

# Patient—degree of hearing impairment, code N

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# Patient—degree of hearing impairment, code N

## Identifying and definitional attributes

<b>Metadata item type:</b>	Data Element
<b>Short name:</b>	Degree of hearing impairment
<b>Synonymous names:</b>	Severity of hearing impairment
<b>METEOR identifier:</b>	500419
<b>Registration status:</b>	<a href="#">Indigenous</a> , Standard 11/08/2014
<b>Definition:</b>	The degree of a patient's <a href="#">hearing impairment</a> measured in decibel hearing level (dBHL), as represented by a code.

## Data element concept attributes

### Identifying and definitional attributes

<b>Data element concept:</b>	<a href="#">Patient—degree of hearing impairment</a>
<b>METEOR identifier:</b>	500406
<b>Registration status:</b>	<a href="#">Indigenous</a> , Standard 08/08/2014
<b>Definition:</b>	A measurement of the degree of a patient's <a href="#">hearing impairment</a> measured in decible hearing level (dBHL).
<b>Object class:</b>	<a href="#">Patient</a>
<b>Property:</b>	<a href="#">Degree of hearing impairment</a>

### Source and reference attributes

**Submitting organisation:** Australian Institute of Health and Welfare

## Value domain attributes

### Identifying and definitional attributes

<b>Value domain:</b>	<a href="#">Degree of hearing impairment code N</a>
<b>METEOR identifier:</b>	497233
<b>Registration status:</b>	<a href="#">Indigenous</a> , Standard 08/08/2014
<b>Definition:</b>	Code set representing the degree of hearing impairment measured in decibel hearing level (dBHL).

### Representational attributes

<b>Representation class:</b>	Code
<b>Data type:</b>	Number
<b>Format:</b>	N
<b>Maximum character length:</b>	1

	<b>Value</b>	<b>Meaning</b>
<b>Permissible values:</b>	1	Mild
	2	Moderate
	3	Severe
	4	Profound

<b>Supplementary values:</b>	8	Unknown
	9	Not stated/inadequately described

**Proposed unit of measure:** Decibel hearing level(dBHL)

## Collection and usage attributes

**Guide for use:** The degree of hearing impairment is based on the better ear and is measured in decibel hearing level (dBHL) as follows:

CODE 1 Mild  
16-30dBHL in sound proof conditions and 26-35dBHL in non-soundproof conditions

CODE 2 Moderate  
31-60dBHL in sound proof conditions and 36-60dBHL in non-soundproof conditions

CODE 3 Severe  
61-90dBHL in sound proof conditions and 61-90dBHL in non-soundproof conditions

CODE 4 Profound  
91dBHL in sound proof conditions and 91dBHL in non-soundproof conditions.

## Source and reference attributes

**Submitting organisation:** Australian Institute of Health and Welfare

**Reference documents:** AIHW (Australian Institute of Health and Welfare) 2011. Ear and hearing health of Indigenous children in the Northern Territory 2011. Cat. no. IHW 60. Canberra: AIHW. Pg 34. <http://www.aihw.gov.au/publication-detail/?id=10737420423>

## Data element attributes

### Collection and usage attributes

**Guide for use:** Hearing impairment is a classification of functional impairment of the 3 frequency average (dBHL): 500Hz, 1000Hz and 2000Hz of thresholds in the better hearing ear.

Based on standards hearing impairment classification for children as recommended by Australian Hearing as data relates only to children.

### Source and reference attributes

**Submitting organisation:** Australian Institute of Health and Welfare

**Steward:** [Australian Institute of Health and Welfare](http://www.aihw.gov.au)

### Relational attributes

**Implementation in Data Set Specifications:**

[Stronger Futures in the Northern Territory Children's Health Checks: Audiology services DSS, May 2011-March 2012](#)

[Indigenous](#), Superseded 18/02/2015

**Implementation start date:** 01/05/2011

**Implementation end date:** 31/03/2012

**Conditional obligation:** Valid where a 'yes' response to the degree of hearing impairment indicator data element is selected.

**DSS specific information:**

The pure tone thresholds used to identify hearing impairment in the Audiology Services DSS are based on recommendations from Australian Hearing. They differ from the World Health Organization (WHO) standards as data relates only to children.

Coding note: If a hearing impairment measurement is provided for both left and right ear, and it is indicated which measurement relates to which ear, the hearing impairment of least severity is recorded as the response to this question (ie. the response is based on the better ear).

[Stronger Futures in the Northern Territory: Audiology services DSS, April 2012-April 2013](#)

[Indigenous](#), Superseded 18/02/2015

**Implementation start date:** 01/04/2012

**Implementation end date:** 30/04/2013

**Conditional obligation:** Valid where a 'yes' response to the degree of hearing impairment indicator data element is selected.

**DSS specific information:**

The pure tone thresholds used to identify hearing impairment in the Audiology Services DSS are based on recommendations from Australian Hearing. They differ from the World Health Organization (WHO) standards as data relates only to children.

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[Stronger Futures in the Northern Territory: Audiology services DSS, May 2013-August 2014](#)

[Indigenous](#), Standard 18/02/2015

**Implementation start date:** 01/05/2013

**Conditional obligation:** Valid where a 'yes' response to the degree of hearing impairment indicator data element is selected.

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