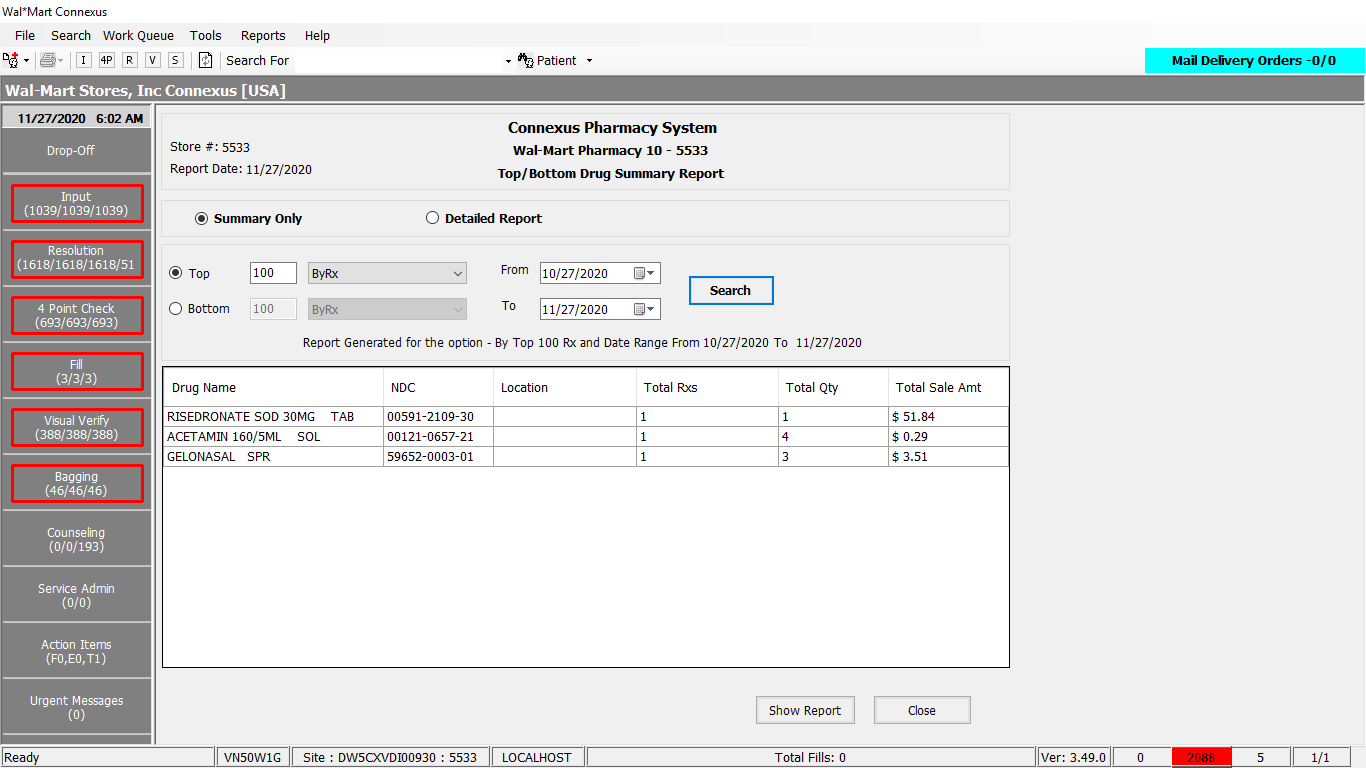
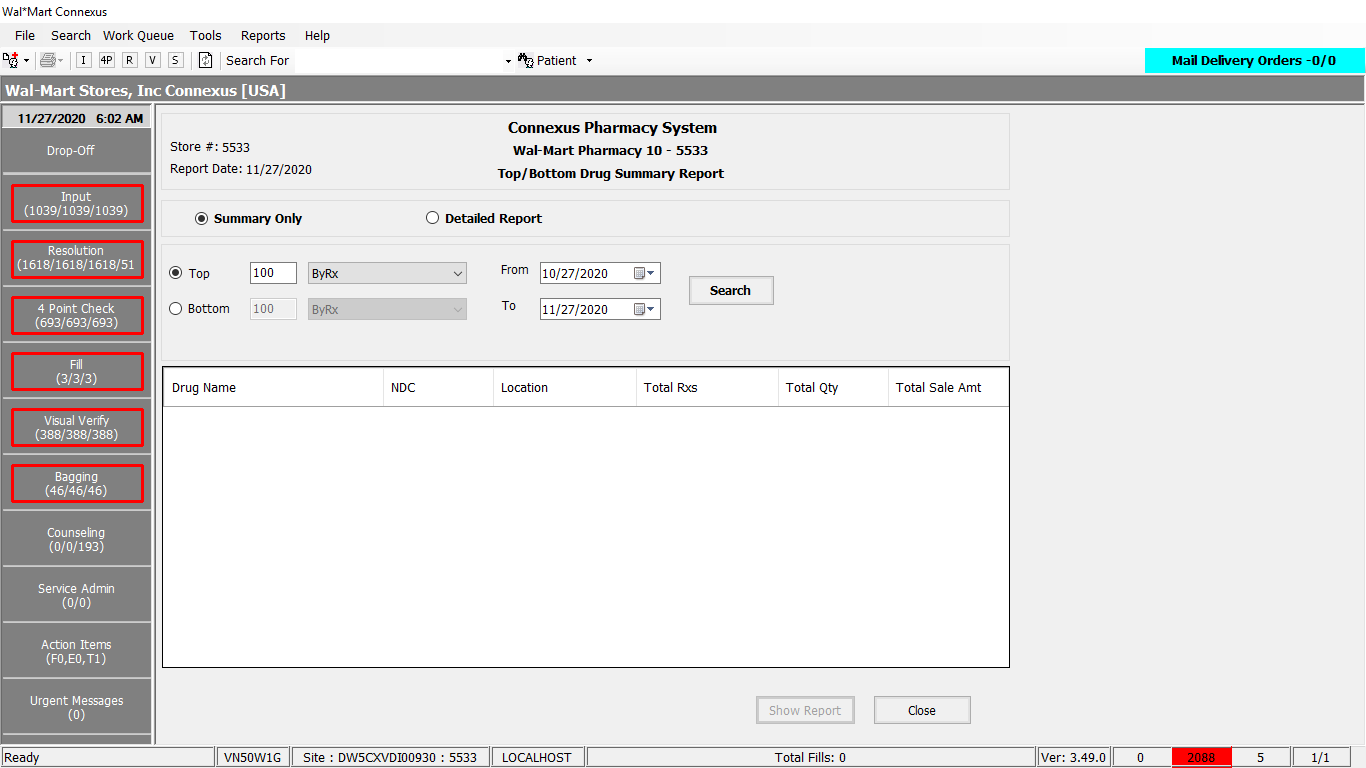
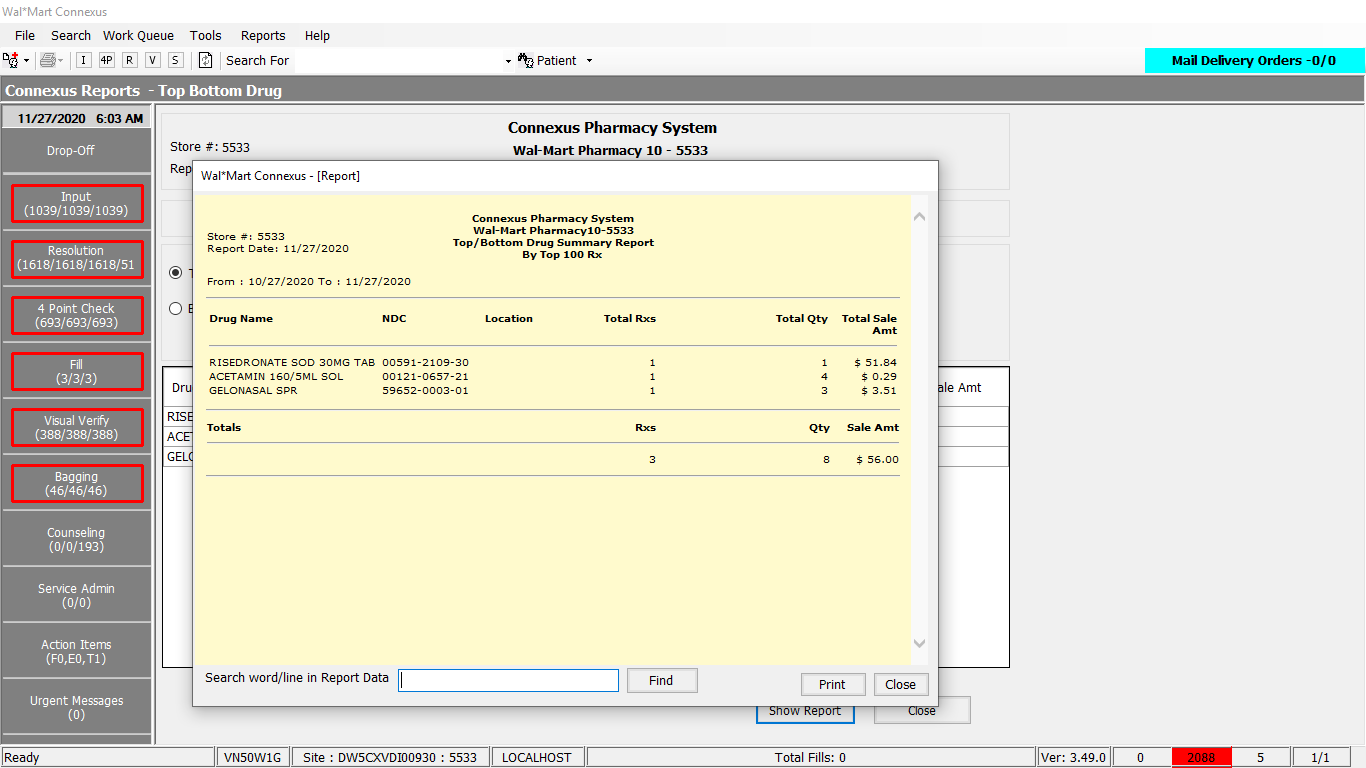
## Reports/Inventory Reports/ Drug Movement/Top/Bottom Drug

Request:

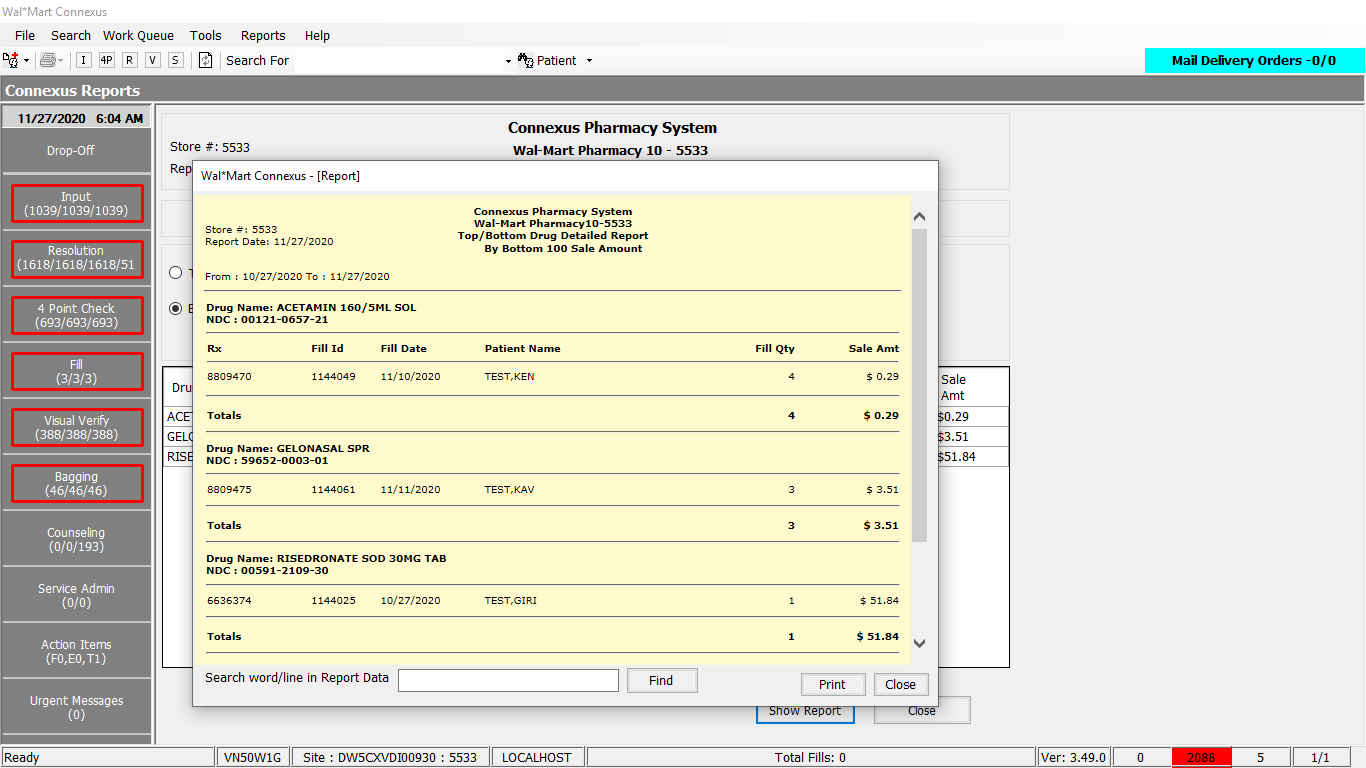


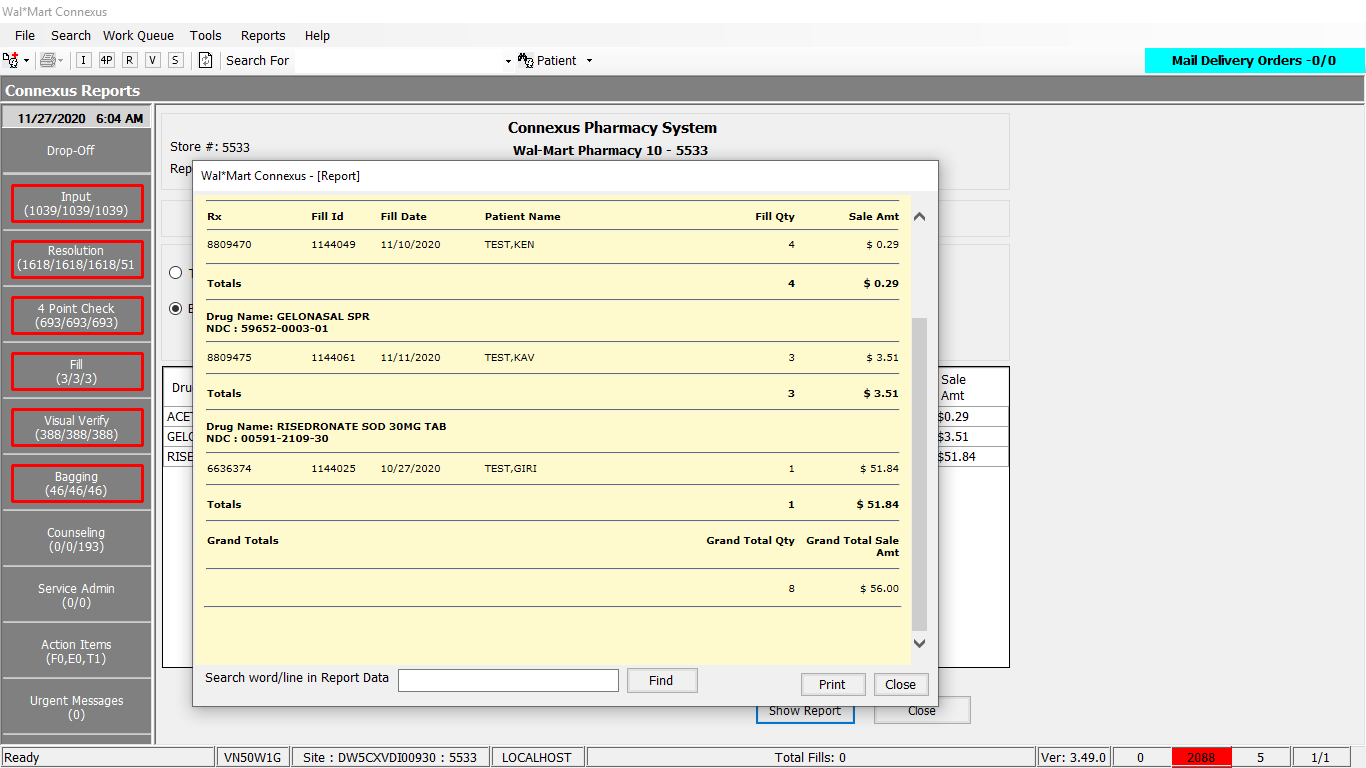
Response:

Summary report:



Detailed report:





Queries:

1. Friend Const GetTopBottomDrugReportData1 As String = " SELECT FIRST ? UPPER(pp.short\_name) short\_name, CASE WHEN rx.compound\_ind ='Y' THEN 'COMPOUND' ELSE pi.ndc\_nbr END ndc\_nbr, " &

" nvl(pir.issued\_id\_nbr,'') location, SUM(rf.fill\_qty) total\_qty, SUM(rf.pos\_sale\_amt) total\_sale\_amt, " &

" COUNT(rsd.rx\_fill\_id) totalrx FROM rx rx,rx\_fill rf, rx\_fill\_item rfi,rx\_sale\_detail rsd, " &

" pharmacy\_offering:pharmacy\_product pp,pharmacy\_offering:pharmacy\_item pi, OUTER pharmacy\_offering:phm\_item\_ref pir " &

" WHERE rx.rx\_id = rf.rx\_id AND rsd.rx\_fill\_id = rf.rx\_fill\_id AND rf.rx\_fill\_id=rfi.rx\_fill\_id AND " &

" pi.product\_mds\_fam\_id=pp.product\_mds\_fam\_id AND rfi.item\_mds\_fam\_id=pi.mds\_fam\_id AND rf.pos\_ts IS NOT NULL " &

" AND rf.pos\_sale\_amt IS NOT NULL AND rfi.item\_seq\_nbr = 1 AND rf.status\_code = 20401 AND rf.fill\_date >= ? AND " &

" rf.fill\_date <= ? AND pir.mds\_fam\_id = pi.mds\_fam\_id AND pir.phm\_item\_ref\_code = 3105 GROUP BY 1,2,3 ORDER BY "

2. Friend Const GetTopBottomDrugReportData2 As String = " SELECT rx.rx\_id, rx.rx\_nbr, UPPER(pp.short\_name) short\_name, CASE WHEN rx.compound\_ind ='Y' THEN 'COMPOUND' ELSE pi.ndc\_nbr END ndc\_nbr, " &

" rf.rx\_fill\_id, rf.fill\_date, " &

" TRIM(NVL(pat.last\_name,'')) || ',' || TRIM(NVL(pat.first\_name,'')) || ' ' || TRIM(NVL(pat.middle\_name,'')) pat\_name, " &

" rf.fill\_qty, rf.pos\_sale\_amt " &

" FROM rx rx,rx\_fill rf, patient pat, rx\_fill\_item rfi,rx\_sale\_detail rsd, pharmacy\_offering:pharmacy\_product pp, " &

" pharmacy\_offering:pharmacy\_item pi WHERE rx.rx\_id = rf.rx\_id AND rsd.rx\_fill\_id = rf.rx\_fill\_id AND rf.rx\_fill\_id=rfi.rx\_fill\_id AND " &

" pi.product\_mds\_fam\_id=pp.product\_mds\_fam\_id AND rfi.item\_mds\_fam\_id=pi.mds\_fam\_id AND rx.patient\_id = pat.patient\_id AND rf.pos\_ts IS NOT NULL " &

" AND rf.pos\_sale\_amt IS NOT NULL AND rfi.item\_seq\_nbr = 1 AND rf.status\_code = 20401 AND rf.fill\_date >= ? AND rf.fill\_date <= ? AND ndc\_nbr in({0})"

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3. Friend Const GetTopBottomDrugSummarySortReport As String = "SELECT short\_name, ndc\_nbr, total\_qty, total\_sale\_amt, totalrx, location FROM ( {0} ) ORDER BY short\_name ASC"

4. Friend Const GetTopBottomDrugDetailSortReport As String = "SELECT short\_name, ndc\_nbr, rx\_id, rx\_nbr, pat\_name, rx\_fill\_id, fill\_date, fill\_qty, pos\_sale\_amt FROM ( {0} ) ORDER BY short\_name ASC"

DAL:

Public Function GetTopBottomDrugReportData(ByVal siteId As Integer,

ByVal getTopBottomDrugReportDataInputInfo As \_

GetTopBottomDrugReportDataInputInfoBE) As \_

List(Of GetTopBottomDrugReportDataInfoBE) Implements IReportDAL.GetTopBottomDrugReportData

Using (New Tracer(ConnexusCommonConstants.ConnexusTracer))

Dim orderBy As String = Nothing

Dim ndc As String = Nothing

Dim bottom As String = Nothing

Dim sqlString As New StringBuilder

Dim sqlSortString As New StringBuilder

Dim paramList As New List(Of DbParameter)

Dim getTopBottomDrugReportBEList As New List(Of GetTopBottomDrugReportDataInfoBE)

If getTopBottomDrugReportDataInputInfo.TopBottom = 0 Then bottom = "DESC"

If getTopBottomDrugReportDataInputInfo.OrderBy = 0 Then

orderBy = "totalrx"

ElseIf getTopBottomDrugReportDataInputInfo.OrderBy = 1 Then

orderBy = "total\_qty"

ElseIf getTopBottomDrugReportDataInputInfo.OrderBy = 2 Then

orderBy = "total\_sale\_amt"

End If

If getTopBottomDrugReportDataInputInfo.SummaryDetailed = 1 Then ndc = getTopBottomDrugReportDataInputInfo.Ndc

If getTopBottomDrugReportDataInputInfo.SummaryDetailed = 0 Then

'SQL Query for Summary Report

sqlString.Append(ReportQueries.GetTopBottomDrugReportData1)

sqlString.Append(orderBy & " " & bottom)

paramList.Add(ParameterHelper.BuildParameter("Rows", DbType.Int32, getTopBottomDrugReportDataInputInfo.TopBottomRows))

paramList.Add(ParameterHelper.BuildParameter("FillDate", DbType.Date, getTopBottomDrugReportDataInputInfo.FromDate))

paramList.Add(ParameterHelper.BuildParameter("FillToDatE", DbType.Date, getTopBottomDrugReportDataInputInfo.ToDate))

Else

'SQL Query for Detailed

'Inventory Changes - Start

'Modified the query to pass the NDC list

sqlString.AppendFormat(ReportQueries.GetTopBottomDrugReportData2, ndc)

paramList.Add(ParameterHelper.BuildParameter("FillDate", DbType.Date, getTopBottomDrugReportDataInputInfo.FromDate))

paramList.Add(ParameterHelper.BuildParameter("FillToDatE", DbType.Date, getTopBottomDrugReportDataInputInfo.ToDate))

End If

Dim dataReader As IDataReader

'Added new option to sort the report by Drug Name.

'If the property OrderByDrugName is TRUE sort the result by Drug Name.

If getTopBottomDrugReportDataInputInfo.OrderByDrugName Then

If getTopBottomDrugReportDataInputInfo.SummaryDetailed = 0 Then

sqlSortString.AppendFormat(ReportQueries.GetTopBottomDrugSummarySortReport, sqlString.ToString)

Else

sqlSortString.AppendFormat(ReportQueries.GetTopBottomDrugDetailSortReport, sqlString.ToString)

End If

dataReader = ExecuteReader(DatabaseEnum.rx21c, siteId, sqlSortString.ToString, paramList)

Else

dataReader = ExecuteReader(DatabaseEnum.rx21c, siteId, sqlString.ToString, paramList)

End If

'Inventory Changes - End

Dim getTopBottomDrugReportBE As GetTopBottomDrugReportDataInfoBE

While dataReader.Read

getTopBottomDrugReportBE = New GetTopBottomDrugReportDataInfoBE

If Not getTopBottomDrugReportDataInputInfo.SummaryDetailed = 0 Then

If Not dataReader.IsDBNull(dataReader.GetOrdinal("fill\_date")) Then

getTopBottomDrugReportBE.FillDate = CDate(dataReader("fill\_date"))

End If

If Not dataReader.IsDBNull(dataReader.GetOrdinal("pat\_name")) Then

getTopBottomDrugReportBE.PatName = CStr(dataReader("pat\_name")).Trim

End If

If Not dataReader.IsDBNull(dataReader.GetOrdinal("pos\_sale\_amt")) Then

getTopBottomDrugReportBE.PosSaleAmt = CDec(dataReader("pos\_sale\_amt"))

End If

If Not dataReader.IsDBNull(dataReader.GetOrdinal("rx\_fill\_id")) Then

getTopBottomDrugReportBE.RxFillId = CInt(dataReader("rx\_fill\_id"))

End If

If Not dataReader.IsDBNull(dataReader.GetOrdinal("rx\_id")) Then

getTopBottomDrugReportBE.RxId = CInt(dataReader("rx\_id"))

End If

If Not dataReader.IsDBNull(dataReader.GetOrdinal("rx\_nbr")) Then

getTopBottomDrugReportBE.RxNbr = CInt(dataReader("rx\_nbr"))

End If

If Not dataReader.IsDBNull(dataReader.GetOrdinal("fill\_qty")) Then

getTopBottomDrugReportBE.FillQty = CInt(dataReader("fill\_qty"))

End If

Else

If Not dataReader.IsDBNull(dataReader.GetOrdinal("total\_qty")) Then

getTopBottomDrugReportBE.TotalQty = CInt(dataReader("total\_qty"))

End If

If Not dataReader.IsDBNull(dataReader.GetOrdinal("totalrx")) Then

getTopBottomDrugReportBE.TotalRx = CInt(dataReader("totalrx"))

End If

If Not dataReader.IsDBNull(dataReader.GetOrdinal("total\_sale\_amt")) Then

getTopBottomDrugReportBE.TotalSaleAmt = CDec(dataReader("total\_sale\_amt"))

End If

'Inventory Management - Changes

'Added new column location to the result set.

If Not dataReader.IsDBNull(dataReader.GetOrdinal("location")) Then

getTopBottomDrugReportBE.Location = CStr(dataReader("location"))

End If

End If

If Not dataReader.IsDBNull(dataReader.GetOrdinal("ndc\_nbr")) Then

getTopBottomDrugReportBE.NdcNbr = CStr(dataReader("ndc\_nbr")).Trim

End If

If Not dataReader.IsDBNull(dataReader.GetOrdinal("short\_name")) Then

getTopBottomDrugReportBE.ShortName = CStr(dataReader("short\_name")).Trim

End If

getTopBottomDrugReportBEList.Add(getTopBottomDrugReportBE)

End While

If getTopBottomDrugReportBEList.Count > 0 Then

Return getTopBottomDrugReportBEList

Else

Return Nothing

End If

End Using

End Function