

**Table 7-9**  
**SNF Functional Outcome Measure: Change in Mobility Score for Skilled Nursing Facility Residents (NQF #2634) (CMS ID: S023.02)<sup>a</sup>**

Measure Description
This measure estimates the risk-adjusted mean change in mobility score between admission and discharge for Medicare Part A SNF Stays ( <a href="#">Type 1 SNF Stays</a> and <a href="#">Type 2 SNF Stays</a> ).
Measure Specifications <sup>b</sup>
<p>If a resident has multiple Medicare Part A SNF stays during the target 12 months, then all stays are included in this measure.</p> <p><b><i>Mobility items and Rating scale:</i></b></p> <p>The Mobility assessment items used for admission Mobility score calculations are:</p> <ul style="list-style-type: none"> <li>• GG0170A1. Roll left and right</li> <li>• GG0170B1. Sit to lying</li> <li>• GG0170C1. Lying to sitting on side of bed</li> <li>• GG0170D1. Sit to stand</li> <li>• GG0170E1. Chair/bed-to-chair transfer</li> <li>• GG0170F1. Toilet transfer</li> <li>• GG0170G1. Car transfer</li> <li>• GG0170I1. Walk 10 feet</li> <li>• GG0170J1. Walk 50 feet with two turns</li> <li>• GG0170K1. Walk 150 feet</li> <li>• GG0170L1. Walking 10 feet on uneven surfaces</li> <li>• GG0170M1. 1 step (curb)</li> <li>• GG0170N1. 4 steps</li> <li>• GG0170O1. 12 steps.</li> <li>• GG0170P1. Picking up object</li> </ul> <p>Valid codes and code definitions for the coding of the admission Mobility items are:</p> <ul style="list-style-type: none"> <li>• 06 – Independent</li> <li>• 05 – Setup or clean-up assistance</li> <li>• 04 – Supervision or touching assistance</li> <li>• 03 – Partial/moderate assistance</li> <li>• 02 – Substantial/maximal assistance</li> <li>• 01 – Dependent</li> <li>• 07 – Resident refused</li> <li>• 09 – Not applicable</li> <li>• 10 – Not attempted due to environmental limitations</li> <li>• 88 – Not attempted due to medical condition or safety concerns</li> <li>• ^ – Skip pattern: only valid for items GG0170J1 through GG0170L1; GG0170N1, GG0170O1</li> <li>• - – Not assessed/no information</li> </ul>

(continued)

**Table 7-9 (continued)**  
**SNF Functional Outcome Measure: Change in Mobility Score for Skilled Nursing Facility Residents (NQF #2634) (CMS ID: S023.02)<sup>a</sup>**

Measure Description
<p>To obtain the admission mobility score, use the following procedure</p> <ul style="list-style-type: none"> <li>• If code is between 01 and 06, then use code as the score</li> <li>• If code is 07, 09, 10, or 88, then recode to 01 and use this code as the score.</li> <li>• If the mobility item is skipped (^), dashed (-), or missing, recode to 01 and use this code as the score.</li> </ul> <p>Sum the scores of the admission mobility items to create an admission mobility score for each Medicare Part A SNF stay. Scores can range from 15 – 90, with a higher score indicating greater independence.</p> <p>The Mobility assessment items used for discharge Mobility score calculations are:</p> <ul style="list-style-type: none"> <li>• GG0170A3. Roll left and right</li> <li>• GG0170B3. Sit to lying</li> <li>• GG0170C3. Lying to sitting on side of bed</li> <li>• GG0170D3. Sit to stand</li> <li>• GG0170E3. Chair/bed-to-chair transfer</li> <li>• GG0170F3. Toilet transfer</li> <li>• GG0170G3. Car transfer</li> <li>• GG0170I3. Walk 10 feet</li> <li>• GG0170J3. Walk 50 feet with two turns</li> <li>• GG0170K3. Walk 150 feet</li> <li>• GG0170L3. Walking 10 feet on uneven surfaces</li> <li>• GG0170M3. 1 step (curb)</li> <li>• GG0170N3 4 steps</li> <li>• GG0170O3 12 steps</li> <li>• GG0170P3. Picking up object</li> </ul> <p>Valid codes and code definitions for the coding of the discharge Mobility items are:</p> <ul style="list-style-type: none"> <li>• 06 – Independent</li> <li>• 05 – Setup or clean-up assistance</li> <li>• 04 – Supervision or touching assistance</li> <li>• 03 – Partial/moderate assistance</li> <li>• 02 – Substantial/maximal assistance</li> <li>• 01 – Dependent</li> <li>• 07 – Resident refused</li> <li>• 09 – Not applicable</li> <li>• 10 – Not attempted due to environmental limitations</li> <li>• 88 – Not attempted due to medical condition or safety concerns</li> <li>• ^ – Skip pattern</li> <li>• – – Not assessed/no information</li> </ul>

(continued)

**Table 7-9 (continued)**  
**SNF Functional Outcome Measure: Change in Mobility Score for Skilled Nursing Facility Residents (NQF #2634) (CMS ID: S023.02)<sup>a</sup>**

Measure Description
<p>To obtain the discharge mobility score, use the following procedure:</p> <ul style="list-style-type: none"> <li>• If code is between 01 and 06, then use code as the score.</li> <li>• If code is 07, 09, 10, or 88, then recode to 01 and use this code as the score.</li> <li>• If the mobility item is skipped (^), dashed (-), or missing, recode to 01 and use this code as the score.</li> </ul> <p>Sum the scores of the discharge mobility items to create a discharge mobility score for each Medicare Part A SNF stay. Scores can range from 15 – 90, with a higher score indicating greater independence.</p> <p><b>Numerator</b></p> <p>The measure does not have a simple form for the numerator and denominator. This measure estimates the risk-adjusted change in mobility score between admission and discharge among Medicare Part A SNF stays, except those that meet the exclusion criteria. The change in mobility score is calculated as the difference between the discharge mobility score and the admission mobility score.</p> <p><b>Denominator</b></p> <p>The total number of Medicare Part A SNF stays (<a href="#">Type 1 SNF Stays</a> only), except those that meet the exclusion criteria.</p> <p><b>Exclusions</b></p> <p>Medicare Part A SNF Stays are excluded if:</p> <ol style="list-style-type: none"> <li>1. The Medicare Part A SNF Stay is an incomplete stay: Residents with incomplete stays (<i>incomplete = [1]</i>) are identified based on the following criteria using the specified data elements: <ol style="list-style-type: none"> <li>1. Unplanned discharge, which would include discharge against medical advice, indicated by A0310G (Type of Discharge) = 2 (Unplanned discharge) [as indicated on an OBRA Discharge (RFA: A0310F = [10, 11]) that has a discharge date (A2000) that is on the same day or the day after the End Date of Most Recent Medicare Stay (A2400C)]. OR</li> <li>2. Discharge to acute hospital, psychiatric hospital, long-term care hospital indicated by A2100 = [03, 04, 09]. [as indicated on an MDS Discharge (RFA: A0310F = [10, 11]) that has a discharge date (A2000) that is on the same day or the day after the End Date of Most Recent Medicare Stay (A2400C)]. OR</li> <li>3. SNF PPS Part A stay less than 3 days ((A2400C minus A2400B) &lt; 3 days) OR</li> <li>4. The resident died during the SNF stay (i.e., <a href="#">Type 2 SNF Stays</a>). Type 2 SNF Stays are SNF stays with a PPS 5-Day Assessment (A0310B = [01]) and a matched Death in Facility Tracking Record (A0310F = [12]).</li> </ol> </li> <li>2. The resident is independent on all mobility activities at the time of the admission (i.e., on the 5-Day PPS assessment): Items used to identify these resident records are as follows: Roll left and right (Item GG0170A1), Sit to lying (Item GG0170B1), Lying to sitting on side of bed (Item GG0170C1), Sit to stand (Item GG0170D1), Chair/bed-to-chair transfer (Item GG0170E1), Toilet transfer (Item GG0170F1), Car transfer (Item GG0170G1), Walk 10 feet (Item GG0170I1), Walk 50 feet with two turns (Item GG0170J1), Walk 150 feet (Item GG0170K1), Walking 10 feet on uneven surfaces (Item GG0170L1), 1 step (curb) (Item GG0170M1), 4 steps (Item GG0170N1), 12 steps (Item GG0170O1), Picking up object (GG0170P1). <ol style="list-style-type: none"> <li>a. All fifteen mobility items must = [6] on the 5-day PPS assessment for this exclusion to apply.</li> </ol> </li> <li>3. The resident has the following medical conditions at the time of the admission (i.e., on the 5-Day PPS assessment): <ol style="list-style-type: none"> <li>a. Coma, persistent vegetative state, complete tetraplegia, locked-in syndrome, severe anoxic brain damage, cerebral edema or compression of brain.</li> <li>b. The medical conditions are identified by: B0100 (Comatose) = 1 and ICD-10 codes (see <a href="#">Appendix A, Table A-4</a> and <a href="#">Table A-5</a>).</li> </ol> </li> </ol>

(continued)

**Table 7-9 (continued)**  
**SNF Functional Outcome Measure: Change in Mobility Score for Skilled Nursing Facility Residents (NQF #2634) (CMS ID: S023.02)<sup>a</sup>**

Measure Description
<ol style="list-style-type: none"> <li>4. The resident is younger than age 21:               <ol style="list-style-type: none"> <li>a. A1600 (Entry Date) – A0900 (Birth Date) is less than 21 years.</li> <li>b. Age is calculated in years based on the truncated difference between admission date (A1600) and birth date (A0900); i.e., the difference is not rounded to the nearest whole number</li> </ol> </li> <li>5. The resident is discharged to hospice or received hospice while a resident:               <ol style="list-style-type: none"> <li>a. A2100 (Discharge status) = [07] or O0100K2 (Hospice while a Resident) = [1].</li> </ol> </li> <li>6. The resident did not receive physical or occupational therapy services at the time of the admission (i.e., on the 5-Day PPS assessment):               <ol style="list-style-type: none"> <li>a. (Sum of O0400B1 + O0400B2 + O0400B3 = [0]) and (sum of O0400C1 + O0400C2 + O0400C3 = [0])</li> </ol> </li> </ol>
Covariates
<p><i>Data for each covariate are derived from the admission assessment included in the target Medicare Part A SNF stays.</i></p> <ol style="list-style-type: none"> <li>1. Age group</li> <li>2. Admission mobility score – continuous score</li> <li>3. Admission mobility score – squared form</li> <li>4. Primary medical condition category</li> <li>5. Interaction between primary medical condition category and admission mobility score</li> <li>6. Prior surgery</li> <li>7. Prior functioning: indoor mobility (ambulation)</li> <li>8. Prior functioning: stairs</li> <li>9. Prior functioning: functional cognition</li> <li>10. Prior mobility device use</li> <li>11. Stage 2 pressure ulcer</li> <li>12. Stage 3, 4, or unstageable pressure ulcer/injury</li> <li>13. Cognitive abilities</li> <li>14. Communication impairment</li> <li>15. Urinary Continence</li> <li>16. Bowel Continence</li> <li>17. Tube feeding or total parenteral nutrition</li> <li>18. History of falls</li> <li>19. Comorbidities</li> </ol> <p>See covariate details in <b>Appendix A, Table A-5</b> and the associated Risk-Adjustment Appendix File.</p>

<sup>a</sup> This measure is NQF-endorsed for use in the IRF setting (<https://www.qualityforum.org/QPS/2634>) and an application of this quality measure is finalized for reporting by IRFs under the IRF QRP (Federal Register 80 (6 August 2015): 47111-47117). Web. <https://www.gpo.gov/fdsys/pkg/FR-2015-08-06/pdf/2015-18973.pdf>

<sup>b</sup> The national average observed score is calculated using the Medicare Part A SNF stay as the unit of analysis.