

Appendix 1 : Lewes District Council PPAC Qrt1 21/22 and waste trends

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1 Introduction

This report covers the period Qrt 1, 2021/22 plus historical data, waste trends and comparison covering a period of 3 years for:

- Percentage of household waste sent for reuse, recycling and composting (NI192)
- Kgs of residual waste per household (NI191)
- Total household waste collected
- Total number of reported fly-tipping incidents

2 Performance outcomes

2.1 Percentage of household waste sent for reuse, recycling & composting (NI192)

- 2021/22 Quarter 1 = 41.57%

N.B. ESCC (as the waste disposal authority) provide the closing data for this calculation which is not yet available. In the meantime, raw data taken from vehicle weighbridge tickets has been used but does not allow for any adjustments / recycling rejects and is subject to change.

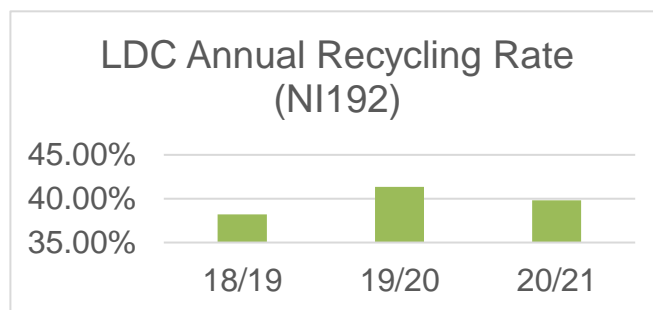
Trend over previous 3 years

The methodology for calculating the recycling percentage rate is set by DEFRA using data agreed by ESCC. It is a very straightforward calculation of the numerator (total recycling collected) divided by the denominator (total waste collected).

- The numerator is made up of total dry mixed recycling (DMR), food waste and garden waste
- The denominator is made up of from the totals for: Refuse, DMR including rejects, food waste, garden waste, clinical waste, bulky waste, litter and street sweepings.

The table and chart below show the annual recycling rate across 3 years

LDC Annual Recycling Rate (NI192)			
	18/19	19/20	20/21
Qrt 1	37.29%	40.18%	40.43%
Qrt 2	37.83%	41.53%	42.97%
Qrt 3	38.78%	41.72%	37.31%
Qrt 4	38.87%	41.27%	38.36%
Yr. end	38.2%	41.3%	39.8%
Target	32%	37%	43%
<i>Dif.</i>	6.19%	4.34%	-3.23%



Since 2018/19 LDC has seen a steady increase in recycling thereby exceeding its annual targets, except for 2020/21 where it was only missed by 1.12%. This is a positive impact given that the targets have been increased year on year. In May 2018 LDC completed the move from a source separated collection service by introducing a single bin co-mingled recycling collection system making recycling easier for residents, along with additional materials being collected e.g. plastic pots, tubs and trays. Prior to this service change and up until 2017/18 the recycling rate hovered around 26% to 29% demonstrating the decision to move to the single bin has paid off.

2.2 Total Household Waste Collected

- 2021/22 Quarter 1 = 8,738.29tns

This quarter's data suggests that total household waste has remained stable compared to the end of the previous year's total household waste, Qrt 4 for 2020/21 of 8,763.68tns.

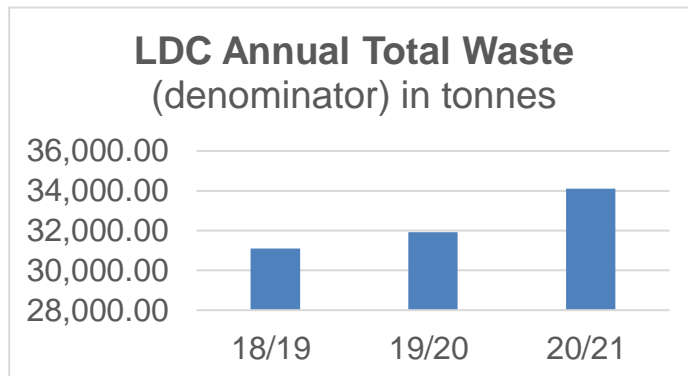
N.B. There is no set target for total waste collected. ESCC (as the waste disposal authority) provide the closing data for this calculation which is not yet available. In the meantime, raw data taken from vehicle weighbridge tickets has been used.

Trend over previous 3 years

Household waste (denominator) is made up of from the totals for: Refuse, DMR including rejects, food waste, garden waste, clinical waste, bulky waste, litter and street sweepings. Household waste for 2018/19 and 2019/20 is consistent but increases by 2,194.64tns for 2020/21. This increase is attributed to the start of the COVID-19 lockdowns, particularly for quarter one where residents first took to decluttering and clearing their homes. This quarter also saw the temporary closure of the ESCC household waste sites (tips) thereby creating extra non-recyclable waste (refuse) being collected by LDCWS and, an increase in fly-tipping incidences.

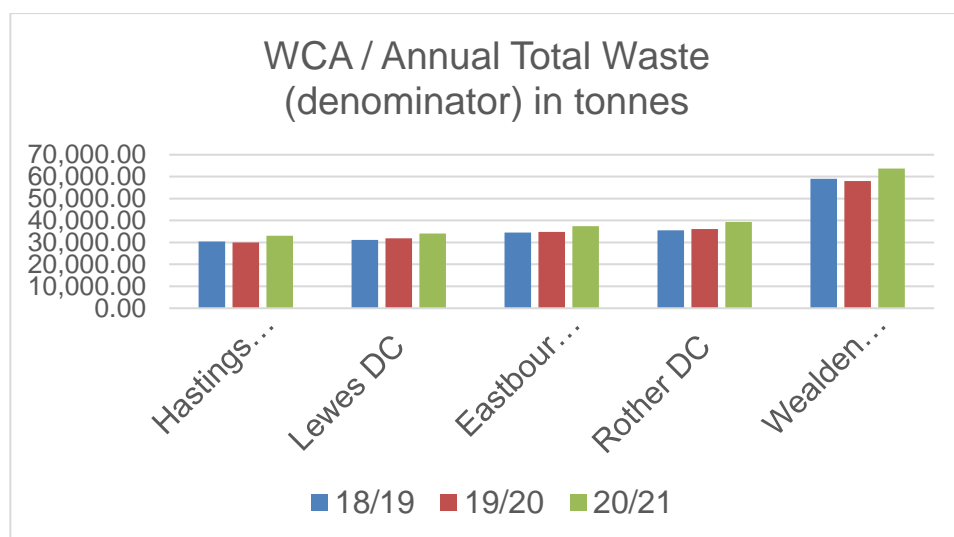
The table and chart below show total annual household waste in tonnes (denominator) across 3 years.

LDC Annual Total Waste (denominator) in tonnes			
	18/19	19/20	20/21
Yr. end	31,102.28	31,913.87	34,108.51



LDC's total waste figure sits as the second lowest compared to those for the collection authorities within East Sussex. The table and cluster chart below shows the annual household waste (denominator) for each of the WCA's within East Sussex.

WCA / Annual Total Waste (denominator) in tonnes			
	18/19	19/20	20/21
Hastings BC	30,374.44	29,991.48	33,079.34
Lewes DC	31,102.28	31,913.87	34,108.51
Eastbourne BC	34,526.89	34,840.72	37,444.19
Rother DC	35,470.20	36,148.45	39,339.87
Wealden DC	59,096.98	58,044.91	63,773.45



2.3 Kgs of residual waste per household (NI191)

- 2021/22 Quarter 1 = 115.00kgs

This quarter's data suggests that residual waste per household has remained stable compared to the end of the previous year's Qrt 4 for 2020/21 of 115.50kgs.

N.B. There is no set target for total waste collected. ESCC (as the waste disposal authority) provide the closing data for this calculation which is not yet available. In the meantime, raw data taken from vehicle weighbridge tickets has been used (d-n ÷ number of dwellings) and is subject to change, for example it does not include rejects from the DMR.

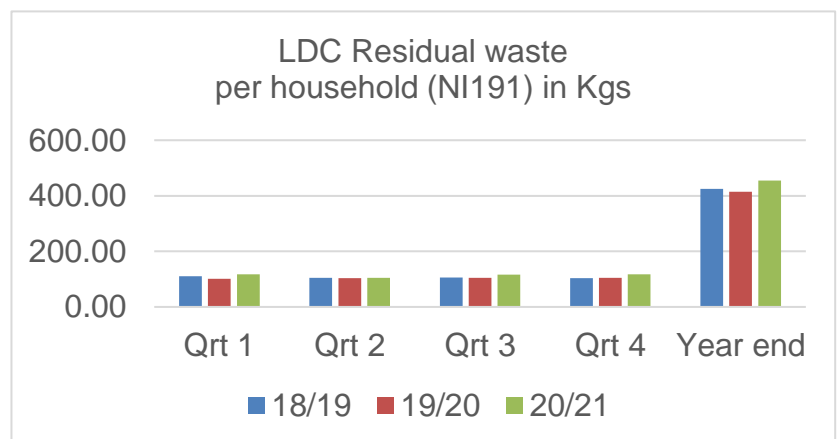
Trend over previous 3 years

The residual household waste figure is achieved by minusing total recycling from total waste (the denominator minus the numerator and divided by the number of dwelling stock based on council tax from the Office of Statistics).

As expected, the trend for kgs of residual household waste has fluctuated over the past three years. 2021/20 sees a decrease on 2018/19 which is consistent with the introduction of the single bin co-mingled recycling service and residents recycling more. 2020/21 sees an increase in residual waste which again is consistent with behaviours created by Covid-19 and residents having household clear outs and working and schooling from home.

The table and cluster chart below show the residual waste per household in Kgs across 3 years.

LDC Residual waste per household (NI191) in Kgs			
	18/19	19/20	20/21
Qrt 1	110.70	101.70	117.14
Qrt 2	105.20	103.70	104.46
Qrt 3	105.90	104.30	115.78
Qrt 4	103.60	104.60	117.28
Year end	425.40	414.30	454.66



2.4 Total number of reported fly-tipping incidents

- 2021/22 Quarter 1 = 64 incidents (April = 26, May = 16, June = 22, monthly average = 21)

Total fly-tipping incidents for the quarter remains within target. This is comparable to the same period for the previous year (65) yet sees an increase by 9 for the previous year's quarter 4 of 55. April saw the highest number for the quarter with May being the lowest.

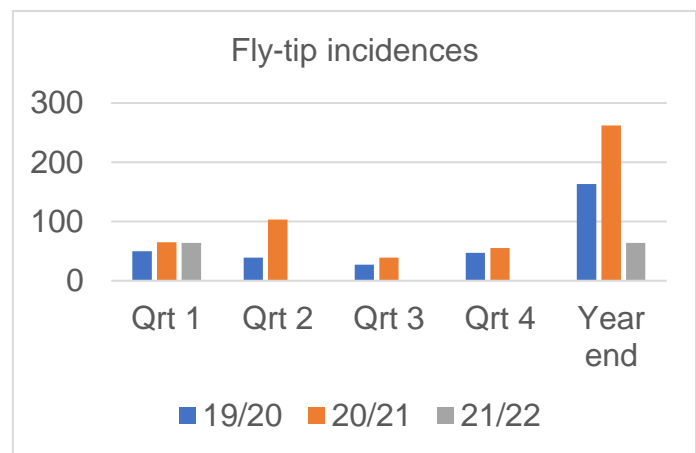
Overall hotspots, by ward, for the quarter: Chailey and Wivelsfield, Ditchling & Westmeston, Kingston, Newhaven Denton and Meeching, Ouse Valley and Ringmer,

There were no FPNs issued by Neighbourhood First for quarter 1.

Trend over previous 2 years (data for 2018/19 is not available)

The tables and cluster chart below show the quarterly figure of fly tipping incidents and the number of Fixed Penalty Notes (FPNS) issued for 2019/20 and 2020/21. This correlates to the Covid lockdown periods where extra waste was being created by households having clear-outs, decluttering, working and schooling from home.

Fly-tip incidences			FPNs issued			
	19/20	20/21	19/20		20/21	
Qrt 1	50	65	0	£0	5	£1,075
Qrt 2	39	103	3	£225	3	£550
Qrt 3	27	39	1	£75	1	£400
Qrt 4	47	55	2	£500	1	£400
Yr. end	163	262	6	£800	10	£2,425



The table and cluster chart below, demonstrates that all Waste Collection Authorities within East Sussex have seen a year on year increase in fly-tipping tonnages collected with Rother DC being the lowest, followed by Lewes DC. HBC has the highest annual tonnage figure.

WCA / Annual fly-tipped waste in tonnes			
	18/19	19/20	20/21
Rother DC	42.00	35.26	53.02
Lewes DC	62.01	19.03	36.25
Eastbourne BC	108.20	121.37	127.46
Wealden DC	116.44	89.78	122.94
Hastings BC	261.86	230.18	190.10

WCA / Annual fly-tipped waste in tonnes

