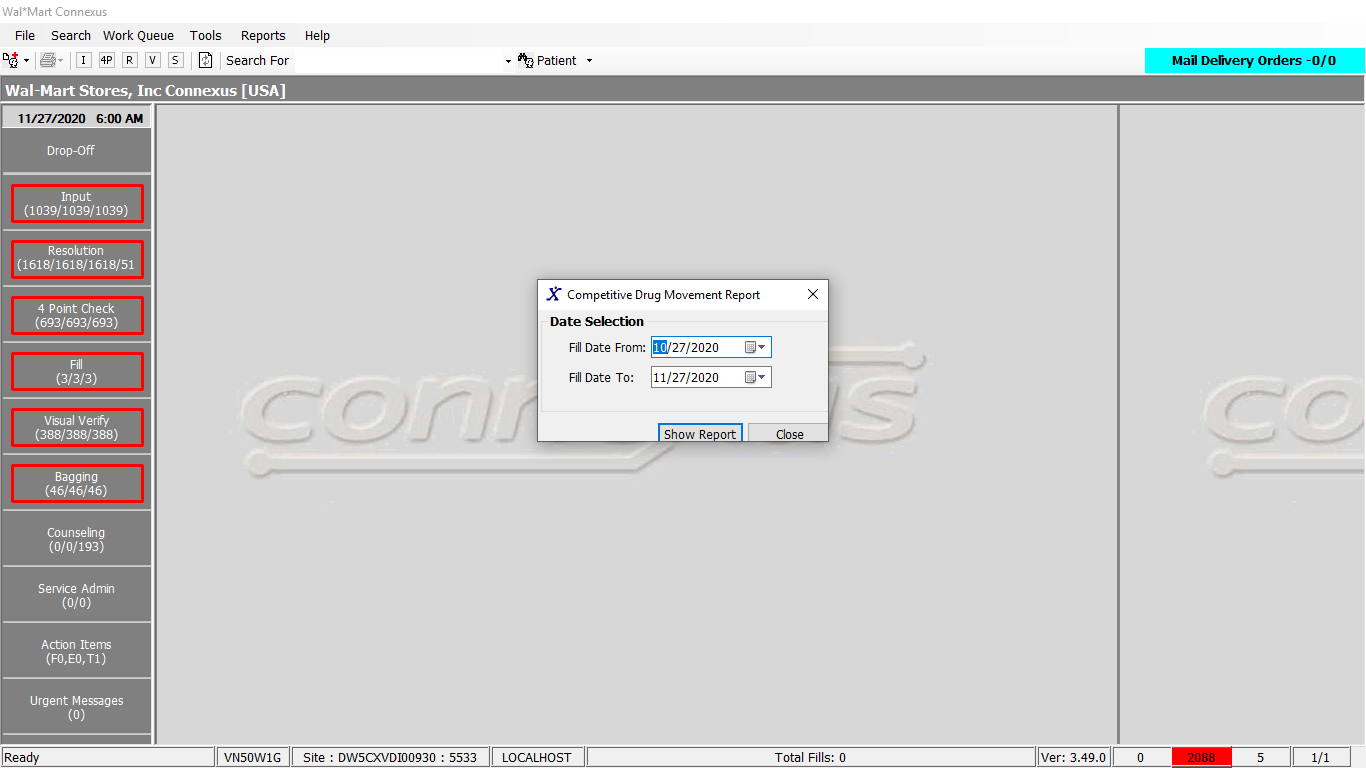
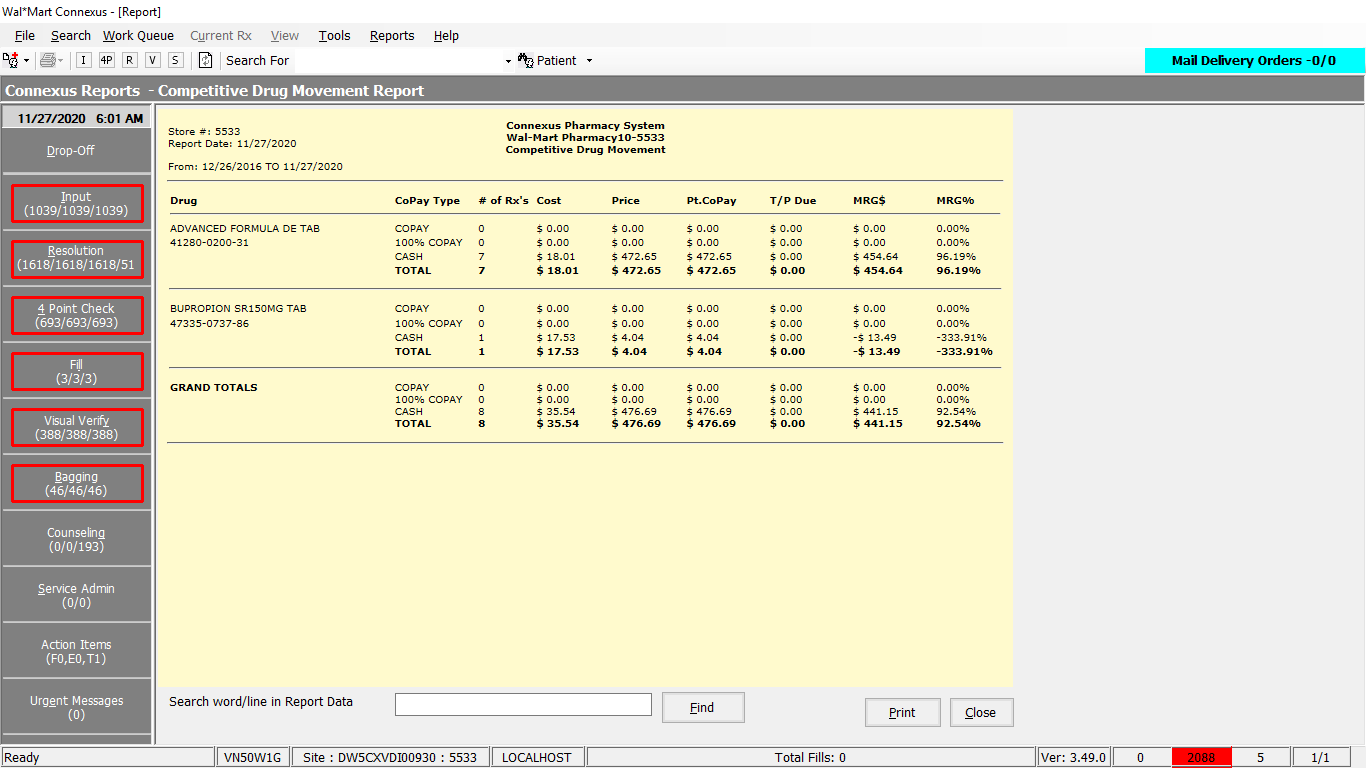
## Reports/Inventory Reports/ Drug Movement/Comp Drug Movement

Request:



Response



Queries:

1. Friend Const GetCompDrugMovementSelect1 As String = " Select distinct pi.mds\_fam\_id, pp.short\_name drug, pi.ndc\_nbr NDC from rx\_fill rf, rx\_fill\_item rfi, pharmacy\_offering:pharmacy\_product pp, pharmacy\_offering: pharmacy\_item pi Where rf.rx\_fill\_id = rfi.rx\_fill\_id AND rf.comp\_price\_amt > 0 AND rf.rph\_of\_rec\_userid is not NULL AND rf.rph\_of\_rec\_userid <> '' AND rfi.item\_mds\_fam\_id = pi.mds\_fam\_id AND pi.product\_mds\_fam\_id = pp.product\_mds\_fam\_id AND rf.fill\_date BETWEEN ? AND ? AND rf.status\_code = ? ORDER BY drug "

2. Friend Const GetCompDrugMovementSelect2 As String = "Select pi.mds\_fam\_id, pp.short\_name drug, pi.ndc\_nbr NDC, count(distinct rx.rx\_nbr) rxs, sum(rfi.actual\_cost\_amt) ACQ, sum(rf.expected\_sale\_amt) Price, sum(rf.patient\_due\_amt) copay, sum(rsd.txn\_amt) netdue from rx, rx\_fill rf, 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 rx.rx\_version\_seq\_nbr = rf.rx\_version\_seq\_nbr AND rf.rx\_fill\_id = rfi.rx\_fill\_id AND rf.rph\_of\_rec\_userid is not NULL AND rf.rph\_of\_rec\_userid <> '' AND rfi.item\_mds\_fam\_id = pi.mds\_fam\_id AND pi.product\_mds\_fam\_id = pp.product\_mds\_fam\_id AND rf.fill\_date BETWEEN ? AND ? AND rf.third\_party\_ind = 'Y' AND rf.patient\_due\_amt > 0 AND rf.comp\_price\_amt > 0 AND rf.rx\_fill\_id = rsd.rx\_fill\_id AND rsd.txn\_amt > 0 AND rsd.txn\_type\_code = ? AND rsd.status\_code IN (?, ?) AND rf.status\_code = ? Group by 1, 2, 3"

3. Friend Const GetCompDrugMovementSelect3 As String = " Select pi.mds\_fam\_id, pp.short\_name drug, pi.ndc\_nbr NDC, count(distinct rx.rx\_nbr) rxs, sum(rfi.actual\_cost\_amt) ACQ, sum(rf.expected\_sale\_amt) Price, sum(rf.patient\_due\_amt) copay, sum(rsd.txn\_amt) netdue from rx, rx\_fill rf, 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 rx.rx\_version\_seq\_nbr = rf.rx\_version\_seq\_nbr AND rf.rph\_of\_rec\_userid is not NULL AND rf.rph\_of\_rec\_userid <> '' AND rf.rx\_fill\_id = rfi.rx\_fill\_id AND rf.rph\_of\_rec\_userid is not NULL AND rf.rph\_of\_rec\_userid <> '' AND rfi.item\_seq\_nbr = 1 AND rfi.item\_mds\_fam\_id = pi.mds\_fam\_id AND pi.product\_mds\_fam\_id = pp.product\_mds\_fam\_id AND rf.fill\_date BETWEEN ? AND ? AND rf.third\_party\_ind = 'Y' AND rf.patient\_due\_amt > 0 AND rf.comp\_price\_amt > 0 AND rf.status\_code = ? AND rf.rx\_fill\_id = rsd.rx\_fill\_id AND rsd.txn\_amt = 0 AND rsd.txn\_type\_code = ? AND rsd.status\_code IN (?, ?) Group by 1, 2, 3"

4. Friend Const GetCompDrugMovementSelect4 As String = " Select pi.mds\_fam\_id, pp.short\_name drug, pi.ndc\_nbr NDC, count(distinct rx.rx\_nbr) rxs, sum(rfi.actual\_cost\_amt) ACQ, sum(rf.expected\_sale\_amt) Price, sum(rf.patient\_due\_amt) copay from rx, rx\_fill rf, rx\_fill\_item rfi, pharmacy\_offering:pharmacy\_product pp, pharmacy\_offering: pharmacy\_item pi Where rx.rx\_id = rf.rx\_id AND rx.rx\_version\_seq\_nbr = rf.rx\_version\_seq\_nbr AND rf.rx\_fill\_id = rfi.rx\_fill\_id AND rf.rph\_of\_rec\_userid is not NULL AND rf.rph\_of\_rec\_userid <> '' AND rfi.item\_seq\_nbr = 1 AND rfi.item\_mds\_fam\_id = pi.mds\_fam\_id AND rf.status\_code = ? AND rf.comp\_price\_amt > 0 AND pi.product\_mds\_fam\_id = pp.product\_mds\_fam\_id AND rf.fill\_date BETWEEN ? AND ? AND rf.third\_party\_ind = 'N' AND rf.patient\_due\_amt > 0 Group by 1, 2, 3"

Dal:

Public Function GetCompDrugMovement(ByVal siteId As Integer,

ByVal fromDate As DateTime, ByVal toDate As DateTime) \_

As GetCompDrugMovementInfoBE Implements IReportDAL.GetCompDrugMovement

Dim sqlDrugList As String

Dim sqlCopayList As String

Dim sql100CopayList As String

Dim sqlCash As String

Dim hundredCopayListInfoBEList As New List(Of CopayListInfoBE)

Dim cashInfoBEList As New List(Of CopayListInfoBE)

Dim getCompDrugMovementInfoBE As New GetCompDrugMovementInfoBE

Dim drugInfoBEList As New List(Of DrugInfoBE)

Dim copayListInfoBEList As New List(Of CopayListInfoBE)

Dim filteredCopayListInfoBEList As New List(Of CopayListInfoBE)

Dim filteredHundredCopayInfoBEList As New List(Of CopayListInfoBE)

Dim filteredCashInfoBEList As New List(Of CopayListInfoBE)

Dim paramList As New List(Of DbParameter)

'Start the method trace

Using (New Tracer(ConnexusCommonConstants.ConnexusTracer))

sqlDrugList = ReportQueries.GetCompDrugMovementSelect1

paramList.Add(ParameterHelper.BuildParameter("fillDate", DbType.Date, fromDate))

paramList.Add(ParameterHelper.BuildParameter("fillDate", DbType.Date, toDate))

paramList.Add(ParameterHelper.BuildParameter("statusCode", DbType.Int16,

FillStatusCodes.FillActive))

Using dataReaderDrugs As IDataReader = ExecuteReader(DatabaseEnum.rx21c,

siteId, sqlDrugList, paramList)

Dim drugInfoBE As DrugInfoBE

While dataReaderDrugs.Read()

drugInfoBE = New DrugInfoBE

If Not dataReaderDrugs.IsDBNull(dataReaderDrugs.GetOrdinal("drug")) Then

drugInfoBE.Drug = CStr(dataReaderDrugs("drug")).Trim

End If

If Not dataReaderDrugs.IsDBNull(dataReaderDrugs.GetOrdinal("mds\_fam\_id")) Then

drugInfoBE.MdsFamId = CInt(dataReaderDrugs("mds\_fam\_id"))

End If

If Not dataReaderDrugs.IsDBNull(dataReaderDrugs.GetOrdinal("NDC")) Then

drugInfoBE.Ndc = CStr(dataReaderDrugs("NDC")).Trim

End If

drugInfoBEList.Add(drugInfoBE)

End While

End Using

sqlCopayList = ReportQueries.GetCompDrugMovementSelect2

paramList.Clear()

paramList.Add(ParameterHelper.BuildParameter("fillDate", DbType.Date, fromDate))

paramList.Add(ParameterHelper.BuildParameter("fillDate", DbType.Date, toDate))

paramList.Add(ParameterHelper.BuildParameter("txnTypeCode", DbType.Int16,

TxnTypeCode.PrimaryTP))

paramList.Add(ParameterHelper.BuildParameter("statusCode", DbType.Int16,

StatusCodes.ClaimSub))

paramList.Add(ParameterHelper.BuildParameter("statusCode", DbType.Int16,

StatusCodes.DownTime))

paramList.Add(ParameterHelper.BuildParameter("statusCode", DbType.Int16,

FillStatusCodes.FillActive))

Using dataReader As IDataReader = ExecuteReader(DatabaseEnum.rx21c, siteId,

sqlCopayList, paramList)

Dim drugInfoBE As DrugInfoBE

Dim copayListInfoBE As CopayListInfoBE

While dataReader.Read

copayListInfoBE = New CopayListInfoBE

drugInfoBE = New DrugInfoBE

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

copayListInfoBE.Acq = CDec(dataReader("ACQ"))

End If

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

copayListInfoBE.Copay = CDec(dataReader("copay"))

End If

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

copayListInfoBE.NetDue = CDec(dataReader("netdue"))

End If

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

copayListInfoBE.Price = CDec(dataReader("Price"))

End If

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

copayListInfoBE.Rxs = CInt(dataReader("rxs"))

End If

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

drugInfoBE.Drug = CStr(dataReader("drug")).Trim

End If

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

drugInfoBE.MdsFamId = CInt(dataReader("mds\_fam\_id"))

End If

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

drugInfoBE.Ndc = CStr(dataReader("NDC")).Trim

End If

copayListInfoBE.DrugInfo = drugInfoBE

copayListInfoBEList.Add(copayListInfoBE)

End While

End Using

sql100CopayList = ReportQueries.GetCompDrugMovementSelect3

paramList.Clear()

paramList.Add(ParameterHelper.BuildParameter("fillDate", DbType.Date, fromDate))

paramList.Add(ParameterHelper.BuildParameter("fillDate", DbType.Date, toDate))

paramList.Add(ParameterHelper.BuildParameter("statusCode", DbType.Int16,

FillStatusCodes.FillActive))

paramList.Add(ParameterHelper.BuildParameter("txnTypeCode", DbType.Int16,

TxnTypeCode.PrimaryTP))

paramList.Add(ParameterHelper.BuildParameter("statusCode", DbType.Int16,

StatusCodes.ClaimSub))

paramList.Add(ParameterHelper.BuildParameter("statusCode", DbType.Int16,

StatusCodes.DownTime))

Using dataReader As IDataReader = ExecuteReader(DatabaseEnum.rx21c,

siteId, sql100CopayList, paramList)

Dim drugInfoBE As DrugInfoBE

Dim copayListInfoBE As CopayListInfoBE

While dataReader.Read

copayListInfoBE = New CopayListInfoBE

drugInfoBE = New DrugInfoBE

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

copayListInfoBE.Acq = CDec(dataReader("ACQ"))

End If

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

copayListInfoBE.Copay = CDec(dataReader("copay"))

End If

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

copayListInfoBE.NetDue = CDec(dataReader("netdue"))

End If

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

copayListInfoBE.Price = CDec(dataReader("Price"))

End If

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

copayListInfoBE.Rxs = CInt(dataReader("rxs"))

End If

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

drugInfoBE.Drug = CStr(dataReader("drug")).Trim

End If

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

drugInfoBE.MdsFamId = CInt(dataReader("mds\_fam\_id"))

End If

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

drugInfoBE.Ndc = CStr(dataReader("NDC")).Trim

End If

copayListInfoBE.DrugInfo = drugInfoBE

hundredCopayListInfoBEList.Add(copayListInfoBE)

End While

End Using

sqlCash = ReportQueries.GetCompDrugMovementSelect4

paramList.Clear()

paramList.Add(ParameterHelper.BuildParameter("statusCode", DbType.Int16,

FillStatusCodes.FillActive))

paramList.Add(ParameterHelper.BuildParameter("fillDate", DbType.Date,

fromDate))

paramList.Add(ParameterHelper.BuildParameter("fillDate", DbType.Date,

toDate))

Using dataReader As IDataReader = ExecuteReader(DatabaseEnum.rx21c, siteId,

sqlCash, paramList)

Dim drugInfoBE As DrugInfoBE

Dim copayListInfoBE As CopayListInfoBE

While dataReader.Read

copayListInfoBE = New CopayListInfoBE

drugInfoBE = New DrugInfoBE

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

copayListInfoBE.Acq = CDec(dataReader("ACQ"))

End If

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

copayListInfoBE.Copay = CDec(dataReader("copay"))

End If

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

copayListInfoBE.Price = CDec(dataReader("Price"))

End If

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

copayListInfoBE.Rxs = CInt(dataReader("rxs"))

End If

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

drugInfoBE.Drug = CStr(dataReader("drug")).Trim

End If

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

drugInfoBE.MdsFamId = CInt(dataReader("mds\_fam\_id"))

End If

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

drugInfoBE.Ndc = CStr(dataReader("NDC")).Trim

End If

copayListInfoBE.DrugInfo = drugInfoBE

cashInfoBEList.Add(copayListInfoBE)

End While

End Using

'Check if the drugInfoBEList is not null then add it to the GetCompDrugMovementBE

If Not getCompDrugMovementInfoBE Is Nothing Then

Dim drugId As Integer

Dim recordFound As Boolean

getCompDrugMovementInfoBE.DrugInfo = drugInfoBEList

For Each singleDrugInfoDE In drugInfoBEList

drugId = singleDrugInfoDE.MdsFamId

recordFound = False

If Not copayListInfoBEList Is Nothing And copayListInfoBEList.Count > 0 Then

For Each singleCopayListInfoBE In copayListInfoBEList

If singleCopayListInfoBE.DrugInfo.MdsFamId = drugId Then

filteredCopayListInfoBEList.Add(singleCopayListInfoBE)

recordFound = True

End If

Next

'If no record with Id found,add nothing

If Not recordFound Then

Dim singleCopay As CopayListInfoBE = Nothing

filteredCopayListInfoBEList.Add(singleCopay)

recordFound = False

End If

Else

Dim singleCopay As CopayListInfoBE = Nothing

filteredCopayListInfoBEList.Add(singleCopay)

End If

getCompDrugMovementInfoBE.CoPayListInfo = filteredCopayListInfoBEList

If Not hundredCopayListInfoBEList Is Nothing And

hundredCopayListInfoBEList.Count > 0 Then

recordFound = False

For Each singleCopayListInfoBE In hundredCopayListInfoBEList

If singleCopayListInfoBE.DrugInfo.MdsFamId = drugId Then

filteredHundredCopayInfoBEList.Add(singleCopayListInfoBE)

recordFound = True

End If

Next

'If no record with Id found,add nothing

If Not recordFound Then

Dim hundredCopay As CopayListInfoBE = Nothing

filteredHundredCopayInfoBEList.Add(hundredCopay)

recordFound = False

End If

Else

Dim hundredCopay As CopayListInfoBE = Nothing

filteredHundredCopayInfoBEList.Add(hundredCopay)

End If

getCompDrugMovementInfoBE.HundredCopayListInfoBEList = filteredHundredCopayInfoBEList

If Not cashInfoBEList Is Nothing And cashInfoBEList.Count > 0 Then

recordFound = False

For Each singleCopayListInfoBE In cashInfoBEList

If singleCopayListInfoBE.DrugInfo.MdsFamId = drugId Then

filteredCashInfoBEList.Add(singleCopayListInfoBE)

recordFound = True

End If

Next

'If no record with Id found,add nothing

If Not recordFound Then

Dim cash As CopayListInfoBE = Nothing

filteredCashInfoBEList.Add(cash)

recordFound = False

End If

Else

Dim cash As CopayListInfoBE = Nothing

filteredCashInfoBEList.Add(cash)

End If

getCompDrugMovementInfoBE.CashInfoBEList = filteredCashInfoBEList

Next

End If

Return getCompDrugMovementInfoBE

End Using

End Function