



# PEDIATRIC AND PARENT PROXY PROFILE INSTRUMENTS MEASURE DIFFERENCES

A brief guide to differences between the PROMIS<sup>®</sup> Pediatric/Parent Proxy Profile instruments:

PEDIATRIC	PARENT PROXY
PROMIS Pediatric-25 Profile GenPop v3.0	PROMIS Parent Proxy-25 Profile GenPop v3.0
PROMIS Pediatric-36 Profile GenPop v3.0	PROMIS Parent Proxy-36 Profile GenPop v3.0
PROMIS Pediatric-48 Profile GenPop v3.0	PROMIS Parent Proxy-48 Profile GenPop v3.0
PROMIS Pediatric-25 Profile v2.0*	PROMIS Parent-Proxy-25 Profile v2.0*
PROMIS Pediatric-37 Profile v2.0*	PROMIS Parent-Proxy-37 Profile v2.0*
PROMIS Pediatric-49 Profile v2.0*	PROMIS Parent-Proxy-49 Profile v2.0*
PROMIS Pediatric-25 Profile v1.1*	
PROMIS Pediatric-37 Profile v1.1*	
PROMIS Pediatric-49 Profile v1.1*	
PROMIS Pediatric-25 Profile v1.0*	
PROMIS Pediatric-37 Profile v1.0*	
PROMIS Pediatric-49 Profile v1.0*	

\*Retired measure

## ABOUT PROMIS PED/PROXY 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-36 GenPop v3.0** (or **PROMIS-37** for earlier versions) or includes 5-6 items per domain; the **PROMIS-48 GenPop v3.0** (or **PROMIS-49** for earlier versions) includes 7-8 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. The 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).

## PED/PROXY 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., an 8-item short form is the 6-item short 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.



## INTRODUCTION TO ASSESSMENT OPTIONS

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.

## VERSION DIFFERENCES

Some PROMIS domains have multiple versions of instruments (i.e. v1.0, v1.1, v2.0, v3.0). **Generally, it is recommended that you use the most recent version available which can be identified as the instruments with the highest version number.**

### Changes from v2.0 to GenPop v3.0

- The GenPop v3.0 Pediatric and Parent Proxy Profile measures replaced the v2.0 measures.
- The GenPop v3.0 measures were re-normed. This means that the scores produced by v3.0 measures are NOT equivalent to scores from older measures (i.e., v1.0, v1.1, v2.0). Specifically:
  - The v2.0 measures were developed with U.S. children sampled from a combination of the general population and those with chronic conditions. This means a v2.0 T-score of 50 is based on the mean of a sample comprised of a mix of children from the general population AND children with chronic conditions. The re-normed GenPop v3.0 measures are now purely based on a sample from the general pediatric population. This makes interpreting a PROMIS score easier as it references just the general population. The use of “GenPop” (general population) is used to convey the difference in metrics between v3.0 and earlier versions of the measures.
  - Earlier versions of the PROMIS Pediatric and Parent Proxy measures can be converted to the GenPop v3.0 metric. Instructions are included in the Pediatric and Parent Proxy Profile Scoring Manual.
- Several items were revised; see Appendices 1 and 2 for a full list of how v2.0 items were revised for GenPop v3.0.
- Two items (**235R1r** for Pediatric, **Pf1mobil3r** for Parent Proxy) were removed from the PROMIS GenPop v3.0 Mobility Item Bank, resulting in their removal from the associated PROMIS Profile instruments.
  - The v2.0 Pediatric-37, Pediatric-49, Parent Proxy-37, and Parent Proxy-49 Profile instruments were all reduced by one item, resulting in the GenPop v3.0 Pediatric-36, Pediatric-48, Parent Proxy-36, and Parent Proxy-48 Profiles.
  - These items were replaced by **236R1r2** in the GenPop v3.0 Pediatric-25 and by **Pf4mobil4r2** in the GenPop v3.0 Parent Proxy-25; thus, these v3.0 Profile instruments retained the same number of items as in the v2.0 Pediatric-25 and v2.0 Parent Proxy-25 Profiles.

### Changes from v1.1 to v2.0

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 instruments existed before v2.0. They were named v2.0 (instead of v1.0) to be consistent with the Pediatric Profile instrument names.

Changes from v1.0 to v1.1

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.

## SHORT FORMS INCLUDED IN PEDIATRIC PROFILES

<b>Table 1: Short Forms in PROMIS-25 Pediatric Profiles</b>			
<b>PROMIS-25 v1.0</b>	<b>PROMIS-25 v1.1</b>	<b>PROMIS-25 v2.0</b>	<b>PROMIS-25 GenPop v3.0</b>
PROMIS Ped SF v1.0 – Anxiety 4a	PROMIS Ped SF v1.1 – Anxiety 4b	PROMIS Ped SF v2.0 – Anxiety 4b	PROMIS Ped SF GenPop v3.0 – Anxiety 4b
PROMIS Ped SF v1.0 – Depressive Symptoms 4a	PROMIS Ped SF v1.0 – Depressive Symptoms 4b	PROMIS Ped SF v2.0 – Depressive Symptoms 4b	PROMIS Ped SF GenPop v3.0 – Depressive Symptoms 4b
PROMIS Ped SF v1.0 – Fatigue 4a	PROMIS Ped SF v1.0 – Fatigue 4a	PROMIS Ped SF v2.0 – Fatigue 4a	PROMIS Ped SF GenPop v3.0 – Fatigue 4a
PROMIS Ped SF v1.0 – Mobility 4a	PROMIS Ped SF v1.0 – Mobility 4a	PROMIS Ped SF v2.0 – Mobility 4a	PROMIS Ped SF GenPop v3.0 – Mobility 4a
PROMIS Ped SF v1.0 – Pain Interference 4a	PROMIS Ped SF v1.0 – Pain Interference 4a	PROMIS Ped SF v2.0 – Pain Interference 4a	PROMIS Ped SF GenPop v3.0 – Pain Interference 4a
PROMIS Ped SF v1.0 – Peer Relationships 4a	PROMIS Ped SF v1.0 – Peer Relationships 4a	PROMIS Ped SF v2.0 – Peer Relationships 4a	PROMIS Ped SF GenPop v3.0 – Peer Relationships 4a
PROMIS Ped Pain Intensity item (9033R1)	PROMIS Ped Pain Intensity item (9033R1)	PROMIS Ped Pain Intensity item (9033R1r)	PROMIS Ped Pain Intensity item (9033R1r)

<b>Table 2: Short Forms in PROMIS-37 and PROMIS-36 Pediatric Profiles</b>			
<b>PROMIS-37 v1.0</b>	<b>PROMIS-37 v1.1</b>	<b>PROMIS-37 v2.0</b>	<b>PROMIS-36 GenPop v3.0</b>
PROMIS Ped SF v1.0 – Anxiety 6a	PROMIS Ped SF v1.1 – Anxiety 6b	PROMIS Ped SF v2.0 – Anxiety 6b	PROMIS Ped SF GenPop v3.0 – 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 GenPop v3.0 – 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 GenPop v3.0 – Fatigue 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 GenPop v3.0 – Mobility 5a
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 GenPop v3.0 – Pain Interference 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 Ped SF GenPop v3.0 – Peer Relationships 6a
PROMIS Ped Pain Intensity item (9033R1)	PROMIS Ped Pain Intensity item (9033R1)	PROMIS Ped Pain Intensity item (9033R1r)	PROMIS Ped Pain Intensity item (9033R1r)

<b>Table 3: Short Forms in PROMIS-49 and PROMIS-48 Pediatric Profiles</b>			
<b>PROMIS-49 v1.0</b>	<b>PROMIS-49 v1.1</b>	<b>PROMIS-49 v2.0</b>	<b>PROMIS-48 GenPop v3.0</b>
PROMIS Ped SF v1.0 – Anxiety 8a	PROMIS Ped SF v1.1 – Anxiety 8b	PROMIS Ped SF v2.0 – Anxiety 8a	PROMIS Ped SF GenPop v3.0 – Anxiety 8a
PROMIS Ped SF v1.0 – Depressive Symptoms 8a	PROMIS Ped SF v1.1 – Depressive Symptoms 8b	PROMIS Ped SF v2.0 – Depressive Symptoms 8a	PROMIS Ped SF GenPop v3.0 – Depressive Symptoms 8a
PROMIS Ped SF v1.0 – Fatigue 8a	PROMIS Ped SF v1.0 – Fatigue 8a	PROMIS Ped SF v2.0 – Fatigue 8a	PROMIS Ped SF GenPop v3.0 – Fatigue 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 GenPop v3.0 – Mobility 7a
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 GenPop v3.0 – Pain Interference 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 Ped SF GenPop v3.0 – Peer Relationships 8a
PROMIS Ped Pain Intensity item (9033R1)	PROMIS Ped Pain Intensity item (9033R1)	PROMIS Ped Pain Intensity item (9033R1r)	PROMIS Ped Pain Intensity item (9033R1r)

## SHORT FORMS INCLUDED IN PARENT PROXY PROFILES

<b>Table 4: Short Forms in PROMIS-25 Parent Proxy Profiles</b>	
<b>PROMIS-25 v2.0</b>	<b>PROMIS-25 GenPop v3.0</b>
PROMIS Proxy SF v2.0 – Anxiety 4a	PROMIS Proxy SF GenPop v3.0 – Anxiety 4a
PROMIS Proxy SF v2.0 – Depressive Symptoms 4a	PROMIS Proxy SF GenPop v3.0 – Depressive Symptoms 4a
PROMIS Proxy SF v2.0 – Fatigue 4a	PROMIS Proxy SF GenPop v3.0 – Fatigue 4a
PROMIS Proxy SF v2.0 – Mobility 4a	PROMIS Proxy SF GenPop v3.0 – Mobility 4a
PROMIS Proxy SF v2.0 – Pain Interference 4a	PROMIS Proxy SF GenPop v3.0 – Pain Interference 4a
PROMIS Proxy SF v2.0 – Peer Relationships 4a	PROMIS Proxy SF GenPop v3.0 – Peer Relationships 4a
PROMIS Proxy Pain Intensity item (prx9033R1)	PROMIS Proxy Pain Intensity item (prx9033R1)

<b>Table 5: Short Forms in PROMIS-37 and PROMIS-36 Parent Proxy Profiles</b>	
<b>PROMIS-37 v2.0</b>	<b>PROMIS-36 GenPop v3.0</b>
PROMIS Proxy SF v2.0 – Anxiety 6a	PROMIS Proxy SF GenPop v3.0 – Anxiety 6a
PROMIS Proxy SF v2.0 – Depressive Symptoms 6a	PROMIS Proxy SF GenPop v3.0 – Depressive Symptoms 6a
PROMIS Proxy SF v2.0 – Fatigue 6a	PROMIS Proxy SF GenPop v3.0 – Fatigue 6a
PROMIS Proxy SF v2.0 – Mobility 6a	PROMIS Proxy SF GenPop v3.0 – Mobility 5a
PROMIS Proxy SF v2.0 – Pain Interference 6a	PROMIS Proxy SF GenPop v3.0 – Pain Interference 6a
PROMIS Proxy SF v2.0 – Peer Relationships 6a	PROMIS Proxy SF GenPop v3.0 – Peer Relationships 6a
PROMIS Proxy Pain Intensity item (prx9033R1)	PROMIS Proxy Pain Intensity item (prx9033R1)

Table 6: Short Forms in PROMIS-49 and PROMIS-48 Parent Proxy Profiles	
PROMIS-49 v2.0	PROMIS-48 GenPop v3.0
PROMIS Proxy SF v2.0 – Anxiety 8a	PROMIS Proxy SF GenPop v3.0 – Anxiety 8a
PROMIS Proxy SF v2.0 – Depressive Symptoms 8a	PROMIS Proxy SF GenPop v3.0 – Depressive Symptoms 8a
PROMIS Proxy SF v2.0 – Fatigue 8a	PROMIS Proxy SF GenPop v3.0 – Fatigue 8a
PROMIS Proxy SF v2.0 – Mobility 8a	PROMIS Proxy SF GenPop v3.0 – Mobility 7a
PROMIS Proxy SF v2.0 – Pain Interference 8a	PROMIS Proxy SF GenPop v3.0 – Pain Interference 8a
PROMIS Proxy SF v2.0 – Peer Relationships 8a	PROMIS Proxy SF GenPop v3.0 – Peer Relationships 8a
PROMIS Proxy Pain Intensity item (prx9033R1)	PROMIS Proxy Pain Intensity item (prx9033R1)

## SELECTING A PEDIATRIC OR PARENT PROXY INSTRUMENT

In selecting whether to use the Pediatric or Parent Proxy Profile instrument, it is important to consider the population which you are studying. Pediatric self-report should be considered the standard for measuring patient-reported outcomes among children. However, circumstances exist when the child is too young, cognitively impaired, or too ill to complete a patient-reported outcome instrument. While information derived from self-report and proxy-report is not equivalent, it is optimal to assess both the child and the parent since their perspectives may be independently related to healthcare utilization, risk factors, and quality of care.

## SCORES

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.

## STATISTICAL CHARACTERISTICS

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 is an excerpt from the paper version of the PROMIS-25 Pediatric Profile GenPop v3.0 instrument. This is the paper version format used for all Profile instruments.

<b>Physical Function – Mobility</b>		<b>With no</b>	<b>With a</b>	<b>With</b>	<b>With</b>	<b>Not able</b>
<b>In the past 7 days...</b>		<b>trouble</b>	<b>little</b>	<b>some</b>	<b>a lot of</b>	<b>to do</b>
Pf4mobil4r2	My child could keep up when he/she played with other kids. ....	<input type="checkbox"/> 4	<input type="checkbox"/> 3	<input type="checkbox"/> 2	<input type="checkbox"/> 1	<input type="checkbox"/> 1
Pf3mobil9r2	My child could get up from the floor ..	<input type="checkbox"/> 4	<input type="checkbox"/> 3	<input type="checkbox"/> 2	<input type="checkbox"/> 1	<input type="checkbox"/> 1

Figure 1

## FREQUENTLY ASKED QUESTIONS (FAQs)

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

Review the HealthMeasures website at <http://www.healthmeasures.net/>.

Q: Are these instruments available in other languages?

Yes! The HealthMeasures website provides current information on PROMIS translations.

Q: Do I need to use all of the short forms in a Profile?

No. The profiles include domains that are likely relevant to most individuals. However, each short form produces its own valid score. If some domains are not relevant or assessment time is limited, you can administer a sub-set of Profile domains.

## APPENDIX 1 – PEDIATRIC GENPOP V3.0 PROFILE ITEM REVISIONS

### PROMIS Pediatric-25 Profile GenPop v3.0:

#### Mobility:

- The Item ID **4124R1r** was changed to **4124R1r2** to account for the revised Response Scores from 5-4-3-2-1 to 4-3-2-1-1.
- The Item ID **2707R2r** was changed to **2707R2r2** to account for the revised Response Scores from 5-4-3-2-1 to 4-3-2-1-1.
- The Item ID **5023R1r** was changed to **5023R1r2** to account for the revised Response Scores from 5-4-3-2-1 to 4-3-2-1-1.

### PROMIS Pediatric-36 Profile GenPop v3.0:

#### Mobility:

- The Item ID **4124R1r** was changed to **4124R1r2** to account for the revised Response Scores from 5-4-3-2-1 to 4-3-2-1-1.
- The Item ID **2707R2r** was changed to **2707R2r2** to account for the revised Response Scores from 5-4-3-2-1 to 4-3-2-1-1.
- The Item ID **5023R1r** was changed to **5023R1r2** to account for the revised Response Scores from 5-4-3-2-1 to 4-3-2-1-1.
- The Item ID **236R1r** was changed to **236R1r2** to account for the revised Response Scores from 5-4-3-2-1 to 4-3-2-1-1.
- The Item ID **4185R1r** was changed to **4185R1r2** to account for the revised Response Scores from 5-4-3-2-1 to 4-3-2-1-1.

### PROMIS Pediatric-48 Profile GenPop v3.0:

#### Mobility:

- The Item ID **4124R1r** was changed to **4124R1r2** to account for the revised Response Scores from 5-4-3-2-1 to 4-3-2-1-1.
- The Item ID **2707R2r** was changed to **2707R2r2** to account for the revised Response Scores from 5-4-3-2-1 to 4-3-2-1-1.
- The Item ID **5023R1r** was changed to **5023R1r2** to account for the revised Response Scores from 5-4-3-2-1 to 4-3-2-1-1.
- The Item ID **236R1r** was changed to **236R1r2** to account for the revised Response Scores from 5-4-3-2-1 to 4-3-2-1-1.
- The Item ID **4185R1r** was changed to **4185R1r2** to account for the revised Response Scores from 5-4-3-2-1 to 4-3-2-1-1.
- The Item ID **3892R1r** was changed to **3892R1r2** to account for the revised Response Scores from 5-4-3-2-1 to 4-3-2-1-1.
- The Item ID **2646R1r** was changed to **2646R1r2** to account for the revised Response Scores from 5-4-3-2-1 to 4-3-2-1-1.

#### Anxiety:

- The Item ID **2230R1r** was changed to **2230R1r2** to account for the revised Item Stem from "I got scared really easy." to "I got scared really easily."

## APPENDIX 2 – PARENT PROXY GENPOP V3.0 PROFILE ITEM REVISIONS

### PROMIS Parent Proxy-25 Profile GenPop v3.0:

#### Mobility:

- The Item ID **Pf3mobil9r** was changed to **Pf3mobil9r2** to account for the revised Response Scores from 5-4-3-2-1 to 4-3-2-1-1.
- The Item ID **Pf2mobil4r** was changed to **Pf2mobil4r2** to account for the revised Response Scores from 5-4-3-2-1 to 4-3-2-1-1.
- The Item ID **Pf1mobil1r** was changed to **Pf1mobil1r2** to account for the revised Response Scores from 5-4-3-2-1 to 4-3-2-1-1.

#### Fatigue:

- The Item ID **Pf4fatigue4r** was changed to **Pf4fatigue4r2** to account for the revised Response Scores from 1-2-3-4-5 to 1-2-3-4-4.

### PROMIS Parent Proxy-36 Profile GenPop v3.0:

#### Mobility:

- The Item ID **Pf3mobil9r** was changed to **Pf3mobil9r2** to account for the revised Response Scores from 5-4-3-2-1 to 4-3-2-1-1.
- The Item ID **Pf2mobil4r** was changed to **Pf2mobil4r2** to account for the revised Response Scores from 5-4-3-2-1 to 4-3-2-1-1.
- The Item ID **Pf1mobil1r** was changed to **Pf1mobil1r2** to account for the revised Response Scores from 5-4-3-2-1 to 4-3-2-1-1.
- The Item ID **Pf4mobil4r** was changed to **Pf4mobil4r2** to account for the revised Response Scores from 5-4-3-2-1 to 4-3-2-1-1.
- The Item ID **Pf2mobil7r** was changed to **Pf2mobil7r2** to account for the revised Response Scores from 5-4-3-2-1 to 4-3-2-1-1.

#### Fatigue:

- The Item ID **Pf4fatigue4r** was changed to **Pf4fatigue4r2** to account for the revised Response Scores from 1-2-3-4-5 to 1-2-3-4-4.

### PROMIS Parent Proxy-48 Profile GenPop v3.0:

#### Mobility:

- The Item ID **Pf3mobil9r** was changed to **Pf3mobil9r2** to account for the revised Response Scores from 5-4-3-2-1 to 4-3-2-1-1.
- The Item ID **Pf2mobil4r** was changed to **Pf2mobil4r2** to account for the revised Response Scores from 5-4-3-2-1 to 4-3-2-1-1.
- The Item ID **Pf1mobil1r** was changed to **Pf1mobil1r2** to account for the revised Response Scores from 5-4-3-2-1 to 4-3-2-1-1.
- The Item ID **Pf4mobil4r** was changed to **Pf4mobil4r2** to account for the revised Response Scores from 5-4-3-2-1 to 4-3-2-1-1.
- The Item ID **Pf2mobil7r** was changed to **Pf2mobil7r2** to account for the revised Response Scores from 5-4-3-2-1 to 4-3-2-1-1.





## APPENDIX 2 – PARENT PROXY GENPOP V3.0 ITEM REVISIONS

- The Item ID **Pf3mobil8r** was changed to **Pf3mobil8r2** to account for the revised Response Scores from 5-4-3-2-1 to 4-3-2-1-1.
- The Item ID **Pf3mobil3r** was changed to **Pf3mobil3r2** to account for the revised Response Scores from 5-4-3-2-1 to 4-3-2-1-1.

### Anxiety:

- The Item ID **Pf1anxiety1r** was changed to **Pf1anxiety1r2** to account for the revised Item Stem from "My child got scared really easy." to "My child got scared really easily."

### Fatigue:

- The Item ID **Pf4fatigue4r** was changed to **Pf4fatigue4r2** to account for the revised Response Scores from 1-2-3-4-5 to 1-2-3-4-4.