

# Person—level of cognitive ability, Standardised Mini-Mental State Examination assessment code N

## Identifying and definitional attributes

<b>Metadata item type:</b>	Data Element
<b>Short name:</b>	Level of cognitive ability (SMMSE score)
<b>Synonymous names:</b>	SMMSE score; Mini-Mental score
<b>METEOR identifier:</b>	583796
<b>Registration status:</b>	<ul style="list-style-type: none"><li>• <a href="#">Health</a>, Superseded 19/11/2015</li></ul>
<b>Definition:</b>	The person's degree of cognitive ability to process thoughts and respond appropriately and safely, as represented by a Standardised Mini-Mental State Examination (SMMSE) score-based code.
<b>Data Element Concept:</b>	<a href="#">Person—level of cognitive ability</a>

## Value domain attributes

## Representational attributes

<b>Representation class:</b>	Code														
<b>Data type:</b>	Number														
<b>Format:</b>	N														
<b>Maximum character length:</b>	1														
<b>Permissible values:</b>	<table><thead><tr><th>Value</th><th>Meaning</th></tr></thead><tbody><tr><td>0</td><td>Score of 0</td></tr><tr><td>1</td><td>Score of 1</td></tr><tr><td>2</td><td>Score of 2</td></tr><tr><td>3</td><td>Score of 3</td></tr><tr><td>4</td><td>Score of 4</td></tr><tr><td>5</td><td>Score of 5</td></tr></tbody></table>	Value	Meaning	0	Score of 0	1	Score of 1	2	Score of 2	3	Score of 3	4	Score of 4	5	Score of 5
Value	Meaning														
0	Score of 0														
1	Score of 1														
2	Score of 2														
3	Score of 3														
4	Score of 4														
5	Score of 5														

**Supplementary values:****Value Meaning**

- 7 Not applicable - item has been omitted
- 8 Not known/not specified

**Collection and usage attributes****Guide for use:**

The Standardised Mini-Mental State Examination (SMMSE) is a clinical assessment tool which is used as a screening test for cognitive impairment (Molloy D, Alemayehu E, Roberts R 1991a).

The SMMSE consists of 12 items or questions which cover a range of cognitive domains. Each item has a maximum score:

<i>Question/ Item number</i>	<i>Cognitive domain</i>	<i>Maximum score</i>
1	Orientation - time	5
2	Orientation - place	5
3	Memory - immediate	3
4	Language/attention	5
5	Memory - short	3
6	Language/memory - long	1
7	Language/memory - long	1
8	Language/abstract thinking/verbal fluency	1
9	Language	1
10	Language/attention/comprehension	1
11	Attention/comprehension/follow commands/constructional	1
12	Attention/comprehension/ construction/follow commands	3
Total		30

Scores above 1 are not permissible for items 6-11.

Scores above 3 are not permissible for items 3 and 12.

Scores above 5 are not permissible for items 1, 2 and 4.

The scores are summed for the 12 items ranging from a minimum of 0 to a maximum of 30. The SMMSE can be adjusted for non-cognitive disabilities.

If an item cannot be modified or adjusted then the item is omitted, reducing the maximum obtainable score from 30. The formula  $((\text{Actual score} \times 30) / \text{Maximum obtainable score})$  is used to readjust the score to be comparable with unadjusted scores.

**Source and reference attributes**

**Submitting organisation:** Independent Hospital Pricing Authority

- Reference documents:** Molloy D, Alemayehy E, Roberts R 1991a. Reliability of a standardized Mini-Mental State Examination compared with the traditional Mini-Mental state Examination. *American Journal of Psychiatry*, Vol. 14:102-105.
- Molloy D, Alemayehy E, Roberts R 1991a. The *Standardised Mini-Mental State Examination* tool, Independent Hospital Pricing Authority, Australia. Viewed 4 September 2014, <http://ihpa.gov.au/internet/ihpa/publishing.nsf/Content/smmse-lp>
- Molloy D, Alemayehy E, Roberts R 1991a. The *Standardised Mini-Mental State Examination* guidelines, Independent Hospital Pricing Authority, Australia. Viewed 4 September 2014, <http://ihpa.gov.au/internet/ihpa/publishing.nsf/Content/smmse-lp>

## Data element attributes

### Source and reference attributes

**Submitting organisation:** Independent Hospital Pricing Authority

### Relational attributes

**Related metadata references:** Has been superseded by [Person—level of cognitive ability. Standardised Mini-Mental State Examination item score code N](#)

- [Health](#), Superseded 03/11/2016

**Implementation in Data Set Specifications:**

[Admitted subacute and non-acute hospital care DSS 2015-16 Health](#), Superseded 19/11/2015

**Implementation start date:** 01/07/2015

**Implementation end date:** 30/06/2016

**Conditional obligation:**

Only one set of SMMSE scores per Geriatric Evaluation and Management episode are required to be reported.

Only required to be reported for episodes of admitted patient care with [Hospital service—care type, code N\[N\]](#) recorded as Code 4, Geriatric evaluation and management.

Only required to be reported when the [Episode of admitted patient care—clinical assessment only indicator, yes/no code N](#) value is recorded as Code 2, No.

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