

**HOME HEALTH AGENCY QUALITY MEASURES:
TECHNICAL DOCUMENTATION OF
POTENTIALLY AVOIDABLE EVENT MEASURES**

Revision 3

December 2016

Department of Health and Human Services
Centers for Medicare & Medicaid Services

Revision History

Original Publication: May 2011

Revision 1: September 2011

1. On page 10, line 33, replaced M1710_WHEN_CONFUSED with M1710_WHEN_CONFUSED[2]
2. On page 11, line 31, replaced M0610_BD_MEM_DEFICIT with M1740_BD_MEM_DEFICIT

Revision 2: September 2014

1. This revision accommodates the transition to OASIS-C1 / ICD-9 Version, effective 01/01/2015, and the expected adoption of OASIS-C1 using ICD-10 diagnosis coding, currently scheduled for 10/01/2015. There are three separate sections of transformation pseudo-code. The first section includes measures for which OASIS item changes do not affect measure calculations. The second and third sections include measures where the specifications differ depending on whether the discharge or transfer assessment is OASIS-C or OASIS-C1.
2. Several OASIS item field names have changed in the most recent version of the data submission specifications which will be effective 10/21/2014 (Version 2.10.1 for OASIS-C and Version 2.11.2 for OASIS-C1 / ICD-9 Version). The field names have been updated in the measure specifications. The field names that have been changed are as follows.

OldFieldName	NewFieldName
M1800_CUR_GROOMING	M1800_CRNT_GROOMING
M1840_CUR_TOILTG	M1840_CRNT_TOILTG
M1845_CUR_TOILTG_HYGN	M1845_CRNT_TOILTG_HYGN
M1850_CUR_TRNSFRNG	M1850_CRNT_TRNSFRNG
M1870_CUR_FEEDING	M1870_CRNT_FEEDING

Revision 3: December 2016

1. Measures that were removed from the Home Health Quality Initiative effective CY 2017 (listed below) have been noted with a * in the measure specifications.

Emergent Care for Injury Caused by Fall

Emergent Care for Wound Infections, Deteriorating Wound Status

2. Several OASIS item numbers have been changed to conform to the latest version of the OASIS data submission specifications; OASIS-C2, effective January 1, 2017. Several items have been added in compliance with the IMPACT Act of 2014. The following table lists the new or changed items included in the OASIS C-2.

Old Item Name	New Item Name
N/A	M1028_Active Diagnoses
N/A	M1060 Height and Weight
M1308_ Current Number of Unhealed Pressure Ulcers at Each Stage or Unstageable:	M1311_ Current Number of Unhealed Pressure Ulcers at Each Stage
M1309 Current Number of Unhealed Pressure Ulcers at Each Stage	M1313 Worsening in Pressure Ulcer Status since SOC/ROC
N/A	M1313 (a-c) Worsening in Pressure Ulcer Status since SOC/ROC (staging)
M1500 Symptoms in Heart Failure Patients	M1501 Symptoms in Heart Failure Patients
M1510 Heart Failure Follow Up	M1511 Heart Failure Follow Up
N/A	GG0170C (Sect. GG) Functional Status SOC/ROC and discharge goal.
M2000 Drug Regimen Review	M2001 Drug Regimen Review
M2002 Medication Review	M2003 Medication Follow Up
M2004 Medication Intervention	M2005 Medication Intervention
M2015 Patient/Caregiver Drug Education Intervention	M2016 Patient/Caregiver Drug Education Intervention
M2300 Emergent Care	M2301 Emergent Care
M2400 Intervention Synopsis	M2401 Intervention Synopsis

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HOME HEALTH AGENCY QUALITY MEASURES: TECHNICAL DOCUMENTATION OF POTENTIALLY AVOIDABLE EVENT MEASURES

Introduction

This document provides definitions of measures that appear in Home Health Agency Potentially Avoidable Event Reports, including detailed specifications for calculating these measures based on OASIS assessment data. It includes specifications for measures that appear on the reports used for Outcome-Based Quality Management, a subset of which measures appear on the Medicare Home Health Compare web site.

Episodes of Care Included in Reports

The unit of analysis for quality measures is an episode of care, defined as starting with a new admission to home health care or resumption of care after an inpatient facility stay (M0100 Reason for assessment = 01 or 03), and ending with a discharge from home health care, including discharge due to death, or admission to inpatient facility for 24 hours or more (M0100 Reason for assessment = 06, 07, 08, or 09). The data upon which these reports are based consist of OASIS assessments submitted by home health agencies to the national OASIS repository maintained by The Centers for Medicare & Medicaid Services (CMS). Analysis records corresponding to episodes of care are constructed by matching up assessments for each individual served by a home health agency, sorting those assessments by effective date, then pairing up assessments that mark the beginning and end of an episode of care. Episodes of care for which either the beginning or end assessment is missing, or for which assessments are out of sequence, are not included in these reports.

Creation of Episode of Care Records

The process of building episode-level records is as follows:

1. Sort assessments by home health agency ID¹, patient ID and effective date, latest to earliest.

¹ When working with assessment records from the OASIS National Repository, home health agency ID is a combination of the two-character state abbreviation and Facility Internal ID, and Patient ID is a combination of the state abbreviation and Resident Internal ID. Facility Internal ID is a numeric field originally assigned to each agency by the State, and Resident Internal ID was originally generated by the State OASIS data system. Going forward both of these fields will be generated by the national data submission system.

2. For each set of assessments having the same combination of home health agency ID and patient ID, step through the assessments, latest to earliest, until an assessment with M0100_ASSMT_REASON = 06, 07, 08, or 09 is found. Initialize a home health episode record with episode end date = M0906_DC_TRAN_DTH_DT.
3. Continue stepping through earlier assessments.
4. If an assessment with M0100_ASSMT_REASON = 06, 07, 08, or 09 is found before an assessment with M0100_ASSMT_REASON = 01 or 03 is found, discard the episode being built and start over with step 2.
5. When an assessment with M0100_ASSMT_REASON = 01 or 03 is found, the episode is complete. Create a completed episode record with home health agency ID, patient ID, beginning assessment ID, ending assessment ID, and begin and end dates for the episode. If there are more assessments for this patient, start building a new episode beginning with step 2.
6. If no assessment with M0100_ASSMT_REASON = 01 or 03 is found before the assessments for this patient are exhausted, discard the pending episode being built.

Home Health Potentially Avoidable Event Measures

Measures are referred to as follows:

<u>Measure Domain & Descriptive Measure Name</u>	<u>Short Measure Name</u>
Emergent Care for Potentially Avoidable Cause	
*Emergent Care for Injury Caused by Fall.....	ED_Use_Fall
*Emergent Care for Wound Infection, Deteriorating Wound Status.....	ED_Use_Wound_Status
Emergent Care for Improper Medication Administration or Medication Side Effects.....	ED_Use_Medications
Emergent Care for Hypo/Hyperglycemia.....	ED_Use_Blood_Sugar
Discharged with New, Worsening, or Unresolved Health Problem	
Development of Urinary Tract Infection.....	New_UTI
Increase in Number of Pressure Ulcers ^{HHC}	More_Pressure_Ulcers
Substantial Decline in 3 or more Activities of Daily Living.....	ADL_Decline
Substantial Decline in Management of Oral Medications	Oral_Med_Decline
Discharged to the Community with an Unhealed Stage II Pressure Ulcer	DC_w_Stg_II_Press_Ulc

<u>Measure Domain & Descriptive Measure Name</u>	<u>Short Measure Name</u>
Discharged with Unmet Needs.....	
Discharged to the Community Needing Wound Care or Medication Assistance	DC_Need _Wound_Care
Discharged to the Community Needing Toileting Assistance	DC_Need _Toilet_Assist
Discharged to the Community with Behavioral Problems	DC_Behavior_Problem

Assumptions and Conventions

The following transformations result in measures with numeric values. For process and outcome measures, including potentially avoidable event measures, “1” indicates that the outcome event occurred or the process was followed, while “0” indicates the outcome event did not occur or the process was not followed. When the instructions indicate that a measure is to be set to "MISSING", the case is excluded from analysis for that particular measure, either because the measure is not applicable or because a data item on which that measure is based has been indicated as “unknown”.

OASIS data items are referred to in this documentation using field names specified in OASIS Data Submission Specifications published by CMS. "[1]" is appended to the field name if the value is taken from the beginning of episode assessment (Start or Resumption of Care), and "[2]" is appended if the value is to be taken from the assessment conducted at the end of the episode (Discharge, Transfer, or Death). The expression VALUE(Field Name) indicates conversion of a one or two character text field to a numeric value. The expression DATEVALUE(Field Name) indicates conversion of an eight character text field to a numeric value representing a date (number of days since 12/31/1899).

Data Transformation Pseudo-code

Transformations that apply when the Discharge/Transfer Assessment Is OASIS-C2

Emergent Care for Potentially Avoidable Cause

***Emergent Care for Injury Caused by Fall**

```
IF M2310_ECR_INJRY_BY_FALL[2]
= 1 THEN
    ED_USE_FALL = 1
```

```

ELSE IF M2301_EMER_USE_AFTR_LAST_ASMT[2] = 00
    OR ((M2301_EMER_USE_AFTR_LAST_ASMT[2] =01
    OR
    M2301_EMER_USE_AFTR_LAST_ASMT[2] =02) AND
    M2310_ECR_UNKNOWN[2] = 0)
THEN
ED_USE_FALL = 0
ELSE
ED_USE_FALL = MISSING
END IF

```

**Emergent Care for Wound Infection, Deteriorating Wound Status*

```

IF M2310_ECR_WND_INFCTN_DTRORTN[2] = 1
THEN
ED_USE_WOUND_STATUS = 1
ELSE IF M2301_EMER_USE_AFTR_LAST_ASMT[2] = 00 OR
((M2301_EMER_USE_AFTR_LAST_ASMT[2] =01 OR
M2301_EMER_USE_AFTR_LAST_ASMT[2] =02) AND
M2310_ECR_UNKNOWN[2] = 0)
THEN
ED_USE_WOUND_STATUS = 0
ELSE
ED_USE_WOUND_STATUS = MISSING
END IF

```

Emergent Care for Improper Medication Administration or Medication Side Effects

```

IF M2310_ECR_MEDICATION[2] = 1
THEN
ED_USE_MEDICATIONS = 1
ELSE IF M2301_EMER_USE_AFTR_LAST_ASMT[2] = 00 OR
((M2301_EMER_USE_AFTR_LAST_ASMT[2] =01 OR
M2301_EMER_USE_AFTR_LAST_ASMT[2] =02) AND
M2310_ECR_UNKNOWN[2] = 0)
THEN
ED_USE_MEDICATIONS = 0
ELSE
ED_USE_MEDICATIONS = MISSING
END IF

```

Emergent Care for Hypo/Hyperglycemia

```

IF M2310_ECR_HYPOGLYC[2] = 1 THEN
    ED_USE_BLOOD_SUGAR = 1
ELSE IF M2301_EMER_USE_AFTR_LAST_ASMT[2] = 00

```



```

OR ((M2301_EMER_USE_AFTR_LAST_ASMT[2] =01
OR
M2301_EMER_USE_AFTR_LAST_ASMT[2] =02) AND
M2310_ECR_UNKNOWN[2] = 0)
THEN
ED_USE_BLOOD_SUGAR = 0
ELSE
ED_USE_BLOOD_SUGAR = MISSING
END IF

```

Increase in Number of Pressure Ulcers

```

IF M0100_ASSMT_REASON[2] = 09 THEN
IF M1306_UNHLD_STG2_PRSR_ULCR[2] = 1
THEN
IF M1306_UNHLD_STG2_PRSR_ULCR[1] = 0
THEN
More_Pressure_Ulcers = 1

ELSE IF (VALUE(M13011_NBR_PRSULC_STG2[1]) + VALUE(M13011_NBR_PRSULC_STG3[1])
+VALUE(M1311_NBR_PRSULC_STG4[1]) + VALUE(M1311_NSTG_DRSG[1]) +
VALUE(M1311_NSTG_CVRG[1]) + VALUE(M1311_NSTG_DEEP_TISUE[1])) <
(VALUE(M1311_NBR_PRSULC_STG2[2]) + VALUE(M1311_NBR_PRSULC_STG3[2]) +
VALUE(M1311_NBR_PRSULC_STG4[2]) + VALUE(M1311_NSTG_DRSG[2]) +
VALUE(M1311_NSTG_CVRG[2]) + VALUE(M1311_NSTG_DEEP_TISUE[2]))
THEN
More_Pressure_Ulcers = 1
ELSE
More_Pressure_Ulcers = 0
END IF ELSE
More_Pressure_Ulcers = 0
END IF ELSE
More_Pressure_Ulcers = MISSING
END IF

```

Substantial Decline in Management of Oral Medications

```

IF M0100_ASSMT_REASON[2] <> 09 OR M2020_CRNT_MGMT_ORAL_MDCTN[2] = NA OR
M2001_DRUG_RGMN_RVW[1] = NA OR M2020_CRNT_MGMT_ORAL_MDCTN[1] <> 00
THEN
Oral_Med_Decline = MISSING
ELSE
IF M2020_CRNT_MGMT_ORAL_MDCTN[2] = 03 AND

```

```

M2020_CRNT_MGMT_ORAL_MDCTN[1] = 00
THEN
  Oral_Med_Decline = 1
ELSE
  Oral_Med_Decline = 0
END IF
END IF

```

Transformations that Apply to OASIS-C1

Emergent Care for Potentially Avoidable Cause

Emergent Care for Injury Caused by Fall

```

IF M2310_ECR_INJRY_BY_FALL[2] = 1
THEN
  ED_USE_FALL = 1
ELSE IF M2300_EMER_USE_AFTR_LAST_ASMT[2] = 00 OR
  ((M2300_EMER_USE_AFTR_LAST_ASMT[2] = 01 OR
  M2300_EMER_USE_AFTR_LAST_ASMT[2] = 02) AND
  M2310_ECR_UNKNOWN[2] = 0)
THEN
  ED_USE_FALL = 0
ELSE
  ED_USE_FALL = MISSING
END IF

```

Emergent Care for Wound Infection, Deteriorating Wound Status

```

IF M2310_ECR_WND_INFCTN_DTRORTN[2] = 1
THEN
  ED_USE_WOUND_STATUS = 1
ELSE IF M2300_EMER_USE_AFTR_LAST_ASMT[2] = 00 OR
  ((M2300_EMER_USE_AFTR_LAST_ASMT[2] = 01 OR
  M2300_EMER_USE_AFTR_LAST_ASMT[2] = 02) AND
  M2310_ECR_UNKNOWN[2] = 0)
THEN
  ED_USE_WOUND_STATUS = 0
ELSE
  ED_USE_WOUND_STATUS = MISSING
END IF

```

Emergent Care for Improper Medication Administration or Medication Side Effects

```

IF M2310_ECR_MEDICATION[2] = 1

```

```

THEN
    ED_USE_MEDICATIONS = 1
ELSE IF M2300_EMER_USE_AFTR_LAST_ASMT[2] = 00 OR
    ((M2300_EMER_USE_AFTR_LAST_ASMT[2] = 01 OR
    M2300_EMER_USE_AFTR_LAST_ASMT[2] = 02) AND
    M2310_ECR_UNKNOWN[2] = 0)
THEN
    ED_USE_MEDICATIONS = 0
ELSE
    ED_USE_MEDICATIONS = MISSING
END IF

```

Emergent Care for Hypo/Hyperglycemia

```

IF M2310_ECR_HYPOGLYC[2] = 1
THEN
    ED_USE_BLOOD_SUGAR = 1
ELSE IF M2300_EMER_USE_AFTR_LAST_ASMT[2] = 00 OR
    ((M2300_EMER_USE_AFTR_LAST_ASMT[2] = 01 OR
    M2300_EMER_USE_AFTR_LAST_ASMT[2] = 02) AND
    M2310_ECR_UNKNOWN[2] = 0)
THEN
    ED_USE_BLOOD_SUGAR = 0
ELSE
    ED_USE_BLOOD_SUGAR = MISSING
END IF

```

Increase in Number of Pressure Ulcers

```

IF M0100_ASSMT_REASON[2] = 09
THEN
    IF M1306_UNHLD_STG2_PRSR_ULCR[2] = 1
    THEN
        IF M1306_UNHLD_STG2_PRSR_ULCR[1] = 0
        THEN
            More_Pressure_Ulcers = 1
        ELSE IF (VALUE(M1308_NBR_PRSULC_STG2[1]) +
            VALUE(M1308_NBR_PRSULC_STG3[1]) +
            VALUE(M1308_NBR_PRSULC_STG4[1]) +
            VALUE(M1308_NSTG_DRSG[1]) +
            VALUE(M1308_NSTG_CVRG[1]) +
            VALUE(M1308_NSTG_DEEP_TISUE[1])) <

```

```

        (VALUE(M1308_NBR_PRSULC_STG2[2]) +
        VALUE(M1308_NBR_PRSULC_STG3[2]) +
        VALUE(M1308_NBR_PRSULC_STG4[2]) +
        VALUE(M1308_NSTG_DRSG[2]) +
        VALUE(M1308_NSTG_CVRG[2]) +
        VALUE(M1308_NSTG_DEEP_TISUE[2]))
    THEN
        More_Pressure_Ulcers = 1
    ELSE
        More_Pressure_Ulcers = 0
    END IF
ELSE
    More_Pressure_Ulcers = 0
END IF
ELSE
    More_Pressure_Ulcers = MISSING
END IF

```

Substantial Decline in Management of Oral Medications

```

IF M0100_ASSMT_REASON[2] <> 09 OR
    M2020_CRNT_MGMT_ORAL_MDCTN[2] = NA OR
    M2000_DRUG_RGMN_RVW[1] = NA OR
    M2020_CRNT_MGMT_ORAL_MDCTN[1] <> 00
THEN
    Oral_Med_Decline = MISSING
ELSE
    IF M2020_CRNT_MGMT_ORAL_MDCTN[2] = 03 AND
        M2020_CRNT_MGMT_ORAL_MDCTN[1] = 00
    THEN
        Oral_Med_Decline = 1
    ELSE
        Oral_Med_Decline = 0
    END IF
END IF

```

Transformations that Are the Same Regardless of Whether the Discharge/Transfer Assessment Is OASIS-C1 or OASIS C2

Discharged with New, Worsening, or Unresolved Health Problem

Development of Urinary Tract Infection

```
IF M0100_ASSMT_REASON[2] = 09
THEN
    IF M1600_UTI[1] = 00 AND M1600_UTI[2] = 01
    THEN
        NEW_UTI = 1
    ELSE IF M1600_UTI[1] = 00 AND M1600_UTI[2] = 00
    THEN
        NEW_UTI = 0
    ELSE
        NEW_UTI = MISSING
    END IF
ELSE
    NEW_UTI = MISSING
END IF
```

Substantial Decline in 3 or more Activities of Daily Living

```
ADL_Temp1 = 0
IF `M1800_CRNT_GROOMING[1] = 03 OR M1800_CRNT_GROOMING[1] = 02
THEN
    ADL_Temp1 = ADL_Temp1 + 1
END IF
IF M1830_CRNT_BATHG[1] = 06 OR M1830_CRNT_BATHG[1] = 05
THEN
    ADL_Temp1 = ADL_Temp1 + 1
END IF
IF M1840_CRNT_TOILTG[1] = 04 OR M1840_CRNT_TOILTG[1] = 03
THEN
    ADL_Temp1 = ADL_Temp1 + 1
END IF
IF M1845_CRNT_TOILTG_HYGN[1] = 03 OR M1845_CRNT_TOILTG_HYGN[1] = 02
THEN
    ADL_Temp1 = ADL_Temp1 + 1
END IF
IF M1850_CRNT_TRNSFRNG[1] = 05 OR M1850_CRNT_TRNSFRNG[1] = 04
THEN
```

```

        ADL_Temp1 = ADL_Temp1 + 1
    END IF
    IF M1860_CRNT_AMBLTN[1] = 06 OR M1860_CRNT_AMBLTN[1] = 05
    THEN
        ADL_Temp1 = ADL_Temp1 + 1
    END IF
    IF M1870_CRNT_FEEDING[1] = 05 OR M1870_CRNT_FEEDING[1] = 04
    THEN
        ADL_Temp1 = ADL_Temp1 + 1
    END IF
    IF M0100_ASSMT_REASON[2] = 09 AND ADL_Temp1 <5
    THEN
        ADL_Temp2 = 0
        IF VALUE(M1800_CRNT_GROOMING[2]) >
            VALUE(M1800_CRNT_GROOMING[1]) + 1
        THEN
            ADL_Temp2 = ADL_Temp2 + 1
        END IF
        IF VALUE(M1830_CRNT_BATHG[2]) > VALUE(M1830_CRNT_BATHG[1]) + 1
        THEN
            ADL_Temp2 = ADL_Temp2 + 1
        END IF
        IF VALUE(M1840_CRNT_TOILTG[2]) > VALUE(M1840_CRNT_TOILTG[1]) + 1
        THEN
            ADL_Temp2 = ADL_Temp2 + 1
        END IF
        IF VALUE(M1845_CRNT_TOILTG_HYGN[2]) >
            VALUE(M1845_CRNT_TOILTG_HYGN[1]) + 1
        THEN
            ADL_Temp2 = ADL_Temp2 + 1
        END IF
        IF VALUE(M1850_CRNT_TRNSFRNG[2]) >
            VALUE(M1850_CRNT_TRNSFRNG[1]) + 1
        THEN
            ADL_Temp2 = ADL_Temp2 + 1
        END IF
        IF VALUE(M1860_CRNT_AMBLTN[2]) > VALUE(M1860_CRNT_AMBLTN[1]) + 1
        THEN
            ADL_Temp2 = ADL_Temp2 + 1

```

```

END IF
IF VALUE(M1870_CRNT_FEEDING[2]) > VALUE(M1870_CRNT_FEEDING[1]) +
  1
THEN
  ADL_Temp2 = ADL_Temp2 + 1
END IF
IF ADL_Temp2 >= 3
THEN
  ADL_Decline = 1
ELSE
  ADL_Decline = 0
END IF
ELSE
  ADL_Decline = MISSING
END IF

```

Discharged to the Community with an Unhealed Stage II Pressure Ulcer

```

IF M0100_ASSMT_REASON[2] = 09
THEN
  IF M2420_DSCHRG_DISP[2] = 01 AND
    (M1306_UNHLD_STG2_PRSR_ULCR[2] = 1 AND
      ((M1307_OLDST_STG2_AT_DSCHRG[2] = 02 AND
        DATEVALUE(M0906_DC_TRAN_DTH_DT[2]) -
        DATEVALUE(M1307_OLDST_STG2_ONST_DT[2]) > 30) OR
        (M1307_OLDST_STG2_AT_DSCHRG[2] = 01 AND
          M0100_ASSMT_REASON[1] = 01 AND
            DATEVALUE(M0906_DC_TRAN_DTH_DT[2]) -
            DATEVALUE(M0030_START_CARE_DT[1]) > 30) OR
            (M1307_OLDST_STG2_AT_DSCHRG[2] = 01 AND
              M0100_ASSMT_REASON[1] = 03 AND
                DATEVALUE(M0906_DC_TRAN_DTH_DT[2]) -
                DATEVALUE(M0032_ROC_DT[1]) > 30)
        )
    )
  THEN
    DC_w_Stg_II_Press_Ulc = 1
  ELSE
    DC_w_Stg_II_Press_Ulc = 0
  END IF
ELSE
  DC_w_Stg_II_Press_Ulc = MISSING
END IF

```

Discharged with Unmet Needs

Discharged to the Community Needing Wound Care or Medication Assistance

IF M0100_ASSMT_REASON[2] = 09

THEN

IF M2420_DSCHRG_DISP[2] = 01 AND

(VALUE(M2100_CARE_TYPE_SRC_MDCTN[2]) > 2 OR

VALUE(M2100_CARE_TYPE_SRC_PRCDR[2]) > 2) AND

(M1710_WHEN_CONFUSED[2] = NA OR

VALUE(M1710_WHEN_CONFUSED[2]) > 2) AND

(M1324_STG_PRBLM_ULCER[2] = 03 OR

M1324_STG_PRBLM_ULCER[2] = 04 OR

M1334_STUS_PRBLM_STAS_ULCR[2] = 03 OR

M1342_STUS_PRBLM_SRGCL_WND[2] = 03 OR

M2020_CRNT_MGMT_ORAL_MDCTN[2] = 03)

THEN

DC_Need _Wound_Care = 1

ELSE

DC_Need _Wound_Care = 0

END IF

ELSE

DC_Need _Wound_Care = MISSING

END IF

Discharge to the Community Needing Toileting Assistance

IF M0100_ASSMT_REASON[2] = 09

THEN

IF M2420_DSCHRG_DISP[2] = 01 AND

(VALUE(M2100_CARE_TYPE_SRC_ADL[2]) > 2) AND

(VALUE(M1840_CRNT_TOILTG[2]) = 4 OR

VALUE(M1845_CRNT_TOILTG_HYGN[2] = 3))

THEN

DC_Need _Toilet_Assist = 1

ELSE

DC_Need _Toilet_Assist = 0

END IF

ELSE

DC_Need _Toilet_Assist = MISSING

END IF

Discharge to the Community with Behavioral Problems

```
IF M0100_ASSMT_REASON[2] = 09
THEN
IF M2420_DSCHRG_DISP[2] = 01 AND
    VALUE(M2100_CARE_TYPE_SRC_SPRVSN[2]) > 2 AND
    (VALUE(M1740_BD_MEM_DEFICIT[2]) +
    VALUE(M1740_BD_IMP_DECISN[2]) +
    VALUE(M1740_BD_VERBAL[2]) +
    VALUE(M1740_BD_PHYSICAL[2]) +
    VALUE(M1740_BD_SOC_INAPPRO[2]) +
    VALUE(M1740_BD_DELUSIONS[2])) > 1
    THEN
        DC_Behavior_Problem = 1
    ELSE
        DC_Behavior_Problem = 0
    END IF
ELSE
    DC_Behavior_Problem = MISSING
END IF
```