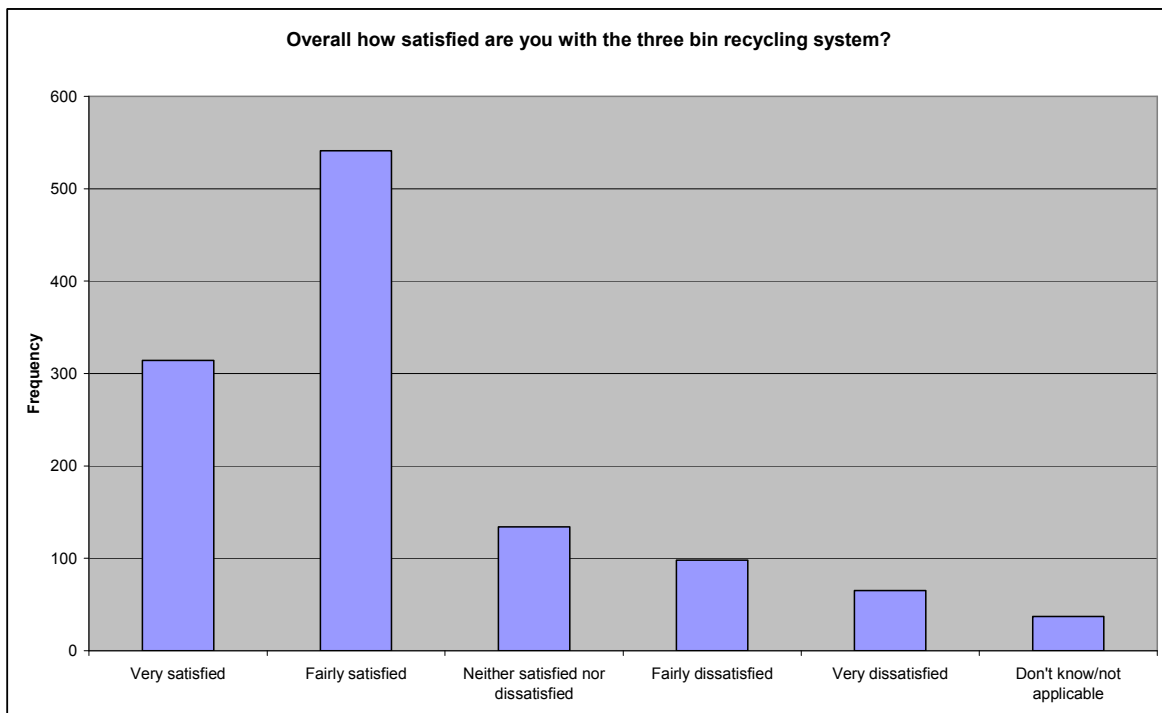
745 out of the 1244 people who returned the survey (60%) said that they felt they recycled more with the new system than they had before. Only 52 (4%) said they thought they recycled less than before. Some of these stated that they had mistakenly thought all plastics could be accepted on the green box system and therefore felt they were recycling less.



554 (45%) people said that they sent less waste to landfill since the introduction of three bin recycling. This was very close to the number that said they threw away the same amount, which was 532 (43%). Only 92 people (7%) said that they threw away more.

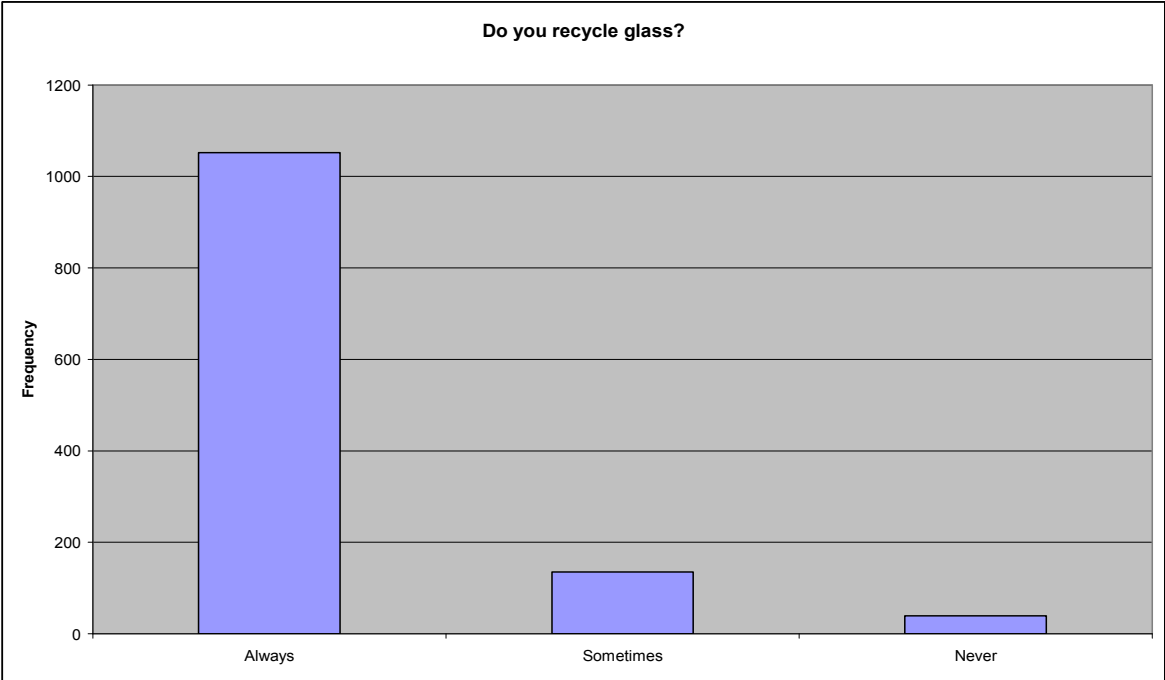


65% of people said that they find three bin recycling “easy” or “very easy”, 9% said they find it “hard” or “very hard”.

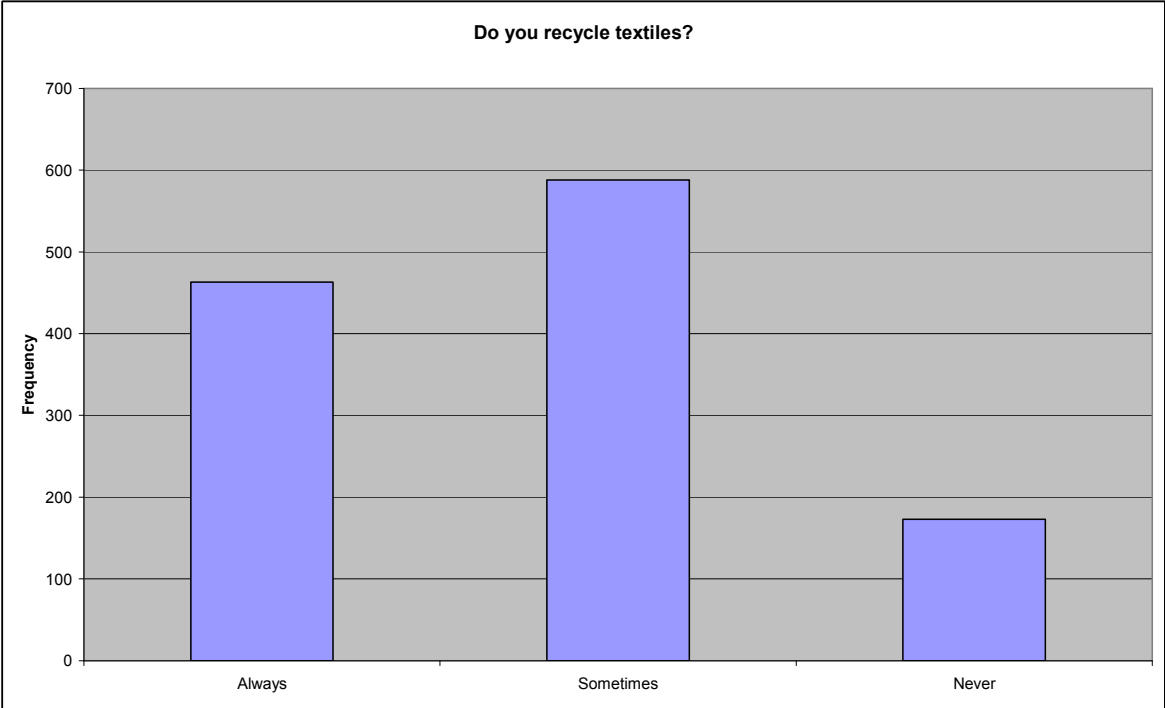


855 people (69%) said they were “very or fairly satisfied” with three bin recycling overall. This is 10% more than those satisfied with the way the bins were introduced, showing that some of the problems that were encountered initially have been solved. However 27 people did comment that they were still having problems with their collections. 163 people (13%) said that they were “very or fairly dissatisfied” with three bin recycling overall.

In question 12, 48% of those returning surveys said that they compost at home, 18 commented that they do not use the brown lidded bin at all because they compost all of their food waste.



Only 3% said that they never recycle glass, 85% said that they always do. 90 people commented that they would like a kerbside glass collection introduced. Some said that it would only need to be a monthly collection.



37% said that they always recycle textiles, this is 48% less than glass. 13.9% never recycle textiles.

BASE DATA

	landfill 05/06	Landfill 06/07	Recycling 05/06	Recycling 06/07	Composting 05/06	Composting 06/07	Total waste 05/06	Total waste 06/07	Population 05	population 06	kg per head 05/06	kg per head 06/07	Total recycling 05/06	Total recycling 06/07	Authority	Cost of collection per household		
																Cost per household 05/06	Cost per Household 06/07	Percentage increase
Basildon	59,451.87	56,548.75	12,138.00	15,487.96	5,378.70	5,867.84	76,968.57	77,904.55	166,491	167,600	462.30	464.82	17,516.70	21,355.80	Basildon	£50.81		-100.00%
Braintree	39,237.93	36,732.90	11,776.00	13,290.32	5,480.90	6,829.42	56,494.83	56,852.64	136,198	139,400	414.80	407.84	17,256.90	20,119.74	Braintree	£69.73		-100.00%
Brentwood	21,455.11	19,978.85	4,940.80	5,752.97	2,831.90	3,300.28	29,227.81	29,032.10	66,975	71,300	436.40	407.18	7,772.70	9,053.25	Brentwood	£39.48		-100.00%
Castle Point	27,171.36	26,470.52	5,587.10	5,923.92	3,000.50	3,245.96	35,758.96	35,640.40	86,794	86,900	412.00	410.13	8,587.60	9,169.88	Castle Poi	£30.17		-100.00%
Chelmsford	56,479.50	53,320.10	11,734.70	12,900.76	10,940.00	12,526.00	79,154.20	78,746.86	159,811	161,500	495.30	487.60	22,674.70	25,426.76	Chelmsford	£72.05		-100.00%
Colchester	43,871.82	43,259.90	11,783.70	11,556.81	7,074.50	7,784.30	62,730.02	62,601.01	160,681	163,800	390.40	382.18	18,858.20	19,341.11	Colchester	£51.60		-100.00%
Epping	37,376.26	31,460.59	8,056.20	12,654.58	3,681.70	5,891.50	49,114.16	50,006.67	121,299	121,900	404.90	410.23	11,737.90	18,546.08	Epping	£42.19		-100.00%
Harlow	23,041.70	23,045.95	5,318.00	5,706.85	399.50	525.50	28,759.20	29,278.30	77,497	77,300	371.10	378.76	5,717.50	6,232.35	Harlow	£55.02		-100.00%
Maldon	16,776.65	16,145.68	4,198.80	4,753.51	2,731.10	3,149.62	23,706.55	24,048.81	60,307	61,300	393.10	392.31	6,929.90	7,903.13	Maldon	£50.67		-100.00%
Rochford	28,567.03	27,538.96	4,682.90	5,121.90	179.00	591.00	33,428.93	33,251.86	79,066	79,700	422.80	417.21	4,861.90	5,712.90	Rochford	£41.96		-100.00%
Tendring	38,025.43	37,675.96	10,442.90	11,229.75	0.00	0.00	48,468.33	48,905.71	141,513	143,800	342.50	340.10	10,442.90	11,229.75	Tendring	£30.34		-100.00%
Uttlesford	23,862.07	16,516.14	7,114.50	8,707.30	1,090.50	3,660.28	32,067.07	28,883.72	70,400	71,200	455.50	405.67	8,205.00	12,367.58	Uttlesford	£45.27		-100.00%
Essex CC	51,932.74	57,744.97	45,453.01	49,070.33	33,886.48	36,825.19	131,272.23	143,640.49	1,327,031	1,345,700	98.92	106.74	79,339.49	85,895.52				

	landfill rate 05/06	landfill rate 06/07	dry recycling rate 05/06	dry recycling rate 06/07	Composting rate 05/06	Compsting rate 06/07	Total recycling rate 05/06	Total recycling rate 06/07	Landfill per head 05/06	Landfill per head 06/07	dry recycling per head 05/06	dry recycling per head 06/07	composting per head 05/06	g per head 06/07	Total recycling per head 05/06	Total recycling per head 06/07
Basildon	77.24%	72.59%	15.77%	19.88%	6.99%	7.53%	22.76%	27.41%	357.09	337.40	72.91	92.41	32.31	35.01	105.21	127.42
Braintree	69.45%	64.61%	20.84%	23.38%	9.70%	12.01%	30.55%	35.39%	288.10	263.51	86.46	95.34	40.24	48.99	126.70	144.33
Brentwood	73.41%	68.82%	16.90%	19.82%	9.69%	11.37%	26.59%	31.18%	320.35	280.21	73.77	80.69	42.28	46.29	116.05	126.97
Castle Point	75.98%	74.27%	15.62%	16.62%	8.39%	9.11%	24.02%	25.73%	313.06	304.61	64.37	68.17	34.57	37.35	98.94	105.52
Chelmsford	71.35%	67.71%	14.83%	16.38%	13.82%	15.91%	28.65%	32.29%	353.42	330.16	73.43	79.88	68.46	77.56	141.88	157.44
Colchester	69.94%	69.10%	18.78%	18.46%	11.28%	12.43%	30.06%	30.90%	273.04	264.10	73.34	70.55	44.03	47.52	117.36	118.08
Epping	76.10%	62.91%	16.40%	25.31%	7.50%	11.78%	23.90%	37.09%	308.13	258.09	66.42	103.81	30.35	48.33	96.77	152.14
Harlow	80.12%	78.71%	18.49%	19.49%	1.39%	1.79%	19.88%	21.29%	297.32	298.14	68.62	73.83	5.16	6.80	73.78	80.63
Maldon	70.77%	67.14%	17.71%	19.77%	11.52%	13.10%	29.23%	32.86%	278.19	263.39	69.62	77.55	45.29	51.38	114.91	128.93
Rochford	85.46%	82.82%	14.01%	15.40%	0.54%	1.78%	14.54%	17.18%	361.31	345.53	59.23	64.26	2.26	7.42	61.49	71.68
Tendring	78.45%	77.04%	21.55%	22.96%	0.00%	0.00%	21.55%	22.96%	268.71	262.00	73.79	78.09	0.00	0.00	73.79	78.09
Uttlesford	74.41%	57.18%	22.19%	30.15%	3.40%	12.67%	25.59%	42.82%	338.95	231.97	101.06	122.29	15.49	51.41	116.55	173.70
Essex CC	39.56%	40.20%	34.63%	34.16%	25.81%	25.64%	60.44%	59.80%	39.13	42.91	34.25	36.46	25.54	27.37	59.79	63.83

UTTLESFORD POSITION

Authority	Reduction in Landfill per head		
	Landfill per head 05/06 (kg)	Landfill per head 06/07 (kg)	Percentage reduction
Uttlesford	338.95	231.97	31.56%
Epping	308.13	258.09	16.24%
Brentwood	320.35	280.21	12.53%
Braintree	288.10	263.51	8.53%
Chelmsford	353.42	330.16	6.58%
Basildon	357.09	337.40	5.51%
Maldon	278.19	263.39	5.32%
Rochford	361.31	345.53	4.37%
Colchester	273.04	264.10	3.27%
Castle Point	313.06	304.61	2.70%
Tendring	268.71	262.00	2.49%
Harlow	297.32	298.14	-0.27%

Authority	Increase in recycling per head		
	Recycling per head 05/06 (kg)	Recycling per head 06/07 (kg)	Percentage increase
Epping	96.77	152.14	57.22%
Uttlesford	116.55	173.70	49.04%
Basildon	105.21	127.42	21.11%
Rochford	61.49	71.68	16.57%
Braintree	126.70	144.33	13.91%
Maldon	114.91	128.93	12.20%
Chelmsford	141.88	157.44	10.96%
Brentwood	116.05	126.97	9.41%
Harlow	73.78	80.63	9.28%
Castle Point	98.94	105.52	6.65%
Tendring	73.79	78.09	5.82%
Colchester	117.36	118.08	0.61%

Authority	Total waste arisings per head		
	Wasste arisings 05/06 (kg)	Wasste arisings 06/07 (kg)	Percentage reduction
Uttlesford	455.5	405.67	10.94%
Brentwood	436.4	407.18	6.70%
Colchester	390.4	382.18	2.11%
Braintree	414.8	407.84	1.68%
Chelmsford	495.3	487.60	1.56%
Rochford	422.8	417.21	1.32%
Tendring	342.5	340.10	0.70%
Castle Point	412	410.13	0.45%
Maldon	393.1	392.31	0.20%
Basildon	462.3	464.82	-0.55%
Epping	404.9	410.23	-1.32%
Harlow	371.1	378.76	-2.06%

Authority	Increase in recycling rate		
	Recycling rate 05/06	Recycling rate 06/07	Increase
Uttlesford	25.59%	42.82%	17.23%
Epping	23.90%	37.09%	13.19%
Braintree	30.55%	35.39%	4.84%
Basildon	22.76%	27.41%	4.65%
Brentwood	26.59%	31.18%	4.59%
Chelmsford	28.65%	32.29%	3.64%
Maldon	29.23%	32.86%	3.63%
Rochford	14.54%	17.18%	2.64%
Castle Point	24.02%	25.73%	1.71%
Tendring	21.55%	22.96%	1.42%
Harlow	19.88%	21.29%	1.41%
Colchester	30.06%	30.90%	0.83%

Recycling performance

The table below shows our recycling performance for April 2006 through to March 2007 and compares it to the previous year. The new scheme was rolled out across the district starting in the south in June and completing in the north in November. 2007/8 will be the first full year in the new scheme, we will continue to provide Members with provisional monthly figures as the year unfolds. Final figures for any year are formally announced from Essex County Council after auditing (normally June).

Further below the table is a graph that tracks our improving recycling performance through the rollout and the reducing tonnage being sent to landfill.

Recycling figures 2006/07

	2005/06	2006/07	Difference
Total recycling Tonnage	8113	12262	+ 4149 tonnes
Waste to landfill	23910	16522	- 7388 tonnes
Total waste arisings	32023	28784	- 3239 tonnes
Recycling rate	25.3%	42.6%	+ 17.3%
Kerbside Dry Recycling (domestic)	4321	5653	+ 1332 tonnes
Kitchen waste	-	2588	-
Glass Recycling	1464	1942	+ 478 tonnes

MONTHLY COMPARISONS

Month	Household Waste to Landfill (t)			Household Waste Recycled			Total Household Waste (t)			Recycling Rate (%)		
	2005/06	2006/07	Difference	2005/06	2006/07	Difference	2005/06	2006/07	Difference	2005/06	2006/07	Difference
April	2012.68	1784.05	-228.63	689.29	636.65	-52.64	2701.97	2420.7	-281.27	25.51%	26.30%	0.79%
May	1986.8	2070.2	83.4	732.93	756.42	23.49	2719.73	2826.62	106.89	26.95%	26.76%	-0.19%
June	2064.04	2040.74	-23.3	721.5	791.67	70.17	2785.54	2832.41	46.87	25.90%	27.95%	2.05%
July	2008	1488.76	-519.24	658.19	887.26	229.07	2666.19	2376.02	-290.17	24.69%	37.34%	12.66%
August	1973.2	1399.32	-573.88	701.23	962.31	261.08	2674.43	2361.63	-312.8	26.22%	40.75%	14.53%
September	2208.06	1233.45	-974.61	810.69	1100.85	290.16	3018.75	2334.3	-684.45	26.86%	47.16%	20.30%
October	2065.76	1256.93	-808.83	744.52	1159.98	415.46	2810.28	2416.91	-393.37	26.49%	47.99%	21.50%
November	2039.74	1086.94	-952.8	668.79	1201.61	532.82	2708.53	2288.55	-419.98	24.69%	52.51%	27.81%
December	1664.16	1026.67	-637.49	553.04	987.45	434.41	2217.2	2014.12	-203.08	24.94%	49.03%	24.08%
January	2240.84	1120.59	-1120.25	651.04	1473.59	822.55	2891.88	2594.18	-297.7	22.51%	56.80%	34.29%
February	1664.16	938.23	-725.93	526.07	1077.76	551.69	2190.23	2015.99	-174.24	24.02%	53.46%	29.44%
March	1982.38	1075.81	-906.57	655.26	1226.6	571.34	2637.64	2302.41	-335.23	24.84%	53.27%	28.43%
Total	23909.82	16521.69	-7388.13	8112.55	12262.15	4149.6	32022.37	28783.84	-3238.53	25.30%	42.60%	17.30%

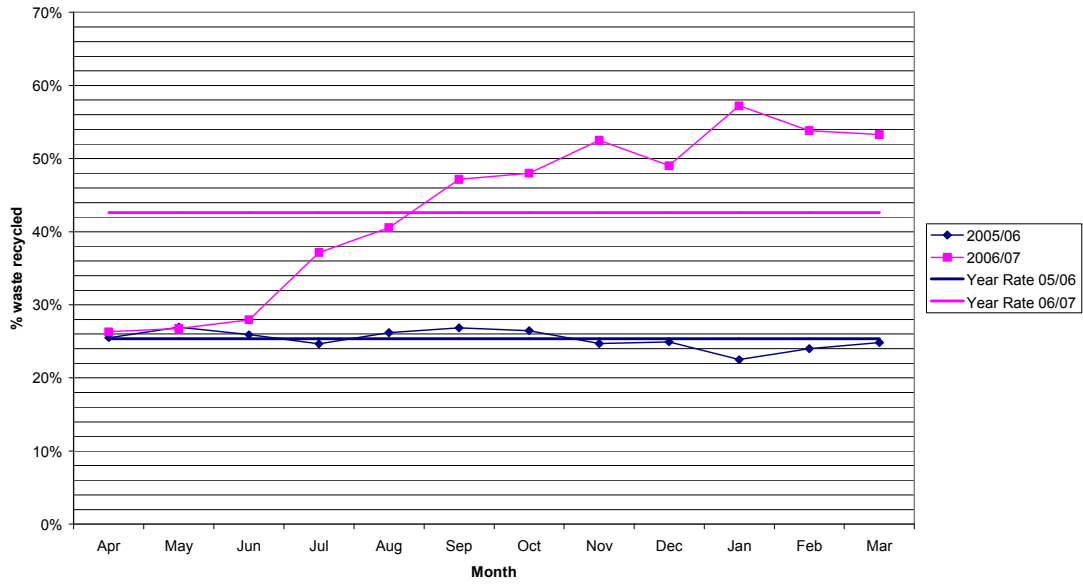
LATS - WITH TRADE

Row			2005/06 Actuals	2006/07 Model for old system	2006/07 Predicted Actuals	2007/08 Model for old system	2007/08 Predicted Actuals
1	Projected MSW arisings (tonnes)		35,779	38,777	32,286	39,941	29,250
2	Predicted BMW in waste (tonnes) using Gov. 68% assumption	= 68% of row 1	24,330	26,368	21,954	27,160	19,890
3	Paper/Card/Books recycled (tonnes)		4,362	4,742	5,507	4,884	6,359
4	Green waste, Kitchen Waste and Wood (tonnes)		1228	747	3704	769	5294
5	Textiles/Footware reused/recycled (50% biodegradable)		187	203	154	210	240
6	Planned total BMW removal (tonnes)	= total of rows 3-5	5,684	5,591	9,288	5,758	11,773
7	Calculated BMW in waste to landfill	= row 2 – row 6	18,646	20,778	12,666	21,402	8,117
8	BMW permitted To landfill (tonnes)		18,750	17,960	17,960	16,097	16,097
9	Performance against target (Figure in brackets is cumulative total)	= row 7 – row 8	-104	2,818 (2,714)	-5,294 (-5,397)	5,305 (8,019)	-7,980 (-13,377)
10	Penalty with regard to performance against target (Figure in brackets is cumulative total)	= row 9 X £12	-£1,245	£33,814 (£32,569)	-£63,522 (-£64,768)	£63,659 (£96,228)	-£95,760 (-£160,528)

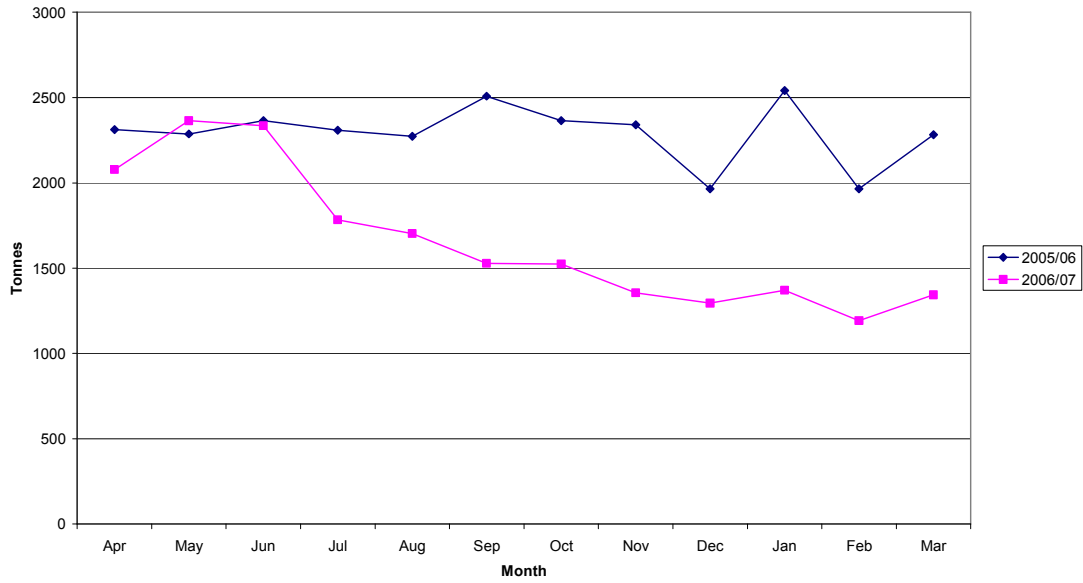
LATS - WITHOUT TRADE

Row			2005/06 Actuals	2006/07 Predicted Actuals
1	Projected MSW arisings (tonnes)		32,067	28,567
2	Predicted BMW in waste (tonnes) using Gov. 68% assumption	= 68% of row 1	21,806	19,426
3	Paper/Card/Books recycled (tonnes)		4,362	5,507
4	Green waste, Kitchen Waste and Wood (tonnes)		1228	3704
5	Textiles/Footware reused/recycled (50% biodegradable)		187	154
6	Planned total BMW removal (tonnes)	= total of rows 3-5	5,684	9,288
7	Calculated BMW in waste to landfill	= row 2 – row 6	16,122	10,138
8	BMW permitted To landfill (tonnes)		18,750	17,960
9	Performance against target (Figure in brackets is cumulative total)	= row 7 – row 8	-2,628	-7,822 -(10,450)
10	Penalty with regard to performance against target (Figure in brackets is cumulative total)	= row 9 X £12	-£31,535	-£93,869 -(£125,405)

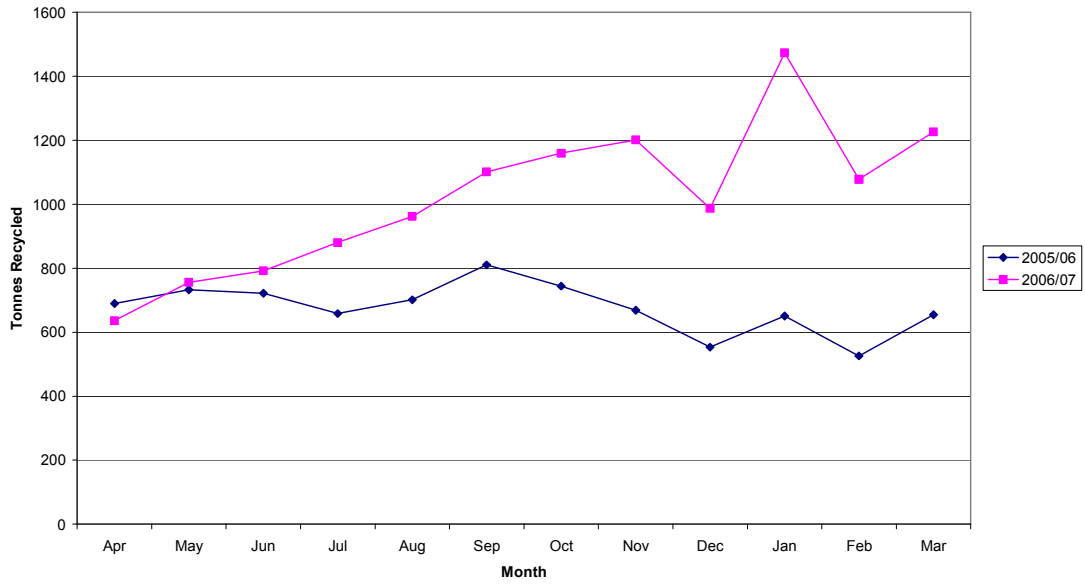
Recycling Rate by Month



Waste to Landfill by Month



Recycling Tonnage by Month



Total waste split

