

EQUIP CMS QM Specifications

Quality Measure	Definition (Numerator/Denominator)	Exclusions	Covariates
<p>N001.01 (Short-stay) Percent of residents who self-report moderate to severe pain</p>	<p>Numerator: Short-stay residents with a target assessment that meets either or both of the following conditions:</p> <ol style="list-style-type: none"> Resident reports daily pain with at least one episode of moderate/severe pain - (J0400=1,2) AND (J0600A=05,06,07,08,09 or J0600B=2,3) Resident reports very severe/horrible pain of any frequency (J0600A=10) or (J0600B=4). <p>Denominator: All short-stay residents with a target assessment, except those with exclusions.</p>	<p>Resident not included in the numerator (resident did not meet the pain symptoms conditions for the numerator) AND any of the following are true:</p> <ol style="list-style-type: none"> Pain assessment interview not completed (J0200=0,-, ^). Pain presence item not completed (J0300=9,-, ^). Pain in last 5 days (J0300=1) AND any of the following: <ol style="list-style-type: none"> Pain frequency not completed (J0400=9,-, ^). Pain intensity not completed (J0600A=99, ^, - and J0600B=9, ^,-). Numeric pain intensity indicates no pain (J0600A=00). 	<p>N/A</p>

Quality Measure	Definition (Numerator/Denominator)	Exclusions	Covariates
<p>N002.01 (Short-stay) Percent of residents with pressure ulcers that are new or worsened</p>	<p>Numerator: Short-stay residents for which a look-back scan indicates one or more new or worsening Stage 2-4 pressure ulcers, where on any assessment in the look-back scan:</p> <ol style="list-style-type: none"> 1. Stage 2 (M0800A)>0 and M0800A<=M0300B1, or 2. Stage 3 (M0800B)>0 and M0800B<=M0300C1, or 3. Stage 4 (M0800C)>0 and M0800C<=M0300D1. <p>Denominator: All residents with one or more assessments that are eligible for a look-back scan, except those with exclusions.</p>	<p>Residents excluded if none of the look-back scan assessments has a usable response for M0800 A, B or C. This response is usable if:</p> <ol style="list-style-type: none"> 1. (M0800A <= M0300B1) or (M0300B1 and M0800A = ^). 2. (M0800B<=M0300C1) or (M0300C1 and M0800B=^). 3. (M0800C<=M0300D1) or (M0300D1 and M0800C=^). 	<p>On the initial assessment:</p> <ol style="list-style-type: none"> 1. Limited or more assistance in bed mobility self-performance (G0110A1=2,3,4,7,8) 2. Bowel incontinence at least occasionally (H0400=1,2,3) 3. Diabetes or PVD (I0900 or I2900 =1, or I8000A-J contains PVD diagnosis codes (250.7, 440.20, 440.21, 440.22, 440.23, 440.24, 440.29, 440.31, 440.32, 443.81, 443.9). 4. BMI >=12 and <=19. 5. All covariates are missing if no initial assessment is available.

Quality Measure	Definition (Numerator/Denominator)	Exclusions	Covariates
N003.01 (Short-Stay) Percent of residents who were assessed and appropriately given the seasonal influenza vaccine	Numerator: Residents meeting any of the following criteria on the target assessment: 1. Received the influenza vaccine during the current or most recent season, either in the facility (O0250A=1) or outside the facility (O0250C=2); <i>or</i> 2. Offered and declined the influenza vaccine (O0250C=4); <i>or</i> 3. Ineligible due to contraindication(s) (O0250C=3). Denominator: All short-stay residents with a target assessment, except those with exclusions.	Resident not in facility during the current or most recent influenza season (O0250C=1).	N/A
N007.01 (Short-Stay) Percent of residents assessed and appropriately given the pneumococcal vaccine	Numerator: Residents meeting any of the following criteria on the target assessment: 1. PPV status is up to date (O0300A=1); <i>or</i> 2. Offered and declined the vaccine (O0300B=2); <i>or</i> 3. Ineligible due to medical contraindication(s) (O0300B=1). Denominator: All short-stay residents with a target assessment.	N/A	N/A

Quality Measure	Definition (Numerator/Denominator)	Exclusions	Covariates
<p>N011.01 (Short-Stay) Percent of short-stay residents who newly received an antipsychotic medication</p>	<p>Numerator: Short-stay residents with one or more look-back scan assessments (<i>not including the initial assessment</i>) that indicate an antipsychotic medication was received :</p> <ul style="list-style-type: none"> • For assessments with target dates on or before 3/31/12: N0400A=1 • For assessments with target dates on or after 4/1/12: N0410A=1,2,3,4,5,6,7 <p>Denominator: All short-stay residents who do not have exclusions and who meet all of the following conditions:</p> <ul style="list-style-type: none"> • The resident has a target assessments, and • The resident has an initial assessment, and • The target assessment is not the same as the initial assessment. 	<ol style="list-style-type: none"> 1. The resident did not qualify for the numerator and the following is true for <u>all of the look-back scan assessments</u> (except the initial assessment): For assessments with target dates on or before 3/31/12: N0400A=(-) For assessments with target dates on or after 4/1/12: N0410A=(-) 2. Any of the following related conditions are present on any of the assessments: Schizophrenia (16000=1) Tourette’s Syndrome (I5350 = 1) Huntington’s Disease (I5250 =1) 3. Any resident without initial assessment 4. Any resident with initial assessment indicating antipsychotic drug use. 	<p>N/A</p>

Quality Measure	Definition (Numerator/Denominator)	Exclusions	Covariates
<p>N013.01 (Long-Stay) Percent of residents experiencing one or more falls with major injury</p>	<p>Numerator: Long-stay residents with one or more look-back scan assessments that indicate one or more falls that resulted in major injury (J1900C=1,2).</p> <p>Denominator: All long-stay residents with one or more look-back scan assessments except those with exclusions.</p>	<p>Resident is excluded if one of the following is true for all of the look-back scan assessments:</p> <ol style="list-style-type: none"> 1. Occurrence of falls not assessed (J1800=-), or 2. Assessment indicates that a fall occurred (J1800=1) AND the number of falls with major injury was not assessed (J1900C= -). 	<p>N/A</p>
<p>N014.01 (Long-Stay) Percent of residents who self-report moderate to severe pain</p>	<p>Numerator: Long-stay residents with a target assessment where the target assessment meets either or both of the following two conditions:</p> <ol style="list-style-type: none"> 1. Resident reports almost constant or frequent pain and at least one episode of moderate to severe pain (J0400=1, 2 AND (J0600A=05, 06, 07, 08, 09 or J600B=2,3) 2. Resident reports very severe/horrible pain of any frequency (J0600A=10 or J0600B=4) <p>Denominator: All long-stay residents with a selected target assessment, except those with exclusions.</p>	<ol style="list-style-type: none"> 1. The target assessment is an admission (A0310A=01) or PPS 5-day or PPS readmission/return assessment (A0310B=01, 06) 2. Resident is not included in the numerator and any of these conditions are true: <ul style="list-style-type: none"> • Pain assessment interview not completed (J0200=0,-,^) • Pain presence item not completed (J0300=9,-,^) • Resident has pain in the last 5 days (J0300=1) and: <ol style="list-style-type: none"> a. Pain frequency item was not completed (J0400=9,-,^); or b. Neither of the pain intensity items was completed (J0600A=99,^,- and J0600B=9,^,-) or c. The numeric pain intensity item indicates no pain (J0600A=0) 	<p>Independence or modified independence in daily decision on the prior assessment: C1000=0,1 OR (C0500>=13 and C0500<=15)</p> <p>Covariate = missing if either of the following are true: 1. (C0500=99, -,^ and C1000= -,^). No prior assessment is available.</p>

Quality Measure	Definition (Numerator/Denominator)	Exclusions	Covariates
<p>N015.01 (Long-Stay) Percent of high-risk residents with pressure ulcers</p>	<p>Numerator: All residents with a target assessment that meets both of the following conditions:</p> <ol style="list-style-type: none"> 1. There is a high risk for pressure ulcers (defined in the denominator definition, below). 2. Stage II-IV pressures ulcers are present (M0300B1 or M0300C1 or M0300D1 = 1, 2, 3, 4, 5, 6, 7, 8, 9) or resident has a diagnosis of Stage II-IV ulcer (I8000 = 707.22, 707.23, 707.24). <p>Denominator: All residents with a target assessment who meet the definition of high risk, except those with exclusions. Residents are defined as high-risk if they meet one or more of following criteria on the target assessment:</p> <ol style="list-style-type: none"> 1. Impaired bed mobility or transfer (G0110A1=3,4,7,8 or G011B1=3,4,7,8) 2. Comatose (B0100=1) 3. Malnutrition or at risk of malnutrition (I5600 =1). 	<ol style="list-style-type: none"> 1. Target assessment is an admission (A0310A=01) or 5-day PPS or readmission/ return assessment (A0310B=01, 06). 2. Resident not included in the numerator and (M0300B1 or M0300C1 or M0300D1 = -). 	<p>N/A</p>
<p>N016.01 (Long-Stay) Percent of residents assessed and appropriately given the seasonal influenza vaccine</p>	<p>Numerator: Residents meeting any of the following criteria on the target assessment:</p> <ol style="list-style-type: none"> 1. Received the influenza vaccine during the current or most recent influenza season, either in the facility (O0250A-1) or outside the facility (O0250C=2); or 2. Offered and declined the influenza vaccine (O0250C=4); or 3. Ineligible due to contraindication(s) (O0250C=3). <p>Denominator: All long-stay residents with a target assessment, except those with exclusions.</p>	<p>Resident not in facility during the current or most recent influenza season (O0250C=1)</p>	<p>N/A</p>

Quality Measure	Definition (Numerator/Denominator)	Exclusions	Covariates
N020.01 (Long-Stay) Percent of residents assessed and appropriately given the pneumococcal vaccine	Numerator: Residents meeting any of the following criteria on the target assessment: 1. PPV status is up to date (O0300A=1); or 2. Offered and declined the vaccine (O0300B=2); or 3. Ineligible due to medical contraindication(s) (O0300B=1). Denominator: All long-stay residents with a target assessment.	N/A	N/A
N024.01 (Long-Stay) Percent of Residents with a urinary tract infection	Numerator: Long-stay residents with a target assessment that indicates urinary tract infection within the last 30 days (I2300=1). Denominator: All long-stay residents with a target assessment, except those with exclusions.	1. Target assessment is an admission assessment (A0310A=1) or a PPS 5-day or readmission/ return assessment (A0310B=01, 06). 2. Urinary tract infection value is missing (I2300=-).	N/A

Quality Measure	Definition (Numerator/Denominator)	Exclusions	Covariates
<p>N025.01 (Long-Stay) Percent of low-risk residents who lose control of their bowel and bladder</p>	<p>Numerator: Long-stay residents with a target assessment that indicates frequently or always incontinent of the bladder (H0300=2,3) or bowel (H0400=2,3)</p> <p>Denominator: All long-stay residents with a target assessment, except those with exclusions.</p>	<ol style="list-style-type: none"> 1. Target assessment is an admission assessment (A0310A=1) or a PPS 5-day or readmission/ return. assessment(A0310B=01,06) 2. Resident is not in numerator and (H0300=- or H0400=-). 3. Resident has any of the high-risk conditions: <ol style="list-style-type: none"> 1. Severe cognitive impairment ((C1000=3 and C0700 =1) OR C0500<=7) 2. Totally dependent in bed mobility self-performance (G0110A1=4,7,8) 3. Totally dependent in transfer self-performance (G011B1=4,7,8) 4. Totally dependent in locomotion on unit self-performance (G0110E1=4,7,8). 4. Resident does not qualify as high risk and (C0500=99, ^,-) and (C0700=^,- or C1000=^,-) 5. Resident does not qualify as high risk and (G0110A1=- or G011B1=- or G0110E1=-). 6. Resident is comatose or missing status (B0100=1,-). 7. Indwelling catheter present missing status (H0100A=1,-). 8. Ostomy present or missing status (H0100C=1,-). 	<p>N/A</p>

Quality Measure	Definition (Numerator/Denominator)	Exclusions	Covariates
<p>N026.01 (Long-stay) Percent of residents who have/had a catheter inserted and left in their bladder</p>	<p>Numerator: Long-stay residents with a target assessment that indicates the use of indwelling catheters (H0100A=1).</p> <p>Denominator: All long-stay residents with a target assessment, except those with exclusions.</p>	<ol style="list-style-type: none"> 1. Target assessment is an admission (A0310A=1) or a PPS 5-day or readmission/return assessment. (A0310B=01,06) 2. Indwelling catheter status missing on target assessment (H0100A= -). 3. Neurogenic bladder status present or missing status (I1550=1,-). 4. Obstructive uropathy present or missing status (I1650=1,-). 	<ol style="list-style-type: none"> 1. Frequent bowel incontinence on prior assessment (H0400=2,3) 2. Pressure ulcers at stages 2,3 or 4 on prior assessment (M0300B1 or M0300C1 or M0300D1 = 1,2,3,4,5,6,7,8,9) 3. Covariates = missing if (M0300B1 and M0300C1 and M0300D1 = -) <p>*All covariates are considered missing if no prior assessment is available</p>
<p>N027.01 (Long-stay) Percent of residents who were physically restrained</p>	<p>Numerator: Long-stay residents with a target assessment that indicates daily physical restraints, where: Trunk restraint used in bed (P0100B=2), or Limb restraint used in bed (P0100C=2), or Trunk restraint used in chair or out of bed (P0100E=2), or Limb restraint used in chair or out of bed (P0100F=2), or Chair prevents rising used in chair or out of bed (P0100G =2).</p> <p>Denominator: All residents with a target assessment, except those with exclusions.</p>	<p>Resident is not in numerator AND (P0100B or P0100C or P0100E or P0100F or P0100G=-).</p>	<p>N/A</p>

Quality Measure	Definition (Numerator/Denominator)	Exclusions	Covariates
<p>N028.01 (Long-Stay) Percent of residents whose need for help with activities of daily living has increased</p>	<p>Numerator: Long-stay residents with target and prior assessments that indicate the need for help with late-loss ADLs has increased.</p> <p>An increase is defined as an increase in two or more coding points in one ADL item or one point increase in coding points in two or more ADL items:</p> <p>If at least two of the following are true ([t] refers to the target assessment, and [t-1] refers to the prior assessment):</p> <ol style="list-style-type: none"> 1. Bed mobility: $(G0110A1[t] - G0110A1[t-1]) > 0$, or 2. Transfer: $(G0110B1[t] - G0110B1[t-1]) > 0$, or 3. Eating: $(G0110H1[t] - G0110H1[t-1]) > 0$, or 4. Toileting: $(G0110I1 [t] - (G0110I1 [t-1]) > 0$. <p>OR</p> <p>If at least one of the following is true:</p> <ol style="list-style-type: none"> 1. Bed mobility: $(G0110A1[t] - (G0110A1[t-1]) > 1$, or 2. Transfer: $(G0110B1[t] - (G0110B1[t-1]) > 1$, or 3. Eating: $(G0110H1[t] - (G0110H1[t-1]) > 1$, or 4. Toileting $(G0110I1 [t] - (G0110I1 [t-1]) > 1$. <p>Denominator: All residents with a target and prior assessment, except those with exclusions.</p>	<ol style="list-style-type: none"> 1. Total dependence in all four late-loss ADL items on the prior assessment: Bed Mobility (G0110A1) and Transferring (G0110B1) and Eating (G0110H1) and Toileting (G0110I1) = 4,7,8. 2. Total dependence in three of the late loss ADLs and the fourth indicates extensive assistance (=3) on the prior assessment. 3. Resident is comatose or missing status (B0100=1,-) on the target assessment. 4. End of life or missing status (J1400=1,-) on the target assessment. 5. Hospice care or missing status (O0100K2=1,-) on the target assessment. 6. Not in the numerator AND Bed mobility (G0110A1), or Transferring (G0110B1), or Eating (G0110H1), or Toileting (G0110I1) = - on prior or target assessment. 	<p>N/A</p>
<p>N029.01 (Long-Stay) Percent of residents who lose too much weight</p>	<p>Numerator: Long-stay residents with a target assessment indicating a weight loss of 5% or more in the last month or 10% or more in the last 6 months who were not on a physician prescribed weight-loss regimen (K0300=2).</p> <p>Denominator: Long-stay residents with a target assessment, except those with exclusions.</p>	<ol style="list-style-type: none"> 1. Target assessment is an admission assessment (A0310A=1) or a PPS 5-day or readmission/ return assessment (A0310B=01, 06). 2. Weight loss item is missing on target assessment (K0300= -). 	<p>N/A</p>

Quality Measure	Definition (Numerator/Denominator)	Exclusions	Covariates
<p>N030.01 (Long-Stay) Percent of residents who have depressive symptoms</p>	<p>Numerator: Long-stay residents with a target assessment that meets <i>either</i> of the following two conditions:</p> <ol style="list-style-type: none"> Resident mood interview: Resident has little interest or pleasure in doing things half or more of the days over the last two weeks (D0200A2=2, 3) OR resident is feeling down, depressed or hopeless half or more days over the last two weeks (D0200B2=2, 3); AND the resident interview total severity score indicates depression (D0300>=10 and <=27). Staff assessment of mood: Resident has little interest or pleasure in doing things half or more of the days over the last two weeks (D0500A2=2, 3) OR resident is feeling or appearing down, depressed, or hopeless half or more of the days over the last two weeks (D0500B2=2,3); AND the staff assessment total severity score indicates depression (D0600>=10 and <=30). <p>Denominator: All long-stay residents with a target assessment, except those with exclusions.</p>	<ol style="list-style-type: none"> Resident is comatose or comatose status is missing (B0100=1,-) Resident is not included in the numerator and: <ol style="list-style-type: none"> (D0200A2=^, - or D0200B2=^, - or D0300=99,-,^); AND (D0500A2=^, - or D0500B2=^, - or D0600=^,-). 	<p>N/A</p>
<p>N031.02 (Long-Stay) Prevalence of antipsychotic medication use</p>	<p>Numerator: Long stay residents with a selected target assessment where antipsychotic medications were received:</p> <ul style="list-style-type: none"> For assessments with target dates on or before 3/31/12: N0400A=1 For assessments with target dates on or after 4/1/12: N0410A=1,2,3,4,5,6,7 <p>Denominator: All long-stay residents with a target assessment, except those with exclusions.</p>	<ol style="list-style-type: none"> The resident did not qualify for the numerator and either of the following is true: N0400A=(-) or N0410A=(-) Any of the following related conditions are present on the target assessment (unless otherwise indicated): <ul style="list-style-type: none"> Schizophrenia (16000=1) Tourette's Syndrome (I5350 = 1) Tourette's Syndrome (I5350 = 1) on the prior 	<p>N/A</p>

Quality Measure	Definition (Numerator/Denominator)	Exclusions	Covariates
		assessment if this item is not active on the target assessment and if a prior is available Huntington's Disease (I5250=1)	

Additional Survey Quality Measures	Definition (Numerator/Denominator)	Exclusions	Covariates
Surveyor Measure N032.01 (Long-Stay) Prevalence of falls	Numerator: Long-stay residents with one or more look-back assessments that indicate the occurrence of a fall (J1800=1). Denominator: All long-stay nursing home residents with one or more look-back scan assessments except those with exclusions.	Resident excluded if the following is true for all the look-back scan assessments: The occurrence of falls was not assessed (J1800=(-))	N/A
Surveyor Measure N033.01 (Long-Stay) Prevalence of antianxiety or hypnotic use	Numerator: Long-stay residents with a selected target assessment where any of the following conditions are true: 1. For assessments with target dates on or before 3/31/12: Antianxiety medications received (N0400B = 1), or Hypnotic medications received (N0400D = 1) 2. For assessments with target dates on or after 4/1/12: Antianxiety medications received (N0410B = 1,2,3,4,5,6,7), or Hypnotic medications received (N0410D = 1,2,3,4,5,6,7) Denominator: All long-stay residents with a selected target assessment, except those with exclusions.	<ol style="list-style-type: none"> The resident did not qualify for the numerator and any of the following is true: For assessments with target dates on or before 3/31/12: N0400B=(-) N0400D=(-) For assessments with target date on or after 4/1/12: N0410B=(-) N0410D=(-) Any of the following related conditions are present on the target assessment (unless otherwise indicated): Schizophrenia (I6000 = 1) Psychotic disorder (I5950 =1) Manic depression (bipolar disease) (I5900 = 1) Tourette's Syndrome (I5350 = 1) Tourette's Syndrome (I5350 = 1) on prior assessment if this item is not active on the target assessment and if a prior is available. 	

Additional Survey Quality Measures	Definition (Numerator/Denominator)	Exclusions	Covariates
		<p>Huntington’s Disease (I5250 = 1) Hallucinations (E0100A = 1) Delusions (E0100B = 1) Anxiety disorder (I5700 = 1) Post traumatic stress disorder (I6100 = 1) Post traumatic stress disorder (I6100 = 1) on the prior assessment if this item is not active on the target assessment and if a prior assessment is available.</p>	
<p>Surveyor Measure N034.01 (Long-Stay) Prevalence of behavior symptoms affecting others</p>	<p>Numerator: Long-stay residents with a selected target assessment where any of the following conditions are true:</p> <ol style="list-style-type: none"> 1. The presence of physical behavioral symptoms directed towards others (E0200A = 1,2,3) or 2. The presence of verbal behavioral symptoms directed towards others (E0200B = 1,2,3), or 3. The presence of other behavioral symptoms directed towards others (E0200C = 1,2,3), or 4. Rejection of care (E0800 = 1,2,3), or 5. Wandering (E0900 = 1, 2, 3). <p>Denominator: All residents with a selected target assessment, except those with exclusions.</p>	<ol style="list-style-type: none"> 1. The target assessment is a discharge (A0310F = 10, 11) 2. Resident is not in numerator and any of the following is true: <ol style="list-style-type: none"> a. E0200A = (-,^) b. E0200B = (-,^) c. E0200C = (-,^) d. E0800 = (-,^) e. E0900 = (-,^) 	