

NATIONAL CORONIAL INFORMATION SYSTEM – QUALITY ASSURANCE

Provision of comprehensive coronial data to those who need it. This is our **mission**.
 Saving lives through the power of data. This is our **vision**.

STRATEGIC FOUNDATION


The **NCIS Strategic Plan 2017-21** outlines four strategic goals. The Quality Assurance Program supports two of these goals.


Ensure efficient and comprehensive acquisition of data


Ensure data quality is of the highest possible standard

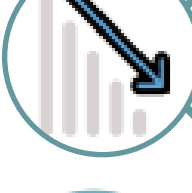
The NCIS is dynamic and perpetual system with cases updated and closed daily.


The NCIS Quality Assurance Program utilises a framework to ensure that the NCIS mission and vision are achieved. The program encompasses data entry training and support, review of coding, reporting on data quality and the security of coding from further changes.

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Where does the NCIS data come from?
 Data is uploaded from the nine coronial jurisdictions within Australia and New Zealand. Coding is based on information in the coroners file. Uploads from the local court systems transfer data securely to the NCIS. External data is also provided by BDM Registries, NZ Ministry of Health and Safe Work Australia
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What does the data look like?
 The core data set includes coded and free text data (demographic details, case type, intent, event details, mechanism of injury, object producing injury, cause of death) and pertinent coronial reports
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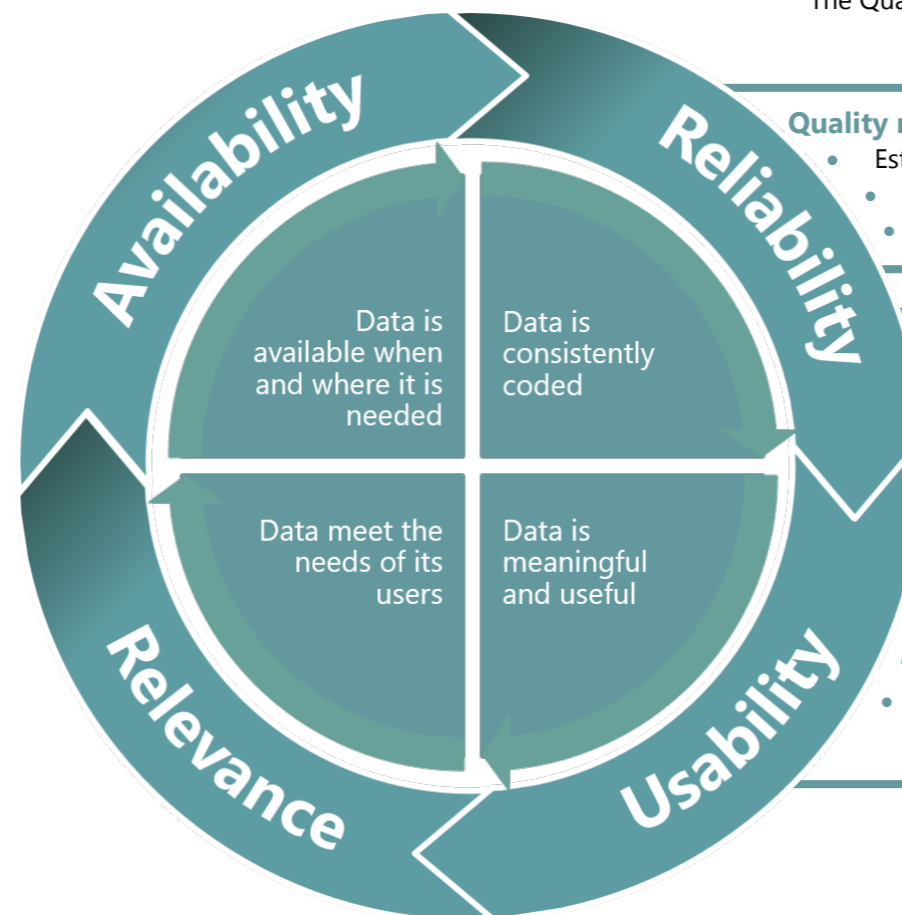
What does the NCIS do with the data?
 The NCIS Unit undertakes comprehensive quality assurance activities, provides authorised users with access to coronial data and produces data reports.
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What role does the NCIS have in death prevention?
 The NCIS provides evidence for coroners to help prevent the occurrence of similar deaths. It plays an integral part in the identification and monitoring of mortality trends. It informs prevention strategies within Australia and New Zealand
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What is the NCIS authority?
 The NCIS has a Licence Agreement with the nine jurisdictions which outlines the terms and conditions on which the NCIS Unit manages and releases coronial data

The *NCIS Quality Assurance Framework* encompasses four data quality dimensions (Availability, Reliability, Usability and Relevance). Each is a foundation for quality activities undertaken by the NCIS Unit.

The Quality Assurance Framework is underpinned by three activity streams.



Quality review

- Establish and manage processes to regularly monitor, review and report on data quality
- Review closed cases to verify consistency and alignment with coding standards
- Restrict editing of reviewed cases to protect from further changes

Coding structure

- Administer classification structure to support the NCIS codesets and data quality
- Manage the *NCIS Data dictionary* and database validation rules
- Monitor global classifications to assist with data comparison

Coder training and feedback

- Provide training and support material to coders
- Manage the *NCIS Coding manual*
- Work collaboratively with coders to provide an environment which maximises the consistency of coding and quality of data