AWARE Monthly Usage Report

This report is a multi-sheet Excel spreadsheet. There are 4 data tabs and one Chart tab as follows.

**Charleston Alert Types** – This contains the data counts for the total number of each Alert Type (CXR or FOBT) by Month.

**Charleston Follow Up Alert Type** – This contains the data counts of Follow-Up action, Total “No” (No patient Follow-Up action taken) and Total “Yes” (Yes patient Follow-Up action were taken) by Month.

**Long Beach Alert Types** – This contains the data counts for the total number of each Alert Type (CXR or FOBT) by Month.

**Long Beach Follow Up Alert Type** – This contains the data counts of Follow-Up action, Total “No” (No patient Follow-Up action taken) and Total “Yes” (Yes patient Follow-Up action were taken) by Month.

**Charts** – This contains the excel charts for the pilot sites displaying graphical results by month of AWARE Alert Tracking.

The report can be generated by logging into the Charleston SQL Server (10.56.16.100) using Remote Desktop Connect.

The SQL queries and the Excel spreadsheet are located in the C:\AWARE\_PRODUCTION\SQLScripts folder.

After logging on go to Start, All Programs, Microsoft SQL Server 2012, SQL Server Management Studio. Connect to the site, then Open File and select each of the queries and run each one. After each query completes copy the data from the query into the correct tab. See be for more details.

Note: When the queries are run at the first of each month, make sure the prior month’s data is copied too. Remember AWARE continues to update Alerts with follow up actions for 31 days past the initial date the Alert was generated.

The data in the Excel spreadsheet is created from two SQL queries. Each query is run on the Charleston SQL Server (VHACHAAPP11.v07.med.va.gov) and on the Long Beach SQL Server (VHALONAPP7.v22.med.va.gov).

One query extracts the total count of each Alert Type by month.

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* AWARE ALERT TYPE COUNTS By Month \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

SELECT [ALERTTYPE]Alert\_Type, COUNT ([ALERTTYPE]) Count

,(Left(DATENAME(MONTH,[DATETIME1]),3)) Month

, DATEPART(YEAR, [DATETIME1]) Year

, DATEPART(MONTH, [DATETIME1]) MMM

FROM [dbo].[Alerts$]

WHERE DATEPART(YEAR, [DATETIME1]) > 2014

GROUP BY DATEPART(YEAR, [DATETIME1]), DATEPART(MONTH, [DATETIME1]), [ALERTTYPE]

,DATENAME(MONTH,[DATETIME1])

-- ORDER BY [ALERTTYPE], DATEPART(YEAR, [DATETIME1]), DATEPART(MONTH, [DATETIME1])

ORDER BY [ALERTTYPE], DATEPART(YEAR, [DATETIME1]), DATEPART(MONTH, [DATETIME1])

;

The results of this are copied and pasted into the **Alert Types** tab for each site in Excel.

The other extracts the total count of each Follow up action by Alert Type and by month.

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Count Follow-Up actions No or Yes

By Alert Type then by Month \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

SELECT ATYPE Alert\_Type, COUNT(ATYPE) Alert\_Count,

Follow\_up Alert\_Action, MMM Month, YYYY Year, MON MMM

FROM

(

SELECT A1.[ALERTTYPE] ATYPE,

CASE A1.[FATSTATUS] WHEN 'NO ORDERS/FOLLOW-UPS MADE' THEN 'No' ELSE 'Yes' END AS Follow\_up,

(Left(DATENAME(MONTH,A1.[DATETIME1]),3)) MMM,

DATEPART(YEAR, A1.[DATETIME1]) YYYY, DATEPART(MONTH, A1.[DATETIME1])MON,

A1.[FATSTATUS] STAT

FROM [dbo].[Alerts$] A1

WHERE DATEPART(YEAR, A1.[DATETIME1]) > 2014

) ALERT

GROUP BY YYYY, MON, ATYPE, Follow\_up, MMM

ORDER BY ATYPE, Follow\_up, YYYY, MON

;

The results of this are copied and pasted into the **Follow Up Alert Type** tab for each site in Excel.

Follow Up Actions are defined based on AWARE ALERT TRACKING rules. These rules are setup in the AWARE KB Editor. They are further defined by the Reminder Dialogs and TIU Templates that the AWARE Alert Type is pointing to.

A positive Follow Up Action “**Yes**” means the ordering provider has taken an action in the patients CPRS chart that indicates that the patient was notified of an abnormal chest x-ray result or a critical lab result from a Occult Blood test.

The logic for “**No**” Follow up action: The value of the FATSTATUS field equals “**NO ORDERS/FOLLOW-UPS MADE**”.

If the value of the FATSTATUS field is not equal “**NO ORDERS/FOLLOW-UPS MADE**” then the Follow up action is “**Yes**”.