











## ESSENTIAL STATISTICAL ASSETS FOR AUSTRALIA

### ESA – 645 LITERACY AND NUMERACY

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>• National Assessment Program – Literacy and Numeracy (ACARA)</li> <li>• Programme for the International Assessment of Adult Competencies (ABS)</li> <li>• Programme for International Student Assessment (ACER)</li> </ul>

ESA Elements					
Pillar	Dimension	Description	Critical Frequency	Critical Spatial	Critical Disaggregation
Society	Education and Training	Includes statistics on the attainment of literacy and numeracy skills by various sub-groups of the population (including children and adults).	Annually	National, State/Territory, Local Government Area, SA4	Age, Sex, Indigenous Status, Socioeconomic Status, School Characteristics, School Year Level

#### Overall ESA Assessment

The quality of ESA – 645 Literacy and Numeracy 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 statistic 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*





# ESA – 645 LITERACY AND NUMERACY

### 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.

### 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 identified for the statistic, Statistical Area 4 (SA4) and Local Government Area, were not available for all information. Most critical disaggregations identified for the statistic were present; in some cases the critical disaggregation, Indigenous Status, was not available.

### Timeliness

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

### Accuracy

The statistic scored a green traffic light for accuracy. Known under or overrepresentation in the statistic were managed and there were sufficient measures in place to adjust for non-response. Sampling error was represented for key indicators and was published against individual figures in most cases. Some of the target population was not represented sufficiently for the statistic, such as very remote Aboriginal and Torres Strait Islander communities.

### 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.

### 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. Users were able to access additional support if needed.

### 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 most data in a machine readable format and all data in Excel and other formats such as html. The key information was accessible for free with customised data available at a cost.

### Areas for Improvement

- The critical spatial levels identified for the statistic, Statistical Area 4 (SA4) and Local Government Area, were not available for all information.
- In some cases the critical disaggregation, Indigenous Status, was not available.
- The release of data did not always meet the critical frequency identified for the statistic.

