











ESSENTIAL STATISTICAL ASSETS FOR AUSTRALIA

ESA – 207 BIRTH STATISTICS

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

List of Contributing Datasets and Custodians
<ul style="list-style-type: none"> • Births (ABS and State/Territory RBDMs) • Deaths (ABS and State/Territory RBDMs) • National Perinatal Data Collection (AIHW)

ESA Elements					
Pillar	Dimension	Description	Critical Frequency	Critical Spatial	Critical Disaggregation
Society	Demography	Includes statistics such as the number and sex of live births registered; total fertility rates; replacement and completed fertility; nuptiality; plurality; age of parents; and Indigenous status.	Quarterly	National, State/Territory, Remoteness, Greater Capital City Statistical Area, Local Government Area, SA4, SA3, SA2	Age, Sex, Indigenous Status

Overall ESA Assessment

The quality of ESA – 207 Birth Statistics was assessed as a green traffic light. 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 – 207 BIRTH 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 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 generally timely and the critical frequency was met in most cases. 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 for the statistic, and known under or overcounts were managed in most cases. There were sufficient measures in place to adjust for missing values. The accuracy varied for some information collected within the 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 mostly consistent. Information compiled from multiple administrative sources was coherent. 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 data in a machine readable format, 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 accuracy varied for some information collected within the datasets.
- The duration between collection and release was not timely in some instances and the critical frequency was not met in some cases.

