



# Waste collection authority separate collection arrangements: survey results

Version 1, January 2016

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# Executive summary

This report summarises the findings of an Environment Agency survey of how English waste collection authorities (WCAs) are implementing regulation 13(3), in part 5 of the Waste (England and Wales) Regulations 2011.

We reviewed responses taking into account:

- scale of collections of paper, metal, plastic and glass
- provision by collection method
- WCA progress in carrying out assessments for necessity and TEEP<sup>1</sup>.

Overall from the survey results we found that most WCAs in England had completed necessity and TEEP assessments or planned to do so by the end of 2015.

Overall the necessity and TEEP assessments for separate collections cover all 4 waste types (paper, metal, plastic and glass) and review collections by the principal collection method which is collection at the kerbside. We have not examined the depth or thoroughness of WCAs' assessments themselves in this particular survey.

Assessment outcomes mainly find that no change is needed in the type of arrangements to collect the 4 waste types. A small number of WCAs have made changes to collection methods as a result of their assessments.

Kerbside co-mingled collections of these wastes are the main collection method in England and are likely to remain so. The survey results show that only 1.3% of the WCA collected tonnage of these wastes is through co-mingled non-kerbside collections, so a significant increase in separate collections of these 4 wastes overall could only be achieved through kerbside collections.

There are a few WCAs that collect less than 80% of the wastes separately but are not planning to carry out assessments and some WCAs that did not respond to the survey. We will remind these authorities of their duties under the regulation.

In general WCAs should consider:

- keeping better data on collection tonnages and types from non-kerbside collections
- reviewing use of co-mingled collections at household waste recycling centres (HWRCs) and bring sites<sup>2</sup> where this applies
- making necessity and TEEP assessments publically available with suitable approval
- reviewing the outcome of necessity and TEEP assessments to ensure they remain valid, especially where outcome was for no change in collection arrangements
- completing assessments in the first quarter of 2016, if not yet completed

We will use the results of this survey to inform our regulatory approach with WCAs. We may carry out further review of how WCAs continue to implement regulation 13(3) and provide advice and guidance where needed.

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<sup>1</sup> TEEP means technically, environmentally and economically practicable.

<sup>2</sup> Bring sites are small, typically unstaffed, sites to which members of the public can bring their recyclable wastes (such as cans, glass, paper, textiles and so on) and deposit these in containers provided at the site.

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# 1. Background

In April 2015 we asked English WCAs, including unitary authorities, to complete a survey about arrangements to meet regulation 13(3), in part 5 of the Waste (England and Wales) Regulations 2011.

Under the regulation, when making arrangements for collection of waste paper, metal, plastic or glass, WCAs must ensure that collections are separate from other waste and from one another if this is both necessary (in accordance with waste hierarchy and protection of human health and the environment) and technically, environmentally and economically practicable (TEEP).

The survey asked about planned collections of waste paper, metal, plastic and glass, in particular:

- tonnages to be collected of each waste type
- collection methods (separate and co-mingled)
- assessment of necessity and TEEP
- implementation of assessment outcomes

We reviewed responses taking into account the:

- scale - quantities collected, co-mingling at kerbside and separate collections (all methods)
- provision - % separately collected, types collected at kerbside, co-mingling at HWRCs and bring sites, extent of collection at HWRCs and bring sites and separate glass collection
- necessity and/or TEEP assessment - carried out or planned, comprehensive for waste types and collection methods
- impact of assessment - changed practice after assessment and implementation of outcomes
- decision making - assessment decision making and assessment review
- completeness of the information provided

We received very good co-operation from WCAs with 283 responses out of 321 (88%). Annex A lists the WCAs that provided responses. Annex B gives more information about the survey questions and methodology.

## 2. Scope

We wanted to obtain standardised information to get a good overall picture of WCA collections of paper, metal, plastic and glass for 2015. This report relates only to the data provided by WCAs in their survey responses. We have not cross-referenced responses with other data sources, or scrutinised individual WCA necessity and TEEP assessments.

This report is based solely on survey responses. It does not include data from any other sources, such as WasteDataFlow<sup>3</sup>.

This report only covers collections of waste paper (including card/cardboard), metal, plastic, and glass by WCAs. It does not cover any other WCA collected waste.

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<sup>3</sup> WasteDataFlow (WDF) is an online Defra database that all waste authorities in the UK use to report waste data. For England, data is reported 3 months in arrears. WDF is one of the data sources used to produce national statistics on waste in England.

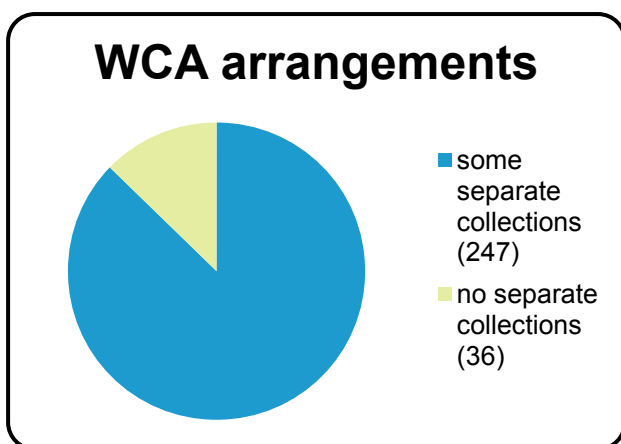
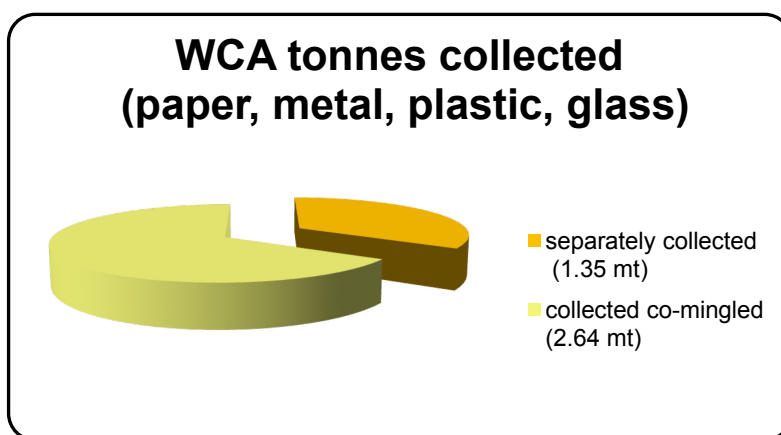
This report only includes data for surveyed WCAs. It does not include any data for waste disposal authorities (WDAs). Some WDAs do collect these wastes, but regulation 13(3) only applies to WCAs.

Figures in the report relate to a dataset of 283 authorities who provided a survey response (rather than 321 authorities from whom responses were sought).

This report covers data for England only. It does not cover any other UK areas.

### 3. Tonnages and provision

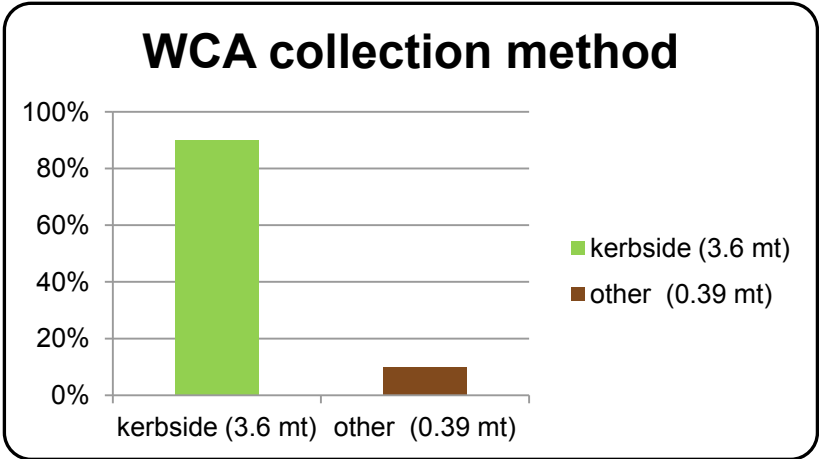
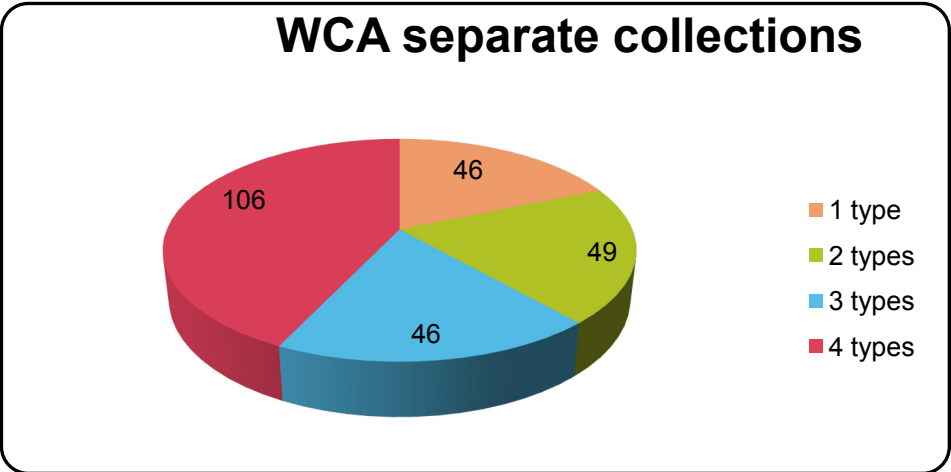
WCAs expected to collect 3.9 million tonnes (mt) of paper, metal, plastic and glass in 2015 with around 1.3mt separately collected and 2.6mt collected co-mingled. These figures are understated; we estimate by up to 600,000t (or 15% of the current figure of 3.9mt), because 38 WCAs did not submit a survey.



Most WCAs (247) have some form of separate collection but there is a large range in the tonnages collected separately across authorities (see section on waste types).

36 WCAs report no separate collections but all of these had either completed assessments (31) or planned to complete assessments by the end of 2015.

For the 247 WCAs with some form of separate collection, most (62%) collect 3 or 4 of the waste types separately.



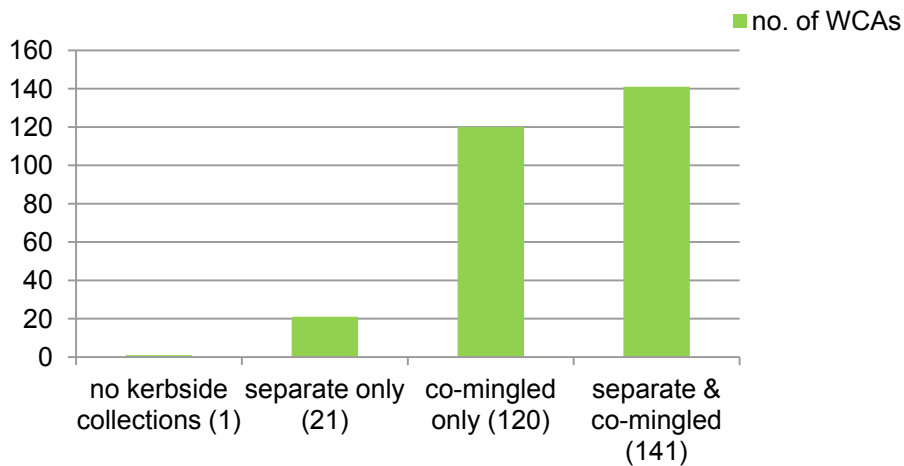
Of the total collections by WCAs of paper, metal, plastic and glass, 90% is collected at the kerbside. Only 10% is collected by other methods such as bring sites, HWRCs or street bins.

## 4. Kerbside collections

The 4 wastes are mainly collected at the kerbside by WCAs. Most (72%) is collected co-mingled - out of the 3.6 million tonnes collected at the kerbside, nearly 2.6 million tonnes is collected co-mingled. This is usually a mix of all 4 co-mingled and less commonly 2 or 3 types co-mingled. Co-mingling at the kerbside represents 65% of the total WCA collections (by all collection methods) of these 4 wastes.

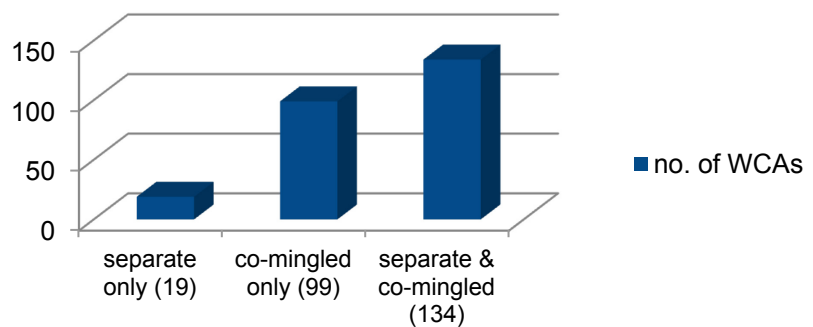
There is a fairly even split between authorities who provide both co-mingled and separate collections at the kerbside and those who only provide co-mingled collections. Slightly more WCAs provide both. 21 WCAs make only separate collections at the kerbside; tonnages collected by these authorities are relatively low as a proportion of total collections (less than 160,000t in total).

## WCA kerbside arrangements



Most WCAs (252) do collect all 4 wastes at the kerbside. 19 WCAs collect the wastes separately; 99 make co-mingled collections only and the majority (134) have a mix of separate and co-mingled collections.

## Collections of all 4 types at kerbside

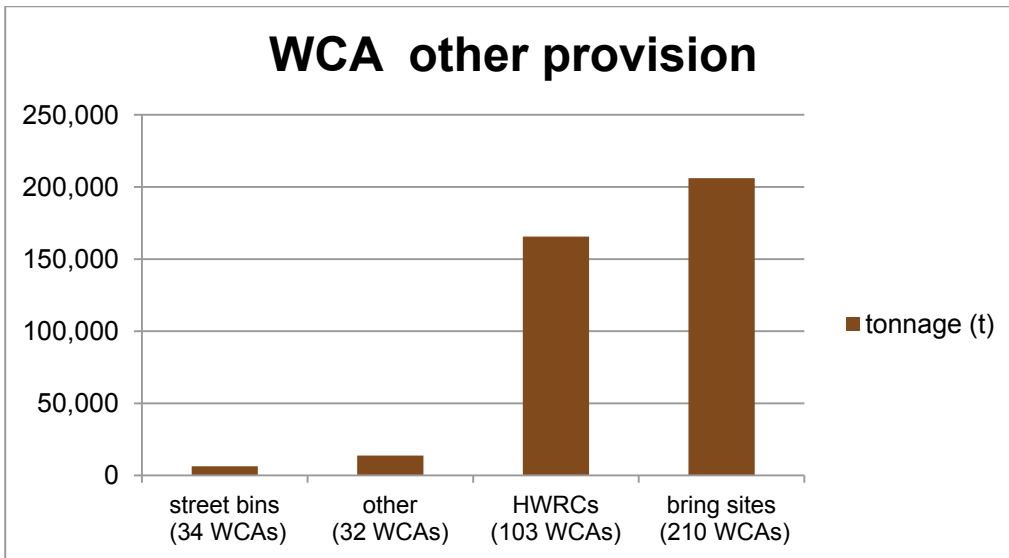


## 5. Other collections

The 4 waste types are mainly collected separately at HWRCs and bring sites but there is some limited co-mingling. Collections via street bins and other methods are very limited both in tonnage and in number of WCAs using these collection methods.

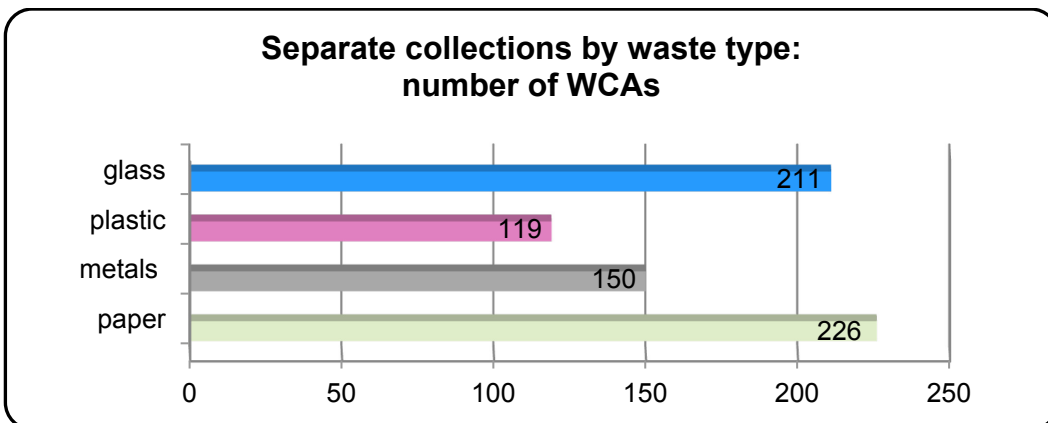
Several WCAs do not have disaggregated data for tonnages collected at HWRCs and/or bring sites so tonnages identified may be slightly lower than actual tonnages collected. In some cases the lack of data is due to not collecting by this method. In others the waste is picked up on kerbside rounds and tonnages cannot be separately attributed to the HWRCs or bring sites. (Note that whilst unitary WCAs generally collect from HWRCs, most WCAs in 2 tier areas will not, since usually this will be the responsibility of the WDA).

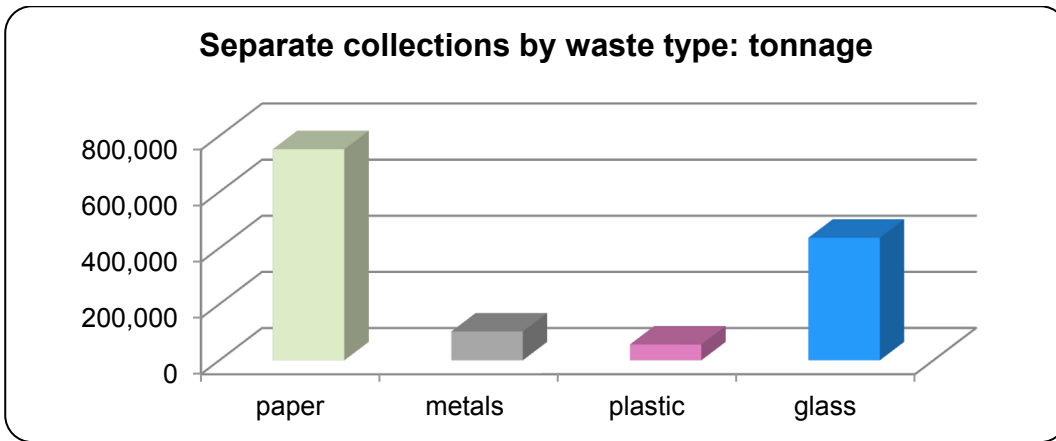




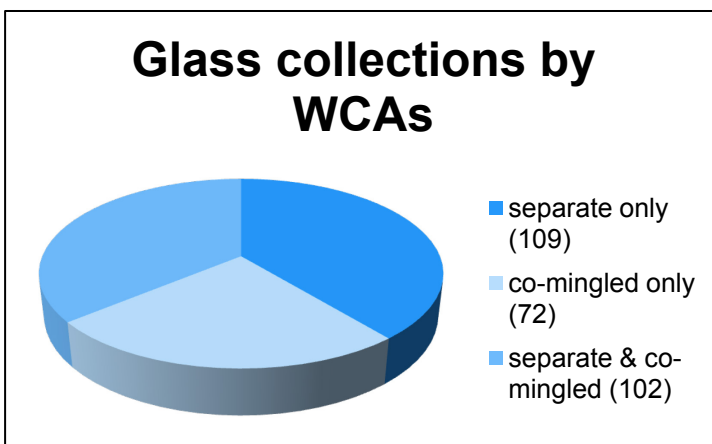
## 6. Waste types

Separate collections of the 4 wastes, across all collection methods, vary in both the total tonnage collected overall and the numbers of WCAs making separate collections. Paper is separately collected in highest quantity and by the greatest number of WCAs (226), whilst plastic collections have the lowest tonnage overall and lowest number of WCAs making separate collections (119).





Collected tonnages also vary substantially across authorities. For example separate collections of paper range from only 10 tonnes to 27,500t and separate glass collections range from 1 tonne to over 13,500t. For plastic and metal collections the range is smaller: 1 tonne to 4,500t for plastic and 1 tonne to over 6,000t for metal.



Glass is collected by all WCAs, with 39% making separate collections only. 25% make only co-mingled collections of glass whilst the remainder (36%) collect glass both separately and co-mingled. Glass is least likely out of the 4 wastes to be collected at the kerbside. Whilst nearly 90% do collect glass at the kerbside there are 29 WCAs that collect glass only by other collection methods.

By waste type, the extent of kerbside collections is as below.

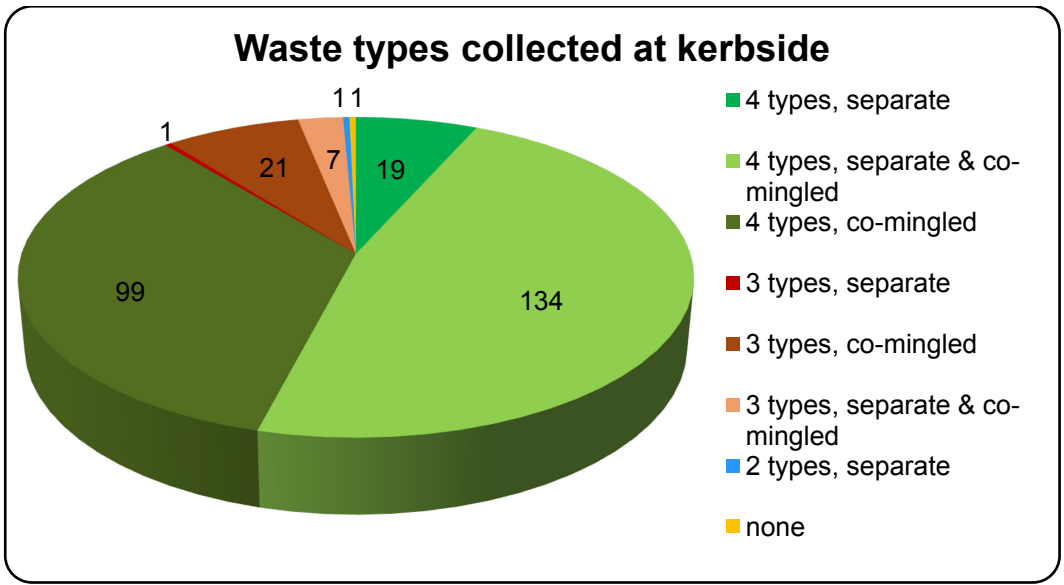
	paper	metal	plastic	glass
<b>Number of WCAs collecting at kerbside</b>	282	282	279	254
<b>% of respondents</b>	99.6%	99.6%	98.6%	89.8%

At the kerbside, the majority of WCAs (252 or 89% of respondents), collect all 4 wastes – see kerbside section for breakdown.

29 WCAs collect only 3 types at the kerbside and most of these (24) collect the wastes as a co-mingled combination of paper, metal and plastic. Only 2 of the 29 WCAs collecting 3 types at the kerbside collect glass at the kerbside - 1 collects the glass separately and the other collects glass co-mingled with metal. Of the WCAs collecting 3 wastes at the kerbside only 1 does not use co-mingled collections and collects the waste (which is paper, metal and glass) separately.

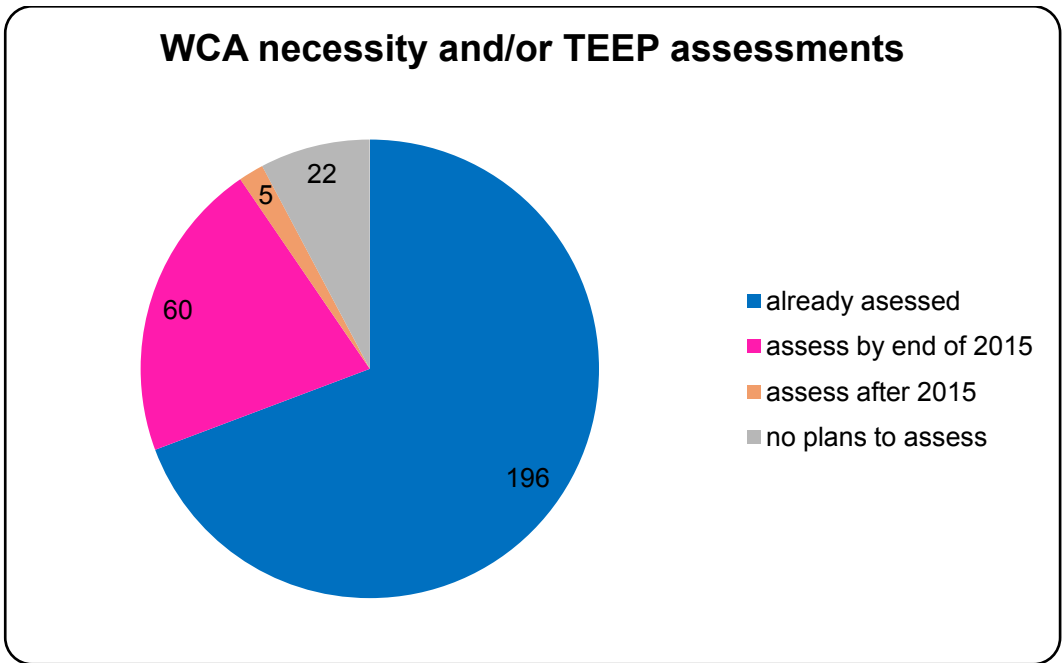
1 WCA collects just 2 types at the kerbside. These are paper and metal and they are collected separately.

No authority collects only 1 type at the kerbside (and 1 WCA does not have kerbside collections).

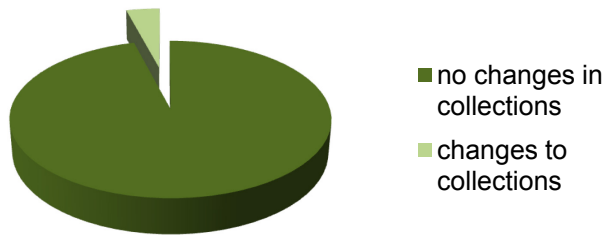


## 7. Necessity and TEEP assessments

Over 90% of WCAs are progressing necessity and/or TEEP assessments with 69% completed and 23% ongoing. 196 WCAs had carried out assessments at the time of the survey, another 60 planned to assess by the end of 2015 and 5 plan to assess in 2016 onwards.



## Assessment outcomes

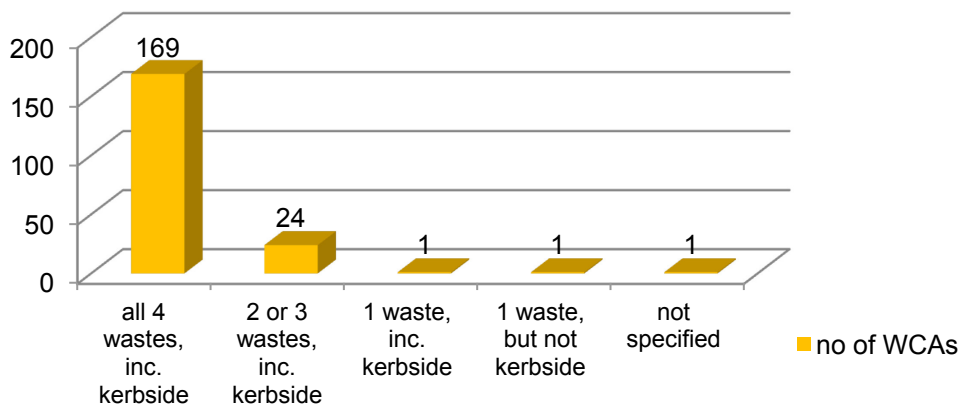


Out of the 196 WCAs that have made assessments already, only 8 WCAs, or 4% of those with assessments, identify any changes to collection methods as a result.

Overall only 22 WCAs have no plans to assess necessity and/or TEEP. Out of these WCAs, 14 make only separate collections of paper, metal, plastic or glass and have no co-mingling. Another 4 WCAs collect over 80% of these wastes through separate collections with only limited co-mingling. The remaining 4 WCAs each collect less than 80% of the wastes separately (the percentages collected separately vary, being 2.5%, 14.5%, 51.5% and 61%).

WCA survey information showed that most assessments cover the main collection method and all 4 wastes. All except 2 cover kerbside collections which is the principal collection method. For the 2 exceptions, one WCA separately collects the wastes but assessed one waste stream at HWRCs, the other used a partner's assessment and did not specify coverage (but it is likely to cover

## Scope of WCA assessments

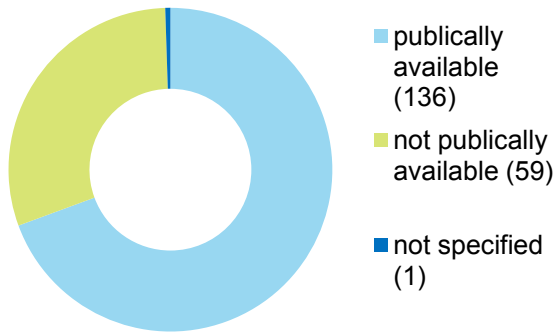


kerbside). Most of the assessments were for all 4 wastes. We asked authorities whether they had made single or combined assessments for the wastes. Many reported having made a single assessment for all 4 wastes.

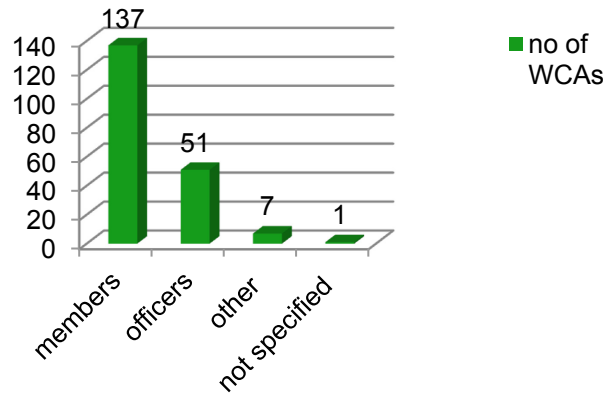
Approval of assessments is primarily through elected members - this accounts for nearly 70% (137 of the 196) of the assessments to date. The remainder are mainly approved by officers (51), with a few WCAs (8) identifying other approval methods.

Generally assessments are being made publically available. Of those completed, 136 or 69% have been made available or were planned to be made available during 2015. (These comprise 106 of the assessments approved by members, 25 of those approved by officers and 5 approved by others.)

### WCA necessity and/or TEEP availability

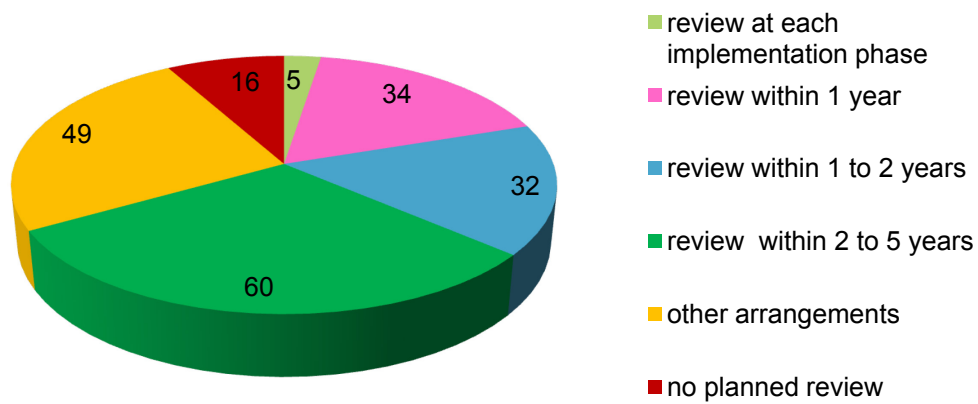


### WCA assessment approval



Most WCAs plan to review their assessments although the timescales vary. Out of the 196 WCAs that have assessed, around two-thirds plan a review within 5 years of approval (36% within 2 years of approval and 30% within 2 to 5 years of approval). A quarter indicates other review arrangements and there were 16 WCAs (8%) that have no plans to review their assessments.

### WCAs review of assessments



## 8. Conclusions

### Main findings

The majority of WCAs carried out assessments in the first half of 2015. Assessments are generally for all 4 waste types (paper, metal, plastic, glass) and for the main collection method, which is kerbside collection. Decision-making shows the majority of assessments are approved by elected members and are publically available.

In most cases where assessments had been completed, the outcome indicates no change in practice is needed. Only 8 authorities that had completed an assessment have identified changes in collection practices as a result of necessity and/or TEEP assessments.

From the information provided, co-mingled kerbside collections are predominant and make up 65% of the total collections by WCAs of these 4 wastes. A reduction in co-mingling and increase in separate collections at the kerbside would have the greatest effect in increasing overall quantities of the 4 wastes that are separately collected by WCAs. This is because only 10% of the 4 wastes are collected by WCAs through non-kerbside methods and these are mainly separate collections. Only very low quantities (less than 50,000t) of the 4 wastes are collected co-mingled by non-kerbside methods, so any changes in non-kerbside provision would have limited impact.

A considerable increase in separately collected tonnages at the kerbside would be needed to achieve a significant percentage increase in separate collections overall. Approximate figures for different levels of change are shown in the table below. These are broad estimates based on the 283 WCA responses received (and do not account for collections by WCAs who did not respond). The estimates also assume no change in other, non kerbside provision.

Co-mingling at kerbside (as % of total collections of the 4 wastes)	% reduction in kerbside co-mingling	Kerbside co-mingled (tonnage)	Kerbside separate (tonnage)	Tonnage change kerbside: from co-mingled to separate collection	Separate collections at kerbside (as % of total collections of the 4 wastes)
<b>65%</b>	no change	2.6mt	1.0mt	no change	35%
<b>60%</b>	↓ 5%	2.39mt	1.21mt	210,000t	40%
<b>55%</b>	↓ 10%	2.19mt	1.41mt	410,000t	45%
<b>50%</b>	↓ 15%	1.99mt	1.61mt	610,000t	50%

In light of the outcomes of assessments and the level of change needed to significantly reduce co-mingled kerbside collections, we expect that kerbside co-mingled collections will remain the principal form of WCA waste collection for paper, metal, plastic and glass.

Survey results show that:

- over 90% of WCAs who responded are progressing assessments and most of these are complete
- assessments usually cover all 4 wastes and kerbside collections
- assessments are not leading to changes in collection methods
- co-mingled kerbside collections remain predominant

## Other outcomes

It would be better if there were more accurate data for paper, metal, plastic and glass collected at HWRCs and bring banks to:

- more clearly identify where there is a lack of provision as opposed to lack of information
- identify the contribution of these and other non-kerbside methods in collecting the 4 wastes

We would like to see necessity and TEEP assessments made publically available with suitable approval. Whilst nearly 70% are being made publically available, other WCAs could consider following this example.

Very few WCAs have co-mingled collections at HWRCs and bring sites. Most of this provision is through separate collections. Whilst tonnages collected via these routes are very low overall, those with co-mingled collections could review whether they could also provide separate collections in keeping with the majority of WCAs.

Most WCAs plan to review their assessments although timescales for this vary considerably. We encourage authorities when reviewing their assessments to check and ensure that the assessment outcome is still valid for their local situation, particularly if the outcome had been for no change in collection methods.

We expect authorities which co-mingle in quantity but who had not completed assessments at the time of the survey to complete these as soon as possible. For the few WCAs that planned to assess after 2015, we encourage them to complete assessments as early as possible and preferably during the first quarter of 2016.

For the 4 authorities who do not plan to assess but who collect less than 80% of the wastes separately, we will remind them of their responsibilities under the regulation.

Similarly for the 38 WCAs that did not submit a survey, we will also remind them of their responsibilities under the regulation. It should be noted that some of these authorities may have completed assessments even though they failed to submit a survey.

## 9. More information

For more information email the Landfill Diversion Monitoring team (part of national Waste and Industry Regulatory Services) at [LDM@environment-agency.gov.uk](mailto:LDM@environment-agency.gov.uk)

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# Annex A: WCAs

The following WCAs provided survey information. We are grateful for their co-operation and participation in this work.

<b>Waste Collection Authority</b>	<b>Authority type</b>
Adur District Council	Collection
Amber Valley Borough Council	Collection
Arun District Council	Collection
Ashfield District Council	Collection
Ashford Borough Council	Collection
Aylesbury Vale District Council	Collection
Barnet LB	Collection
Barnsley MBC	Unitary
Basildon District Council	Collection
Basingstoke and Deane Borough Council	Collection
Bassetlaw District Council	Collection
Bath and North East Somerset Council	Unitary
Bedford	Unitary
Bexley LB	Unitary
Birmingham City Council	Unitary
Blaby District Council	Collection
Bolsover District Council	Collection
Bolton MBC	Collection
Boston Borough Council	Collection
Bournemouth Borough Council	Unitary
Bracknell Forest Borough Council	Unitary
Bradford City MDC (MBC)	Unitary
Braintree District Council	Collection
Breckland Council	Collection
Brent LB	Collection
Brentwood Borough Council	Collection
Brighton and Hove Council	Unitary
Bristol City Council	Unitary
Broadland District Council	Collection
Bromley LB	Unitary
Bromsgrove District Council	Collection



<b>Waste Collection Authority</b>	<b>Authority type</b>
Broxbourne Borough Council	Collection
Broxtowe Borough Council	Collection
Burnley Borough Council	Collection
Calderdale MBC	Unitary
Cambridge City Council	Collection
Camden LB	Collection
Cannock Chase Council	Collection
Carlisle City Council	Collection
Castle Point Borough Council	Collection
Central Bedfordshire	Unitary
Charnwood Borough Council	Collection
Chelmsford Borough Council	Collection
Cheltenham Borough Council	Collection
Cherwell District Council	Collection
Cheshire East	Unitary
Cheshire West and Chester	Unitary
Chesterfield Borough Council	Collection
Chichester District Council	Collection
Chiltern District Council	Collection
Chorley Borough Council	Collection
City of London	Unitary
Colchester Borough Council	Collection
Copeland Borough Council	Collection
Corby Borough Council	Collection
Cotswold District Council	Collection
Council of the Isles of Scilly	Unitary
County Durham	Unitary
Coventry City Council	Unitary
Craven District Council	Collection
Crawley Borough Council	Collection
Dacorum Borough Council	Collection
Darlington Borough Council	Unitary
Dartford Borough Council	Collection
Daventry District Council	Collection
Derby City Council	Unitary
Derbyshire Dales District Council	Collection

<b>Waste Collection Authority</b>	<b>Authority type</b>
Doncaster MBC	Unitary
Dorset Waste Partnership	Unitary
Dover District Council	Collection
Dudley MBC	Unitary
East Cambridgeshire District Council	Collection
East Devon District Council	Collection
East Hampshire District Council	Collection
East Northamptonshire Council	Collection
East Riding of Yorkshire Council	Unitary
East Staffordshire Borough Council	Collection
Eastbourne Borough Council	Collection
Eastleigh Borough Council	Collection
Eden District Council	Collection
Elmbridge Borough Council	Collection
Enfield LB	Collection
Epsom and Ewell Borough Council	Collection
Erewash Borough Council	Collection
Exeter City Council	Collection
Fareham Borough Council	Collection
Fenland District Council	Collection
Forest Heath District Council	Collection
Forest of Dean District Council	Collection
Fylde Borough Council	Collection
Gateshead MBC	Unitary
Gedling Borough Council	Collection
Gloucester City Council	Collection
Gosport Borough Council	Collection
Gravesham Borough Council	Collection
Great Yarmouth Borough Council	Collection
Greenwich LB	Unitary
Guildford Borough Council	Collection
Hackney LB	Collection
Halton Borough Council	Unitary
Hambleton District Council	Collection
Hammersmith and Fulham LB	Collection
Harborough District Council	Collection

<b>Waste Collection Authority</b>	<b>Authority type</b>
Haringey LB	Collection
Harlow District Council	Collection
Harrogate Borough Council	Collection
Harrow LB	Collection
Hart District Council	Collection
Hartlepool Borough Council	Unitary
Hastings Borough Council	Collection
Havant Borough Council	Collection
Havering LB	Collection
Herefordshire Council	Unitary
High Peak Borough Council	Collection
Hillingdon LB	Collection
Hinckley and Bosworth Borough Council	Collection
Horsham District Council	Collection
Hounslow LB	Collection
Huntingdonshire District Council	Collection
Hyndburn Borough Council	Collection
Ipswich Borough Council	Collection
Isle of Wight Council	Unitary
Islington LB	Collection
Kettering Borough Council	Collection
Kings Lynn and West Norfolk Borough Council	Collection
Kingston-upon-Hull City Council	Unitary
Kirklees MBC	Unitary
Lambeth LB	Collection
Lancaster City Council	Collection
Leeds City Council MBC	Unitary
Leicester City Council	Unitary
Lewes District Council	Collection
Lewisham LB	Unitary
Lincoln City Council	Collection
Luton Borough Council	Unitary
Maidstone Borough Council	Collection
Malvern Hills District Council	Collection
Manchester City Council MBC	Collection
Medway Borough Council	Unitary

<b>Waste Collection Authority</b>	<b>Authority type</b>
Melton Borough Council	Collection
Mendip District Council	Collection
Merton LB	Unitary
Mid Devon District Council	Collection
Mid Sussex District Council	Collection
Middlesbrough Borough Council	Unitary
Milton Keynes Council	Unitary
Mole Valley District Council	Collection
New Forest District Council	Collection
Newark and Sherwood District Council	Collection
Newcastle-under-Lyme Borough Council	Collection
Newham LB	Collection
North Devon District Council	Collection
North East Derbyshire District Council	Collection
North East Lincolnshire Council	Unitary
North Hertfordshire District Council	Collection
North Lincolnshire Council	Unitary
North Norfolk District Council	Collection
North Tyneside Council	Unitary
North Warwickshire Borough Council	Collection
Northampton Borough Council	Collection
Northumberland	Unitary
Norwich City Council	Collection
Nottingham City Council	Unitary
Nuneaton and Bedworth Borough Council	Collection
Oadby and Wigston Borough Council	Collection
Oxford City Council	Collection
Pendle Borough Council	Collection
Peterborough City Council	Unitary
Plymouth City Council	Unitary
Portsmouth City Council	Unitary
Preston City Council	Collection
Reading Borough Council	Unitary
Redbridge LB	Collection
Redcar and Cleveland Borough Council	Unitary
Redditch Borough Council	Collection

<b>Waste Collection Authority</b>	<b>Authority type</b>
Reigate and Banstead Borough Council	Collection
Ribble Valley Borough Council	Collection
Richmond upon Thames LB	Collection
Richmondshire District Council	Collection
Rochdale MBC	Collection
Rochford District Council	Collection
Rossendale Borough Council	Collection
Rother District Council	Collection
Rotherham MBC	Unitary
Royal Borough of Kensington and Chelsea	Collection
Royal Borough of Kingston upon Thames	Unitary
Rugby Borough Council	Collection
Rushcliffe Borough Council	Collection
Rushmoor Borough Council	Collection
Rutland County Council	Unitary
Ryedale District Council	Collection
Salford City Council MBC	Collection
Sandwell MBC	Unitary
Scarborough Borough Council	Collection
Sedgemoor District Council	Collection
Sefton MBC	Collection
Selby District Council	Collection
Sevenoaks District Council	Collection
Sheffield City Council	Unitary
Shepway District Council	Collection
Shropshire	Unitary
Slough Borough Council	Unitary
Solihull MBC	Unitary
South Bucks District Council	Collection
South Cambridgeshire District Council	Collection
South Derbyshire District Council	Collection
South Gloucestershire Council	Unitary
South Hams District Council	Collection
South Holland District Council	Collection
South Kesteven District Council	Collection
South Lakeland District Council	Collection

<b>Waste Collection Authority</b>	<b>Authority type</b>
South Norfolk Council	Collection
South Northamptonshire District Council	Collection
South Oxfordshire District Council	Collection
South Ribble Borough Council	Collection
South Somerset District Council	Collection
South Staffordshire Council	Collection
South Tyneside MBC	Unitary
Southampton City Council	Unitary
Southend-on-Sea Borough Council	Unitary
Spelthorne Borough Council	Collection
St Edmundsbury Borough Council	Collection
St Helens MBC	Collection
Stafford Borough Council	Collection
Staffordshire Moorlands District Council	Collection
Stevenage Borough Council	Collection
Stockton-on-Tees Borough Council	Unitary
Stoke-on-Trent City Council	Unitary
Stratford-on-Avon District Council	Collection
Stroud District Council	Collection
Suffolk Coastal District Council	Collection
Sunderland City Council	Unitary
Surrey Heath Borough Council	Collection
Swale Borough Council	Collection
Swindon Borough Council	Unitary
Tameside MBC	Collection
Tandridge District Council	Collection
Taunton Deane Borough Council	Collection
Teignbridge District Council	Collection
Telford and Wrekin Council	Unitary
Tendring District Council	Collection
Test Valley Borough Council	Collection
Tewkesbury Borough Council	Collection
Thurrock Council	Unitary
Tonbridge and Malling Borough Council	Collection
Torbay Council	Unitary
Tower Hamlets LB	Unitary

<b>Waste Collection Authority</b>	<b>Authority type</b>
Trafford MBC	Collection
Tunbridge Wells Borough Council	Collection
Vale of White Horse District Council	Collection
Wakefield City MDC	Unitary
Walsall MBC	Unitary
Waltham Forest LB	Collection
Wandsworth LB	Collection
Warrington Borough Council	Unitary
Warwick District Council	Collection
Watford Borough Council	Collection
Waveney District Council	Collection
Waverley Borough Council	Collection
Wealden District Council	Collection
Wellingborough Borough Council	Collection
Welwyn Hatfield Council	Collection
West Berkshire District Council	Unitary
West Devon Borough Council	Collection
West Lindsey District Council	Collection
West Oxfordshire District Council	Collection
West Somerset District Council	Collection
Westminster City Council	Unitary
Wigan MBC	Unitary
Wiltshire	Unitary
Winchester City Council	Collection
Windsor and Maidenhead Borough Council	Unitary
Wirral MBC	Collection
Woking Borough Council	Collection
Wokingham Council	Unitary
Wolverhampton MBC	Unitary
Worcester City Council	Collection
Worthing Borough Council	Collection
Wychavon District Council	Collection
Wycombe District Council	Collection
Wyre Borough Council	Collection
Wyre Forest District Council	Collection
York City Council	Unitary

# Annex B: survey questions and methodology

We asked WCAs 12 questions about certain aspects of their waste management arrangements to get more information about how WCAs are implementing regulation 13. We asked for information relating to the calendar year 2015 and only for the 4 waste types - paper (including card/ cardboard), metal, plastic and glass. Collection methods were categorised on the form into: kerbside, HWRC, bring site, street bins and other.

We compiled the questions into an excel template. For some answers we provided drop down options, rather than allow free text to be entered. This was to obtain a standard range of answers.

We made initial checks on the forms received and where we thought there might be errors we asked WCAs to review and resubmit as necessary. We then collated information from the forms to get an overall picture for England.

The WCA survey questions are replicated below.

## Section 1: your authority and your details

<b>Q1</b>	<b>WCA name and details of person completing form</b>
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## Section 2: waste quantities

<b>Q2</b>	<b>How much (in tonnes) do you expect to collect separately by this method in 2015 for each type of waste?</b>	<b>Kerbside</b>	<b>HWRC</b>	<b>Bring banks</b>	<b>Street bins</b>	<b>Other</b>
	Glass					
	Paper (including card/cardboard)					
	Plastic					
	Metal					
	Total: all 4					

<b>Q3</b>	<b>How much (in tonnes) do you expect to collect co-mingled by this method in 2015?</b>	<b>Kerbside</b>	<b>HWRC</b>	<b>Bring banks</b>	<b>Street bins</b>	<b>Other</b>
	All 4: paper (including card/cardboard), plastic, metal, glass					
	3: paper (including card/cardboard), plastic, metal					
	3: paper (including card/cardboard), plastic, glass					



Q3	How much (in tonnes) do you expect to collect co-mingled by this method in 2015?	Kerbside	HWRC	Bring banks	Street bins	Other
	3: plastic, metal, glass					
	2: paper (including card/cardboard), plastic					
	2: paper (including card/cardboard), metal					
	2: paper (including card/cardboard), glass					
	2: plastic, metal					
	2: plastic, glass					
	2: metal, glass					
	Total: of all combinations above					

Section 3: assessing necessity and TEEP (technically, environmentally and economically practicable)

Q4	Have you assessed necessity for separate collections, for each type of waste being collected by this method?	Kerbside	HWRC	Bring banks	Street bins	Other
	Glass					
	Paper (including card/cardboard)					
	Plastic					
	Metal					

Q5	Have you assessed if separate collections are TEEP for each type of waste being collected by this method?	Kerbside	HWRC	Bring banks	Street bins	Other
	Glass					
	Paper (including card/cardboard)					
	Plastic					
	Metal					

Q6	Do the separate collections (qu 3) and co-mingled collections (qu 4) represent a change for 2015 following necessity or TEEP assessment?	Kerbside	HWRC	Bring banks	Street bins	Other

Q7	Where carried out, did you make one assessment that covered all 4 waste types, or did you separately assess the different waste types?

Q8	Please provide details of the necessity and TEEP assessment	All 4 waste types	Glass	Paper	Plastic	Metal
	When was assessment approved?					
	Who approved the assessment?					
	Is it publically available?					

Q9	Necessity and TEEP assessment outcome (where carried out)	All 4 waste types	Glass	Paper	Plastic	Metal
	What was the outcome?					
	When was (or will) the outcome implemented?					
	If implementation was (or will be) delayed by more than 6 months after outcome was approved, please give main reasons (choose at least one and up to 3):					
	Reason 1:					
	Reason 2:					
	Reason 3:					
	What are the review arrangements?					

If no assessment has been made yet for one or more of the 4 waste types

Q10	Do you plan to make one assessment that covers all 4 waste types, or to separately assess the different waste types?

Q11	Please explain your plans for any future assessment	All 4 waste types	Glass	Paper	Plastic	Metal
	Do you have plans to assess necessity and TEEP?					
	If yes, when do you plan to complete the assessment?					
	If yes, who will approve the assessment?					

Q12	If no plans to assess necessity and TEEP for any of the 4 waste types, please give reasons
	Please indicate reason

Section 4: prompts to check that the form is complete.

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