

# Health & Care Information Model:

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

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Release status: Prepublished

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

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## 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

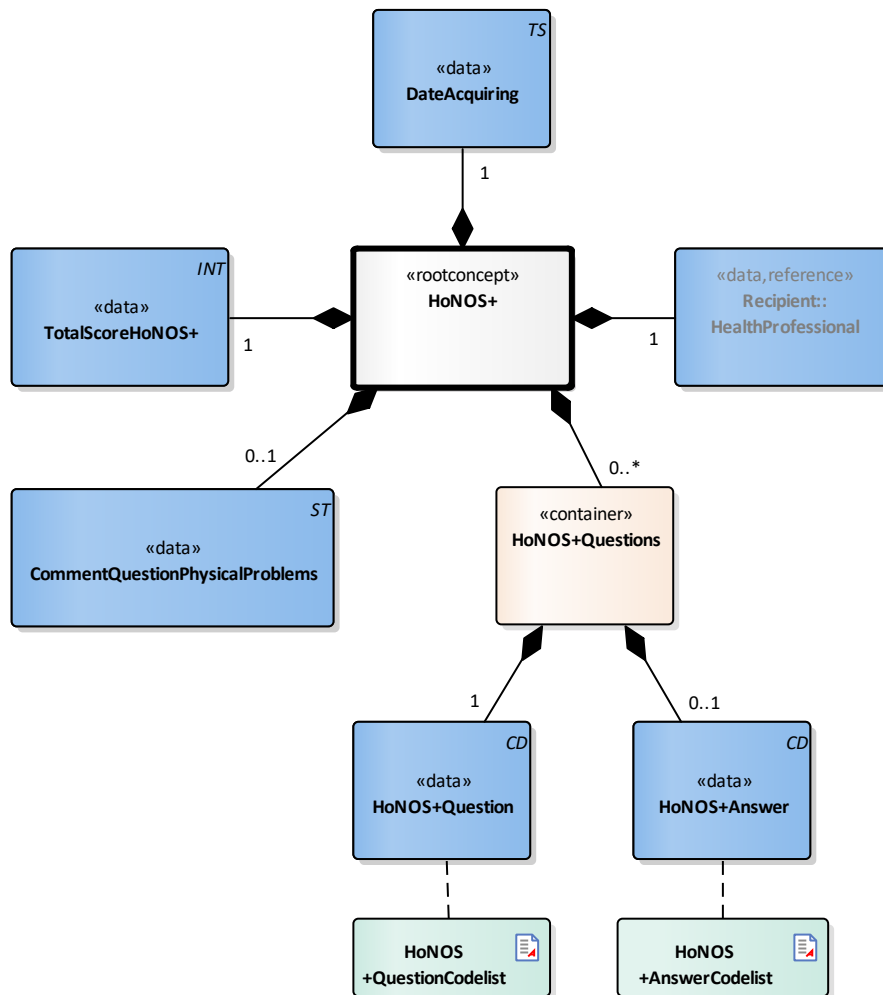
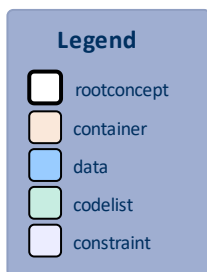
## 1.4 Purpose

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

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

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

«data»	TotalScoreHoNOS+	
<b>Definitie</b>	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>	
Concept Name	Concept Code	Coding Syst. Name	Coding System OID	Description
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		
<b>Definitie</b>				
<b>Datatype</b>				
<b>DCM::ValueSetBinding</b>	Required			
<b>DCM::ValueSetId</b>	2.16.840.1.113883.2.4.3.11.60.40.2.4.36.2			
<b>HCIM::ValueSetLanguage</b>	NL			
<b>Opties</b>				
<b>HoNOS+AntwoordCodelijst</b>		<b>OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.36.2</b>		
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

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