# NZHTS release note for November 2024

**15 November 2024**

This release note covers the monthly release of new content to the NZ Health Terminology Service (NZHTS) for November 2024.

NZHTS is the health sector's one-stop source of standard terminologies and code sets for high quality digital health records and interoperability. NZHTS is a free service, available to all New Zealand health entities and their industry partners. Explore and download the content you need.

Learn more about NZHTS and how to use it on our website and [Digital Services Hub](#).

## Previously released content

| Release date | New content |
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| October 2023 | • CanShare reference sets<br>• Assistance and preferences reference set<br>• Common patient friendly terms reference set<br>• Female pelvic surgical mesh injury reference set<br>• Oral health reference sets |
| November 2023 | • MedDRA version 26.1<br>• Rheumatic fever code sets |
| March 2024 | • Unified Code for Units of Measure (UCUM) |
| April 2024 | • SNOMED NZ Edition April 2024 release<br>• MedDRA 27.0<br>• LOINC 2.77<br>• NZ Medicines Terminology (NZMT) April 2024 release |
| May 2024 | • CVX vaccination codes<br>• Nutrition Care Process Terminology (NCPT) Nutrition Reference Set<br>• NZPOCS April 2024 release<br>• NZ Medicines Terminology (NZMT) May 2024 release |
| June 2024 | • NZPS Observation Vaping Status<br>• Ethnicity code sets version 2.1.0<br>• NZ Medicines Terminology (NZMT) June 2024 release |
| July 2024 | • Language code system<br>• NHI language value set<br>• 99NZREL – Relationship concept mapping table |

| | • NZ Medicines Terminology (NZMT) July 2024 release |
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| August 2024 | • Unified Code for Units of Measure (UCUM)<br>• NZ Medicines Terminology (NZMT) August 2024 release<br>• Omaha System |
| September 2024 | • MedDRA version 27.1<br>• NZ Medicines Terminology (NZMT) September 2024 release<br>• Stats NZ classifications (Building Type, Central Product Classification, Country Code, Currency, Dwelling Type, Gender, Industry, Iwi and Iwi-Related Groups, Language) |
| October 2024 | • SNOMED NZ Edition October 2024 release<br>• LOINC 2.78 and NZPOCS October release<br>• NZ Medicines Terminology (NZMT) October 2024 release<br>• Anatomical Therapeutic Chemical (ATC) classification system and Defined Daily Dose (DDD) |

# New content this release

- NZ Medicines Terminology (NZMT) November 2024 release
- Common code tables for use with the national collectionsNZMT November 2024 release

NZMT is our standard terminology for medicines identification, underpinning the NZ Universal List of Medicines (NZULM) and New Zealand Formulary (NZF).

We source NZMT data once per month from NZULM to enable NZHTS to serve simple NZMT code set lookups.

NZF has a fully featured FHIR API for access to NZULM/NZF content for prescribing and dispensing, medicine reconciliation and other more complex use cases.

Refer to the NZHTS release note for October 2024 to learn about the NZMT concept model.

## NZMT code system
The NZMT code system set has the canonical URI **http://nzmt.org.nz**

## NZMT value sets
We have created a value set for each of the above NZMT concept types.

MP value set **https://nzhts.digital.health.nz/fhir/ValueSet/nzmt-mp**

MPUU value set **https://nzhts.digital.health.nz/fhir/ValueSet/nzmt-mpuu**

MPP value set **https://nzhts.digital.health.nz/fhir/ValueSet/nzmt-mpp**

TP value set **https://nzhts.digital.health.nz/fhir/ValueSet/nzmt-tp**

TPUU value set **https://nzhts.digital.health.nz/fhir/ValueSet/nzmt-tpuu**

TPP value set **https://nzhts.digital.health.nz/fhir/ValueSet/nzmt-tpp**

CTPP value set **https://nzhts.digital.health.nz/fhir/ValueSet/nzmt-ctpp**

## NZMT concept maps

We have created maps between certain NZMT concept types.

TP to MP map **https://nzhts.digital.health.nz/fhir/ConceptMap/nzmt-tp-mp**

TPUU to MP map **https://nzhts.digital.health.nz/fhir/ConceptMap/nzmttpuu-mp**

CTPP to MPUU map **https://nzhts.digital.health.nz/fhir/ConceptMap/nzmtctpp-mpuu**

## Example queries

Look up an NZMT code (amifampridine 10 mg tablet)

**https://nzhts.digital.health.nz/fhir/CodeSystem/$lookup?system=http://nzmt.org.nz&code=10006151000116107**

Look up an MP concept (paracetamol)

**https://nzhts.digital.health.nz/fhir/ValueSet/$expand?url=https://nzhts.digital.health.nz/fhir/ValueSet/nzmt-mp&filter=paracetamol**

Look up a TP concept (Panadol)

**https://nzhts.digital.health.nz/fhir/ValueSet/$expand?url=https://nzhts.digital.health.nz/fhir/ValueSet/nzmt-tp&filter=panadol**

Look up a mapped TP concept (Panadol)

**https://nzhts.digital.health.nz/fhir/ConceptMap/$translate?url=https://nzhts.digital.health.nz/fhir/ConceptMap/nzmt-tpmp&system=http://nzmt.org.nz&code=10510491000116108**

Look up a mapped TPUU concept (Panadol 500mg tablet)

**https://nzhts.digital.health.nz/fhir/ConceptMap/$translate?url=https://nzhts.digital.health.nz/fhir/ConceptMap/nzmt-tpuump&system=http://nzmt.org.nz&code=10510501000116104**

Look up a mapped CTPP concept (Panadol blister pack)

**https://nzhts.digital.health.nz/fhir/ConceptMap/$translate?url=https://nzhts.digital.health.nz/fhir/ConceptMap/nzmt-ctppmpuu&system=http://nzmt.org.nz&code=50114941000117107**

## Common code tables

In this release, we have included several common code tables for use within the national collections:

- Admission source code table
- Admission type code table
- Agency type code table
- Birth/death location code table

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### Example queries

Expand the Admission source code table:

https://nzhts.digital.health.nz/fhir/ValueSet/$expand?url=https://nzhts.digital.health.nz/fhir/ValueSet/nc-admission-source-code

Expand the Admission type code table:

https://nzhts.digital.health.nz/fhir/ValueSet/$expand?url=https://nzhts.digital.health.nz/fhir/ValueSet/nc-admission-type-code

Expand the Agency type code table:

https://nzhts.digital.health.nz/fhir/ValueSet/$expand?url=https://nzhts.digital.health.nz/fhir/ValueSet/nc-agency-type-code

Expand the Birth/death location code table:

https://nzhts.digital.health.nz/fhir/ValueSet/$expand?url=https://nzhts.digital.health.nz/fhir/ValueSet/nc-birth-death-location-code

Expand the Health specialty code table:

https://nzhts.digital.health.nz/fhir/ValueSet/$expand?url=https://nzhts.digital.health.nz/fhir/ValueSet/nc-health-specialty-code

## Upcoming releases

New content in following releases will include:

- NZ Medicines Terminology (NZMT) February 2024 release
- Long term conditions reference sets
- Primary care reference sets
- General dentistry and odontogram reference sets
- Ethnicity v2.0.0 to v2.1.0 concept mapping

## Links

The FHIR API endpoint for NZHTS is https://nzhts.digital.health.nz/fhir

Browse to this endpoint to register as a service user.

To request an NZHTS API key email standards@tewhatuora.govt.nz

You can find all available NZHTS content listed here:

- https://nzhts.digital.health.nz/fhir/CodeSystem
- https://nzhts.digital.health.nz/fhir/ValueSet
- https://nzhts.digital.health.nz/fhir/ConceptMap

See our Github repository for examples of code set lookups using the API. We also have Postman collections to share.

## Contact us

Please email any enquiries to standards@tewhatuora.govt.nz or join our chat site at https://ehealthforum.nz/c/general/standards