

Appendix 2: composition analysis results

Recyclable materials

- On average, 8.8% or 0.68kg/hh/wk of kerbside residual waste was compatible with mixed recycling collections. Of this, 47% was recyclable paper and card, 28% glass, 13% metals and 12% plastic bottles.
- The residual waste from shared bins was 17.8% compatible with mixed recycling collections. Of this, 62% was recyclable paper and card, 15% glass, 12.5% plastic bottles and 10% metals.
- The residual waste from communal bins was 14.6% compatible with mixed recycling collections. Of this 49% was recyclable paper and card, 33% glass, 10% metals and 8% plastic bottles.

Volume of waste

- Around 88% of Brighton & Hove kerbside households set out residual waste, generating 7.65kg/hh/wk of this material, which equates to 399kg/hh/yr.
- The comparable figure is not available for shared or communal bins as it cannot be determined how many households use each bin that was sampled due to their communal nature.
- The residual waste from kerbside properties contained 1.58kg/hh/wk of recyclable garden waste and fruit & vegetable peelings. These accounted for 20.6% of total waste. Therefore, a total of 29.5% or 2.25kg/hh/wk of residual bin contents is potentially kerbside recyclable.
- The residual waste from shared bins was 9.6% garden waste and peelings with communal bins being 20.4%. Most of these households will not have access to garden waste collections.

Food and garden waste

- 37% (2.8kg/hh/wk) of the contents of kerbside residual bins across Brighton & Hove consisted of food and drink waste. Around 60% of food waste was deemed avoidable – 53% of this was packaged.
- 33.4% of the contents of residual waste from shared bins consisted of food and drink waste. Around 66% of food waste was deemed avoidable – 52% of this was packaged.
- 31.9% of the contents of residual waste from communal bins consisted of food and drink waste. Around 60% of food waste was deemed avoidable – 56% of this was packaged.
- 8% of kerbside residual waste consisted of garden vegetation. This compares with less than 3% for shared bins and 10.7% for communal bins.

Recyclable materials: paper

- 27% of the paper in kerbside residual bins was of a recyclable format, contributing 1.9% towards the total residual waste collected across Brighton & Hove.
- From shared bins, 56% was recyclable accounting for 3.8% of the total.
- In communal bins, 31% was recyclable accounting for 2.2% of the total.

Recyclable materials: card and cardboard

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- 65% of the card and cardboard in kerbside residual bins was of a recyclable format, contributing 2.3% towards the total residual waste.
- From shared bins, 87% was recyclable accounting for 7.3% of the total.
- In communal bins, 83% was recyclable accounting for 5.0% of the total.

Recyclable materials: plastics

- On average, 8% of the plastic in kerbside residual bins was formed of plastic bottles, forming 1.0% towards the total residual waste.
- From shared bins, 22% was recyclable bottles accounting for 7.3% of the total.
- In communal bins, 15% was recyclable bottles accounting for 5.0% of the total.

Recyclable materials: metal

- On average 44% of the metal in kerbside residual bins was formed of recyclable packaging, contributing 1.9% towards the total residual waste.
- From shared bins, 56% was recyclable accounting for 7.3% of the total.
- In communal bins, 54% was recyclable accounting for 1.5% of the total.

Recyclable materials: glass

- 79% of the glass in kerbside residual bins across Brighton & Hove was due to bottles and jars that could have been alternatively recycled at the kerbside. This amounted to 2.5% of the total residual waste.
- From shared bins, 87% was recyclable accounting for 2.7% of the total.
- From communal bins, 92% was recyclable accounting for 4.8% of the total