

# 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, Superseded 19/11/2015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.

## Data element concept attributes

### Identifying and definitional attributes

<b>Data element concept:</b>	<a href="#">Person—level of cognitive ability</a>
<b>METEOR identifier:</b>	583805
<b>Registration status:</b>	<ul style="list-style-type: none"><li>• <a href="#">Health</a>, Standard 13/11/2014</li></ul>
<b>Definition:</b>	The person's degree of cognitive ability to process thoughts and respond appropriately and safely.
<b>Object class:</b>	<a href="#">Person</a>
<b>Property:</b>	<a href="#">Level of cognitive ability</a>

### Source and reference attributes

**Submitting organisation:** Independent Hospital Pricing Authority

## Value domain attributes

### Identifying and definitional attributes

**Value domain:** [Standardised Mini-Mental State Examination assessment code N](#)

**METEOR identifier:** 583783

**Registration status:**

- [Health](#), Superseded 19/11/2015

**Definition:** A code set representing the score of an item in the Standardised Mini-Mental State Examination (SMMSE) tool completed at the time of clinical assessment, covering a variety of cognitive domains.

## Representational attributes

**Representation class:** Code

**Data type:** Number

**Format:** N

**Maximum character length:** 1

**Permissible values:**

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:

Question/ Item number	Cognitive domain	Maximum score
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, Alemayehu 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, Alemayehu 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, Alemayehu 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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