

# PROMIS® PEDIATRIC AND PARENT PROXY PROFILE INSTRUMENTS

A brief guide to the PROMIS Pediatric/Parent Proxy Profile instruments for pediatric/parent proxy respondents:

Pediatric	Parent Proxy
PROMIS Pediatric-25 Profile v1.0*	PROMIS Parent-Proxy-25 Profile v2.0
PROMIS Pediatric-25 Profile v1.1*	PROMIS Parent-Proxy-37 Profile v2.0
PROMIS Pediatric-25 Profile v2.0	PROMIS Parent-Proxy-49 Profile v2.0
PROMIS Pediatric-37 Profile v1.0*	
PROMIS Pediatric-37 Profile v1.1*	
PROMIS Pediatric-37 Profile v2.0	
PROMIS Pediatric-49 Profile v1.0*	
PROMIS Pediatric-49 Profile v1.1*	
PROMIS Pediatric-49 Profile v2.0	

\* = retired measure

## ABOUT PROMIS PROFILES

PROMIS Pediatric and Parent Proxy Profile instruments are a collection of short forms containing a fixed number of items from six PROMIS domains (Depressive Symptoms, Anxiety, Physical Function-Mobility, Pain Interference, Fatigue, and Peer Relationships) along with a single item on Pain Intensity. There are three profile lengths - the PROMIS-25 includes 4 items per domain; the PROMIS-37 includes 6 items per domain; the PROMIS-49 includes 8 items per domain. As with other PROMIS instruments, the Profiles are universal rather than disease-specific. They assess all domains over the past seven days.

In selecting between PROMIS Pediatric Profile Instruments and Parent Proxy Profile Instruments, the difference is instrument length. The reliability and precision of the short forms within a domain is highly similar. These PROMIS Pediatric Profile instrument is intended for pediatric self-report (ages 8-17). The PROMIS Parent Proxy Profile is intended for parents serving as proxy reporters for their child (youth ages 5-17).

## PROFILE ITEM SELECTION

The short forms that make up the PROMIS Pediatric Profile Instruments include “high information” items. The selection of items was in part based on item rankings within each domain using two psychometric criteria: (1) maximum interval information, and 2) CAT simulations. Item rankings were similar for both criteria. For the maximum interval criterion, each item information function was integrated (without weighting) for the interval from the mean to 2 SDs worse than the mean. For the CAT simulations, responses to all items in each bank were generated using a random sample of 1,000 simulees drawn separately for each bank (centered on 0.5 SD worse than the general population mean). Items were rank ordered based on their average administration rank over the simulees. The items within each instrument are nested/overlap (e.g., the 8-item form is the 6-item form plus two additional items).

The Parent Proxy Profiles were constructed by selecting items that reflected the same or similar content as the pediatric v2.0 self-report measures.

## ADMINISTRATION INSTRUCTIONS

The PROMIS Pediatric and Parent Proxy Profile Instruments are administered as short forms (not adaptive administration). Short forms are ideal when clinical researchers prefer to ask the same question of all respondents or of the same respondent over time to enable a more direct comparability across people or time. Participants should be instructed to answer all of the items (i.e., questions or statements) presented.

## INSTRUMENT VERSIONS

Some PROMIS domains have multiple versions of instruments (i.e. v1.0, v1.1, v2.0). **Generally, it is recommended that you use the most recent version available which can be identified as the instruments with the highest version number.**

The v1.1 PROMIS Pediatric-25, PROMIS Pediatric-37 and PROMIS Pediatric-49 Profiles included updated short forms for Anxiety and Depressive Symptoms. T-scores for Anxiety and Depressive symptoms can be compared between v1.0 and v1.1. The v2.0 PROMIS Pediatric-25, PROMIS Pediatric-37 and PROMIS Pediatric-49 Profiles utilized v2.0 short forms. The items, calibrations, and T-scores from v2.0 are identical to v1.1. The only modification was changing the response scores from a 0-4 scale (used in v1.0 and v1.1) to a 1-5 scale (used in v2.0)..

No PROMIS Parent-Proxy Profile measures existed before v2.0.

PROMIS-25 v1.0	PROMIS-25 v1.1	PROMIS-25 v2.0
PROMIS Ped SF v1.0 – Anxiety 4a	PROMIS Ped SF v1.1 – Anxiety 4b	PROMIS Ped SF v2.0 –Mobility 4a
PROMIS Ped SF v1.0 – Depressive Symptoms 4a	PROMIS Ped SF v1.0 – Depressive Symptoms 4b	PROMIS Ped SF v2.0 – Anxiety 4b
PROMIS Ped SF v1.0 – Fatigue 4a	PROMIS Ped SF v1.0 – Fatigue 4a	PROMIS Ped SF v2.0 – Depressive Symptoms 4b
PROMIS Ped SF v1.0 – Pain Interference 4a	PROMIS Ped SF v1.0 – Pain Interference 4a	PROMIS Ped SF v2.0 – Fatigue 4a
PROMIS Ped SF v1.0 –Mobility 4a	PROMIS Ped SF v1.0 –Mobility 4a	PROMIS Ped SF v2.0 – Peer Relationships 4a
PROMIS Ped SF v1.0 – Peer Relationships 4a	PROMIS Ped SF v1.0 – Peer Relationships 4a	PROMIS Ped SF v2.0 – Pain Interference 4a
PROMIS Pain Intensity item (9033R1)	PROMIS Pain Intensity item (9033R1)	PROMIS Pain Intensity item (9033R1r)

PROMIS-37 v1.0	PROMIS-37 v1.1	PROMIS-37 v2.0
PROMIS Ped SF v1.0 – Anxiety 6a	PROMIS Ped SF v1.1 – Anxiety 6b	PROMIS Ped SF v2.0 – Anxiety 6b
PROMIS Ped SF v1.0 – Depressive Symptoms 6a	PROMIS Ped SF v1.1 – Depressive Symptoms 6b	PROMIS Ped SF v2.0 – Depressive Symptoms 6b
PROMIS Ped SF v1.0 – Fatigue 6a	PROMIS Ped SF v1.0 – Fatigue 6a	PROMIS Ped SF v2.0 – Fatigue 6a
PROMIS Ped SF v1.0 – Pain Interference 6a	PROMIS Ped SF v1.0 – Pain Interference 6a	PROMIS Ped SF v2.0 – Pain Interference 6a
PROMIS Ped SF v1.0 –Mobility 6a	PROMIS Ped SF v1.0 –Mobility 6a	PROMIS Ped SF v2.0 –Mobility 6a
PROMIS Ped SF v1.0 – Peer Relationships 6a	PROMIS Ped SF v1.0 – Peer Relationships 6a	PROMIS Ped SF v2.0 – Peer Relationships 6a
PROMIS Pain Intensity item (9033R1)	PROMIS Pain Intensity item (9033R1)	PROMIS Pain Intensity item (9033R1r)

PROMIS-49 v1.0	PROMIS-49 v1.1	PROMIS-49 v2.0
PROMIS Ped SF v1.0 – Anxiety 8a	PROMIS Ped SF v1.1 – Anxiety 8b	PROMIS Ped SF v2.0 – Anxiety 8b
PROMIS Ped SF v1.0 – Depressive Symptoms 8a	PROMIS Ped SF v1.1 – Depressive Symptoms 8b	PROMIS Ped SF v2.0 – Depressive Symptoms 8b
PROMIS Ped SF v1.0 – Fatigue 8a	PROMIS Ped SF v1.0 – Fatigue 8a	PROMIS Ped SF v2.0 – Fatigue 8a
PROMIS Ped SF v1.0 – Pain Interference 8a	PROMIS Ped SF v1.0 – Pain Interference 8a	PROMIS Ped SF v2.0 – Pain Interference 8a
PROMIS Ped SF v1.0 –Mobility 8a	PROMIS Ped SF v1.0 –Mobility 8a	PROMIS Ped SF v2.0 –Mobility 8a
PROMIS Ped SF v1.0 – Peer Relationships 8a	PROMIS Ped SF v1.0 – Peer Relationships 8a	PROMIS Ped SF v2.0 – Peer Relationships 8a
PROMIS Pain Intensity item (9033R1)	PROMIS Pain Intensity item (9033R1)	PROMIS Pain Intensity item (9033R1r)

## SCORING THE INSTRUMENT

Short Forms: PROMIS instruments are scored using item-level calibrations. This means that the most accurate way to score a PROMIS instrument is to use the HealthMeasures Scoring Service ([https://www.assessmentcenter.net/ac\\_scoringervice](https://www.assessmentcenter.net/ac_scoringervice)) or a data collection tool that automatically calculates scores (e.g., Assessment Center, REDCap auto-score). This method of scoring uses responses to each item for each participant. We refer to this as “response pattern scoring.” Response pattern scoring is preferred because it is more accurate than the use of raw score/scale score look up tables included in this manual. Response pattern scoring is especially useful when there is missing data (i.e., a respondent skipped an item), different groups of participants responded to different items, or you have created a new questionnaire using a subset of questions from a PROMIS item bank.

Each question usually has five response options ranging in value from one to five. To find the total raw score for a short form with all questions answered, sum the values of the response to each question. For example, for the adult 8-item form, the lowest possible raw score is 8; the highest possible raw score is 40 (see all short form scoring tables in Appendix 1). **All questions must be answered in order to produce a valid score using the scoring tables.** If a participant has skipped a question, use the HealthMeasures Scoring Service ([https://www.assessmentcenter.net/ac\\_scoringervice](https://www.assessmentcenter.net/ac_scoringervice)) to generate a final score.

Locate the applicable score conversion table in Appendix 1 and use this table to translate the total raw score into a T-score for each participant. The T-score rescales the raw score into a standardized T-score with a mean of 50 and a standard deviation (SD) of 10. Therefore, a person with a T-score of 40 is one SD below the mean.

For the PROMIS Pediatric – 25 Pediatric Profile 2.0 instrument, an Anxiety raw score of 10 converts to a T-score of 54.8 with a standard error (SE) of 5 (see scoring table for the 4b short form in Appendix 1). Thus, the 95% confidence interval around the observed score ranges from 45 to 64.6 (T-score  $\pm$  (1.96\*SE) or  $54.8 \pm (1.96*5)$ ).


For most PROMIS instruments, a score of 50 is the average for the United States general population with a standard deviation of 10 because calibration testing was performed on a large sample of the general population. You can read more about the calibration and centering samples on HealthMeasures.net (<http://www.healthmeasures.net/score-and-interpret/interpret-scores/promis>). The T-score is provided with an error term (Standard Error or SE). The Standard Error is a statistical measure of variance and represents the “margin of error” for the T-score.

**Important:** A higher PROMIS T-score represents more of the concept being measured. For negatively-worded concepts like Anxiety, a T-score of 60 is one SD worse than average. By comparison, an Anxiety T-score of 40 is one SD better than average. However, for positively-worded concepts like Physical Function-Mobility, a T-score of 60 is one SD better than average while a T-score of 40 is one SD worse than average.

### Calculating an HUI-3 Score

Hays and colleagues (2016) published an equation for estimating a Health Utility Index Mark 3 from the PROMIS-29 v2.0 Profile measure.

Hays RD, Revicki DA, Feeny D et al. PharmacoEconomics (2016) 34: 1015. <https://doi.org/10.1007/s40273-016-0408-X>



## STATISTICAL CHARACTERISTICS

Figure 1

There are four key features of the score for all PROMIS Profile instruments:

- **Reliability:** The degree to which a measure is free of error. It can be estimated by the internal consistency of the responses to the measure, or by correlating total scores on the measure from two time points when there has been no true change in what is being measured (for z-scores, reliability =  $1 - SE^2$ ).
- **Precision:** The consistency of the estimated score (reciprocal of error variance).
- **Information:** The precision of an item or multiple items at different levels of the underlying continuum (for z-scores, information =  $1/SE^2$ ).
- **Standard Error (SE):** The possible range of the actual final score based upon the scaled T-score. For example, with a T-score of 52 and a SE of 2, the 95% confidence interval around the actual final score ranges from 48.1 to 55.9 (T-score  $\pm$  (1.96\*SE) =  $52 \pm 3.9 = 48.1$  to  $55.9$ ).

The final score is represented by the T-score, a standardized score with a mean of 50 and a standard deviation (SD) of 10.

### PREVIEW OF SAMPLE ITEM

Figure 1 shows a v1.0 PROMIS Profile Pediatric Anxiety item as it would appear to a study participant during data collection in Assessment Center. Several formats for presenting the items are available for computer-based administration through Assessment Center (see FAQ section).

Figure 2 is an excerpt from the paper version of the PROMIS-25 Pediatric Profile v2.0 instrument. This is the paper version format used for all Profile instruments.

<b><u>Physical Function Mobility</u></b> <b><u>In the past 7 days...</u></b>		<b>With no trouble</b>	<b>With a little trouble</b>	<b>With some trouble</b>	<b>With a lot of trouble</b>	<b>Not able to do</b>
235R1r	I could do sports and exercise that other kids my age could do.....	<input type="checkbox"/> 5	<input type="checkbox"/> 4	<input type="checkbox"/> 3	<input type="checkbox"/> 2	<input type="checkbox"/> 1
4124R1r	I could get up from the floor .....	<input type="checkbox"/> 5	<input type="checkbox"/> 4	<input type="checkbox"/> 3	<input type="checkbox"/> 2	<input type="checkbox"/> 1

Figure 2

## FREQUENTLY ASKED QUESTIONS (FAQs)

Q: I am interested in learning more. Where can I do that?

There are a few places we recommend as starting points. Review the HealthMeasures website at <http://www.healthmeasures.net/>.

For a brief description of all PROMIS domains, refer to the list of PROMIS adult measures (<http://www.healthmeasures.net/explore-measurement-systems/promis/intro-to-promis/list-of-adult-measures>) and the list of PROMIS pediatric and parent proxy measures (<http://www.healthmeasures.net/explore-measurement-systems/promis/intro-to-promis/list-of-pediatric-measures>). HealthMeasures.net also has a glossary that contains definitions of commonly used PROMIS terms (<http://www.healthmeasures.net/resource-center/need-help/glossary>).

Q: Do I need to register with PROMIS to use these instruments?

No.

Q: Are these instruments available in other languages?

Yes! Look at the HealthMeasures website (<http://www.healthmeasures.net/explore-measurement-systems/promis/intro-to-promis/available-translations/117-available-translations>) for current information on PROMIS translations.

Q: Can I make my own short form?

Yes, custom short forms can be made by selecting any items from an item bank. This can be scored using the Scoring Service ([https://www.assessmentcenter.net/ac\\_scoring-service](https://www.assessmentcenter.net/ac_scoring-service)).

Q: How do I handle multiple responses when administering a short form on paper?

Guidelines on how to deal with multiple responses have been established. Resolution depends on the responses noted by the research participant.

- If two or more responses are marked by the respondent, and they are next to one another, then a data entry specialist will be responsible for randomly selecting one of them to be entered and will write down on the form which answer was selected. Note: To randomly select one of two responses, the data entry specialist will flip a coin (heads - higher number will be entered; tails – lower number will be entered). To randomly select one of three (or more) responses, a table of random numbers should be used with a statistician's assistance.
- If two or more responses are marked, and they are NOT all next to one another, the response will be considered missing.

Q: What is the minimum change on a PROMIS instrument that represents a clinically meaningful difference?

To learn more about research on the meaning of a change in scores, we suggest conducting a literature review to identify the most current information. The HealthMeasures website (<http://www.healthmeasures.net/score-and-interpret/interpret-scores/promis>) has additional information on interpreting scores.

## APPENDIX 1 - SCORING TABLES

It is recommended that you use the most recent version available which can be identified as the instrument with the highest number.

### PROMIS Pediatric – 25 v2.0 scoring tables

Anxiety 4b <i>Short Form Conversion Table</i>			Depressive Symptoms 4b <i>Short Form Conversion Table</i>			Fatigue 4a <i>Short Form Conversion Table</i>			Mobility 4a <i>Short Form Conversion Table</i>		
Raw Score	T-score	SE*	Raw Score	T-score	SE*	Raw Score	T-score	SE*	Raw Score	T-score	SE*
4	35.6	6.4	4	37.7	6.4	4	35.4	6.5	4	20.1	4.4
5	40.9	5.6	5	43.5	5.2	5	40.6	5.6	5	23.1	4
6	44.1	5.4	6	46.8	5	6	44.1	5.4	6	25.1	3.9
7	47.2	5.2	7	49.8	4.6	7	47.2	5.2	7	26.9	3.9
8	49.9	5.1	8	52.3	4.5	8	49.8	5.1	8	28.4	3.8
9	52.4	5	9	54.6	4.4	9	52.2	5	9	30	3.8
10	54.8	5	10	56.7	4.4	10	54.4	5	10	31.5	3.8
11	57.2	5	11	58.8	4.3	11	56.5	4.9	11	32.9	3.8
12	59.5	5	12	60.7	4.3	12	58.6	4.9	12	34.4	3.8
13	61.8	5	13	62.6	4.3	13	60.6	4.9	13	35.9	3.8
14	64	5.1	14	64.6	4.3	14	62.6	4.9	14	37.6	3.9
15	66.3	5.1	15	66.6	4.3	15	64.7	4.9	15	39.3	4.1
16	68.7	5.1	16	68.6	4.3	16	66.9	4.9	16	41.2	4.4
17	71.1	5.1	17	70.7	4.4	17	69.1	4.9	17	42.9	4.2
18	73.7	5.2	18	73	4.5	18	71.5	5	18	45.5	4.4
19	76.3	5.1	19	75.4	4.5	19	74.1	5	19	48.9	4.7
20	79.5	5.1	20	78.7	4.8	20	77.6	5.2	20	57.1	7
*SE = Standard Error			*SE = Standard Error			*SE = Standard Error			*SE = Standard Error		

Pain Interference 4a <i>Short Form Conversion Table</i>		
Raw Score	T- Score	SE*
4	36.7	6.1
5	42	4.9
6	44.4	4.8
7	47.2	4.4
8	49.3	4.3
9	51.3	4.1
10	53.2	4.1
11	55	4
12	56.7	4
13	58.4	4
14	60.1	4
15	61.8	4
16	63.6	4.1
17	65.5	4.1
18	67.7	4.2
19	70	4.3
20	74	4.9
*SE = Standard Error on T-score		

Peer Relationships 4a <i>Short Form Conversion Table</i>		
Raw Score	T- Score	SE*
4	23	5.1
5	25.7	4.7
6	27.7	4.7
7	29.8	4.5
8	31.7	4.5
9	33.6	4.4
10	35.4	4.4
11	37.2	4.4
12	38.9	4.4
13	40.7	4.4
14	42.6	4.5
15	44.5	4.6
16	46.7	4.8
17	48.9	4.7
18	51.9	5.1
19	55.3	5.4
20	61.1	6.6
*SE = Standard Error on T-score		





**PROMIS Pediatric – 37 v2.0 scoring tables**

<b>Anxiety 6b</b> <i>Short Form Conversion Table</i>			<b>Depressive Symptoms 6b</b> <i>Short Form Conversion Table</i>			<b>Fatigue 6a</b> <i>Short Form Conversion Table</i>		
<b>Raw Score</b>	<b>T-score</b>	<b>SE*</b>	<b>Raw Score</b>	<b>T-score</b>	<b>SE*</b>	<b>Raw Score</b>	<b>T-score</b>	<b>SE*</b>
6	34.4	6	6	36.9	6.1	6	32.8	5.9
7	39.2	5.1	7	42.4	4.8	7	37.5	5.1
8	42.1	4.9	8	45.3	4.5	8	40.4	4.9
9	44.7	4.6	9	47.9	4.1	9	43	4.6
10	46.9	4.5	10	50	3.9	10	45.2	4.5
11	48.9	4.3	11	51.8	3.7	11	47.2	4.4
12	50.8	4.2	12	53.5	3.6	12	49.1	4.3
13	52.5	4.2	13	55.1	3.5	13	50.8	4.3
14	54.2	4.1	14	56.5	3.5	14	52.5	4.2
15	55.8	4.1	15	57.9	3.4	15	54.1	4.2
16	57.4	4.1	16	59.3	3.4	16	55.7	4.2
17	59	4.1	17	60.6	3.4	17	57.3	4.2
18	60.5	4.1	18	61.9	3.4	18	58.8	4.2
19	62.1	4.1	19	63.2	3.4	19	60.3	4.2
20	63.6	4.1	20	64.5	3.4	20	61.9	4.2
21	65.2	4.1	21	65.8	3.3	21	63.4	4.2
22	66.8	4.1	22	67.1	3.3	22	65	4.2
23	68.4	4.1	23	68.4	3.4	23	66.6	4.2
24	70	4.1	24	69.8	3.4	24	68.2	4.2
25	71.7	4.1	25	71.2	3.4	25	69.9	4.2
26	73.5	4.2	26	72.8	3.5	26	71.6	4.2
27	75.3	4.2	27	74.4	3.6	27	73.5	4.3
28	77.4	4.3	28	76.2	3.7	28	75.6	4.4
29	79.4	4.3	29	78.1	3.8	29	77.9	4.4
30	81.9	4.2	30	80.9	4	30	80.7	4.4
*SE = Standard Error			*SE = Standard Error			*SE = Standard Error		

**PROMIS Pediatric – 37 v2.0 scoring tables**

<b>Mobility 6a</b>		
<i>Short Form Conversion Table</i>		
Raw Summed Score	Scale Score	SE*
6	17.2	3.7
7	19.6	3.7
8	21.3	3.7
9	22.8	3.6
10	24.2	3.5
11	25.4	3.5
12	26.6	3.4
13	27.8	3.4
14	28.9	3.3
15	30	3.3
16	31.1	3.3
17	32.2	3.3
18	33.3	3.3
19	34.4	3.3
20	35.5	3.4
21	36.7	3.4
22	37.9	3.4
23	39.2	3.5
24	40.6	3.6
25	42.1	3.8
26	43.9	4.1
27	45.7	4.1
28	48.1	4.3
29	51.4	4.8
30	58.4	6.7
*SE = Standard Error on T-score		

<b>Pain Interference 6a</b>		
<i>Short Form Conversion Table</i>		
Raw Summed Score	Scale Score	SE*
6	35	5.7
7	39.9	4.5
8	42	4.3
9	44.3	3.9
10	46	3.7
11	47.7	3.5
12	49.2	3.5
13	50.6	3.4
14	51.9	3.3
15	53.2	3.3
16	54.4	3.3
17	55.7	3.3
18	56.9	3.3
19	58.1	3.3
20	59.3	3.3
21	60.5	3.3
22	61.8	3.3
23	63.1	3.3
24	64.4	3.3
25	65.7	3.3
26	67.2	3.4
27	68.7	3.5
28	70.6	3.7
29	72.5	3.8
30	76	4.5
*SE = Standard Error on T-score		

<b>Peer Relationships 6a</b>		
<i>Short Form Conversion Table</i>		
Raw Summed Score	Scale Score	SE*
6	19.8	4.4
7	22.2	4.2
8	23.8	4.2
9	25.6	4.1
10	27.1	4
11	28.6	3.9
12	30	3.9
13	31.4	3.8
14	32.8	3.8
15	34.1	3.8
16	35.4	3.8
17	36.7	3.8
18	38.1	3.8
19	39.4	3.8
20	40.7	3.8
21	42.1	3.8
22	43.6	3.9
23	45.1	3.9
24	46.7	4
25	48.4	4.1
26	50.3	4.3
27	52.4	4.4
28	55	4.7
29	58	5.1
30	63.2	6.2
*SE = Standard Error on T-score		



**PROMIS Pediatric – 49 v2.0 scoring tables**

<b>Anxiety 8b</b>		
<i>Short Form Conversion Table</i>		
<b>Raw Score</b>	<b>T-score</b>	<b>SE*</b>
8	33.5	5.8
9	38	4.9
10	40.6	4.7
11	43	4.4
12	44.9	4.2
13	46.7	4
14	48.3	3.9
15	49.8	3.8
16	51.2	3.8
17	52.5	3.7
18	53.8	3.7
19	55.1	3.7
20	56.3	3.7
21	57.5	3.7
22	58.7	3.7
23	59.9	3.7
24	61	3.7
25	62.2	3.7
26	63.4	3.6
27	64.5	3.6
28	65.7	3.6
29	66.9	3.6
30	68.1	3.6
31	69.3	3.7
32	70.6	3.7
33	71.8	3.7
34	73.2	3.7
35	74.6	3.8
36	76	3.8
37	77.6	3.9
38	79.3	3.9
39	81.1	3.9
40	83.2	3.7
*SE = Standard Error		

<b>Depressive Symptoms 8b</b>		
<i>Short Form Conversion Table</i>		
<b>Raw Score</b>	<b>T-score</b>	<b>SE*</b>
8	35.2	5.8
9	40.4	4.6
10	43.2	4.2
11	45.5	3.9
12	47.4	3.7
13	49.1	3.5
14	50.6	3.3
15	52	3.2
16	53.3	3.1
17	54.5	3.1
18	55.7	3.1
19	56.8	3
20	57.9	3
21	59	3
22	60	3
23	61.1	3
24	62.1	3
25	63.1	3
26	64.1	3
27	65.1	3
28	66.1	2.9
29	67.2	2.9
30	68.2	2.9
31	69.3	2.9
32	70.3	3
33	71.4	3
34	72.6	3
35	73.8	3.1
36	75.1	3.2
37	76.5	3.3
38	78.1	3.5
39	79.9	3.6
40	82.3	3.7
*SE = Standard Error		

<b>Fatigue 8a</b>		
<i>Short Form Conversion Table</i>		
<b>Raw Score</b>	<b>T-score</b>	<b>SE*</b>
8	31.1	5.6
9	35.3	4.8
10	38	4.5
11	40.3	4.3
12	42.3	4.1
13	44.1	4
14	45.7	3.9
15	47.2	3.8
16	48.7	3.8
17	50.1	3.7
18	51.4	3.7
19	52.7	3.7
20	54	3.7
21	55.3	3.7
22	56.5	3.7
23	57.8	3.7
24	59	3.7
25	60.2	3.7
26	61.5	3.7
27	62.7	3.7
28	63.9	3.7
29	65.2	3.7
30	66.4	3.7
31	67.7	3.7
32	69	3.7
33	70.4	3.7
34	71.8	3.7
35	73.2	3.8
36	74.8	3.8
37	76.4	3.9
38	78.3	4
39	80.3	4
40	82.7	3.8
*SE = Standard Error		

**PROMIS Pediatric – 49 v2.0 scoring tables**

<b>Mobility 8a</b> <i>Short Form Conversion Table</i>			<b>Pain Interference 8a</b> <i>Short Form Conversion Table</i>			<b>Peer Relationships 8a</b> <i>Short Form Conversion Table</i>		
Raw Score	T-score	SE*	Raw Score	T-score	SE*	Raw Score	T-score	SE*
8	15.3	2.9	8	34	5.6	8	17.8	3.9
9	17.2	3.1	9	38.7	4.4	9	20	3.9
10	18.6	3.1	10	40.6	4.2	10	21.4	3.9
11	19.9	3	11	42.7	3.8	11	23	3.7
12	21.1	3	12	44.3	3.7	12	24.4	3.7
13	22.2	2.9	13	45.8	3.4	13	25.7	3.6
14	23.2	2.8	14	47.1	3.3	14	26.9	3.5
15	24.1	2.8	15	48.4	3.2	15	28.1	3.4
16	25.1	2.8	16	49.5	3.2	16	29.2	3.4
17	25.9	2.7	17	50.6	3.1	17	30.3	3.4
18	26.8	2.7	18	51.7	3.1	18	31.4	3.3
19	27.6	2.7	19	52.7	3.1	19	32.5	3.3
20	28.4	2.7	20	53.7	3	20	33.6	3.3
21	29.2	2.7	21	54.7	3	21	34.6	3.3
22	30	2.7	22	55.7	3	22	35.6	3.3
23	30.9	2.7	23	56.6	3	23	36.7	3.3
24	31.7	2.7	24	57.6	3	24	37.7	3.3
25	32.5	2.7	25	58.5	3	25	38.8	3.3
26	33.3	2.7	26	59.5	3	26	39.8	3.3
27	34.2	2.7	27	60.4	3	27	40.9	3.3
28	35	2.8	28	61.4	3	28	42	3.3
29	36	2.8	29	62.4	3	29	43.1	3.4
30	36.9	2.9	30	63.4	3	30	44.3	3.4
31	37.9	3	31	64.4	3	31	45.5	3.4
32	39	3	32	65.4	3.1	32	46.7	3.5
33	40.1	3.2	33	66.5	3.1	33	48	3.5
34	41.4	3.3	34	67.6	3.2	34	49.4	3.6
35	42.8	3.5	35	68.8	3.2	35	50.9	3.7
36	44.4	3.9	36	70.1	3.3	36	52.6	3.9
37	46.1	3.9	37	71.5	3.4	37	54.5	4.1
38	48.4	4.2	38	73.2	3.6	38	56.8	4.5
39	51.6	4.7	39	75	3.8	39	59.5	4.8
40	58.5	6.7	40	78	4.3	40	64.4	6
*SE = Standard Error			*SE = Standard Error			*SE = Standard Error		



**PROMIS Parent Proxy – 25 v2.0 scoring tables**

Anxiety 4a		
Short Form Conversion Table		
Raw Summed Score	T-score	SE*
4	36.3	6
5	42.3	4.9
6	46	4.5
7	49.1	4.2
8	52	4
9	54.8	3.9
10	57.4	3.9
11	60	4
12	62.7	4
13	65.4	4.1
14	68	4.1
15	70.6	4.1
16	73.1	4
17	75.6	3.9
18	78.2	3.9
19	80.8	3.8
20	83.6	3.6
*SE = Standard Error on T-score metric		

Depressive Symptoms 4a		
Short Form Conversion Table		
Raw Summed Score	T-score	SE*
4	37.2	6.1
5	43.6	4.6
6	47.3	4.2
7	50.3	4
8	52.9	3.8
9	55.4	3.7
10	57.7	3.7
11	60.1	3.8
12	62.5	3.8
13	64.9	3.8
14	67.3	3.8
15	69.7	3.8
16	72.1	3.8
17	74.5	3.8
18	77.2	3.8
19	80.2	3.9
20	83.1	3.8
*SE = Standard Error on T-score metric		

Fatigue 4a		
Short Form Conversion Table		
Raw Summed Score	T-score	SE*
4	37	5.8
5	43.1	4.1
6	46.5	3.7
7	49.4	3.5
8	51.8	3.4
9	54	3.3
10	56.2	3.4
11	58.4	3.4
12	60.7	3.4
13	62.7	3.4
14	64.7	3.4
15	66.8	3.4
16	68.8	3.3
17	71	3.3
18	73.3	3.3
19	76	3.4
20	80.5	3.7
*SE = Standard Error on T-score metric		

Mobility 4a		
Short Form Conversion Table		
Raw Summed Score	T-score	SE*
4	19.6	3.9
5	23.3	3.5
6	25.1	3.5
7	26.7	3.2
8	28.3	3.1
9	29.8	2.9
10	31.2	2.9
11	32.5	2.8
12	33.7	2.9
13	35	2.9
14	36.4	3.1
15	38	3.3
16	39.8	3.9
17	41.5	3.8
18	44	4.4
19	46.9	4.6
20	55.9	7.2
*SE = Standard Error on T-score metric		

Pain Interference 4a		
Short Form Conversion Table		
Raw Score	T- Score	SE*
4	39.2	5.9
5	46.1	3.7
6	48.8	3.4
7	51	3.2
8	52.9	3.1
9	54.7	3.1
10	56.3	3.1
11	57.8	3.1
12	59.3	3.1
13	60.8	3.1
14	62.2	3
15	63.8	3
16	65.3	3.1
17	67	3.1
18	68.8	3.2
19	70.7	3.3
20	74.7	4.3
*SE = Standard Error on T-score		

Peer Relationships 4a		
Short Form Conversion Table		
Raw Score	T- Score	SE*
4	19.1	4.1
5	22.3	3.9
6	24.5	3.9
7	26.7	3.8
8	28.9	3.9
9	30.9	3.9
10	33	3.9
11	34.9	3.9
12	36.8	3.9
13	38.9	3.8
14	41.1	3.8
15	43.3	3.8
16	45.6	3.8
17	48	3.9
18	50.8	4.2
19	54.2	4.5
20	60.8	6.2
*SE = Standard Error on T-score		

**PROMIS Parent Proxy – 37 v2.0 scoring tables**

<b>Anxiety 6a</b>		
<i>Short Form Conversion Table</i>		
Raw Summed Score	Scale Score	SE*
6	35.8	5.8
7	41.3	4.5
8	44.6	4.1
9	47.3	3.7
10	49.6	3.4
11	51.6	3.3
12	53.4	3.2
13	55.2	3.1
14	56.9	3.1
15	58.6	3.2
16	60.3	3.2
17	62.1	3.2
18	63.9	3.2
19	65.7	3.3
20	67.5	3.3
21	69.2	3.2
22	71	3.2
23	72.7	3.2
24	74.3	3.1
25	76	3.1
26	77.7	3.1
27	79.4	3.1
28	81.3	3.2
29	83.2	3.1
30	85.2	2.9
*SE = Standard Error on T-score		

<b>Depressive Symptoms 6a</b>		
<i>Short Form Conversion Table</i>		
Raw Summed Score	Scale Score	SE*
6	36.2	5.9
7	42.1	4.4
8	45.4	4
9	48	3.6
10	50.2	3.4
11	52.1	3.3
12	53.9	3.2
13	55.6	3.1
14	57.2	3.1
15	58.9	3.1
16	60.5	3.1
17	62.1	3.1
18	63.7	3.1
19	65.2	3.1
20	66.8	3.1
21	68.4	3.1
22	70	3.1
23	71.5	3
24	73.1	3
25	74.7	3
26	76.3	3.1
27	78.1	3.2
28	80.2	3.3
29	82.4	3.3
30	84.6	3.1
*SE = Standard Error on T-score		

<b>Fatigue 6a</b>		
<i>Short Form Conversion Table</i>		
Raw Summed Score	Scale Score	SE*
6	35.7	5.6
7	41.1	4.1
8	44.1	3.6
9	46.5	3.2
10	48.5	3.1
11	50.4	3
12	52	2.9
13	53.6	2.9
14	55.1	2.9
15	56.7	2.9
16	58.2	2.9
17	59.8	2.9
18	61.3	2.9
19	62.8	2.9
20	64.2	2.9
21	65.6	2.9
22	67.1	2.9
23	68.5	2.9
24	70	2.9
25	71.5	2.9
26	73.1	2.9
27	74.8	3
28	76.7	3.1
29	79.3	3.2
30	82.5	3.3
*SE = Standard Error on T-score		



<b>Mobility 6a</b>		
<i>Short Form Conversion Table</i>		
Raw Summed Score	Scale Score	SE*
6	18.4	3.6
7	21.6	3.2
8	23	3.2
9	24.4	3
10	25.7	2.8
11	26.7	2.7
12	27.8	2.6
13	28.7	2.5
14	29.6	2.5
15	30.4	2.4
16	31.3	2.4
17	32.1	2.4
18	32.9	2.4
19	33.8	2.5
20	34.6	2.5
21	35.5	2.5
22	36.5	2.6
23	37.5	2.7
24	38.6	2.9
25	39.9	3.1
26	41.6	3.7
27	43	3.6
28	45.3	4.2
29	48	4.5
30	56.4	7
*SE = Standard Error on T-score		

<b>Pain Interference 6a</b>		
<i>Short Form Conversion Table</i>		
Raw Summed Score	Scale Score	SE*
6	38.2	5.7
7	44.5	3.4
8	46.8	3.1
9	48.7	2.7
10	50.2	2.6
11	51.5	2.5
12	52.8	2.5
13	54	2.5
14	55.1	2.5
15	56.2	2.5
16	57.3	2.5
17	58.4	2.5
18	59.4	2.5
19	60.4	2.5
20	61.5	2.5
21	62.5	2.4
22	63.5	2.4
23	64.6	2.4
24	65.7	2.4
25	66.7	2.4
26	67.9	2.5
27	69.2	2.6
28	70.7	2.9
29	72.3	3
30	75.8	4
*SE = Standard Error on T-score		

<b>Peer Relationships 6a</b>		
<i>Short Form Conversion Table</i>		
Raw Summed Score	Scale Score	SE*
6	17.3	3.4
7	19.9	3.3
8	21.7	3.2
9	23.4	3.1
10	24.9	3
11	26.3	2.9
12	27.7	2.9
13	29.1	3
14	30.5	3
15	31.9	3.1
16	33.3	3.1
17	34.8	3.1
18	36.2	3.1
19	37.6	3.1
20	39.1	3
21	40.6	3
22	42.2	3
23	43.7	3
24	45.2	3
25	46.8	3
26	48.5	3.1
27	50.4	3.3
28	52.8	3.7
29	55.7	4.1
30	61.7	6
*SE = Standard Error on T-score		





**PROMIS Parent Proxy – 49 v2.0 scoring tables**

<b>Anxiety 8a</b>		
<i>Short Form Conversion Table</i>		
Raw Summed Score	Scale Score	SE*
8	34.6	5.6
9	39.7	4.4
10	42.7	3.9
11	45.1	3.5
12	47.1	3.3
13	48.8	3.1
14	50.4	3
15	51.9	2.9
16	53.3	2.9
17	54.7	2.8
18	56	2.8
19	57.4	2.9
20	58.7	2.9
21	60	2.9
22	61.4	2.9
23	62.8	2.9
24	64.2	2.9
25	65.5	3
26	66.9	3
27	68.3	2.9
28	69.6	2.9
29	71	2.9
30	72.3	2.9
31	73.6	2.8
32	74.8	2.8
33	76.1	2.8
34	77.4	2.8
35	78.8	2.8
36	80.2	2.9
37	81.6	2.9
38	83.2	2.9
39	84.7	2.8
40	86.2	2.5
*SE = Standard Error on T-score		

<b>Depressive Symptoms 8a</b>		
<i>Short Form Conversion Table</i>		
Raw Summed Score	Scale Score	SE*
8	34.7	5.5
9	40.2	4
10	43.3	3.6
11	45.6	3.3
12	47.6	3.1
13	49.3	3
14	50.9	2.9
15	52.4	2.8
16	53.8	2.7
17	55.1	2.7
18	56.4	2.7
19	57.7	2.7
20	59	2.7
21	60.2	2.7
22	61.5	2.7
23	62.8	2.7
24	64.1	2.7
25	65.3	2.7
26	66.6	2.7
27	67.8	2.7
28	69	2.7
29	70.2	2.7
30	71.4	2.7
31	72.6	2.6
32	73.8	2.7
33	75	2.7
34	76.3	2.7
35	77.6	2.7
36	79	2.8
37	80.5	2.9
38	82	3
39	83.8	2.9
40	85.5	2.7
*SE = Standard Error on T-score		

<b>Fatigue 8a</b>		
<i>Short Form Conversion Table</i>		
Raw Summed Score	Scale Score	SE*
8	34.5	5.4
9	39.6	3.9
10	42.4	3.3
11	44.5	3
12	46.2	2.8
13	47.8	2.7
14	49.3	2.6
15	50.6	2.6
16	51.9	2.5
17	53.2	2.5
18	54.4	2.5
19	55.6	2.5
20	56.8	2.5
21	58	2.6
22	59.2	2.6
23	60.4	2.6
24	61.6	2.6
25	62.8	2.6
26	63.9	2.6
27	65.1	2.6
28	66.2	2.6
29	67.3	2.5
30	68.4	2.5
31	69.6	2.5
32	70.7	2.5
33	71.8	2.5
34	73	2.5
35	74.2	2.5
36	75.5	2.6
37	76.9	2.7
38	78.6	2.8
39	80.7	3
40	83.4	3.1
*SE = Standard Error on T-score		





<b>Mobility 8a</b>		
<i>Short Form Conversion Table</i>		
Raw Summed Score	Scale Score	SE*
8	15.3	3
9	17.6	3
10	19.6	2.8
11	21	2.7
12	22.2	2.6
13	23.2	2.5
14	24.2	2.4
15	25	2.3
16	25.8	2.2
17	26.6	2.2
18	27.3	2.1
19	28	2.1
20	28.7	2.1
21	29.3	2.1
22	30	2.1
23	30.6	2.1
24	31.3	2.1
25	31.9	2.1
26	32.6	2.1
27	33.2	2.1
28	33.9	2.2
29	34.6	2.2
30	35.4	2.3
31	36.2	2.3
32	37.1	2.4
33	38	2.6
34	39.1	2.7
35	40.3	3
36	41.8	3.6
37	43.2	3.6
38	45.5	4.1
39	48.1	4.5
40	56.5	7
*SE = Standard Error on T-score		

<b>Pain Interference 8a</b>		
<i>Short Form Conversion Table</i>		
Raw Summed Score	Scale Score	SE*
8	37.8	5.6
9	43.8	3.4
10	45.9	3
11	47.7	2.6
12	49	2.5
13	50.2	2.3
14	51.3	2.2
15	52.3	2.2
16	53.2	2.2
17	54.1	2.2
18	55	2.2
19	55.9	2.2
20	56.7	2.2
21	57.6	2.2
22	58.4	2.2
23	59.2	2.2
24	60.1	2.2
25	60.9	2.2
26	61.7	2.2
27	62.5	2.2
28	63.3	2.1
29	64.1	2.1
30	64.9	2.1
31	65.7	2.1
32	66.6	2.1
33	67.4	2.2
34	68.3	2.2
35	69.3	2.3
36	70.3	2.4
37	71.4	2.5
38	72.9	2.8
39	74.4	3
40	77.6	3.9
*SE = Standard Error on T-score		

<b>Peer Relationships 8a</b>		
<i>Short Form Conversion Table</i>		
Raw Summed Score	Scale Score	SE*
8	15.5	3
9	17.6	3
10	19.3	3
11	20.8	2.9
12	22.2	2.8
13	23.4	2.7
14	24.6	2.6
15	25.7	2.6
16	26.8	2.6
17	27.9	2.6
18	29	2.6
19	30.1	2.7
20	31.2	2.7
21	32.3	2.7
22	33.4	2.7
23	34.5	2.7
24	35.6	2.7
25	36.8	2.7
26	37.9	2.7
27	39.1	2.7
28	40.3	2.7
29	41.4	2.7
30	42.6	2.6
31	43.8	2.6
32	45	2.7
33	46.2	2.7
34	47.5	2.7
35	48.9	2.8
36	50.4	3
37	52.1	3.2
38	54.3	3.7
39	57	4.1
40	62.6	5.8
*SE = Standard Error on T-score		

## APPENDIX 2 - SCORING TABLES FOR RETIRED MEASURES

Pediatric v1.0 - Anxiety 4a		
Short Form Conversion Table		
Raw Score	T- Score	SE*
0	34.5	6.3
1	39.5	5.5
2	42.6	5.4
3	45.6	5.2
4	48.2	5.1
5	50.6	5.1
6	53.1	5.1
7	55.4	5.1
8	57.8	5.1
9	60.1	5.1
10	62.4	5.1
11	64.8	5.1
12	67.2	5.2
13	69.8	5.1
14	72.4	5.2
15	75.2	5.2
16	78.7	5.2
*SE = Standard Error on T-score		

Pediatric v1.1 - Anxiety 4b		
Short Form Conversion Table		
Raw Score	T- Score	SE*
0	35.6	6.4
1	40.9	5.6
2	44.1	5.4
3	47.2	5.2
4	49.9	5.1
5	52.4	5.0
6	54.8	5.0
7	57.2	5.0
8	59.5	5.0
9	61.8	5.0
10	64.0	5.1
11	66.3	5.1
12	68.7	5.1
13	71.1	5.1
14	73.7	5.2
15	76.3	5.1
16	79.6	5.1
*SE = Standard Error on T-score		

Pediatric v1.0 - Depressive Symptoms 4a		
Short Form Conversion Table		
Raw Score	T- Score	SE*
0	37.7	6.4
1	43.5	5.1
2	46.7	4.9
3	49.7	4.6
4	52.1	4.4
5	54.3	4.3
6	56.3	4.2
7	58.3	4.2
8	60.2	4.2
9	62.0	4.2
10	63.9	4.2
11	65.8	4.2
12	67.8	4.2
13	69.9	4.2
14	72.1	4.3
15	74.6	4.4
16	78.0	4.7
*SE = Standard Error on T-score		

Pediatric v1.1 - Depressive Symptoms 4b		
Short Form Conversion Table		
Raw Score	T- Score	SE*
0	37.7	6.4
1	43.5	5.2
2	46.8	5.0
3	49.8	4.7
4	52.3	4.5
5	54.6	4.4
6	56.7	4.4
7	58.8	4.3
8	60.7	4.3
9	62.6	4.3
10	64.6	4.3
11	66.6	4.3
12	68.6	4.3
13	70.7	4.4
14	73.0	4.5
15	75.4	4.6
16	78.7	4.8
*SE = Standard Error on T-score		

Pediatric v1.0 - Fatigue 4a		
Short Form Conversion Table		
Raw Score	T- Score	SE*
0	35.4	6.5
1	40.7	5.6
2	44.2	5.4
3	47.2	5.2
4	49.8	5.1
5	52.2	5.0
6	54.4	5.0
7	56.5	4.9
8	58.6	4.9
9	60.6	4.9
10	62.7	4.9
11	64.7	4.9
12	66.9	4.9
13	69.1	4.9
14	71.5	5.0
15	74.1	5.0
16	77.7	5.2
*SE = Standard Error on T-score		

Pediatric v1.0 - Mobility 4a		
Short Form Conversion Table		
Raw Score	T- Score	SE*
0	20.0	4.5
1	23.1	4.1
2	25.1	3.9
3	26.9	3.9
4	28.4	3.8
5	30.0	3.8
6	31.5	3.8
7	32.9	3.8
8	34.4	3.8
9	36.0	3.8
10	37.6	3.9
11	39.3	4.1
12	41.2	4.4
13	42.9	4.2
14	45.5	4.4
15	48.9	4.7
16	57.1	7.0
*SE = Standard Error on T-score		

Pediatric v1.0 - Pain Interference 4a		
Short Form Conversion Table		
Raw Score	T- Score	SE*
0	36.7	6.1
1	42	4.9
2	44.4	4.8
3	47.2	4.4
4	49.3	4.3
5	51.3	4.1
6	53.2	4.1
7	55.0	4.0
8	56.7	4.0
9	58.4	4.0
10	60.1	4.0
11	61.8	4.0
12	63.6	4.1
13	65.5	4.1
14	67.7	4.2
15	70.0	4.3
16	74.0	5.0
*SE = Standard Error on T-score		

Pediatric v1.0 - Peer Relationships 4a		
Short Form Conversion Table		
Raw Score	T- Score	SE*
0	22.9	5.1
1	25.7	4.8
2	27.7	4.7
3	29.8	4.5
4	31.7	4.5
5	33.6	4.4
6	35.4	4.4
7	37.2	4.4
8	38.9	4.4
9	40.7	4.4
10	42.6	4.5
11	44.5	4.6
12	46.7	4.8
13	48.9	4.7
14	51.9	5.1
15	55.3	5.4
16	61.1	6.6
*SE = Standard Error on T-score		

Anxiety 4b and Depressive Symptoms 4b should be utilized instead of Anxiety 4a and Depressive Symptoms 4a versions if PROMIS Pediatric – 25 Profile v1.1 was used.

Pediatric v1.0 - Anxiety 6a		
Short Form Conversion Table		
Raw Summed Score	Scale Score	SE*
0	33.5	6.0
1	38.2	5.1
2	40.9	4.9
3	43.5	4.6
4	45.6	4.5
5	47.6	4.3
6	49.5	4.3
7	51.3	4.2
8	53.0	4.2
9	54.6	4.2
10	56.3	4.2
11	57.8	4.2
12	59.4	4.2
13	61.0	4.2
14	62.6	4.2
15	64.2	4.2
16	65.8	4.1
17	67.4	4.1
18	69.1	4.1
19	70.8	4.2
20	72.6	4.2
21	74.4	4.2
22	76.5	4.3
23	78.7	4.3
24	81.4	4.3
*SE = Standard Error on T-score		

Pediatric v1.1 - Anxiety 6b		
Short Form Conversion Table		
Raw Summed Score	Scale Score	SE*
0	34.4	6.1
1	39.2	5.1
2	42.1	4.9
3	44.7	4.6
4	46.9	4.5
5	48.9	4.3
6	50.8	4.2
7	52.5	4.2
8	54.2	4.2
9	55.8	4.1
10	57.4	4.1
11	59.0	4.1
12	60.5	4.1
13	62.1	4.1
14	63.6	4.1
15	65.2	4.1
16	66.8	4.1
17	68.4	4.1
18	70.0	4.1
19	71.7	4.1
20	73.5	4.2
21	75.3	4.2
22	77.4	4.3
23	79.4	4.3
24	82.0	4.2
*SE = Standard Error on T-score		

Pediatric v1.0 - Depressive Symptoms 6a		
Short Form Conversion Table		
Raw Summed Score	Scale Score	SE*
0	36.9	6.1
1	42.4	4.8
2	45.3	4.5
3	47.8	4.1
4	49.9	3.9
5	51.7	3.7
6	53.3	3.5
7	54.8	3.4
8	56.2	3.4
9	57.6	3.4
10	58.9	3.3
11	60.2	3.3
12	61.5	3.3
13	62.8	3.3
14	64.0	3.3
15	65.3	3.3
16	66.6	3.3
17	67.9	3.3
18	69.2	3.3
19	70.6	3.3
20	72.1	3.4
21	73.6	3.4
22	75.4	3.6
23	77.4	3.8
24	80.4	4.1
*SE = Standard Error on T-score		

Pediatric v1.1 - Depressive Symptoms 6b		
Short Form Conversion Table		
Raw Summed Score	Scale Score	SE*
0	36.9	6.2
1	42.4	4.9
2	45.3	4.5
3	47.9	4.1
4	50.0	3.9
5	51.8	3.7
6	53.5	3.6
7	55.1	3.5
8	56.5	3.5
9	57.9	3.4
10	59.3	3.4
11	60.6	3.4
12	61.9	3.4
13	63.2	3.4
14	64.5	3.4
15	65.8	3.4
16	67.1	3.4
17	68.4	3.4
18	69.8	3.4
19	71.3	3.4
20	72.8	3.5
21	74.4	3.6
22	76.2	3.7
23	78.1	3.9
24	80.9	4.1
*SE = Standard Error on T-score		

Anxiety 6b and Depressive Symptoms 6b should be utilized instead of Anxiety 6a and Depressive Symptoms 6a versions if PROMIS Pediatric – 37 Profile v1.1 was used.



Pediatric v1.0 - Fatigue 6a		
Short Form Conversion Table		
Raw Summed Score	Scale Score	SE*
0	32.8	5.9
1	37.5	5.1
2	40.4	4.9
3	43.0	4.6
4	45.2	4.5
5	47.2	4.4
6	49.1	4.3
7	50.8	4.3
8	52.5	4.2
9	54.1	4.2
10	55.7	4.2
11	57.3	4.2
12	58.8	4.2
13	60.4	4.2
14	61.9	4.2
15	63.4	4.2
16	65.0	4.2
17	66.6	4.2
18	68.2	4.2
19	69.9	4.2
20	71.6	4.2
21	73.5	4.3
22	75.6	4.4
23	77.9	4.4
24	80.8	4.5
*SE = Standard Error on T-score		

Pediatric v1.0 - Mobility 6a		
Short Form Conversion Table		
Raw Summed Score	Scale Score	SE*
0	17.1	3.8
1	19.5	3.8
2	21.3	3.7
3	22.8	3.6
4	24.2	3.5
5	25.4	3.5
6	26.6	3.4
7	27.8	3.4
8	28.9	3.3
9	30.0	3.3
10	31.1	3.3
11	32.2	3.3
12	33.3	3.3
13	34.4	3.3
14	35.5	3.4
15	36.7	3.4
16	37.9	3.5
17	39.2	3.5
18	40.6	3.6
19	42.1	3.8
20	43.9	4.1
21	45.7	4.1
22	48.1	4.3
23	51.4	4.8
24	58.4	6.7
*SE = Standard Error on T-score		

Pediatric v1.0 - Pain Interference 6a		
Short Form Conversion Table		
Raw Summed Score	Scale Score	SE*
0	35.0	5.7
1	39.9	4.5
2	42.0	4.3
3	44.3	3.9
4	46.0	3.7
5	47.7	3.5
6	49.2	3.5
7	50.6	3.4
8	51.9	3.3
9	53.2	3.3
10	54.4	3.3
11	55.7	3.3
12	56.9	3.3
13	58.1	3.3
14	59.3	3.3
15	60.5	3.3
16	61.8	3.3
17	63.1	3.3
18	64.4	3.3
19	65.7	3.3
20	67.2	3.4
21	68.7	3.5
22	70.6	3.7
23	72.5	3.8
24	76.1	4.5
*SE = Standard Error on T-score		

Pediatric v1.0 - Peer Relationships 6a		
Short Form Conversion Table		
Raw Summed Score	Scale Score	SE*
0	19.7	4.5
1	22.2	4.3
2	23.8	4.3
3	25.6	4.1
4	27.1	4.0
5	28.6	3.9
6	30.0	3.9
7	31.4	3.8
8	32.8	3.8
9	34.1	3.8
10	35.4	3.8
11	36.7	3.8
12	38.1	3.8
13	39.4	3.8
14	40.7	3.8
15	42.1	3.8
16	43.6	3.9
17	45.1	3.9
18	46.7	4.0
19	48.4	4.1
20	50.3	4.3
21	52.4	4.4
22	55.0	4.7
23	58.0	5.1
24	63.2	6.2
*SE = Standard Error on T-score		



Pediatric v1.0 - Anxiety 8a		
Short Form Conversion Table		
Raw Summed Score	Scale Score	SE*
0	32.3	5.7
1	36.7	4.9
2	39.2	4.7
3	41.4	4.3
4	43.3	4.2
5	45.1	4.0
6	46.7	3.9
7	48.2	3.8
8	49.6	3.8
9	50.9	3.7
10	52.3	3.7
11	53.5	3.7
12	54.8	3.7
13	56.0	3.7
14	57.3	3.7
15	58.5	3.7
16	59.7	3.7
17	60.9	3.7
18	62.1	3.7
19	63.3	3.7
20	64.5	3.7
21	65.8	3.7
22	67.0	3.7
23	68.3	3.7
24	69.6	3.7
25	70.9	3.7
26	72.3	3.7
27	73.7	3.7
28	75.2	3.8
29	76.8	3.9
30	78.6	4.0
31	80.5	4.0
32	82.8	3.9
*SE = Standard Error on T-score		

Pediatric v1.1- Anxiety 8b		
Short Form Conversion Table		
Raw Summed Score	Scale Score	SE*
0	33.5	5.9
1	38.0	4.9
2	40.6	4.7
3	43.0	4.4
4	44.9	4.2
5	46.7	4.0
6	48.3	3.9
7	49.8	3.8
8	51.2	3.8
9	52.5	3.7
10	53.8	3.7
11	55.1	3.7
12	56.3	3.7
13	57.5	3.7
14	58.7	3.7
15	59.9	3.7
16	61.0	3.7
17	62.2	3.7
18	63.4	3.7
19	64.5	3.7
20	65.7	3.6
21	66.9	3.6
22	68.1	3.6
23	69.3	3.7
24	70.6	3.7
25	71.8	3.7
26	73.2	3.7
27	74.6	3.8
28	76.0	3.8
29	77.6	3.9
30	79.3	4.0
31	81.1	3.9
32	83.3	3.8
*SE = Standard Error on T-score		

Pediatric v1.0 - Depressive Symptoms 8a		
Short Form Conversion Table		
Raw Summed Score	Scale Score	SE*
0	35.2	5.8
1	40.4	4.6
2	43.2	4.2
3	45.5	3.8
4	47.4	3.6
5	49.1	3.4
6	50.5	3.3
7	51.9	3.2
8	53.2	3.1
9	54.3	3.1
10	55.5	3.0
11	56.6	3.0
12	57.7	3.0
13	58.7	3.0
14	59.7	2.9
15	60.7	2.9
16	61.8	2.9
17	62.8	2.9
18	63.7	2.9
19	64.7	2.9
20	65.7	2.9
21	66.8	2.9
22	67.8	2.9
23	68.8	2.9
24	69.9	2.9
25	70.9	2.9
26	72.1	3.0
27	73.2	3.0
28	74.5	3.1
29	75.9	3.2
30	77.5	3.4
31	79.3	3.5
32	81.9	3.7
*SE = Standard Error on T-score		

Pediatric v1.1 - Depressive Symptoms 8b		
Short Form Conversion Table		
Raw Summed Score	Scale Score	SE*
0	35.2	5.8
1	40.4	4.6
2	43.2	4.2
3	45.5	3.9
4	47.4	3.7
5	49.1	3.5
6	50.6	3.3
7	52.0	3.2
8	53.3	3.2
9	54.5	3.1
10	55.7	3.1
11	56.8	3.0
12	57.9	3.0
13	59.0	3.0
14	60.0	3.0
15	61.1	3.0
16	62.1	3.0
17	63.1	3.0
18	64.1	3.0
19	65.1	3.0
20	66.1	3.0
21	67.2	2.9
22	68.2	2.9
23	69.3	3.0
24	70.3	3.0
25	71.4	3.0
26	72.6	3.0
27	73.8	3.1
28	75.1	3.2
29	76.5	3.3
30	78.1	3.5
31	79.9	3.6
32	82.4	3.7
*SE = Standard Error on T-score		

Anxiety 8b and Depressive Symptoms 8b should be utilized instead of Anxiety 8a and Depressive Symptoms 8a versions if PROMIS Pediatric – 49 Profile v1.1 was used.



Pediatric v1.0 - Fatigue 8a		
Short Form Conversion Table		
Raw Summed Score	Scale Score	SE*
0	31.1	5.6
1	35.3	4.8
2	38.0	4.5
3	40.3	4.3
4	42.3	4.1
5	44.1	4.0
6	45.7	3.9
7	47.2	3.8
8	48.7	3.8
9	50.1	3.8
10	51.4	3.7
11	52.7	3.7
12	54.0	3.7
13	55.3	3.7
14	56.5	3.7
15	57.8	3.7
16	59.0	3.7
17	60.2	3.7
18	61.5	3.7
19	62.7	3.7
20	63.9	3.7
21	65.2	3.7
22	66.4	3.7
23	67.7	3.7
24	69.0	3.7
25	70.4	3.7
26	71.8	3.7
27	73.2	3.8
28	74.8	3.8
29	76.4	3.9
30	78.3	4.0
31	80.3	4.0
32	82.8	3.9
*SE = Standard Error on T-score		

Pediatric v1.0 - Mobility 8a		
Short Form Conversion Table		
Raw Summed Score	Scale Score	SE*
0	15.2	3.0
1	17.1	3.1
2	18.6	3.1
3	19.9	3.1
4	21.1	3.0
5	22.2	2.9
6	23.2	2.9
7	24.2	2.8
8	25.1	2.8
9	25.9	2.7
10	26.8	2.7
11	27.6	2.7
12	28.4	2.7
13	29.2	2.7
14	30.0	2.7
15	30.9	2.7
16	31.7	2.7
17	32.5	2.7
18	33.3	2.7
19	34.2	2.7
20	35.0	2.8
21	36.0	2.8
22	36.9	2.9
23	37.9	3.0
24	39.0	3.1
25	40.1	3.2
26	41.4	3.3
27	42.8	3.5
28	44.4	3.9
29	46.1	3.9
30	48.4	4.2
31	51.6	4.8
32	58.5	6.7
*SE = Standard Error on T-score		

Pediatric v1.0 - Pain Interference 8a		
Short Form Conversion Table		
Raw Summed Score	Scale Score	SE*
0	34.0	5.6
1	38.7	4.4
2	40.6	4.2
3	42.7	3.8
4	44.3	3.7
5	45.8	3.4
6	47.1	3.3
7	48.4	3.2
8	49.5	3.2
9	50.6	3.1
10	51.7	3.1
11	52.7	3.1
12	53.7	3.0
13	54.7	3.0
14	55.7	3.0
15	56.6	3.0
16	57.6	3.0
17	58.5	3.0
18	59.5	3.0
19	60.4	3.0
20	61.4	3.0
21	62.4	3.0
22	63.4	3.0
23	64.4	3.0
24	65.4	3.1
25	66.5	3.1
26	67.6	3.2
27	68.8	3.2
28	70.1	3.3
29	71.5	3.4
30	73.2	3.7
31	75.0	3.8
32	78.0	4.3
*SE = Standard Error on T-score		

Pediatric v1.0 - Peer Relationships 8a		
Short Form Conversion Table		
Raw Summed Score	Scale Score	SE*
0	17.7	4.0
1	20.0	3.9
2	21.4	3.9
3	23.0	3.7
4	24.4	3.7
5	25.7	3.6
6	26.9	3.5
7	28.1	3.4
8	29.2	3.4
9	30.4	3.4
10	31.4	3.3
11	32.5	3.3
12	33.6	3.3
13	34.6	3.3
14	35.6	3.3
15	36.7	3.3
16	37.7	3.3
17	38.8	3.3
18	39.8	3.3
19	40.9	3.3
20	42.0	3.3
21	43.1	3.4
22	44.3	3.4
23	45.5	3.4
24	46.7	3.5
25	48.0	3.5
26	49.4	3.6
27	50.9	3.7
28	52.6	3.9
29	54.5	4.1
30	56.8	4.5
31	59.5	4.8
32	64.4	6.0
*SE = Standard Error on T-score		