











ESSENTIAL STATISTICAL ASSETS FOR AUSTRALIA

ESA – 102 POLLUTION AND ACCUMULATION OF WASTE

Summary of Quality Assessment Results							
Overall ESA Assessment	Institutional Environment	Relevance	Timeliness	Accuracy	Coherence	Interpretability	Accessibility
 Amber	 Green	 Green	 Green	 Red	 Amber	 Green	 Green

List of Contributing Datasets and Custodians
<ul style="list-style-type: none"> • National Pollutant Inventory (Dept of the Environment) • Waste Account (ABS)

ESA Elements					
Pillar	Dimension	Description	Critical Frequency	Critical Spatial	Critical Disaggregation
Environment	Waste	Includes information on the supply and use of waste and recycled products in the economy.	Annually	National	Industry, Products

Overall ESA Assessment

The quality of ESA – 102 Pollution and Accumulation of Waste was assessed as an amber traffic light for the purpose of ESA. The overall quality of this statistic was reasonable, but lacked in some areas for the quality indicators selected and there was a need identified for some investment to improve the quality. This quality assessment was based on quality information about the contributing datasets. Data custodians can be contacted for further information about the quality of the datasets which contributed to the statistic.

For more detailed quality information about each dimension, see over page





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Institutional Environment

The statistic scored a green traffic light for institutional environment. There were sufficient quality and risk management processes in place, protections for confidentiality and archiving processes. Staff were trained in data collation and the statistical purpose of the administrative records.

Relevance

The statistic scored a green traffic light for relevance. All key information identified in the description of the statistic was available. The critical spatial levels and critical disaggregations identified for the statistic were also available.

Timeliness

The statistic scored a green traffic light for timeliness. The duration between collection and release of data was timely. Users were able to access the release of new data when expected. In most cases the release of data for the statistic did not meet the critical frequency.

Accuracy

The statistic scored a red traffic light for accuracy. Although the target population was represented sufficiently for the statistic, known under or overcounts were not managed in most cases. There was no adjustment where missing values were identified, and the accuracy varied for information collected within administrative datasets.

Coherence

The statistic scored an amber traffic light for coherence. Some information for the statistic was not able to be compared over time; while population and characteristic definitions remained mostly consistent, collection procedures changed over time. Some external sources were available for data confrontation. There was some variation between data compiled from multiple administrative sources.

Interpretability

The statistic scored a green traffic light for interpretability. Information for users to better understand the data was available and users were able to access additional support if needed. Data quality statements were mostly available. Descriptions of the conceptual limitations were not always available.

Accessibility

The statistic scored a green traffic light for accessibility. The key information, including some visualisations such as graphs or maps, was publicly available and users could access all data in Excel and some data in a machine readable format. The key information and all other data were accessible for free.

Areas for improvement:

- The release of data for the statistic did not always meet the critical frequency.
- There was no adjustment where missing values were identified.
- The accuracy varied for information within administrative datasets.
- There was some variation between data compiled from multiple administrative sources affecting coherence.

