

PRIMARY MENTAL HEALTH CARE MINIMUM DATA SET

Scoring the Strengths and Difficulties Questionnaire

14 SEPTEMBER 2016

Adapted from Mental Health National Outcomes and Casemix Collection: Overview of clinician-rated and consumer self-report measures, Version 1.50. Department of Health and Ageing, Canberra, 2003

http://www.amhocn.org/publications/mental-health-national-outcomes-and-casemix-collection-overview-clinician-rated-and

Version History

Date	Details
1 December 2016	Initial Version

Strengths and Difficulties Questionnaire (SDQ)

Extensive support materials are available on the SDQ developers' website, including copies of the various versions of the instrument, background information and scoring instructions. See http://www.sdqinfo.com. There are six Australian versions (parent-report and youth-self report) currently specified for PMHC MDS reporting. These were originally negotiated by New South Wales Health with the SDQ author and copyright holder (Dr Robert Goodman) in 2002, and are also available on the SDQ website. They were first introduced in 2004 for mandatory reporting by state and territory specialised child & adolescent mental health services under the National Outcomes and Casemix Collection.

The "1" versions are administered on admission and are rated on the basis of the proceeding 6 months. The "2" follow up versions are administered on review and discharge and are rated on the basis of the previous 1 month period. The versions specified for PMHC MDS reporting are:

- PC1 Parent Report Measure for Children aged 04-10, Baseline version;
- PC2 Parent Report Measure for Children and Adolescents aged 4-10, Follow up version;
- PY1 Parent Report Measure for Youth aged 11-17, Baseline version;
- PY2 Parent Report Measure for Youth aged 11-17; Follow up version;
- YR1 Youth self report measure (11-17), Baseline version; and
- YR2 Youth self report measure (11-17), Follow up version.

Please note that the item numbering in the SDQ versions is deliberately non sequential because it covers all items in all versions, both to indicate item equivalence across versions and to assist data entry, especially of translated versions. The table below indicates the items that are included in each version, the rating periods used and the broad content covered by each item.

	Informant	Parent			Parent Young Person					
	Age range	4-10 11-		-17	11	-17				
	Application	Baseline	Followup	Baseline	Follow-up	Baseline	Followup			
	Rating period	6 months	1 month	6 months	1 month	6 months	1 month			
Items	Item Content		Version				Vers			
items		PC1	PC2	PY1	PY2	YR1	YR2			
1-25	Symptoms	✓	✓	✓	✓	✓	✓			
26	Overall	✓	✓	✓	✓	✓	✓			
27	Duration	✓	х	✓	х	✓				
28-33	Impact	✓	✓	✓	✓	✓	✓			
34-35	Follow up progress	Х	✓	Х	✓	Х	✓			
36-38	Cross-Informant information	✓	х	✓	x	X	х			
39-42	Cross-Informant information	х	х	х	х	✓	х			

SDQ PC1

	Patien	t or Client Identi	fier:	
Surname:				
Other names:				
Date of Birth:	Sex:			
		Male □ ₁	Female □2	
Address:				

Instructions: For each item, please mark the box for Not True, Somewhat True or Certainly True. It would help us if you answered all items as best you can even if you are not absolutely certain. Please give your answers on the basis of your child's behaviour **over the last six months.**

	Strengths and Difficulties Questionnaire	Not True	Somewhat True	Certainly True
1.	Considerate of other people's feelings	0	0	0
2.	Restless, overactive, cannot stay still for long	0	0	0
3.	Often complains of headaches, stomach-aches or sickness	0	0	0
4.	Shares readily with other children, for example toys, treats, pencils	0	0	0
5.	Often loses temper	0	0	0
6.	Rather solitary, prefers to play alone	0	0	0
7.	Generally well behaved, usually does what adults request	0	0	0
8.	Many worries or often seems worried	0	0	0
9.	Helpful if someone is hurt, upset or feeling ill	0	0	0
10.	Constantly fidgeting or squirming	0	0	0
11.	Has at least one good friend	0	0	0
12.	Often fights with other children or bullies them	0	0	0
13.	Often unhappy, depressed or tearful	0	0	0
14.	Generally liked by other children	0	0	0
15.	Easily distracted, concentration wanders	0	0	0
16.	Nervous or clingy in new situations, easily loses confidence	0	0	0
17.	Kind to younger children	0	0	0
18.	Often lies or cheats	0	0	0
19.	Picked on or bullied by other children	0	0	0
20.	Often volunteers to help others (parents, teachers, other children)	0	0	0
21.	Thinks things out before acting	0	0	0
22.	Steals from home, school or elsewhere	0	0	0
23.	Gets along better with adults than with other children	0	0	0
24.	Many fears, easily scared	0	0	0
25.	Good attention span, sees chores or homework through to the end	0	0	0

Please turn over - there are a few more questions on the other side

	Over the last six months, have your child's teachers complained of:	No	A Little	A Lot
36.	Fidgetiness, restlessness or overactivity	0	0	0
37.	Poor concentration or being easily distracted	0	0	0
38.	Acting without thinking, frequently butting in, or not waiting for his or her turn	0	0	0

		No	Yes – minor difficulties	Yes – definite difficulties	Yes – severe difficulties
26	Overall, do you think that your child has difficulties in any of the following areas: emotions, concentration, behaviour or being able to get along with other people?	0	0	0	0

		Less than a month	1-5 months	6-12 months	Over a year
27	How long have these difficulties been present?	0	0	0	0

		Not at all	A little	A medium amount	A great deal
28	Do the difficulties upset or distress your child?	0	0	0	0
	e difficulties interfere with your child's everyday life in the ving areas? 29. HOME LIFE	0	0	0	0
	30. FRIENDSHIPS	0	0	0	0
	31. CLASSROOM LEARNING	0	0	0	0
	32. LEISURE ACTIVITIES	0	0	0	0
33	Do the difficulties put a burden on you or the family as a whole?	0	0	0	0

Signature	Date	
Mother/Father/Other (please specify):		

Thank you very much for your help.

SDQ PC2

	Patient or Client Identifier:
Surname:	
Other names:	
Date of Birth:	Sex:
	Male \square_1 Female \square_2
Address:	

Instructions: For each item, please mark the box for Not True, Somewhat True or Certainly True. It would help us if you answered all items as best you can even if you are not absolutely certain. Please give your answers on the basis of your child's behaviour **over the last month**.

	Strengths and Difficulties Questionnaire	Not True	Somewhat True	Certainly True
1.	Considerate of other people's feelings	0	0	0
2.	Restless, overactive, cannot stay still for long	0	0	0
3.	Often complains of headaches, stomach-aches, or sickness	0	0	0
4.	Shares readily with other children, for example toys, treats, pencils	0	0	0
5.	Often loses temper	0	0	0
6.	Rather solitary, prefers to play alone	0	0	0
7.	Generally well behaved, usually does what adults request	0	0	0
8.	Many worries or often seems worried	0	0	0
9.	Helpful if someone is hurt, upset or feeling ill	0	0	0
10.	Constantly fidgeting or squirming	0	0	0
11.	Has at least one good friend	0	0	0
12.	Often fights with other children or bullies them	0	0	0
13.	Often unhappy, depressed or tearful	0	0	0
14.	Generally liked by other children	0	0	0
15.	Easily distracted, concentration wanders	0	0	0
16.	Nervous or clingy in new situations, easily loses confidence	0	0	0
17.	Kind to younger children	0	0	0
18.	Often lies or cheats	0	0	0
19.	Picked on or bullied by other children	0	0	0
20.	Often volunteers to help others (parents, teachers, other children)	0	0	0
21.	Thinks things out before acting	0	0	0
22.	Steals from home, school or elsewhere	0	0	0
23.	Gets along better with adults than with other children	0	0	0
24.	Many fears, easily scared	0	0	0
25.	Good attention span, sees chores or homework through to the end	0	0	0

Please turn over – there are a few more questions on the other side

		Much worse	A bit worse	About the same	A bit better	Much better
34	Since coming to the service, are your child's problems:	0	0	0	0	0

		Not at all	A little	A medium amount	A great deal
35	Has coming to the service been helpful in other ways e.g. providing information or making the problems more bearable?	0	0	0	0

		No	Yes – minor difficulties	Yes – definite difficulties	Yes – severe difficulties
26	Overall, do you think that your child has difficulties in any of the following areas: emotions, concentration, behaviour or being able to get along with other people?	0	0	0	0

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		Not at all	A little	A medium amount	A great deal
28	Do the difficulties upset or distress your child?	0	0	0	Ó
	ne difficulties interfere with your child's everyday life in the wing areas? 29. HOME LIFE	0	0	0	0
	30 FRIENDSHIPS	0	0	0	0
	31 CLASSROOM LEARNING	0	0	0	0
	32. LEISURE ACTIVITIES	0	0	0	0
33	Do the difficulties put a burden on you or the family as a whole?	0	0	0	0

Signature	Date	
Mother/Father/Other (please specify):_		

Thank you very much for your help.

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SDQ PY1

	Patient or Client Identifier:
Surname:	
Other names:	
Date of Birth:	Sex:
	Male \square_1 Female \square_2
Address:	

Instructions: For each item, please mark the box for Not True, Somewhat True or Certainly True. It would help us if you answered all items as best you can even if you are not absolutely certain. Please give your answers on the basis of your child's behaviour **over the last six months**.

	Strengths and Difficulties Questionnaire	Not True	Somewhat True	Certainly True
1.	Considerate of other people's feelings	0	0	0
2.	Restless, overactive, cannot stay still for long	0	0	0
3.	Often complains of headaches, stomach-aches, or sickness	0	0	0
4.	Shares readily with other young people, for example CDs, games, food	0	0	0
5.	Often loses temper	0	0	0
6.	Would rather be alone than with other young people	0	0	0
7.	Generally well behaved, usually does what adults request	0	0	0
8.	Many worries or often seems worried	0	0	0
9.	Helpful if someone is hurt, upset or feeling ill	0	0	0
10.	Constantly fidgeting or squirming	0	0	0
11.	Has at least one good friend	0	0	0
12.	Often fights with other young people or bullies them	0	0	0
13.	Often unhappy, depressed or tearful	0	0	0
14.	Generally liked by other young people	0	0	0
15.	Easily distracted, concentration wanders	0	0	0
16.	Nervous in new situations, easily loses confidence	0	0	0
17.	Kind to younger children	0	0	0
18.	Often lies or cheats	0	0	0
19.	Picked on or bullied by other young people	0	0	0
20.	Often volunteers to help others (parents, teachers, children)	0	0	0
21.	Thinks things out before acting	0	0	0
22.	Steals from home, school or elsewhere	0	0	0
23.	Gets along better with adults than with other young people	0	0	0
24.	Many fears, easily scared	0	0	0
25.	Good attention span, sees chores or homework through to the end	0	0	0

Please turn over - there are a few more questions on the other side

	Over the last six months, have your child's teachers complained of:	No	A Little	A Lot
36.	Fidgetiness, restlessness or overactivity	0	0	0
37.	Poor concentration or being easily distracted	0	0	0
38.	Acting without thinking, frequently butting in, or not waiting for his or her turn	0	0	0

		No	Yes – minor difficulties	Yes – definite difficulties	Yes – severe difficulties
26.	Overall, do you think that your child has difficulties in any of the following areas: emotions, concentration, behaviour or being able to get along with other people?	0	0	0	0

		Less than a month	1-5 months	6-12 months	Over a year
27.	How long have these difficulties been present?	0	0	0	0

		Not at all	A little	A medium amount	A great deal
28.	Do the difficulties upset or distress your child?	0	0	0	0
	e difficulties interfere with your child's everyday life in the ving areas? 29. HOME LIFE	0	0	0	0
	30. FRIENDSHIPS	0	0	0	0
	31. CLASSROOM LEARNING	0	0	0	0
	32. LEISURE ACTIVITIES	0	0	0	0
33.	Do the difficulties put a burden on you or the family as a whole?	0	0	0	0

Mother/Father/Other (please specify)	:
	Thank you very much for your help.

SDQ PY2

	Patient or Client Identifier:
Surname:	
Other names:	
Date of Birth:	Sex:
	Male \square_1 Female \square_2
Address:	

Instructions: For each item, please mark the box for Not True, Somewhat True or Certainly True. It would help us if you answered all items as best you can even if you are not absolutely certain. Please give your answers on the basis of your child's behaviour **over the last month**.

	Strengths and Difficulties Questionnaire	Not True	Somewhat True	Certainly True
1.	Considerate of other people's feelings	0	0	0
2.	Restless, overactive, cannot stay still for long	0	0	0
3.	Often complains of headaches, stomach-aches, or sickness	0	0	0
4.	Shares readily with other young people, for example CDs, games, food	0	0	0
5.	Often loses temper	0	0	0
6.	Would rather be alone than with other young people	0	0	0
7.	Generally well behaved, usually does what adults request	0	0	0
8.	Many worries or often seems worried	0	0	0
9.	Helpful if someone is hurt, upset or feeling ill	0	0	0
10.	Constantly fidgeting or squirming	0	0	0
11.	Has at least one good friend	0	0	0
12.	Often fights with other young people or bullies them	0	0	0
13.	Often unhappy, depressed or tearful	0	0	0
14.	Generally liked by other young people	0	0	0
15.	Easily distracted, concentration wanders	0	0	0
16.	Nervous in new situations, easily loses confidence	0	0	0
17.	Kind to younger children	0	0	0
18.	Often lies or cheats	0	0	0
19.	Picked on or bullied by other young people	0	0	0
20.	Often volunteers to help others (parents, teachers, children)	0	0	0
21.	Thinks things out before acting	0	0	0
22.	Steals from home, school or elsewhere	0	0	0
23.	Gets along better with adults than with other young people	0	0	0
24.	Many fears, easily scared	0	0	0
25.	Good attention span, sees chores or homework through to the end	0	0	0

Please turn over – there are a few more questions on the other side

		Much worse	A bit worse	About the same	A bit better	Much better
34.	Since coming to the service, are your child's problems:	0	0	0	0	0

		Not at all	A little	A medium amount	A great deal
35.	Has coming to the service been helpful in other ways e.g. providing information or making the problems more bearable?	0	0	0	0

		No	Yes – minor difficulties	Yes – definite difficulties	Yes – severe difficulties
26.	Overall, do you think that your child has difficulties in any of the following areas: emotions, concentration, behaviour or being able to get along with other people?	0	0	0	0

		Not at all	A little	A medium amount	A great deal
28.	Do the difficulties upset or distress your child?	0	0	0	0
follow	e difficulties interfere with your child's everyday life in the ving areas? 29. HOME LIFE	0	0	0	0
	30. FRIENDSHIPS	0	0	0	0
	31. CLASSROOM LEARNING	0	0	0	0
	32. LEISURE ACTIVITIES	0	0	0	0
33.	Do the difficulties put a burden on you or the family as a whole?	0	0	0	0

Signature	Date
Mother/Father/Other (please specify):	

Thank you very much for your help.

SDQ YR1	

	Patient or Client Identifier:
Surname:	
Other names:	
Date of Birth:	Sex:
	Male \square_1 Female \square_2
Address:	

Instructions: For each item, please mark the box for Not True, Somewhat True or Certainly True. It would help us if you answered all items as best you can even if you are not absolutely certain. Please give your answers on the basis of how things have been for you **over the last six months.**

	Strengths and Difficulties Questionnaire	Not True	Somewhat True	Certainly True
1.	I try to be nice to other people. I care about their feelings	0	0	0
2.	I am restless, I cannot stay still for long	0	0	0
3.	I get a lot of headaches, stomach-aches, or sickness	0	0	0
4.	I usually share with others, for example CDs, games, food	0	0	0
5.	I get very angry and often lose my temper	0	0	0
6.	I would rather be alone than with people of my age	0	0	0
7.	I usually do as I am told	0	0	0
8.	I worry a lot	0	0	0
9.	I am helpful if someone is hurt, upset or feeling ill	0	0	0
10.	I am constantly fidgeting or squirming	0	0	0
11.	I have one good friend or more	0	0	0
12.	I fight a lot. I can make other people do what I want	0	0	0
13.	I am often unhappy, depressed or tearful	0	0	0
14.	Other people my age generally like me	0	0	0
15.	I am easily distracted, I find it difficult to concentrate	0	0	0
16.	I am nervous in new situations. I easily lose confidence	0	0	0
17.	I am kind to younger children	0	0	0
18.	I am often accused of lying or cheating	0	0	0
19.	Other children or young people pick on me or bully me	0	0	0
20.	I often volunteer to help others (parents, teachers, children)	0	0	0
21.	I think before I do things	0	0	0
22.	I take things that are not mine from home, school or elsewhere	0	0	0
23.	I get along better with adults than with people my own age	0	0	0
24.	I have many fears, I am easily scared	0	0	0
25.	I finish the work I'm doing. My attention is good	0	0	0

Please turn over - there are a few more questions on the other side

		No	A Little	A Lot
39.	Does your family complain about you having problems with overactivity or poor concentration?	0	0	0
40.	Do your teachers complain about you having problems with overactivity or poor concentration?	0	0	0
41.	Does your family complain about you being awkward or troublesome?	0	0	0
42.	Do your teachers complain about you being awkward or troublesome?	0	0	0

		No	Yes – minor difficulties	Yes – definite difficulties	Yes – severe difficulties
26.	Overall, do you think that you have difficulties in any of the following areas: emotions, concentration, behaviour or being able to get along with other people?	0	0	0	0

		Less than a month	1-5 months	6-12 months	Over a year
27.	How long have these difficulties been present?	0	0	0	0

		Not at all	A little	A medium amount	A great deal
28.	Do the difficulties upset or distress you?	0	0	0	0
	e difficulties interfere with your everyday life in the ving areas? 29. HOME LIFE	0	0	0	0
	30. FRIENDSHIPS	0	0	0	0
	31. CLASSROOM LEARNING	0	0	0	0
	32. LEISURE ACTIVITIES	0	0	0	0
33.	Do the difficulties make it harder for those around you (family, friends, teachers, etc.)?	0	0	0	0

ur Signature	Todav's Date
ar Signature	LODAVS DATE

Thank you very much for your help.

SDQ YR2	

	Patient or Client Identifier:
Surname:	
Other names:	
Date of Birth:	Sex:
	Male \square_1 Female \square_2
Address:	

Instructions: For each item, please mark the box for Not True, Somewhat True or Certainly True. It would help us if you answered all items as best you can even if you are not absolutely certain. Please give your answers on the basis of how things have been for you **over the last month.**

	Strengths and Difficulties Questionnaire	Not True	Somewhat True	Certainly True
1.	I try to be nice to other people. I care about their feelings	0	0	0
2.	I am restless, I cannot stay still for long	0	0	0
3.	I get a lot of headaches, stomach-aches, or sickness	0	0	0
4.	I usually share with others, for example CDs, games, food	0	0	0
5.	I get very angry and often lose my temper	0	0	0
6.	I would rather be alone than with people of my age	0	0	0
7.	I usually do as I am told	0	0	0
8.	I worry a lot	0	0	0
9.	I am helpful if someone is hurt, upset or feeling ill	0	0	0
10.	I am constantly fidgeting or squirming	0	0	0
11.	I have one good friend or more	0	0	0
12.	I fight a lot. I can make other people do what I want	0	0	0
13.	I am often unhappy, depressed or tearful	0	0	0
14.	Other people my age generally like me	0	0	0
15.	I am easily distracted, I find it difficult to concentrate	0	0	0
16.	I am nervous in new situations. I easily lose confidence	0	0	0
17.	I am kind to younger children	0	0	0
18.	I am often accused of lying or cheating	0	0	0
19.	Other children or young people pick on me or bully me	0	0	0
20.	I often volunteer to help others (parents, teachers, children)	0	0	0
21.	I think before I do things	0	0	0
22.	I take things that are not mine from home, school or elsewhere	0	0	0
23.	I get along better with adults than with people my own age	0	0	0
24.	I have many fears, I am easily scared	0	0	0
25.	I finish the work I'm doing. My attention is good	0	0	0

Please turn over – there are a few more questions on the other side

		Much worse	A bit worse	About the same	A bit better	Much better
34.	Since coming to the service, are your problems:	0	0	0	0	0

		Not at all	A little	A medium amount	A great deal
35.	Has coming to the service been helpful in other ways e.g. providing information or making the problems more bearable?	0	0	0	0

		No	Yes – minor difficulties	Yes – definite difficulties	Yes – severe difficulties
26.	Overall, do you think that you have difficulties in any of the following areas: emotions, concentration, behaviour or being able to get along with other people?	0	0	0	0

		Not at all	A little	A medium amount	A great deal
28.	Do the difficulties upset or distress you?	0	0	0	0
	ne difficulties interfere with your everyday life in the ving areas? 29. HOME LIFE	0	0	0	0
	30. FRIENDSHIPS	0	0	0	0
	31. CLASSROOM LEARNING	0	0	0	0
	32. LEISURE ACTIVITIES	0	0	0	0
33.	Do the difficulties make it harder for those around you (family, friends, teachers, etc.)?	0	0	0	0

Your Signature			
-			

Today's Date ____

Thank you very much for your help.

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NOTE: The SDQ forms displayed above are the generic forms used in NSW.

SDQ items and Scale Summary scores

• The first 25 items in the SDQ comprise 5 scales of 5 items each. It is usually easiest to score all 5 scales before working out the Total Difficulties score. For data entry, the responses to items should always be entered the same way (see below), but they are not all scored the same way. Somewhat True is always scored as 1, but the scoring of Not True and Certainly True varies with each item (see Table 5). For each of the 5 scales the score can range from 0-10 if all 5 items were completed. Scale scores can be prorated if at least 3 items were completed.

Table 1: The individual SDQ items and the Total score derived from them.

		Not True	Some- what True	Certainly True	
Standard	Values for Data Entry ====== →	0	1	2	
Data element	SDQ Item number and description		Item Sc	ore	Summary Score
Emotional	Symptoms Scale				0-10
Item 03	Often complains of headaches,	0	1	2	
Item 08	Many worries or often seems worried	0	1	2	
Item 13	Often unhappy, depressed or tearful	0	1	2	
Item 16	Nervous or clingy in new situations	0	1	2	
Item 24	Many fears, easily scared	0	1	2	
Conduct P	roblem Scale				0-10
Item 05	Often loses temper	0	1	2	
Item 07	Generally well behaved	2	1	0	
Item 12	Often fights with other children	0	1	2	
Item 18	Often lies or cheats	0	1	2	
Item 22	Steals from home, school	0	1	2	
Hyperactiv	rity Scale				0-10
Item 02	Restless, overactive	0	1	2	
Item 10	Constantly fidgeting	0	1	2	
Item 15	Easily distracted	0	1	2	
Item 21	Thinks things out before acting	2	1	0	
Item 25	Good attention span,	2	1	0	
Peer Prob	lem Scale				0-10
Item 06	Rather solitary, prefers to play alone	0	1	2	
Item 11	Has at least one good friend	2	1	0	
Item 14	Generally liked by other children	2	1	0	
Item 19	Picked on or bullied	0	1	2	
Item 23	Gets along better with adults	0	1	2	
Prosocial 3	Scale				0-10
Item 01	Considerate of other people's feelings	0	1	2	
Item 04	Shares readily with other children,	0	1	2	
Item 09	Helpful if someone is hurt	0	1	2	
Item 17	Kind to younger children	0	1	2	
Item 20	Often volunteers to help others	0	1	2	
SDQ Total	Difficulties Score = Sum of Scales below				0-40
	Emotional Symptoms Scale		0-	10	
	Conduct Problem Scale		0-	10	
	Hyperactivity Scale		0-	10	
	Peer Problem Scale		0-	10	

NB. Bold items indicate reverse scoring

Calculating the Summary scores for the five Scales (Scale Scores)

Standard values must be used for coding Item responses and Summary scores. The standard values for coding individual Item responses are 0 (Not True), 1 (Somewhat True), 2 (Certainly True); and the 'missing' values 7 (Unable to rate), 8 (Protocol exclusion) and 9 (Missing data).

The Item scores used in calculation are shown in the table above. For completed items (response coded 0, 1, 2) the Item scores are usually the same as the standard values. The exceptions are items 07, 11, 14, 21 and 25, which are shown bolded in the table. These items are "reverse-scored", that is, the standard value is mapped (\rightarrow) to Item scores as follows: $0\rightarrow 2$, $1\rightarrow 1$, $2\rightarrow 0$.

Summary scores are only calculated if at least three of the five items have been completed (that is, coded 0, 1 or 2). Otherwise the summary score is set to missing. For the Summary scores, the missing value used should be 99.

The Summary scores are computed using the equation shown below, with the result being rounded to the nearest whole number. In the first 25 SDQ questions, each summary scale is composed of five items.

$$Summary score = \left(\frac{Sum of (Item scores)}{N of \ valid \ (completed) \ Items}\right) \times Total \ Number \ of \ Items$$

Calculating other diagnostic possibilities

In addition to their clinical value, the use of the perceptions of other informants can be used with an algorithm available from www.youthinmind.net to calculate other likely diagnostic options.

Calculating the Total Difficulties scores

The simplest way to calculate the total difficulties score is to add up the following summary scores with the result being rounded to the nearest whole number.

Total Score = Emotional Scale + Conduct Scale + Hyperactivity Scale + Peer Problem Scale.

• However, some of the summary scores may be missing. The rule is if more than one summary score is missing the Total Score is set to missing, value 99.

Calculating the Impact Score

Table 2: The individual SDQ impact items and the Total score derived from them.

		Item Responses				
		Not at all	A little	A medium amount	A great deal	
Standard Value for Data Entry ======→		0	1	2	3	
Data element	SDQ Item number and description		Item Score		Summary score	
Item 28	Difficulties upset or distress child	0	0	1	2	
Item 29	Interfere with HOME LIFE	0	0	1	2	
Item 30	Interfere with FRIENDSHIP	0	0	1	2	
Item 31	Interfere with CLASSROOM LEARNING	0	0	1	2	
Item 32	Interfere with LEISURE ACTIVITIES	0	0	1	2	
SDQ IMF	PACT SCORE				0-10	

These questions are NOT completed if respondents have answered "No" to Item 26, which asks for an overall opinion about difficulties being present. In this case, all Item responses for Items 27 through 33 should be coded to "8" for "not applicable", and the impact score should be coded to zero. Item 27 is not included in the Impact Score, since it assesses the chronicity of the difficulties – the length of time they have been present. Item 33 is not included in the Impact Score, since it assess the burden on others rather than on the child/ youth.

The coded Item Responses for the remaining Items 28 through 32 have to be mapped to their Item Scores before adding up. This mapping is the same for all, namely: $0 \rightarrow 0$, $1 \rightarrow 0$, $2 \rightarrow 1$, $3 \rightarrow 2$ as per the table above.

Standard values must be used for coding missing item and Total scores. For individual items, the missing values are 7 unable to rate, 8 not applicable or protocol exclusion and 9 missing data. For the Total score, the missing value should be 99.

Interpreting the SDQ Symptom Scores and Defining "Caseness" from Symptom Scores

Although SDQ scores can often be used as continuous variables, it is sometimes convenient to classify scores in the bands as set out in the Table below. Using the comments, a "substantial risk of clinical significant problems" score on the Total Difficulties Score can be used to identify likely 'cases' with mental disorders. This is clearly only a rough- and ready method for detecting disorders – combining information from SDQ symptom and impact scores from multiple informants is better, but still far from perfect. Approximately 10% of a community sample scores in the 'substantial risk of clinically significant' band on any given score with a further 10% scoring in the 'may reflect clinically significant problems' band. The exact proportions vary according to country, age and gender – normative SDQ data are available from the website http://www.sdqinfo.com/b8.html. Banding and caseness criteria for these characteristics can be adjusted; setting the threshold higher when avoiding false positives is of paramount importance, and setting the threshold lower when avoiding false negatives is more important.

Table 3: Interpreting SDQ scores.

PARENT VERSIONS	'This score is close to average - clinically significant problems in this area are unlikely'	'This score is slightly raised, which may reflect clinically significant problems'	'This score is high - there is a substantial risk of clinically significant problems in this area'	
Total Difficulties Score	0-13	14-16	17-40	
Emotional Symptoms Score	0-3	4	5-10	
Conduct Problem Score	0-2	3	4-10	
Hyperactivity Score	0-5	6	7-10	
Peer Problem Score	0-2	3	4-10	
	'This score is close to average – clinically significant problems in this area are unlikely'	'This score is slightly low, which may reflect clinically significant problems'	'This score is low - there is a substantial risk of clinically significant problems in this area'	
Prosocial Behaviour Score	6-10	5	0-4	
SELF COMPLETED VERSIONS	'This score is close to average - clinically significant problems in this area are unlikely'	'This score is slightly raised, which may reflect clinically significant problems'	'This score is high - there is a substantial risk of clinically significant problems in this area'	
Total Difficulties Score	0-15	16-19	20-40	
Emotional Symptoms Score	0-5	6	7-10	
Conduct Problem Score	0-3	4	5-10	
Hyperactivity Score	0-5	6	7-10	
Peer Problem Score	0-3	4-5	6-10	
	'This score is close to average - clinically significant problems in this area are unlikely'	'This score is slightly low, which may reflect clinically significant problems'	'This score is low - there is a substantial risk of clinically significant problems in this area'	
Prosocial Behaviour Score	6-10	5	0-4	

Note: This broad classification is based on information from the www.sdqinfo.com web site © R Goodman and is derived from British norms. Like the Australian version, it was developed by New South Wales Health in consultation with the SDQ author. It is intended to provide a general reference range only.

See www.sdqinfo.com for more information.