

# Chapter 13

## Non financial measures

### Sewerage properties and population

Covering:  
Properties  
Population

# Non financial measures

## Chapter 13

### Sewerage properties and population

#### Guidance

This table has three blocks and a total of 10 lines. It covers:

- **Properties**

Includes a breakdown of all measured and unmeasured households and non-household properties, including an analysis of the totals connected to the sewerage system and those receiving treatment. These figures should be an average for the report year.

**Domestic** includes domestic drainage of factories, offices, commercial premises and households; and excludes trade effluent.

**A property** is defined as being the subject of a separate sewerage charge, and being occupied as a domestic household, or used for public, commercial or industrial purposes.

Where a property is uneconomic to bill (for example lock-up garages) they should not be included in the data reported in this table. Instead, please report the number of these properties in your commentary.

- **Population**

This records the total connected population which comprises resident and non-resident population. In calculating total population NI Water will need to estimate its non resident population. Non-resident population should include holiday and tourist population. The company is to include in the commentary a statement detailing the estimation method used including the date of the data on which the estimate is made. An acceptable method would be to obtain from the tourist board estimates of the number of bed spaces available for non-residents. Except where there is firm evidence to the contrary, undertakers should assume a two-thirds occupancy rate for four months in the year. Where there is such evidence, it should be stated in the commentary. NI Water should not include any allowance for daily commuters or day visitors.

Population figures should be consistent with NISRA estimates of mid year resident population, which are based upon the latest available census returns. Population figures should only differ from NISRA estimates where such differences are based on sound evidence. Where there is such evidence, it should be stated in the commentary. An acceptable method for deriving the sewerage connected population would be to pro-rate the total population connected for water by the proportion of water households that are also billed for sewerage. Where other methods have been adopted, this should be stated in the commentary.

For definition of household and non-household see Chapter 7.

The information in this table is used for the sewage collected unit cost analysis, and Principal Statements and associated additional information (for tariff and charging issues). NI Water must include inset appointments as they are part of the regulated business.

**Provision of sewerage service to Billed Customers**

Where reference is made in tables to 'billed household and billed non-household', this should be taken as the provision of sewerage services to customers whether they are billed directly (non-domestic customers) or payment is made by DRD on their behalf as a third party consideration (domestic and non-domestic customers).

**Company commentary**

NI Water should:

- provide details of the amounts included for any inset appointments in the relevant lines;
- comment on any significant changes in data reported over the previous year; and
- highlight any changes in methodology over the previous year.

**Additional information**

In the supporting commentary to table 13, NIW should provide the following customer numbers for the respective groups detailing any assumptions made.

**Unmetered sewerage household**

- NIW to provide customer numbers for unmetered household connected properties for the sewerage service as at 1<sup>st</sup> April 2010, 31<sup>st</sup> March 2011 and 1<sup>st</sup> December 2010.
- NIW to provide customer numbers for 'billable' unmetered household connected properties for sewerage service as at 1<sup>st</sup> April 2010, 31<sup>st</sup> March 2011 and 1<sup>st</sup> December 2010 in the event of them differing from connected property numbers.
- Basis and rationale for calculating financial year customer numbers- i.e. average of year start and end values, midpoint, etc.

**Unmetered sewerage non household**

- NIW to provide customer numbers for unmetered non household connected properties for the sewerage service as at 1<sup>st</sup> April 2010, 31<sup>st</sup> March 2011 and 1<sup>st</sup> December 2010.
- NIW to provide customer numbers for 'billable' unmetered non household connected properties for sewerage service as at 1<sup>st</sup> April 2010, 31<sup>st</sup> March 2011 and 1<sup>st</sup> December 2010 in the event of them differing from connected property numbers.
- Basis and rationale for calculating financial year customer numbers- i.e. average of year start and end values, midpoint, etc.

**Metered non household sewerage**

- NIW to provide customer numbers for metered non household connected properties for the sewerage service as at 1<sup>st</sup> April 2010 and 31<sup>st</sup> March 2011.
- NIW to provide customer numbers for 'billable' metered non household connected properties for sewerage service as at 1<sup>st</sup> April 2010 and 31<sup>st</sup> March 2011 in the event of them differing from connected property numbers.
- Basis and rationale for calculating financial year customer numbers- i.e. average of year start and end values, midpoint, etc.

**Voids**

- Voids for sewerage service as at 1<sup>st</sup> April 2010 and 31<sup>st</sup> March 2011 and the basis and rationale for calculating customer numbers included in table 13- i.e. average of year start and end values, midpoint, etc.

**Guidance to Reporters**

The Reporter should:

- comment on the systems and methodology for estimating the table components, with particular reference to the linkage with the equivalent components in the water service and consistency with billing records.

## Table 13 line definitions

### A PROPERTIES

|                        |   |     |     |
|------------------------|---|-----|-----|
| <b>1</b>               | Households properties connected during the year   | 000 | 3dp |
| <b>Definition</b>      | The number of new household properties added for each period within NI Water's area of supply during the report year. |     |     |
| <b>Primary Purpose</b> | Informing relative performance and efficiency assessments.  |     |     |
| <b>Processing rule</b> | Input   |     |     |
| <b>Responsibility</b>  | Regulatory Finance Team   |     |     |

|                        |   |     |     |
|------------------------|---|-----|-----|
| <b>2</b>               | Non-households properties connected during the year   | 000 | 3dp |
| <b>Definition</b>      | The number of new non-household properties added for each period within NI Water's area of supply during the report year. |     |     |
| <b>Primary Purpose</b> | Informing relative performance and efficiency assessments.  |     |     |
| <b>Processing rule</b> | Input   |     |     |
| <b>Responsibility</b>  | Regulatory Finance Team   |     |     |

### B BILLING

|                        |   |     |     |
|------------------------|---|-----|-----|
| <b>3</b>               | Households billed unmeasured sewage   | 000 | 3dp |
| <b>Definition</b>      | Average number of households billed for unmeasured sewerage within the undertaker's area. Exclude void properties.<br><br>Households are properties (normally occupied) whose domestic sewage is collected. This does not include factories, offices or commercial premises. It also excludes mixed/commercial properties, and multiple household properties, e.g. blocks of flats. |     |     |
| <b>Primary Purpose</b> | Informing relative performance and efficiency assessments.  |     |     |
| <b>Processing rule</b> | Input   |     |     |
| <b>Responsibility</b>  | Comparative Efficiency and Performance Team   |     |     |

|                        |  |     |     |
|------------------------|--|-----|-----|
| <b>4</b>               | Households billed measured sewage  | 000 | 3dp |
| <b>Definition</b>      | Average number of households billed for measured sewerage within the undertaker's area. Exclude void properties.<br><br>Include households billed for measured water supply where sewerage bills are based on value of water supplied. |     |     |
| <b>Primary Purpose</b> | Informing relative performance and efficiency assessments.   |     |     |
| <b>Processing rule</b> | Input  |     |     |
| <b>Responsibility</b>  | Comparative Efficiency and Performance Team  |     |     |

|                        |   |     |     |
|------------------------|---|-----|-----|
| <b>5</b>               | Households billed sewage  | 000 | 3dp |
| <b>Definition</b>      | The total number of households billed for sewage within NI Water's area. Exclude void properties. |     |     |
| <b>Primary Purpose</b> | Informing relative performance and efficiency assessments.  |     |     |
| <b>Processing rule</b> | Calculated: sum of lines 3 and 4  |     |     |
| <b>Responsibility</b>  | Comparative Efficiency and Performance Team   |     |     |

|                        |   |     |     |
|------------------------|---|-----|-----|
| <b>6</b>               | Non-households billed unmeasured sewage   | 000 | 3dp |
| <b>Definition</b>      | Average number of non-household properties billed for unmeasured sewerage.<br><br>Non-households are defined as properties whose domestic sewage is collected but are not occupied as domestic premises, i.e. domestic supplies to factories, offices and commercial premises, cattle troughs. Also include properties containing multiple households which receive a single bill, i.e. blocks of flats. Exclude void properties. |     |     |
| <b>Primary Purpose</b> | Informing relative performance and efficiency assessments.  |     |     |
| <b>Processing rule</b> | Input   |     |     |
| <b>Responsibility</b>  | Comparative Efficiency and Performance Team   |     |     |

|                        |   |     |     |
|------------------------|---|-----|-----|
| <b>7</b>               | Non-households billed measured sewage   | 000 | 3dp |
| <b>Definition</b>      | Average number of non-household properties billed for measured sewerage. Exclude void properties. |     |     |
| <b>Primary Purpose</b> | Informing relative performance and efficiency assessments.  |     |     |
| <b>Processing rule</b> | Input   |     |     |
| <b>Responsibility</b>  | Comparative Efficiency and Performance Team   |     |     |

|                        |   |     |     |
|------------------------|---|-----|-----|
| <b>8</b>               | Non-households billed sewage  | 000 | 3dp |
| <b>Definition</b>      | Total number of non-household billed for sewage. Exclude void properties. |     |     |
| <b>Primary Purpose</b> | Informing relative performance and efficiency assessments.                |     |     |
| <b>Processing rule</b> | Calculated: the sum of lines 6 and 7                                      |     |     |
| <b>Responsibility</b>  | Comparative Efficiency and Performance Team                               |     |     |

|                        |  |     |     |
|------------------------|--|-----|-----|
| <b>9</b>               | Void properties  | 000 | 3dp |
| <b>Definition</b>      | Average number of properties within the undertaker's area which are connected to the sewerage system but do not receive a charge as there are no occupants.<br><br>This should not include properties that do not receive a bill because it would be uneconomical to do so. These properties should be detailed in the commentary. |     |     |
| <b>Primary Purpose</b> | Informing relative performance and efficiency assessments.   |     |     |
| <b>Processing rule</b> | Input  |     |     |
| <b>Responsibility</b>  | Comparative Efficiency and Performance Team  |     |     |

## C POPULATION

|                        |  |     |     |
|------------------------|--|-----|-----|
| <b>10</b>              | Total connected population                                 | 000 | 3dp |
| <b>Definition</b>      | Total population connected to the sewerage system.         |     |     |
| <b>Primary Purpose</b> | Informing relative performance and efficiency assessments. |     |     |
| <b>Processing rule</b> | Input  |     |     |
| <b>Responsibility</b>  | Comparative Efficiency and Performance Team                |     |     |

## CHANGE CONTROL SHEET

### CHAPTER 13

|          |  |
|----------|--|
| 2008/1.0 | First issue of chapter for the SBP period  |
| 2009/1.0 | Second issue of chapter for the SBP period <ul style="list-style-type: none"><li>- guidance on provision of sewerage service to billed customers added</li><li>- surface water drainage text deleted</li><li>- 'population' guidance amended</li><li>- PPP reporting removed</li></ul> |
| 2010/1.0 | Third issue of chapter for the SBP period <ul style="list-style-type: none"><li>- No changes</li></ul>   |
| 2011/1.0 | First issue of chapter for the PC10 period <ul style="list-style-type: none"><li>- Additional commentary guidance for customer numbers.</li></ul>  |