

Waste services public api

Two api methods are available to the public to retrieve information about waste collections for a given property. Both methods require a unique property reference number (UPRN) to be provided as the last section of the request url.

GetBinCollectionDataForUprn

```
https://waste-api.york.gov.uk/api/Collections/GetBinCollectionDataForUprn/{uprn}
```

This method will return the details for the previous and next collection dates for Refuse, Recycling and Green collections where applicable.

Example request:

<https://waste-api.york.gov.uk/api/Collections/GetBinCollectionDataForUprn/100050535540>

Example response:

```
{
  "services": [
    {
      "service": "REFUSE",
      "lastCollected": "2021-11-18T00:00:00",
      "nextCollection": "2021-12-02T00:00:00",
      "frequency": "Every alternate Thu",
      "binDescription": "180L GREY RUBBISH BIN x1",
      "wasteType": "General domestic",
      "collectedBy": "City of York Council"
    },
    {
      "service": "RECYCLING",
      "lastCollected": "2021-11-25T00:00:00",
      "nextCollection": "2021-12-09T00:00:00",
      "frequency": "Every alternate Thu",
      "binDescription": "55L BLACK RECYCLING BOX x3",
      "wasteType": "Paper/card, plastic/cans, glass",
      "collectedBy": "City of York Council"
    },
    {
      "service": "GARDEN",
      "lastCollected": "2021-11-19T00:00:00",
      "nextCollection": "2021-12-03T00:00:00",
      "frequency": "Every alternate Fri",
      "binDescription": "180L GREEN GARDEN BIN x1",
      "wasteType": "Garden waste",
      "collectedBy": "City of York Council"
    }
  ]
}
```

GetBinCollectionCalendarForUpnr

<https://waste-api.york.gov.uk/api/Collections/GetBinCalendarDataForUpnr/{upnr}>

This method will return the data for a complete annual cycle of collection dates for a given property in relation to the current date.

If the current month is between January and November inclusively, then the data will run from December of the previous year to the end of November in the current year. If the month is December, then the data will run from start of that month to November of the following year.

NOTE: There is an optional url parameter **nextYear** that can be included to force the date to be treated as though it were currently December.

Example requests:

<https://waste-api.york.gov.uk/api/Collections/GetBinCalendarDataForUpnr/100050535540>

<https://waste-api.york.gov.uk/api/Collections/GetBinCalendarDataForUpnr/100050535540?nextYear=true>

Example response (actual response is much longer):

```
{
  "collections": [
    {
      "roundType": "REFUSE",
      "date": "2020-12-03T00:00:00"
    },
    {
      "roundType": "RECYCLING",
      "date": "2020-12-10T00:00:00"
    },
    {
      "roundType": "REFUSE",
      "date": "2020-12-17T00:00:00"
    },
    {
      "roundType": "RECYCLING",
      "date": "2020-12-23T00:00:00"
    }
  ]
}
```