

Nursing Facility MDS Record Selection and Case Mix Calculation State Fiscal Year 2008, Quarter 1 (July 2007)

The following is a brief overview of the steps involved in calculating the case mix for each NF beginning in the period noted above:

1. Make a copy of the previous quarter's case mix calculation database for use in the new period – rename it to fit the new period.
2. Obtain an updated list of Medicaid NF residents with an add-on rate from the Resident Assessment team. Import new records into the “AddOnRateRecipients” table.
3. Clear prior period data tables in the new (copied) DB.
 - a. MdsAllData
4. Append MDS data into the “MdsAllData” table and Update.
 - a. Append “Discharge” records to the “MdsAllData” table.
 - b. Append “Assessment” records to the “MdsAllData” table.
 - c. Update corrected assessments to Null values – except Assessment Internal ID.
 - i. This will remove assessments that have subsequently been corrected from the table so they are not counted twice.
 - d. Update “IscElig” field to reflect if the assessment was done while the resident was eligible for an “ISC” add-on rate.
 - i. Assessments done while the resident is/was eligible for the “ISC” add-on amount will not be counted towards the facility's case mix score due to the outlier effect they will have on the facility.
5. Calculate the RUG days by entering the “period of interest” dates on the MS Access form and clicking the calculate days button.
 - a. Calculate Days button – This button will calculate the individual RUG days by executing Visual Basic code (see Appendix A) for the period of interest against the “qryGetData” query which contains the following data:
 - i. FacilityMedicaidID **(Sort1)**
 1. Filter:
 - a. Is Not Null And <> ""
 - ii. SSN **(Sort2)**
 1. This is a key sort field, so it is essential that it be filled in correctly.

- 2. Filter:
 - a. Is Numeric
 - b. Is 9-digits long
- iii. AdmitDate
 - 1. For this field use the later of AB1 or A4A.
 - 2. This is a calculated field and is determined as follows:
 - a. AdmitDate: Iif(Not (IsNull(AB1)) And Not (IsNull(A4A)), nz(Iif(AB1>A4A, AB1, A4A)), Iif(Not (IsNull(AB1)), AB1, A4A))
- iv. AssessmentDate **(Sort3)**
 - 1. A3A or R4 or A4A
 - 2. This is a calculated field and is determined as follows:
 - a. AssessmentDate: Iif(IsNull(A3A), Iif(IsNull(R4), A4A, R4), A3A)
- v. DischargeDate (R4)
- vi. StateCalculatedMedicaidRUG
- vii. AssessmentInternalID **(Sort4)**
- viii. MedicareCodeQualifier (AA8B)
- ix. ResidentMedicaidID (AA7)
- x. Caid – True/False
 - 1. This is a calculated field and is determined as follows:
 - a. Caid: Iif(((MdsAllData![MedicareCodeQualifier]="6" Or MdsAllData![MedicareCodeQualifier] Like " "), (Iif(Len(MdsAllData![ResidentMedicaidID])=10 And IsNumeric(MdsAllData![ResidentMedicaidID])), True, False)), False)
- xi. IscElig – True/False (See 4.d. above)
- b. The results of this VB script are written to the “tblResults” table.

6. Sum the RUG days by RUG as follows:

- a. FacilityName (Group By)
- b. FacilityMedicaidID (Group By)
- c. RUG (Group By)
- d. Weight (Group By)
- e. Days (Sum)
- f. WgtXDays: [Weight]*[Days] (Expression)

7. Sum the RUG days by facility as follows:

- | | |
|---|--------------|
| a. FacilityMedicaidID | (Group By) |
| b. FacilityName | (Group By) |
| c. TotalDays: Sum(tblResults_DaysRugs_Sum!Days) | (Expression) |
| d. SumWgtXDays: WgtXDays | (Sum) |
| e. CaseMix: [SumWgtXDays]/[TotalDays] | (Expression) |

Notes:

- This version of the Case Mix calculation uses non-Medicaid assessment data only for a prior assessment/discharge date(s) and/or the prior assessment RUG score.
- MDS Section AA, question 8b (Codes for assessments required for Medicare PPS or the State) – Any value other than “6” or Null (blank or a space) is a Medicare assessment and would not be included in a Medicaid case mix calculation.
- ResidentMedicaidID – In addition to AA8B, this field is used to help in determining if a resident is Medicaid eligible.

Minimum Data Set (MDS) – Version 2.0 instructions for Section AA, question 7 states the following: “Medicaid No. [“+” if pending, “N” if not a Medicaid recipient].” There is a further note, via asterisk, that the field is a key item for computerized resident tracking.

We have noticed a variety of data in this field that do not follow the instructions for data entry. The facilities must correct this data or they are out of compliance. (Examples: APPLY, N/A, NONE, P, PENDING, etc.) We have also noted many instances where the SSN was used in the ResidentMedicaidID field. To be considered a Utah Medicaid assessment record, the following must be true:

- AA8B is “6” or Null **and**
 - ResidentMedicaidID is a 10-digit numeric or a “+” (the quotation marks would not actually be included in the field).
- Also refer to 5.a.x.1.a above for the syntax in determining whether an assessment is considered a Medicaid record.

Appendix A – MDS Case Mix Calculation Syntax

- Use Medicaid records and prior – non-Medicaid payor – records as appropriate for RUG
- Use the maximum date between Admit and the last Assessment/Discharge date

This routine writes the data to the results table.

```
Private Sub WriteResult(ByVal strFacility_toWrite As String, ByVal strSSN_toWrite As String, ByVal dtmBegin As Date, ByVal dtmEnd As Date, ByVal intDays As Integer,
ByVal strRUG_toWrite As String, ByVal strAssessmentID_toWrite As String)
    DoCmd.RunSQL "INSERT INTO tblResults(FacilityMedicaidID, SSN, dtmBegin, dtmEnd, intDays, strRUG, strAssessmentId)VALUES('" & strFacility_toWrite & "', '" &
strSSN_toWrite & "', #" & dtmBegin & "#, #" & dtmEnd & "#, " & intDays & ", '" & strRUG_toWrite & "', '" & strAssessmentID_toWrite & "')"
End Sub
```

This function determines the appropriate RUG to use.

```
Private Function DetermineRUG(ByVal blnNew As Boolean, ByVal dtmAdmit As Date, ByVal dtmAssessmentLast As Date, ByVal strRUG As String, ByVal strRUGLast As
String, ByVal strRugLast_Valid As String, ByVal strDefault As String) As String
    If Not blnNew Then
        If Not IsNull(dtmAdmit) Then
            If dtmAdmit > dtmAssessmentLast Then
                If strRUG <> "" Then
                    DetermineRUG = strRUG
                Else
                    'DetermineRUG = strDefault
                    If strRugLast_Valid = "" Then
                        DetermineRUG = strDefault
                    Else
                        DetermineRUG = strRugLast_Valid
                    End If
                End If
            End If
        Else
            If strRugLast_Valid <> "" Then
                DetermineRUG = strRugLast_Valid
            Else
                DetermineRUG = strDefault
            End If
            'If strRUGLast <> "" Then
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        ' DetermineRUG = strRugLast_Valid
    'Else
    ' DetermineRUG = strDefault
    'End If
End If
Else
    If strRugLast_Valid <> "" Then
        DetermineRUG = strRugLast_Valid
    Else
        DetermineRUG = strDefault
    End If
    'If strRugLast_Valid <> "" Then
    ' DetermineRUG = strRugLast
    'Else
    ' DetermineRUG = strDefault
    'End If
End If
Else
    If strRUG <> "" Then
        DetermineRUG = strRUG
    Else
        DetermineRUG = strDefault
    End If
End If
End Function

```

This routine calculates the case mix days, etc.

```

Private Sub Command8_Click()
Dim rs, rs2 As ADODB.Recordset
Dim strDefault, strFacility, strFacilityLast, strSSN, strSSNLast, strRUG, strRUGLast, strRugLast_Valid, strRUGFinal, strAssessmentId, strAssessmentIdLast As String
Dim dtmAssessment, dtmAssessmentLast, dtmAdmit, dtmBegin, dtmEndLast, dtmEnd, dtmDischarge, dtmDischargeLast, dtmIscBegin, dtmIscBeginLast, dtmIscEnd, dtmIscEndLast As Date
Dim intDays, intIscElig, intIscEligLast As Integer
Dim intRecords, intDone As Long
Dim blnCaid, blnCaidLast, blnClose, blnWrite, blnNew, blnPause As Boolean
Set rs = New ADODB.Recordset
Set rs2 = New ADODB.Recordset
pbProgress.Value = 0
Me.lbProgress.Caption = "Deleting Records"
DoEvents

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rs.Open "qryGetData", CurrentProject.AccessConnection, adOpenForwardOnly, adLockReadOnly
intRecords = rs.RecordCount
DoCmd.SetWarnings False
DoCmd.RunSQL "DELETE FROM tblResults"
DoCmd.RunSQL "DELETE FROM tblAnomalies"
strRUGLast = ""
intIscEligLast = 0
Me.lbProgress.Caption = "Running Query"
DoEvents
While Not rs.EOF
    strFacility = rs.Fields("FacilityMedicaidID")
    strSSN = rs.Fields("SSN")
    dtmAdmit = rs.Fields("AdmitDate")
    If IsNull(dtmAdmit) Then
        dtmAdmit = #12:00:00 AM#
    End If
    dtmAssessment = rs.Fields("AssessmentDate")
    dtmDischarge = rs.Fields("DischargeDate")
    strRUG = rs.Fields("StateCalculatedMedicaidRUG")
    If IsNull(strRUG) Then
        strRUG = ""
    End If
    strAssessmentId = rs.Fields("AssessmentInternalID")
    blnCaid = CBool(rs.Fields("Caid"))
    intIscElig = rs.Fields("IscElig")

    'Is the SSN valid (9-digits)
    If IsNumeric(strSSN) And Len(strSSN) = 9 Then
        'Is this a new person-facility pair?
        If strFacility = strFacilityLast And strSSN = strSSNLast Then
            blnNew = False
        Else
            blnNew = True
            dtmEndLast = #12:00:00 AM#
        End If

        'did the assessment occur in the middle of the period? If so, close out the period
        If blnNew And blnClose And dtmDischargeLast = #12:00:00 AM# Then
            dtmBegin = DateAdd("d", 1, dtmAssessmentLast)
            dtmEnd = Me.tbPeriodEnd.Value
            intDays = DateDiff("D", dtmBegin, dtmEnd) + 1
            strFacility_toWrite = strFacilityLast
        End If
    End If
End While

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strSSN_toWrite = strSSNLast
If strRUGLast = "" Then
  If strRugLast_Valid = "" Then
    strRUG_toWrite = strDefault
  Else
    strRUG_toWrite = strRugLast_Valid
  End If
Else
  strRUG_toWrite = strRUGLast
End If
'strRUG_toWrite = strRUGLast
strAssessmentID_toWrite = strAssessmentID_Last
If intIscEligLast = 0 Then
  Call WriteResult(strFacility_toWrite, strSSN_toWrite, dtmBegin, dtmEnd, intDays, strRUG_toWrite, strAssessmentID_toWrite)
End If
End If
blnClose = False

```

'Is this a Medicaid Record?

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If blnCaid Then
  blnWrite = False
  'Is this the same person-facility pair?
  If Not blnNew Then
    'Is there an Admit Date?
    If dtmAdmit <> #12:00:00 AM# Then
      If dtmAdmit < dtmAssessmentLast Then
        dtmAdmit = dtmAssessmentLast
      End If
      'Is the Admit Date in our range of interest?
      If dtmAdmit >= Me.tbPeriodBegin.Value And dtmAdmit <= Me.tbPeriodEnd.Value Then
        'Is the Assessment Date in our range of interest?
        If dtmAssessment >= Me.tbPeriodBegin.Value And dtmAssessment <= Me.tbPeriodEnd.Value Then
          'First(N)Admit(Y)AdmitInRange(Y)AssessInRange(Y)
          dtmBegin = dtmAdmit
          dtmEnd = dtmAssessment
          blnClose = True
          If dtmBegin = dtmEndLast Then
            dtmBegin = DateAdd("d", 1, dtmBegin)
          End If
          If dtmDischarge = dtmEnd Then

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    intDays = DateDiff("D", dtmBegin, dtmEnd)
Else
    intDays = DateDiff("D", dtmBegin, dtmEnd) + 1
End If
strFacility_toWrite = strFacility
strSSN_toWrite = strSSN
strDefault = "NYYY"
strRUG_toWrite = DetermineRUG(blnNew, dtmAdmit, dtmAssessmentLast, strRUG, strRUGLast, strRugLast_Valid, "NYYY")
blnWrite = True
'End of Line
ElseIf dtmAssessment > Me.tbPeriodEnd.Value Then
'First(N)Admit(Y)AdmitInRange(Y)AssessInRange(N)
dtmBegin = dtmAdmit
dtmEnd = Me.tbPeriodEnd.Value
If dtmBegin = dtmEndLast Then
    dtmBegin = DateAdd("d", 1, dtmBegin)
End If
If dtmDischarge = dtmEnd Then
    intDays = DateDiff("D", dtmBegin, dtmEnd)
Else
    intDays = DateDiff("D", dtmBegin, dtmEnd) + 1
End If
strFacility_toWrite = strFacility
strSSN_toWrite = strSSN
strDefault = "NYYN"
strRUG_toWrite = DetermineRUG(blnNew, dtmAdmit, dtmAssessmentLast, strRUG, strRUGLast, strRugLast_Valid, "NYYN")
blnWrite = True
'End of Line
End If
ElseIf dtmAdmit < Me.tbPeriodBegin.Value Then
'Is the Assessment Date in our range of interest?
If dtmAssessment >= Me.tbPeriodBegin.Value And dtmAssessment <= Me.tbPeriodEnd.Value Then
'First(N)Admit(Y)AdmitInRange(N)AssessInRange(Y)
dtmBegin = Me.tbPeriodBegin.Value
dtmEnd = dtmAssessment
blnClose = True
If dtmBegin = dtmEndLast Then
    dtmBegin = DateAdd("d", 1, dtmBegin)
End If
If dtmDischarge = dtmEnd Then
    intDays = DateDiff("D", dtmBegin, dtmEnd)
Else

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        intDays = DateDiff("D", dtmBegin, dtmEnd) + 1
    End If
    strFacility_toWrite = strFacility
    strSSN_toWrite = strSSN
    strDefault = "NYNY"
    strRUG_toWrite = DetermineRUG(blnNew, dtmAdmit, dtmAssessmentLast, strRUG, strRUGLast, strRugLast_Valid, "NYNY")
    blnWrite = True
    'End of Line
ElseIf dtmAssessment > Me.tbPeriodEnd.Value Then
    'First(N)Admit(Y)AdmitInRange(Y)AssessInRange(N)
    dtmBegin = Me.tbPeriodBegin.Value
    dtmEnd = Me.tbPeriodEnd.Value
    If dtmBegin = dtmEndLast Then
        dtmBegin = DateAdd("d", 1, dtmBegin)
    End If
    If dtmDischarge = dtmEnd Then
        intDays = DateDiff("D", dtmBegin, dtmEnd)
    Else
        intDays = DateDiff("D", dtmBegin, dtmEnd) + 1
    End If
    strFacility_toWrite = strFacility
    strSSN_toWrite = strSSN
    strDefault = "NYYN"
    strRUG_toWrite = DetermineRUG(blnNew, dtmAdmit, dtmAssessmentLast, strRUG, strRUGLast, strRugLast_Valid, "NYYN")
    blnWrite = True
    'End of Line
End If
End If
Else
    'Assign the Admit Date to the Last Assessment Date
    dtmAdmit = dtmAssessmentLast
    'Is the Admit Date in our range of interest?
    If dtmAdmit >= Me.tbPeriodBegin.Value And dtmAdmit <= Me.tbPeriodEnd.Value Then
        'Is the Assessment Date in our range of interest?
        If dtmAssessment >= Me.tbPeriodBegin.Value And dtmAssessment <= Me.tbPeriodEnd.Value Then
            'First(N)Admit(N)AdmitInRange(Y)AssessInRange(Y)
            dtmBegin = dtmAdmit
            dtmEnd = dtmAssessment
            blnClose = True
            If dtmBegin = dtmEndLast Then
                dtmBegin = DateAdd("d", 1, dtmBegin)
            End If

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If dtmDischarge = dtmEnd Then
    intDays = DateDiff("D", dtmBegin, dtmEnd)
Else
    intDays = DateDiff("D", dtmBegin, dtmEnd) + 1
End If
strFacility_toWrite = strFacility
strSSN_toWrite = strSSN
strDefault = "NNYY"
strRUG_toWrite = DetermineRUG(blnNew, dtmAdmit, dtmAssessmentLast, strRUG, strRUGLast, strRugLast_Valid, "NNYY")
blnWrite = True
'End of Line
ElseIf dtmAssessment > Me.tbPeriodEnd.Value Then
    'First(N)Admit(N)AdmitInRange(Y)AssessInRange(N)
    dtmBegin = dtmAdmit
    dtmEnd = Me.tbPeriodEnd.Value
    If dtmBegin = dtmEndLast Then
        dtmBegin = DateAdd("d", 1, dtmBegin)
    End If
    If dtmDischarge = dtmEnd Then
        intDays = DateDiff("D", dtmBegin, dtmEnd)
    Else
        intDays = DateDiff("D", dtmBegin, dtmEnd) + 1
    End If
    strFacility_toWrite = strFacility
    strSSN_toWrite = strSSN
    strDefault = "NNYN"
    strRUG_toWrite = DetermineRUG(blnNew, dtmAdmit, dtmAssessmentLast, strRUG, strRUGLast, strRugLast_Valid, "NNYN")
    blnWrite = True
    'End of Line
End If
ElseIf dtmAdmit < Me.tbPeriodBegin.Value Then
    'Is the Assessment Date in our range of interest?
    If dtmAssessment >= Me.tbPeriodBegin.Value And dtmAssessment <= Me.tbPeriodEnd.Value Then
        'First(N)Admit(N)AdmitInRange(N)AssessInRange(Y)
        dtmBegin = Me.tbPeriodBegin.Value
        dtmEnd = dtmAssessment
        blnClose = True
        If dtmBegin = dtmEndLast Then
            dtmBegin = DateAdd("d", 1, dtmBegin)
        End If
        If dtmDischarge = dtmEnd Then
            intDays = DateDiff("D", dtmBegin, dtmEnd)

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Else
    intDays = DateDiff("D", dtmBegin, dtmEnd) + 1
End If
strFacility_toWrite = strFacility
strSSN_toWrite = strSSN
strDefault = "NNNY"
strRUG_toWrite = DetermineRUG(blnNew, dtmAdmit, dtmAssessmentLast, strRUG, strRUGLast, strRugLast_Valid, "NNNY")
blnWrite = True
'End of Line
ElseIf dtmAssessment > Me.tbPeriodEnd.Value Then
    'First(N)Admit(N)AdmitInRange(N)AssessInRange(N)
    dtmBegin = Me.tbPeriodBegin.Value
    dtmEnd = Me.tbPeriodEnd.Value
    If dtmBegin = dtmEndLast Then
        dtmBegin = DateAdd("d", 1, dtmBegin)
    End If
    If dtmDischarge = dtmEnd Then
        intDays = DateDiff("D", dtmBegin, dtmEnd)
    Else
        intDays = DateDiff("D", dtmBegin, dtmEnd) + 1
    End If
    strFacility_toWrite = strFacility
    strSSN_toWrite = strSSN
    strDefault = "NNNN"
    strRUG_toWrite = DetermineRUG(blnNew, dtmAdmit, dtmAssessmentLast, strRUG, strRUGLast, strRugLast_Valid, "NNNN")
    blnWrite = True
    'End of Line
End If
End If
Else
    'Is there an Admit Date?
    If dtmAdmit <> #12:00:00 AM# Then
        'Is the Admit Date in our range of interest?
        If dtmAdmit >= Me.tbPeriodBegin.Value And dtmAdmit <= Me.tbPeriodEnd.Value Then
            'Is the Assessment Date in our range of interest?
            If dtmAssessment >= Me.tbPeriodBegin.Value And dtmAssessment <= Me.tbPeriodEnd.Value Then
                'First(Y)Admit(Y)AdmitInRange(Y)AssessInRange(Y)
                dtmBegin = dtmAdmit
                dtmEnd = dtmAssessment
                blnClose = True
                If dtmBegin = dtmEndLast Then

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    dtmBegin = DateAdd("d", 1, dtmBegin)
End If
If dtmDischarge = dtmEnd Then
    intDays = DateDiff("D", dtmBegin, dtmEnd)
Else
    intDays = DateDiff("D", dtmBegin, dtmEnd) + 1
End If
strFacility_toWrite = strFacility
strSSN_toWrite = strSSN
strDefault = "YYYY"
strRUG_toWrite = DetermineRUG(blnNew, dtmAdmit, dtmAssessmentLast, strRUG, strRUGLast, strRugLast_Valid, "YYYY")
blnWrite = True
'End of Line
ElseIf dtmAssessment > Me.tbPeriodEnd.Value Then
    'First(Y)Admit(Y)AdmitInRange(Y)AssessInRange(N)
    dtmBegin = dtmAdmit
    dtmEnd = Me.tbPeriodEnd.Value
    If dtmBegin = dtmEndLast Then
        dtmBegin = DateAdd("d", 1, dtmBegin)
    End If
    If dtmDischarge = dtmEnd Then
        intDays = DateDiff("D", dtmBegin, dtmEnd)
    Else
        intDays = DateDiff("D", dtmBegin, dtmEnd) + 1
    End If
    strFacility_toWrite = strFacility
    strSSN_toWrite = strSSN
    strDefault = "YYYN"
    strRUG_toWrite = DetermineRUG(blnNew, dtmAdmit, dtmAssessmentLast, strRUG, strRUGLast, strRugLast_Valid, "YYYN")
    blnWrite = True
    'End of Line
End If
ElseIf dtmAdmit < Me.tbPeriodBegin.Value Then
    'Is the Assessment Date in our range of interest?
    If dtmAssessment >= Me.tbPeriodBegin.Value And dtmAssessment <= Me.tbPeriodEnd.Value Then
        'First(Y)Admit(Y)AdmitInRange(N)AssessInRange(Y)
        dtmBegin = Me.tbPeriodBegin.Value
        dtmEnd = dtmAssessment
        blnClose = True
        If dtmBegin = dtmEndLast Then
            dtmBegin = DateAdd("d", 1, dtmBegin)
        End If
    End If

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If dtmDischarge = dtmEnd Then
    intDays = DateDiff("D", dtmBegin, dtmEnd)
Else
    intDays = DateDiff("D", dtmBegin, dtmEnd) + 1
End If
strFacility_toWrite = strFacility
strSSN_toWrite = strSSN
strDefault = "YYNY"
strRUG_toWrite = DetermineRUG(blnNew, dtmAdmit, dtmAssessmentLast, strRUG, strRUGLast, strRugLast_Valid, "YYNY")
blnWrite = True
'End of Line
ElseIf dtmAssessment > Me.tbPeriodEnd.Value Then
    'First(Y)Admit(Y)AdmitInRange(N)AssessInRange(N)
    dtmBegin = Me.tbPeriodBegin.Value
    dtmEnd = Me.tbPeriodEnd.Value
    If dtmBegin = dtmEndLast Then
        dtmBegin = DateAdd("d", 1, dtmBegin)
    End If
    If dtmDischarge = dtmEnd Then
        intDays = DateDiff("D", dtmBegin, dtmEnd)
    Else
        intDays = DateDiff("D", dtmBegin, dtmEnd) + 1
    End If
    strFacility_toWrite = strFacility
    strSSN_toWrite = strSSN
    strDefault = "YYNN"
    strRUG_toWrite = DetermineRUG(blnNew, dtmAdmit, dtmAssessmentLast, strRUG, strRUGLast, strRugLast_Valid, "YYNN")
    blnWrite = True
    'End of Line
End If
End If
Else
    'Is the Assessment Date in our range of interest?
    If dtmAssessment >= Me.tbPeriodBegin.Value And dtmAssessment <= Me.tbPeriodEnd.Value Then
        'First(Y)Admit(N)AdmitInRange(N)AssessInRange(Y)
        dtmBegin = Me.tbPeriodBegin.Value
        dtmEnd = dtmAssessment
        blnClose = True
        If dtmBegin = dtmEndLast Then
            dtmBegin = DateAdd("d", 1, dtmBegin)
        End If
        If dtmDischarge = dtmEnd Then

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```

        intDays = DateDiff("D", dtmBegin, dtmEnd)
    Else
        intDays = DateDiff("D", dtmBegin, dtmEnd) + 1
    End If
    strFacility_toWrite = strFacility
    strSSN_toWrite = strSSN
    strDefault = "YNNY"
    strRUG_toWrite = DetermineRUG(blnNew, dtmAdmit, dtmAssessmentLast, strRUG, strRUGLast, strRugLast_Valid, "YNNY")
    blnWrite = True
    'End of Line
ElseIf dtmAssessment > Me.tbPeriodEnd.Value Then
    'First(Y)Admit(N)AdmitInRange(N)AssessInRange(N)
    dtmBegin = Me.tbPeriodEnd.Value
    dtmEnd = Me.tbPeriodEnd.Value
    intDays = 0
    strFacility_toWrite = strFacility
    strSSN_toWrite = strSSN
    strDefault = "YNNN"
    strRUG_toWrite = DetermineRUG(blnNew, dtmAdmit, dtmAssessmentLast, strRUG, strRUGLast, strRugLast_Valid, "YNNN")
    blnWrite = True
    'End of Line
End If
End If
End If
If blnWrite Then
    strAssessmentID_toWrite = strAssessmentId
    If intIscElig = 0 Then
        Call WriteResult(strFacility_toWrite, strSSN_toWrite, dtmBegin, dtmEnd, intDays, strRUG_toWrite, strAssessmentID_toWrite)
    End If
    blnWrite = False
End If
End If
strFacilityLast = strFacility
strSSNLast = strSSN
strAssessmentID_Last = strAssessmentId
blnCaidLast = blnCaid
strRUGLast = strRUG
intIscEligLast = intIscElig
If blnNew Then
    strRugLast_Valid = strRUG
ElseIf strRUGLast <> "" Then
    strRugLast_Valid = strRUGLast

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```

End If
dtmAssessmentLast = dtmAssessment
If Not IsNull(dtmDischarge) Then
    dtmDischargeLast = dtmDischarge
Else
    dtmDischargeLast = #12:00:00 AM#
End If
dtmEndLast = dtmEnd
dtmIscBeginLast = dtmIscBegin
dtmIscEndLast = dtmIscEnd
End If
intDone = intDone + 1
pbProgress.Value = (intDone / intRecords) * 100
If (intDone / 1000) = CInt(intDone / 1000) Then
    DoEvents
End If
rs.MoveNext
Wend
rs.Close

'Finish with the last record
If blnClose And Nz(dtmDischarge, #12:00:00 AM#) = #12:00:00 AM# Then
    dtmBegin = DateAdd("d", 1, dtmAssessmentLast)
    dtmEnd = Me.tbPeriodEnd.Value
    intDays = DateDiff("D", dtmBegin, dtmEnd) + 1
    strFacility_toWrite = strFacilityLast
    strSSN_toWrite = strSSNLast
    If strRUGLast = "" Then
        If strRugLast_Valid = "" Then
            strRUG_toWrite = strDefault
        Else
            strRUG_toWrite = strRugLast_Valid
        End If
    Else
        strRUG_toWrite = strRUGLast
    End If
    strAssessmentID_toWrite = strAssessmentID_Last
    If intIscElig = 0 Then
        Call WriteResult(strFacility_toWrite, strSSN_toWrite, dtmBegin, dtmEnd, intDays, strRUG_toWrite, strAssessmentID_toWrite)
    End If
End If

```

```
Me.lbProgress.Caption = "FINISHED!"  
DoEvents
```

```
Set rs = Nothing  
Set rs2 = Nothing
```

```
DoCmd.SetWarnings True  
End Sub
```