











## ESSENTIAL STATISTICAL ASSETS FOR AUSTRALIA

### ESA – 180 LAND STATISTICS

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

List of Contributing Datasets and Custodians	
<ul style="list-style-type: none"> <li>• Agricultural Census (ABS)</li> <li>• Australian Collaborative Land Use and Management Program (ABARES)</li> <li>• Agricultural Land and Water Ownership Survey (ABS)</li> <li>• Agricultural Resource Management Survey (ABS)</li> <li>• Annual Land Cover Maps (GA)</li> </ul>	<ul style="list-style-type: none"> <li>• Land Accounts (ABS)</li> <li>• Land and Management Practices Survey (ABS)</li> <li>• NRM and Irrigation/Water Use Collections (ABARES)</li> <li>• Valuers General Administrative Files (State/Territory Valuers General Depts.)*</li> </ul>

\* Data gap (Valuers General Administrative Files for NT and ACT were not available for the quality assessment process)

ESA Elements					
Pillar	Dimension	Description	Critical Frequency	Critical Spatial	Critical Disaggregation
Environment; Economy	Land; National Wealth	Includes statistical information regarding land use, and management practices, as well as land accounting. Land quality indicators are also included.	Annually	National, Regional (Natural Resource Management)	Industry

#### Overall ESA Assessment

The quality of ESA 180 – Land Statistics 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. This quality assessment was based on quality information about the contributing datasets. However, the datasets NT and ACT Valuers General Administrative Files (State/Territory Valuers General Depts.) were unable to be assessed as these were considered data gaps for the purpose of the quality assessment process. The missing information may have impacted on the overall outcome of the quality assessment for the statistic. 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





# ESA – 180 LAND STATISTICS

## 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, in most cases, 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. In some cases, the critical disaggregation, Industry, was not available or not collected using the standard classification.

## Timeliness

The statistic scored an amber traffic light for timeliness. Users were able to access the release of new data when expected. However, the duration between collection and release of data was not timely in some cases and the release of data for the statistic did not always meet the critical frequency.

## Accuracy

The statistic scored a green traffic light for accuracy. Most of the target population was sufficiently represented and there were either no known under or overcounts or under or overrepresentation in the statistic, or they were managed. There were sufficient measures in place to adjust for missing values and non-response. Sampling error was represented for survey data, for individual figures. The accuracy varied for some information collected within administrative datasets.

## Coherence

The statistic scored a green traffic light for coherence. Information for the statistic was able to be compared over time with minimal changes to collection procedures and population and characteristic definitions remaining consistent. External sources were available for data confrontation in most cases. 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. Users were able to access additional support if needed and data quality statements were available in most cases. Descriptions of the conceptual limitations were not always available.

## Accessibility

The statistic scored a green traffic light for accessibility. Most key information, including visualisations such as graphs or maps, was publicly available and users could access most data in Excel and other formats such as html. Some data was also accessible in a machine readable format. Most key information was accessible for free with customised data available at a cost.

## Areas for improvement

- The duration between collection and release of data was not always timely.
- The release of data did not always meet the critical frequency for the statistic.
- Descriptions of the conceptual limitations were not always available.
- There was a data gap for Valuers General Administrative Files for NT and ACT.

