

CHRONIC QUALITY INDICATOR/QUALITY MEASURE DEFINITIONS

QI/QM Version #: 1.0

MDS 2.0 Form Type: QUARTERLY ASSESSMENT FORM-TWO PAGE

Revised: 03/06

DOMAIN: ACCIDENTS		
TITLE	DESCRIPTION	RISK ADJUSTMENT
1.1 Incidence of new fractures	<p>Numerator: Residents with new fractures on most recent assessment. Residents satisfying any of the following conditions:</p> <ol style="list-style-type: none"> 1. New hip fracture (J4c is checked on the most recent assessment and J4c is not checked on the previous assessment) 2. Other new fracture (J4d is checked on the most recent assessment and J4d is not checked on the previous assessment) <p>Denominator: Residents who did not have fractures on the previous assessment. Residents satisfying all of the following conditions on the previous assessment:</p> <ol style="list-style-type: none"> 1. Existing hip fracture (J4c is not checked) 2. Other existing fracture (J4d is not checked) <p>Exclusions: Residents satisfying the following condition:</p> <ol style="list-style-type: none"> 1. The QI/QM did not trigger and J4c or J4d has missing data on either the most recent or previous assessment 	None
1.2 Prevalence of falls	<p>Numerator: Residents with falls on most recent assessment. Residents satisfying the following condition on the most recent assessment:</p> <ol style="list-style-type: none"> 1. Fall within past 30 days (J4a is checked) <p>Denominator: All residents on most recent assessment.</p> <p>Exclusions: Residents satisfying any of the following conditions on the most recent assessment:</p> <ol style="list-style-type: none"> 1. Admission assessment (AA8a = 01) 2. J4a has missing data 	None

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DOMAIN: BEHAVIOR/EMOTIONAL PATTERNS		
TITLE	DESCRIPTION	RISK ADJUSTMENT
2.1 Residents who have become more depressed or anxious	<p>Numerator:</p> <p>Residents whose Mood Scale scores are greater on the most recent assessment relative to the prior assessment.</p> <p>Residents satisfying the following condition:</p> <ol style="list-style-type: none"> 1. Mood Scale score on the most recent assessment > Mood Scale score on the previous assessment (see Glossary for definition) <p>Denominator:</p> <p>All residents on the most recent assessment and prior assessment, except those noted in the exclusions.</p> <p>Exclusions:</p> <p>Residents satisfying any of the following conditions:</p> <ol style="list-style-type: none"> 1. Mood Scale score is missing on the most recent assessment 2. Mood Scale score is missing on the previous assessment and the Mood Scale score indicates symptoms present on the most recent assessment (Mood Scale > 0) 3. Mood Scale score is at a maximum on the previous assessment (Mood Scale = 8) 4. Comatose (B1 = 1) or comatose status is unknown (B1 = missing) on the most recent assessment 	None
2.2 Prevalence of behavioral symptoms affecting others	<p>Numerator:</p> <p>Residents with behavioral symptoms affecting others on most recent assessment.</p> <p>Residents satisfying any of the following conditions on the most recent assessment:</p> <ol style="list-style-type: none"> 1. Verbally abusive (E4bA > 0) 2. Physically abusive (E4cA > 0) 3. Socially inappropriate/disruptive behavior (E4dA > 0) <p>Denominator:</p> <p>All residents on most recent assessment.</p>	<p>High Risk:</p> <p>Residents satisfying any of the following conditions on the most recent assessment:</p> <ol style="list-style-type: none"> 1. Presence of Cognitive Impairment (see Glossary for definition) 2. Psychotic disorders* (I3a-I3e = ICD-9 295.00-295.99, 297..00-298.99 or I1gg schizophrenia is checked) 3. Manic-depressive* (I3a-I3e = ICD-9 296.00-296.99 or I1ff is checked)

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TITLE	DESCRIPTION	RISK ADJUSTMENT
	<p>Exclusions:</p> <p>Residents satisfying any of the following conditions on the most recent assessment:</p> <ol style="list-style-type: none"> 1. Admission assessment (AA8a = 01) 2. The QI/QM did not trigger and E4bA, E4cA, or E4dA has missing data 3. Not high risk and B2a, B4, I1ff or I1gg has missing data (not used for overall measure) 	<p>Low Risk:</p> <p>All residents that are not high risk</p> <p>*When the most recent assessment is a quarterly assessment, we will "carry forward" information about psychotic disorders and manic depression from the most recent full assessment.</p>
2.3 Prevalence of symptoms of depression without antidepressant therapy	<p>Numerator:</p> <p>Residents with symptoms of depression on most recent assessment and no antidepressant therapy.</p> <p>Residents satisfying all of the following conditions on the most recent assessment:</p> <ol style="list-style-type: none"> 1. Symptoms of Depression (see Glossary for definition) 2. No antidepressant therapy (O4c = 0) <p>Denominator:</p> <p>All residents on most recent assessment.</p> <p>Exclusions:</p> <p>Residents satisfying any of the following conditions on the most recent assessment:</p> <ol style="list-style-type: none"> 1. Admission assessment (AA8a = 01) 2. The QI/QM did not trigger and B1, E1a, E1g, E1j, E1n, E1o, E1p, E2, E4eA, K3a, N1a, N1b, N1c, N1d, or O4c has missing data and the QI/QM could have triggered if there had been no missing data 	None

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DOMAIN: CLINICAL MANAGEMENT		
TITLE	DESCRIPTION	RISK ADJUSTMENT
3.1 Use of 9 or more different medications	<p>Numerator: Residents who received 9 or more different medications on most recent assessment. Residents satisfying the following condition on the most recent assessment:</p> <ol style="list-style-type: none"> 1. Received 9 or more different medications (O1 >= 9) <p>Denominator: All residents on most recent assessment.</p> <p>Exclusions: Residents satisfying any of the following conditions on the most recent assessment:</p> <ol style="list-style-type: none"> 1. Admission assessment (AA8a = 01) 2. O1 has missing data 	None

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DOMAIN: COGNITIVE PATTERNS		
TITLE	DESCRIPTION	RISK ADJUSTMENT
4.1 Incidence of cognitive impairment	<p>Numerator: Residents who were newly cognitively impaired on most recent assessment. Residents satisfying all of the following condition on the most recent assessment:</p> <ol style="list-style-type: none"> 1. Impairment in daily decision making ability (B4 >0) 2. Short term memory problems (B2a = 1) <p>Denominator: Residents who were not cognitively impaired on previous assessment.</p> <p>Exclusions: Residents satisfying the following condition:</p> <ol style="list-style-type: none"> 1. The QI/QM did not trigger and B4 or B2a has missing data on either the most recent or previous assessment 	None

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DOMAIN: ELIMINATION/INCONTINENCE		
TITLE	DESCRIPTION	RISK ADJUSTMENT
5.1 Low-risk residents who lost control of their bowels or bladder	<p>Numerator: Residents who were frequently incontinent or incontinent on most recent assessment. Residents satisfying any of the following conditions on the most recent assessment:</p> <ol style="list-style-type: none"> 1. Bowel incontinence (H1a = 3 or 4) 2. Bladder incontinence (H1b = 3 or 4) <p>Denominator: All residents, except as noted in the exclusions.</p> <p>Exclusions: Residents satisfying any of the following conditions:</p> <ol style="list-style-type: none"> 1. High Risk -Residents satisfying any of the following conditions on the most recent assessment: <ol style="list-style-type: none"> a. Severe cognitive impairment (see Glossary for definition) b. Totally dependent in mobility ADLs (G1aA = 4 or 8 and G1bA = 4 or 8 and G1eA = 4 or 8) 2. Other exclusions <ol style="list-style-type: none"> a. Admission assessment (AA8a = 01) b. The QI/QM did not trigger and H1a or H1b has missing data c. Comatose (B1 = 1) or comatose status is unknown (B1 is missing) d. Indwelling catheter (H3d is checked) or indwelling catheter status is unknown (H3d is missing) e. Ostomy (H3i is checked) or ostomy status is unknown (H3i is missing) f. Not high risk and either of the cognitive impairment items (B2a or B4) have missing data g. Not high risk and any of the mobility ADLs (G1aA, G1bA, or G1eA) have missing data 	None

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DOMAIN: ELIMINATION/INCONTINENCE		
TITLE	DESCRIPTION	RISK ADJUSTMENT
5.2 Residents who have/had a catheter inserted and left in their bladder	<p>Numerator: Indwelling catheter on most recent assessment. Residents satisfying the following condition on the most recent assessment:</p> <ol style="list-style-type: none"> 1. Indwelling catheter (H3d is checked) <p>Denominator: All residents on most recent assessment.</p> <p>Exclusions: Residents satisfying any of the following conditions on the most recent assessment:</p> <ol style="list-style-type: none"> 1. Admission assessment (AA8a = 01) 2. H3d has missing data 	<p>High Risk: Residents satisfying any of the following conditions on the previous assessment:</p> <ol style="list-style-type: none"> 1. Bowel incontinence all or almost all of the time (H1a = 4) 2. Stage 3 or 4 pressure sores (M2a = 3 or 4) <p>Low Risk: All residents that are not high risk</p>
5.3 Prevalence of occasional or frequent Bladder or Bowel Incontinence without a Toileting Plan	<p>Numerator: Residents without toileting plan on most recent assessment. Residents satisfying all of the following conditions on the most recent assessment:</p> <ol style="list-style-type: none"> 1. No scheduled toileting plan (H3a is not checked) 2. No bladder retraining program (H3b is not checked) 3. Residents satisfying any of the following conditions: <ol style="list-style-type: none"> a. Occasional or frequent bladder incontinence (H1b = 2 or 3) b. Occasional or frequent bowel incontinence (H1a = 2 or 3) <p>Denominator: Residents with frequent incontinence or occasionally incontinent in either bladder or bowel on most recent assessment. Residents satisfying any of the following conditions on the most recent assessment:</p> <ol style="list-style-type: none"> 1. Occasional or frequent bladder incontinence (H1b = 2 or 3) 2. Occasional or frequent bowel incontinence (H1a = 2 or 3) 	None

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DOMAIN: ELIMINATION/INCONTINENCE		
TITLE	DESCRIPTION	RISK ADJUSTMENT
	<p>Exclusions:</p> <p>Resident satisfying any of the following conditions on the most recent assessment:</p> <ol style="list-style-type: none"> 1. Admission assessment (AA8a = 01) 2. The QI/QM did not trigger and H3a, H3b, H1a, or H1b has missing data 	
5.4 Prevalence of Fecal Impaction	<p>Numerator:</p> <p>Residents with fecal impaction on most recent assessment.</p> <p>Residents satisfying the following condition on the most recent assessment:</p> <ol style="list-style-type: none"> 1. Fecal impaction (H2d is checked) <p>Denominator:</p> <p>All residents on most recent assessment.</p> <p>Exclusions:</p> <p>Residents satisfying any of the following conditions on the most recent assessment:</p> <ol style="list-style-type: none"> 1. Admission assessment (AA8a = 01) 2. H2d has missing data 	None

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DOMAIN: INFECTION CONTROL		
TITLE	DESCRIPTION	RISK ADJUSTMENT
6.1 Residents with a urinary tract infection	<p>Numerator: Residents with urinary tract infections on most recent assessment. Residents satisfying the following condition on the most recent assessment:</p> <ol style="list-style-type: none"> 1. Urinary tract infection (I2j is checked) <p>Denominator: All residents on most recent assessment.</p> <p>Exclusions: Residents satisfying any of the following conditions on the most recent assessment:</p> <ol style="list-style-type: none"> 1. Admission assessment (AA8a = 01) 2. I2j has missing data 	None

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DOMAIN: NUTRITION/EATING		
TITLE	DESCRIPTION	RISK ADJUSTMENT
7.1 Residents who lose too much weight	<p>Numerator: Proportion of residents with weight loss of 5% or more in the last 30 days or 10% or more in the last 6 months on most recent assessment.</p> <p>Residents satisfying the following condition on the most recent assessment:</p> <ol style="list-style-type: none"> 1. Weight loss (K3a = 1) <p>Denominator: All residents on most recent assessment.</p> <p>Exclusions: Residents satisfying any of the following conditions on the most recent assessment:</p> <ol style="list-style-type: none"> 1. Admission assessment (AA8a = 01) 2. K3a has missing data 3. Receiving hospice care (P1ao is checked) or hospice status is unknown (P1ao is missing) on the most recent or most recent full* assessment. <p>* When the most recent assessment is a quarterly assessment, we will "carry forward" information about hospice care from the most recent full assessment.</p>	None
7.2 Prevalence of tube feeding	<p>Numerator: Residents with tube feeding on most recent assessment.</p> <p>Residents satisfying the following condition on the most recent assessment:</p> <ol style="list-style-type: none"> 1. Feeding tube (K5b is checked) <p>Denominator: All residents on most recent assessment.</p> <p>Exclusions: Residents satisfying any of the following conditions on the most recent assessment:</p> <ol style="list-style-type: none"> 1. Admission assessment (AA8a = 01) 2. K5b has missing data 	None

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TITLE	DESCRIPTION	RISK ADJUSTMENT
7.3 Prevalence of dehydration	<p>Numerator: Residents with dehydration. Residents satisfying the following condition on the most recent assessment:</p> <ol style="list-style-type: none"> 1. Dehydration - output exceeds input (J1c is checked or I3a-I3e = ICD-9 276.50 – 276.52) <p>Denominator: All residents on most recent assessment.</p> <p>Exclusions: Residents satisfying any of the following conditions on the most recent assessment:</p> <ol style="list-style-type: none"> 1. Admission assessment (AA8a = 01) 2. J1c has missing data 	None

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DOMAIN: PAIN MANAGEMENT		
TITLE	DESCRIPTION	RISK ADJUSTMENT
8.1 Residents who have moderate to severe pain	<p>Numerator:</p> <p>Residents with moderate pain at least daily or excruciating pain at any frequency on the most recent assessment.</p> <p>Residents satisfying any of the following conditions on the most recent assessment:</p> <ol style="list-style-type: none"> 1. Moderate pain at least daily (J2a = 2 and J2b = 2) 2. Horrible/excruciating pain (J2b = 3) <p>Denominator:</p> <p>All residents on most recent assessment.</p> <p>Exclusions:</p> <p>Residents satisfying any of the following conditions on the most recent assessment:</p> <ol style="list-style-type: none"> 1. Admission assessment (AA8a = 01) 2. J2a or J2b has missing data 3. The values of J2a and J2b are inconsistent (J2a = 0 and J2b is not blank OR J2a > 0 and J2b is blank) 	<p>High Risk:</p> <p>Residents satisfying any of the following conditions on the previous assessment:</p> <ol style="list-style-type: none"> 1. Independent in daily decision making (B4 = 0) 2. Modified independence in daily decision making (B4 = 1) <p>Low Risk:</p> <p>All residents that are not high risk</p>

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DOMAIN: PHYSICAL FUNCTIONING																				
TITLE	DESCRIPTION	RISK ADJUSTMENT																		
9.1 Residents whose need for help with daily activities has increased	<p>Numerator:</p> <p>Residents with worsening in Late-Loss ADL self performance on the most recent assessment relative to the previous assessment</p> <p>Residents satisfying any of the following conditions:</p> <ol style="list-style-type: none"> At least a one level decline in two or more of the following: bed mobility (G1aA), Transfer (G1bA), Eating (G1hA), or Toileting (G1iA) <table style="margin-left: 40px;"> <tr> <td style="text-align: center;"><u>Previous Assessment</u></td> <td style="text-align: center;"><u>Most Recent Assessment</u></td> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">1, 2, 3, or 4</td> </tr> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">2, 3, or 4</td> </tr> <tr> <td style="text-align: center;">2</td> <td style="text-align: center;">3 or 4</td> </tr> <tr> <td style="text-align: center;">3</td> <td style="text-align: center;">4</td> </tr> </table> <ol style="list-style-type: none"> At least a two level decline in one or more of the following: bed mobility (G1aA), Transfer (G1bA), Eating (G1hA), or Toileting (G1iA) <table style="margin-left: 40px;"> <tr> <td style="text-align: center;"><u>Previous Assessment</u></td> <td style="text-align: center;"><u>Most Recent Assessment</u></td> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">2, 3, or 4</td> </tr> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">3 or 4</td> </tr> <tr> <td style="text-align: center;">2</td> <td style="text-align: center;">4</td> </tr> </table> <p>Denominator:</p> <p>All residents with a most recent and previous assessment</p> <p>Exclusions:</p> <p>Residents satisfying any of the following conditions:</p> <ol style="list-style-type: none"> None of the four Late-Loss ADLs (G1aA, G1bA, G1hA, G1iA) can show decline 	<u>Previous Assessment</u>	<u>Most Recent Assessment</u>	0	1, 2, 3, or 4	1	2, 3, or 4	2	3 or 4	3	4	<u>Previous Assessment</u>	<u>Most Recent Assessment</u>	0	2, 3, or 4	1	3 or 4	2	4	None
<u>Previous Assessment</u>	<u>Most Recent Assessment</u>																			
0	1, 2, 3, or 4																			
1	2, 3, or 4																			
2	3 or 4																			
3	4																			
<u>Previous Assessment</u>	<u>Most Recent Assessment</u>																			
0	2, 3, or 4																			
1	3 or 4																			
2	4																			

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	<p>because each of the four have a value of 4 (total dependence) or a value of 8 (activity did not occur) on the previous assessment</p> <ol style="list-style-type: none"> 2. The QI/QM did not trigger and G1aA, G1bA, G1hA, or G1iA has missing data on either the most recent or previous assessment 3. Comatose (B1 = 1) or comatose status is unknown (B1 is missing) on the most recent assessment 4. End-stage disease (J5c is checked) or end-stage disease is unknown (J5c is missing) on the most recent assessment 5. Receiving hospice care (P1ao is checked) or hospice status is unknown (P1ao is missing) on the most recent or most recent full* assessment <p>* When the most recent assessment is a quarterly assessment, we will "carry forward" information about hospice care from the most recent full assessment.</p>	
9.2 Residents who spend most of their time in bed or chair	<p>Numerator:</p> <p>Residents who are bedfast on most recent assessment.</p> <p>Residents satisfying the following condition on the most recent assessment:</p> <ol style="list-style-type: none"> 1. Bedfast (G6a is checked) <p>Denominator:</p> <p>All residents on most recent assessment, except as noted.</p> <p>Exclusions:</p> <p>Residents satisfying any of the following conditions on the most recent assessment:</p> <ol style="list-style-type: none"> 1. Admission assessment (AA8a = 01) 2. G6a has missing data 3. Comatose (B1 = 1) or comatose status is unknown (B1 is missing) 	None

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TITLE	DESCRIPTION	RISK ADJUSTMENT
<p>9.3 Residents whose ability to move in and around their room got worse</p>	<p>Numerator:</p> <p>Residents whose value for locomotion self-performance is greater at most recent assessment relative to the prior assessment.</p> <p>Residents satisfying the following condition:</p> <ol style="list-style-type: none"> 1. Locomotion in Unit has diminished (G1eA on most recent assessment > G1eA on previous assessment) <p>Denominator:</p> <p>All residents with a most recent assessment</p> <p>Exclusions:</p> <p>Residents satisfying any of the following conditions:</p> <ol style="list-style-type: none"> 1. G1eA has missing data on the most recent assessment 2. G1eA has missing data on the previous assessment and G1eA > 0 on the most recent assessment 3. G1eA = 4 (total dependence) or 8 (activity did not occur) on the previous assessment 4. Comatose (B1 = 1) or comatose status is unknown (B1 is missing) on the most recent assessment 5. End-stage disease (J5c is checked) or end-stage disease status is unknown (J5c is missing) on the most recent assessment 6. Receiving hospice care (P1ao is checked) or hospice care status is unknown (P1ao is missing) on the most recent or most recent full* assessment <p>*When the most recent assessment is a quarterly assessment, we will "carry forward" information about hospice care from the most recent full assessment.</p>	<p>High Risk:</p> <p>Residents satisfying any of the following conditions on the previous assessment:</p> <ol style="list-style-type: none"> 1. Recent falls (J4a or J4b is checked) 2. Extensive support or more dependence in eating (G1hA = 3, 4, or 8) 3. Extensive support or more dependence in toileting (G1iA = 3, 4, or 8) <p>Low Risk:</p> <p>All residents that are not high risk.</p>

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TITLE	DESCRIPTION	RISK ADJUSTMENT
9.4 Incidence of decline in ROM	<p>Numerator: Residents with increases in functional limitation in ROM between previous and most recent assessments.</p> <p>Residents satisfying the following condition:</p> <ol style="list-style-type: none"> 1. Functional limitation on the most recent assessment is greater than the functional limitation on the previous assessment ([SUM G4aA-G4fA] on most recent assessment > [SUM G4aA-G4fA] on previous assessment) <p>Denominator: All residents with a most recent and previous assessment</p> <p>Exclusions: Residents satisfying any of the following conditions:</p> <ol style="list-style-type: none"> 1. Maximal loss of ROM on the previous assessment ([SUM G4aA-G4fA] = 12 on previous assessment) 2. G4aA, G4bA, G4cA, G4dA, G4eA, or G4fA has missing data on either the most recent or previous assessment 	None

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DOMAIN: PSYCHOTROPIC DRUG USE		
TITLE	DESCRIPTION	RISK ADJUSTMENT
10.1 Prevalence of antipsychotic use, in the absence of psychotic and related conditions	<p>Numerator: Residents satisfying the following condition on the most recent assessment: Antipsychotics (O4a >= 1)</p> <p>Denominator: All residents on most recent assessment, except those with psychotic or related conditions</p> <p>Exclusions: Residents satisfying any of the following conditions on the most recent assessment:</p> <ol style="list-style-type: none"> 1. Admission assessment (AA8a = 01) 2. Has one or more of the following psychotic or related conditions* <ol style="list-style-type: none"> a. I3a - I3e ICD-9 = 295.00 - 295.99 or 297.00-298.99 b. Schizophrenia (I1gg is checked) c. Tourette's (I3a-I3e ICD-9 = 307.23) d. Huntington's (I3a-I3e ICD-9 = 333.4 or 333.40) e. Hallucinations (J1i is checked) 3. The QI/QM does not trigger and O4a, I1gg, or J1i has missing data 4. Not high risk and B2a, B4, E4ba, E4cA or E4dA has missing data and high risk could have resulted if there had been no missing data (not used for overall measure) <p>*When the most recent assessment is a quarterly assessment, we will "carry forward" information about psychotic disorders, Tourette's, and Huntington's from the most recent full assessment.</p>	<p>High Risk: Residents satisfying all of the following conditions on the most recent assessment:</p> <ol style="list-style-type: none"> 1. Presence of Cognitive Impairment (see Glossary for definition) 2. Behavioral Problems (see Glossary for definition) <p>Low Risk: All residents that are not high risk</p>
10.2 Prevalence of antianxiety/hypnotic use	<p>Numerator: Residents who received antianxiety or hypnotics on most recent assessment.</p> <p>Residents satisfying any of the following conditions on the most recent assessment:</p> <ol style="list-style-type: none"> 1. Antianxiety medications (O4b >= 1) 2. Hypnotics (O4d >= 1) 	None

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DOMAIN: PSYCHOTROPIC DRUG USE		
TITLE	DESCRIPTION	RISK ADJUSTMENT
	<p>Denominator: All residents on most recent assessment, except those with psychotic or related conditions (see exclusions).</p> <p>Exclusions: Residents satisfying any of the following conditions on the most recent assessment:</p> <ol style="list-style-type: none"> 1. Admission assessment (AA8a = 01) 2. Has one or more of the following psychotic or related conditions* <ol style="list-style-type: none"> a. I3a - I3e ICD-9 = 295.00 - 295.99 or 297.00-298.99 b. Schizophrenia (I1gg is checked) c. Tourette's (I3a-I3e ICD-9 = 307.23) d. Huntington's (I3a-I3e ICD-9 = 333.4 or 333.40) 3. Hallucinations (J1i is checked) 4. The QI/QM does not trigger and O4b, O4d, I1gg, or J1i has missing data <p>*When the most recent assessment is a quarterly assessment, we will "carry forward" information about psychotic disorders, Tourette's, and Huntington's from the most recent full assessment.</p>	
10.3 Prevalence of hypnotic use more than two times in last week	<p>Numerator: Residents who received hypnotics more than 2 times in last week on most recent assessment.</p> <p>Residents satisfying the following condition on the most recent assessment:</p> <ol style="list-style-type: none"> 1. Hypnotic drug use more than 2 of the last 7 days (O4d > 2) <p>Denominator: All residents on most recent assessment.</p> <p>Exclusions: Residents satisfying any of the following conditions on the most recent assessment:</p> <ol style="list-style-type: none"> 1. Admission assessment (AA8a = 01) 2. O4d has missing data 	None

CHRONIC QUALITY INDICATOR/QUALITY MEASURE DEFINITIONS

QI/QM Version #: 1.0

MDS 2.0 Form Type: QUARTERLY ASSESSMENT FORM-TWO PAGE

Revised: 03/06

DOMAIN: QUALITY OF LIFE		
TITLE	DESCRIPTION	RISK ADJUSTMENT
11.1 Residents who were physically restrained	<p>Numerator: Residents who were physically restrained daily on most recent assessment. Residents satisfying the following condition on the most recent assessment:</p> <ol style="list-style-type: none"> 1. Daily physical restraints (P4c, P4d, or P4e = 2) <p>Denominator: All residents on most recent assessment.</p> <p>Exclusions: Residents satisfying any of the following conditions on the most recent assessment:</p> <ol style="list-style-type: none"> 1. Admission assessment (AA8a = 01) 2. The QI/QM did not trigger and P4c, P4d, or P4e have missing data 	None
11.2 Prevalence of little or no activity	<p>Numerator: Residents with little or no activity on most recent assessment. Residents satisfying the following condition on the most recent assessment:</p> <ol style="list-style-type: none"> 1. Little or no activity (N2 = 2 or 3) <p>Denominator: All residents with a most recent assessment</p> <p>Exclusions: Residents satisfying any of the following conditions on the most recent assessment:</p> <ol style="list-style-type: none"> 1. Admission assessment (AA8a = 01) 2. Comatose (B1 = 1) or comatose status is unknown (B1 is missing) 3. N2 has missing data 	None

CHRONIC QUALITY INDICATOR/QUALITY MEASURE DEFINITIONS

QI/QM Version #: 1.0

MDS 2.0 Form Type: QUARTERLY ASSESSMENT FORM-TWO PAGE

Revised: 03/06

DOMAIN: SKIN CARE		
TITLE	DESCRIPTION	RISK ADJUSTMENT
12.1 & 12.2 Residents with pressure ulcers	<p>Numerator: Residents with pressure ulcers (Stage 1-4) on most recent assessment. Residents satisfying the following condition on the most recent assessment:</p> <ol style="list-style-type: none"> 1. Pressure ulcer (M2a > 0 or I3a-I3e = ICD-9 707.00-707.09) <p>Denominator: All residents on most recent assessment.</p> <p>Exclusions: Residents satisfying any of the following conditions on the most recent assessment:</p> <ol style="list-style-type: none"> 1. Admission assessment (AA8a = 01) 2. The QI/QM did not trigger and M2a has missing data 3. Not high risk and G1aA, G1bA, or B1 has missing data (not used in overall measure) 	<p>High Risk: Residents satisfying any of the following conditions on the most recent assessment:</p> <ol style="list-style-type: none"> 1. Impaired in bed mobility or transfer (G1aA or G1bA = 3, 4, or 8) 2. Comatose (B1 = 1) 3. Suffer malnutrition (I3a-I3e ICD-9 = 260, 261, 262, 263.0, 263.1, 263.2, 263.8, or 263.9) <p>Low Risk: All residents that are not high risk</p>

POST ACUTE QUALITY INDICATOR/QUALITY MEASURE DEFINITIONS

QI/QM Version #: 1.0

MDS 2.0 Form Type: **MEDICARE PPS ASSESSMENT FORM**

Revised: 03/06

DOMAIN: BEHAVIOR/EMOTIONAL PATTERNS		
TITLE	DESCRIPTION	RISK ADJUSTMENT
13.1 Short-stay residents with delirium	<p>Numerator: Short-stay residents at SNF PPS 14-day assessment with at least one symptom of delirium that represents a departure from usual functioning.</p> <p>Residents satisfying the following condition on the SNF PPS 14-day assessment:</p> <ol style="list-style-type: none"> 1. At least one symptom of delirium that represents a departure from usual functioning (B5a, B5b, B5c, B5d, B5e, or B5f = 2) <p>Denominator: All residents with a valid SNF PPS 14-day assessment, except those noted in the exclusions.</p> <p>Exclusions: Residents satisfying any of the following conditions on the SNF PPS 14-day assessment:</p> <ol style="list-style-type: none"> 1. Comatose (B1 = 1) or comatose status is unknown (B1 is missing) 2. End-stage disease (J5c is checked) or end-stage disease in unknown (J5c is missing) 3. Receiving hospice care (P1ao is checked) or hospice care status is unknown (P1ao is missing) 4. The QI/QM did not trigger and B5a, B5b, B5c, B5d, B5e, or B5f has missing data 	<p>High Risk: Residents satisfying all of the following conditions on a recent assessment:</p> <ol style="list-style-type: none"> 1. Admission assessment (AA8a = 01) 2. No prior residential history (AB5a-e = 0 and AB5f = 1) <p>Low Risk: All residents that are not high risk</p>



POST ACUTE QUALITY INDICATOR/QUALITY MEASURE DEFINITIONS

QI/QM Version #: 1.0

MDS 2.0 Form Type: **MEDICARE PPS ASSESSMENT FORM**

Revised: 03/06

DOMAIN: PAIN MANAGEMENT		
TITLE	DESCRIPTION	RISK ADJUSTMENT
13.2 Short-stay of residents who had moderate or severe pain	<p>Numerator:</p> <p>Short-stay residents at SNF PPS 14-day assessment with moderate pain at least daily OR horrible/excruciating pain at any frequency.</p> <p>Residents satisfying any of the following conditions on the SNF PPS 14-day assessment:</p> <ol style="list-style-type: none"> 1. Moderate pain daily (J2a = 2 and J2b = 2) 2. Horrible/excruciating pain at any frequency (J2b = 3) <p>Denominator:</p> <p>All residents with valid SNF PPS 14-day assessment.</p> <p>Exclusions:</p> <p>Residents satisfying any of the following conditions on the SNF PPS 14-day assessment:</p> <ol style="list-style-type: none"> 1. J2a or J2b has missing data 2. The values of J2a and J2b are inconsistent (J2a = 0 and J2b is not blank OR J2a > 0 and J2b is blank) 	None

POST ACUTE QUALITY INDICATOR/QUALITY MEASURE DEFINITIONS

QI/QM Version #: 1.0

MDS 2.0 Form Type: **MEDICARE PPS ASSESSMENT FORM**

Revised: 03/06

DOMAIN: SKIN CARE		
TITLE	DESCRIPTION	RISK ADJUSTMENT
13.3 Short-stay residents with pressure ulcers	<p>Numerator:</p> <p>Residents satisfying any of the following conditions:</p> <ol style="list-style-type: none"> 1. New ulcers (M2a = 1, 2, 3, or 4 on the 14-day assessment and M2a = 0 on the 5-day assessment) 2. Ulcers worsened or failed to improve (M2a > 0 on the 5-day assessment and M2a on 5-day assessment <= M2a on the 14-day assessment) <p>Denominator:</p> <p>All residents with a valid SNF PPS 14-day assessment AND a valid preceding SNF PPS 5-day assessment).</p> <p>Exclusions:</p> <p>Residents satisfying any of the following conditions:</p> <ol style="list-style-type: none"> 1. M2a has missing data on the SNF PPS 14-day assessment 2. M2a has missing data on the SNF PPS 5-day assessment and M2a = 1, 2, 3, or 4 on the SNF PPS 14-day assessment 	<p>High Risk:</p> <p>Residents satisfying any of the following conditions on the SNF PPS 5-day assessment:</p> <ol style="list-style-type: none"> 1. History of resolved pressure sore (M3 = 1) 2. Requires limited or more assistance in bed mobility (G1aA = 2, 3, 4, or 8) 3. Bowel incontinence at least one/week (H1a = 2, 3, or 4) 4. Diabetes or peripheral vascular disease (I1a is checked or I1j is checked) 5. Low Body Mass Index* (BMI >= 12 and BMI <= 19) <p>Low Risk:</p> <p>All residents that are not high risk</p> $* \text{BMI} = \frac{\text{weight}(\text{kg})}{\text{height}^2(\text{m}^2)} = \frac{.45(\text{K2b})}{(.0254(\text{K2a}))^2}$ <p>An implausible BMI value < 12 or > 40 will be treated as a missing value</p>

QUALITY INDICATOR/QUALITY MEASURE GLOSSARY

QI/QM Version #: 1.0

MDS 2.0 Form Type: **QUARTERLY ASSESSMENT FORM-2 PAGE**

Revised: 03/06

Behavioral Problems

Resident has any of the following conditions:

1. Verbally abusive (E4bA > 0)
2. Physically abusive (E4cA > 0)
3. Socially inappropriate/disruptive behavior (E4dA > 0)

Cognitive Impairment

Resident has all of the following conditions:

1. Impairment in daily decision making ability (B4 > 0)
2. Short term memory problems (B2a = 1)

Mood Scale

Mood Scale score is defined as the count of the number of the following conditions that are satisfied (range 0 through 8). The mood scale has a missing value if any of the MDS items in the following conditions has missing data.

1. Any verbal expression of distress (E1a, E1c, E1e, E1f, E1g, or E1h > 0)
2. Shows signs of crying, tearfulness (E1m > 0)
3. Motor agitation (E1n > 0)
4. Leaves food uneaten on the most recent or most recent full* assessment (K4c is checked)
5. Repetitive health complaints (E1h > 0)
6. Repetitive/recurrent verbalizations (E1a, E1c, or E1g > 0)
7. Negative statements (E1a, E1e, or E1f > 0)
8. Mood symptoms not easily altered (E2 = 2)

*When the most recent assessment is a quarterly assessment, we will "carry forward" information about uneaten food from the most recent full assessment.

Severe Cognitive Impairment

Resident has all of the following conditions:

1. Decision making is severely impaired (B4 = 3)
2. Short term memory problems (B2a = 1)

Symptoms of Depression

Resident has all of the following conditions:

1. Sad mood (E2 = 1 or 2)
2. At least 2 of the following Symptoms of Functional Depression:
 - a. Symptom 1 Distress: resident made negative statements (E1a = 1 or 2)
 - b. Symptom 2 Agitation or Withdrawal: repetitive physical movements (E1n = 1 or 2) or resists care (E4eA = 1, 2, or 3) or withdrawal from activity (E1o = 1 or 2) or reduced social activity (E1p = 1 or 2)
 - c. Symptom 3: wake with unpleasant mood (E1j = 1 or 2) or not awake most of the day (N1d is checked) or awake 1 period of the day or less and not comatose (N1a+N1b+N1c <= 1 and B1 = 0)
 - d. Symptom 4: suicidal or has recurrent thoughts of death (E1g = 1 or 2)
 - e. Symptom 5: weight loss (K3a = 1)