

WasteDataFlow

Welcome to WasteDataFlow online
training!

WDF Reports

WasteDataFlow

From

Numbers

to

Knowledge

WasteDataFlow Reports

- Background
 - Time Periods
 - Data Levels
 - what they mean
 - who can see them
 - what happens to data
 - C-variables & what they are
- Report Types
 - Summary Reports
 - Data Authorisation Sheets

WasteDataFlow

Time periods – monthly

- Most information is entered monthly into WasteDataFlow.
- Some authorities use all months.
- Some authorities put all the data for a quarter into the quarter's final month.
- For the reporting this data is collated into a single quarterly figure.

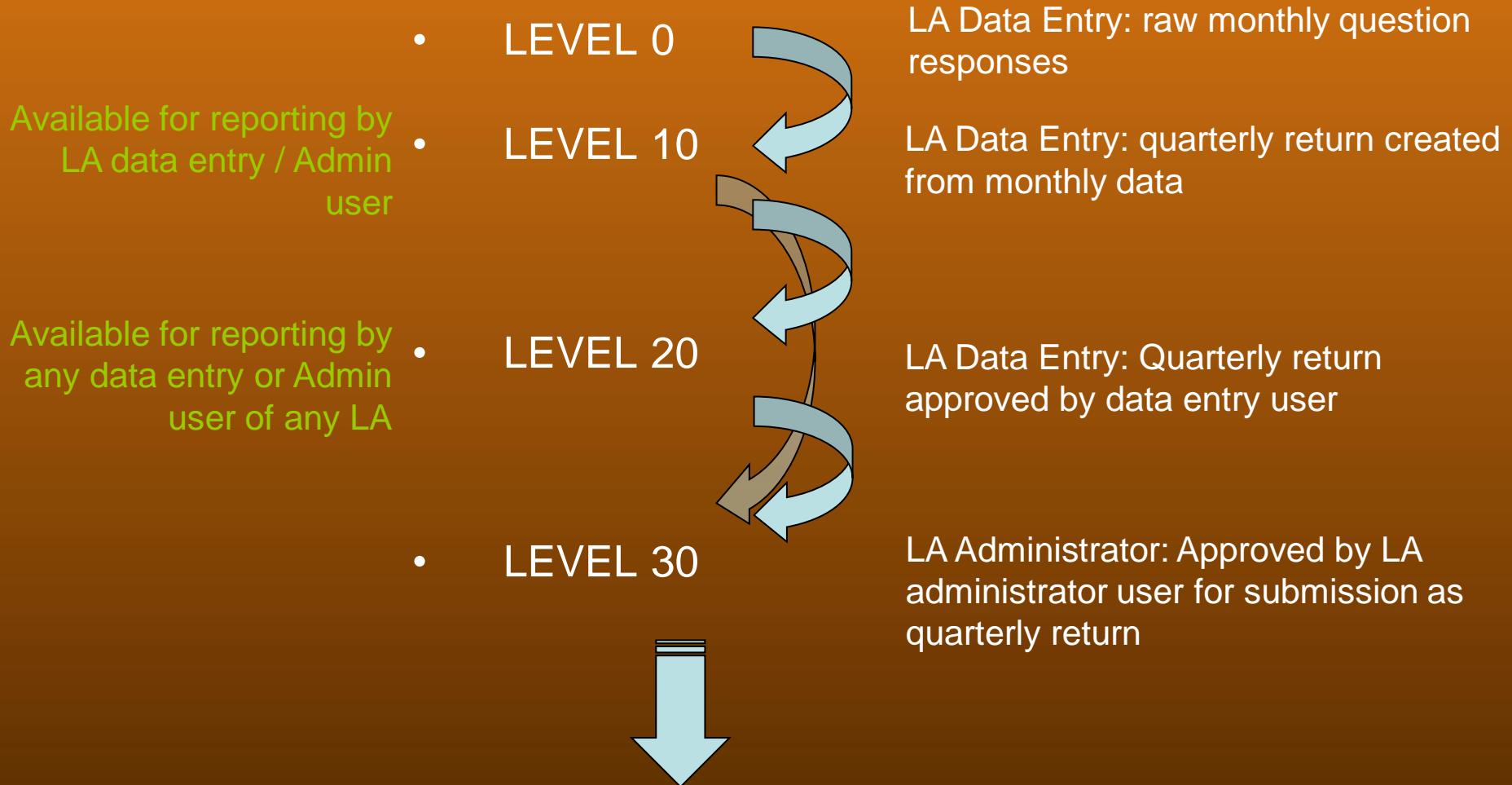
Time periods – quarterly

- Quarterly data is made up of consolidated monthly data.
- Quarterly was the LATS return frequency.
- Most reports can be run against quarterly data.
- Reports allow multiple quarters to be selected and some show a total or average column as well as the individual quarters' values.

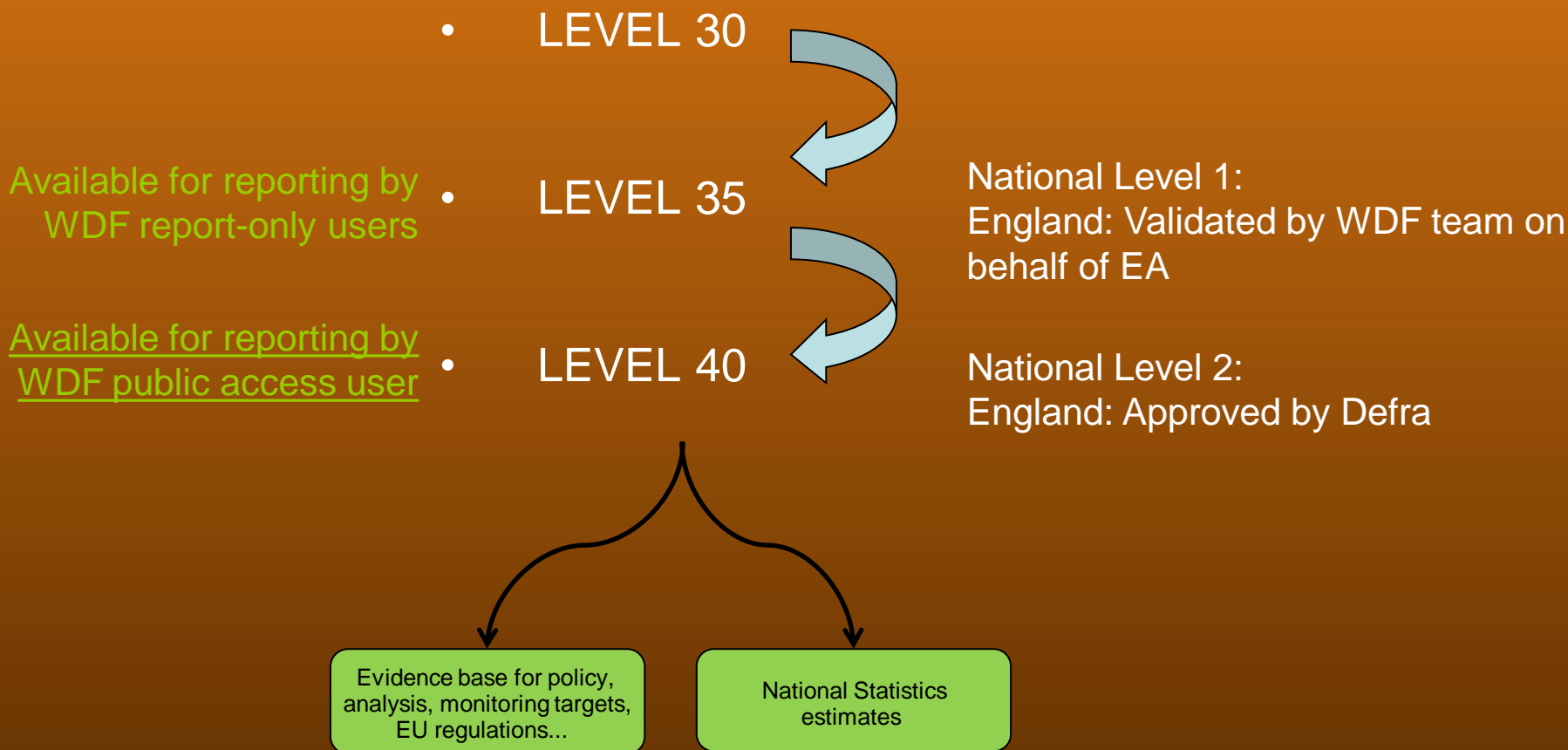
Time periods – annual

- Some annual questions (types of premises with regular collections, net costs of waste collection and waste disposal).
- Annual questions are NOT compulsory and are NOT validated by WDF.
- Some quarterly information is consolidated to annual to allow reporting.

Data levels within Local Authority



Data levels after Local Authority



Available reporting methods

- Summary Reports:
 - Performance Indicators (PI), including National Indicators (NI) and Best Value Performance Indicators (BVPI)
 - Analytical Reports
 - Question Reports
 - Raw data download.
- Download of raw data in .xlsx format.
- Data Authorisation screen reports can also provide useful data for your own LA.

Summary Reports

- Accessible to all types of user.
- What data can be seen is controlled by user level.
- Delivers output in a formatted Excel style
 - Makes for easy reading
 - Makes for straightforward further analysis by the user.
- Some make use of 'c-variables'.

WasteDataFlow

- Choose which country's reports to run
- Choose report type
- Choose period (quarterly or annual)
- Select from the reports available given the filters chosen above

WasteDataFlow

Home Data Reports Management Log Off Help
User : Anne Robinson Authority : Development

This is the primary reporting page for WasteDataFlow. Please select a report, one or more authorities and one or more periods and then click Run Report. More detail is available by clicking the Help Button. ?

Report Selection

National Region: England Wales NI Scotland

Report Type: PI Analytical

Period Type: Quarterly Annual

Report: Bvpi82a - HH Waste Sent For Recycling

Run Report

Select Authority

List: England

- Adur District Council
- Allerdale Borough Council
- Alnwick District Council
- Amber Valley Borough Council
- Arun District Council
- Ashfield District Council
- Ashford Borough Council
- Aylesbury Vale District Council
- Babergh District Council
- Barking and Dagenham LB
- Barnet LB
- Barnsley MBC

394 authorities selected.

Family Group: Nearest Neighbour

Search Remove Clear

Select Periods

Available Periods:

- Jul 08 - Sep 08
- Apr 08 - Jun 08
- Jan 08 - Mar 08
- Oct 07 - Dec 07
- Jul 07 - Sep 07
- Apr 07 - Jun 07
- Jan 07 - Mar 07
- Oct 06 - Dec 06
- Jul 06 - Sep 06
- Apr 06 - Jun 06

Selected Periods:

Sorting Report Output

Sort by: Authority

then by: Authority

finally by: Authority

Run Report

Trusted sites

Some legacy reports won't run with Qu100 data

- To avoid confusion, a block has been placed on running non Qu100 reports for periods where Qu100 data is present; or for Qu100 reports where no Qu100 data is present.
- All English LAs used the old (non Qu100) question set up to March 2014.
- Between April 2014 and March 2015 a trial group of LAs used Qu100, starting with about 60 in Qtr 1, increasing to 100 by Qtr 4. The remaining LAs continued to use the old question set.
- All English LAs used Qu100 from April 2015.

From Apr-Jun 2014 a trial group of English LAs started to report data into Qu100 and this question came into use for all English LAs from Apr - Jun 2015 onwards. The report you have selected does not support Qu100 and so it has been disabled for LAs using this question after its introduction.

100 selected authorities are not eligible for inclusion on this report. Do you wish to run the report without them ?

[Download Excluded Authorities](#)

Available PI reports for England (pre Qu100) – National Indicators

- NI191 - Residual HH waste per household.
- NI192 (WCA and UA) - Percentage HH waste sent for reuse, recycling or composting.
- NI192 (WDA) - Percentage HH waste sent for reuse, recycling or composting.
- NI193 (UA) - Percentage municipal waste sent to landfill.
- NI193 (WDA) - Percentage municipal waste sent to landfill.
- NI191, 192, 193 summary.

Available PI reports for England (pre Qu100) – BVPI reports

- Bvpi82a – HH waste sent for recycling
- Bvpi82b – HH waste sent for composting
- Bvpi82c – HH waste sent for energy recovery
- Bvpi82d – HH waste sent for landfill
- Bvpi84a – HH waste collected (Kg per head)
- Bvpi84b – HH waste collection % change on previous year
- Bvpi86 – Cost of household waste collection per household
- Bvpi87 – Cost of municipal waste disposal
- Bvpi91a – Kerbside collection of 1 recyclable
- Bvpi91b – Kerbside collection of 2 recyclables

Available PI reports for England Qu100 – NI and BVPI comparators

- For all English LAs from 2015/16 onwards
- For some Qu100 trial LAs during 2014/15.

- Qu100 PI Summary (WCA)
- Qu100 PI Summary (WDA)
- Qu100 PI Summary (UA)
- They contain NI191/192/193 and BVPI 82a-d & 84a as applicable to the LA type.

Analytical reports for England

- LACW by Management Method (UA & WDA) – *(Not Qu100)*
- Total Collected Residual Waste
- Total Waste Sent for Recycling, Composting and Reuse (UA & WCA) – *(Not Qu100)*
- Total Waste Sent for Recycling, Composting and Reuse (WDA) – *(Not Qu100)*
- LACW by final Disposal Route (WDA) – *(Not Qu100)*
- LACW by final Disposal Route (UA) – *(Not Qu100)*
- Destination Report – *(Not Qu100)*
- Primary Reprocessor Report
- APSE Report – *(Not Qu100)*
- Pre 2012-13 LATS Summary – *(Not Qu100)*
- Pre 2012-13 LATS Detail – *(Not Qu100)*
- LATS Summary – *(Not Qu100)*
- LATS Detail – *(Not Qu100)*
- Q100 Recycling Report

WasteDataFlow

Selecting Authorities

- Choose authorities to include:
 - pick existing lists,
 - pick authorities individually or
 - use a combination
- Select either a default list or a list you have already created.
- ‘Select’: add to your current selections
- ‘Remove’: remove individual authorities
- ‘Clear’: remove all
- ‘Search’: find and add authorities not in lists
- ‘Family group’: allows you to add similar authorities

The screenshot displays the WasteDataFlow web application interface. At the top, the title 'WasteDataFlow' is centered. Below it is a navigation bar with tabs for 'Home', 'Data', 'Reports', 'Management', 'Log Off', and 'Help'. The user is identified as 'Anne Robinson' and the authority as 'Development'. A message states: 'This is the primary reporting page for WasteDataFlow. Please select a report, one or more authorities and one or more periods and then click Run Report. More detail is available by clicking the Help Button.' The main area is divided into several sections: 'Report Selection' with radio buttons for 'National Region' (England, Wales, NI, Scotland), 'Report Type' (PI, Analytical), and 'Period Type' (Quarterly, Annual); a 'Report' dropdown menu set to 'Bvpi82a - HH Waste Sent For Recycling'; a 'Run Report' button; 'Select Authority' with a list of councils and a 'Select' button; 'Select Periods' with 'Available Periods' and 'Selected Periods' boxes; 'Sorting Report Output' with dropdowns for 'Sort by:', 'then by:', and 'finally by:'; and a 'Run Report' button at the bottom right. A yellow box highlights the text '394 authorities selected.' at the bottom of the authority list.

Lists displayed

- List(s) you create are shown at the top of the 'Select Authority' drop-down.
- Next are three groups related to your user account:
 - Those authorities you can authorise
 - Your authority (a group of one)
 - Those authorities you can enter data for
- The remaining groups are pre-defined regional groups (in alphabetical order)

The screenshot shows a web interface titled "Select Authority". It features a "List" dropdown menu with a search bar and a "Select" button. The dropdown menu is open, displaying a list of authorities: "new reporting list", "Test 1", "Authority Authorisation", "Own Authority", "Data Entry", "Arc21", "E Midlands", "Eastern", "England", "London", "North East", "North West", "NWRWMG", "Scotland", "South East", "South West", "SWaMP", "W Midlands", "Wales", and "Yorkshire and Humber". To the right of the dropdown are buttons for "Search", "Remove", and "Clear". At the bottom, there is a "Family Group" dropdown menu with "Nearest Neighbour" selected, and "Add" and "Remove" buttons.

Create your own lists

- Under Management menu, My Authorities
- Create new list: give the list a name in 'Description of new list' box, then press 'Create New List' button
- The name will appear in the drop-down with any lists you had previously created
- Choose the name from the list and the screen refreshes to show you a selection box.
- Use the 'Add Authority to List' button

The screenshot displays the WasteDataFlow web application interface. At the top, there is a navigation menu with the following items: Home, Data, Reports, Management, Log Off, and Help. Below the menu, the user's current session is shown as 'User : level 20' and 'Authority : Development'. A help icon (?) is visible in the top right corner.

The main content area is divided into two sections. The upper section contains a prompt: 'Please choose the selection list you wish to manage:'. Below this prompt is a dropdown menu currently showing 'new reporting list' and a 'Delete Selected List' button. The lower section contains a text input field labeled 'Description of new list:' and a 'Create New List' button.

Below these sections, a dark grey panel displays the details for the selected 'new reporting list'. It includes the following fields and labels: Authority Name:, AC Number:, LA Code:, Country:, and Authority Type:. An 'Add Authority to List' button is located at the bottom left of this panel.

Create your own lists

- Find the authority, tick 'Add to List' box(es)
- Click 'Add Authority to List'
- Repeat the process to:
 - add more selections to the same list or
 - to make more lists.

Home Data Reports Management Log Off Help

User : level 20 Authority : Development

Name: Region: Eastern Authority Type: Disposal

Search

Authority Details

	Authority Name:	AC Number:	LA Code:	Country:	Authority Type:	Add to List:
View	Bedfordshire County Council	83.2	M0200	England	Disposal	<input type="checkbox"/>
View	Cambridgeshire County Council	86.2	G0500	England	Disposal	<input type="checkbox"/>
View	Essex County Council	98.2	Z1585	England	Disposal	<input type="checkbox"/>
View	Hertfordshire County Council	100	M1900	England	Disposal	<input type="checkbox"/>
View	Norfolk County Council	107	X2600	England	Disposal	<input type="checkbox"/>
View	Suffolk County Council	116	V3500	England	Disposal	<input type="checkbox"/>

Add Authority to List Cancel

Build ad hoc list – ‘Search’ button

- Multiple options for filtering the list of authorities, including:
 - Name and type
 - Population
 - Index of Deprivation
 - Dwelling stock
- Press ‘Go’ to search
- Check bottom of screen for multiple pages returned
- Re-filtering and pressing ‘Go’ shows ticked authorities and the results of the new filter (still alphabetical)
- Click ‘Save & Exit’ to add the ticked authorities to your report selection box.

WasteDataFlow

Build ad hoc list – ‘Search’ button

WasteDataFlow

User : Julian Fox Authority : Development

Select Authorities

Authority Name

National Region

Region

Population between: and

Index of Deprivation (IoD) between: and

Land Area between: and ha.

Dwelling Stock between: and

Local Authority Type

JPP Order

LA Code

Authority Name	National Region	Region	Population	IoD	Land Area	Dwelling Stock	LA Type	JPP Order	LA Code
<input type="checkbox"/> Adur District Council	England	South East	60300	17.01	4200	27294	Collection	346	Y3805
<input type="checkbox"/> Aberdeen City	Scotland	Scotland	206880	21	18576	109425	Unitary	0	N/A
<input type="checkbox"/> Aberdeenshire	Scotland	Scotland	236260	30	631259	105503	Unitary	0	N/A
<input type="checkbox"/> Allerdale Borough Council	England	North West	94300	22.92	124200	44806	Collection	40	R0905
<input type="checkbox"/> Alnwick District Council	England	North East	32000	16.14	108000	16036	Collection	19	A2905
<input type="checkbox"/> Amber Valley Borough Council	England	E Midlands	120000	18.89	26500	53667	Collection	104	M1005

Question Report

- One report for single or multiple questions.
- Run reports for one authority and one period at a time ONLY.
- Excel spreadsheet, with a separate worksheet for each selected question.
- Questions in report are presented in a similar layout to the online WDF questions.
- No Question report for Qu100 due to the flexibility of the question.

Raw Data download

- Downloading of “raw” data for your own manipulation.
- Data downloaded .xlsx format.
- Can download for multiple authorities, periods & questions.
- Use raw data to produce your own reports, graphs etc. in a spreadsheet program.

Raw Data download

- Core Dataset available from Guidance page.
- We recommend Raw Data is downloaded in zipped format and excluding blank data.
- Zipping the data allows for more data to be downloaded at once. If the report is not zipped only the first 4,000 rows of data will be included.
- Available to public users (for data that has reached L40).

WasteDataFlow

Raw data

	A	B	C	D	E	F	G	H	I	J	K	L
1	This file contains data (subject to change) for the selected authorities and periods only if returns have been completed.											
2	Authority	Period	Questio	QuText	CollateTex	RowText	ColText	data	rowOrder	colOrder	rowldent	colldent
3	Angus	Jan 07 - Mar 07	Q010	Tonnes of material co	Green glass	Material		-	1	0	738	20
4	Angus	Jan 07 - Mar 07	Q010	Tonnes of material co	Green glass	Tonnage collected for recycling		-	1	1	738	21
5	Angus	Jan 07 - Mar 07	Q010	Tonnes of material co	Green glass	Tonnage collected for recycling b		-	1	2	738	22
6	Angus	Jan 07 - Mar 07	Q010	Tonnes of material co	Green glass	No. of households receiving a col		-	1	3	738	61
7	Angus	Jan 07 - Mar 07	Q010	Tonnes of material co	Green glass	Tonnage Collected for Reuse		-	1	4	738	62
8	Angus	Jan 07 - Mar 07	Q010	Tonnes of material co	Green glass	Tonnage Collected for reuse but a		-	1	5	738	63
9	Angus	Jan 07 - Mar 07	Q010	Tonnes of material co	Green glass	Collected Co-mingled?		-	1	6	738	342
10	Angus	Jan 07 - Mar 07	Q010	Tonnes of material co	Brown glass	Material		-	2	0	739	20
11	Angus	Jan 07 - Mar 07	Q010	Tonnes of material co	Brown glass	Tonnage collected for recycling		-	2	1	739	21
12	Angus	Jan 07 - Mar 07	Q010	Tonnes of material co	Brown glass	Tonnage collected for recycling b		-	2	2	739	22
13	Angus	Jan 07 - Mar 07	Q010	Tonnes of material co	Brown glass	No. of households receiving a col		-	2	3	739	61
14	Angus	Jan 07 - Mar 07	Q010	Tonnes of material co	Brown glass	Tonnage Collected for Reuse		-	2	4	739	62
15	Angus	Jan 07 - Mar 07	Q010	Tonnes of material co	Brown glass	Tonnage Collected for reuse but a		-	2	5	739	63
16	Angus	Jan 07 - Mar 07	Q010	Tonnes of material co	Brown glass	Collected Co-mingled?		-	2	6	739	342
17	Angus	Jan 07 - Mar 07	Q010	Tonnes of material co	Clear glass	Material		-	3	0	740	20
18	Angus	Jan 07 - Mar 07	Q010	Tonnes of material co	Clear glass	Tonnage collected for recycling		-	3	1	740	21
19	Angus	Jan 07 - Mar 07	Q010	Tonnes of material co	Clear glass	Tonnage collected for recycling b		-	3	2	740	22
20	Angus	Jan 07 - Mar 07	Q010	Tonnes of material co	Clear glass	No. of households receiving a col		-	3	3	740	61
21	Angus	Jan 07 - Mar 07	Q010	Tonnes of material co	Clear glass	Tonnage Collected for Reuse		-	3	4	740	62
22	Angus	Jan 07 - Mar 07	Q010	Tonnes of material co	Clear glass	Tonnage Collected for reuse but a		-	3	5	740	63
23	Angus	Jan 07 - Mar 07	Q010	Tonnes of material co	Clear glass	Collected Co-mingled?		-	3	6	740	342
24	Angus	Jan 07 - Mar 07	Q010	Tonnes of material co	Mixed glass	Material		-	4	0	741	20
25	Angus	Jan 07 - Mar 07	Q010	Tonnes of material co	Mixed glass	Tonnage collected for recycling		299.28	4	1	741	21
26	Angus	Jan 07 - Mar 07	Q010	Tonnes of material co	Mixed glass	Tonnage collected for recycling b		-	4	2	741	22
27	Angus	Jan 07 - Mar 07	Q010	Tonnes of material co	Mixed glass	No. of households receiving a col		42582	4	3	741	61
28	Angus	Jan 07 - Mar 07	Q010	Tonnes of material co	Mixed glass	Tonnage Collected for Reuse		-	4	4	741	62
29	Angus	Jan 07 - Mar 07	Q010	Tonnes of material co	Mixed glass	Tonnage Collected for reuse but a		-	4	5	741	63
30	Angus	Jan 07 - Mar 07	Q010	Tonnes of material co	Mixed glass	Collected Co-mingled?		-	4	6	741	342
31	Angus	Jan 07 - Mar 07	Q010	Tonnes of material co	Paper	Material		-	5	0	742	20
32	Angus	Jan 07 - Mar 07	Q010	Tonnes of material co	Paper	Tonnage collected for recycling		937.71	5	1	742	21

Making information out of data

- To produce reports, the question answers need to be matched to waste policy etc., e.g.
 - do we include rubble in this figure?
 - what about waste from incineration?
- To ensure a standard approach this matching is done by WDF.
- This is achieved by using a set of pre-calculated numbers called calculated variables (c-variables).

Calculated variables (c-variables)

- C-variables are the building blocks of reports,
- Some based on question answers, others on other c-variables
 - $C205 = \text{Total household waste, being } C17 + C21$
 - $C17 = \text{Qu23 Household Residual Waste}$
 - $C21 = \text{Qu10,12,16,17,33,34 Collected for recycling (Excluding rubble) plus Qu18 Household.}$
 - $C201 = \text{Household dry recycling, being } C1 - C2 + C3 - C6 * (C1 - C2 + C3) / (C1 - C2 + C4 - C5 + C3 + C45) - C7 * (C8 - C9) / (C8 - C9 + C10 - C11)$

C-variables in action – Q100 Recycling Report

- The Q100 Recycling Report is populated with raw data related to Qu100 final destination tonnages.
- It also needs collection question data for the Hhld / WfH factors; these come in the form of C-Vars.

Period	Q11 NH Collected For Recycling (excl green, other compost, rubble)	Q10, 12, 16, 17, 33, 34 Co-mingled Collected	Q11 Co-Mingled Collected	Q14 Co-Mingled Collected	Q23 HH Residual Waste	Q23 NH Residual Waste	Q10, 12, 16, 17, 33, 34 Collected For Recycling (excl rubble) plus Q18 HH	Q1 R
	C4	C8	C10	C14	C17	C18	C21	
Jan 18 - Mar 18	0.00	1,840.49	0.00	0.00	5,397.31	698.09	3,176.89	
Jan 18 - Mar 18	0.00	2,170.68	0.00	0.00	5,309.30	12.20	2,371.04	
Jan 18 - Mar 18	0.00	1,726.37	0.00	0.00	7,901.84	392.35	2,104.40	
Jan 18 - Mar 18	0.00	2,007.66	0.00	0.00	5,332.19	499.83	2,829.69	
Jan 18 - Mar 18	0.00	1,888.88	0.00	0.00	7,588.74	718.88	2,788.85	

Data Authorisation reports

- Designed primarily as tools to support the data entry process.
- Data updates each time the period is rolled up to L10.
- Downloadable Summary and PI reports for authorities you have access rights to.
- N.B. not available to Report only users or Public users.




The screenshot shows the WasteDataFlow web application interface. At the top, there is a navigation menu with links for Home, Data, Reports, Management, Log Off, and Help. Below the menu, the user is identified as 'National Level 1' and the authority as 'Development'. A dropdown menu shows 'Gedling Borough Council'. A yellow banner indicates 'Data Waiting Approval' with a note to click '+' for audit trails. The main content is a table with columns for Period, Authority, Level, and icons for QUES, SUM, and PI reports.

	Period	Authority	Level						
+	Oct 13 - Dec 13	Gedling Borough Council	35						
+	Jul 13 - Sep 13	Gedling Borough Council	40						
+	Apr 13 - Jun 13	Gedling Borough Council	40						

WasteDataFlow

PI Report

- Accessed via the PI link 
- Contains a breakdown of the workings for each NI and BVPI applicable to the authority type.
- Summary tab links back to the detail tab which in turn links to the various 'Data tables', where you can review how your data is used line by line.

NI191: Residual Household Waste per Household (Provisional)

	Q1 2014/15	Q2 2014/15	Q3 2014/15	Q4 2014/15	Total For 2014/15	
HH waste not sent for recycling, reuse or composting	9,591.33	9,066.06	7,286.03	9,030.04	34,973.46	tonnes
Number of households	82,060.00	82,060.00	82,060.00	82,060.00	82,060.00	dwellings
Residual HH Waste	116.88	110.48	88.79	110.04	426.19	Kg / Household

*From Detail Tab
CVAR*

Root Household Source Split Completed?	Source				Tonnes		
	From Residual Collections Ratio	Via a MRF Ratio	From segregated collections ratio	User defined Ratio	Tonnage to count in NI192 Numerator	Tonnage to count in BVPI82a Numerator	Tonnage to count in BVPI82b Numerator
No		100.00%			1266.90	1266.90	
No		100.00%			204.83	204.83	
No		100.00%			54.06	54.06	
No		100.00%			207.08	207.08	
No			100.00%		4784.62		
No			100.00%		3.96	3.96	
No			100.00%		2.58	2.58	

Guidance and help

- Two guidance sections:
 - Introduction found in in Home section via “Guidance”.
 - England guidance page also found in Data Manager via “Help”.
- Introduction:
 - Core Dataset (all questions by region and LA type)
 - System manual including Full list of reports and Reporting
- England guidance:
 - Comparator calculation for NI191-192 and BVPI82a/b from Q100
 - NI Calculations pre-Q100
- Contact WDF Helpdesk on 0845 6000 890 or helpdesk@wastedataflow.org

WasteDataFlow

Feedback!

Please give feedback on this session so we can improve future training.

[WDF training feedback form](#)