



INTEROPERABILITY ROADMAP STATUS REPORT JULY 2021

Quarter	Milestone	Status	Comments	Target date
JUL20	▣ Interoperability roadmap published	C	Published in September 2020	September 2020
OCT20	● SNOMED NZ Edition six-monthly release	C	Complete	October 2020
OCT20	● NZPOCS six-monthly release	C	Complete	October 2020
OCT20	▲ Open API participation agreement published	C	Approach to certification for CTIP API developed	April 2021
		A	<i>Go to Green:</i> <ul style="list-style-type: none"> Build on the above work on an approach to certification to publish a general open API participation agreement 	September 2021
OCT20	★ FAIR data principles for health research data introduced	C	Interoperability Roadmap stated the FAIR data principles (findable, interoperable, accessible, reusable) and there is some adoption already – eg, Te Aho o Te Kahu uses the principles in its cancer information action plan	October 2020
		A	<i>Go to Green:</i> <ul style="list-style-type: none"> Data & Information Strategy and Data Governance Framework will incorporate the FAIR data principles 	September 2021

HISO 10083:2020 Interoperability Roadmap published in September 2020 sets out a 2-year action plan

- ▣ CONNECTING AND IDENTIFYING
- USING THE SAME LANGUAGES
- ▲ UNBLOCKING ACCESS TO INFORMATION
- ★ ENABLING JOINED-UP SERVICES
- ▣ OTHER KEY SIGNPOST

C	Completed
G	Green – on track for original milestone date
A	Amber – delayed
R	Red – blocked
H	On hold



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JAN21	■ NHI and HPI data set and API specifications published	C	NHI and HPI FHIR API specifications published online using HL7 channels	March 2021
JAN21	● Terminology service established	C	SNOMED NZ authoring platform live	January 2021
		C	Project with Northern Region to define requirements completed NZ Health Terminology Service (NZHTS) high-level architecture defined Project governance board established	April 2021
		C	SNOMED CT terminology service for EDs and other immediate uses live at snomednz.digital.health.nz Market scan completed to select long-term solution	June 2021
		A	Phase 2 project to build out NZ Health Terminology Service for the long term <i>Go to Green:</i> <ul style="list-style-type: none"> • Complete solution architecture • Support NZ Formulary project to develop NZULM API • Procure and implement long-term solution 	October 2021
JAN21	● Online data dictionary established	A	Establish public-facing Confluence site to host standards resource centre and data dictionary Will be populated as BAU project <i>Go to Green:</i> <ul style="list-style-type: none"> • Working with strategic enablers team to establish public-facing Confluence site 	October 2021
JAN21	▲ FHIR registry established for open API development	C	NZ FHIR Registry established using Simplifier SaaS solution Ministry-HL7 New Zealand co-governance group formed	June 2021
		A	<i>Go to Green:</i> <ul style="list-style-type: none"> • First projects and users onboarded – Hira, FHIR NZ Base, National Digital Services, Te Aho o Te Kahu, • Populate NZ FHIR Registry with NHI and HPI FHIR API specifications 	August 2021
JAN21	▲ NZePS integration mandatory	H	On hold because there are too many unresolved issues (May 2021)	tbd



Quarter	Milestone	Status	Comments	Target date
APR21	■ Internet-facing NHI and HPI APIs deployed to UAT	C	Delivered by Health Identity Platform upgrade project HPI and NHI FHIR APIs released for UAT in April 2021	April 2021
APR21	■ Digital identity framework published	A	Work with Consumer Digital Identity project to publish the first specifications <i>Go to Green:</i> <ul style="list-style-type: none"> • Complete authentication level standard and publish 	September 2021
APR21	● Draft specifications for core personal health data set published	C	Developed GP2GP mapping to International Patient Summary (IPS)	May 2021
		A	Working with Global Digital Health Partnership (GDHP) on International Patient Summary (IPS) <i>Go to Green:</i> <ul style="list-style-type: none"> • Develop with Hira project and in concert with the GDHP IPS project 	September 2021
APR21	● SNOMED NZ Edition six-monthly release	C	Delivered	April 2021
APR21	● NZPOCS six-monthly release	C	Delivered	April 2021
APR21	■ Guidance on compliance and incentives to drive the changes	A	Using NCAMP, business case review processes and HISO standards adoption roadmaps to drive compliance <i>Go to Green:</i> <ul style="list-style-type: none"> • Work with Hira, Policy team to formulate guidance on incentives 	tbd



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JUL21	■ NZ Business Number (NZBN) introduced to Health Provider Index (HPI)	C	NZBN organisation identifier added to HPI Bulk data matching between HPI and NZBN	January 2021
		A	HPI integration with NZBN API	July 2022
JUL21	● Core personal health data set specifications finalized	G	In concert with the GDHP IPS project	December 2021
JUL21	● SNOMED mandatory in EDs	C	NCAMP 2021 change	July 2021
		A	NCAMP process tracking DHBs yet to implement	July 2022
JUL21	▲ Draft specifications for data portability published	A	Building on IPS/GP2GP work	September 2021
JUL21	★ Interoperability maturity model introduced	A	Dependent on GDHP Global Interoperability Maturity Model (GIMM) work <i>Go to Green:</i> • Review draft GIMM from GDHP	November 2021
OCT21	● SNOMED NZ Edition six-monthly release	G	Planning underway for new content	October 2021
OCT21	● NZPOCS six-monthly release	G	Planning underway for new content	October 2021
OCT21	● Publish national code sets online	G	Cataloguing all national code sets is underway in preparation	October 2021
OCT21	■ Internet-facing NHI and HPI APIs deployed to production	G	On target to be delivered by Health Identity Platform upgrade project	October 2021
OCT21	▲ Conformity assessment for integration with foundational APIs	G	Planning underway HPI and NHI FHIR APIs due for production release to certified users Oct-Dec 2021	October 2021
OCT21	★ Published specifications for e-referrals and shared care plans	G	Planning underway	October 2021
OCT21	■ Interoperability roadmap review	G	Planning underway	October 2021



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Health Information Standards Organisation
PAEREWĀ PĀRONGO HAUORA

Quarter	Milestone	Status	Comments	Target date
JAN22	● NZULM and NZF integration mandatory in primary care	G	Preparations underway for these 2022 milestones	January 2022
	▲ Data portability specifications finalised	G	Based on International Patient Summary	January 2022
APR22	■ HPI extended to kaiāwhina/non-registered health workers	G	Work with OPC underway to identify and address any HIPC-related issues	April 2022
	● SNOMED NZ Edition six-monthly release	G	New content tbd	April 2022
	● NZPOCS six-monthly release	G	New content tbd	April 2022
	● Conformity assessment for core personal health data set	G	Assumed we will extend Patients First Integration Platform	April 2022
	★ OMOP Common Data Model (CDM) for analytics introduced	G	Prepare by including support for this as a requirement for National Collections data dictionary	April 2022
JUL22	■ NHI API on internet use mandatory	G	Need to signal to suppliers that the old SOAP API will be withdrawn	July 2022
	● Read codes withdrawn from primary care	G	Dependent on: <ul style="list-style-type: none"> • Major patient management systems adding native support for SNOMED • Primary care reporting moving to SNOMED 	July 2022
	● SNOMED extended to outpatient data in National Collections	G	Prioritise next collections after ED	July 2022
	▲ Fully digital NZULM with API	G	Support NZF project to add NZULM API	July 2022
	▲ Record locator service established	G	Deliver as part of nHIP	July 2022
	★ Automated SNOMED to ICD-10 translation	G	Look for tooling support	July 2022