



**Australian Government**

**Department of Health**

# **PRIMARY MENTAL HEALTH CARE MINIMUM DATA SET**

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## **The National Suicide Prevention Trial Evaluation**

**Suicidal Ideation Attributes Scale (SIDAS)**

**1 July 2018**



**THE UNIVERSITY OF  
MELBOURNE**

### Version History

Date	Details
1 July 2018	Initial Version

## Suicidal Ideation Attributes Scale (SIDAS)

The SIDAS is designed to screen individuals in the community for presence of suicidal thoughts and assess the severity of these thoughts. It consists of five items, each targeting an attribute of suicidal thoughts: frequency, controllability, closeness to attempt, level of distress associated with the thoughts and impact on daily functioning. Responses are measured on a 10-point scale. Items are coded so that a higher total score reflects more severe suicidal thoughts.

### Norms & psychometric properties

**Sensitivity and specificity:** The SIDAS has been validated in an online survey of community-based Australian adults (18+). In this sample (n=1,352), a cut-off of 1 had sensitivity of 85.5% for suicide plans and 84.0% for suicide attempts (with 67.1% and 63.6% specificity, respectively). However, high specificity is needed to identify individuals most likely to engage in suicidal behaviour. Scores  $\geq 21$  had 95.8% specificity for presence of a suicide plan in the past year and 94.9% specificity for presence of preparation/attempt in the past year (with 39.6% and 50.0% sensitivity, respectively). Based on these results, any ideation would be indicative of risk for suicidal behaviour, while a cut-off of 21 on the SIDAS may be used to indicate high risk of suicidal behaviour.

**Internal consistency:** The SIDAS had high internal consistency (Cronbach alpha = 0.91).

**Factor structure:** In the full sample (n=1,352), all five items loaded on a single factor with an eigenvalue of 3.8 and accounting for 75.5% of total variance. In the sample with suicidal thoughts (n=560), the single factor had an eigenvalue of 3.3 and accounted for 65.5% of total variance. All items had absolute factor loadings greater than 0.6, indicating that the attributes of suicidal ideation measured appear to contribute to a unidimensional construct of suicidal ideation.

**Convergent validity:** The SIDAS total score had good convergent validity with the Columbia-Suicide Severity Rating Scale frequency item ( $r=0.61$ ), duration item ( $r=0.50$ ), and controllability item ( $r=0.44$ ). Similarly, the SIDAS had good convergent validity with the Patient Health Questionnaire 9 ( $r=0.65$ ), General Anxiety Disorder 7 ( $r=0.58$ ), and Insomnia Severity Index ( $r=0.40$ ).

### Key references:

Van Spijker, B.A.J., Batterham, P.J., Cleave, A.L., Farrer, L., Christensen, H., Reynolds, J. & Kerkhof, A.J.F.M. (2014). The Suicidal Ideation Attributes Scale (SIDAS): Community-based validation study of a new scale for the measurement of suicidal ideation. *Suicide and Life-Threatening Behavior*, 44 (4), 408-419.



Patient or Client Identifier:	
<div style="border-bottom: 1px solid black; width: 100%;"></div>	
Surname:	
<div style="border-bottom: 1px solid black; width: 100%;"></div>	
Other names:	
<div style="border-bottom: 1px solid black; width: 100%;"></div>	
Date of Birth:	Sex:
<div style="border-bottom: 1px solid black; width: 100%;"></div>	Male <input type="checkbox"/> Male <input type="checkbox"/> Female <input type="checkbox"/>
Address:	
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Date completed: \_\_ / \_\_ / \_\_\_\_

## Instructions

The following five questions ask about how you have been feeling in the **past month**. For each question, circle the number under the option that best describes the amount of time you felt that way.

### 1. In the past month, how often have you had thoughts about suicide?

(0 = Never, 10 = Always)

0	1	2	3	4	5	6	7	8	9	10
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**Note:** Respondents who respond “0 – Never” to the first question skip all remaining questions.

### 2. In the past month, how much control have you had over these thoughts?

(0 = No control, 10 = Full control)

0	1	2	3	4	5	6	7	8	9	10
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### 3. In the past month, how close have you come to making a suicide attempt?

(0 = Not close at all, 10 = Made an attempt)

0	1	2	3	4	5	6	7	8	9	10
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### 4. In the past month, to what extent have you felt tormented by thoughts about suicide?

(0 = Not at all, 10 = Extremely)

0	1	2	3	4	5	6	7	8	9	10
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### 5. In the past month, how much have thoughts about suicide interfered with your ability to carry out daily activities, such as work, household tasks or social activities?

(0 = Not at all, 10 = Extremely)

0	1	2	3	4	5	6	7	8	9	10
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**Thankyou for completing this questionnaire.**

Please return it to the staff member who asked you to complete it.

## **SIDAS scoring**

Total SIDAS scores are calculated as the sum of the five items, with controllability reverse scored (10=0, 9=1, ..., 0=10). Total scores range from 0 to 50.

The Total score is computed as the sum of the reversed item scores. Respondents who respond “0 – Never” to the first item skip all remaining items and score a total of zero.

If any item has not been completed, other than those who respond “0 – Never” to the first item (that is, has not been coded 0-10), it is excluded from the calculation and not counted as a valid item. If any item is missing, the Total Score is set as missing.

For the Total score, the missing value used should be 99.