



Spark



Australian Clinical Data for Interoperability Release 2

Summary of Changes

Version – June 2025

Sparked

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1. Document Information

1.1. Document Information

Name	Australian Clinical Data for Interoperability Release 2 Summary of Changes
Release Date	June 2025
Release Status	Draft for Internal Review
Author	Sparked AU FHIR Accelerator

1.2. Distribution

Name	Date	Version
Sparked Community	June 2025	V1.0

Community Acknowledgement

We thank all community members – the Sparked Clinical and Technical Design Groups, the Clinical Leads and our founding members who contributed their time, expertise, passion, resources and energy to deliver the Australian Clinical Data for Interoperability.

We look forward to the community continuing to grow and working with you all to share resources and specifications to enable the meaningful use, exchange, and reuse of clinical information

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2. Summary of Changes

The following are the changes made from AUCDI Release 1 to AUCDI Release 2 following the request for feedback during the draft for community comment period.

2.1. AUCDI R1 to R2 Changes

Section	Changes
Global Changes	Updated Name from Australian Core Data for Interoperability to Australian Clinical Data for Interoperability.
	<p>AUCDI Release 2 has seen a major change in moving much of the AUCDI background content to the Sparked website. This move aims to streamline the resource, making the document clearer and easier to read and follow. Links to page-specific URL's that contain background information on the development are available throughout the document.</p> <p>The document has been refined with additional examples, alias(es), and references. Diagrams have been updated to reflect content changes. Minor editorial adjustments have been made for clarity, and table colouring has been improved for readability, to be finalized before publication. Where modifications have been made to the information model, the content has been streamlined throughout. For instance, instructions such as "Record one instance of this data group per <data element/group> within a health record; any changes or updates over time are captured as a revision rather than a new entry" have been integrated more cohesively.</p>
Updated how to read	Updated both data group context and information models with use case/s and collection(s)
	Updated data group context with definitions of use cases and collections
	Identification of specific use cases against data groups and data elements
	Identification of specific data groups against collections
	Misuse: dot point sections where data groups have referenced unpublished data groups The need for a specific data group for this purpose is acknowledged but has not yet been developed for inclusion in AUCDI.
Updates to mind maps	<p>Nodes displayed as black text on an orange background and containing a green tick icon have been published in AUCDI Release 1, and Nodes displayed as black text on an orange background and containing a green star have been published in AUCDI Release 2.</p> <p>Updated text added: Each node in the mind map corresponds to a data element in the data group. Where occurrence constraints are not explicitly stated, they are assumed to be optional and default to a single instance (0..1).</p>

2.2. AUCDI R1 to R2 Data Group Changes

Data Group	Changes
Adverse reaction risk summary	New data elements - Date/time onset of first reaction, Severity of reaction.
Alcohol consumption summary	New data group
Blood pressure	No additional updates
Body height	No additional updates
Body temperature	No additional updates
Body weight	No additional updates
Education summary	New data group
Encounter	No additional updates
Estimated date of delivery (EDD)	New data group
estimated glomerular filtration rate	No additional updates
Financial summary	New data group
Food and nutrition summary	New data group
Goal	New data group
Haemoglobin A1c (HbA1c)	No additional updates
Health education	New data group
Health issue	New data group
Housing summary	New data group
Last Menstrual Period (LMP) assertion	New data group
Lipids	No additional updates
Living arrangement summary	New data group
Medical equipment supply	New data group
Medication use statement	No additional updates
Occupation summary	New data group
Physical activity summary	New data group
Physical assistance	New data group

Pregnancy assertion	New data group
Problem/diagnosis summary	New data elements added: Date/time of onset and date/time of resolution
Procedure	Data group name change/update from Procedure Completed to Procedure. New data group added: Description
Psychosocial therapy	New data group
Pulse	No additional updates
Respiration	No additional updates
Service request	New data group
Sex and gender summary	No additional updates
Substance use summary	New data group
Tobacco smoking summary	New data group
Urine albumin-creatinine ratio (uACR)	No additional updates
Vaccination	Data group name change/updated from 'Vaccination administered event' to 'Vaccination'.
Waist circumference	No additional updates
Appendix	A table has been added summarizing the mapping of data groups and elements to their respective use cases.
	A table has been added summarising the mapping of data groups to respective collections.

3. Summary of Changes for Consolidated Release

The following are the updates and changes made to the AUCDI Release 2 draft release following the community responses from the request for feedback.

3.1. AUCDI R2 Changes

Section	Changes
Global Changes	Updated Name from Australian Core Data for Interoperability to Australian Clinical Data for Interoperability.
	<p>AUCDI Release 2 has seen a major change in moving much of the AUCDI background content to the Sparked website. This move aims to streamline the resource, making the document clearer and easier to read and follow. Links to page-specific URL's that contain background information on the development are available throughout the document.</p> <p>The document has been refined with additional examples, alias(es), and references. Diagrams have been updated to reflect content changes. Minor editorial adjustments have been made for clarity, and table colouring has been improved for readability, to be finalized before publication. Where modifications have been made to the information model, the content has been streamlined throughout. For instance, instructions such as "Record one instance of this data group per <data element/group> within a health record; any changes or updates over time are captured as a revision rather than a new entry" have been integrated more cohesively.</p>
Updated how to read	Updated both data group context and information models with use case/s and collection(s)
	Updated data group context with definitions of use cases and collections
	Identification of specific use cases against data groups and data elements
	Identification of specific data groups against collections
	Misuse: dot point sections where data groups have referenced unpublished data groups The need for a specific data group for this purpose is acknowledged but has not yet been developed for inclusion in AUCDI.
Data Group Updates	Updates to misuse in data group context.

3.2. AUCDI R2 Data Group Changes

Data Group	Changes
Adverse reaction risk summary	Aligned with global changes, all necessary updates have been made to the document.
Alcohol consumption summary	Aligned with global changes, all necessary updates have been made to the document.
Blood pressure	Aligned with global changes, all necessary updates have been made to the document.
Body height	Aligned with global changes, all necessary updates have been made to the document.
Body temperature	Aligned with global changes, all necessary updates have been made to the document.
Body weight	Aligned with global changes, all necessary updates have been made to the document.
Education summary	Aligned with global changes, all necessary updates have been made to the document.
Encounter	Aligned with global changes, all necessary updates have been made to the document.
Estimated date of delivery (EDD)	Updated this data group and all associated resources to state: 'gestation by ultrasound'.
estimated glomerular filtration rate	Aligned with global changes, all necessary updates have been made to the document.
Financial summary	Aligned with global changes, all necessary updates have been made to the document.
Food and nutrition summary	Aligned with global changes, all necessary updates have been made to the document.
Goal	Aligned with global changes, all necessary updates have been made to the document.
Haemoglobin A1c (HbA1c)	Aligned with global changes, all necessary updates have been made to the document.
Health education	Aligned with global changes, all necessary updates have been made to the document.
Health issue	Aligned with global changes, all necessary updates have been made to the document.
Housing summary	Aligned with global changes, all necessary updates have been made to the document.
Last Menstrual Period (LMP) assertion	Aligned with global changes, all necessary updates have been made to the document.
Lipids	Aligned with global changes, all necessary updates have been made to the document.

Living arrangement summary	Aligned with global changes, all necessary updates have been made to the document.
Medical equipment supply	Aligned with global changes, all necessary updates have been made to the document.
Medication use statement	Aligned with global changes, all necessary updates have been made to the document.
Occupation summary	Aligned with global changes, all necessary updates have been made to the document.
Physical activity summary	Aligned with global changes, all necessary updates have been made to the document.
Physical assistance	Aligned with global changes, all necessary updates have been made to the document.
Pregnancy assertion	Aligned with global changes, all necessary updates have been made to the document.
Problem/diagnosis summary	Typo corrected: Date of onset updated to date of resolution
Procedure	Aligned with global changes, all necessary updates have been made to the document.
Psychosocial therapy	Aligned with global changes, all necessary updates have been made to the document.
Pulse	Aligned with global changes, all necessary updates have been made to the document.
Respiration	Aligned with global changes, all necessary updates have been made to the document.
Service request	Aligned with global changes, all necessary updates have been made to the document.
Sex and gender summary	Aligned with global changes, all necessary updates have been made to the document.
Substance use summary	Aligned with global changes, all necessary updates have been made to the document.
Tobacco smoking summary	Aligned with global changes, all necessary updates have been made to the document.
Urine albumin-creatinine ratio (uACR)	Aligned with global changes, all necessary updates have been made to the document.
Vaccination	Aligned with global changes, all necessary updates have been made to the document.
Waist circumference	Aligned with global changes, all necessary updates have been made to the document.
Appendix	A table has been added summarizing the mapping of data groups and elements to their respective use cases.

	A table has been added summarising the mapping of data groups to respective collections.
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