











ESSENTIAL STATISTICAL ASSETS FOR AUSTRALIA

ESA – 572 POPULATION ESTIMATES

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) • Census of Population and Housing (ABS) • Commonwealth Electoral Roll (AEC) 	<ul style="list-style-type: none"> • Medicare Benefits Scheme (Dept of Health) • Overseas Arrivals and Departures (ABS) • Post Enumeration Survey (ABS) • Travellers' Characteristics Database (ABS)

ESA Elements					
Pillar	Dimension	Description	Critical Frequency	Critical Spatial	Critical Disaggregation
Society	Demography	Includes official population estimates, by location and other variables. Also includes changes to the population resulting from births, deaths, interstate and international migration.	Quarterly	National, State/Territory, Greater Capital City Statistical Area, Local Government Area, SA4, SA3, SA2	Age, Sex, Indigenous Status, Country of Birth

Overall ESA Assessment

The quality of ESA – 572 Population Estimates 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





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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 identified for the statistic, Greater Capital City Statistical Area, Local Government Area, Statistical Area 4 (SA4), Statistical Area 3 (SA3) and Statistical Area 2 (SA2), were not available for all information. Most critical disaggregations were present; in some cases, Indigenous Status was either not available or not collected using the standard question wording.

Timeliness

The statistic scored a green traffic light for timeliness. The duration between collection and release of data was timely and users were able to access the release of new data when expected. The critical frequency for the statistic was not met in some cases.

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 in most cases. For survey data, sampling error was represented for individual figures. The accuracy varied for some information collected within administrative datasets, in some cases.

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. External sources were available for data confrontation. Information compiled from multiple sources was coherent.

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. In most cases 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 Excel and other formats such as html. Most data was also available to users in a machine readable format. The key information was accessible for free with customised data available at a cost.

Areas for Improvement

- The critical spatial levels Greater Capital City Statistical Area, Local Government Area, Statistical Area 4 (SA4), Statistical Area 3 (SA3) and Statistical Area 2 (SA2) were not available for all information.
- In some cases, the critical disaggregation Indigenous Status was either not available or not collected using the standard question wording.
- The critical frequency for the statistic was not met in some cases.