Table 8-4

Changes in Skin Integrity Post-Acute Care: Pressure Ulcer/Injury (CMS ID: S038.02)

Measure Description
This measure reports the percentage of Medicare Part A SNF Stays with Stage 2-4 pressure ulcers, or unstageable pressure ulcers due to slough/eschar, non-removable dressing/device, or deep tissue injury, that are new or worsened since admission. The measure is calculated by reviewing a resident's MDS pressure ulcer discharge assessment data for reports of Stage 2-4 pressure ulcers, or unstageable pressure ulcers due to slough/eschar, non-removable dressing/device, or deep tissue injury, that were not present or were at a lesser stage at the time of admission.

Measure Specifications[a]

If a resident has multiple Medicare Part A SNF Stays during the target 12 months, then all stays are included in this measure.

Numerator
The numerator is the number of Medicare Part A SNF Stays (**Type 1 SNF Stays** only) in the denominator for which the discharge assessment indicates one or more new or worsened Stage 2-4 pressure ulcers, or unstageable pressure ulcers due to slough/eschar, non-removable dressing/device, or deep tissue injury, compared to admission.

1. Stage 2 (M0300B1) **-** (M0300B2) > 0, OR
2. Stage 3 (M0300C1) **-** (M0300C2) > 0, OR
3. Stage 4 (M0300D1) **-** (M0300D2) > 0, OR
4. Unstageable – Non-removable dressing/device (M0300E1) – (M0300E2) > 0, OR
5. Unstageable – Slough and/or eschar (M0300F1) – (M0300F2) > 0, OR
6. Unstageable – Deep tissue injury (M0300G1) – (M0300G2) > 0

Denominator
The denominator is the number of Medicare Part A SNF Stays (**Type 1 SNF Stays** only) in the selected time window for SNF residents ending during the selected time window, except those that meet the exclusion criteria.

Exclusions
Medicare Part A SNF Stays are excluded if:

1. Data on new or worsened Stage 2, 3, 4, and unstageable pressure ulcers, including deep tissue injuries, are missing [-] at discharge, i.e.:
   a. (M0300B1 = [-] or M0300B2 = [-]) and (M0300C1 = [-] or M0300C2 = [-]) and (M0300D1 = [-] or (M0300D2 = [-]) and (M0300E1 = [-] or M0300E2 = [-]) and (M0300F1 = [-] or M0300F2 = [-]) and (M0300G1 = [-] or M0300G2 = [-])

2. The resident died during the SNF stay (i.e., **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]).

(continued)

Covariates

1. Functional Mobility Admission Performance:
Coding of dependent or substantial/maximal assistance for the functional mobility item Lying to Sitting on Side of Bed at admission:
   a. Covariate = [1] (yes) if GG0170C1 = [01, 02, 07, 09, 10, 88] ([01] = Dependent, [02] =Substantial/maximal assistance, [07] = Resident refused, [09] = Not applicable, [10] = Not attempted due to environmental limitations, [88] = Not attempted due to medical condition or safety concerns)
   b. Covariate = [0] (no) if GG0170C1 = [03, 04, 05, 06, -] ([03] =Partial/moderate assistance, [04] =Supervision or touching assistance, [05] =Setup or clean-up assistance, [06] = Independent, [-] =No response available)
 	
2. Bowel Incontinence:
Bowel Continence (H0400) at admission
   a. Covariate = [1] (yes) if H0400 = [1, 2, 3] ([1] = Occasionally incontinent, [2] = Frequently incontinent, [3] = Always incontinent)
   b. Covariate = [0] (no) if H0400 = [0, 9, -] ([0] = Always continent, [9] = Not rated, [-] = Not assessed/no information)
 	
3. Peripheral Vascular Disease / Peripheral Arterial Disease or Diabetes Mellitus:
   a. Covariate = [1] (yes) if any of the following are true:
     i. Active Peripheral Vascular Disease (PVD) or Peripheral Arterial Disease (PAD) in the last 7 days (I0900 = [1] (checked))
     ii. Active Diabetes Mellitus (DM) in the last 7 days (I2900 = [1] (checked))
   b. Covariate = [0] (no) if I0900 = [0, -] AND I2900 = [0, -] ([0] = No, [-] = No response available)
 	
4. Low body mass index (BMI), based on height (K0200A) and weight (K0200B):
   a. Covariate = [1] (yes) if BMI $\geq$ [12.0] AND $\leq$ [19.0]
   b. Covariate = [0] (no) if BMI < [12.0] OR BMI > [19.0]
   c. Covariate = [0] (no) if K0200A = [0, 00, -] OR K0200B = [-] ([-] = not assessed/no information)
 	
Where: BMI = (weight * 703 / height^2) = ([K0200B] * 703) / (K0200A^2) and the resulting value is rounded to one decimal place[b].

[a] The national average observed score is calculated using the Medicare Part A SNF stay as the unit of analysis.

[b] To round off the percent value to one decimal place, if the digit in the second decimal place is greater than 5, add 1 to the digit in the first decimal place, otherwise leave the digit in the first decimal place unchanged. Drop all the digits following the digit in the first decimal place.