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Overview

Description

The new T-SQL stored procedures contain the SQL syntax to efficiently query pRE Cycletime Timeliness data within the Microsoft SQL Server database(s). The underlying logic has been ported from the validated JET (MS Access) queries as they exist in MITS version 8.7.

Usage

The stored procedures can be executed via the SQL Management Studios Query window or through an application pass-through query via ODBC. The execution syntax requires the name of the stored procedure and a date range in the following format:

```
[Start date:MM/DD/YYYY], [End date:MM/DD/YYYY]
```

For example:

```
Exec sp_sel_cycletime_exec_ytd '01/01/2009', '12/31/2009'
```

Implementation

Within the MITS application database container (MDB) there are three (3) pass-through queries with the exact same name as the stored procedures. Prior to executing one of these pass-through queries the application logic updates the connection string, updates the ODBC timeout property and inserts the date range values.

Permissions

```
GRANT EXECUTE ON [dbo].[sp_sel_cycletime_exec_month_detail_non_pre] TO [NORTHAMERICA\ABTctx-DL-ADDMITS]
GRANT EXECUTE ON [dbo].[sp_sel_cycletime_exec_month_detail_pre] TO [NORTHAMERICA\ABTctx-DL-ADDMITS]
GRANT EXECUTE ON [dbo].[sp_sel_cycletime_exec_ytd] TO [NORTHAMERICA\ABTctx-DL-ADDMITS]
GRANT VIEW DEFINITION ON [dbo].[sp_sel_cycletime_exec_ytd] TO [NORTHAMERICA\ABTctx-DL-ADDMITS]
```

sp_sel_cycletime_exec_month_detail_non_pre

```

/***** Object:  StoredProcedure [dbo].[sp_sel_cycletime_exec_month_detail_non_pre]      Script Date: 05/01/2009 10:05:10
*****/

SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
-- =====
-- Author:      Scott C. Krause
-- Create date: 04/27/2009
-- Description:  Cycletime exec month detail non-pre
-- =====
CREATE PROCEDURE [dbo].[sp_sel_cycletime_exec_month_detail_non_pre]
    -- Add the parameters for the stored procedure here
    @pROStart datetime = '01/01/2009',
    @pROEnd datetime = '12/31/2009'
AS
BEGIN
    -- SET NOCOUNT ON added to prevent extra result sets from
    -- interfering with SELECT statements.
    SET NOCOUNT ON;

    -- Insert statements for procedure here
    SELECT DISTINCT region_list.Region,
        region_list.Country,
        MDR_Master.IR,
        MDR_Master.Reporting_Center As [Reporting Center],
        MDR_Master.Abbott_Aware_Date As [Abbott Aware Date],
        MDR_Master.Date_Received_by_Regulatory As [Date Received by Regulatory],
        Convert(char(12), (Abbott_Aware_Date + 30), 106) AS DueDate,
        Convert(char(12), Print_Date, 106) AS PrintDate,
        DateDiff("d", Abbott_Aware_Date, Print_Date) AS [Aware-EOP],
        DateDiff("d", Date_Received_by_Regulatory, Print_Date) AS [Date Rcvd-EOP],
        1 AS Complaints,
        DateDiff("d", Abbott_Aware_Date, Date_Received_by_Regulatory) AS [Aware-Date Rcvd by MEG],
        Case When DateDiff("d", Abbott_Aware_Date, Print_Date) > 30 then 1 else 0 end AS Late,
        'NR' AS Type,
    Timliness =
    Case
        When DateDiff("d", Abbott_Aware_Date, Date_Received_by_Regulatory) < 16 Then '<= 15 days'
    
```

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```

        When DateDiff("d",Abbott_Aware_Date, Date_Received_by_Regulatory) > 15 And
DateDiff("d",Abbott_Aware_Date,Date_Received_by_Regulatory) < 26 Then '16-25 days'
        When DateDiff("d",Abbott_Aware_Date, Date_Received_by_Regulatory) > 25 And
DateDiff("d",Abbott_Aware_Date,Date_Received_by_Regulatory) < 31 Then '26-30 days'
        When DateDiff("d",Abbott_Aware_Date, Date_Received_by_Regulatory) > 30 Then '>30 days'
End,
tempCATS_T_H.MDR_CODE
FROM ((MDR_Master INNER JOIN region_list ON MDR_Master.Country_Abbr = region_list.Country_Abbr) LEFT JOIN
MedWatch ON MDR_Master.IR = MedWatch.IR) LEFT JOIN
tempCATS_T_H ON (MDR_Master.Ticket#1 = tempCATS_T_H.TICKET_NUM AND REPLACE(LTRIM(REPLACE(mdr_master.[center#1],
'0', ' '), ' '), '0') = tempCATS_T_H.CENTER_NUM)
WHERE (
        (Print_Date Between @pR0Start And @pR0End)
        ) AND (
        ((MDR_Master.Process_Indicator)=2)
        ) AND (
        ((tempCATS_T_H.MDR_CODE <> 'Y') OR (tempCATS_T_H.MDR_CODE IS NULL))
        )

UNION ALL

SELECT DISTINCT region_list.Region,
region_list.Country,
MDR_Master.IR,
MDR_Master.Reporting_Center,
Convert(char(12), MDR_Master.Abbott_Aware_Date, 106) AS Abbott_Aware_Date_f,
Convert(char(12), MDR_Master.Date_Received_by_Regulatory, 106) AS Date_Received_by_Regulatory_f,
Convert(char(12), MDR_Master.MDI_Due_Date, 106) AS DueDate,
Convert(char(12), IntlReportableNew.Final_Report_Date, 106) AS PrintDate,
DateDiff("d", MDR_Master.Abbott_Aware_Date, IntlReportableNew.Date_of_this_report_a) AS [Aware-EOP],
DateDiff("d", MDR_Master.Date_Received_by_Regulatory, IntlReportableNew.Final_Report_Date) AS [Date Rcvd-EOP],
1 AS Complaints,
DateDiff("d", MDR_Master.Abbott_Aware_Date, MDR_Master.Date_Received_by_Regulatory) AS [Aware-Date Rcvd by MEG],
Case When IntlReportableNew.Final_Report_Date > MDR_Master.MDI_Due_Date then 1 else 0 end AS Late,
'MDI' AS Type,
Timliness =
Case
        When DateDiff("d", MDR_Master.Abbott_Aware_Date, MDR_Master.Date_Received_by_Regulatory) < 16 Then '<= 15 days'
        When DateDiff("d", MDR_Master.Abbott_Aware_Date, MDR_Master.Date_Received_by_Regulatory) > 15 And DateDiff("d",
MDR_Master.Abbott_Aware_Date, MDR_Master.Date_Received_by_Regulatory) < 26 Then '16-25 days'
        When DateDiff("d", MDR_Master.Abbott_Aware_Date, MDR_Master.Date_Received_by_Regulatory) > 25 And DateDiff("d",
MDR_Master.Abbott_Aware_Date, MDR_Master.Date_Received_by_Regulatory) < 31 Then '26-30 days'

```

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```

        When DateDiff("d", MDR_Master.Abbott_Aware_Date, MDR_Master.Date_Received_by_Regulatory) > 30 Then '>30 days'
End,
    tempCATS_T_H.MDR_CODE
FROM ((MDR_Master INNER JOIN IntlReportableNew ON MDR_Master.IR = IntlReportableNew.IR) INNER JOIN
    region_list ON MDR_Master.Country_Abbr = region_list.Country_Abbr) LEFT JOIN
    MedWatch ON MDR_Master.IR = MedWatch.IR) LEFT JOIN
    tempCATS_T_H ON (MDR_Master.Ticket#1 = tempCATS_T_H.TICKET_NUM AND REPLACE(LTRIM(REPLACE(mdr_master.[center#1],
'0', ' ')), ' ', '0') = tempCATS_T_H.CENTER_NUM)

WHERE (
    (IntlReportableNew.Final_Report_Date Between @pR0Start And @pR0End)
    ) AND (
    ((tempCATS_T_H.MDR_CODE <> 'Y') OR (tempCATS_T_H.MDR_CODE IS NULL))
    ) AND (
    (
        (substring(MDR_Master.[ir],(len(MDR_Master.[ir]) - 2),1) <> '-')
    ) OR (
        ((substring(MDR_Master.[ir],(len(MDR_Master.[ir]) - 2),1) = '-') AND
        ((right(MDR_Master.[ir], 3)) Like '-%0'))
    )
    )
)

UNION ALL

SELECT DISTINCT region_list.Region,
    region_list.Country,
    MDR_Master.IR,
    MDR_Master.Reporting_Center,
    MDR_Master.Abbott_Aware_Date,
    MDR_Master.Date_Received_by_Regulatory,
    MDR_Master.MDR_Due_Date AS DueDate,
    MDR_Master.Print_Date AS PrintDate,
    DateDiff("d", MDR_Master.Abbott_Aware_Date, MDR_Master.Print_Date) AS [Aware-EOP],
    DateDiff("d", MDR_Master.Date_Received_by_Regulatory, MDR_Master.Print_Date) AS [Date Rcvd-EOP],
    1 AS Complaints,
    DateDiff("d", MDR_Master.Abbott_Aware_Date, MDR_Master.Date_Received_by_Regulatory) AS [Aware-Date Rcvd by MEG],
    Case When MDR_Master.Print_Date > MDR_Master.MDR_Due_Date then 1 else 0 end AS Late,
    Case When MedWatch.If_action_reported_to_FDA_unde IS NULL then 'MDR' else 'MDR FA' end AS Type,
Timeliness =
Case
    When DateDiff("d", MDR_Master.Abbott_Aware_Date, MDR_Master.Date_Received_by_Regulatory) < 16 Then '<= 15 days'

```

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```
        When DateDiff("d", MDR_Master.Abbott_Aware_Date, MDR_Master.Date_Received_by_Regulatory) > 15 And DateDiff("d",
MDR_Master.Abbott_Aware_Date, MDR_Master.Date_Received_by_Regulatory) < 26 Then '16-25 days'
        When DateDiff("d", MDR_Master.Abbott_Aware_Date, MDR_Master.Date_Received_by_Regulatory) > 25 And DateDiff("d",
MDR_Master.Abbott_Aware_Date, MDR_Master.Date_Received_by_Regulatory) < 31 Then '26-30 days'
        When DateDiff("d", MDR_Master.Abbott_Aware_Date, MDR_Master.Date_Received_by_Regulatory) > 30 Then '>30 days'
End,
tempCATS_T_H.MDR_CODE
FROM ((MDR_Master INNER JOIN region_list ON MDR_Master.Country_Abbr = region_list.Country_Abbr) LEFT JOIN
MedWatch ON MDR_Master.IR = MedWatch.IR) LEFT JOIN
tempCATS_T_H ON (MDR_Master.Ticket#1 = tempCATS_T_H.TICKET_NUM AND REPLACE(LTRIM(REPLACE(mdr_master.[center#1],
'0', ' ')), ' ', '0') = tempCATS_T_H.CENTER_NUM)
WHERE (
        (MDR_Master.Print_Date Between @pR0Start And @pR0End) AND
        (MDR_Master.Process_Indicator = 5) AND (substring(MDR_Master.[ir],(len(MDR_Master.[ir]) - 2),1) <>
'-' ) AND
        ((tempCATS_T_H.MDR_CODE <> 'Y') OR (tempCATS_T_H.MDR_CODE IS NULL))
    ) OR (
        (MDR_Master.Print_Date Between @pR0Start And @pR0End) AND
        (MDR_Master.Process_Indicator = 5) AND
        (substring(MDR_Master.[ir],(len(MDR_Master.[ir]) - 2),1) = '-') AND
        right(MDR_Master.IR, 3) Like '-%0' AND
        ((tempCATS_T_H.MDR_CODE <> 'Y') OR (tempCATS_T_H.MDR_CODE IS NULL))
    ) OR (
        (MDR_Master.Print_Date Between @pR0Start And @pR0End) AND
        (MDR_Master.Process_Indicator =15) AND
        (substring(MDR_Master.[ir],(len(MDR_Master.[ir]) - 2),1) <> '-') AND
        ((tempCATS_T_H.MDR_CODE <> 'Y') OR (tempCATS_T_H.MDR_CODE IS NULL))
    ) OR (
        (MDR_Master.Print_Date Between @pR0Start And @pR0End) AND
        (MDR_Master.Process_Indicator =15) AND
        (substring(MDR_Master.[ir],(len(MDR_Master.[ir]) - 2),1) = '-') AND
        right(MDR_Master.IR, 3) Like '-%0' AND
        ((tempCATS_T_H.MDR_CODE <> 'Y') OR (tempCATS_T_H.MDR_CODE IS NULL))
    )
ORDER BY Region, Country, PrintDate, Type
END
```

sp_sel_cycletime_exec_month_detail_pre

```

/***** Object:  StoredProcedure [dbo].[sp_sel_cycletime_exec_month_detail_pre]      Script Date: 05/01/2009 10:09:39
*****/
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
-- =====
-- Author:      Scott C. Krause
-- Create date: 04/27/2009
-- Description:  Cycletime Exec Month Detail pRE
-- =====
CREATE PROCEDURE [dbo].[sp_sel_cycletime_exec_month_detail_pre]
    -- Add the parameters for the stored procedure here
    @pR0Start datetime = '01/01/2009',
    @pR0End datetime = '12/31/2009'
AS
BEGIN
    -- SET NOCOUNT ON added to prevent extra result sets from
    -- interfering with SELECT statements.
    SET NOCOUNT ON;

    -- Insert statements for procedure here
    SELECT DISTINCT region_list.Region,
        region_list.Country,
        MDR_Master.IR,
        MDR_Master.Reporting_Center As [Reporting Center],
        MDR_Master.Abbott_Aware_Date As [Abbott Aware Date],
        MDR_Master.Date_Received_by_Regulatory As [Date Received by Regulatory],
        Convert(char(12), (Abbott_Aware_Date + 30), 106) AS DueDate,
        Convert(char(12), Print_Date, 106) AS PrintDate,
        DateDiff("d", Abbott_Aware_Date, Print_Date) AS [Aware-EOP],
        DateDiff("d", Date_Received_by_Regulatory, Print_Date) AS [Date Rcvd-EOP],
        1 AS Complaints,
        DateDiff("d", Abbott_Aware_Date, Date_Received_by_Regulatory) AS [Aware-Date Rcvd by MEG],
        Case When DateDiff("d", Abbott_Aware_Date, Print_Date) > 30 then 1 else 0 end AS Late,
        'NR' AS Type,
    Timliness =
    Case
        When DateDiff("d", Abbott_Aware_Date, Date_Received_by_Regulatory) < 16 Then '<= 15 days'
    
```

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```

        When DateDiff("d",Abbott_Aware_Date, Date_Received_by_Regulatory) > 15 And
DateDiff("d",Abbott_Aware_Date,Date_Received_by_Regulatory) < 26 Then '16-25 days'
        When DateDiff("d",Abbott_Aware_Date, Date_Received_by_Regulatory) > 25 And
DateDiff("d",Abbott_Aware_Date,Date_Received_by_Regulatory) < 31 Then '26-30 days'
        When DateDiff("d",Abbott_Aware_Date, Date_Received_by_Regulatory) > 30 Then '>30 days'
End,
tempCATS_T_H.MDR_CODE
FROM ((MDR_Master INNER JOIN region_list ON MDR_Master.Country_Abbr = region_list.Country_Abbr) LEFT JOIN
MedWatch ON MDR_Master.IR = MedWatch.IR) LEFT JOIN
tempCATS_T_H ON (MDR_Master.Ticket#1 = tempCATS_T_H.TICKET_NUM AND REPLACE(LTRIM(REPLACE(mdr_master.[center#1],
'0', ' '), ' '), '0') = tempCATS_T_H.CENTER_NUM)
WHERE (
        (Print_Date Between @pR0Start And @pR0End)
    ) AND (
        ((MDR_Master.Process_Indicator)=2)
    ) AND (
        (tempCATS_T_H.MDR_CODE = 'Y')
    )
)

UNION ALL

SELECT DISTINCT region_list.Region,
region_list.Country,
MDR_Master.IR,
MDR_Master.Reporting_Center,
Convert(char(12), MDR_Master.Abbott_Aware_Date, 106) AS Abbott_Aware_Date_f,
Convert(char(12), MDR_Master.Date_Received_by_Regulatory, 106) AS Date_Received_by_Regulatory_f,
Convert(char(12), MDR_Master.MDI_Due_Date, 106) AS DueDate,
Convert(char(12), IntlReportableNew.Final_Report_Date, 106) AS PrintDate,
DateDiff("d", MDR_Master.Abbott_Aware_Date, IntlReportableNew.Date_of_this_report_a) AS [Aware-EOP],
DateDiff("d", MDR_Master.Date_Received_by_Regulatory, IntlReportableNew.Final_Report_Date) AS [Date Rcvd-EOP],
1 AS Complaints,
DateDiff("d", MDR_Master.Abbott_Aware_Date, MDR_Master.Date_Received_by_Regulatory) AS [Aware-Date Rcvd by MEG],
Case When IntlReportableNew.Final_Report_Date > MDR_Master.MDI_Due_Date then 1 else 0 end AS Late,
'MDI' AS Type,
Timliness =
Case
    When DateDiff("d", MDR_Master.Abbott_Aware_Date, MDR_Master.Date_Received_by_Regulatory) < 16 Then '<= 15 days'
    When DateDiff("d", MDR_Master.Abbott_Aware_Date, MDR_Master.Date_Received_by_Regulatory) > 15 And DateDiff("d",
MDR_Master.Abbott_Aware_Date, MDR_Master.Date_Received_by_Regulatory) < 26 Then '16-25 days'
    When DateDiff("d", MDR_Master.Abbott_Aware_Date, MDR_Master.Date_Received_by_Regulatory) > 25 And DateDiff("d",
MDR_Master.Abbott_Aware_Date, MDR_Master.Date_Received_by_Regulatory) < 31 Then '26-30 days'

```


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```

        When DateDiff("d", MDR_Master.Abbott_Aware_Date, MDR_Master.Date_Received_by_Regulatory) > 30 Then '>30 days'
End,
    tempCATS_T_H.MDR_CODE
FROM ((MDR_Master INNER JOIN IntlReportableNew ON MDR_Master.IR = IntlReportableNew.IR) INNER JOIN
    region_list ON MDR_Master.Country_Abbr = region_list.Country_Abbr) LEFT JOIN
    MedWatch ON MDR_Master.IR = MedWatch.IR) LEFT JOIN
    tempCATS_T_H ON (MDR_Master.Ticket#1 = tempCATS_T_H.TICKET_NUM AND REPLACE(LTRIM(REPLACE(mdr_master.[center#1],
'0', ' ')), ' ', '0') = tempCATS_T_H.CENTER_NUM)

WHERE (
    (IntlReportableNew.Final_Report_Date Between @pR0Start And @pR0End)
    ) AND (
        (tempCATS_T_H.MDR_CODE = 'Y')
    ) AND (
        (
            (substring(MDR_Master.[ir],(len(MDR_Master.[ir]) - 2),1) <> '-')
        ) OR (
            ((substring(MDR_Master.[ir],(len(MDR_Master.[ir]) - 2),1) = '-') AND
            ((right(MDR_Master.[ir], 3)) Like '-%0'))
        )
    )
)

UNION ALL

SELECT DISTINCT region_list.Region,
    region_list.Country,
    MDR_Master.IR,
    MDR_Master.Reporting_Center,
    MDR_Master.Abbott_Aware_Date,
    MDR_Master.Date_Received_by_Regulatory,
    MDR_Master.MDR_Due_Date AS DueDate,
    MDR_Master.Print_Date AS PrintDate,
    DateDiff("d", MDR_Master.Abbott_Aware_Date, MDR_Master.Print_Date) AS [Aware-EOP],
    DateDiff("d", MDR_Master.Date_Received_by_Regulatory, MDR_Master.Print_Date) AS [Date Rcvd-EOP],
    1 AS Complaints,
    DateDiff("d", MDR_Master.Abbott_Aware_Date, MDR_Master.Date_Received_by_Regulatory) AS [Aware-Date Rcvd by MEG],
    Case When MDR_Master.Print_Date > MDR_Master.MDR_Due_Date then 1 else 0 end AS Late,
    Case When MedWatch.If_action_reported_to_FDA_unde IS NULL then 'MDR' else 'MDR FA' end AS Type,
Timeliness =
Case
    When DateDiff("d", MDR_Master.Abbott_Aware_Date, MDR_Master.Date_Received_by_Regulatory) < 16 Then '<= 15 days'

```

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```

        When DateDiff("d", MDR_Master.Abbott_Aware_Date, MDR_Master.Date_Received_by_Regulatory) > 15 And DateDiff("d",
MDR_Master.Abbott_Aware_Date, MDR_Master.Date_Received_by_Regulatory) < 26 Then '16-25 days'
        When DateDiff("d", MDR_Master.Abbott_Aware_Date, MDR_Master.Date_Received_by_Regulatory) > 25 And DateDiff("d",
MDR_Master.Abbott_Aware_Date, MDR_Master.Date_Received_by_Regulatory) < 31 Then '26-30 days'
        When DateDiff("d", MDR_Master.Abbott_Aware_Date, MDR_Master.Date_Received_by_Regulatory) > 30 Then '>30 days'
End,
tempCATS_T_H.MDR_CODE
FROM ((MDR_Master INNER JOIN region_list ON MDR_Master.Country_Abbr = region_list.Country_Abbr) LEFT JOIN
MedWatch ON MDR_Master.IR = MedWatch.IR) LEFT JOIN
tempCATS_T_H ON (MDR_Master.Ticket#1 = tempCATS_T_H.TICKET_NUM AND REPLACE(LTRIM(REPLACE(mdr_master.[center#1],
'0', ' ')), ' ', '0') = tempCATS_T_H.CENTER_NUM)
WHERE (
        (MDR_Master.Print_Date Between @pR0Start And @pR0End) AND
        (MDR_Master.Process_Indicator = 5) AND (substring(MDR_Master.[ir],(len(MDR_Master.[ir]) - 2),1) <>
'-' ) AND
        (tempCATS_T_H.MDR_CODE = 'Y')
    ) OR (
        (MDR_Master.Print_Date Between @pR0Start And @pR0End) AND
        (MDR_Master.Process_Indicator = 5) AND
        (substring(MDR_Master.[ir],(len(MDR_Master.[ir]) - 2),1) = '-' ) AND
        right(MDR_Master.IR, 3) Like '-%0' AND
        (tempCATS_T_H.MDR_CODE = 'Y')
    ) OR (
        (MDR_Master.Print_Date Between @pR0Start And @pR0End) AND
        (MDR_Master.Process_Indicator =15) AND
        (substring(MDR_Master.[ir],(len(MDR_Master.[ir]) - 2),1) <> '-' ) AND
        (tempCATS_T_H.MDR_CODE = 'Y')
    ) OR (
        (MDR_Master.Print_Date Between @pR0Start And @pR0End) AND
        (MDR_Master.Process_Indicator =15) AND
        (substring(MDR_Master.[ir],(len(MDR_Master.[ir]) - 2),1) = '-' ) AND
        right(MDR_Master.IR, 3) Like '-%0' AND
        (tempCATS_T_H.MDR_CODE = 'Y')
    )
)
ORDER BY Region, Country, PrintDate, Type
END

```

sp_sel_cycletime_exec_ytd

```

/***** Object:  StoredProcedure [dbo].[sp_sel_cycletime_exec_ytd]    Script Date: 05/01/2009 10:10:42 *****/
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
-- =====
-- Author:      Scott C. Krause
-- Create date: 04/13/2009
-- Description:  sel_cycletime_exec_ytd
-- =====
CREATE PROCEDURE [dbo].[sp_sel_cycletime_exec_ytd]
    -- Add the parameters for the stored procedure here
    @pR0Start datetime = '01/01/2009',
    @pR0End datetime = '12/31/2009'
AS
BEGIN
    -- SET NOCOUNT ON added to prevent extra result sets from
    -- interfering with SELECT statements.
    SET NOCOUNT ON;

    -- Insert statements for procedure here
    SELECT DISTINCT region_list.Region, region_list.Country, MDR_Master.IR, MDR_Master.Reporting_Center,
        Convert(char(12), Abbott_Aware_Date, 106) AS Abbott_Aware_Date_f,
        Convert(char(12), Date_Received_by_Regulatory, 106) AS Date_Received_by_Regulatory,
        Convert(char(12), (Abbott_Aware_Date + 30), 106) AS DueDate,
        Convert(char(12), Print_Date, 106) AS PrintDate,
        DateDiff("d", Abbott_Aware_Date, Print_Date) AS [Aware-EOP],
        DateDiff("d", Date_Received_by_Regulatory, Print_Date) AS [Date Rcvd-EOP],
        1 AS Complaints,
        DateDiff("d", Abbott_Aware_Date, Date_Received_by_Regulatory) AS [Aware-Date Rcvd by MEG],
        Case When DateDiff("d", Abbott_Aware_Date, Print_Date) > 30 then 1 else 0 end AS Late,
        'NR' AS Type,
    Timliness =
    Case
        When DateDiff("d", Abbott_Aware_Date, Date_Received_by_Regulatory) < 16 Then '<= 15 days'
        When DateDiff("d", Abbott_Aware_Date, Date_Received_by_Regulatory) > 15 And
        DateDiff("d", Abbott_Aware_Date, Date_Received_by_Regulatory) < 26 Then '16-25 days'
        When DateDiff("d", Abbott_Aware_Date, Date_Received_by_Regulatory) > 25 And
        DateDiff("d", Abbott_Aware_Date, Date_Received_by_Regulatory) < 31 Then '26-30 days'
    End

```

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```

        When DateDiff("d", Abbott_Aware_Date, Date_Received_by_Regulatory) > 30 Then '>30 days'
End,
    tempCATS_T_H.MDR_CODE,
    tempCATS_T_H.DATE_OPENED,
    tempCATS_T_H.DATE_ENTERED
FROM ((MDR_Master INNER JOIN region_list ON MDR_Master.Country_Abbr = region_list.Country_Abbr) LEFT JOIN
    MedWatch ON MDR_Master.IR = MedWatch.IR) LEFT JOIN
    tempCATS_T_H ON (MDR_Master.Ticket#1 = tempCATS_T_H.TICKET_NUM AND REPLACE(LTRIM(REPLACE(mdr_master.[center#1],
'0', ' ')), ' ', '0') = tempCATS_T_H.CENTER_NUM)
WHERE (
    (Print_Date Between @pR0Start And @pR0End)
    ) AND (
    ((MDR_Master.Process_Indicator)=2)
    )
UNION ALL
SELECT DISTINCT region_list.Region,
    region_list.Country,
    MDR_Master.IR,
    MDR_Master.Reporting_Center,
    Convert(char(12), MDR_Master.Abbott_Aware_Date, 106) As Abbott_Aware_Date_f,
    Convert(char(12), MDR_Master.Date_Received_by_Regulatory, 106) As Date_Received_by_Regulatory_f,
    Convert(char(12), MDR_Master.MDI_Due_Date, 106) AS DueDate,
    Convert(char(12), IntlReportableNew.Final_Report_Date, 106) AS PrintDate,
    DateDiff("d", MDR_Master.Abbott_Aware_Date, IntlReportableNew.Date_of_this_report_a) AS [Aware-EOP],
    DateDiff("d", MDR_Master.Date_Received_by_Regulatory, IntlReportableNew.Final_Report_Date) AS [Date Rcvd-EOP],
    1 AS Complaints,
    DateDiff("d", MDR_Master.Abbott_Aware_Date, MDR_Master.Date_Received_by_Regulatory) AS [Aware-Date Rcvd by MEG],
    Case When IntlReportableNew.Final_Report_Date > MDR_Master.MDI_Due_Date then 1 else 0 end AS Late,
    'MDI' AS Type,
Timeliness =
Case
    When DateDiff("d", MDR_Master.Abbott_Aware_Date, MDR_Master.Date_Received_by_Regulatory) < 16 Then '<= 15 days'
    When DateDiff("d", MDR_Master.Abbott_Aware_Date, MDR_Master.Date_Received_by_Regulatory) > 15 And DateDiff("d",
MDR_Master.Abbott_Aware_Date, MDR_Master.Date_Received_by_Regulatory) < 26 Then '16-25 days'
    When DateDiff("d", MDR_Master.Abbott_Aware_Date, MDR_Master.Date_Received_by_Regulatory) > 25 And DateDiff("d",
MDR_Master.Abbott_Aware_Date, MDR_Master.Date_Received_by_Regulatory) < 31 Then '26-30 days'
    When DateDiff("d", MDR_Master.Abbott_Aware_Date, MDR_Master.Date_Received_by_Regulatory) > 30 Then '>30 days'
End,
    tempCATS_T_H.MDR_CODE,
    tempCATS_T_H.DATE_OPENED,
    tempCATS_T_H.DATE_ENTERED
FROM (((MDR_Master INNER JOIN IntlReportableNew ON MDR_Master.IR = IntlReportableNew.IR) INNER JOIN

```

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region_list ON MDR_Master.Country_Abbr = region_list.Country_Abbr) LEFT JOIN
MedWatch ON MDR_Master.IR = MedWatch.IR) LEFT JOIN
tempCATS_T_H ON (MDR_Master.Ticket#1 = tempCATS_T_H.TICKET_NUM AND REPLACE(LTRIM(REPLACE(mdr_master.[center#1],
'0', ' ')), ' ', '0') = tempCATS_T_H.CENTER_NUM)
WHERE (
    (IntlReportableNew.Final_Report_Date Between @pR0Start And @pR0End)
    ) AND (
    (
        (substring(MDR_Master.[ir],(len(MDR_Master.[ir]) - 2),1) <> '-')
    ) OR (
        ((substring(MDR_Master.[ir],(len(MDR_Master.[ir]) - 2),1) = '-') AND
        ((right(MDR_Master.[ir], 3)) Like '-%0'))
    )
    )
UNION ALL
SELECT DISTINCT region_list.Region, region_list.Country, MDR_Master.IR, MDR_Master.Reporting_Center,
MDR_Master.Abbott_Aware_Date, MDR_Master.Date_Received_by_Regulatory,
MDR_Master.MDR_Due_Date AS DueDate, MDR_Master.Print_Date AS PrintDate,
DateDiff("d", MDR_Master.Abbott_Aware_Date, MDR_Master.Print_Date) AS [Aware-EOP],
DateDiff("d", MDR_Master.Date_Received_by_Regulatory, MDR_Master.Print_Date) AS [Date Rcvd-EOP],
1 AS Complaints,
DateDiff("d", MDR_Master.Abbott_Aware_Date, MDR_Master.Date_Received_by_Regulatory) AS [Aware-Date Rcvd by MEG],
Case When MDR_Master.Print_Date > MDR_Master.MDR_Due_Date then 1 else 0 end AS Late,
Case When MedWatch.If_action_reported_to_FDA_unde IS NULL then 'MDR' else 'MDR FA' end AS Type,
Timeliness =
Case
    When DateDiff("d", MDR_Master.Abbott_Aware_Date, MDR_Master.Date_Received_by_Regulatory) < 16 Then '<= 15 days'
    When DateDiff("d", MDR_Master.Abbott_Aware_Date, MDR_Master.Date_Received_by_Regulatory) > 15 And DateDiff("d",
MDR_Master.Abbott_Aware_Date, MDR_Master.Date_Received_by_Regulatory) < 26 Then '16-25 days'
    When DateDiff("d", MDR_Master.Abbott_Aware_Date, MDR_Master.Date_Received_by_Regulatory) > 25 And DateDiff("d",
MDR_Master.Abbott_Aware_Date, MDR_Master.Date_Received_by_Regulatory) < 31 Then '26-30 days'
    When DateDiff("d", MDR_Master.Abbott_Aware_Date, MDR_Master.Date_Received_by_Regulatory) > 30 Then '>30 days'
End,
tempCATS_T_H.MDR_CODE,
tempCATS_T_H.DATE_OPENED,
tempCATS_T_H.DATE_ENTERED
FROM ((MDR_Master INNER JOIN region_list ON MDR_Master.Country_Abbr = region_list.Country_Abbr) LEFT JOIN
MedWatch ON MDR_Master.IR = MedWatch.IR) LEFT JOIN
tempCATS_T_H ON (MDR_Master.Ticket#1 = tempCATS_T_H.TICKET_NUM AND REPLACE(LTRIM(REPLACE(mdr_master.[center#1],
'0', ' ')), ' ', '0') = tempCATS_T_H.CENTER_NUM)
WHERE (
    (MDR_Master.Print_Date Between @pR0Start And @pR0End) AND

```

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```
        (MDR_Master.Process_Indicator = 5) AND (substring(MDR_Master.[ir],(len(MDR_Master.[ir]) - 2),1) <>
        '-')
    ) OR (
        (MDR_Master.Print_Date Between @pR0Start And @pR0End) AND
        (MDR_Master.Process_Indicator = 5) AND
        (substring(MDR_Master.[ir],(len(MDR_Master.[ir]) - 2),1) = '-') AND
        right(MDR_Master.IR, 3) Like '-%0'
    ) OR (
        (MDR_Master.Print_Date Between @pR0Start And @pR0End) AND
        (MDR_Master.Process_Indicator =15) AND
        (substring(MDR_Master.[ir],(len(MDR_Master.[ir]) - 2),1) <> '-')
    ) OR (
        (MDR_Master.Print_Date Between @pR0Start And @pR0End) AND
        (MDR_Master.Process_Indicator =15) AND
        (substring(MDR_Master.[ir],(len(MDR_Master.[ir]) - 2),1) = '-') AND
        right(MDR_Master.IR, 3) Like '-%0'
    )
ORDER BY Region, Country, PrintDate, Type
END
```

Option Compare Database
Option Explicit

Function CreateStoredProcs() As Double

''
'' These functions will generate a SQL file containing the T-SQL script required
'' to generate stored procedures for every query in this database container (MDB).
''
'' Open C:\PROCS.SQL or cut-and-paste into Enterprise Manager.
''

If CNF_DEBUG Then On Error GoTo CreateStoredProcsErr

Dim dCnt As Double
Dim iCnt As Integer
Dim sOut As String
Dim sQDName As String
Dim sQDSQL As String
''

For iCnt = 1 To DBEngine.Workspaces(0).Databases(0).QueryDefs.Count - 1
sQDName = DBEngine.Workspaces(0).Databases(0).QueryDefs(iCnt).Name
If Left(sQDName, 1) = "~" Then
Else

dCnt = dCnt + 1
sQDSQL = DBEngine.Workspaces(0).Databases(0).QueryDefs(iCnt).SQL
''
sOut = "CREATE PROCEDURE dbo." & sQDName & " AS"
sOut = sOut & vbCr & sQDSQL
sOut = sOut & vbCr & "Go"
sOut = sOut & vbCr & vbCr
''

Debug.Print AppendToTextFile("C:\PROCS.SQL", sOut)
Debug.Print InsertToLegacyQueries(sQDName, sQDSQL)

End If

Next
CreateStoredProcs = dCnt
Exit Function

CreateStoredProcsErr:
Debug.Print neonCentralError(Err)

End Function

Public Function InsertToLegacyQueries(sQDName As String, sQDSQL As String) As Boolean
If CNF_DEBUG Then On Error GoTo InsertToLegacyQueriesErr

Dim db As Database
Dim rsLegacyQueries As Recordset
,

Set db = DBEngine.Workspaces(0).Databases(0)
Set rsLegacyQueries = db.OpenRecordset("LegacyQueries", DB_OPEN_DYNASET)
rsLegacyQueries.AddNew
rsLegacyQueries(1) = sQDName
rsLegacyQueries(2) = sQDSQL
rsLegacyQueries.Update
''

Set rsLegacyQueries = Nothing
InsertToLegacyQueries = True

Exit Function
InsertToLegacyQueriesErr:
Debug.Print neonCentralError(Err)

End Function

```

Function CreateMDBQueriesFromTable() As Double
If CNF_DEBUG Then On Error GoTo CreateMDBQueriesFromTableErr
Dim db As Database

Dim dCnt As Double
Dim iCnt As Integer
Dim sOut As String
Dim sQDName As String
Dim sQDSQL As String
Dim oQD As New QueryDef
''

Dim rsLegacyQueries As Recordset
'

Set db = DBEngine.Workspaces(0).Databases(0)
Set rsLegacyQueries = db.OpenRecordset("LegacyQueries", DB_OPEN_DYNASET)
Do Until rsLegacyQueries.EOF
    sQDName = rsLegacyQueries(1)
    sQDSQL = rsLegacyQueries(2)
    Set oQD = db.CreateQueryDef(sQDName, sQDSQL)
    rsLegacyQueries.MoveNext
Loop
''
Set rsLegacyQueries = Nothing
CreateMDBQueriesFromTable = dCnt
Exit Function
CreateMDBQueriesFromTableErr:
    Debug.Print neonCentralError(Err)

End Function


Function DumpColumns(sTableName As String)
''
'' Just prints column names of the given table to the debug window
''

Dim iCnt, iCntField As Integer
Dim oFld As New Field
''

For iCnt = 0 To DBEngine.Workspaces(0).Databases(0).TableDefs.Count - 1
    If UCase(DBEngine.Workspaces(0).Databases(0).TableDefs(iCnt).Name) =
        UCase(sTableName) Then
        For iCntField = 0 To
            DBEngine.Workspaces(0).Databases(0).TableDefs(iCnt).Fields.Count - 1
            Set oFld =
                DBEngine.Workspaces(0).Databases(0).TableDefs(iCnt).Fields(iCntField)
            Debug.Print iCntField & " - " & oFld.Name & " - " & oFld.Size
        Next
        Exit For
    End If
Next
''
End Function

```