

Waste Data Framework – Workshop 2: Standard Reporting Indicators

WasteMINZ

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Introduction

- Framework update has 3 components
 1. New protocols for mandatory reporting
 2. New Standard Reporting Indicators for TA reporting
 3. Insights report for future development
- This workshop is looking at the second one
- Focus is to discuss the proposed Standard Reporting Indicators: why the indicators were chosen, how the calculations work, and their practicality and application.

Introduction

- This workshop will cover:
 1. Purpose of the Indicators
 2. Overview of the Indicators
 3. General calculations
 4. Kerbside dry recycling Indicators
 5. Kerbside organics Indicators
 6. Overall kerbside Indicators

Purpose of the Indicators

- Standard ways of reporting waste data that can be calculated consistently and are readily understood
- Update adds 3 new sets of indicators (organic waste, total diversion, and commercial food waste) to reflect potential future performance standards & reporting requirements
- The indicators do not cover all information that TAs may be required to report
- Indicators do not set performance standard

Overview of the Indicators

- 1A. All waste to Class 1 landfills
- 1B. Waste to Class 1 landfills - excluding 'unusual activity' wastes
- 2A. Domestic kerbside rubbish disposal rate
- 2B. Domestic rubbish disposal rate
- 3A. Domestic kerbside dry recycling recovery rate
- 3B. Domestic dry recycling recovery rate
- 3C. Domestic kerbside dry recycling contamination rate

Overview of the Indicators

- 4A. Domestic kerbside food waste recovered
- 4B. Domestic kerbside garden waste recovered
- 4C. Domestic kerbside food waste contamination rate
- 4D. Domestic kerbside garden waste contamination rate
- 5A. Domestic kerbside recovery rate
- 5B. Domestic kerbside rubbish and recovery
- 6A. Commercial organic waste recovered

General Calculations

- All calculations expressed as kg per capita per annum (kg/pp/pa) e.g. 100kg/pp (except for contamination)
- Use Statistics NZ usually resident census data
- Include council and private collections
- MfE Consulted on direct supply of private collection data to them - & they calculate the indicator (Proposal 3 of *Transforming Recycling*)
- Recycling and recovery indicators exclude contamination
- Indicators updated/reported on annually

Calculations

- 3A. Domestic kerbside dry recycling recovery rate
 - Kilograms Council kerbside dry recycling collected (OK if some businesses included) *plus*
 - Kilograms Private kerbside dry recycling collected
 - *Minus* kilograms contamination
 - *Divided* by usually resident population
- Ultimately only material that has been sorted and sold or prepared for sale in that period should be counted.

Calculations

- 3C. Domestic kerbside dry recycling contamination rate
 - Kilograms Council kerbside dry recycling collected but subsequently sent to disposal *Divided by*
 - Kilograms Council kerbside dry recycling collected (OK if some businesses included) *plus* kilograms Private kerbside dry recycling collected
 - Express result as a %
- The MRF contamination rate is proposed to be used. Currently no protocol for measuring contamination

Calculations

- 4A. Domestic kerbside food waste recovery rate
 - Kilograms Council kerbside food waste collected (OK if some businesses included) *plus*
 - Kilograms private kerbside food waste collected
 - *Minus* kilograms contamination
 - *Divided* by usually resident population
- Only material that has been sorted and sent for processing in that period should be counted
- FOGO will require estimate of food waste quantity

Calculations

- 5A. Domestic kerbside recovery rate
 - Kilograms council and private kerbside dry recycling collected (OK if some businesses included) *plus*
 - Kilograms council and private kerbside food waste collected (OK if some businesses included) *plus*
 - Kilograms council and private kerbside garden waste collected
 - *Minus* kilograms recycling and food and garden waste contamination
 - *Divided* by usually resident population
 - Express result as a kg per capita per annum

Questions?

Thank You

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