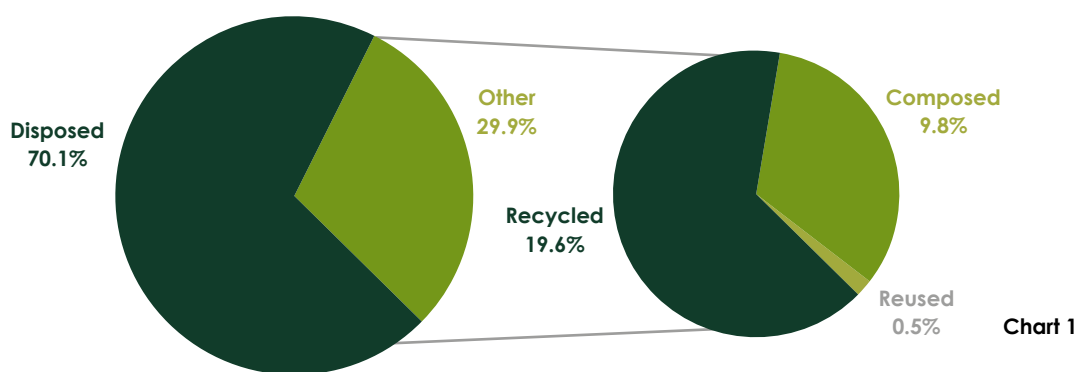


4. Recycling Services

4.1 Recycling figures for the 2018/19 financial year are yet to be finalised; therefore, the statistics provided are based on the 2018 calendar year. Where comparisons to the previous year have been made, the figures quoted are finalised 2017/18 financial year numbers which have been published by DEFRA and are publicly available. Once Quarter 4 WasteDataFlow returns have been submitted, the finalised 2018/19 financial year statistics will be used to produce the North London Waste Authority's (NLWA) (the Authority) Annual Monitoring Report.

4.2 The Authority managed 675,302 tonnes of household waste collected by its seven constituent boroughs of Barnet, Camden, Enfield, Hackney, Haringey, Islington and Waltham Forest in 2018. Chart 1 below indicates the proportion of the total household waste managed by the Authority that was recycled, reused or composted.



4.3 Of the total waste managed, 201,631 tonnes (29.9%) were sent for reuse, recycling and composting. This is a reduction of 11,832 tonnes (5.5%) compared to the 2017-18 figure of 213,464 tonnes (31.2%).

4.4 Chart 2 below shows the overall breakdown for household waste disposal methods. The proportion of household waste recycled decreased by 1.0%, the proportion composted decreased by 0.7% and the proportion reused decreased by 0.1%. Whilst the proportion of household waste sent to landfill decreased by 1.7%, the proportion sent to incineration increased by 3.3%, representing a net increase of waste to disposal of 1.6%. The Authority will be working with its constituent borough colleagues to examine and address the factors responsible for these changes in 2019-20.

Household waste disposal breakdown 2018

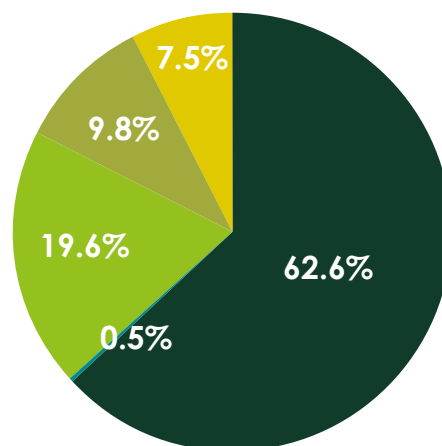
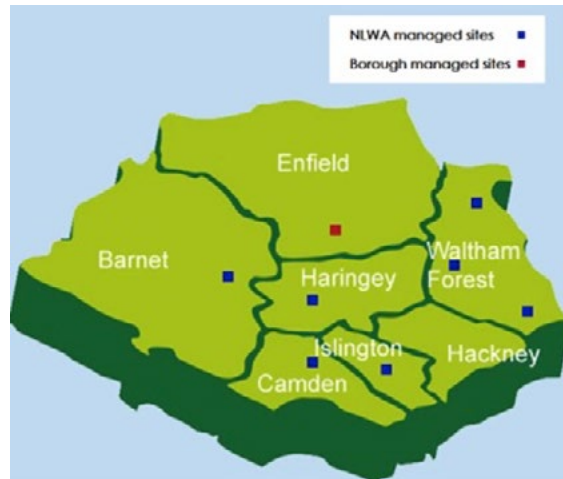


Chart 2

4. Recycling Services

Reuse and recycling centres (RRCs)

4.5 The Authority is responsible for seven reuse and recycling centres (RRCs) - Summers Lane, Barnet, Regis Road, Camden, Western Road, Haringey, Hornsey Street, Islington, Gateway Road, Waltham Forest, King's Road, Waltham Forest and South Access Road, Waltham Forest.



4.6 Chart 3 below shows an 11.1% reduction in the amount of waste deposited at RRCs by residents in 2018 (46,104 tonnes), compared to 2017-18 (51,842 tonnes).

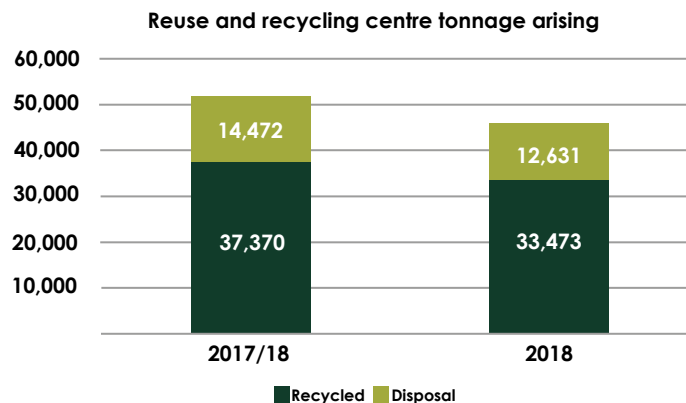


Chart 3

4.7 The overall reduction in tonnages delivered to RRCs is considered to be due to the introduction of better controls to prevent the depositing of illegal trade waste. These controls include the online van booking system and restrictions on the amounts of rubble each resident can deliver (six builder's bags each month).

IMPACT

Decrease of 1,140 tonnes of wood waste
Cost saving of £87,774
Decrease of 1,841 tonnes of rubble waste
Cost saving of £6,444

4. Recycling Services

4.8 The percentage of waste recycled across Authority-managed RRCs increased slightly to 72.6% in 2018-19 (see chart 3 above), in line with targets in the Authority's contract with its wholly owned contractor LondonEnergy Ltd (LEL).

4.9 In May 2018, Officers contracted Enventure to undertake an updated visitor survey across all eight RRCs in the Authority area. Survey staff asked at least 2,000 residents visiting each RRC to supply their postcode. The results in table 4 below replace those from the 2014 visitor survey and will be used to apportion RRC tonnage performance and running costs between the boroughs from April 2019.

RRC SITE	Total	Barnet	Camden	Enfield	Hackney	Haringey	Islington	Waltham Forest	Other
Base (total number of visitors)	19,575	2,312	2,372	2,557	975	2,568	2,028	6,329	434
Summers Lane, Barnet	12.35%	93.67%	0.37%	1.41%	0.04%	3.43%	0.08%	0.04%	0.95%
Regis Road, Camden	12.57%	0.89%	92.77%	0.16%	0.12%	1.46%	3.86%	-	0.73%
Barrowell Green, Camden	12.60%	0.12%	0.16%	99.19%	-	0.28%	-	0.12%	0.12%
Western Road, Haringey	12.27%	0.50%	0.04%	1.58%	1.04%	95.92%	0.42%	0.37%	0.12%
Hornsey Street, Islington	12.43%	0.37%	2.96%	0.16%	13.68%	4.15%	78.23%	0.12%	0.33%
Gateway Road, Waltham Forest	12.37%	-	-	0.04%	22.13%	0.25%	0.29%	68.83%	8.46%
Kings Road, Waltham Forest	12.58%	0.04%	0.08%	0.81%	-	0.20%	0.16%	92.41%	6.29%
South Access Road, Waltham Forest	12.82%	0.04%	0.04%	0.36%	3.07%	1.08%	0.24%	94.42%	0.76%

Table 4

Second time around reuse shop

4.10 'Second Time Around', which is based at the Kings Road RRC in Waltham Forest, is a shop that sells items suitable for reuse. Reusable items are collected from all the RRCs operated by LEL.

4.11 The shop is open to the public from Wednesday to Saturday, and on the first Sunday of each month.

IMPACT

More than 67 tonnes of material diverted from disposal through Second Time Around
Sales of more than £64,000

Composting of organic waste

4.12 The boroughs collect green waste and food waste separately, or a mix of green and food waste known as 'mixed organics'. Residents also take green waste to RRCs. Chart 4 on the following page details the breakdown of organic wastes disposed of in 2018.

4. Recycling Services

Organic wastes arising 2018

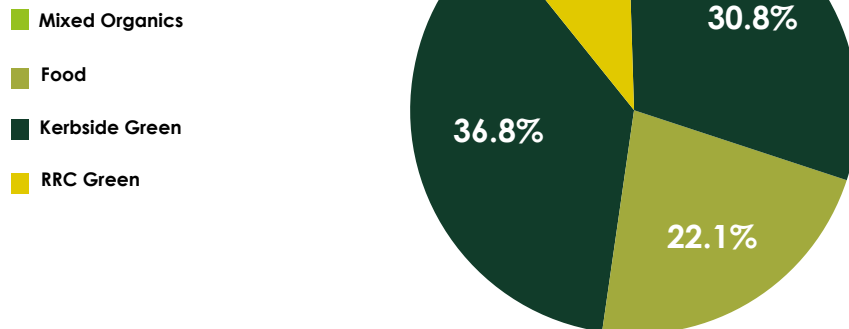


Chart 4

4.13 Chart 5 below shows how, in 2018, the Authority received 457 tonnes (2.8%) less mixed organics, 749 tonnes (6.1%) less food waste, 2,014 tonnes (9.5%) less kerbside green waste, and 366 tonnes (6.3%) less RRC green waste compared to 2017-18. This resulted in an overall decrease of 3,586 tonnes (6.4%).

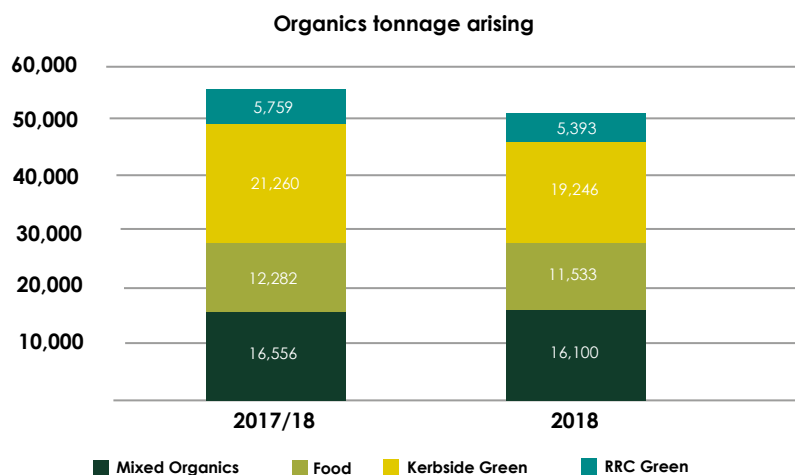


Chart 5

4.14 The in-vessel composting (IVC) unit at the Edmonton EcoPark closed in October 2018 as part of work to prepare the Edmonton EcoPark for North London Heat and Power Project (NLHPP) construction works. LEL made new arrangements to manage the organic waste streams with third parties, which delivered financial savings of £618,000.

Processing of mixed dry recyclables

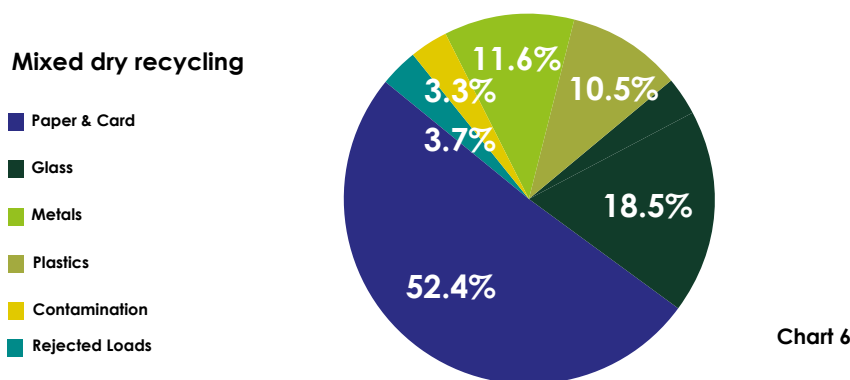
4.15 The Authority has a contract with Bywaters in Leyton and Biffa in Edmonton for processing its mixed dry recyclable material. The companies separate out the material for a processing cost and the Authority receives the income from the sale of those materials (commodities). It is anticipated that the total income received for 2018-19 was £1.351 million. However, there is still a net cost to the service i.e. the cost of processing recyclable material outweighs the value of the commodities sold, meaning an overall cost to the Authority of £5.403 million.

4. Recycling Services

4.16 Commodity prices continue to be affected by global economic uncertainty. Rising standards and stricter specifications required by Asian markets means that there is only a market for very high-quality secondary materials (e.g. recycled plastic). Therefore, contaminated recyclable material is disposed of as residual waste. This costs the Authority some £300,000 a year.

4.17 Contamination levels have been a major challenge during 2018. Approximately 4,301 tonnes of mixed recyclables were rejected at the Authority's contracted materials recycling facilities (MRFs) and sent direct to disposal. A further 11,187 tonnes of contaminant residue was removed from recyclable material and sent for disposal.

4.18 Chart 6 below details the composition of mixed recycling, including material rejected as a result of contamination.



4.19 The Authority's current contract for processing mixed dry recyclables ends in December 2019 and Authority officers are procuring a replacement through a negotiated procurement procedure.

Ancillary services - waste electrical and electronic equipment (WEEE)

4.20 WEEE is collected from 12 designated collection facilities across north London, which are registered by the Authority on behalf of the constituent boroughs, as well as from on-street WEEE banks and from kerbside (household) collections. Approximately 4,080 tonnes of WEEE were recycled during 2018-19, which is a decrease of 15 tonnes (-0.37%) from 2017-18.

IMPACT

4,080 tonnes of WEEE recycled in 2017-18

4.21 The Authority conducted a procurement process for a new WEEE contract in October 2018. The contract was awarded to European Recycling Platform and the contract began in January 2019.

4.22 The WEEE kerbside service can provide up to 20 collections a day from households in north London (or between 380 and 460 collections a month). The current service is running at around 50% capacity and there is variable take up of the scheme from borough to borough as illustrated in table 5 on the following page.

4. Recycling Services

4.23 Communications activity undertaken in 2018-19 contributed to an increase in uptake at the end of the year. More detail is given in section 8.9. Officers will carry out further communications activity and will work with the constituent boroughs in 2019-20 to increase (and sustain any increase) the uptake of this scheme.

Kerbside WEEE Collections 2018	
Barnet	499
Camden	300
Enfield	636
Hackney	28
Haringey	84
Islington	165
Waltham Forest	680
All Boroughs	2,392

Table 5

Contract management and other activities

4.24 The Authority responded to three consultations during the year; work on responding to a fourth consultation was ongoing at the year end. In addition, work commenced on four extensive consultations for reforming waste management systems following the publication of the Government's new waste strategy Our Waste Our Resources a Strategy for England (see section 5.10) in December 2018.

4.25 As part of the Mayor of London's Environmental Strategy the Authority has assisted boroughs in producing their first Reduction and Recycling Plans.

Third party credits

4.26 The Government recognises the benefits offered by third party re-use and recycling activities and expects the Authority to offer third party credits to organisations that remove items from the municipal waste stream, for reuse or recycling, that would otherwise have been sent for disposal at the Authority's expense. In 2018-19 the value of the third party credit was £74.31.

4.27 Eighteen organisations registered as potential claimants for an estimated 3,159 tonnes of material in 2018-19. A budget provision of £234,760 was allocated to cover the cost these claims. In 2018-19 2,468 claims were submitted for 74 tonnes of material, which equates to £183,452.42 (validated data for Quarter 4 is not yet available). This is a slight decrease of 82 tonnes compared with 2017-18. The decrease is considered to be partly due to some charities no longer being able to claim because of staff and process changes.

IMPACT

74 tonnes of material diverted by the actions of reuse and recycling credits recipients.