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

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

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| Identifying and definitional attributes |
| Metadata item type: | Data Element |
| Short name: | Level of cognitive ability (SMMSE score) |
| Synonymous names: | SMMSE score; Mini-Mental score |
| METEOR identifier: | 583796 |
| Registration status: | [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 19/11/2015 |
| Definition: | 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. |

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| Data element concept attributes |
| Identifying and definitional attributes |
| Data element concept: | [Person—level of cognitive ability](https://meteor.aihw.gov.au/content/583805)  |
| METEOR identifier: | 583805 |
| Registration status: | [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 13/11/2014 |
| Definition: | The person's degree of cognitive ability to process thoughts and respond appropriately and safely. |
| Object class: | [Person](https://meteor.aihw.gov.au/content/268955) |
| Property: | [Level of cognitive ability](https://meteor.aihw.gov.au/content/583803) |
| Source and reference attributes |
| Submitting organisation: | Independent Hospital Pricing Authority |

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| Value domain attributes  |
| Identifying and definitional attributes |
| Value domain: | [Standardised Mini-Mental State Examination assessment code N](https://meteor.aihw.gov.au/content/583783) |
| METEOR identifier: | 583783 |
| Registration status: | [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 19/11/2015 |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.  |

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| Representational attributes |
| Representation class: | Code |
| Data type: | Number |
| Format: | N |
| Maximum character length: | 1 |
|   | **Value** | **Meaning** |
| Permissible values: | 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: | 7 | Not applicable - item has been omitted |
|   | 8  | Not known/not specified  |

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| 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:

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|  *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 ((Actual score x 30)/Maximum obtainable score) is used to readjust the score to be comparable with unadjusted scores. |

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| 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> |

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| 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](https://meteor.aihw.gov.au/content/617812)       [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 03/11/2016 |
| Implementation in Data Set Specifications: | [Admitted subacute and non-acute hospital care DSS 2015-16](https://meteor.aihw.gov.au/content/588098)       [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), 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]](https://meteor.aihw.gov.au/content/584408) 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](https://meteor.aihw.gov.au/content/550492) value is recorded as Code 2, No. |