

## NZHTS release note for September 2024

### 17 September 2024

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

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

### Previously released content

Release date	New content
June 2023	<ul style="list-style-type: none"> <li>NZ Medicines Terminology (NZMT) code sets</li> </ul>
July 2023	<ul style="list-style-type: none"> <li>Ethnic group level 1 and level 2 codes</li> <li>MedDRA version 26.0 pharmacovigilance codes</li> <li>Read to SNOMED map</li> <li>NZMT July 2023 release</li> </ul>
October 2023	<ul style="list-style-type: none"> <li>CanShare reference sets</li> <li>Assistance and preferences reference set</li> <li>Common patient friendly terms reference set</li> <li>Female pelvic surgical mesh injury reference set</li> <li>Oral health reference sets</li> </ul>
November 2023	<ul style="list-style-type: none"> <li>MedDRA version 26.1</li> <li>Rheumatic fever code sets</li> </ul>
March 2024	<ul style="list-style-type: none"> <li>Unified Code for Units of Measure (UCUM)</li> </ul>
April 2024	<ul style="list-style-type: none"> <li>SNOMED NZ Edition April 2024 release</li> <li>MedDRA 27.0</li> <li>LOINC 2.77</li> <li>NZ Medicines Terminology (NZMT) April 2024 release</li> </ul>
May 2024	<ul style="list-style-type: none"> <li>CVX vaccination codes</li> <li>Nutrition Care Process Terminology (NCPT) Nutrition Reference Set</li> <li>NZPOCS April 2024 release</li> <li>NZ Medicines Terminology (NZMT) May 2024 release</li> </ul>

June 2024	<ul style="list-style-type: none"><li>• NZPS Observation Vaping Status</li><li>• Ethnicity code sets version 2.1.0</li><li>• NZ Medicines Terminology (NZMT) June 2024 release</li></ul>
July 2024	<ul style="list-style-type: none"><li>• Language code system</li><li>• NHI language value set</li><li>• 99NZREL – Relationship concept mapping table</li><li>• NZ Medicines Terminology (NZMT) July 2024 release</li></ul>
August 2024	<ul style="list-style-type: none"><li>• Unified Code for Units of Measure (UCUM)</li><li>• NZ Medicines Terminology (NZMT) August 2024 release</li><li>• Omaha System</li></ul>

## New content this release

- MedDRA version 27.1
- NZ Medicines Terminology (NZMT) September 2024 release
- Stats NZ classifications:
  - Building Type – BT V1.0
  - Central Product Classification – CPC V2.0
  - Country 2-alpha – NZSCC2A99 V16.0
  - Country 4-numeric – NZSCC4N99 V15.0
  - Currency – CURRENCY V4.0
  - Dwelling Type – DWELTYPE99 V1.0
  - Gender – GENDER V1.0
  - Industry – ANZSIC06 V1.0
  - Iwi and Iwi-Related Groups V2.1
  - Language – LANGUAGE99 V3.0

## MedDRA version 27.1

MedDRA codes are used in pharmacovigilance reporting of adverse reactions to medicines. To support the process, we make MedDRA lowest level terms (LLT) code set available via NZHTS.

We have loaded MedDRA version 27.1, and this is now available to users alongside previous versions 27.0 and 26.0.

### MedDRA code system

Code system URI: <https://nzhts.digital.health.nz/fhir/CodeSystem/mdr-27-1>

### MedDRA value set

Value set URI: <https://nzhts.digital.health.nz/fhir/ValueSet/meddra-code-27-1>

## Stats NZ classifications

In this release, we have incorporated several Stats NZ classifications to further strengthen the alignment with national data standards. These include

- [Building Types – BT V1.0](#)
- [Central Product Classification – CPC V2.0](#)
- [Country 2-alpha – NZSCC2A99 V16.0](#)
- [Country 4-numeric – NZSCC4N99 V15.0](#)
- [Currency – CURRENCY V4.0](#)
- [Dwelling Type – DWELTYPE99 V1.0](#)
- [Gender – GENDER V1.0](#)
- [Industry – ANZSIC06 V1.0](#)
- [Iwi and Iwi-Related Groups V2.1](#)
- [Language – LANGUAGE99 V3.0](#)

### Example queries

Building type value set:

[https://nzhts.digital.health.nz/fhir/ValueSet/\\$expand?url=https://nzhts.digital.health.nz/fhir/ValueSet/building-type-code](https://nzhts.digital.health.nz/fhir/ValueSet/$expand?url=https://nzhts.digital.health.nz/fhir/ValueSet/building-type-code)

Central product code value set:

[https://nzhts.digital.health.nz/fhir/ValueSet/\\$expand?url=https://nzhts.digital.health.nz/fhir/ValueSet/central-product-code](https://nzhts.digital.health.nz/fhir/ValueSet/$expand?url=https://nzhts.digital.health.nz/fhir/ValueSet/central-product-code)

## NZMT September 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.

### NZMT concept types

NZMT is a SNOMED CT-based terminology with seven concept types. Each concept has a SNOMED CT identifier, a unique SNOMED fully specified name and preferred term, and a set of context-specific display terms.

<p><b>Medicinal Product (MP)</b> <b>Paracetamol</b> NZMT SCTID 10037191000116105</p>	<p><b>Trade Product (TP)</b> <b>Panadol</b> NZMT SCTID 10510491000116108</p>
<p><b>Medicinal Product Unit of Use (MPUU)</b> <b>paracetamol 500 mg tablet</b>  NZMT SCTID 10037311000116101</p>	<p><b>Trade Product Unit of Use (TPUU)</b> <b>Panadol 500 mg tablet: film-coated, 1 tablet.</b>  NZMT SCTID 10510501000116104</p>
<p><b>Medicinal Product Pack (MPP)</b> <b>paracetamol 500 mg tablet, 20 tablets</b>  NZMT SCTID 10037331000116107</p>	<p><b>Trade Product Pack (TPP)</b> <b>Panadol 500 mg tablet: film-coated, 20 tablets</b>  NZMT SCTID 20025081000116103</p>
	<p><b>Containerised Trade Product Pack (CTPP)</b> <b>Panadol 500 mg tablet: film-coated, 20 tablets, blister pack</b> NZMT SCTID 50032671000117104</p>

### 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](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](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](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](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](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](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)**

### Upcoming releases

New content in following releases will include:

- SNOMED NZ Edition October 2024 release
- NZ Medicines Terminology (NZMT) October 2024 release
- Long term conditions reference sets
- Primary care reference sets
- General dentistry and odontogram reference sets
- Anatomical Therapeutic Chemical (ATC) classification system and the Defined Daily Dose (DDD)
- 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](mailto: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](mailto:standards@tewhatuora.govt.nz) or join our chat site at <https://ehealthforum.nz/c/general/standards>