

APPENDIX A

SNAP SHOT DEFINITIONS OF NHQI QUALITY MEASURES

November 2004

Quality Measure	Numerator	Denominator	Exclusions	Covariates
POST ACUTE CARE QUALITY MEASURES: MDSs from 6 month time window & at least 20 cases to be reported				
Delirium	Any symptom of delirium: B5a through B5f = 2	All residents with 14-day PPS MDS, except those with exclusions	<ol style="list-style-type: none"> 1. Comatose (B1=1 or missing) 2. End-stage (J5c checked or missing) 3. Hospice (P1ao checked or missing) 4. QM not triggered and missing data on any delirium item (B5a - B5f) 	No prior residential history (AB5a - AB5e are <u>not</u> checked and AB5f is checked from admission assessment face sheet)
Pain (PAC)	Moderate pain at least daily (J2a=2 and J2b=2) OR excruciating pain at any frequency (J2b=3)	All residents with 14-day PPS MDS, except those with exclusions	<ol style="list-style-type: none"> 1. Missing or inconsistent data on J2a or J2b 	NA
Pressure Sores	Residents who either a. Develop a PU: [M2a=0 on 5-day and M2a=1,2,3,or 4 on 14-day] OR b. Whose PU stays the same or worsens between their 5-day and 14-day PPS MDS: [M2a=1,2,3,or 4 on 5-day AND M2a on 14-day > or = M2a on	All residents with a 5-day and 14-day PPS MDS, except those with exclusions	<ol style="list-style-type: none"> 1. Missing PU data (M2a) 	<ol style="list-style-type: none"> 1. Hx. of resolved PU (M3=1) 2. Limited or greater assistance with bed mobility [G1a(A)=2,3,4,or 8] 3. Bowel Incontinence (H1a=2,3,or 4) 4. Diabetes or peripheral vascular dx. (I1a or I1j checked) 5. Low BMI on 5-day (if >= 12

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	5-day]			and <= 19)
CHRONIC CARE QUALITY MEASURES: MDSs from 3 month time window & at least 30 cases to be reported				
ADL Decline	Residents with decline from prior to target MDS on ADLs when any two decline by at least 1 or any one declines by 2 or more: 1. Bed Mob G1a(A) 2. Transfer G1b(A) 3. Eating G1h(A) 4. Toileting G1i(A) <u>Note:</u> values of 8 are recoded to 4	All residents with target & prior MDS, except those with exclusions	1. All ADLs indicate total dependence (all = 4 or 8) 2. Comatose (B1 = 1 or missing) 3. End-stage disease (J5c checked or missing) 4. Hospice care (P1ao checked or missing) 5. QM not triggered and missing data on any of the four ADLs	NA
Bedfast	Residents who are bedfast (G6a is checked)	All residents with a target assessment, except those with exclusions	1. Admission assessments (AA8a = 01) 2. Bedfast missing (G6a) 3. Comatose (B1 = 1 or missing)	NA
Depressed or Anxious Worsening	Residents Mood Scale Score (MSS) increases from prior to target MDS assessment MSS counts the number of following 8 depression symptoms (scores range from 0 to 8): 1. Distress: E1a,1c,1e,1f,1g, or 1h >0 2. Crying/tearfulness: E1m>0	All residents with both target & prior MDS, except those with exclusions	1. The Mood Scale Score is missing data 2. The Mood Scale Score at maximum (value 8) on prior assessment 3. Comatose (B1=1 or missing)	NA

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	3. Motor agitation: E1n>0 4. Leaves food uneaten: K4c checked 5. Repetitive health complaints: E1h>0 6. Repetitive/recurrent verbalizations: E1a, 1c, or 1g > 0 7. Negative Statements: E1a, 1e, or 1f > 0 8. Mood symptoms not easily altered: E2 = 2			
Incontinence (Low Risk)	Residents who are incontinent of bowel (H1a=3 or 4) or bladder (H1b = 3 or 4)	All residents with target assessment and not qualifying as high risk, except those with exclusions	1. High risk residents: <ul style="list-style-type: none"> a. Severe cognitive impairment (B4 =3 & B2a =1) OR b. Totally dependent in mobility ADLs G1a(A), G1b(A), AND G1e(A) all = 4 or 8) 2. Admission assessment (AA8a = 01) 3. Comatose (B1 = 1 or missing) 4. Indwelling catheter (H3d checked or missing) 5. Ostomy (H3i checked or missing) 6. QM not triggered and missing data for H1a or H1b or any high risk items [B4 or B2a and G1a(A), G1b(A), or G1e(A)]	NA

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Indwelling Catheters	Residents with indwelling catheters (H3d is checked)	All residents with a target assessment, except those with exclusions	<ol style="list-style-type: none"> 1. Admission assessment (AA8a = 01) 2. Missing data on H3d 	<ol style="list-style-type: none"> 1. Bowel incontinence on prior MDS (H1a = 4) 2. Pressure sores on prior MDS (M2a = 3 or 4)
Mobility Decline	Residents locomotion self-performance declines from prior G1e(A) assessment to target assessment G1e(A))	All residents with a target & prior assessment, except those with exclusions	<ol style="list-style-type: none"> 1. Locomotion is totally dependent G1e(A) = 4 or 8 on prior assessment 2. Comatose (B1 = 1 or missing) 3. End-stage disease (J5c checked or missing) 4. Hospice care (P1ao checked or missing) 5. Missing data on G1e(A) 	<ol style="list-style-type: none"> 1. Recent falls (J4a or J4b checked) 2. Eating assistance [G1h(A) = 3, 4, or 8] 3. Toileting assistance [G1i(A) = 3, 4, or 8]
Pain (CC)	Residents with moderate daily pain (J2a = 2 AND J2b = 2) OR excruciating pain at any frequency (J2b = 3)	All residents with target assessment, except those with exclusions	<ol style="list-style-type: none"> 1. Admission assessment (AA8a = 01) 2. Missing or inconsistent data for pain (J2a or J2b) 	Independence or modified independence in daily decision making on prior MDS B4 = 0 or 1
Physical Restraints	Residents with daily physical restraints P4c, P4d or P4e = 2	All residents with target assessment, except those with exclusions	<ol style="list-style-type: none"> 1. Admission assessment (AA8a = 01) 2. QM not triggered and missing data on any restraints item (P4c, P4d, or P4e missing) 	NA

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<p>High Risk Pressure Sores</p>	<p>Residents with pressure sores (Stage 1-4) [M2a > 0 or I3a-e =707.0]</p>	<p>All residents at high risk with target assessment, except those with exclusions</p>	<ol style="list-style-type: none"> 1. Admission assessment (AA8a = 01) 2. QM not triggered and missing pressure ulcer data (M2a is missing) 3. Missing data for high risk stratification data <ol style="list-style-type: none"> a. Mobility or transfer [G1a(A) or G1b(A) missing] b. Comatose (B1 missing) 	<p>Covariates: NA NOTE: This measure is stratified into high and low risk.</p> <p>High Risk defined as residents with any of following:</p> <ol style="list-style-type: none"> a. Impaired transfer or bed mobility G1a(A) or G1b(A) = 3, 4, or 8 b. Comatose (B1 = 1) c. Malnutrition on I3a-e = 260, 261, 262, 263.0, 263.1, 263.2, 263.8, or 263.9
<p>Low Risk Pressure Sores</p>	<p>Residents with pressure sores (Stage 1-4) [M2a > 0 or I3a-e =707.0]</p>	<p>All residents with target assessment, who are NOT high risk and do not have any exclusions</p>	<ol style="list-style-type: none"> 1. Admission assessment (AA8a = 01) 2. QM not triggered and missing pressure ulcer data (M2a is missing) 3. Residents who are High Risk (i.e., have any of the following conditions): <ol style="list-style-type: none"> a. Impaired transfer or bed mobility G1a(A) or G1b(A) = 3, 4, or 8 b. Comatose (B1 = 1) c. Malnutrition on I3a-e = 260, 	<p>Covariates: NA NOTE: This measure is stratified into high and low risk.</p> <p>Low Risk defined as any resident who is <u>not</u> High Risk (see above).</p>

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			261, 262, 263.0, 263.1, 263.2, 263.8, or 263.9 4. Missing data for High Risk stratification data c. Mobility or transfer [G1a(A) or G1b(A) missing] d. Comatose (B1 missing)	
Urinary Tract Infections	Residents with urinary tract infection (I2j = checked)	All residents with a target assessment, except those with exclusions	1. Admission assessment (AA8a = 01) 2. Missing data for UTI (I2j is missing)	NA
Weight Loss	Residents who lose too much weight (K3a = 1)	All residents with a target assessment, except those with exclusions	3. Admission assessment (AA8a = 01) 4. Missing data for weight loss (K3a is missing) 5. Resident is receiving hospice care (P1ao = checked) or hospice status is unknown (P1ao is missing)	NA