ESSENTIAL STATISTICAL ASSETS FOR AUSTRALIA

ESA – 584 GREENHOUSE GAS EMISSIONS

Summary of Quality Assessment Results

Overall ESA Assessment	Institutional Environment	Relevance	Timeliness	Accuracy	Coherence	Interpretability	Accessibility
Green	Green	Green	Green	Green	Amber	Green	Green

List of Contributing Datasets and Custodians

- National Greenhouse Accounts (Department of the Environment)

ESA Elements

Pillar	Dimension	Description	Critical Frequency	Critical Spatial	Critical Disaggregation
Environment	Atmosphere	Includes information on the sources of emissions and sinks.	Annually	National, State/Territory	Industry, Source

Overall ESA Assessment

The quality of ESA – 584 Greenhouse Gas Emissions was assessed as a green traffic light for the purpose of ESA. The overall quality of this statistic met an acceptable standard for the quality indicators selected and the appropriate quality practices and processes were in place. The data custodian can be contacted for further information about the quality of the dataset 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 critical frequency for the statistic was met. The duration between collection and release of data was timely and users were able to access the release of new data when expected.

Accuracy

The statistic scored a green traffic light for accuracy. The target population was represented sufficiently, and there were no known under or overcounts in the statistic. There were no known accounts of missing values and the accuracy was consistent for information collected within the dataset.

Coherence

The statistic scored an amber traffic light for coherence. Information for the statistic was able to be compared over time with no changes to collection procedures and population and characteristic definitions remaining consistent. External sources were available for data confrontation. There was variation between data compiled from multiple sources.

Interpretability

The statistic scored a green traffic light for interpretability. Data quality statements, information to help users to understand the data and descriptions of conceptual limitations of the data were available. However, additional support was not available to help users understand the data.

Accessibility

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

Areas for Improvement

- There was variation between data compiled from multiple sources.
- Additional support was not available to help users understand the data.