

# **Health & Care Information Model:**

**nl.zorg.HoNOS+-v1.0**

Status: Final

Release status: Prepublished

# Content

<b>1. nl.zorg.HoNOS+-v1.0.....</b>	<b>3</b>
1.1 Revision History.....	3
1.2 Concept .....	3
1.3 Mindmap .....	3
1.4 Purpose.....	3
1.5 Patient Population .....	3
1.6 Evidence Base .....	3
1.7 Information Model .....	3
1.8 Example Instances.....	7
1.9 Instructions.....	7
1.10 Interpretation.....	7
1.11 Care Process .....	7
1.12 Example of the Instrument .....	7
1.13 Constraints.....	7
1.14 Issues.....	8
1.15 References .....	8
1.16 Functional Model .....	8
1.17 Traceability to other Standards.....	8
1.18 Disclaimer .....	8
1.19 Terms of Use .....	8
1.20 Copyrights .....	8

## 1. nl.zorg.HoNOS+-v1.0

DCM::CoderList	Projectgroep VIPP GGZ
DCM::ContactInformation.Address	*
DCM::ContactInformation.Name	*
DCM::ContactInformation.Telecom	*
DCM::ContentAuthorList	Projectgroep VIPP GGZ
DCM::CreationDate	30-3-2022
DCM::DeprecatedDate	
DCM::DescriptionLanguage	nl
DCM::EndorsingAuthority.Address	
DCM::EndorsingAuthority.Name	*
DCM::EndorsingAuthority.Telecom	
DCM::Id	2.16.840.1.113883.2.4.3.11.60.40.3.4.36
DCM::KeywordList	
DCM::LifecycleStatus	Final
DCM::ModelerList	Projectgroep VIPP GGZ
DCM::Name	nl.zorg.HoNOS+
DCM::PublicationDate	15-10-2023
DCM::PublicationStatus	Prepublished
DCM::ReviewerList	
DCM::RevisionDate	
DCM::Supersedes	*
DCM::Version	1.0
HCIM::PublicationLanguage	EN

### 1.1 Revision History

Publicatieversie 1.0 (10-06-2022)

### 1.2 Concept

The Health of the Nation Outcome Scales + (HoNOS+) is an extension of HoNOS that was developed by the UK Department of Health (Wing et al. 1998), with the aim of assessing mental health status and social status in a simple, reliable and valid way mental patients.

### 1.3 Mindmap

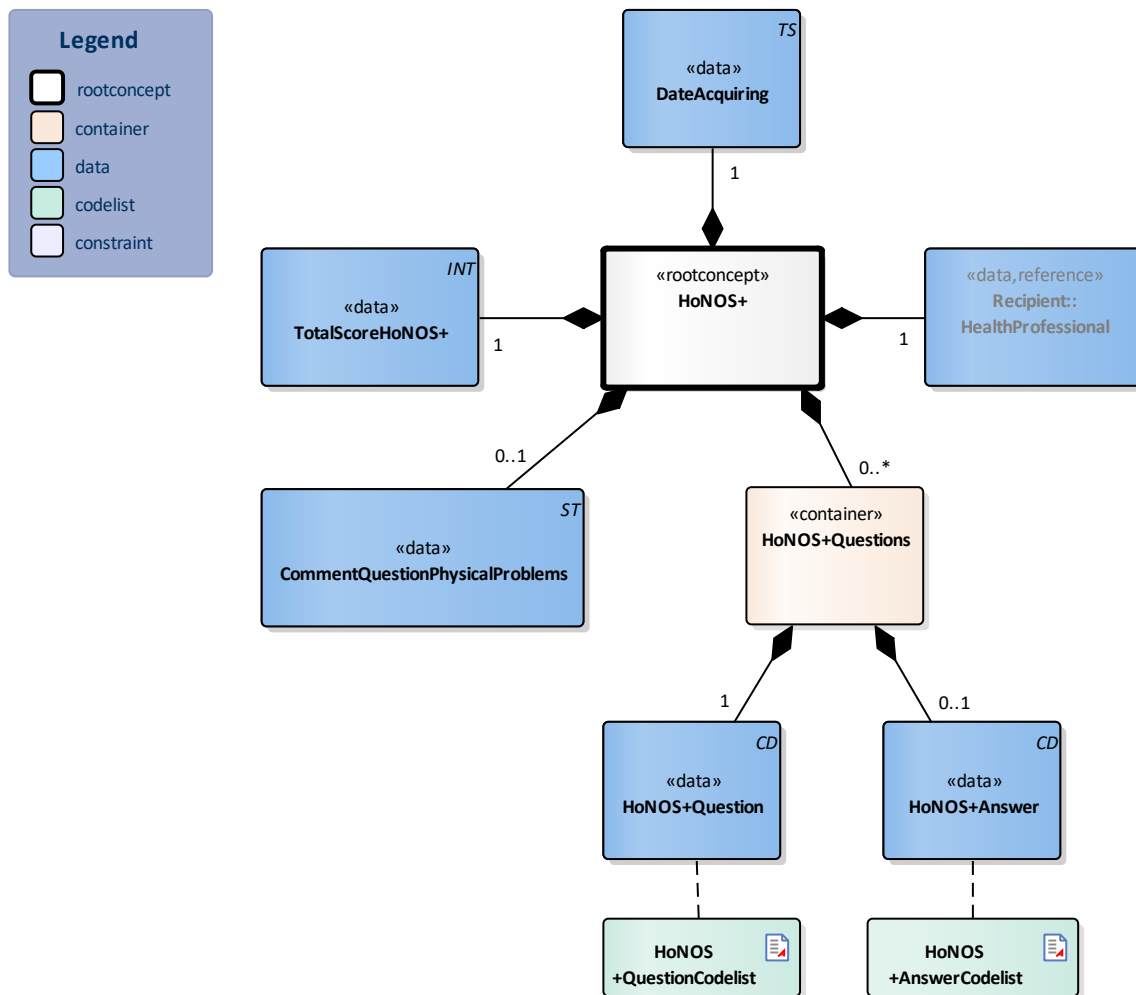
### 1.4 Purpose

Important parts of the care demand typing are the HoNOS+ questionnaire and the color-coded scoring scheme. With this you determine the care demand of the patient, which is expressed in a care demand type.

### 1.5 Patient Population

### 1.6 Evidence Base

### 1.7 Information Model



«rootconcept»	HoNOS+	
Definitie	Root concept of the HoNOS+ information model.This root concept contains all data elements of the HoNOS+ information model.	
Datatype		
DCM::ConceptId	NL-CM:4.36.1	
DCM::DefinitionCode	SNOMED CT: 180171000146104 Health of the Nation Outcome Scale +	
Opties		

«data»	DateAcquiring	
Definitie	Date of taking of the HoNOS+.	
Datatype	TS	
DCM::ConceptId	NL-CM:4.36.2	
Opties		

«data»	Recipient::HealthProfessional	
Definitie	Health professional who is responsible for taking of the HoNOS+.	
Datatype		
DCM::ConceptId	NL-CM:4.36.3	
DCM::ReferencedConceptId	NL-CM:17.1.1	This is a reference to the rootconcept of information model HealthProfessional.
Opties		

«data»	TotalScoreHoNOS+	
Definitie	The total score is the sum of the individual questions.	

<b>Datatype</b>	INT	
<b>DCM::ConceptId</b>	NL-CM:4.36.4	
<b>DCM::DefinitionCode</b>	SNOMED CT: 180181000146102 Health of the Nation Outcome Scale + total score	
<b>Opties</b>		

<b>«data»</b>	<b>CommentQuestionPhysicalProblems</b>	
<b>Definitie</b>	An explanation of the question about psychological problems.	
<b>Datatype</b>	ST	
<b>DCM::ConceptId</b>	NL-CM:4.36.5	
<b>Opties</b>		

<b>«container»</b>	<b>HoNOS+Questions</b>	
<b>Definitie</b>	Container of the HoNOS+Questions concept.This container contains all data elements of the HoNOS+Questions concept.	
<b>Datatype</b>		
<b>DCM::ConceptId</b>	NL-CM:4.36.6	
<b>Opties</b>		

<b>«data»</b>	<b>HoNOS+Question</b>	
<b>Definitie</b>	The question fo the HoNOS+.	
<b>Datatype</b>	CD	
<b>DCM::ConceptId</b>	NL-CM:4.36.7	
<b>DCM::ValueSet</b>	HoNOS+QuestionCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.36.1
<b>Opties</b>		

<b>«data»</b>	<b>HoNOS+Answer</b>	
<b>Definitie</b>	The answer of the individual question of the HoNOS+.	
<b>Datatype</b>	CD	
<b>DCM::ConceptId</b>	NL-CM:4.36.8	
<b>DCM::ValueSet</b>	HoNOS+AnswerCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.36.2
<b>Opties</b>		

<b>«document»</b>	<b>HoNOS+QuestionCodelist</b>	
<b>Definitie</b>		
<b>Datatype</b>		
<b>DCM::ValueSetBinding</b>	Required	
<b>DCM::ValueSetId</b>	2.16.840.1.113883.2.4.3.11.60.40.2.4.36.1	
<b>HCIM::ValueSetLanguage</b>	NL	
<b>Opties</b>		

<b>HoNOS+VraagCodelijst</b>			<b>OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.36.1</b>	
<b>Concept Name</b>	<b>Concept Code</b>	<b>Coding Syst. Name</b>	<b>Coding System OID</b>	<b>Description</b>
HoNOS+ Behaviour	H+V01	HoNOS+_Vragen	2.16.840.1.113883.2.4.3.11.60.40.4.28.1	HoNOS+ Gedrag
HoNOS+ Self-injury	H+V02	HoNOS+_Vragen	2.16.840.1.113883.2.4.3.11.60.40.4.28.1	HoNOS+ Zelfverwonding
HoNOS+ Drinking - drug-taking	H+V03	HoNOS+_Vragen	2.16.840.1.113883.2.4.3.11.60.40.4.28.1	HoNOS+ Drank-drugsgebruik

HoNOS+ Cognitive	H+V04	HoNOS+_Vragen	2.16.840.1.113883.2.4.3.11.60.40.4.28.1	HoNOS+ Cognitief
HoNOS+ Physical	H+V05	HoNOS+_Vragen	2.16.840.1.113883.2.4.3.11.60.40.4.28.1	HoNOS+ Lichamelijk
HoNOS+ Hallucinations and delusions	H+V06	HoNOS+_Vragen	2.16.840.1.113883.2.4.3.11.60.40.4.28.1	HoNOS+ Hallucinaties en wanen
HoNOS+ Depressed mood	H+V07	HoNOS+_Vragen	2.16.840.1.113883.2.4.3.11.60.40.4.28.1	HoNOS+ Depressie
HoNOS+ Other mental problems	H+V08	HoNOS+_Vragen	2.16.840.1.113883.2.4.3.11.60.40.4.28.1	HoNOS+ Overig psychisch
HoNOS+ Relations	H+V09	HoNOS+_Vragen	2.16.840.1.113883.2.4.3.11.60.40.4.28.1	HoNOS+ Relaties
HoNOS+ ADL	H+V10	HoNOS+_Vragen	2.16.840.1.113883.2.4.3.11.60.40.4.28.1	HoNOS+ ADL
HoNOS+ Living conditions	H+V11	HoNOS+_Vragen	2.16.840.1.113883.2.4.3.11.60.40.4.28.1	HoNOS+ Woonomstandigheden
HoNOS+ Skills	H+V12	HoNOS+_Vragen	2.16.840.1.113883.2.4.3.11.60.40.4.28.1	HoNOS+ Vaardigheden
HoNOS+ Thoughts	H+V13	HoNOS+_Vragen	2.16.840.1.113883.2.4.3.11.60.40.4.28.1	HoNOS+ Gedachten
HoNOS+ Hist: Behaviour	H+VA	HoNOS+_Vragen	2.16.840.1.113883.2.4.3.11.60.40.4.28.1	HoNOS+ Hist: Gedrag
HoNOS+ Hist: Self-injury	H+VB	HoNOS+_Vragen	2.16.840.1.113883.2.4.3.11.60.40.4.28.1	HoNOS+ Hist: Zelfverwonding
HoNOS+ Hist: Protection	H+VC	HoNOS+_Vragen	2.16.840.1.113883.2.4.3.11.60.40.4.28.1	HoNOS+ Hist: Bescherming
HoNOS+ Hist: Commitment/motivation	H+VD	HoNOS+_Vragen	2.16.840.1.113883.2.4.3.11.60.40.4.28.1	HoNOS+ Hist: Betrokkenheid/motivatie
HoNOS+ Hist: Vulnerability	H+VE	HoNOS+_Vragen	2.16.840.1.113883.2.4.3.11.60.40.4.28.1	HoNOS+ Hist: Kwetsbaarheid
HoNOS+ Hist: Drinking - drug-taking	H+VQ	HoNOS+_Vragen	2.16.840.1.113883.2.4.3.11.60.40.4.28.1	HoNOS+ Hist: drank-drugsgebruik

«document»	HoNOS+AnswerCodelist			
Definitie				
Datatype				
DCM::ValueSetBinding	Required			
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.4.36.2			
HCIM::ValueSetLanguage	NL			
Opties				
HoNOS+AntwoordCodelijst			OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.36.2	
Concept Name	Concept Code	Coding Syst. Name	Coding System OID	Description
No problem	0	HoNOS+_Ernst	2.16.840.1.113883.2.4.3.11.60.40.4.28.2	Geen probleem
Minor problem requiring no formal action	1	HoNOS+_Ernst	2.16.840.1.113883.2.4.3.11.60.40.4.28.2	Ondergeschikt probleem, vereist geen actie
Mild problem	2	HoNOS+_Ernst	2.16.840.1.113883.2.4.3.11.60.40.4.28.2	Licht probleem, maar duidelijk aanwezig
Problem of moderate severity	3	HoNOS+_Ernst	2.16.840.1.113883.2.4.3.11.60.40.4.28.2	Matig ernstig probleem
Severe to very severe problem	4	HoNOS+_Ernst	2.16.840.1.113883.2.4.3.11.60.40.4.28.2	Ernstig tot zeer ernstig probleem

	Legend
Definitie	
Datatype	
Opties	

## 1.8 Example Instances

HoNOS+	
DatumAfname	11-05-2022
Afnemer::Zorgverlener	
Medewerkerscode	01299
AGBCode	01999999
Initialen	H.A
Geslachtsnaam	Janszens
ZorgverlenersRol	Psychiater
HoNOS+Vragen	
HoNOS+Vraag	H+V01
HoNOS+Antwoord	1
HoNOS+Vragen	
HoNOS+Vraag	H+V02
HoNOS+Antwoord	2
HoNOS+Vragen	
HoNOS+Vraag	H+V03
HoNOS+Antwoord	1
HoNOS+Vragen	
HoNOS+Vraag	H+V04
HoNOS+Antwoord	4
HoNOS+Vragen	
HoNOS+Vraag	H+V05
HoNOS+Antwoord	0

## 1.9 Instructions

## 1.10 Interpretation

## 1.11 Care Process

## 1.12 Example of the Instrument

## 1.13 Constraints

## **1.14 Issues**

## **1.15 References**

## **1.16 Functional Model**

## **1.17 Traceability to other Standards**

## **1.18 Disclaimer**

The Health and Care Information Models (a.k.a Clinical Building Block) has been made in collaboration with several different parties in healthcare. These parties asked Nictiz to manage good maintenance and development of the information models. Hereafter, these parties and Nictiz are referred to as the collaborating parties. The collaborating parties paid utmost attention to the reliability and topicality of the data in these Health and Care Information Models. Omissions and inaccuracies may however occur. The collaborating parties are not liable for any damages resulting from omissions or inaccuracies in the information provided, nor are they liable for damages resulting from problems caused by or inherent to distributing information on the internet, such as malfunctions, interruptions, errors or delays in information or services provide by the parties to you or by you to the parties via a website or via e-mail, or any other digital means. The collaborating parties will also not accept liability for any damages resulting from the use of data, advice or ideas provided by or on behalf of the parties by means of the Health and Care Information Models. The parties will not accept any liability for the content of information in this Health and Care Information Model to which or from which a hyperlink is referred. In the event of contradictions in mentioned Health and Care Information Model documents and files, the most recent and highest version of the listed order in the revisions will indicate the priority of the documents in question. If information included in the digital version of a Health and Care Information Model is also distributed in writing, the written version will be leading in case of textual differences. This will apply if both have the same version number and date. A definitive version has priority over a draft version. A revised version has priority over previous versions.

## **1.19 Terms of Use**

The user may use the Health and Care Information Models without limitations. The copyright provisions in the paragraph concerned apply to copying, distributing and passing on the Health and Care Information Models.

## **1.20 Copyrights**

A Health and Care Information Model qualifies as a work within the meaning of Section 10 of the Copyright Act (Auteurswet). Copyrights protect the Health and Care Information Models and these rights are owned by the cooperating parties.

The user may copy, distribute and pass on the information in this Health and Care Information Model under the conditions that apply for Creative Commons license Attribution-NonCommercial-ShareAlike 3.0 Netherlands (CC BY-NC-SA-3.0).

The content is available under Creative Commons Attribution-NonCommercial-ShareAlike 3.0 (see also <http://creativecommons.org/licenses/by-nc-sa/3.0/nl/>)

This does not apply to information from third parties that sometimes is used and / or referred to in a Health and Care Information Model, for example to an international medical terminology system. Any (copyright) rights that protect this information are not owned by the cooperating parties but by those third parties.



