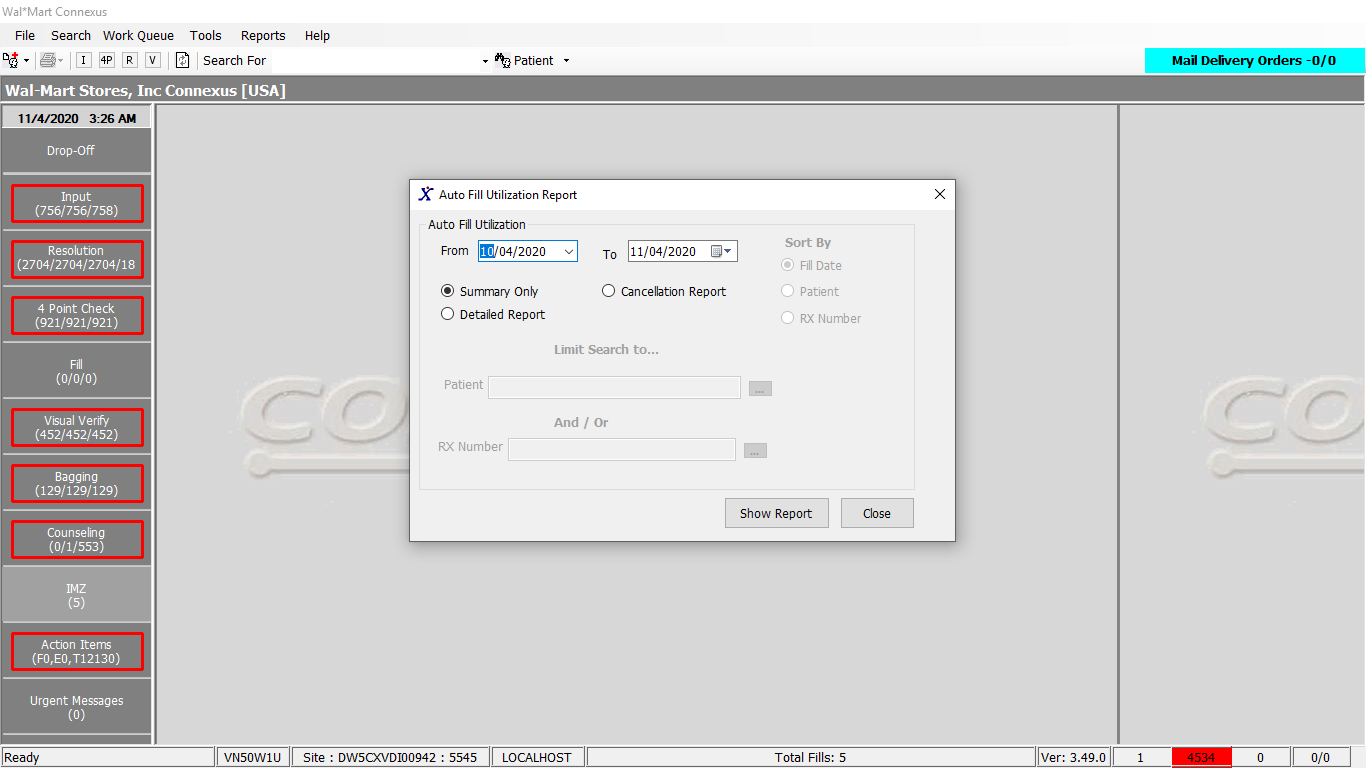
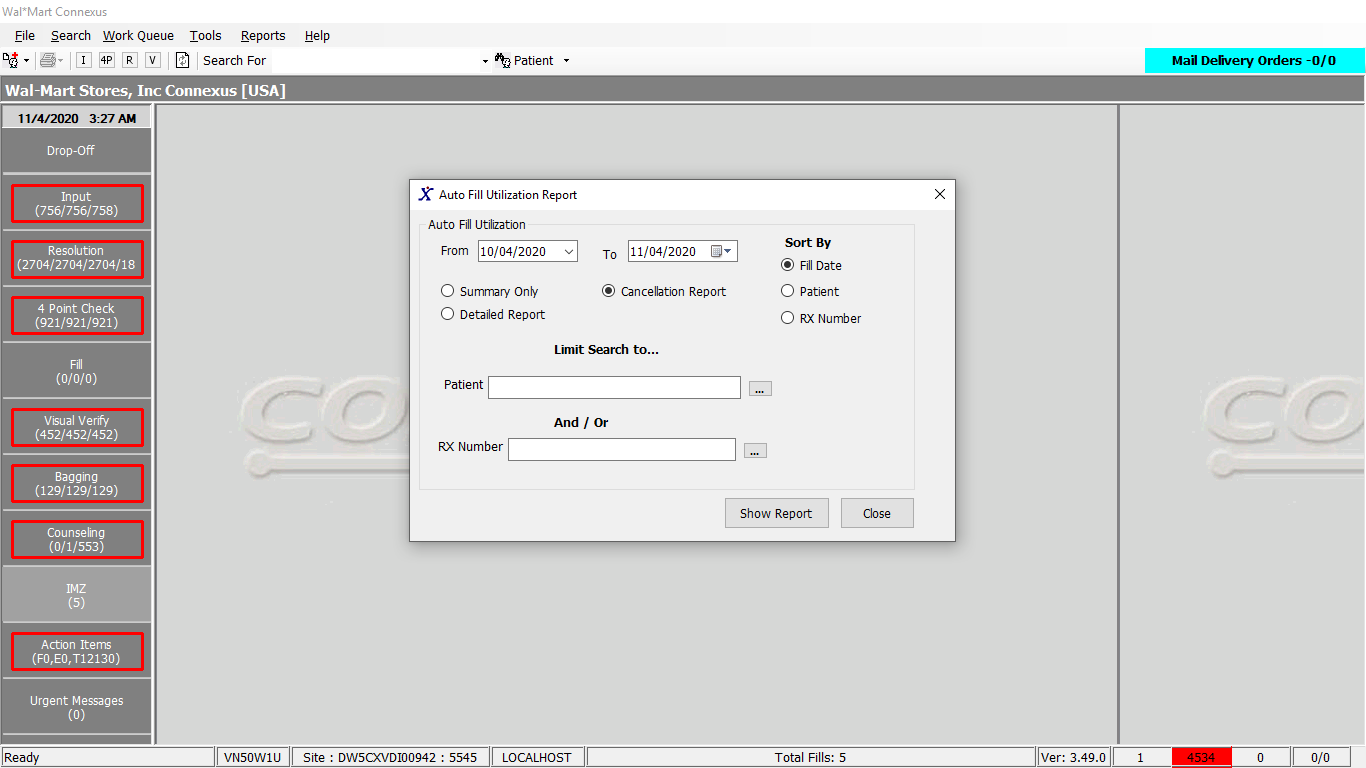
# 1.Reports/ Rx Reports/ Auto Fill Utilization Report

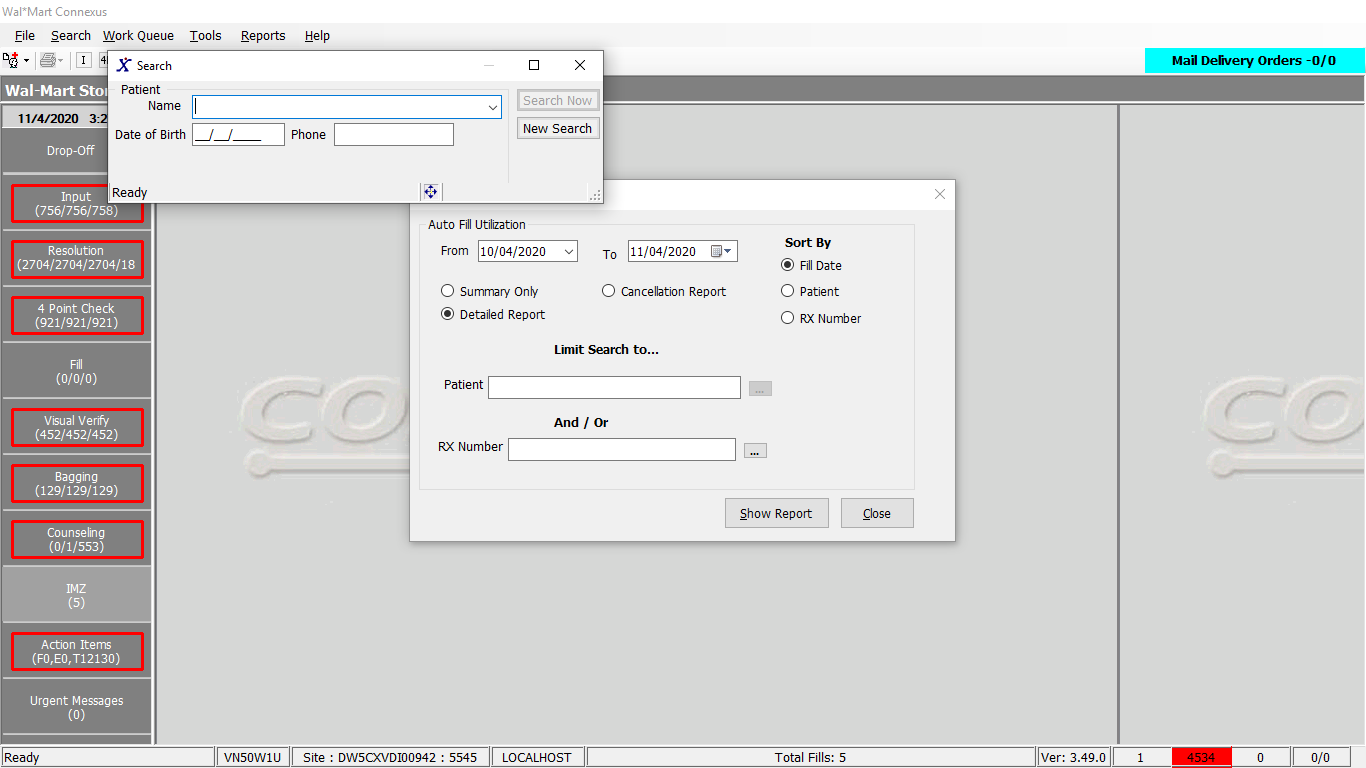
Request:

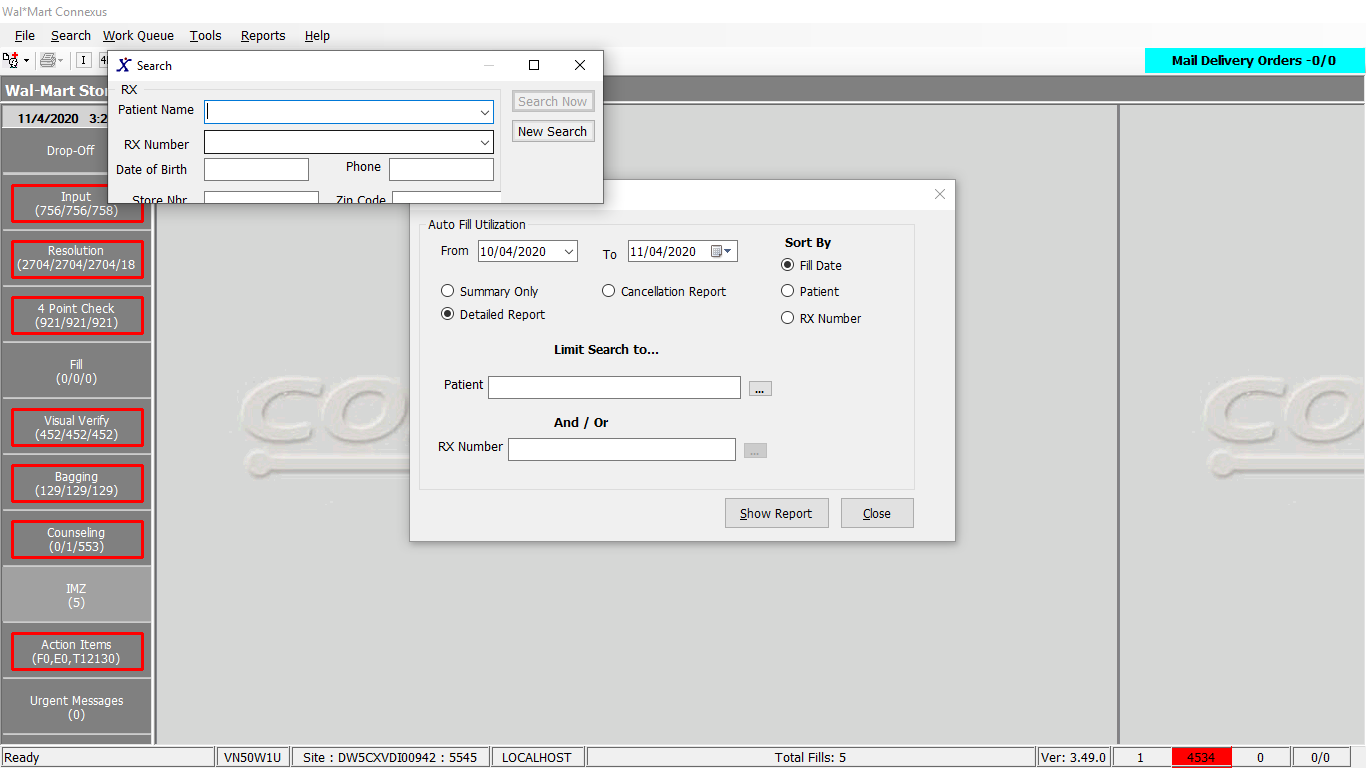
Summary Only:



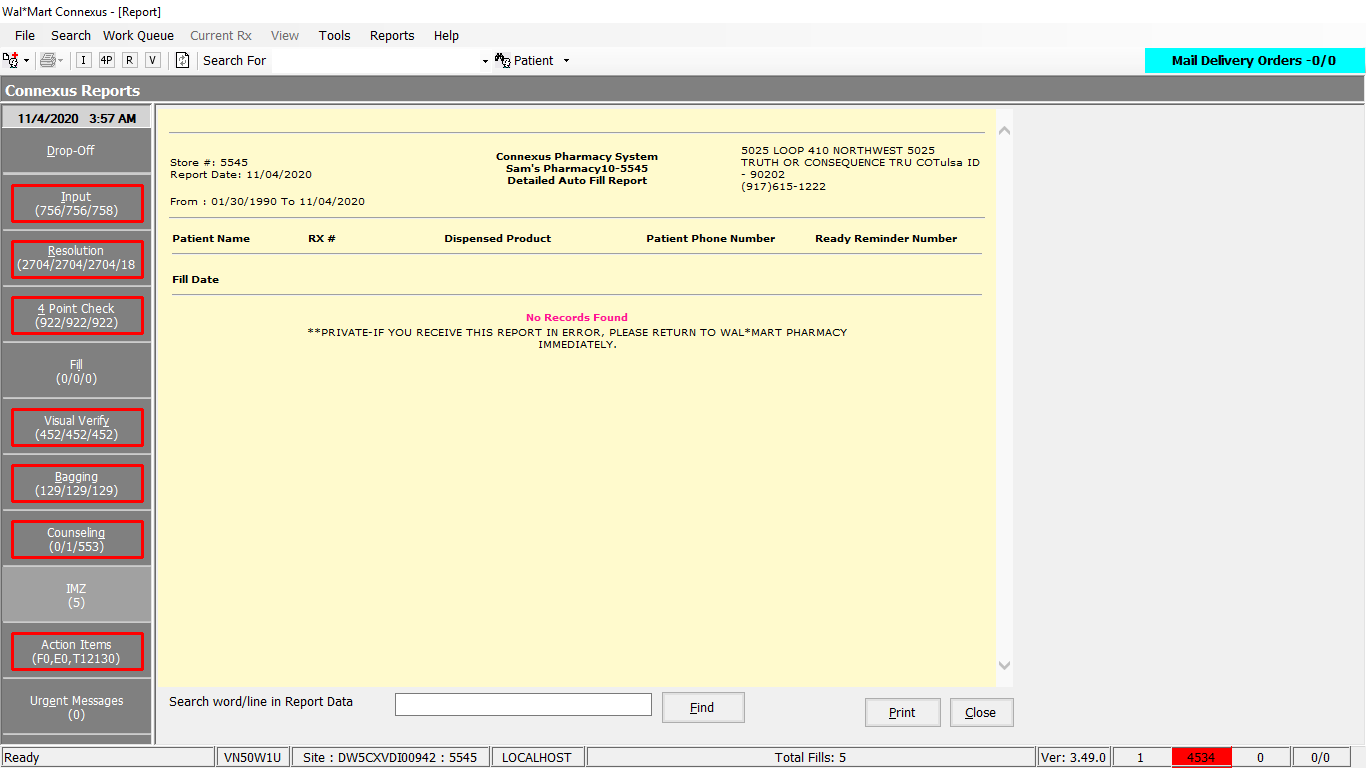
Cancellation / Detailed Report:



Child Popup :



Response:



DAL:

AutoFillSummary Queries:

sqlString.Append(ReportQueries.AutoFillSummaryMain1)

Friend Const AutoFillSummaryMain1 As String = "SELECT rf.fill\_date , COUNT(UNIQUE rf.rx\_fill\_id) NonAutoFillRefillCount " &

"FROM rx\_order\_detail rod, rx rx, rx\_fill rf, rx\_fill\_activity rfa , rx\_fill\_item rfi " &

"WHERE rod.rx\_id = rx.rx\_id AND rf.rx\_id=rx.rx\_id AND rod.rx\_fill\_id = rf.rx\_fill\_id " &

"AND rf.rx\_fill\_id = rfi.rx\_fill\_id AND rfa.rx\_fill\_id = rf.rx\_fill\_id " &

"AND rod.request\_type\_code IN (1601,1606, 1607) AND rfa.activity\_code=1119 " &

"AND rf.fill\_date >= DATE(?) AND rf.fill\_date <= DATE(?) " &

"GROUP BY rf.fill\_date " &

"ORDER BY rf.fill\_date "

'Updating AutoFillCount for showing unique Rx's details in AutoFillSummary Report

sqlString = New StringBuilder

sqlString.Append(ReportQueries.AutoFillSummaryMain2)

Friend Const AutoFillSummaryMain2 As String = "SELECT rf.fill\_date , " &

"COUNT(UNIQUE rf.rx\_fill\_id) AutoFillRefillCount " &

"FROM rx\_order\_detail rod, rx\_ord\_dtl\_activty ort, rx rx, rx\_fill rf , rx\_fill\_activity rfa , rx\_fill\_item rfi " &

"WHERE rod.order\_id = ort.order\_id AND rod.rx\_id = rx.rx\_id AND rf.rx\_id=rx.rx\_id AND rod.rx\_fill\_id = rf.rx\_fill\_id " &

"AND rf.rx\_fill\_id = rfi.rx\_fill\_id AND rfa.rx\_fill\_id = rf.rx\_fill\_id AND rf.pos\_ts is not null AND rfa.activity\_code=1119 " &

"AND rod.request\_type\_code IN (1601,1606, 1607) " &

"AND rf.fill\_date >= DATE(?) AND rf.fill\_date <= DATE(?) " &

"AND ort.activity\_userid = 'AUTOFILL' AND ort.activity\_code = 1100 and ort.work\_que\_code = 1 " &

"GROUP BY rf.fill\_date " &

"ORDER BY rf.fill\_date "

'Updating AutoFillPatientCount for showing unique Patient's details in AutoFillSummary Report

sqlString = New StringBuilder

sqlString.Append(ReportQueries.AutoFillSummaryMain4)

Friend Const AutoFillSummaryMain4 As String = "SELECT rf.fill\_date , " &

" COUNT(UNIQUE rx.Patient\_id ) NoOfAutoFillPatients " &

"FROM rx\_order\_detail rod, rx\_ord\_dtl\_activty ort, rx rx, rx\_fill rf , rx\_fill\_activity rfa , rx\_fill\_item rfi " &

"WHERE rod.order\_id = ort.order\_id AND rod.rx\_id = rx.rx\_id AND rf.rx\_id=rx.rx\_id AND rod.rx\_fill\_id = rf.rx\_fill\_id " &

"AND rf.rx\_fill\_id = rfi.rx\_fill\_id AND rfa.rx\_fill\_id = rf.rx\_fill\_id AND rf.pos\_ts is not null AND rfa.activity\_code=1119 " &

"AND rod.request\_type\_code IN (1601,1606, 1607) " &

"AND rf.fill\_date >= DATE(?) AND rf.fill\_date <= DATE(?) " &

"AND ort.activity\_userid = 'AUTOFILL' AND ort.activity\_code = 1100 and ort.work\_que\_code = 1 " &

"GROUP BY rf.fill\_date " &

"ORDER BY rf.fill\_date "

'Updating the No of Auto Fills Cancelled

sqlString = New StringBuilder

sqlString.Append(ReportQueries.AutoFillSummaryMain3)

Friend Const AutoFillSummaryMain3 As String = "Select rf.fill\_date , " &

"NVL(COUNT( UNIQUE rx.rx\_id) ,0) NoOfAutoFillCancelled " &

"FROM rx\_order\_detail rod, rx\_ord\_dtl\_activty ort, rx rx, rx\_fill rf,rx\_fill\_activity rfa " &

"WHERE rod.order\_id = ort.order\_id AND rod.rx\_id = rx.rx\_id AND rf.rx\_id=rx.rx\_id AND rod.rx\_fill\_id = rf.rx\_fill\_id " &

"AND rf.status\_code =20403 " &

"AND rfa.activity\_code IN (1143,1161) AND rod.request\_type\_code IN (1601,1606, 1607) " &

"AND rfa.activity\_seq\_nbr = (SELECT MAX(activity\_seq\_nbr) " &

"FROM rx\_fill\_activity rfa1 WHERE rfa1.activity\_code in (1141,1142,1143,1144,1145,1146,1161) " &

"AND rfa1.rx\_fill\_id = rf.rx\_fill\_id ) " &

"AND rf.fill\_date >= DATE(?) AND rf.fill\_date <= DATE(?) " &

"AND ort.activity\_userid = 'AUTOFILL' AND ort.activity\_code = 1100 and ort.work\_que\_code = 1 " &

"GROUP BY rf.fill\_date " &

"ORDER BY rf.fill\_date "

**AutofillDetail and Cancellation:**

sqlString.Append(ReportQueries.AutoFillDetailMain)

Friend Const AutoFillDetailMain As String = "Select distinct pa.patient\_id, rf.fill\_date, rx.rx\_nbr, TRIM(NVL(pa.last\_name,' ')) || ', ' || TRIM(NVL(pa.first\_name,' ')) patient, " &

"CASE WHEN rx.compound\_ind = 'N' THEN TRIM(pp.short\_name) " &

"WHEN rx.compound\_ind = 'Y' THEN TRIM(comp.compound\_name) END dispensedproduct," &

"sc.communication\_id PhoneNo,sc2.communication\_id ready\_reminder " &

"FROM rx\_order\_detail rod, rx\_ord\_dtl\_activty ort, rx rx, patient pa, OUTER subject\_comm sc, OUTER subject\_comm sc2, rx\_fill rf ," &

"OUTER (pharmacy\_offering:pharmacy\_product pp, pharmacy\_offering:pharmacy\_item pi) , " &

"OUTER (rx\_compound rxc, compound comp), rx\_fill\_item rfi, rx\_fill\_activity rfa " &

"WHERE rx.patient\_id = pa.patient\_id " &

"AND pa.patient\_id = sc.subject\_id AND sc.comm\_seq\_nbr=(CASE WHEN pa.dflt\_addr\_type\_cd = 3 then 1 else 10 end ) " &

"AND sc.subject\_type\_code = 300 AND sc.comm\_method\_code = 2 " &

"AND pa.patient\_id = sc2.subject\_id AND sc2.subject\_type\_code = 300 " &

"AND sc2.comm\_method\_code = 6 AND rfi.item\_mds\_fam\_id = pi.mds\_fam\_id " &

"AND pi.product\_mds\_fam\_id = pp.product\_mds\_fam\_id AND rod.order\_id = ort.order\_id AND rx.rx\_id = rod.rx\_id " &

"AND rx.rx\_id = rxc.rx\_id AND rxc.compound\_id = comp.compound\_id " &

"AND rod.rx\_fill\_id = rf.rx\_fill\_id AND rf.rx\_fill\_id = rfi.rx\_fill\_id AND rfa.activity\_code=1119 " &

"AND rfa.rx\_fill\_id = rf.rx\_fill\_id AND rod.request\_type\_code IN (1601,1606, 1607) " &

"AND ort.activity\_userid = 'AUTOFILL' AND ort.activity\_code = 1100 and ort.work\_que\_code = 1 " &

"AND rf.fill\_date >= date(?) AND rf.fill\_date <= date(?) "

ElseIf autoFillInputData.ReportType = AutoFillReportType.Cancellation Then

sqlString.Append(ReportQueries.AutoFillCancellation)

Friend Const AutoFillCancellation As String = "SELECT distinct pa.patient\_id, rx.rx\_nbr, rf.fill\_date, " &

"TRIM(NVL(pa.last\_name,' ')) || ', ' || TRIM(NVL(pa.first\_name,' ')) patient, " &

" EXTEND(rf.fill\_date, YEAR TO SECOND) activity\_ts, " &

"CASE WHEN rx.compound\_ind = 'N' THEN TRIM(pp.short\_name) " &

"WHEN rx.compound\_ind = 'Y' THEN TRIM(comp.compound\_name) END dispensedproduct, " &

"sc.communication\_id PhoneNo, sc2.communication\_id ready\_reminder " &

"FROM rx\_order\_detail rod, rx\_ord\_dtl\_activty ort, rx rx, " &

"patient pa, OUTER subject\_comm sc, " &

"OUTER subject\_comm sc2, " &

"rx\_fill rf , " &

"OUTER (pharmacy\_offering:pharmacy\_product pp, pharmacy\_offering:pharmacy\_item pi) , " &

"OUTER (rx\_compound rxc, compound comp), " &

"rx\_fill\_item rfi, rx\_fill\_activity rfa " &

"WHERE rx.patient\_id = pa.patient\_id AND pa.patient\_id = sc.subject\_id " &

"AND sc.comm\_seq\_nbr=(CASE WHEN pa.dflt\_addr\_type\_cd = 3 then 1 else 10 end ) " &

"AND sc.subject\_type\_code = 300 " &

"AND sc.comm\_method\_code = 2 AND pa.patient\_id = sc2.subject\_id " &

"AND sc2.subject\_type\_code = 300 AND sc2.comm\_method\_code = 6 " &

"AND rfi.item\_mds\_fam\_id = pi.mds\_fam\_id " &

"AND pi.product\_mds\_fam\_id = pp.product\_mds\_fam\_id AND rod.order\_id = ort.order\_id AND rx.rx\_id = rod.rx\_id AND rx.rx\_id = rxc.rx\_id " &

"AND rxc.compound\_id = comp.compound\_id AND rod.rx\_fill\_id = rf.rx\_fill\_id " &

"AND rf.rx\_fill\_id = rfi.rx\_fill\_id AND rod.status\_code = 20503 " &

"AND rfa.rx\_fill\_id = rf.rx\_fill\_id " &

"AND rfa.activity\_seq\_nbr = (SELECT MAX(activity\_seq\_nbr) " &

"FROM rx\_fill\_activity rfa1 " &

"WHERE rfa1.activity\_code in (1141,1142,1143,1144,1145,1146,1161) AND rfa1.rx\_fill\_id = rf.rx\_fill\_id ) " &

"AND rf.status\_code =20403 " &

"AND rf.fill\_date >= date(?) AND rf.fill\_date <= date(?) " &

"AND ort.activity\_userid = 'AUTOFILL' AND ort.activity\_code = 1100 and ort.work\_que\_code = 1 "

End If

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

autoFillInputData.FromDate))

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

autoFillInputData.ToDate))

If autoFillInputData.PatientId > 0 Then

sqlString.Append(" AND ")

sqlString.Append(" (pa.patient\_id =? ")

paramList.Add(ParameterHelper.BuildParameter("patient\_id", DbType.Int32, autoFillInputData.PatientId))

If autoFillInputData.Connector = "" Then

sqlString.Append(" ) ")

Else

sqlString.Append(" ")

sqlString.Append(autoFillInputData.Connector)

sqlString.Append(" ")

End If

End If

If autoFillInputData.RxNbr > 0 Then

If autoFillInputData.PatientId > 0 Then

sqlString.Append(" rx.rx\_nbr = ? ) ")

paramList.Add(ParameterHelper.BuildParameter("rx\_nbr", DbType.Int32, autoFillInputData.RxNbr))

Else

sqlString.Append(ReportQueries.RxNbrSearch)

Friend Const RxNbrSearch As String = " AND rx.rx\_nbr = ? "

paramList.Add(ParameterHelper.BuildParameter("rx\_nbr", DbType.Int32, autoFillInputData.RxNbr))

End If

End If

If autoFillInputData.SortBy = 1 Then

sqlString.Append(ReportQueries.ReportOrderBy)

Friend Const ReportOrderBy As String = " Order By "

sqlString.Append(" rf.fill\_date,rx.rx\_nbr,patient asc ")

ElseIf autoFillInputData.SortBy = 2 Then

sqlString.Append(ReportQueries.ReportOrderBy)

sqlString.Append(" patient,rf.fill\_date,rx.rx\_nbr asc ")

ElseIf autoFillInputData.SortBy = 3 Then

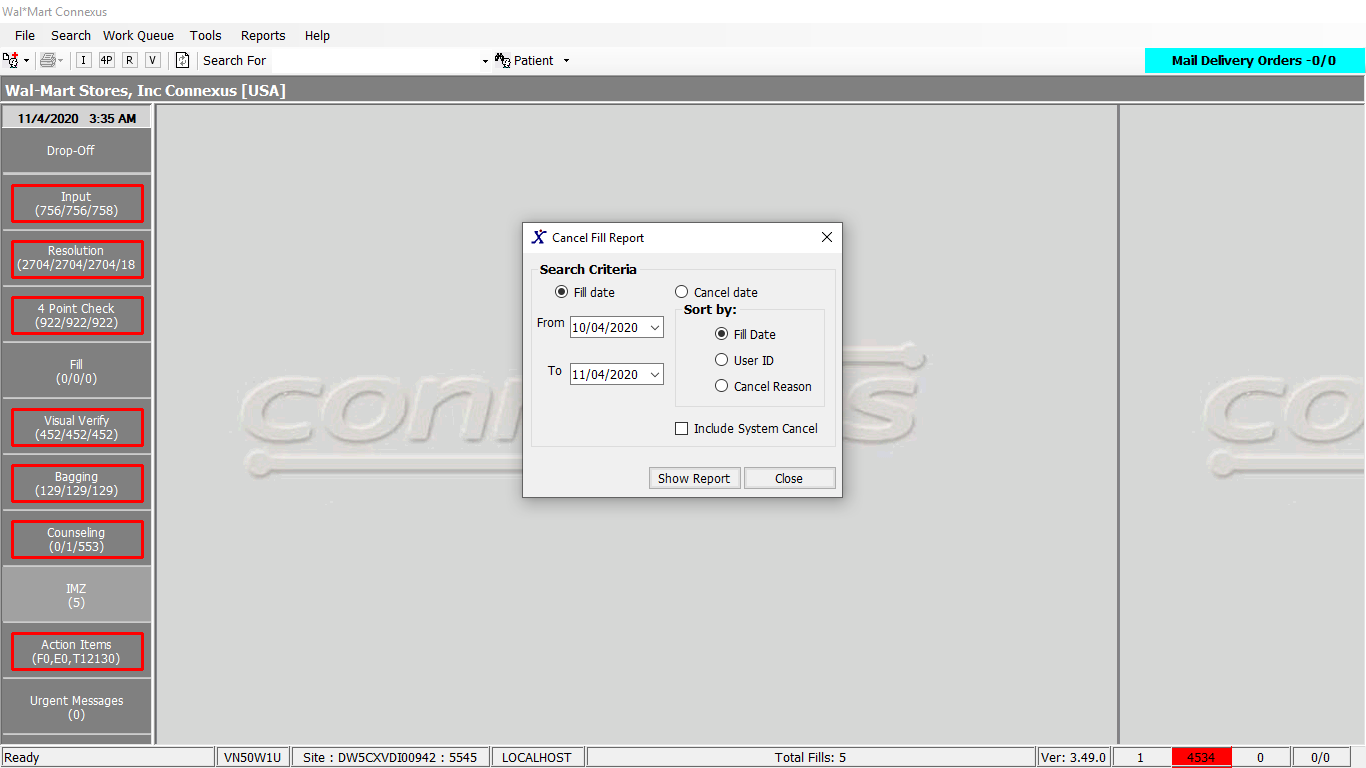
sqlString.Append(ReportQueries.ReportOrderBy)

sqlString.Append(" rx.rx\_nbr,rf.fill\_date,patient asc ")

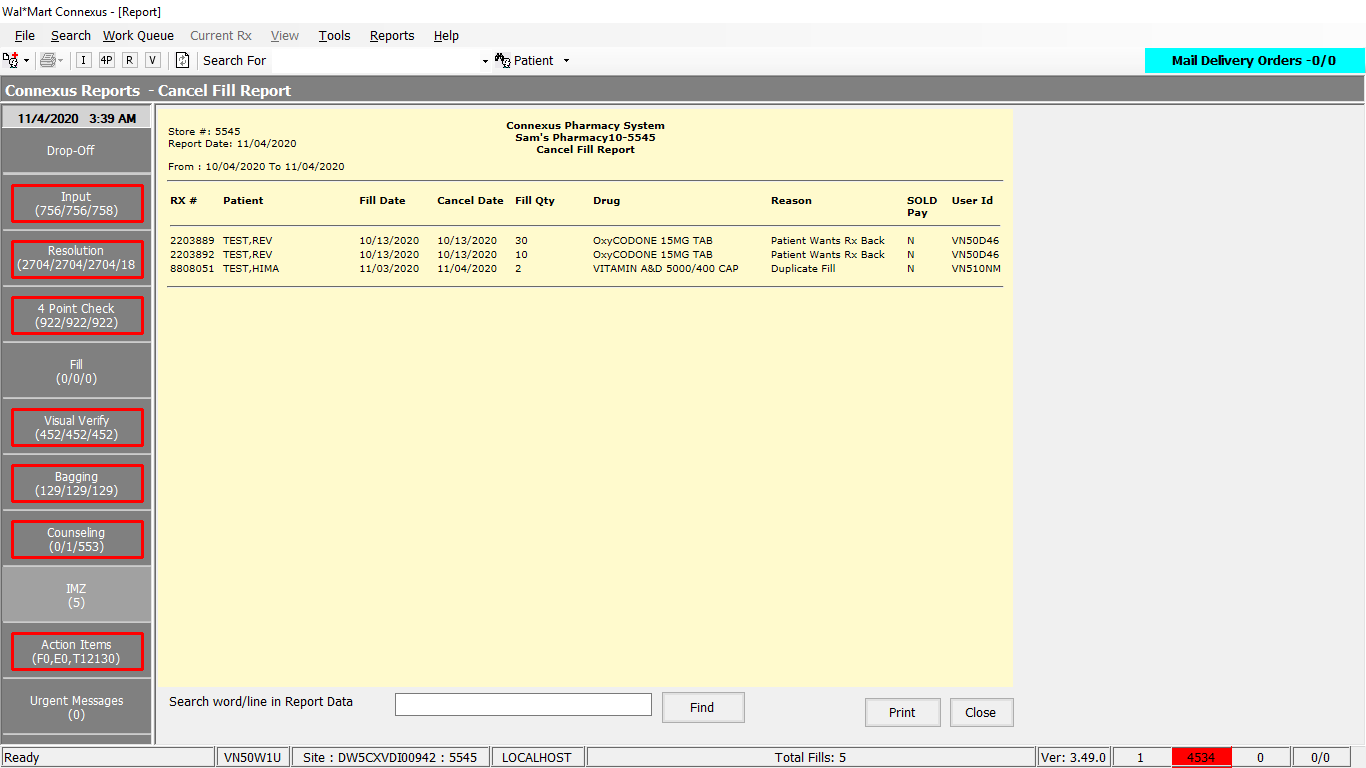
End If

# 2. Reports/ Rx Reports/ Cancel Fill Report

Request:



Response:

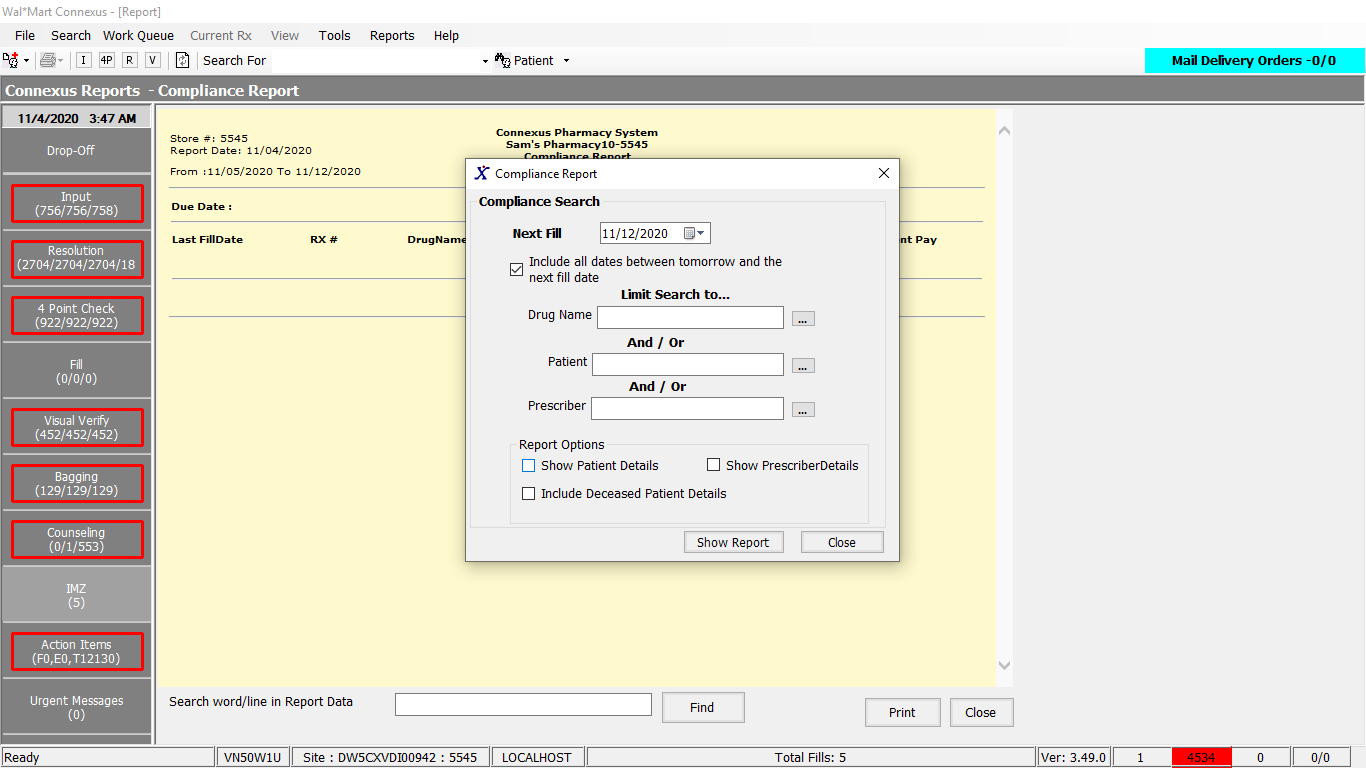


DAL Query:

1. Friend Const GetCancelFillReportDataSelectPart1 As String = "SELECT rx.rx\_id, rx.rx\_nbr, TRIM(NVL(pat.last\_name,'')) || ',' || TRIM(NVL(pat.first\_name,'')) || ' ' || TRIM(NVL(pat.middle\_name,'')) pat\_name, rf.rx\_fill\_id, rf.fill\_date, date(rfa.activity\_ts) cancel\_date, CASE WHEN rx.compound\_ind ='Y' THEN c.compound\_name WHEN rx.compound\_ind !='Y' THEN pp.short\_name END drug\_name, CASE WHEN 0 < (SELECT COUNT(\*) FROM pos\_activity pa WHERE pa.rx\_fill\_id = rf.rx\_fill\_id AND pos\_txn\_type\_code = 5700) THEN 'Y' ELSE 'N' END Sold, NVL(rf.fill\_qty, 0) fill\_qty, "
2. Friend Const GetCancelFillReportDataSelectPart3 As String = " AND rf.rx\_fill\_id = rfa.rx\_fill\_id AND rfa.activity\_code IN (29107, 29108, 29109) AND rf.rx\_fill\_id = rod.rx\_fill\_id AND rod.order\_id = roda.order\_id AND rod.order\_seq\_nbr = roda.order\_seq\_nbr AND roda.activity\_code IN (?, ?, ?, ?,?, ?, ?, ?) AND roda.activity\_seq\_nbr = (SELECT MIN(roda2.activity\_seq\_nbr) FROM rx\_ord\_dtl\_activty roda2 WHERE roda2.order\_id = roda.order\_id AND roda2.order\_seq\_nbr = roda.order\_seq\_nbr AND roda2.activity\_code IN (?, ?, ?, ?, ?,?, ?, ?)) AND roda.activity\_code = act.activity\_code AND rf.rx\_fill\_id = rod1.rx\_fill\_id AND rod1.order\_id = roda1.order\_id AND rod1.order\_seq\_nbr = roda1.order\_seq\_nbr AND roda1.activity\_code = ? AND roda1.activity\_code = act1.activity\_code AND roda1.activity\_seq\_nbr = (SELECT MIN(roda3.activity\_seq\_nbr) FROM rx\_ord\_dtl\_activty roda3 WHERE roda3.order\_id = roda1.order\_id AND roda3.order\_seq\_nbr = roda1.order\_seq\_nbr AND roda3.activity\_code = ? )"
3. Friend Const GetCancelFillReportDataSelectPart4 As String = " AND rfa1.rx\_fill\_id=rf.rx\_fill\_id AND rfa1.activity\_code in (?, ?, ?, ?, ?, ?,?, ?,?) AND rfa1.activity\_seq\_nbr=(SELECT MIN(rfa2.activity\_seq\_nbr) FROM rx\_fill\_activity rfa2 WHERE rfa2.rx\_fill\_id = rfa1.rx\_fill\_id AND rfa2.activity\_code in (?, ?, ?, ?, ?,?, ?, ?,?)) AND rfa1.activity\_code=act2.activity\_code "

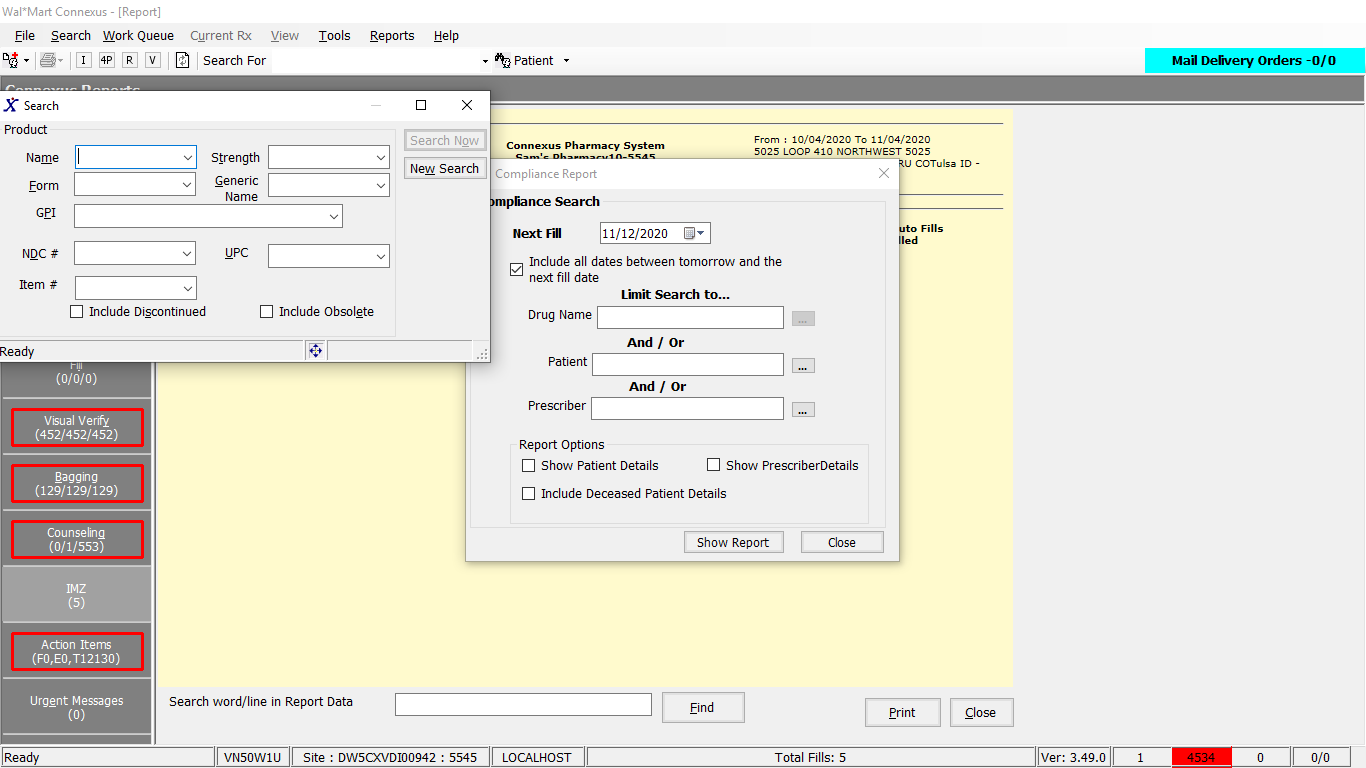
# 3. Reports/ Rx Reports/ Complaince Report

Request:

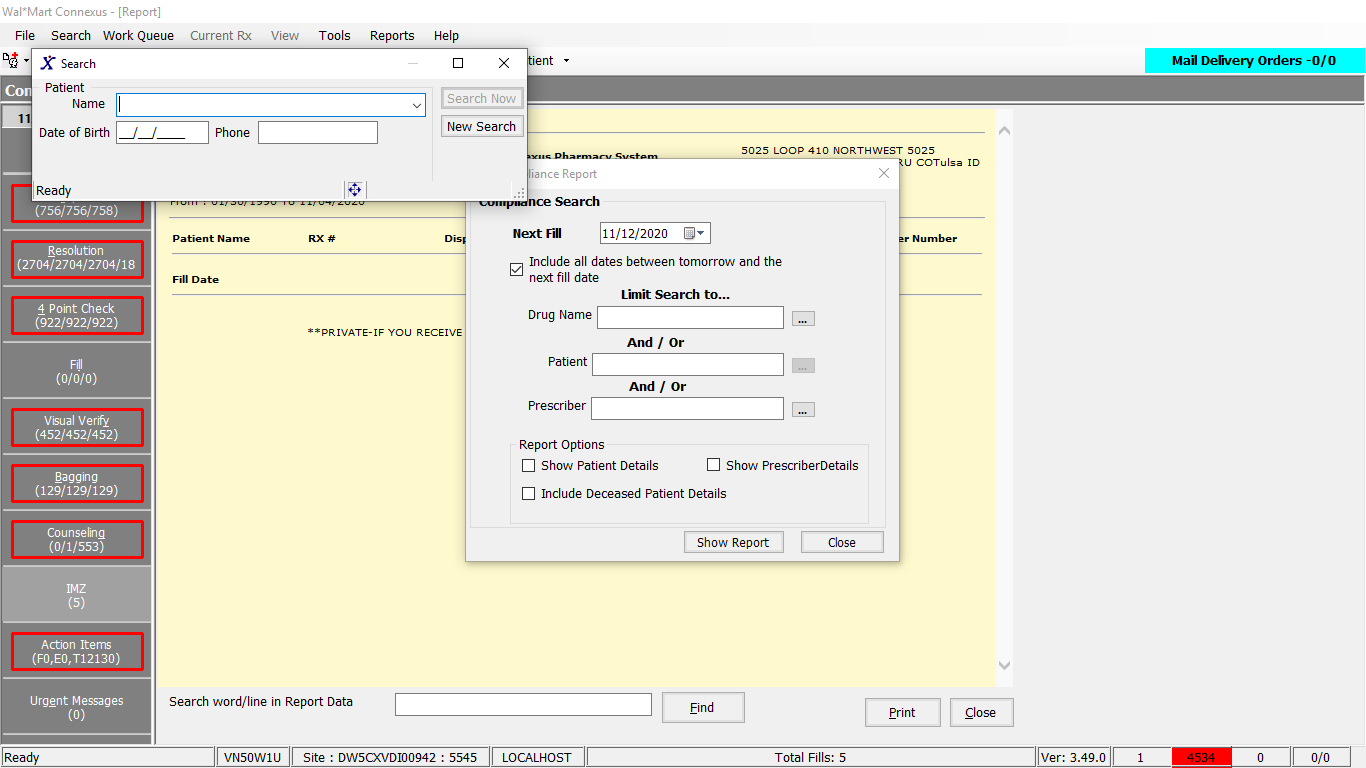


Child Popup:

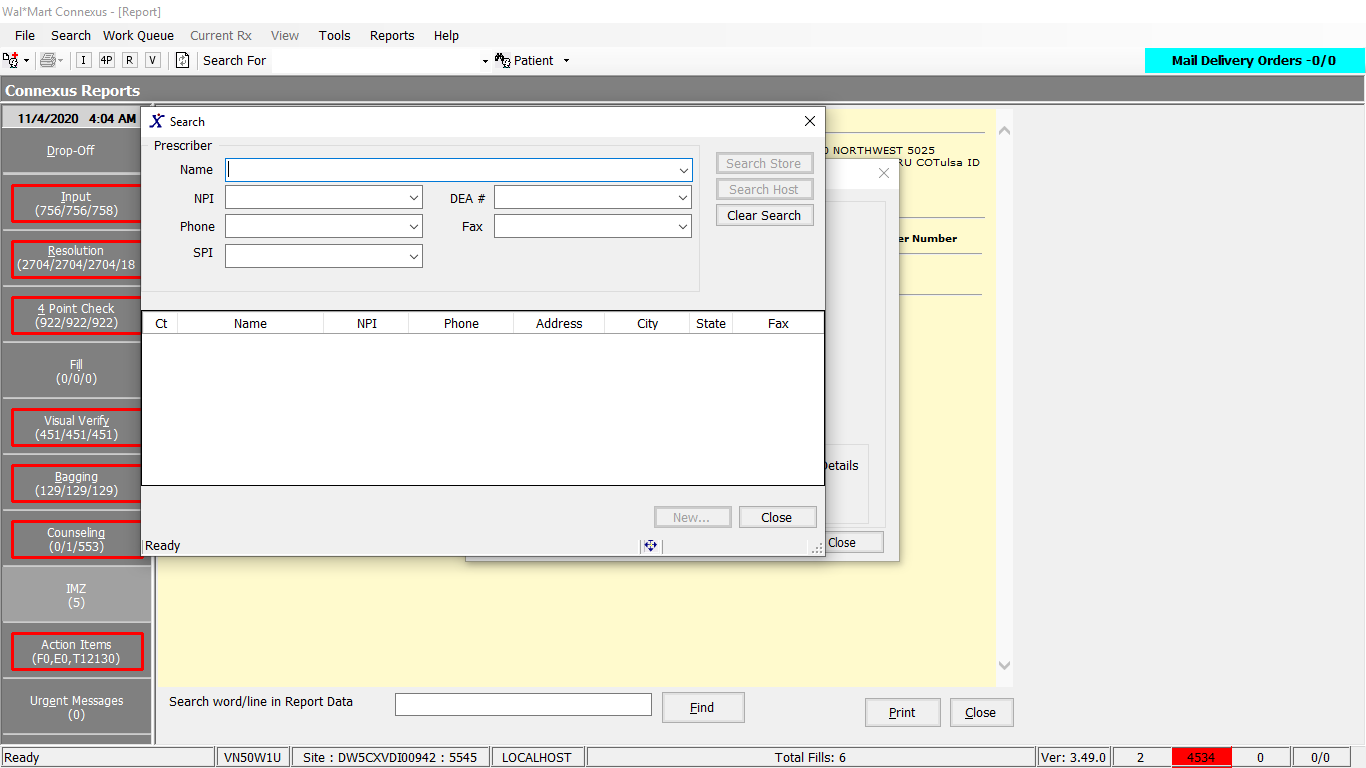
Drug Name:



Patient Name:

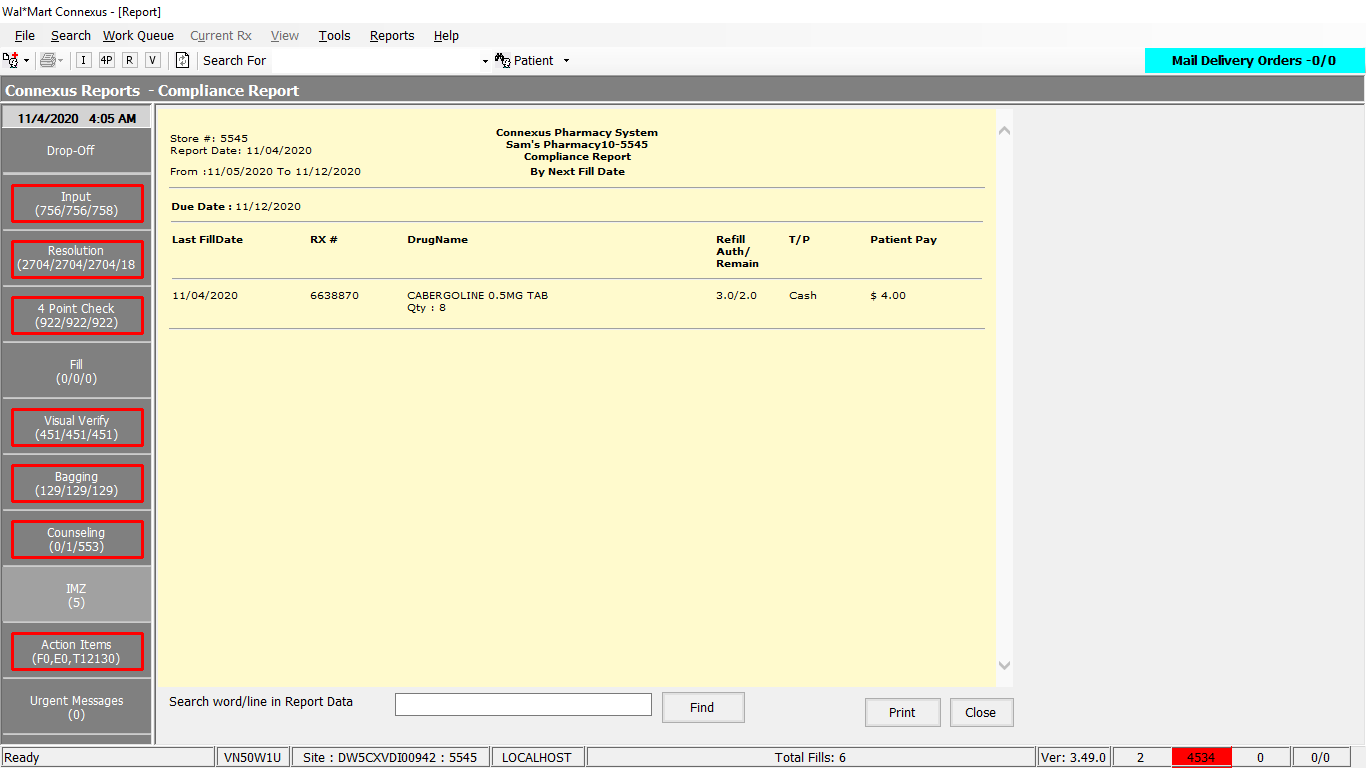


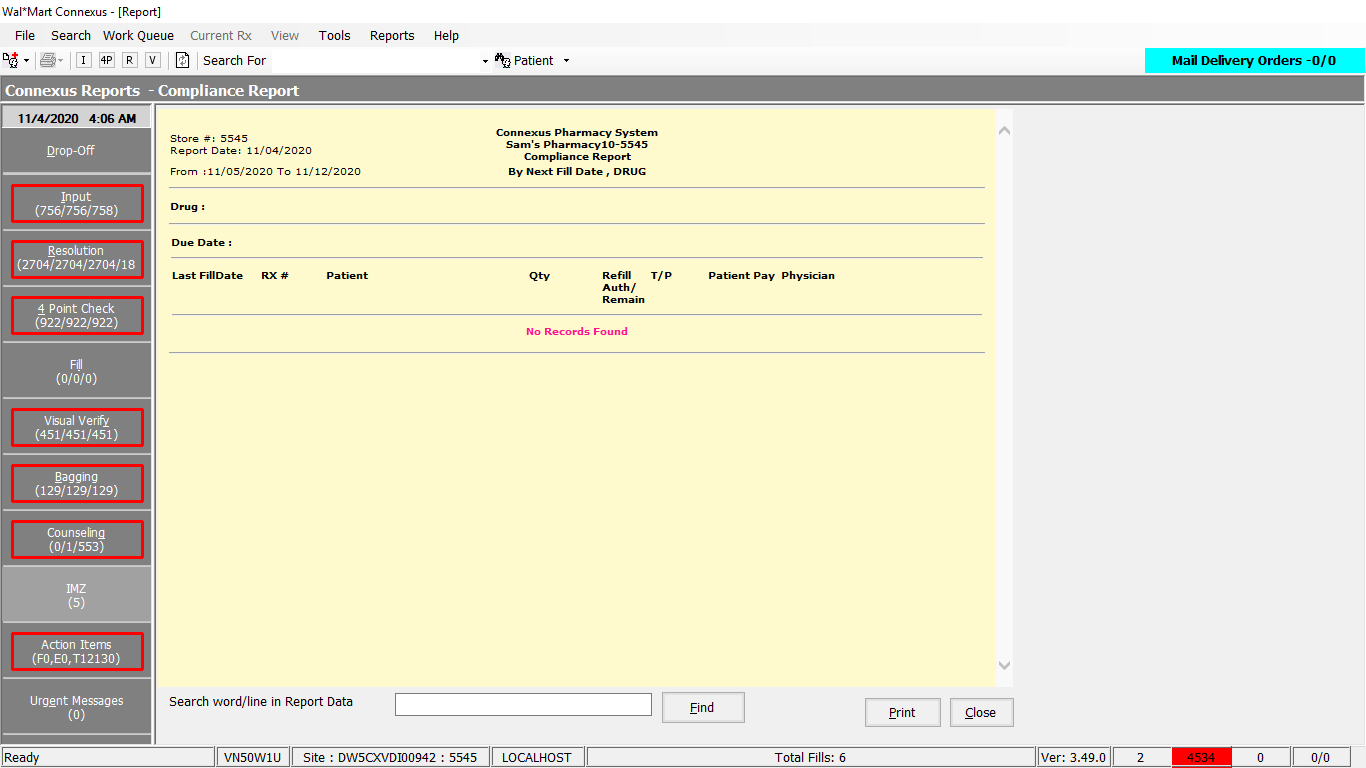
Prescriber:

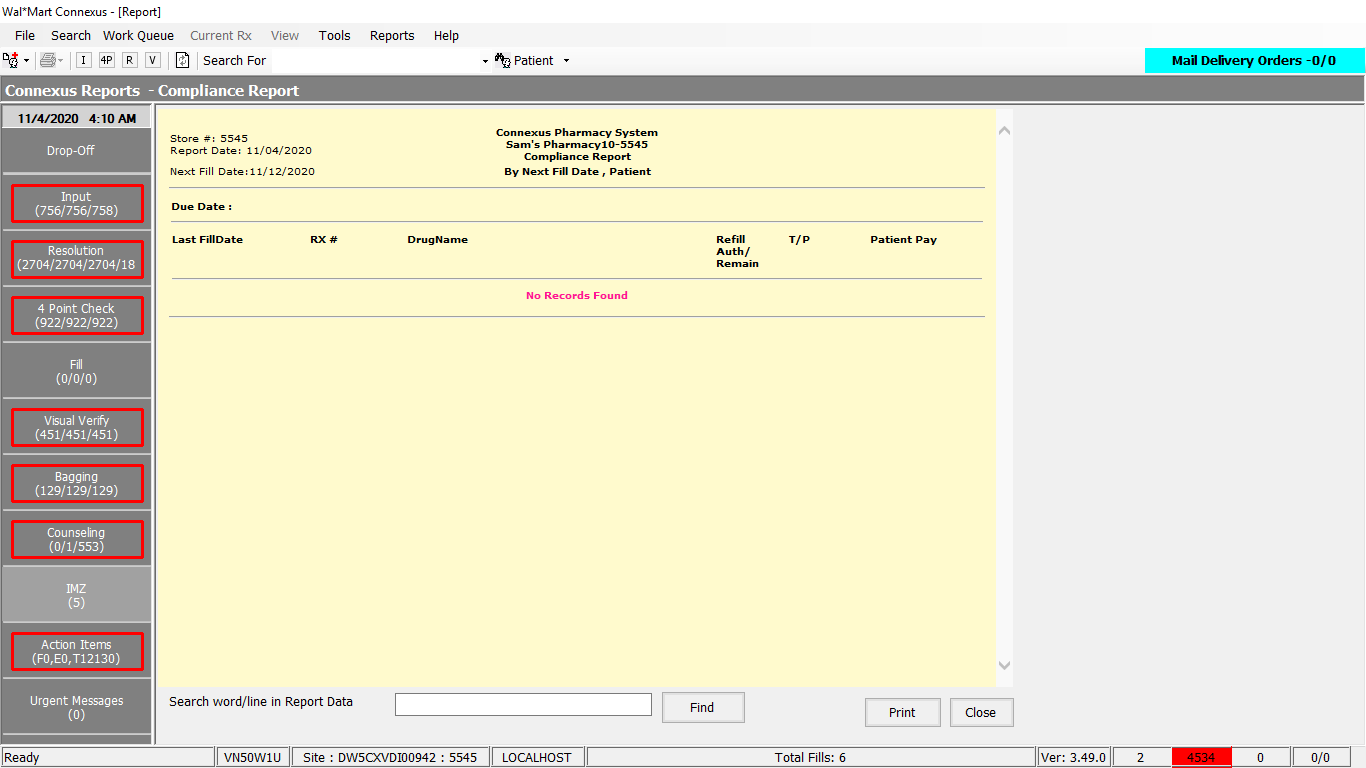


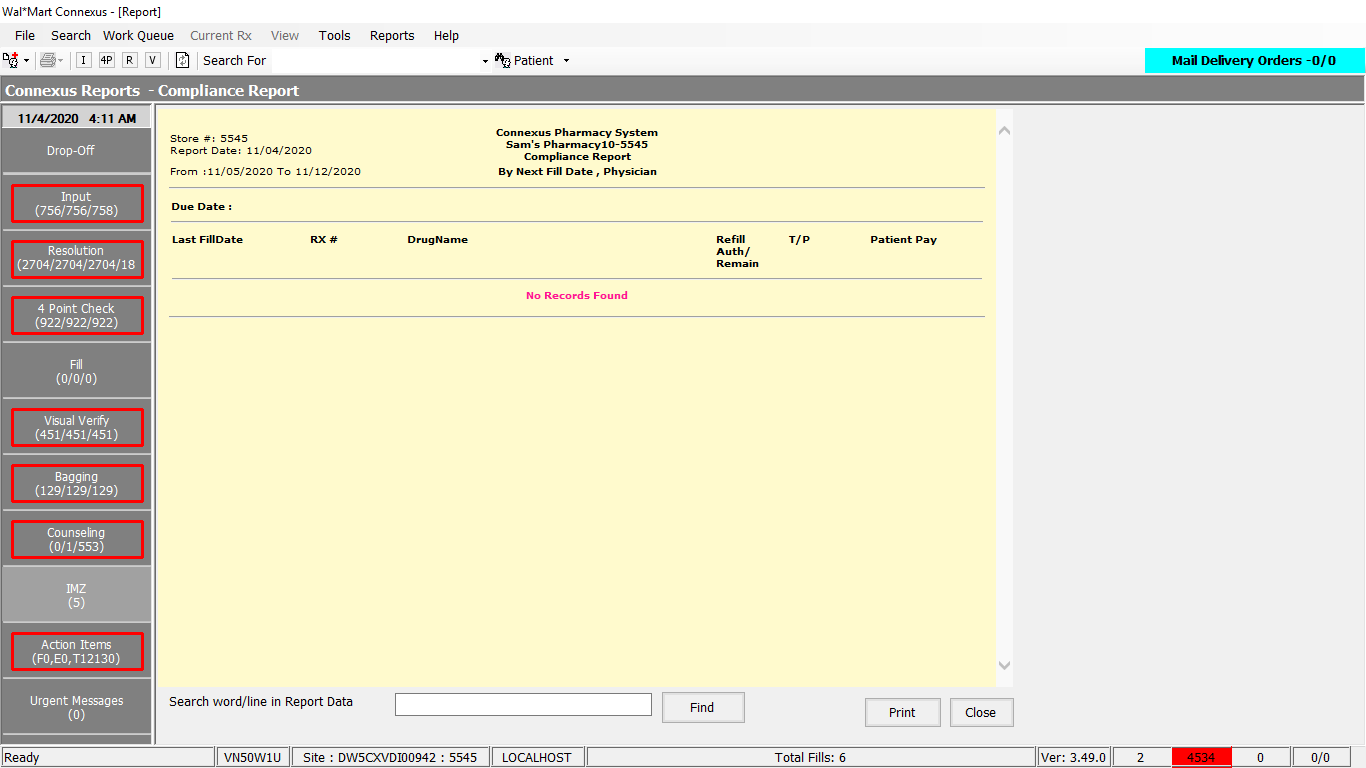
Response:

Below Screenshots are based on different input parameters









DAL Query:

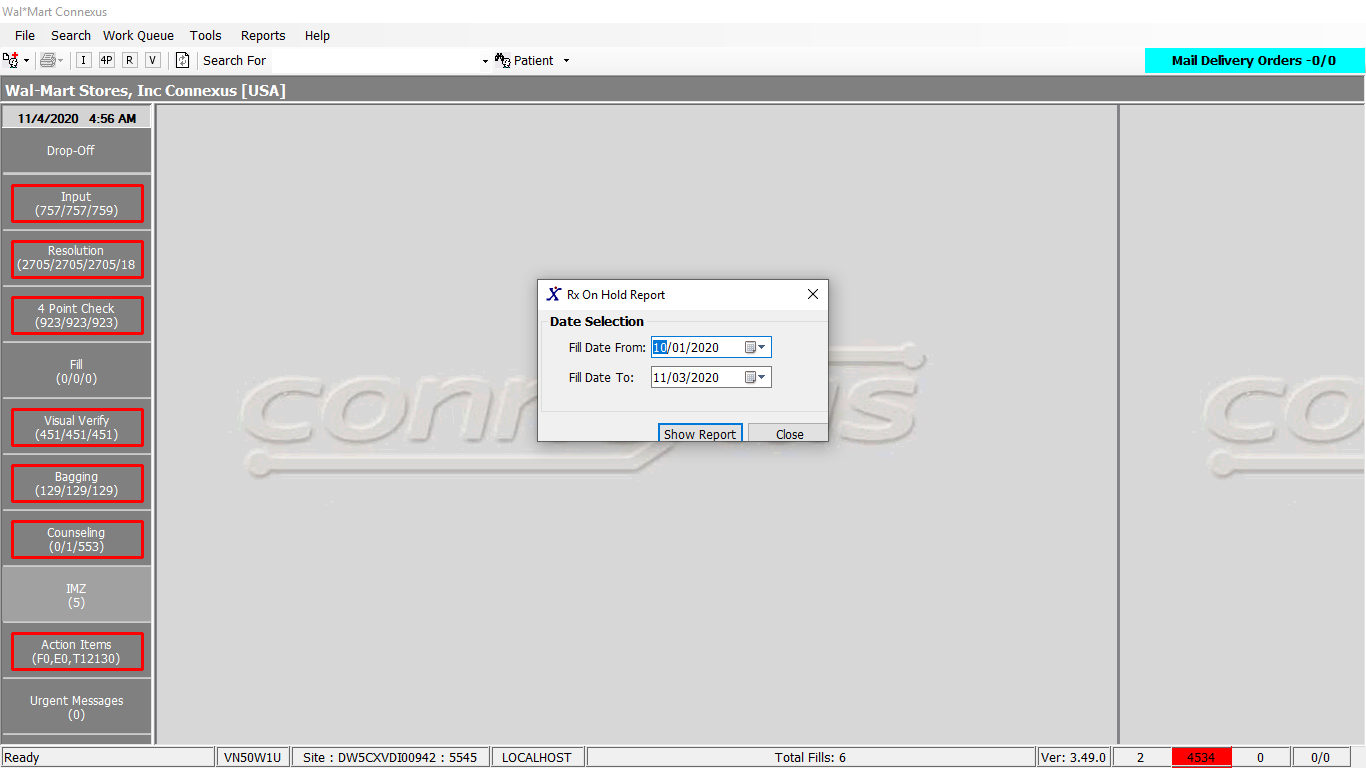
1. Friend Const GetComplianceSelectPart1 As String = " SELECT rx.rx\_nbr, rxf.fill\_date,pa.birth\_date, dr.prescriber\_id," & " TRIM(NVL(pa.last\_name,'')) || ', ' || TRIM(NVL(pa.first\_name,'')) || ' ' || TRIM(NVL(pa.middle\_name,'')) PatientName," & " TRIM(NVL(dr.last\_name,'')) || ', ' || TRIM(NVL(dr.first\_name,'')) || ' ' || TRIM(NVL(dr.middle\_name,'')) DrName," & " NVL(rpl.license\_nbr,drl.license\_nbr) DEA, pp.short\_name, rx.expanded\_sig\_txt," & " (rxf.fill\_date + nvl(rxf.fill\_days\_sply\_qty,0) UNITS DAY) nextfilldate, CASE WHEN rx.refill\_auth\_code IS NULL " & " THEN CAST(rx.refills\_auth\_nbr as VARCHAR(3)) WHEN rx.refill\_auth\_code IS NOT NULL THEN" & " (SELECT code\_desc FROM pharmacy\_code\_txt WHERE code\_id = rx.refill\_auth\_code) END refill\_auth\_nbr, rxf.fill\_qty," & " rx.rx\_written\_date, rx.last\_rx\_fill\_id, rxf.patient\_due\_amt, sa1.address\_line\_1 p\_add1, sa1.address\_line\_2 p\_add2," & " sa1.city\_name p\_city, sa1.state\_prov\_code p\_state, sa1.postal\_code p\_postal, sa2.address\_line\_1 d\_add1," & " sa2.address\_line\_2 d\_add2, sa2.city\_name d\_city, sa2.state\_prov\_code d\_state, sa2.postal\_code d\_postal," & " sc1.communication\_id p\_phone, sc2.communication\_id d\_phone, CASE WHEN rxf.third\_party\_ind = 'Y' Then" & " ( SELECT phm\_co\_name\_abbr FROM phm\_company WHERE phm\_co\_id = (SELECT aff\_party\_id FROM rx\_sale\_detail rsd" & " WHERE rsd.rx\_fill\_id = rxf.rx\_fill\_id AND rsd.txn\_type\_code = ? AND rsd.status\_code IN (?, ?, ?, ?))) ELSE 'Cash' END TP," & " CASE WHEN rx.refill\_auth\_code IS NOT NULL THEN pct.code\_abbr WHEN rx.refill\_auth\_code IS NULL AND rx.remaining\_qty = 0.0" & " THEN '0' WHEN rx.refill\_auth\_code IS NULL AND rxf.fill\_qty = 0.0 AND rx.fill\_qty != 0.0 " & " THEN TRIM(CAST(ROUND(rx.remaining\_qty/rx.fill\_qty,1) as CHAR(6)))WHEN rx.refill\_auth\_code IS NULL AND rxf.fill\_qty = 0.0 AND" & " rx.fill\_qty = 0.0 THEN '0'ELSE TRIM(CAST(ROUND(rx.remaining\_qty / rxf.fill\_qty,1) AS CHAR(6)))END RefillsRemain" & " FROM rx rx, rx\_fill rxf, patient pa, rx\_fill\_item rfi,OUTER Subject\_address sa1,OUTER Subject\_address sa2," & " OUTER Subject\_Comm sc1, OUTER Subject\_Comm sc2, prescriber dr, pharmacy\_offering:pharmacy\_product pp," & " pharmacy\_offering:pharmacy\_item pi, OUTER prescriber\_license drl, OUTER rx\_prsbr\_license rpl, OUTER pharmacy\_code\_txt pct" & " WHERE rx.last\_rx\_fill\_id = rxf.rx\_fill\_id AND rx.refill\_auth\_code = pct.code\_id AND rxf.status\_code = ? AND " & " rx.status\_code = ? AND rxf.fill\_type\_code = ? AND rx.patient\_id = pa.patient\_id AND" & " rx.patient\_id = sa1.subject\_id AND sa1.subject\_type\_code = ? AND sa1.addr\_type\_code = pa.dflt\_addr\_type\_cd " & " AND rx.prescriber\_id = dr.prescriber\_id AND dr.prescriber\_id > 0 AND rx.prescriber\_id = sa2.subject\_id " & " AND sa2.subject\_type\_code = ? AND sa2.address\_seq\_nbr = ? AND sc1.subject\_type\_code = ? AND " & " sc1.comm\_method\_code = ? AND sc1.comm\_seq\_nbr= ( case when pa.dflt\_addr\_type\_cd = 3 then 1 else 10 end ) " & " AND rx.patient\_id= sc1.subject\_id AND sc2.subject\_type\_code = ? AND sc2.comm\_method\_code = ?

" & " AND rx.prescriber\_id= sc2.subject\_id AND sc2.comm\_seq\_nbr = ? AND rx.prescriber\_id = drl.prescriber\_id" & " AND drl.license\_seq\_nbr = (SELECT MIN(drls.license\_seq\_nbr) FROM prescriber\_license drls WHERE" & " drls.prescriber\_id = drl.prescriber\_id AND (drls.expiration\_date IS NULL OR drls.expiration\_date >= TODAY) " & " AND (drls.effective\_date is NULL OR drls.effective\_date <= TODAY) "

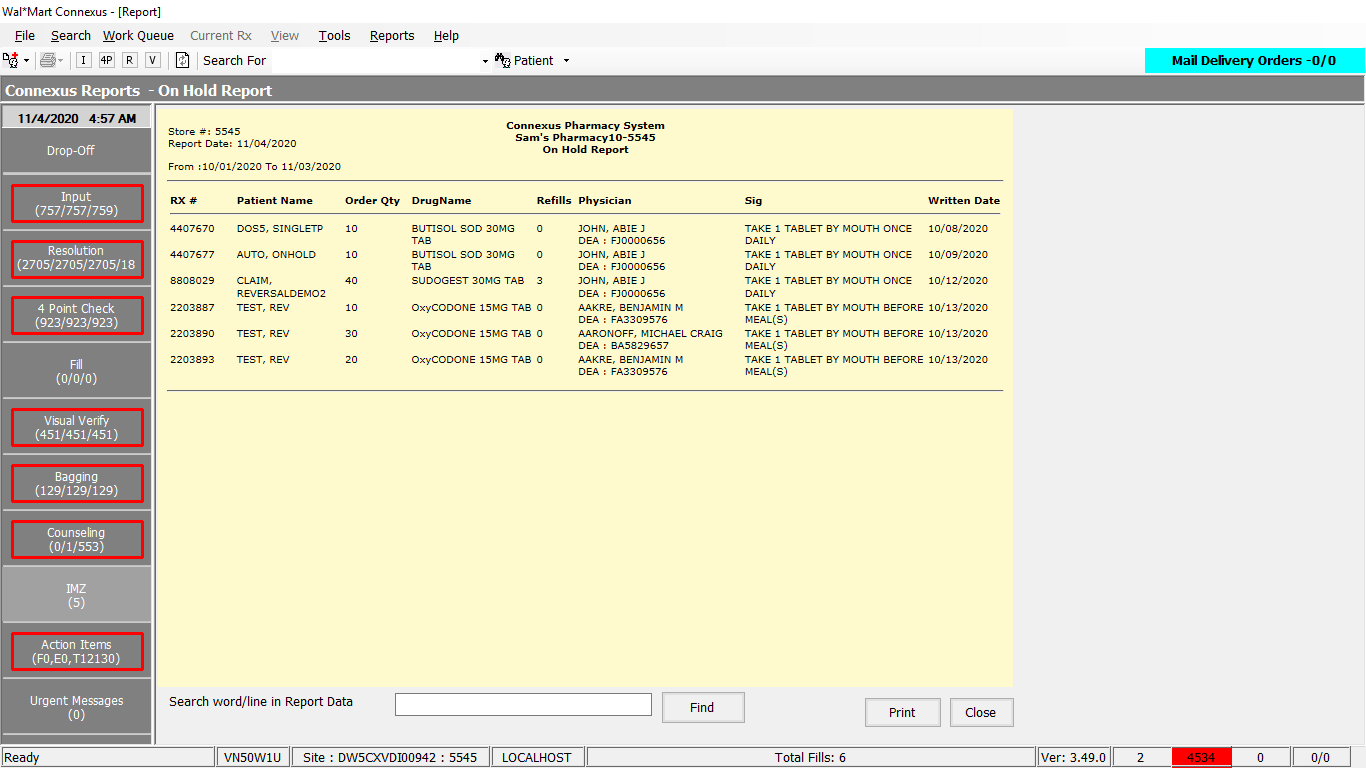
2. Friend Const GetComplianceSelectPart2 As String = " AND rpl.rx\_id = rx.rx\_id AND rpl.prescriber\_id = rx.prescriber\_id AND rpl.license\_type\_code = ? AND (((SELECT count(rfa1.activity\_code) FROM rx\_fill\_activity rfa1 WHERE rfa1.rx\_fill\_id = rxf.rx\_fill\_id AND rfa1.activity\_code = 15116) > 0 AND rpl.license\_nbr like 'X%') OR ((SELECT count(rfa2.activity\_code) FROM rx\_fill\_activity rfa2 WHERE rfa2.rx\_fill\_id = rxf.rx\_fill\_id AND rfa2.activity\_code = 15115) > 0 AND rpl.license\_nbr not like 'X%') OR ((SELECT count(rfa2.activity\_code) FROM rx\_fill\_activity rfa2 WHERE rfa2.rx\_fill\_id = rxf.rx\_fill\_id AND rfa2.activity\_code in (15115,15116)) = 0)) AND rxf.rph\_of\_rec\_userid is not NULL AND rxf.rph\_of\_rec\_userid <> '' AND rxf.rx\_fill\_id = rfi.rx\_fill\_id 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 ((rx.refills\_auth\_nbr > 0 AND rx.remaining\_qty > 0) or (rx.refill\_auth\_code is not null)) AND rx.rx\_exp\_date > (rxf.fill\_date + nvl(rxf.fill\_days\_sply\_qty,0) UNITS DAY) AND rx.rx\_exp\_date > (TODAY + 1 UNITS DAY) AND rx.patient\_id > 0 AND rx.rx\_nbr IS NOT NULL "

# 4. Reports/ Rx Reports/ On Hold Report

Request



Response:



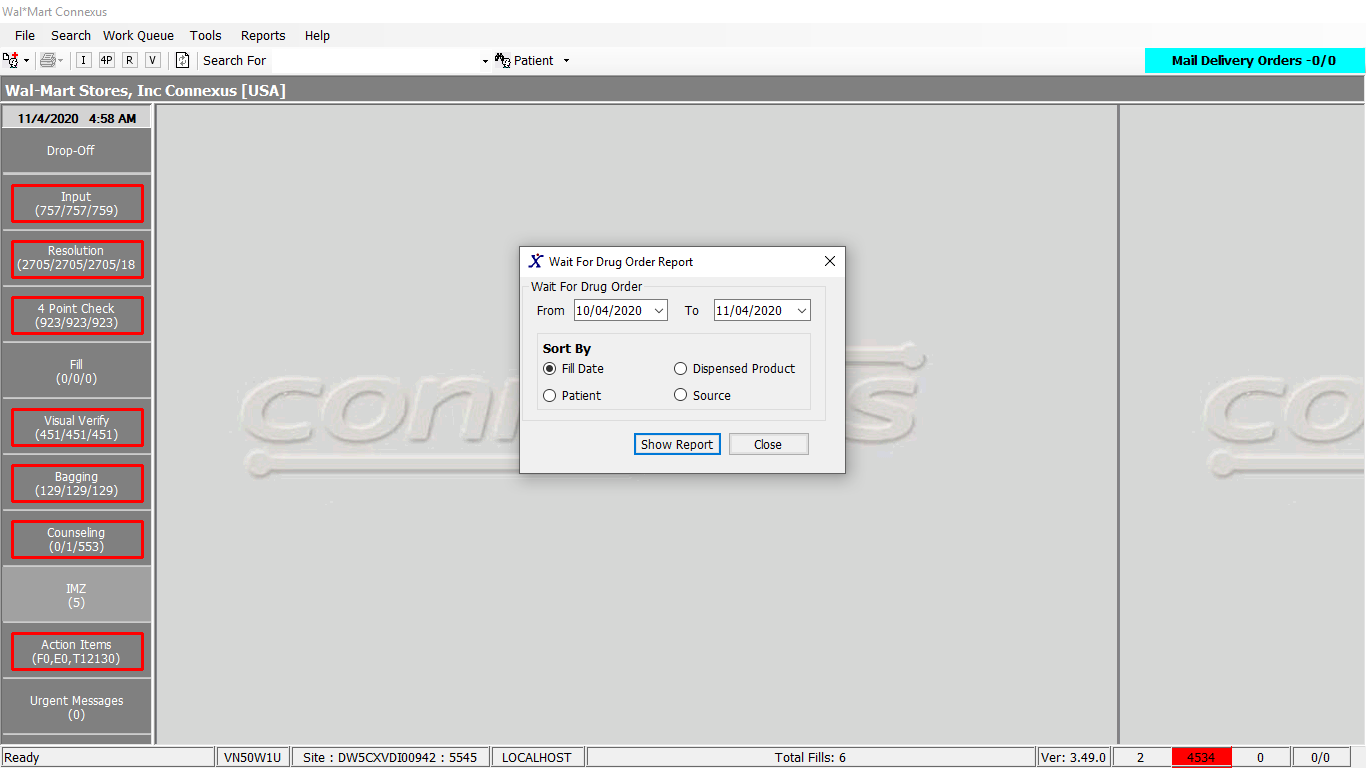
DAL

Query:

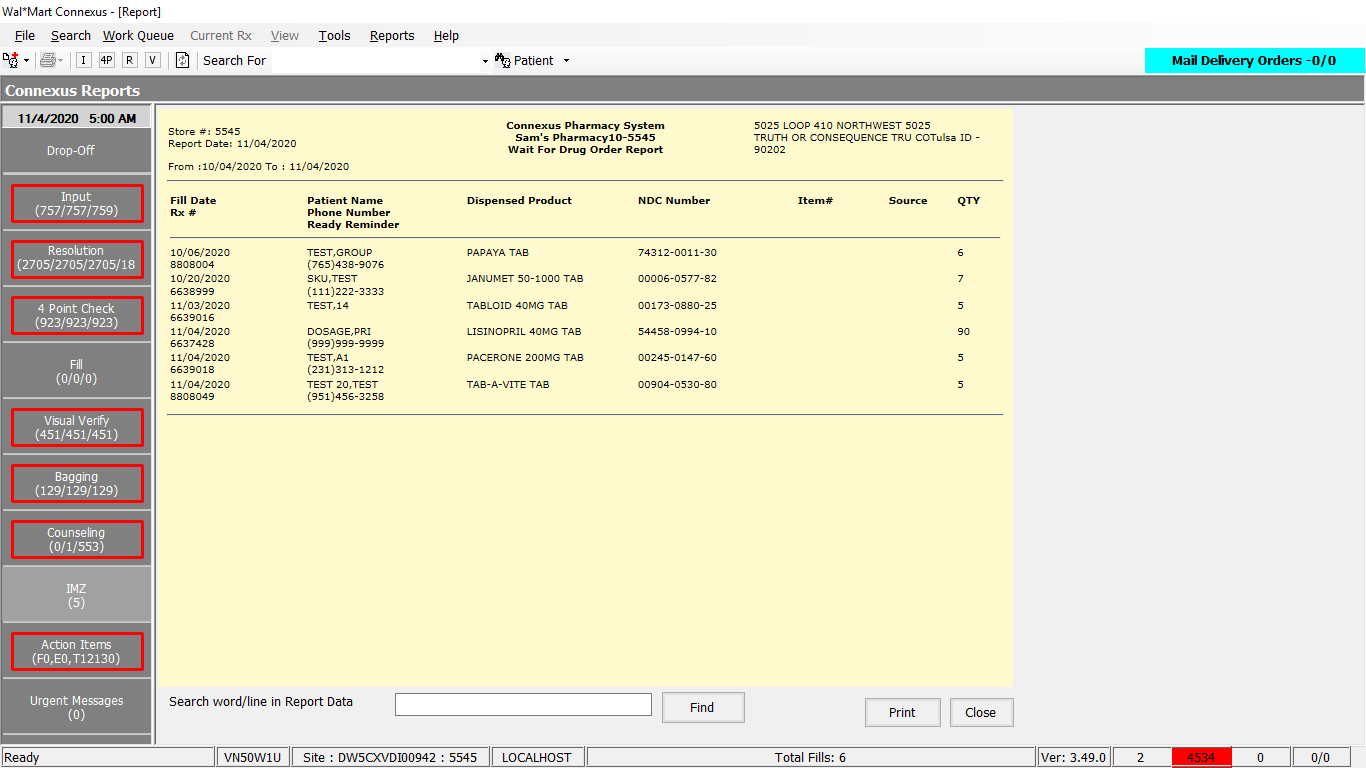
GetOnHoldReportSelectPart1 As String = " SELECT rx.rx\_nbr, TRIM(NVL(pa.last\_name,'')) || ', ' || TRIM(NVL(pa.first\_name,'')) || ' ' || TRIM(NVL(pa.middle\_name,'')) PatientName, TRIM(NVL(dr.last\_name,'')) || ', ' || TRIM(NVL(dr.first\_name,'')) || ' ' || TRIM(NVL(dr.middle\_name,'')) DrName, NVL(rpl.license\_nbr,drl.license\_nbr) DEA, pp.short\_name, Trim(NVL(rx.expanded\_sig\_txt,'')) Sig, CASE WHEN rx.refill\_auth\_code IS NULL THEN CAST(rx.refills\_auth\_nbr as VARCHAR(3)) WHEN rx.refill\_auth\_code IS NOT NULL THEN (SELECT code\_desc FROM pharmacy\_code\_txt WHERE code\_id = rx.refill\_auth\_code) END refill\_auth\_nbr, rxf.fill\_qty, rx.rx\_written\_date, rx.last\_rx\_fill\_id " Friend Const GetOnHoldReportSelectPart2 As String = " patient pa, prescriber dr, rx\_fill\_item rfi, pharmacy\_offering:pharmacy\_product pp, pharmacy\_offering:pharmacy\_item pi, OUTER prescriber\_license drl, OUTER rx\_prsbr\_license rpl WHERE rx.patient\_id > 0 " Friend Const GetOnHoldReportSelectPart3 As String = " AND rx.rx\_nbr IS NOT NULL AND rx.patient\_id = pa.patient\_id AND rx.last\_rx\_fill\_id = rxf.rx\_fill\_id AND rx.prescriber\_id = dr.prescriber\_id AND dr.prescriber\_id > 0 AND dr.prescriber\_id = drl.prescriber\_id AND rpl.rx\_id = rx.rx\_id AND rpl.prescriber\_id = rx.prescriber\_id AND drl.license\_seq\_nbr = (SELECT MIN (drls.license\_seq\_nbr) FROM prescriber\_license drls WHERE drls.prescriber\_id = dr.prescriber\_id AND (drls.expiration\_date IS NULL OR drls.expiration\_date >= TODAY) AND (drls.effective\_date is NULL OR drls.effective\_date <= TODAY) " Friend Const GetOnHoldReportSelectPart4 As String = " AND rxf.rx\_fill\_id = rfi.rx\_fill\_id 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 rx.status\_code = 20604" Friend Const GetOnHoldReportSelectPart5 As String = " AND rod.rx\_id = rx.rx\_id AND rod.rx\_fill\_id = rxf.rx\_fill\_id AND roda.order\_id = rod.order\_id AND roda.order\_seq\_nbr = rod.order\_seq\_nbr AND roda.activity\_seq\_nbr = (SELECT NVL(MAX(roda1.activity\_seq\_nbr),0) FROM rx\_ord\_dtl\_activty roda1 WHERE roda1.order\_id = rod.order\_id AND roda1.order\_seq\_nbr= rod.order\_seq\_nbr AND roda1.activity\_code = ( 1141 )) AND roda.activity\_code = 1141 AND rod.request\_type\_code = 1602 AND (DATE(roda.activity\_ts) >= ? AND DATE(roda.activity\_ts) <= ? )"

# 5.Reports/ Rx Reports/ Wait For Drug Report

Request:



Response:

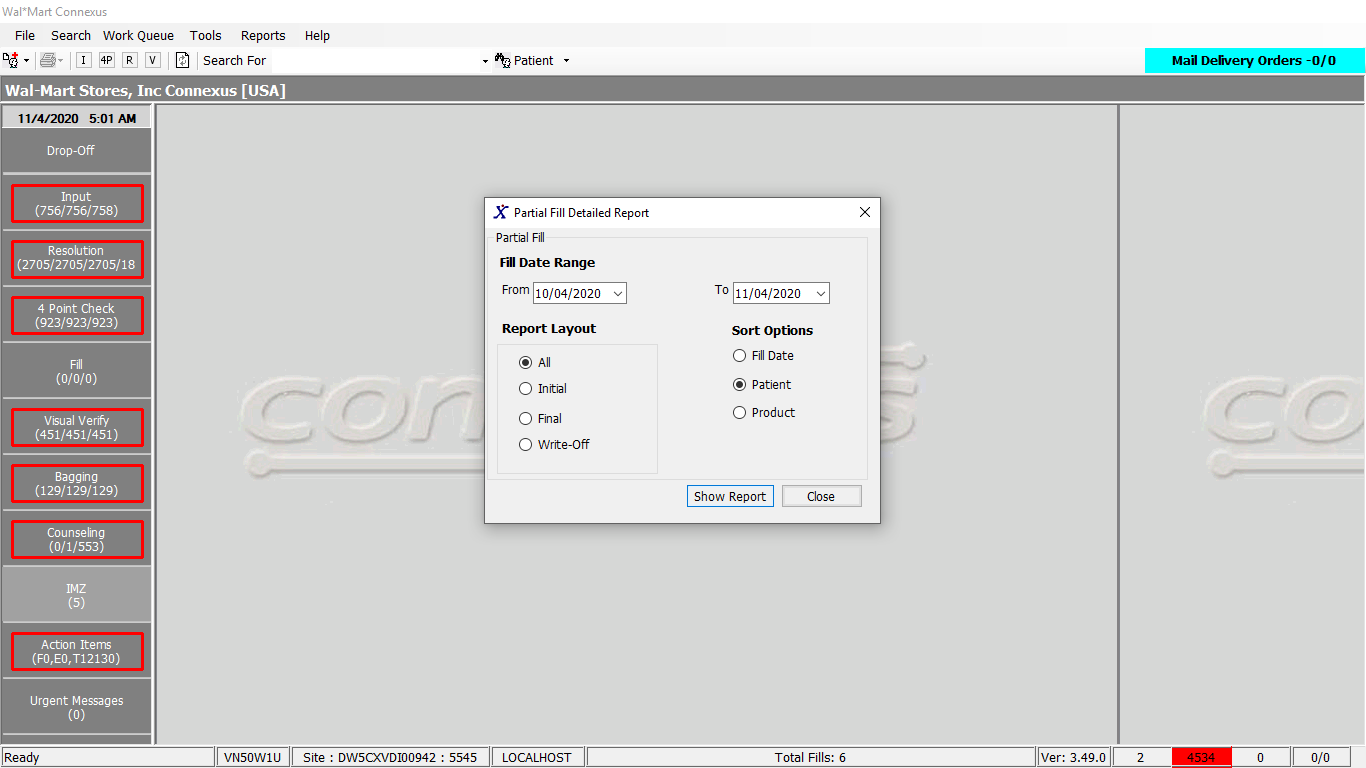


DAL:

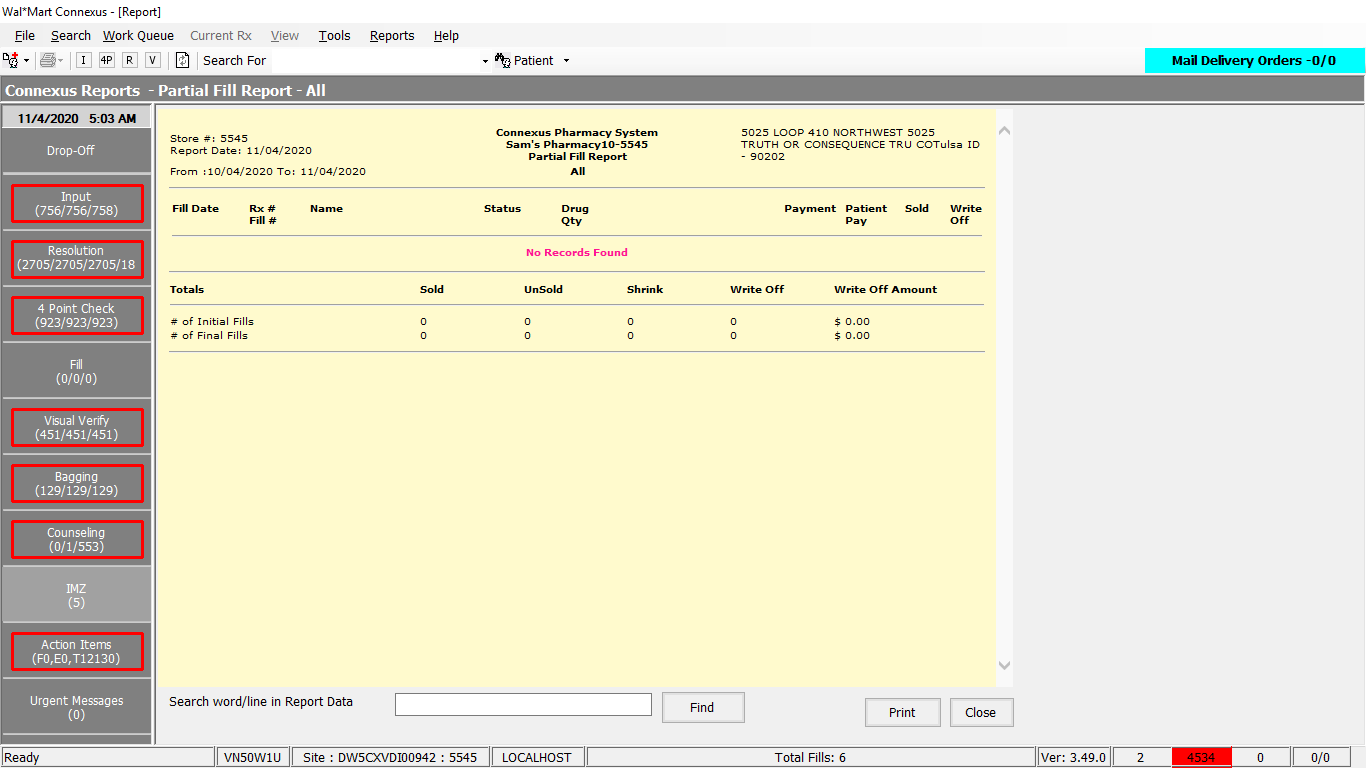
Friend Const WaitForDrugOrderQuery As String = "SELECT pi.mds\_fam\_id, rxf.fill\_date, trim(nvl(pt.last\_name,'')) || ',' || trim(nvl(pt.first\_name,'')) || ' ' || trim(nvl(pt.middle\_name,'')) Name," &

# 6.Reports/ Rx Reports/ Partial Fill Report

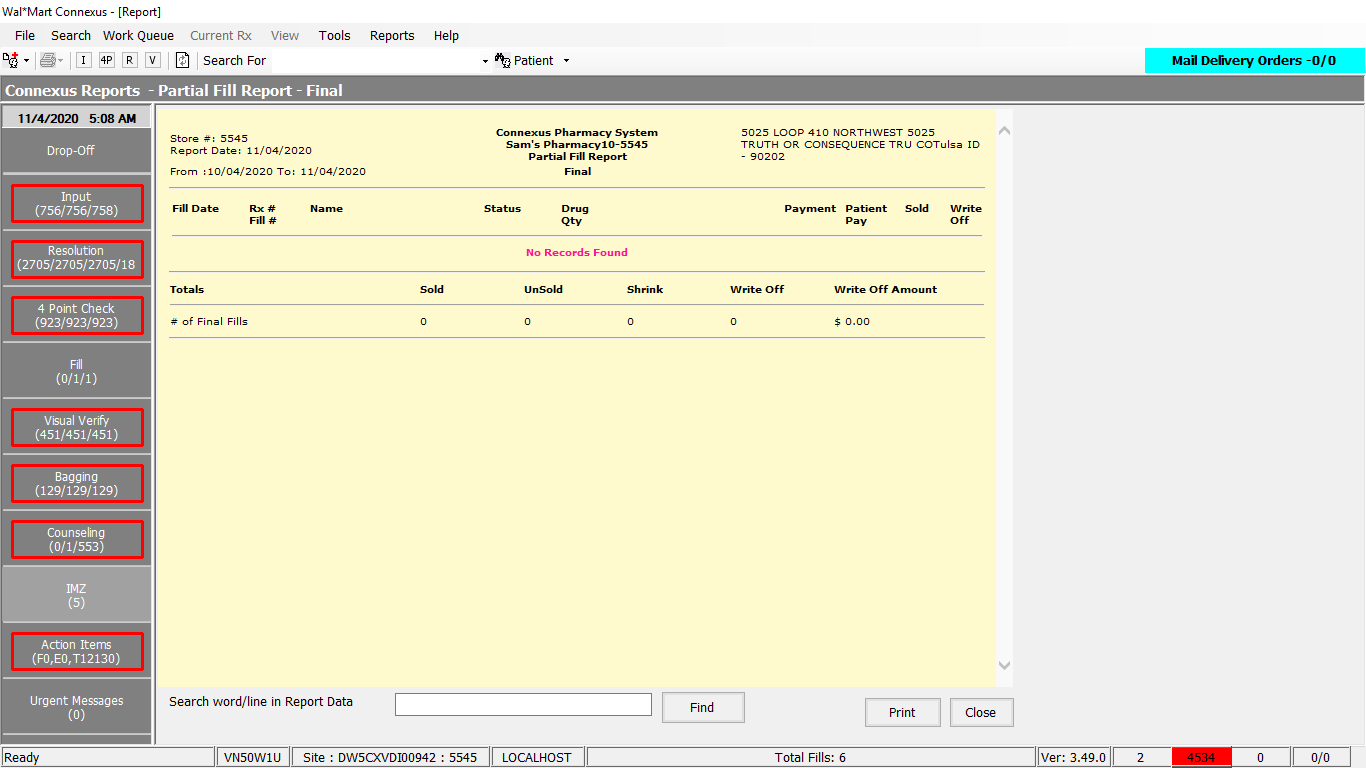
Request:

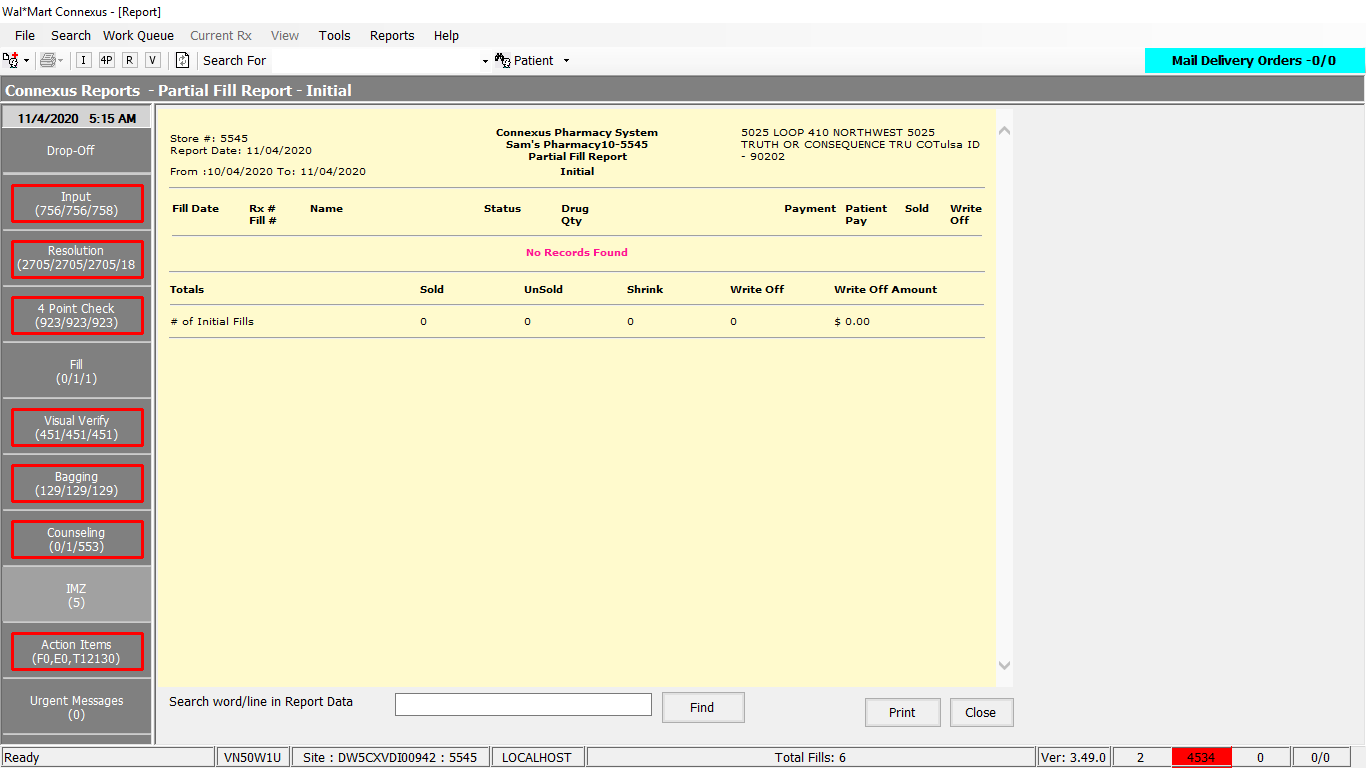


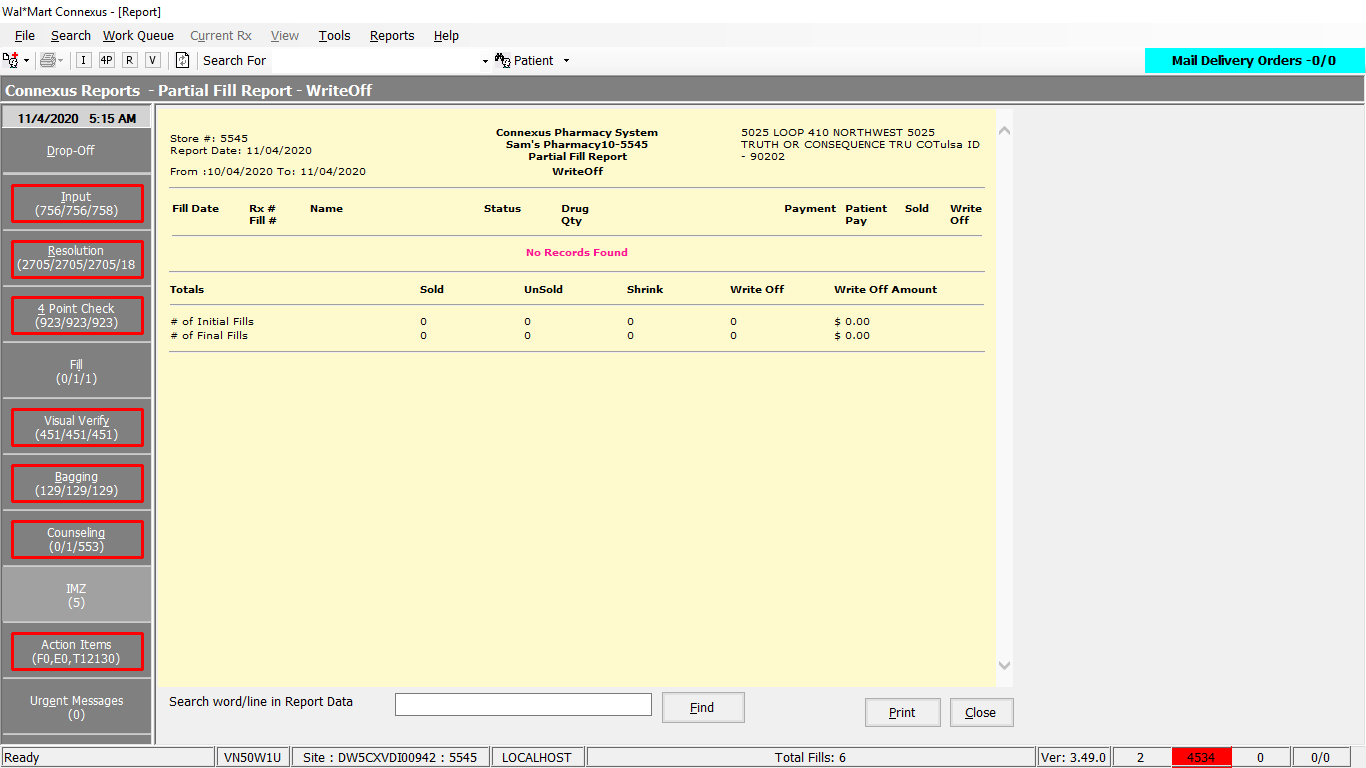
Response:



DAL:







DAL:

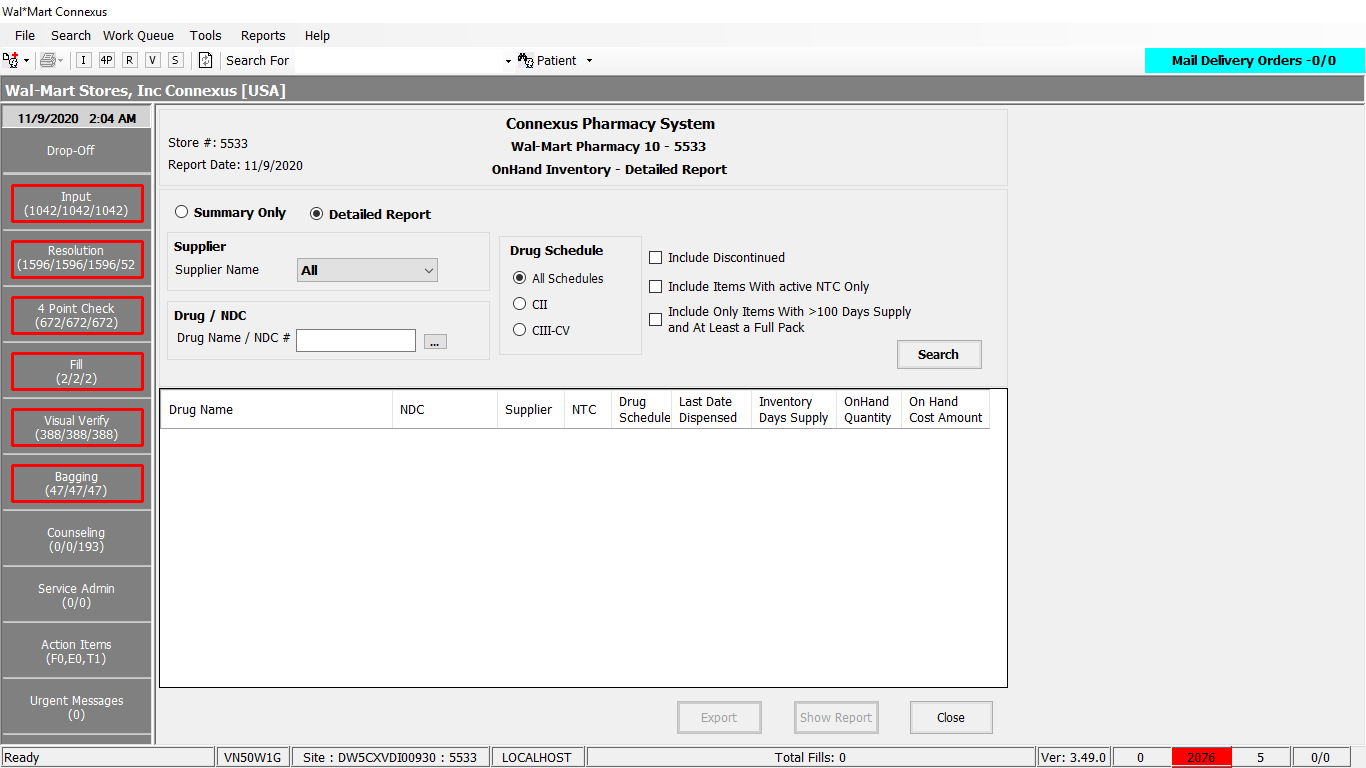
GetPartialFillReportSelectPart1 As String = "SELECT rx\_nbr,rxf.fill\_date,rxf.rx\_fill\_id, TRIM(NVL(pat.last\_name,'')) || ',' || TRIM(NVL(pat.first\_name,'')) || ' ' || TRIM(NVL(pat.middle\_name,'')) Name, rxf.fill\_type\_code,rxf.fill\_qty, CASE WHEN rx.compound\_ind = 'N' THEN TRIM(pp.short\_name) WHEN rx.compound\_ind = 'Y' THEN TRIM(co.compound\_name) END drug\_name, (SELECT phm\_co\_name\_abbr FROM phm\_company WHERE phm\_co\_id = (SELECT aff\_party\_id FROM rx\_sale\_detail rsd WHERE rsd.rx\_fill\_id = rxf.rx\_fill\_id AND rsd.txn\_type\_code = 21400 AND rsd.status\_code IN (21011,21002,21005,21010))) TP, rxf.patient\_due\_amt,rx.rx\_check\_userid,rxf.rph\_of\_rec\_userid,rxf.pos\_ts,rxf.third\_party\_ind,rxf.status\_code, CASE WHEN rxf.fill\_type\_code = 7002 THEN (SELECT rxf1.status\_code FROM partial\_fill pf,rx\_fill rxf1 WHERE pf.init\_partl\_fill\_id = rxf.rx\_fill\_id AND pf.init\_partl\_fill\_id = rxf1.rx\_fill\_id AND rxf1.rx\_fill\_id = rxf.rx\_fill\_id) WHEN rxf.fill\_type\_code = 7003 THEN (SELECT rxf1.status\_code FROM partial\_fill pf,rx\_fill rxf1 WHERE pf.fnl\_partl\_fill\_id = rxf.rx\_fill\_id AND pf.fnl\_partl\_fill\_id = rxf1.rx\_fill\_id AND rxf1.rx\_fill\_id = rxf.rx\_fill\_id) END part\_status\_code,rxf.pos\_sale\_amt,rxf.rx\_id,rxf.rx\_fill\_seq\_nbr FROM rx, OUTER (rx\_compound rxc, compound co), patient pat, rx\_fill rxf, rx\_fill\_item rfi, pharmacy\_offering:pharmacy\_item pi, pharmacy\_offering:pharmacy\_product pp WHERE rxf.rx\_id = rx.rx\_id AND rxf.rx\_version\_seq\_nbr = rx.rx\_version\_seq\_nbr AND rx.patient\_id = pat.patient\_id AND rfi.rx\_fill\_id = rxf.rx\_fill\_id AND ("

Friend Const GetPartialFillReportSelectPart2 As String = " AND rxf.fill\_date >= ? AND rxf.fill\_date <= ? AND rxc.rx\_id = rx.rx\_id AND co.compound\_id = rxc.compound\_id AND pi.product\_mds\_fam\_id = pp.product\_mds\_fam\_id AND rfi.item\_mds\_fam\_id = pi.mds\_fam\_id AND rfi.item\_seq\_nbr = (SELECT NVL(MIN(rfi2.item\_seq\_nbr),1) FROM rx\_fill\_item rfi2 WHERE rfi2.rx\_fill\_id = rfi.rx\_fill\_id) AND rxf.emergency\_fill\_ind = 'N' GROUP BY 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18 "

# 7.Reports/ Rx Reports/Current on-hold Inventory method

The landing pages of the report is as shown:

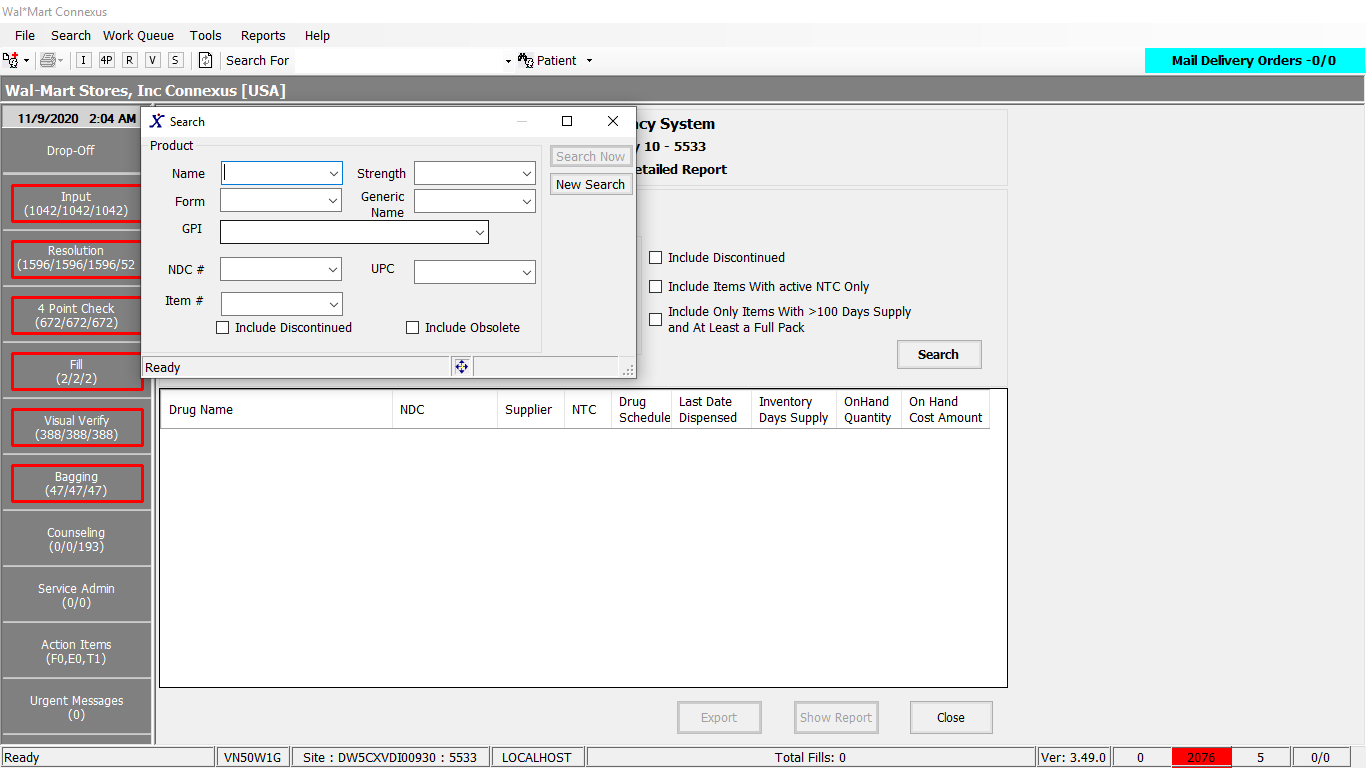
Detailed Report:

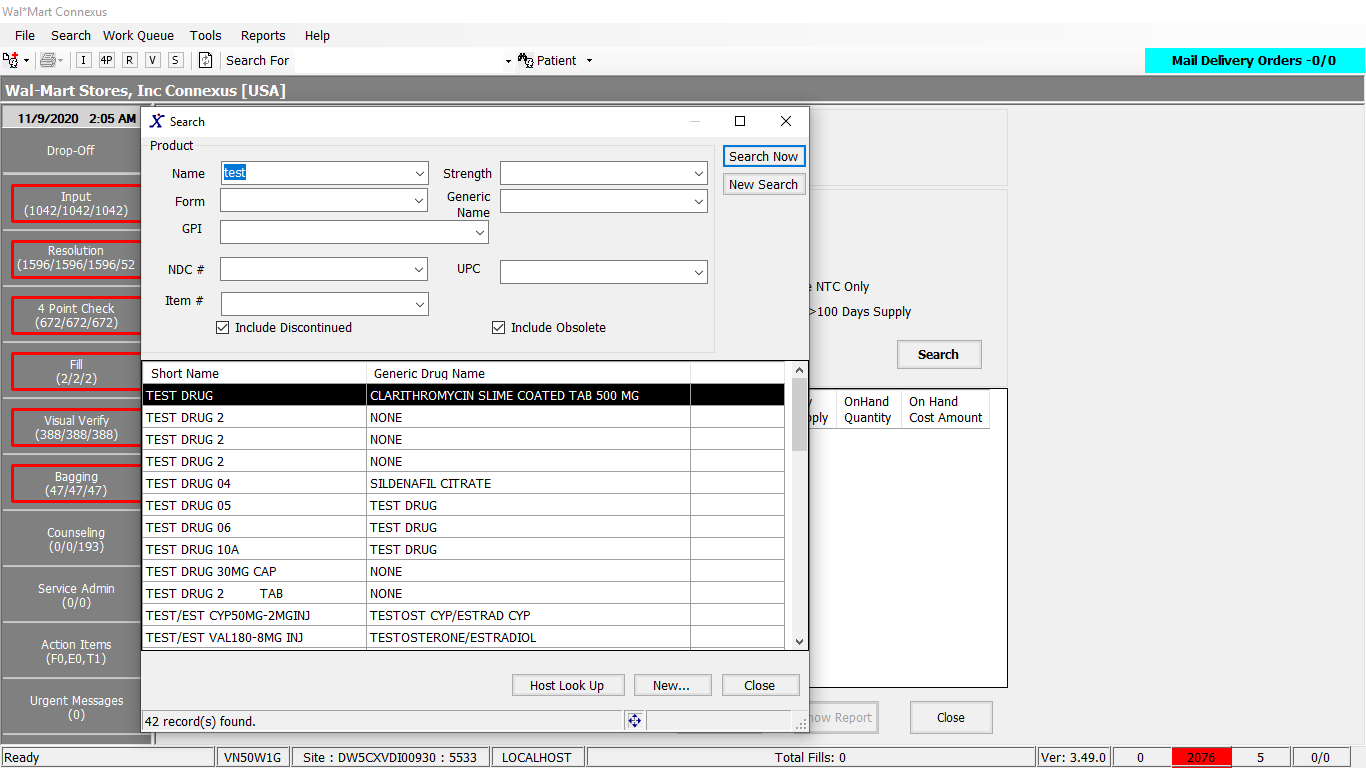


Summary Report: (“Summary Only” Check box)



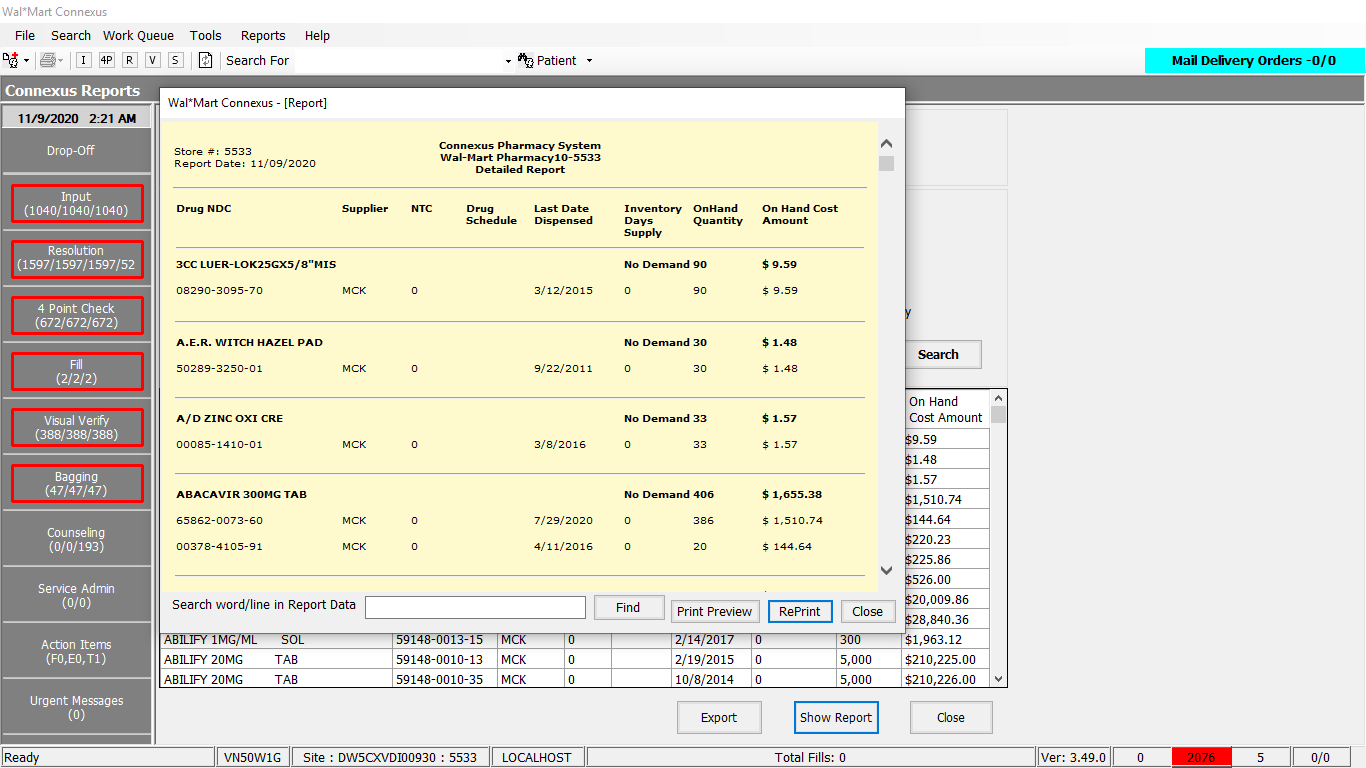
Child View for “Drug/NDC” :



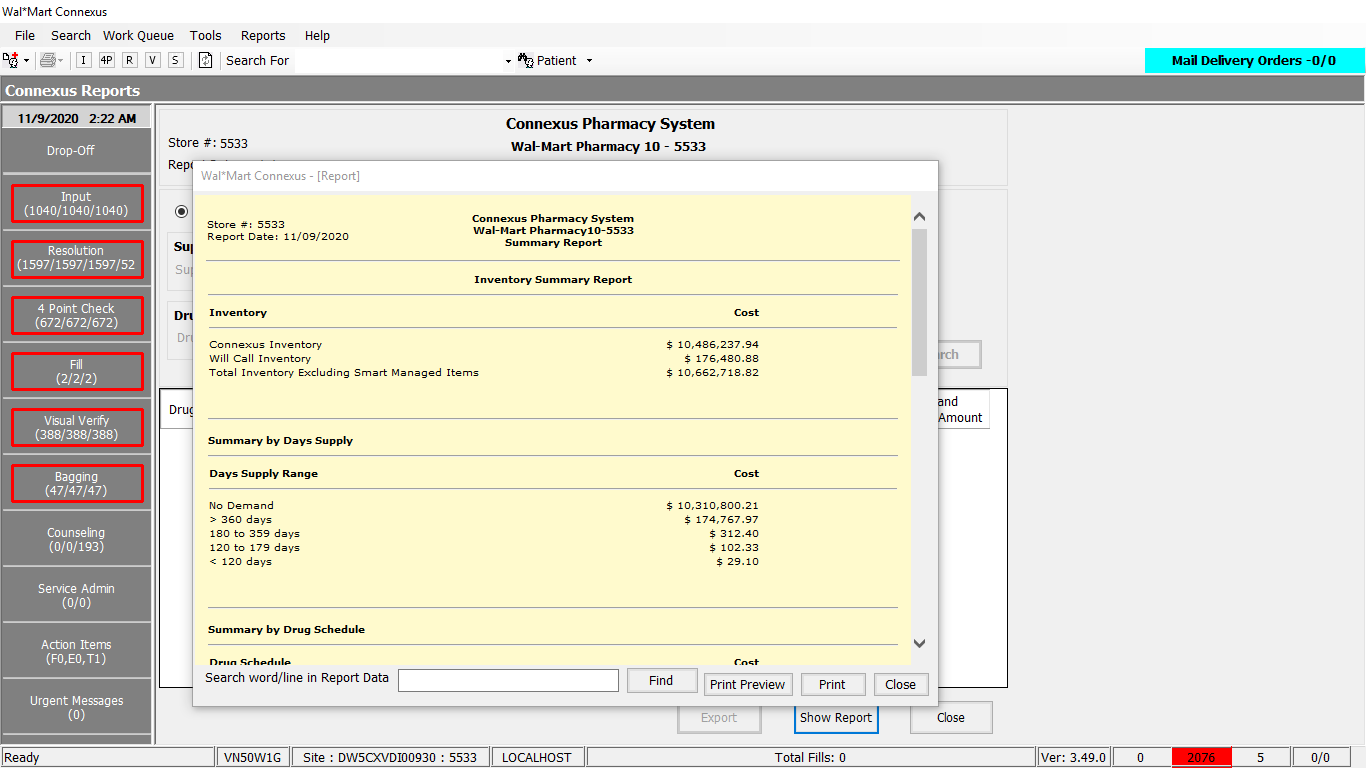


Responses: (also PDF’s have attached in the mail)

Detailed:



Summary:



DAL Queries:

1.Friend Const GetOnHandKioskInventoryReportData As String = "SELECT pp.short\_name, temp\_pc.phm\_co\_name\_abbr ,pp.drug\_control\_code,pi.mds\_fam\_id ,pic.phm\_item\_cost\_amt " &

                                                                   "FROM Pharmacy\_offering:pharmacy\_item pi " &

                                                                    "Join pharmacy\_offering:pharmacy\_product pp " &

                                                                      "ON pp.product\_mds\_fam\_id = pi.product\_mds\_fam\_id " &

                                                                    "JOIN pharmacy\_offering:phm\_item\_cost pic " &

                                                                      "ON pic.mds\_fam\_id = pi.mds\_fam\_id " &

                                                                         "AND pic.cost\_type\_code = ? " &

                                                                         "AND pic.effective\_date = (SELECT MAX(pic2.effective\_date) " &

                                                                                                 "FROM pharmacy\_offering:phm\_item\_cost pic2 " &

                                                                                                 "WHERE pi.mds\_fam\_id = pic2.mds\_fam\_id " &

                                                                                                 "AND pic2.cost\_type\_code = ?) " &

                                                                   "LEFT OUTER JOIN (Select pc.phm\_co\_name\_abbr ,pir.mds\_fam\_id, pir.phm\_co\_id  " &

                                                                                          "From pharmacy\_offering:phm\_item\_repl pir " &

                                                                                          "JOIN rx21c:phm\_company pc On  ( pir.phm\_co\_id = pc.phm\_co\_id And pc.phm\_co\_type\_cd = ? ) " &

                                                                                          "WHERE pri\_supplier\_ind = 'Y') temp\_pc  " &

                                                                      "On pi.mds\_fam\_id = temp\_pc.mds\_fam\_id " &

                                                                   "WHERE pi.status\_code = ? AND pic.mds\_fam\_id IN ({0}) order by pp.short\_name "

2.     Friend Const GetOnHandSummaryReportData As String = "SELECT pp.drug\_control\_code,  SUM(pi.on\_hand\_qty \* pic1.phm\_item\_cost\_amt) on\_hand\_retail\_amount  " &

                "FROM pharmacy\_offering:pharmacy\_item pi, " &

                "pharmacy\_offering:pharmacy\_product pp, " &

                "pharmacy\_offering:phm\_item\_cost pic1 " &

                "WHERE pic1.cost\_type\_code = 3001 " &

                "AND pi.product\_mds\_fam\_id = pp.product\_mds\_fam\_id " &

                "AND pi.mds\_fam\_id = pic1.mds\_fam\_id " &

                "AND pic1.effective\_date = ( SELECT MAX(pic2.effective\_date) " &

                "FROM pharmacy\_offering:phm\_item\_cost pic2 " &

                " WHERE pic2.cost\_type\_code = 3001 " &

                " AND pic2.mds\_fam\_id = pi.mds\_fam\_id) " &

                "AND pi.status\_code in(20909,20910) " &

                "GROUP BY 1 ORDER BY 1 "

3.  Public Const WilCalValueInfo As String = "SELECT sum(rxf.fill\_item\_qty\*pic.phm\_item\_cost\_amt) as InvValue " &

                                                    " FROM rx21c:pharmacy\_bu pb, rx21c:rx\_fill rf " &

                                                    " JOIN rx21c:rx\_fill\_item rxf ON rf.rx\_fill\_id = rxf.rx\_fill\_id " &

                                                    " JOIN rx21c:rx\_order\_detail rod ON rf.rx\_fill\_id =rod.rx\_fill\_id " &

                                                    " JOIN pharmacy\_offering:phm\_item\_cost pic  ON ( pic.mds\_fam\_id = rxf.item\_mds\_fam\_id " &

                                                    " AND pic.cost\_type\_code = 3001  AND pic.effective\_date = (SELECT MAX(effective\_date) " &

                                                    " FROM pharmacy\_offering:phm\_item\_cost pic2 " &

                                                    " WHERE pic2.mds\_fam\_id=rxf.item\_mds\_fam\_id  AND pic2.cost\_type\_code = 3001 ))   " &

                                                    " WHERE rf.tech\_of\_rec\_userid is not null " &

                                                    " AND rf.status\_code = 20401 " &

                                                    " AND rod.status\_code = 20501 " &

                                                    " AND rod.need\_pickup\_ind = 'Y' "

4. Public Const InvValueInfo As String = "SELECT SUM(pi.on\_hand\_qty\*pic.phm\_item\_cost\_amt) as InvValue " &

            " FROM pharmacy\_offering:pharmacy\_item pi " &

            " JOIN pharmacy\_offering:phm\_item\_cost pic  ON ( pi.mds\_fam\_id = pic.mds\_fam\_id  " &

            " AND pic.cost\_type\_code = 3001  AND pic.effective\_date = (SELECT MAX(effective\_date) " &

            " FROM pharmacy\_offering:phm\_item\_cost pic2  " &

            " WHERE pi.mds\_fam\_id = pic2.mds\_fam\_id   AND pic2.cost\_type\_code = 3001 ))  "

5. Public Const top5DrugsByCostInventoryData As String = " SELECT first 5 pi.ndc\_nbr ndc, pp.short\_name, " &

                                                                " (pic.phm\_item\_cost\_amt \* pi.on\_hand\_qty) item\_on\_hand\_cost " &

                                                                " FROM pharmacy\_offering:pharmacy\_item pi, " &

                                                                " pharmacy\_offering:pharmacy\_product pp, " &

                                                                " pharmacy\_offering:phm\_item\_cost pic " &

                                                                " WHERE pi.product\_mds\_fam\_id=pp.product\_mds\_fam\_id " &

                                                                " and pi.mds\_fam\_id = pic.mds\_fam\_id " &

                                                                " and pi.on\_hand\_qty > 0 " &

                                                                " AND pic.cost\_type\_code = 3001 " &

                                                                " AND pic.effective\_date = (SELECT MAX(effective\_date) " &

                                                                " FROM pharmacy\_offering:phm\_item\_cost pic2 " &

                                                                " WHERE pi.mds\_fam\_id = pic2.mds\_fam\_id " &

                                                                " AND pic2.cost\_type\_code = 3001 ) " &

                                                                " ORDER BY item\_on\_hand\_cost DESC "

6.  Public Const LocationDataForInventorySummaryReport As String = " SELECT " &

                                                                   "  SUM (pic.phm\_item\_cost\_amt \* pi.on\_hand\_qty) item\_on\_hand\_cost, " &

                                                                    " NVL(pir.issued\_id\_nbr,     ''     ) AS location " &

                                                             " FROM " &

                                                                    " pharmacy\_offering:pharmacy\_item pi, " &

                                                                    " pharmacy\_offering:phm\_item\_cost pic, " &

                                                                    " OUTER(pharmacy\_offering:phm\_item\_ref pir) " &

                                                             " WHERE " &

                                                                    " pi.mds\_fam\_id = pic.mds\_fam\_id " &

                                                                    " AND pi.on\_hand\_qty > 0 " &

                                                                    " AND pic.cost\_type\_code = 3001 " &

                                                                    " AND pic.effective\_date =(SELECT MAX( effective\_date ) " &

                                                                           " FROM pharmacy\_offering:phm\_item\_cost pic2 " &

                                                                           " WHERE pi.mds\_fam\_id = pic2.mds\_fam\_id " &

                                                                                  " AND pic2.cost\_type\_code = 3001 ) " &

                                                                    " AND pir.mds\_fam\_id = pi.mds\_fam\_id GROUP BY location "

7.  Public Const onHandSummaryDaysSupplyReportData As String = " SELECT distinct pi.ndc\_nbr, " &

                                                                    " pp.short\_name, " &

                                                                    " ((pi.on\_hand\_qty /(sum(rfi.fill\_item\_qty)/120))::INT) item\_days\_supply , " &

                                                                    " pi.on\_hand\_qty, " &

                                                                    " (pic.phm\_item\_cost\_amt \* pi.on\_hand\_qty) item\_on\_hand\_cost " &

                                                                    " from " &

                                                                    " pharmacy\_offering:pharmacy\_item pi, " &

                                                                    " pharmacy\_offering:pharmacy\_product pp, " &

                                                                    " pharmacy\_offering:phm\_item\_cost pic, " &

                                                                    " OUTER (rx21c:rx\_fill rf, " &

                                                                    " rx21c:rx\_fill\_item rfi) " &

                                                                    " where rf.rx\_fill\_id = rfi.rx\_fill\_id " &

                                                                    " and rfi.item\_mds\_fam\_id = pi.mds\_fam\_id " &

                                                                    " and pi.product\_mds\_fam\_id = pp.product\_mds\_fam\_id " &

                                                                    " and pi.mds\_fam\_id = pic.mds\_fam\_id " &

                                                                    " and rf.status\_code = 20401 " &

                                                                    " and date(rf.pos\_ts) > today - 120 " &

                                                                    " and pic.cost\_type\_code = 3001 " &

                                                                    " AND pi.on\_hand\_qty > 0 " &

                                                                    " and pic.effective\_date in (SELECT MAX(effective\_date) " &

                                                                    " FROM pharmacy\_offering:phm\_item\_cost pic2 " &

                                                                    " WHERE pi.mds\_fam\_id = pic2.mds\_fam\_id " &

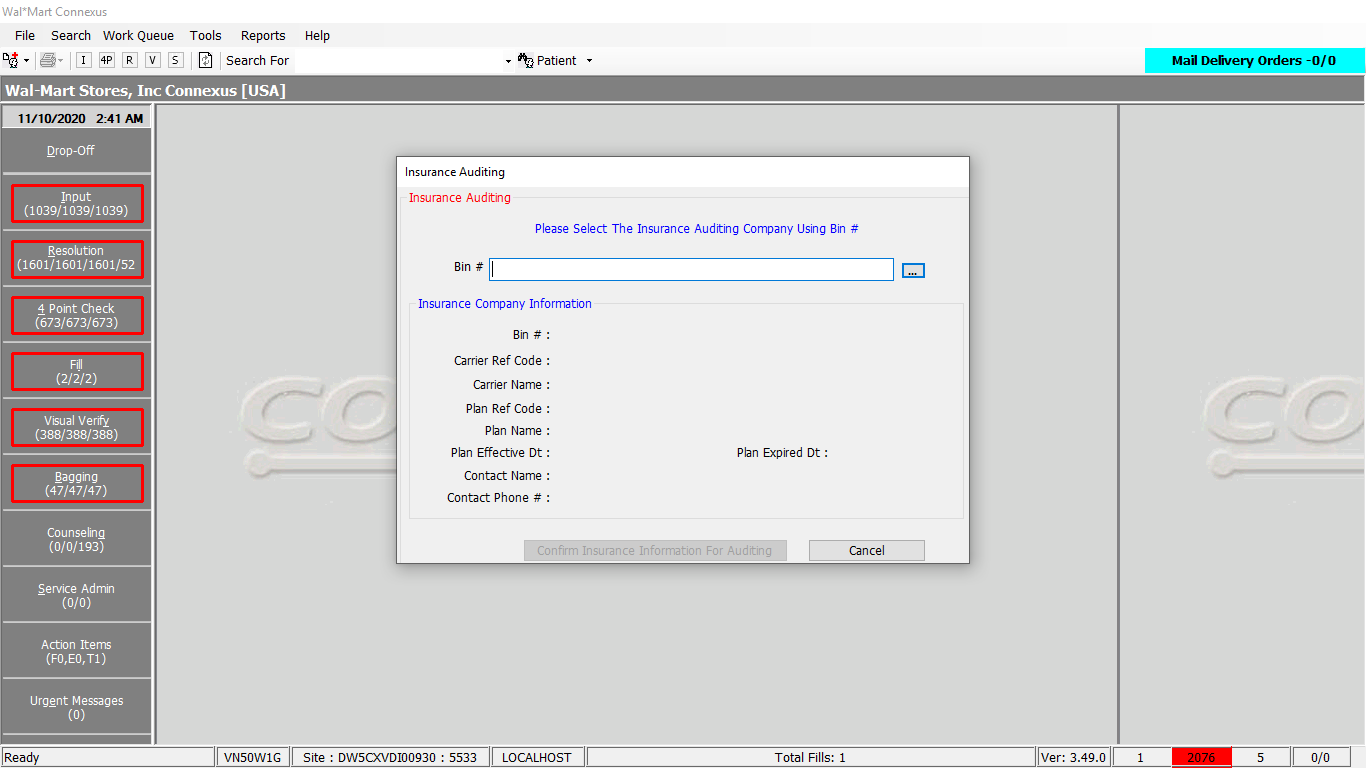
                                                                    " AND pic2.cost\_type\_code = 3001 ) " &

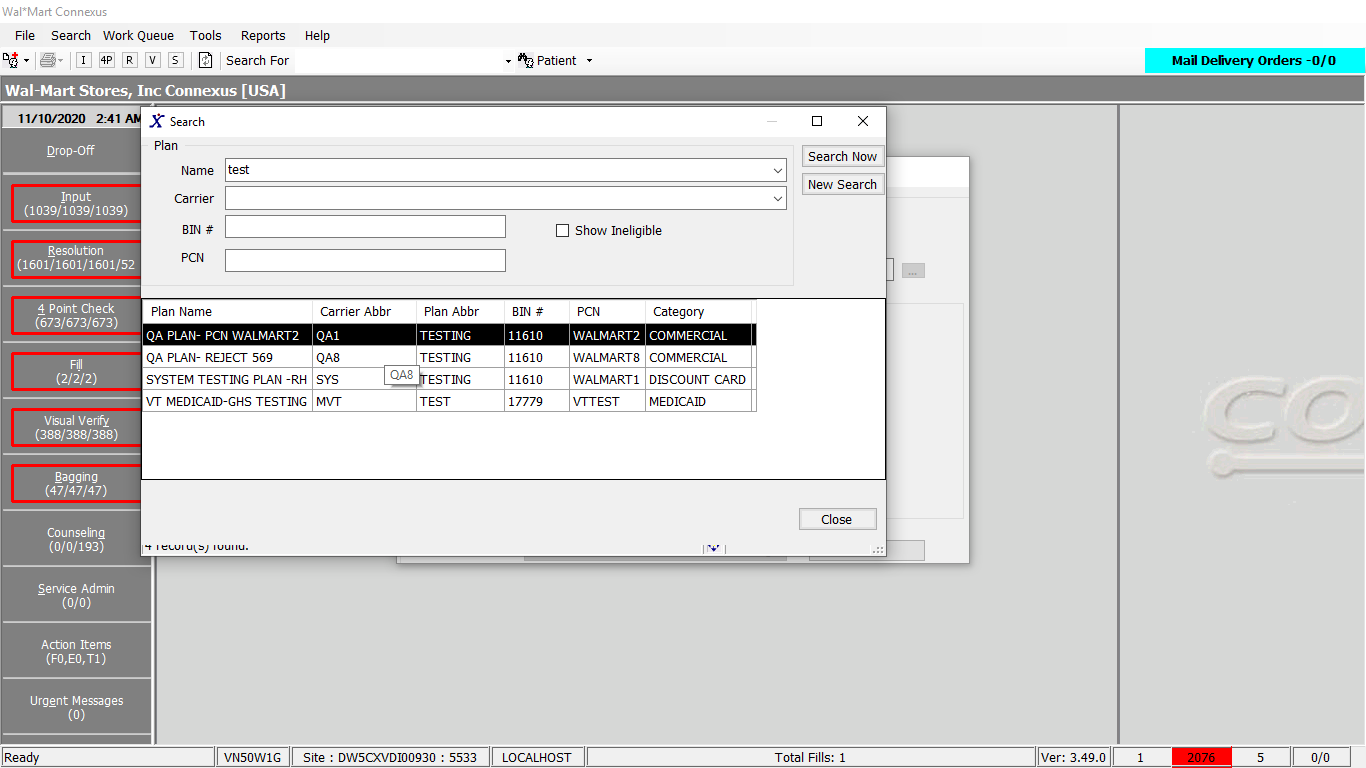
                                                                    " group by 1,2,4,5 " &

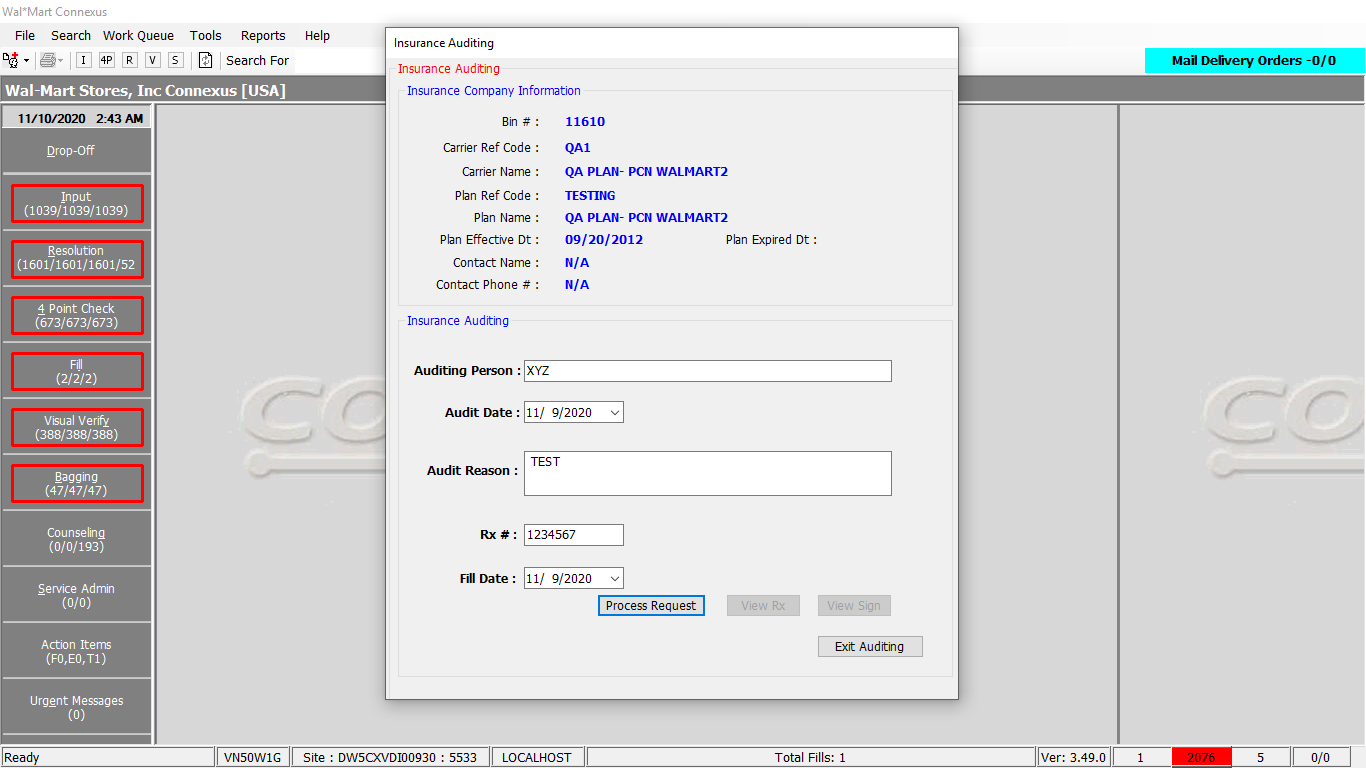
                                                                    " order by item\_days\_supply DESC "

# 8. Reports Menu/HIPAA/Insurance Auditing

Request:







**Query:**

Friend Const GetHIPAAInsuranceInfoCall As String = "{Call hipaaInsuranceInfo(?,?,?)}"

**Procedure:**

**create** **procedure** hipaainsuranceinfo(rxnbr **integer**,

ibinnbr **integer**,dtrxfilldate **date**,

idebug **smallint** **default** 0)

**RETURNING** **integer**,**integer**, **integer**,**DATE**,**char**(1),**char**(30),**char**(40),**integer**,**integer**,**date**,**decimal**(9,4),**decimal**(9,4),**smallint**,**smallint**,

**datetime** **year** **to** **second**,**integer**,**decimal**(9,2),**decimal**(9,2),

**char**(30),**char**(13),**decimal**(9,4),**varchar**(90),

**date**,**char**(1),**char**(35),**char**(35),**char**(30),**char**(25),**char**(2),

**char**(10),**varchar**(90),**char**(35),**char**(35),**char**(30),**char**(30),**char**(25),

**char**(2),**char**(10),**varchar**(30),**smallint**,**integer**,**integer**,**decimal**(7,2),

**char**(20),**smallint**,**smallint**,**decimal**(9,2);

**define** irxnbr **integer**;

**define** irxid **integer**;

**define** ipresID **integer**;

**define** dtrx\_written\_date **DATE**;

**define** ccompound\_ind **char**(1);

**define** cpres\_prod\_name **char**(30);

**define** ccompound\_name **char**(40);

**define** irx\_input\_id **integer**;

**define** irx\_fill\_id **integer**;

**define** dtrx\_fill\_date **date**;

**define** dcpresc\_qty **decimal**(9,4);

**define** dcdispensed\_qty **decimal**(9,4);

**define** sdays\_supply **smallint**;

**define** sdaw\_code **smallint**;

**define** dtpos\_ts **datetime** **year** **to** **second**;

**define** iphm\_signature\_id **integer**;

**define** dcpos\_sale\_amt **decimal**(9,2);

**define** dcpos\_due\_amt **decimal**(9,2);

**define** cdisp\_prod\_name **char**(30);

**define** cndc\_nbr **char**(13);

**define** dcpack\_size **decimal**(9,4);

**define** cpatient\_name **varchar**(90);

**define** dtpat\_birth\_date **date**;

**define** cpat\_gender\_code **char**(1);

**define** cpat\_addr1 **char**(35);

**define** cpat\_addr2 **char**(35);

definecpat\_home\_phone **char**(30);

**define** cpat\_city\_name **char**(25);

**define** cpat\_state **char**(2);

**define** cpat\_zip\_code **char**(10);

**define** cpresc\_name **varchar**(90);

**define** cpresc\_addr1 **char**(35);

**define** cpresc\_addr2 **char**(35);

**define** cpresc\_home\_phone **char**(30);

definecpresc\_work\_phone **char**(30);

**define** cpresc\_city\_name **char**(25);

**define** cpresc\_state **char**(2);

**define** cpresc\_zip\_code **char**(10);

**define** cpresc\_lic\_nbr **varchar**(30);

**define** srefill\_auth\_code **smallint**;

**define** icarrier\_id **integer**;

**define** iplan\_id **integer**;

**define** ccardholder\_id **char**(20);

**define** dctxn\_amt **decimal**(7,2);

**define** stp\_status\_code **smallint**;

**define** crefills\_remain **char**(6);

**define** srefill\_auth\_nbr **smallint**;

**define** dcpat\_due\_amt **decimal**(9,2);

**define** CONST\_TP **smallint**;

**define** CONST\_PAT\_SUBJ\_CODE **smallint**;

**define** CONST\_PRESC\_SUBJ\_CODE **smallint**;

**define** CONST\_PAT\_ADDR\_TYPE\_CODE **smallint**;

**define** CONST\_COMM\_METHOD **smallint**;

**define** CONST\_HOME\_SEQ\_NBR **smallint**;

**define** CONST\_WORK\_SEQ\_NBR **smallint**;

**define** CONST\_PRES\_AGENCY\_CODE **smallint**;

**define** CONST\_PRES\_LICENSE\_CODE **smallint**;

**define** CONST\_STATUS\_CLAIMSUB **integer**;

**define** CONST\_STATUS\_NOCHARGE **integer**;

-- For Canada

**define** CONST\_COUNTRY\_US **varchar**(2);

**define** CONST\_COUNTRY\_CA **varchar**(2);

**define** cCountryCode **varchar**(3);

**define** CONST\_CA\_PRES\_LICENSE\_CODE **smallint**;

-- SCCSID: @(#) %name: % stored\_procedure scid=%version: % %date\_modified: % %derived\_by: %

**IF** idebug = 1 **THEN**

**SET** **DEBUG** **FILE** **TO** '/tmp/hipaainsuranceinfo.trace';

**TRACE** **ON**;

**END** **IF**

-- assigning values to variables and constants

**let** CONST\_TP = 1201;

**let** CONST\_PAT\_SUBJ\_CODE = 300;

**let** CONST\_PRESC\_SUBJ\_CODE = 303;

**let** CONST\_PAT\_ADDR\_TYPE\_CODE = 3;

**let** CONST\_COMM\_METHOD = 2;

**let** CONST\_HOME\_SEQ\_NBR = 1;

**let** CONST\_WORK\_SEQ\_NBR = 2;

**let** CONST\_PRES\_AGENCY\_CODE = 100;

**let** CONST\_PRES\_LICENSE\_CODE = 800;

**let** CONST\_STATUS\_CLAIMSUB = 21005;

**let** CONST\_STATUS\_NOCHARGE = 21011;

**LET** CONST\_CA\_PRES\_LICENSE\_CODE = 31101;

**let** CONST\_COUNTRY\_CA = "CA";

**let** CONST\_COUNTRY\_US = "US" ;

**Execute** **procedure** rx21c:fngetcountrycode() **into** cCountryCode ;

**If** cCountryCode = CONST\_COUNTRY\_CA **then**

**LET** CONST\_PRES\_LICENSE\_CODE = CONST\_CA\_PRES\_LICENSE\_CODE ;

**end** **if**

**FOREACH**

**select** rx.rx\_nbr,rx.rx\_id, rx.prescriber\_id, rx.rx\_written\_date,rx.compound\_ind,

**case** **when** rx.compound\_ind = 'N' thenpp1.short\_name

**end** presProdName,

**case** **when** rx.compound\_ind = 'Y' **then**

co.compound\_name

**end** CompoundName ,

-- rx and fill information

rxi.input\_id,rf.rx\_fill\_id ,rf.fill\_date, rx.fill\_qty ,

rf.fill\_qty , rf.fill\_days\_sply\_qty,rf.daw\_code,rf.pos\_ts,

rf.phm\_signature\_id,rf.pos\_sale\_amt,rf.pos\_due\_amt,

-- Dispensed Product Information

pp.short\_name DispProdName, pi.ndc\_nbr,

pi.inner\_pack\_qty Packsize,

-- Patient Information

**trim**(nvl(pat.last\_name,'')) || ',' || **trim**(nvl(pat.first\_name,'')) || ' ' || **trim**(nvl(pat.middle\_name,'')) Patientname,

pat.birth\_date,pat.gender\_code,sa.address\_line\_1,sa.address\_line\_2,

sc.communication\_id HomePhone,sa.city\_name, sa.state\_prov\_code, sa.postal\_code,

-- Prescriber Information

**trim**(nvl(pres.last\_name,'')) || ',' || **trim**(nvl(pres.first\_name,'')) || ' ' ||

**trim**(nvl(pres.middle\_name,'')) PrescriberName,

sad.address\_line\_1,sad.address\_line\_2,scd.communication\_id PrescHomePhone,

scd1.communication\_id PrescWorkPhone,sad.city\_name,sad.state\_prov\_code,sad.postal\_code,pl.license\_nbr,

-- TP Information

rx.refill\_auth\_code,rsd.aff\_party\_id, rsd.ins\_carr\_plan\_id,rsd.txn\_amt,

rsd.aff\_prty\_ref\_id, rsd.status\_code,

rx.refills\_auth\_nbr,

rf.patient\_due\_amt

**INTO**

irxnbr,irxid, ipresID,dtrx\_written\_date,ccompound\_ind,cpres\_prod\_name,ccompound\_name,

irx\_input\_id,irx\_fill\_id,dtrx\_fill\_date,dcpresc\_qty,dcdispensed\_qty,sdays\_supply,

sdaw\_code,dtpos\_ts,iphm\_signature\_id,dcpos\_sale\_amt,dcpos\_due\_amt,cdisp\_prod\_name, cndc\_nbr,dcpack\_size,cpatient\_name, dtpat\_birth\_date,cpat\_gender\_code,cpat\_addr1, cpat\_addr2,cpat\_home\_phone,cpat\_city\_name,cpat\_state,cpat\_zip\_code,cpresc\_name,

cpresc\_addr1,cpresc\_addr2,cpresc\_home\_phone,cpresc\_work\_phone,cpresc\_city\_name,

cpresc\_state,cpresc\_zip\_code,cpresc\_lic\_nbr,srefill\_auth\_code,icarrier\_id, iplan\_id,dctxn\_amt,ccardholder\_id,stp\_status\_code,

srefill\_auth\_nbr,dcpat\_due\_amt

**FROM**

rx rx, rx\_input rxi, rx\_fill rf, rx\_fill\_item rfi, patient pat,

prescriber pres,

pharmacy\_offering:pharmacy\_productpp,

pharmacy\_offering:pharmacy\_item pi,

rx\_sale\_detail rsd, phm\_company phm,

phm\_carr\_processor phmcp,

**outer** phm\_signature ps,

**outer** subject\_address sa,**outer** subject\_comm sc,

**outer** subject\_address sad, **outer** subject\_comm scd,

**outer** subject\_comm scd1,

**outer** pharmacy\_offering:pharmacy\_product pp1,

**outer** (rx\_compound rxc , compound co),

**outer** prescriber\_license pl,

**outer** pharmacy\_code\_txt pct

**WHERE**

rx.patient\_id = pat.patient\_id **AND** pat.patient\_id=sa.subject\_id

**AND** pat.patient\_id=sc.subject\_id **AND** rx.prescriber\_id = pres.prescriber\_id

**AND** pres.prescriber\_id = sad.subject\_id **AND** pres.prescriber\_id = scd.subject\_id

**AND** Pres.prescriber\_id = scd1.subject\_id **AND** pres.prescriber\_id = pl.prescriber\_id

**AND** rx.input\_id = rxi.input\_id **AND** rx.rx\_id = rf.rx\_id

**AND** rf.rx\_fill\_id = rfi.rx\_fill\_id **AND** rfi.item\_mds\_fam\_id = pi.mds\_fam\_id

**AND** pi.product\_mds\_fam\_id =pp.product\_mds\_fam\_id

**AND** rx.product\_mds\_fam\_id = pp1.product\_mds\_fam\_id

**AND** rx.rx\_id = rxc.rx\_id **AND** rxc.compound\_id = co.compound\_id

**AND** rf.phm\_signature\_id = ps.phm\_signature\_id

**AND** rsd.rx\_fill\_id = rf.rx\_fill\_id **AND** rsd.aff\_party\_id=phm.phm\_co\_id

**AND** rx.refill\_auth\_code = pct.code\_id

**AND** rsd.aff\_prty\_type\_code=CONST\_TP

**AND** rx.rx\_nbr = rxnbrAND ( ( rsd.status\_code = CONST\_STATUS\_CLAIMSUB)

**or** ( rsd.status\_code = CONST\_STATUS\_NOCHARGE) )

**AND** sa.subject\_type\_code= CONST\_PAT\_SUBJ\_CODE

**AND** sc.subject\_type\_code = CONST\_PAT\_SUBJ\_CODE

**AND** sa.addr\_type\_code = CONST\_PAT\_ADDR\_TYPE\_CODE

**AND** sc.comm\_method\_code = CONST\_COMM\_METHOD

**AND** sc.comm\_seq\_nbr = CONST\_HOME\_SEQ\_NBR

**AND** sad.subject\_type\_code= CONST\_PRESC\_SUBJ\_CODE

**AND** scd.subject\_type\_code = CONST\_PRESC\_SUBJ\_CODE

**AND** scd.comm\_method\_code = CONST\_COMM\_METHODAND scd.comm\_seq\_nbr = CONST\_HOME\_SEQ\_NBR

**AND** scd1.subject\_type\_code = CONST\_PRESC\_SUBJ\_CODE

**AND** scd1.comm\_method\_code = CONST\_COMM\_METHOD

**AND** scd1.comm\_seq\_nbr = CONST\_WORK\_SEQ\_NBR

-- AND pl.issue\_agency\_code = CONST\_PRES\_AGENCY\_CODE

ANDpl.license\_type\_code = CONST\_PRES\_LICENSE\_CODE

**AND** rsd.aff\_party\_id = phmcp.carrier\_co\_id

**AND** rsd.ins\_carr\_plan\_id = phmcp.ins\_carr\_plan\_id

**AND** phmcp.bin\_nbr = ibinnbr

**AND** rf.fill\_date = dtrxfilldate

**RETURN** irxnbr,irxid,ipresID,dtrx\_written\_date,ccompound\_ind,cpres\_prod\_name,ccompound\_name,

irx\_input\_id,irx\_fill\_id,dtrx\_fill\_date,dcpresc\_qty,dcdispensed\_qty,sdays\_supply,

sdaw\_code,dtpos\_ts,iphm\_signature\_id,dcpos\_sale\_amt,dcpos\_due\_amt,cdisp\_prod\_name, cndc\_nbr,dcpack\_size,cpatient\_name, dtpat\_birth\_date,cpat\_gender\_code,cpat\_addr1, cpat\_addr2,cpat\_home\_phone,cpat\_city\_name,cpat\_state,cpat\_zip\_code,cpresc\_name,

cpresc\_addr1,cpresc\_addr2,cpresc\_home\_phone,cpresc\_work\_phone,cpresc\_city\_name,

cpresc\_state,cpresc\_zip\_code,cpresc\_lic\_nbr,srefill\_auth\_code,icarrier\_id, iplan\_id,dctxn\_amt,ccardholder\_id,stp\_status\_code,

srefill\_auth\_nbr,dcpat\_due\_amt

**WITH** **RESUME**;

**END** **FOREACH**;

**IF** iDebug = 1 **THEN**

**TRACE** **OFF**;

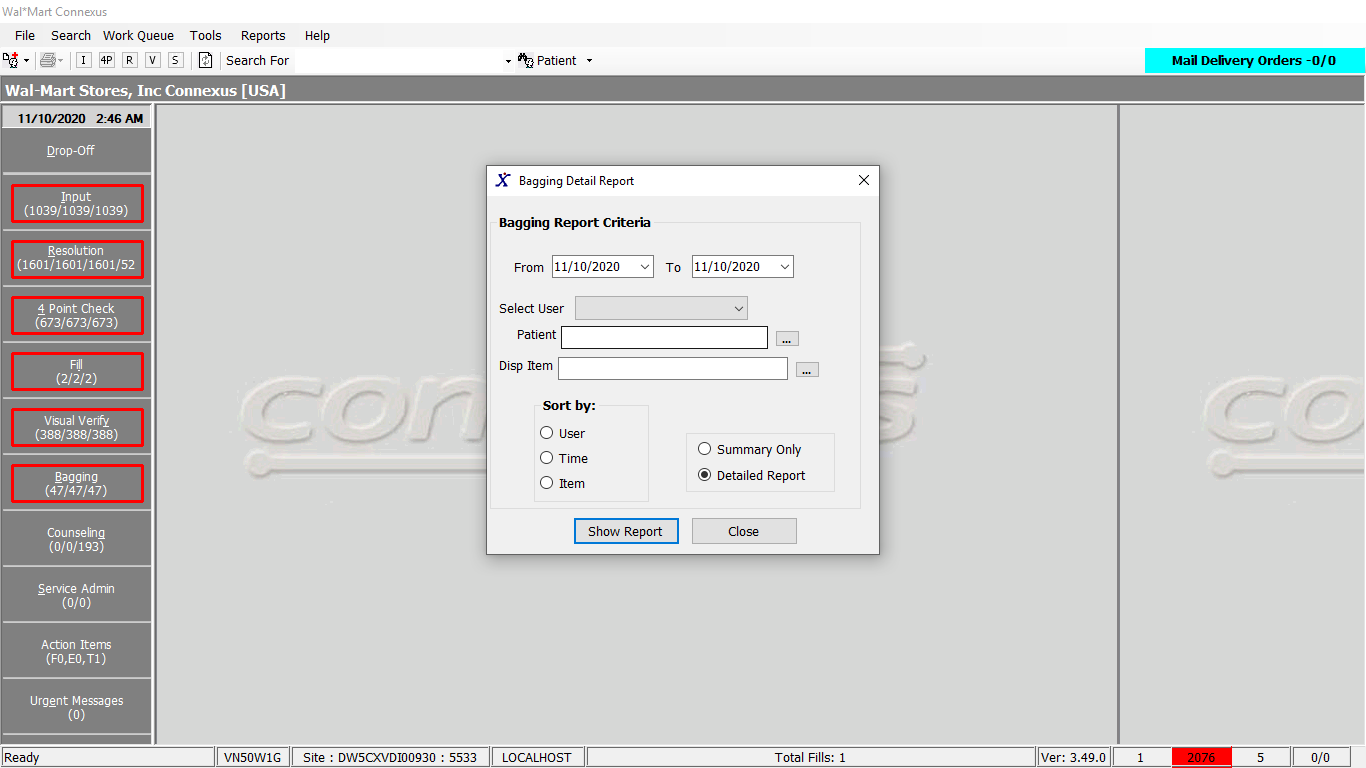
**END** **IF**

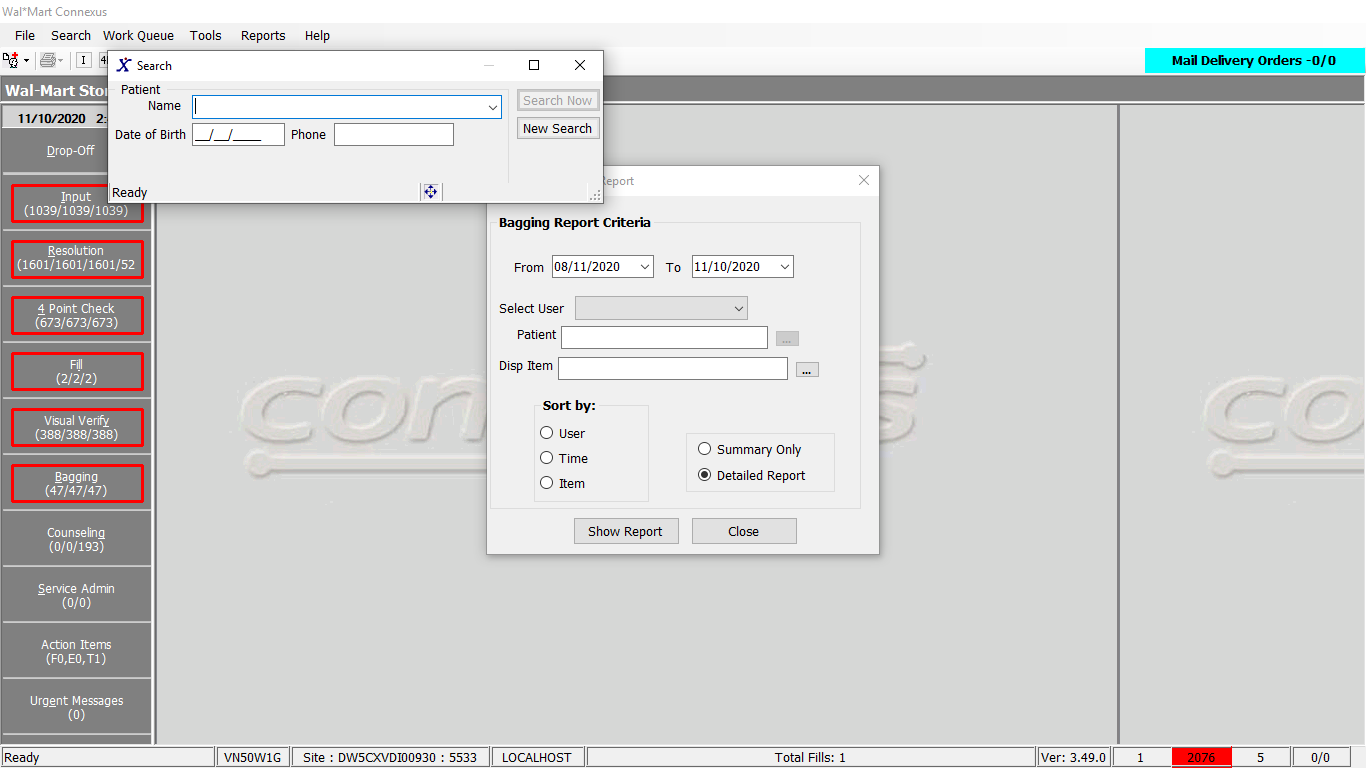
**END** **PROCEDURE**;

# 9.Reports Menu/Pickup/POS Reports/Bagging Detail Report:

Note: 🡪In any of the three filters (select user , patient , Disp Item) only one can be selected other two will blocked.

For Summary report Sort by will blocked(can not sort in summart report case)

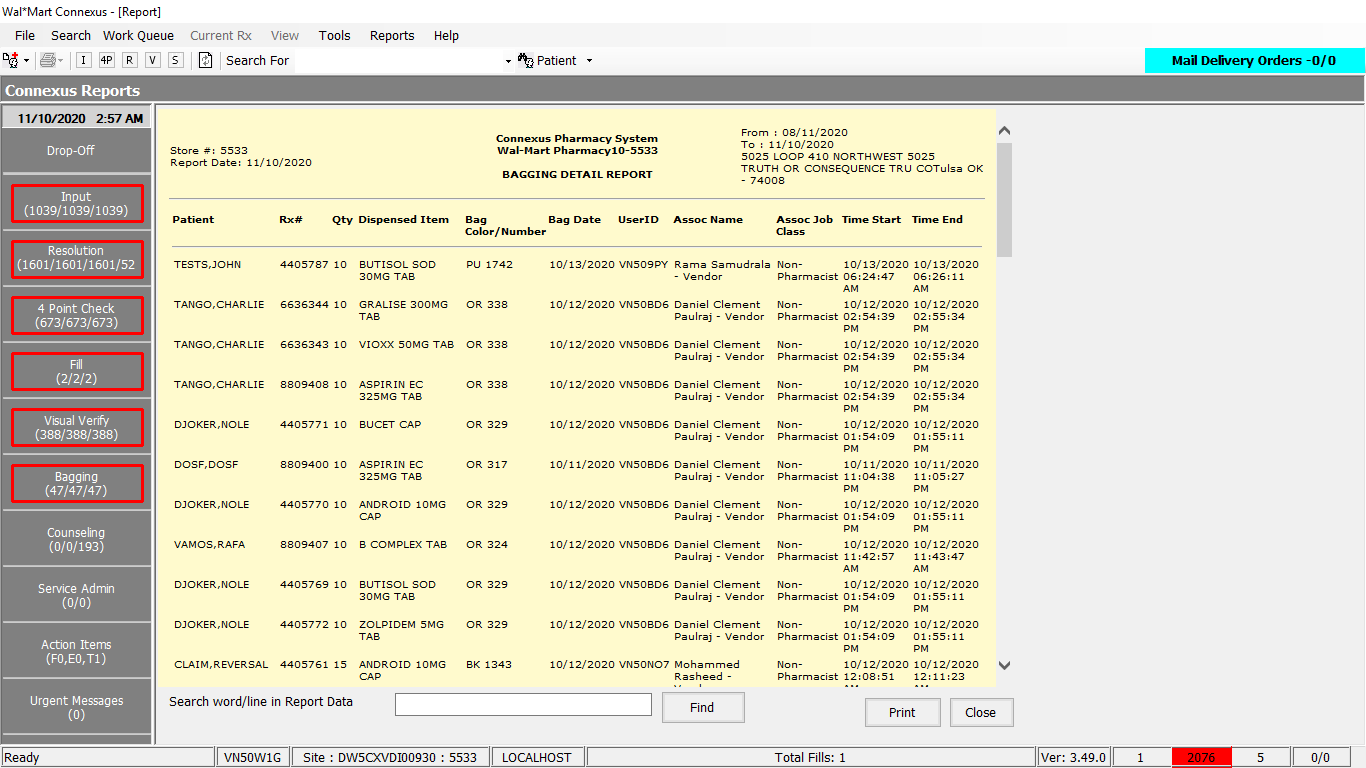


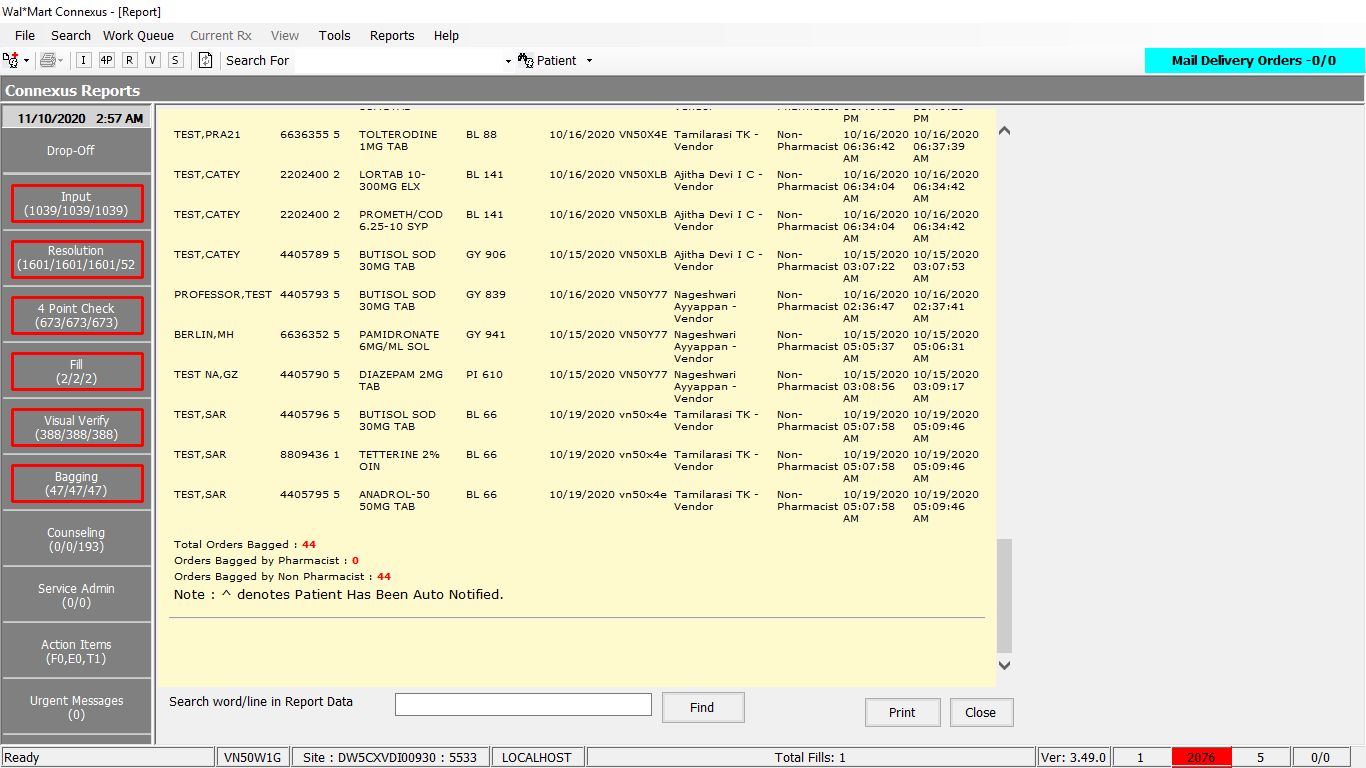




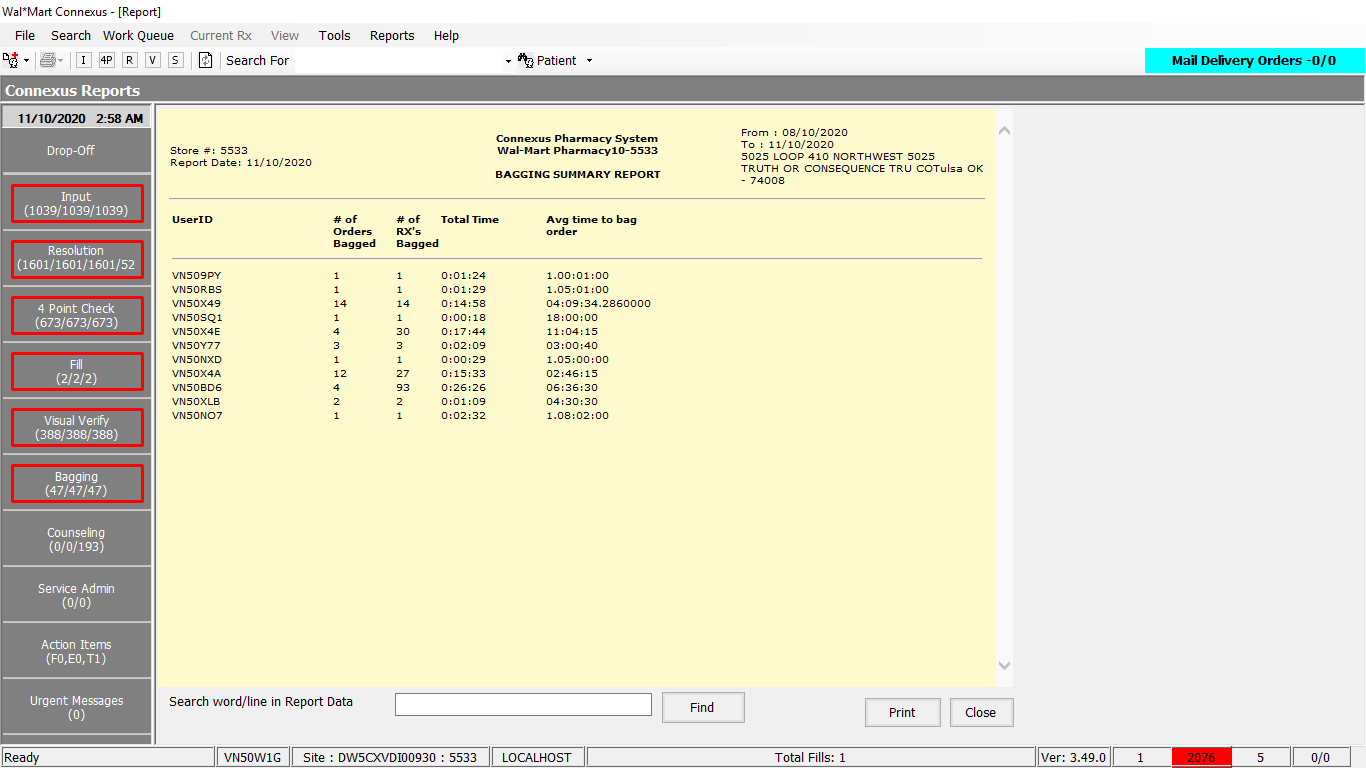
Response:

Detailed report response:





Summary report response:



Queries:

1. Friend Const GetBaggingReportData\_Beacon As String = "SELECT p.patient\_id, p.last\_name, p.first\_name, rx.rx\_nbr, rfi.fill\_item\_qty, pp.short\_name, rod.order\_id AS orderid, rod.next\_work\_que\_code,

obg.tote\_nbr, DATE(roda1.activity\_ts) AS filldate, roda1.activity\_userid,

su.user\_descr, su.user\_type\_code,sutype.user\_type\_descr,su.security\_level,roda2.activity\_ts AS starttime,roda3.activity\_ts AS endtime

FROM rx\_order\_detail rod,

rx\_ord\_dtl\_activty roda1,

rx,

order\_bag obg,

rx\_fill rxf,

outer rx\_ord\_dtl\_activty roda2,

outer rx\_ord\_dtl\_activty roda3,

patient p,

pharmacy\_offering:pharmacy\_product pp,

pharmacy\_offering:pharmacy\_item pi,

rx\_fill\_item rfi,

phm\_appl\_security:system\_user su,

phm\_appl\_security:sys\_user\_type\_txt sutype

WHERE rod.order\_id=roda1.order\_id

AND rod.order\_seq\_nbr = roda1.order\_seq\_nbr

AND rxf.rx\_fill\_id=rod.rx\_fill\_id

AND (rod.next\_work\_que\_code IN (3,6,15,16) OR

(rod.next\_work\_que\_code is null AND rxf.pos\_ts is not null)AND

rod.status\_code IN (20501,20502) OR

(rod.next\_work\_que\_code is null ) AND rod.status\_code IN (20503) )

AND roda1.activity\_code = 1101

AND roda1.work\_que\_code = 28

AND rx.rx\_id=rod.rx\_id

AND roda1.order\_bag\_id=obg.order\_bag\_id

AND rod.order\_id = obg.order\_id

AND roda1.order\_id = roda2.order\_id

AND roda1.order\_id = roda3.order\_id

AND roda1.order\_bag\_id = roda3.order\_bag\_id

AND roda2.work\_que\_code = 28

AND roda3.work\_que\_code = 28

AND roda2.activity\_code = 1100

AND roda3.activity\_code = 1101

AND su.user\_type\_code = sutype.user\_type\_code

AND p.patient\_id=rx.patient\_id

AND rfi.rx\_fill\_id = rod.rx\_fill\_id

AND pi.mds\_fam\_id = rfi.item\_mds\_fam\_id

AND pp.product\_mds\_fam\_id = pi.product\_mds\_fam\_id

AND UPPER(su.userid)=UPPER(roda1.activity\_userid)

AND roda2.activity\_ts = (SELECT MAX(roda3.activity\_ts)

FROM rx\_ord\_dtl\_activty roda3

WHERE roda2.order\_id=roda3.order\_id

AND roda2.order\_seq\_nbr=roda3.order\_seq\_nbr

AND roda3.work\_que\_code = 28

AND roda3.activity\_code = 1100 )

AND roda3.activity\_ts = (SELECT MAX(roda4.activity\_ts)

FROM rx\_ord\_dtl\_activty roda4

WHERE roda3.order\_id=roda4.order\_id

AND roda3.order\_seq\_nbr=roda4.order\_seq\_nbr

AND roda3.order\_bag\_id = roda4.order\_bag\_id

AND roda4.work\_que\_code = 28

AND roda4.activity\_code = 1101)

AND rod.order\_id=roda2.order\_id

AND rod.order\_seq\_nbr = roda2.order\_seq\_nbr

AND rod.order\_id=roda3.order\_id

AND rod.order\_seq\_nbr = roda3.order\_seq\_nbr "

2. Friend Const SummaryOrderRxCount\_Beacon As String = "SELECT count (distinct rod.order\_id) AS ordcount,

count( roda1.order\_seq\_nbr) AS rxcount,

UPPER(su.userid) AS userid, su.security\_level

FROM rx\_order\_detail rod,

phm\_appl\_security:system\_user su,

rx\_ord\_dtl\_activty roda1,

rx\_fill rxf,

outer rx\_ord\_dtl\_activty roda2,

rx\_ord\_dtl\_activty roda3 ,

rx

WHERE rod.order\_id=roda1.order\_id

AND rx.rx\_id=rod.rx\_id

AND rod.order\_seq\_nbr = roda1.order\_seq\_nbr

AND roda1.order\_id=roda2.order\_id

AND roda1.order\_bag\_id = roda2.order\_bag\_id

AND roda1.order\_id = roda3.order\_id

AND roda1.order\_bag\_id = roda3.order\_bag\_id

AND roda1.work\_que\_code = 28

AND roda2.work\_que\_code = 28

AND roda3.work\_que\_code = 28

AND roda1.activity\_code = 1101

AND roda2.activity\_code = 1100

AND roda3.activity\_code = 1101

AND rxf.rx\_fill\_id=rod.rx\_fill\_id

AND (rod.next\_work\_que\_code IN (3,6,15,16) OR

(rod.next\_work\_que\_code is null AND rxf.pos\_ts is not null) AND

rod.status\_code IN (20501,20502) OR

(rod.next\_work\_que\_code is null ) AND rod.status\_code IN (20503) )

AND UPPER(su.userid)=UPPER(roda1.activity\_userid)

AND roda2.activity\_ts = (SELECT MAX(roda3.activity\_ts)

FROM rx\_ord\_dtl\_activty roda3

WHERE roda2.order\_id=roda3.order\_id

AND roda3.work\_que\_code = 28

AND roda3.activity\_code = 1100)

AND roda3.activity\_ts = (SELECT MAX(roda4.activity\_ts)

FROM rx\_ord\_dtl\_activty roda4

WHERE roda3.order\_id=roda4.order\_id

AND roda3.order\_bag\_id = roda4.order\_bag\_id

AND roda4.work\_que\_code = 28

AND roda4.activity\_code = 1101) "

3. Friend Const GetBaggingReportData As String = "SELECT p.patient\_id, p.last\_name, p.first\_name, rx.rx\_nbr, rfi.fill\_item\_qty, pp.short\_name, rod.order\_id AS orderid, rod.next\_work\_que\_code, " &

" c.color\_abbr, obg.tote\_nbr, DATE(roda1.activity\_ts) AS filldate, roda1.activity\_userid, " &

" su.user\_descr, su.user\_type\_code,sutype.user\_type\_descr,su.security\_level,roda2.activity\_ts AS starttime, " &

" roda3.activity\_ts AS endtime " &

" FROM rx\_order\_detail rod, rx\_ord\_dtl\_activty roda1, rx,order\_bag obg, rx\_fill rxf, outer " &

" rx\_ord\_dtl\_activty roda2, rx\_ord\_dtl\_activty roda3, patient p, " &

" pharmacy\_offering:pharmacy\_product pp, pharmacy\_offering:pharmacy\_item pi, rx\_fill\_item rfi, " &

" bag\_range br, color c, " &

" phm\_appl\_security:system\_user su, " &

" phm\_appl\_security:sys\_user\_type\_txt sutype " &

" WHERE rod.order\_id=roda1.order\_id " &

" AND rod.order\_seq\_nbr = roda1.order\_seq\_nbr " &

" AND rxf.rx\_fill\_id=rod.rx\_fill\_id " &

" AND (rod.next\_work\_que\_code IN (3,6,15,16) OR (rod.next\_work\_que\_code is null AND rxf.pos\_ts is not null)AND rod.status\_code IN (20501,20502) " &

"OR (rod.next\_work\_que\_code is null ) AND rod.status\_code IN (20503) ) " &

" AND roda1.activity\_code = 1101 " &

" AND roda1.work\_que\_code = 28 " &

" AND rx.rx\_id=rod.rx\_id " &

" AND roda1.order\_bag\_id=obg.order\_bag\_id " &

" AND rod.order\_id = obg.order\_id " &

" AND roda1.order\_id = roda2.order\_id " &

" AND roda1.order\_bag\_id = roda2.order\_bag\_id " &

" AND roda1.order\_id = roda3.order\_id " &

" AND roda1.order\_bag\_id = roda3.order\_bag\_id " &

" AND roda2.work\_que\_code = 28 " &

" AND roda3.work\_que\_code = 28 " &

" AND roda2.activity\_code = 8686 " &

" AND roda3.activity\_code = 8687 " &

" AND su.user\_type\_code = sutype.user\_type\_code " &

" AND p.patient\_id=rx.patient\_id " &

" AND (br.bag\_range\_start\_nbr<=obg.tote\_nbr " &

" AND br.bag\_range\_end\_nbr>=obg.tote\_nbr) " &

" AND c.color\_code=br.color\_code " &

" AND rfi.rx\_fill\_id = rod.rx\_fill\_id " &

" AND pi.mds\_fam\_id = rfi.item\_mds\_fam\_id " &

" AND pp.product\_mds\_fam\_id = pi.product\_mds\_fam\_id " &

" AND UPPER(su.userid)=UPPER(roda1.activity\_userid) " &

" AND roda2.activity\_ts = " &

" (SELECT MAX(roda3.activity\_ts) From rx\_ord\_dtl\_activty roda3 " &

" WHERE roda2.order\_id=roda3.order\_id AND roda2.order\_seq\_nbr=roda3.order\_seq\_nbr AND roda2.order\_bag\_id = roda3.order\_bag\_id " &

" AND roda3.work\_que\_code = 28 " &

" AND roda3.activity\_code = 8686 ) " &

" AND roda3.activity\_ts = " &

" (SELECT MAX(roda4.activity\_ts) From rx\_ord\_dtl\_activty roda4 " &

" WHERE roda3.order\_id=roda4.order\_id AND roda3.order\_seq\_nbr=roda4.order\_seq\_nbr AND roda3.order\_bag\_id = roda4.order\_bag\_id " &

" AND roda4.work\_que\_code = 28 " &

" AND roda4.activity\_code = 8687) " &

" AND roda1.activity\_ts between " &

" (SELECT MAX(roda3.activity\_ts) From rx\_ord\_dtl\_activty roda3 " &

" WHERE roda1.order\_id=roda3.order\_id AND roda1.order\_seq\_nbr=roda3.order\_seq\_nbr AND roda1.order\_bag\_id = roda3.order\_bag\_id " &

" AND roda3.work\_que\_code = 28 " &

" AND roda3.activity\_code = 8686 ) " &

" AND " &

" (SELECT MAX(roda4.activity\_ts) From rx\_ord\_dtl\_activty roda4 " &

" WHERE roda1.order\_id=roda4.order\_id AND roda1.order\_seq\_nbr=roda4.order\_seq\_nbr AND roda1.order\_bag\_id = roda4.order\_bag\_id " &

" AND roda4.work\_que\_code = 28 " &

" AND roda4.activity\_code = 8687) " &

" AND rod.order\_id=roda2.order\_id " &

"AND rod.order\_seq\_nbr = roda2.order\_seq\_nbr " &

" AND rod.order\_id=roda3.order\_id " &

"AND rod.order\_seq\_nbr = roda3.order\_seq\_nbr "

4. Friend Const SummaryTotalAvgTime\_Beacon As String = "SELECT UPPER(su.userid) AS userid,

SUM (extend(roda3.activity\_ts, hour to second) - extend(roda2.activity\_ts, hour to second) )AS TotTime

FROM phm\_appl\_security:system\_user su,

rx\_ord\_dtl\_activty roda2,

rx\_ord\_dtl\_activty roda3

WHERE roda2.order\_id=roda3.order\_id

AND roda2.order\_seq\_nbr = roda3.order\_seq\_nbr

AND roda2.work\_que\_code = 28

AND roda3.work\_que\_code = 28

AND roda2.activity\_code = 1100

AND roda3.activity\_code = 1101

AND UPPER(su.userid)=UPPER(roda2.activity\_userid)

AND roda2.activity\_ts = (SELECT MAX(roda3.activity\_ts)

FROM rx\_ord\_dtl\_activty roda3

WHERE roda2.order\_id=roda3.order\_id

AND roda2.order\_seq\_nbr = roda3.order\_seq\_nbr

AND roda3.work\_que\_code = 28

AND roda3.activity\_code = 1100 )

AND roda3.activity\_ts = (SELECT MAX(roda4.activity\_ts)

FROM rx\_ord\_dtl\_activty roda4

WHERE roda3.order\_id=roda4.order\_id

AND roda4.order\_seq\_nbr = roda3.order\_seq\_nbr

AND roda4.work\_que\_code = 28

AND roda4.activity\_code = 1101)

AND roda2.order\_id IN(SELECT DISTINCT rod.order\_id

FROM rx\_order\_detail rod ,

rx

WHERE rod.order\_id = roda2.order\_id

AND rx.rx\_id = rod.rx\_id

AND rod.status\_code IN (20501,20502,20503) "

5. Friend Const SummaryOrderRxCount As String = "SELECT count (distinct rod.order\_id) AS ordcount, count( roda1.order\_seq\_nbr) AS rxcount," &

" UPPER(su.userid) AS userid, su.security\_level " &

" FROM rx\_order\_detail rod, phm\_appl\_security:system\_user su, rx\_ord\_dtl\_activty roda1,rx\_fill rxf, outer " &

" rx\_ord\_dtl\_activty roda2, rx\_ord\_dtl\_activty roda3 ,rx " &

" WHERE rod.order\_id=roda1.order\_id " &

" AND rx.rx\_id=rod.rx\_id " &

" AND rod.order\_seq\_nbr = roda1.order\_seq\_nbr " &

" AND roda1.order\_id=roda2.order\_id " &

" AND roda1.order\_bag\_id = roda2.order\_bag\_id " &

" AND roda1.order\_id = roda3.order\_id " &

" AND roda1.order\_bag\_id = roda3.order\_bag\_id " &

" AND roda1.work\_que\_code = 28 " &

" AND roda2.work\_que\_code = 28 " &

" AND roda3.work\_que\_code = 28 " &

" AND roda1.activity\_code = 1101 " &

" AND roda2.activity\_code = 8686 " &

" AND roda3.activity\_code = 8687 " &

" AND rxf.rx\_fill\_id=rod.rx\_fill\_id " &

" AND (rod.next\_work\_que\_code IN (3,6,15,16) OR (rod.next\_work\_que\_code is null AND rxf.pos\_ts is not null)AND rod.status\_code IN (20501,20502) " &

"OR(rod.next\_work\_que\_code is null ) AND rod.status\_code IN (20503) ) " &

" AND UPPER(su.userid)=UPPER(roda1.activity\_userid) " &

" AND roda2.activity\_ts = " &

" (SELECT MAX(roda3.activity\_ts) From rx\_ord\_dtl\_activty roda3 " &

" WHERE roda2.order\_id=roda3.order\_id and roda2.order\_bag\_id = roda3.order\_bag\_id " &

" AND roda3.work\_que\_code = 28 " &

" AND roda3.activity\_code = 8686 ) " &

" AND roda3.activity\_ts = " &

" (SELECT MAX(roda4.activity\_ts) From rx\_ord\_dtl\_activty roda4 " &

" WHERE roda3.order\_id=roda4.order\_id and roda3.order\_bag\_id = roda4.order\_bag\_id " &

" AND roda4.work\_que\_code = 28 " &

" AND roda4.activity\_code = 8687) " &

" AND roda1.activity\_ts BETWEEN " &

" (SELECT MAX(roda3.activity\_ts) From rx\_ord\_dtl\_activty roda3 " &

" WHERE roda1.order\_id=roda3.order\_id and roda1.order\_bag\_id = roda3.order\_bag\_id " &

" AND roda3.work\_que\_code = 28 " &

" AND roda3.activity\_code = 8686 ) " &

" AND " &

" (SELECT MAX(roda4.activity\_ts) From rx\_ord\_dtl\_activty roda4 " &

" WHERE roda1.order\_id=roda4.order\_id and roda1.order\_bag\_id = roda4.order\_bag\_id " &

" AND roda4.work\_que\_code = 28 " &

" AND roda4.activity\_code = 8687) "

6. Friend Const SummaryTotalAvgTime As String = "SELECT UPPER(su.userid) AS userid," &

" SUM (extend(roda3.activity\_ts, hour to second) - extend(roda2.activity\_ts, hour to second) )AS TotTime " &

" FROM phm\_appl\_security:system\_user su, rx\_ord\_dtl\_activty roda2, " &

" rx\_ord\_dtl\_activty roda3" &

" WHERE roda2.order\_id=roda3.order\_id " &

" AND roda2.order\_bag\_id = roda3.order\_bag\_id " &

" AND roda2.work\_que\_code = 28 " &

" AND roda3.work\_que\_code = 28 " &

" AND roda2.activity\_code = 8686 " &

" AND roda3.activity\_code = 8687 " &

" AND UPPER(su.userid)=UPPER(roda2.activity\_userid) " &

" AND roda2.activity\_ts = " &

" (SELECT MAX(roda3.activity\_ts) From rx\_ord\_dtl\_activty roda3 " &

" WHERE roda2.order\_id=roda3.order\_id and roda2.order\_bag\_id = " &

" roda3.order\_bag\_id " &

" AND roda3.work\_que\_code = 28 " &

" AND roda3.activity\_code = 8686 ) " &

" AND roda3.activity\_ts = " &

" (SELECT MAX(roda4.activity\_ts) From rx\_ord\_dtl\_activty roda4 " &

" WHERE roda3.order\_id=roda4.order\_id and roda3.order\_bag\_id = " &

" roda4.order\_bag\_id " &

" AND roda4.work\_que\_code = 28 " &

" AND roda4.activity\_code = 8687) " &

" AND roda2.order\_id IN( " &

" SELECT distinct rod.order\_id from rx\_order\_detail rod , rx " &

" WHERE rod.order\_id = roda2.order\_id " &

" AND rx.rx\_id = rod.rx\_id " &

" AND rod.status\_code IN (20501,20502,20503) "

7. Friend Const SearchByPatient As String = " AND rx.patient\_id = ?"

8. Friend Const SearchByPatientSummary As String = " AND rx.patient\_id = ?"

9. Friend Const SearchByPatientSummary As String = " AND rx.patient\_id = ?"

10. Friend Const SearchByItem As String = " AND rx.product\_mds\_fam\_id = ?"

11. Friend Const SearchByItemSummary As String = " AND rx.product\_mds\_fam\_id = ?"

12. Friend Const SearchByItemSummary As String = " AND rx.product\_mds\_fam\_id = ?"

13. Friend Const SearchByUser As String = " AND UPPER(roda1.activity\_userid) = ?"

14. Friend Const SearchByUser As String = " AND UPPER(roda1.activity\_userid) = ?"

15. Friend Const SearchByUserSummary As String = " AND UPPER(roda2.activity\_userid) = ?"

16. Friend Const SearchByDateSummary As String = " AND DATE(roda1.activity\_ts) BETWEEN ? AND ? GROUP BY su.userid, su.security\_level "

17. Friend Const SearchByDateDetailed As String = " AND DATE(roda1.activity\_ts) BETWEEN ? AND ?"

18. Friend Const SearchByDateSummaryForTimeAvg As String = " ) AND DATE(roda2.activity\_ts) BETWEEN ? AND ? GROUP BY su.userid "

19. Friend Const SortByUser As String = " ORDER BY roda1.activity\_userid"

20. Friend Const SortByItem As String = " ORDER BY pp.short\_name"

21. Friend Const SortByTime As String = " ORDER BY roda2.activity\_ts"

DAL method:

Public Function GetBaggingReportData(ByVal siteId As Integer, ByVal BaggingReportCriteria As BaggingReportCriteriaBE) As List(Of GetPosPickupRptDataInfoBE) Implements IReportDAL.GetBaggingReportData

Using (New Tracer(ConnexusCommonConstants.ConnexusTracer))

Dim reportQuery As New StringBuilder

Dim IsBeaconEnabled As Boolean = ReportDAL.GetBUPhmParm(siteId, ConnexusCommonConstants.BeaconEnabledFlag).

EqualsIgnoreCase(ConnexusCommonConstants.TrueValue)

Dim ordRxCountQuery As New StringBuilder

Dim timeAvgQuery As New StringBuilder

Dim paramList As New List(Of DbParameter)

If IsBeaconEnabled Then

reportQuery.Append(ReportQueries.GetBaggingReportData\_Beacon)

ordRxCountQuery.Append(ReportQueries.SummaryOrderRxCount\_Beacon)

timeAvgQuery.Append(ReportQueries.SummaryTotalAvgTime\_Beacon)

Else

reportQuery.Append(ReportQueries.GetBaggingReportData)

ordRxCountQuery.Append(ReportQueries.SummaryOrderRxCount)

timeAvgQuery.Append(ReportQueries.SummaryTotalAvgTime)

End If

If Not BaggingReportCriteria Is Nothing Then

If BaggingReportCriteria.PatientId > 0 Then

reportQuery.Append(ReportQueries.SearchByPatient)

ordRxCountQuery.Append(ReportQueries.SearchByPatientSummary)

timeAvgQuery.Append(ReportQueries.SearchByPatientSummary)

paramList.Add(ParameterHelper.BuildParameter("patient\_id", DbType.Int32, BaggingReportCriteria.PatientId))

End If

If BaggingReportCriteria.ItemId > 0 Then

reportQuery.Append(ReportQueries.SearchByItem)

ordRxCountQuery.Append(ReportQueries.SearchByItemSummary)

timeAvgQuery.Append(ReportQueries.SearchByItemSummary)

paramList.Add(ParameterHelper.BuildParameter("rx.product\_mds\_fam\_id", DbType.Int32, BaggingReportCriteria.ItemId))

End If

If BaggingReportCriteria.UserId IsNot Nothing Then

reportQuery.Append(ReportQueries.SearchByUser)

ordRxCountQuery.Append(ReportQueries.SearchByUser)

timeAvgQuery.Append(ReportQueries.SearchByUserSummary)

paramList.Add(ParameterHelper.BuildParameter("roda1.activity\_userid", DbType.String, BaggingReportCriteria.UserId))

End If

If BaggingReportCriteria.FromDate > Date.MinValue AndAlso BaggingReportCriteria.ToDate > Date.MinValue Then

reportQuery.Append(ReportQueries.SearchByDateDetailed)

ordRxCountQuery.Append(ReportQueries.SearchByDateSummary)

timeAvgQuery.Append(ReportQueries.SearchByDateSummaryForTimeAvg)

paramList.Add(ParameterHelper.BuildParameter("from\_date", DbType.Date, BaggingReportCriteria.FromDate))

paramList.Add(ParameterHelper.BuildParameter("to\_date", DbType.Date, BaggingReportCriteria.ToDate))

End If

End If

'Add Sort by clause

Select Case BaggingReportCriteria.SortBy

Case BaggingReportSortOptions.User

reportQuery.Append(ReportQueries.SortByUser)

Case BaggingReportSortOptions.Item

reportQuery.Append(ReportQueries.SortByItem)

Case BaggingReportSortOptions.Time

reportQuery.Append(ReportQueries.SortByTime)

End Select

Dim reportDataList As New List(Of GetPosPickupRptDataInfoBE)

Using dr As IDataReader = ExecuteReader(DatabaseEnum.rx21c, siteId, reportQuery.ToString, paramList)

While dr.Read()

Dim reportData As New GetPosPickupRptDataInfoBE

If Not dr.IsDBNull(dr.GetOrdinal("patient\_id")) Then

reportData.PatientId = dr.GetInt32(dr.GetOrdinal("patient\_id"))

End If

If Not (dr.IsDBNull(dr.GetOrdinal("last\_name")) AndAlso dr.IsDBNull(dr.GetOrdinal("first\_name"))) Then

reportData.PatientName = dr.GetString(dr.GetOrdinal("last\_name")).Trim() + "," + dr.GetString(dr.GetOrdinal("first\_name")).Trim()

End If

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

reportData.RxNbr = dr.GetInt32(dr.GetOrdinal("rx\_nbr"))

End If

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

reportData.FillQty = Convert.ToInt32(dr.GetDecimal(dr.GetOrdinal("fill\_item\_qty")))

End If

If Not dr.IsDBNull(dr.GetOrdinal("filldate")) Then

reportData.FillDate = dr.GetDateTime(dr.GetOrdinal("filldate")).Date

End If

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

reportData.DrugName = dr.GetString(dr.GetOrdinal("short\_name"))

End If

If IsBeaconEnabled Then

If dr.IsDBNull(dr.GetOrdinal("tote\_nbr")) Then

reportData.BagColorNumber = dr.GetInt32(dr.GetOrdinal("tote\_nbr")).ToString()

End If

Else

If Not (dr.IsDBNull(dr.GetOrdinal("color\_abbr")) AndAlso dr.IsDBNull(dr.GetOrdinal("tote\_nbr"))) Then

reportData.BagColorNumber = dr.GetString(dr.GetOrdinal("color\_abbr")) + " " + dr.GetInt32(dr.GetOrdinal("tote\_nbr")).ToString()

End If

End If

If Not dr.IsDBNull(dr.GetOrdinal("activity\_userid")) Then

reportData.UserID = dr.GetString(dr.GetOrdinal("activity\_userid"))

End If

If Not dr.IsDBNull(dr.GetOrdinal("user\_descr")) Then

reportData.AssocName = dr.GetString(dr.GetOrdinal("user\_descr"))

End If

If Not dr.IsDBNull(dr.GetOrdinal("user\_type\_descr")) Then

reportData.AssocJobClass = dr.GetString(dr.GetOrdinal("user\_type\_descr"))

End If

If Not dr.IsDBNull(dr.GetOrdinal("starttime")) Then

reportData.StartTime = (dr.GetDateTime(dr.GetOrdinal("starttime"))).ToString()

End If

If Not dr.IsDBNull(dr.GetOrdinal("endtime")) Then

reportData.EndTime = (dr.GetDateTime(dr.GetOrdinal("endtime"))).ToString()

End If

If Not dr.IsDBNull(dr.GetOrdinal("orderid")) Then

reportData.OrderId = (dr.GetInt32(dr.GetOrdinal("orderid")))

End If

'Infosys: Getting the security level to differentiate between temporary pharmacist and temporary technician.

'Also, to differentiate between moving pharmacist and moving technician.

If Not dr.IsDBNull(dr.GetOrdinal("security\_level")) Then

reportData.SecurityLevel = dr.GetInt16(dr.GetOrdinal("security\_level"))

End If

reportDataList.Add(reportData)

End While

End Using

' \*\*\*\*\*\*\*\*\*

'first--Query to get order count,rx count and user id

Using drSummary As IDataReader = ExecuteReader(DatabaseEnum.rx21c, siteId, ordRxCountQuery.ToString, paramList)

While drSummary.Read()

Dim summaryReportData As New GetPosPickupRptDataInfoBE

If Not drSummary.IsDBNull(drSummary.GetOrdinal("userid")) Then

summaryReportData.UserID = drSummary.GetString(drSummary.GetOrdinal("userid")).Trim()

End If

If Not drSummary.IsDBNull(drSummary.GetOrdinal("ordcount")) Then

summaryReportData.TotalOrderNumber = Convert.ToInt32(drSummary.GetDecimal(drSummary.GetOrdinal("ordcount")))

End If

If Not drSummary.IsDBNull(drSummary.GetOrdinal("rxcount")) Then

summaryReportData.TotalRxNumber = Convert.ToInt32(drSummary.GetDecimal(drSummary.GetOrdinal("rxcount")))

End If

'Infosys: Getting the security level to differentiate between temporary pharmacist and temporary technician.

'Also, to differentiate between moving pharmacist and moving technician.

If Not drSummary.IsDBNull(drSummary.GetOrdinal("security\_level")) Then

summaryReportData.SecurityLevel = drSummary.GetInt16(drSummary.GetOrdinal("security\_level"))

End If

reportDataList.Add(summaryReportData)

End While

End Using

'second --Query to get total time ,average time and user id

Dim reportDataTimeAvgList As New List(Of GetPosPickupRptDataInfoBE)

Using drSummary As IDataReader = ExecuteReader(DatabaseEnum.rx21c, siteId, timeAvgQuery.ToString, paramList)

While drSummary.Read()

Dim summaryReportTimeData As New GetPosPickupRptDataInfoBE

If Not drSummary.IsDBNull(drSummary.GetOrdinal("userid")) Then

summaryReportTimeData.UserID = drSummary.GetString(drSummary.GetOrdinal("userid")).Trim()

End If

summaryReportTimeData.TotalTime = drSummary.GetString(drSummary.GetOrdinal("TotTime")).Trim()

reportDataTimeAvgList.Add(summaryReportTimeData)

End While

End Using

'combine the above 2 results with respect to user id

Dim timeAvgData As New GetPosPickupRptDataInfoBE

Dim ordRxCountData As New GetPosPickupRptDataInfoBE

Dim avgTimeSeconds As New Double

Dim totalTimeSeconds As New Double

Dim listSeconds As String()

If Not reportDataList Is Nothing And Not reportDataTimeAvgList Is Nothing Then

For Each ordRxCountData In reportDataList

If ordRxCountData.TotalOrderNumber > 0 Then

For Each timeAvgData In reportDataTimeAvgList

If timeAvgData.UserID = ordRxCountData.UserID Then

'D4613[Calculating total seconds based on time stamp value]

listSeconds = timeAvgData.TotalTime.Split(CChar(":"))

totalTimeSeconds = Integer.Parse(listSeconds(0)) + 60 \* Integer.Parse(listSeconds(1)) + 3600 \* Integer.Parse(listSeconds(2))

ordRxCountData.TotalTime = timeAvgData.TotalTime

avgTimeSeconds = totalTimeSeconds / ordRxCountData.TotalOrderNumber

ordRxCountData.AvgTime = TimeSpan.FromSeconds(avgTimeSeconds).ToString()

End If

Next

End If

Next

End If

Return reportDataList

End Using

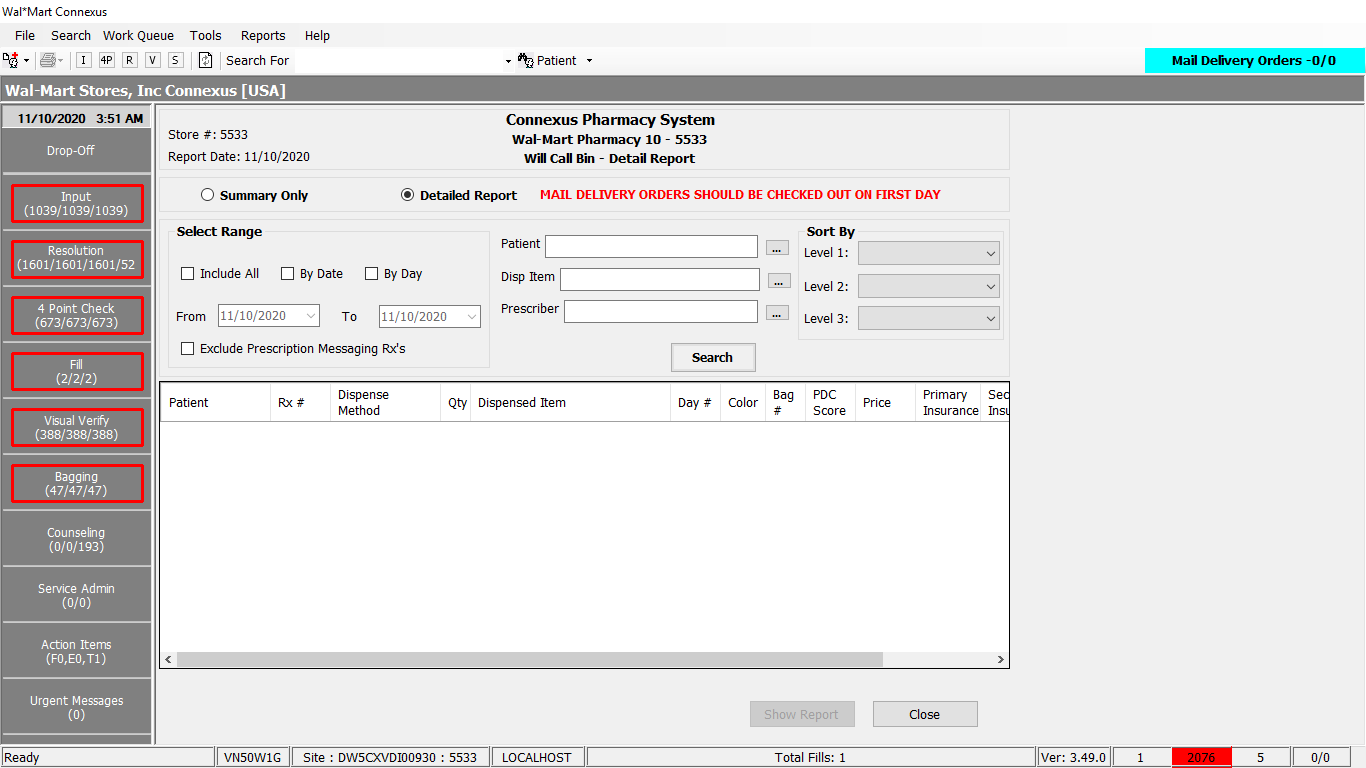
End Functions

# 10.Reports Menu/Pickup/POS Reports/Will Call Bin Report:

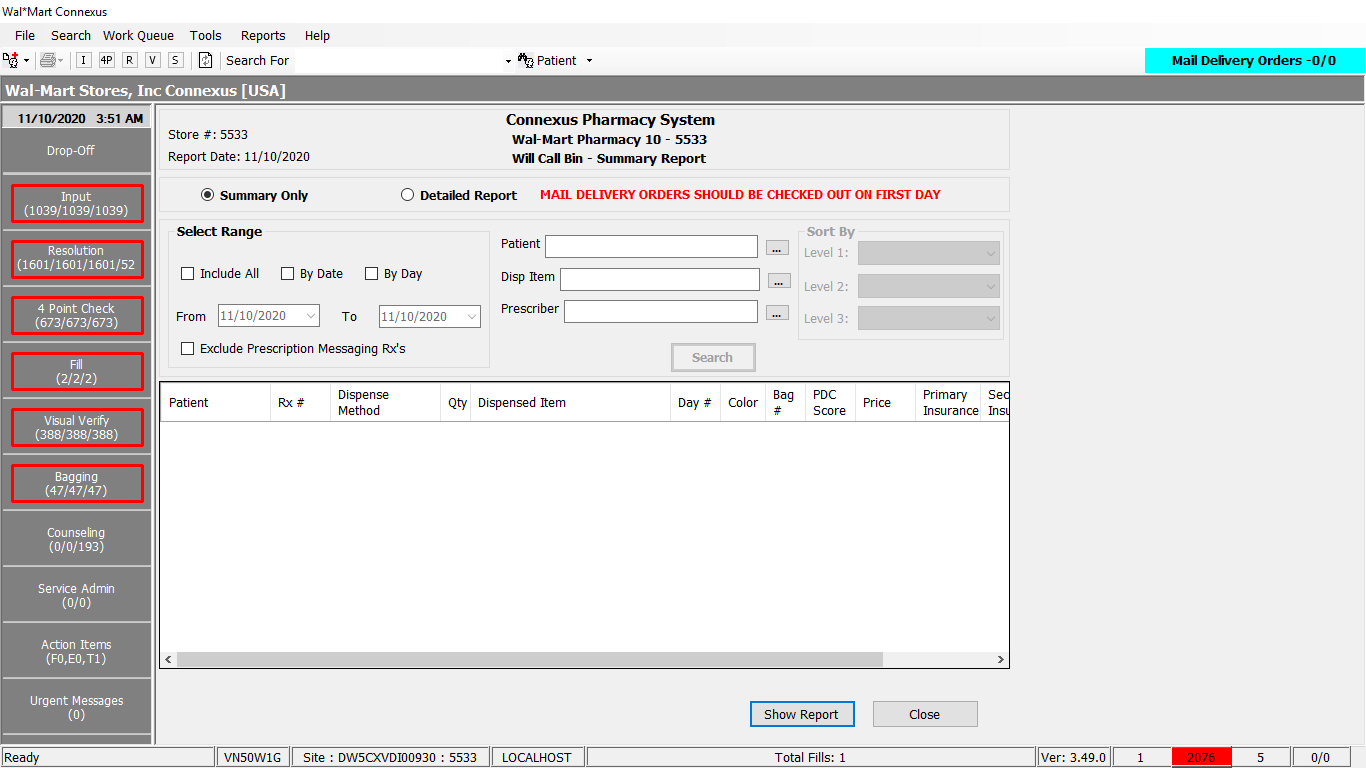
Request:

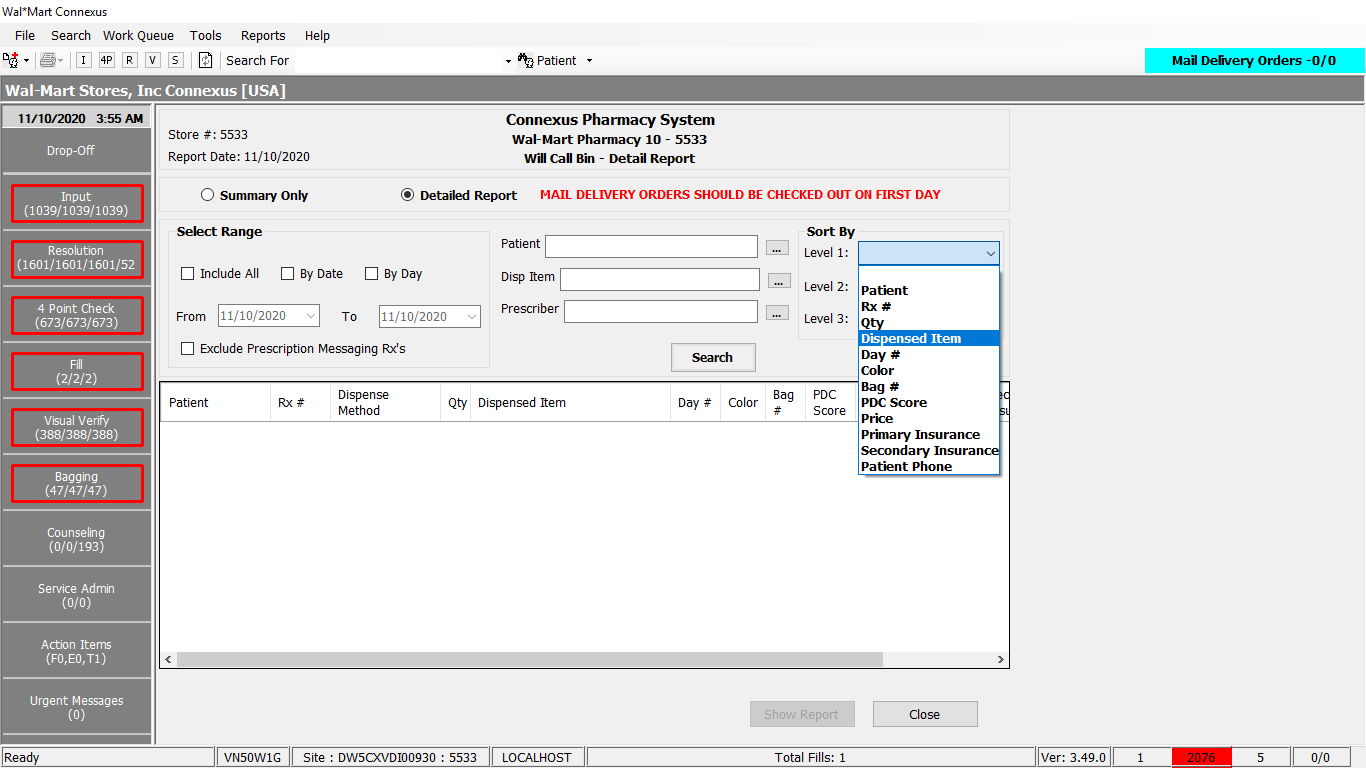
(Clicked screen shots at various situations)

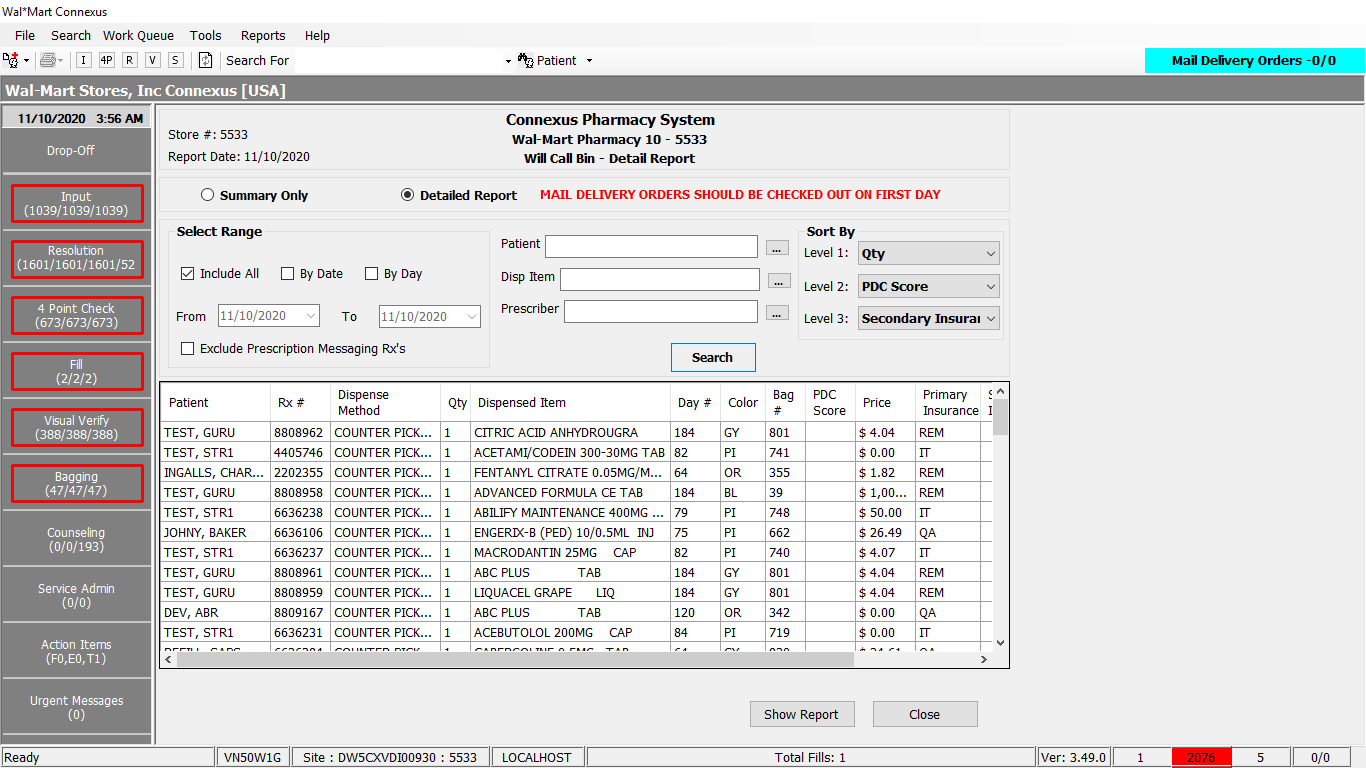
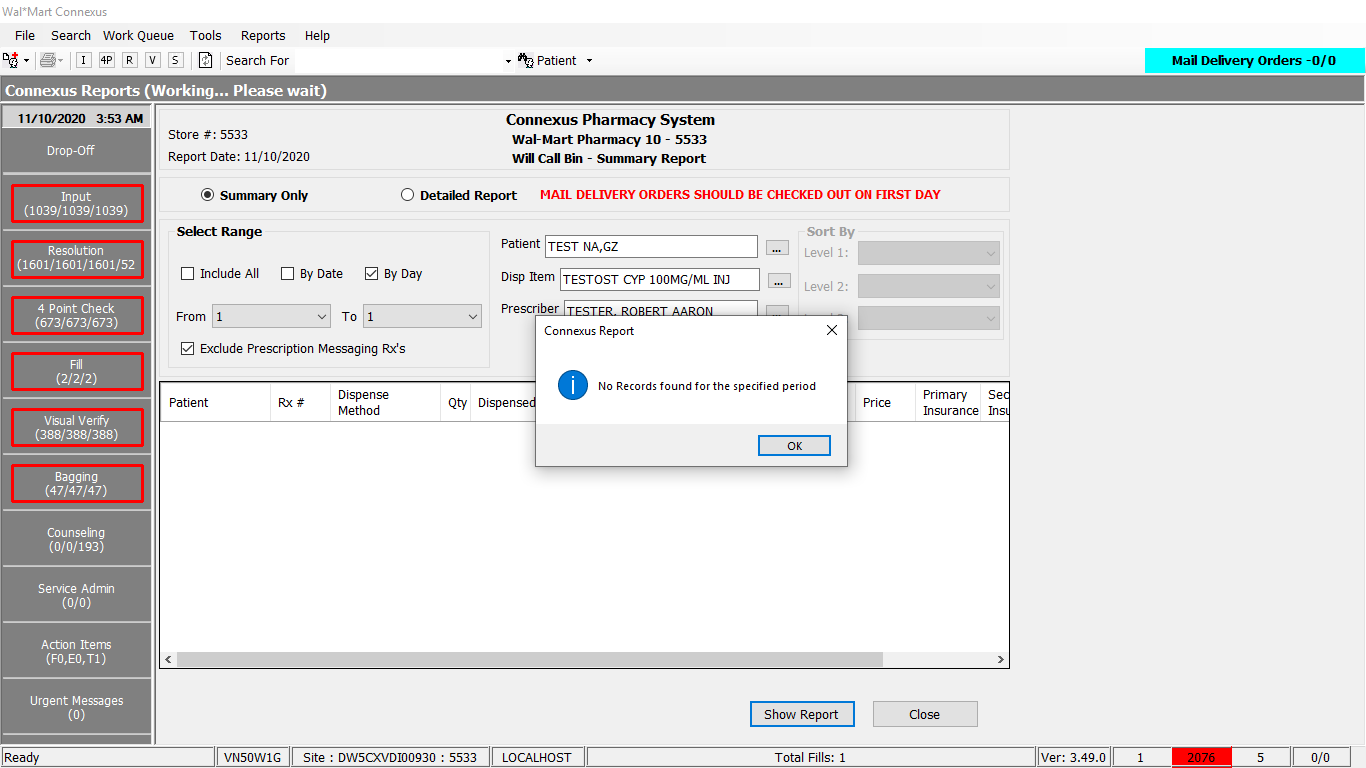
Landing page when Detailed report is checked:



Landing page when summary report is checked(sort by and search are blocked ):

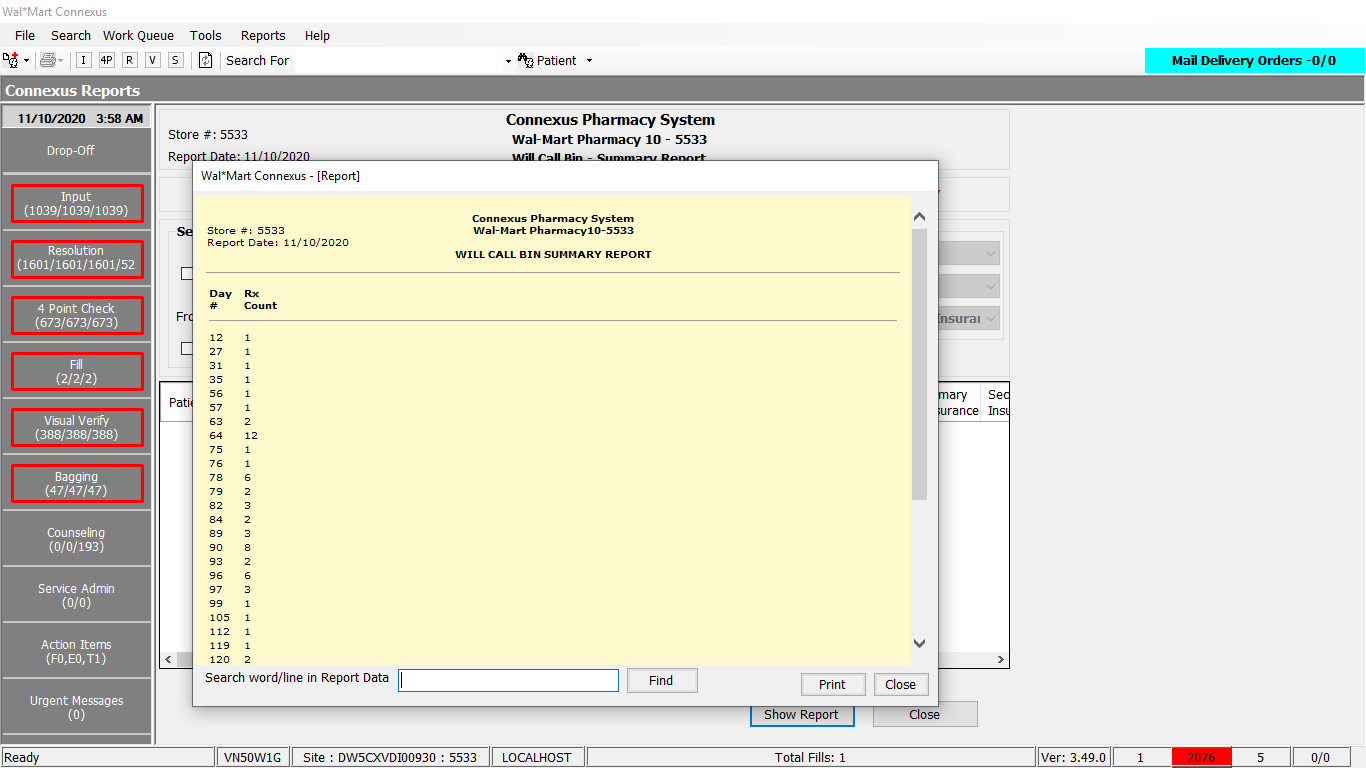


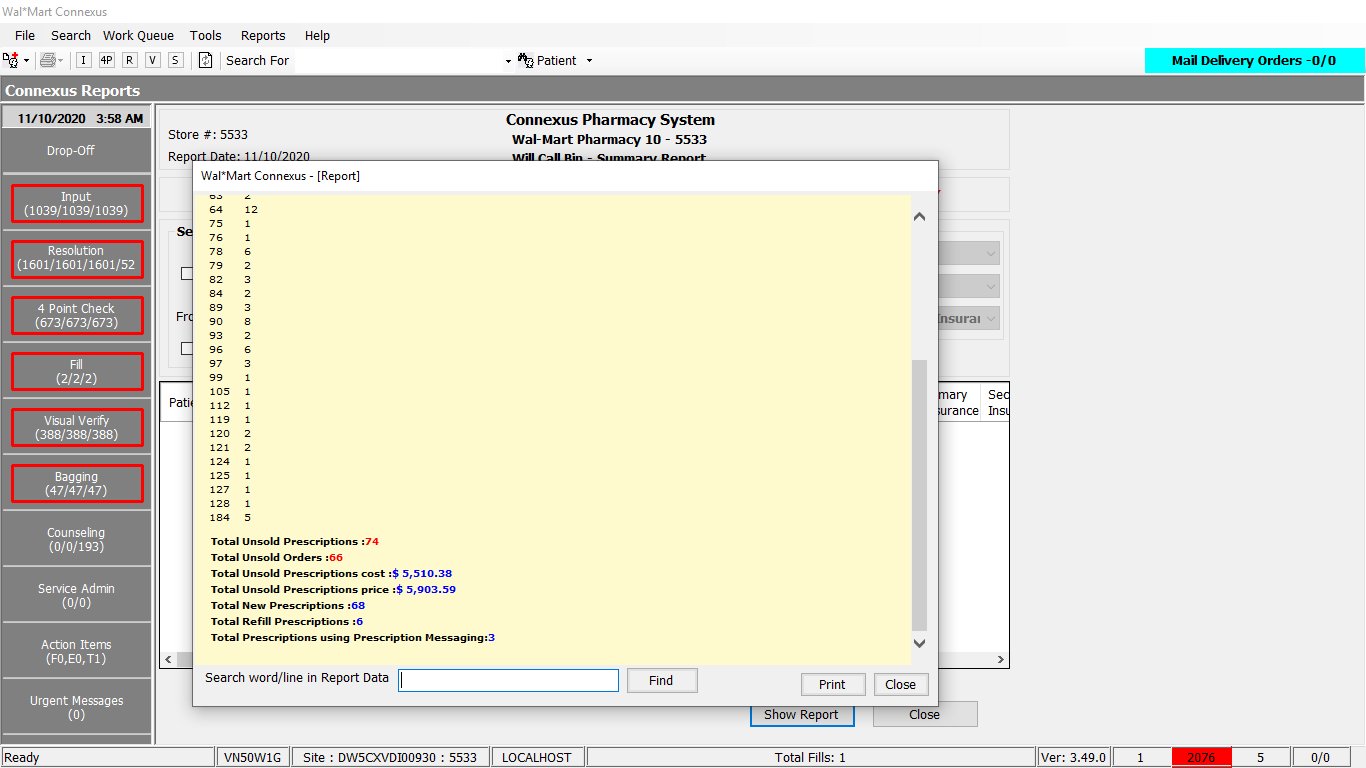




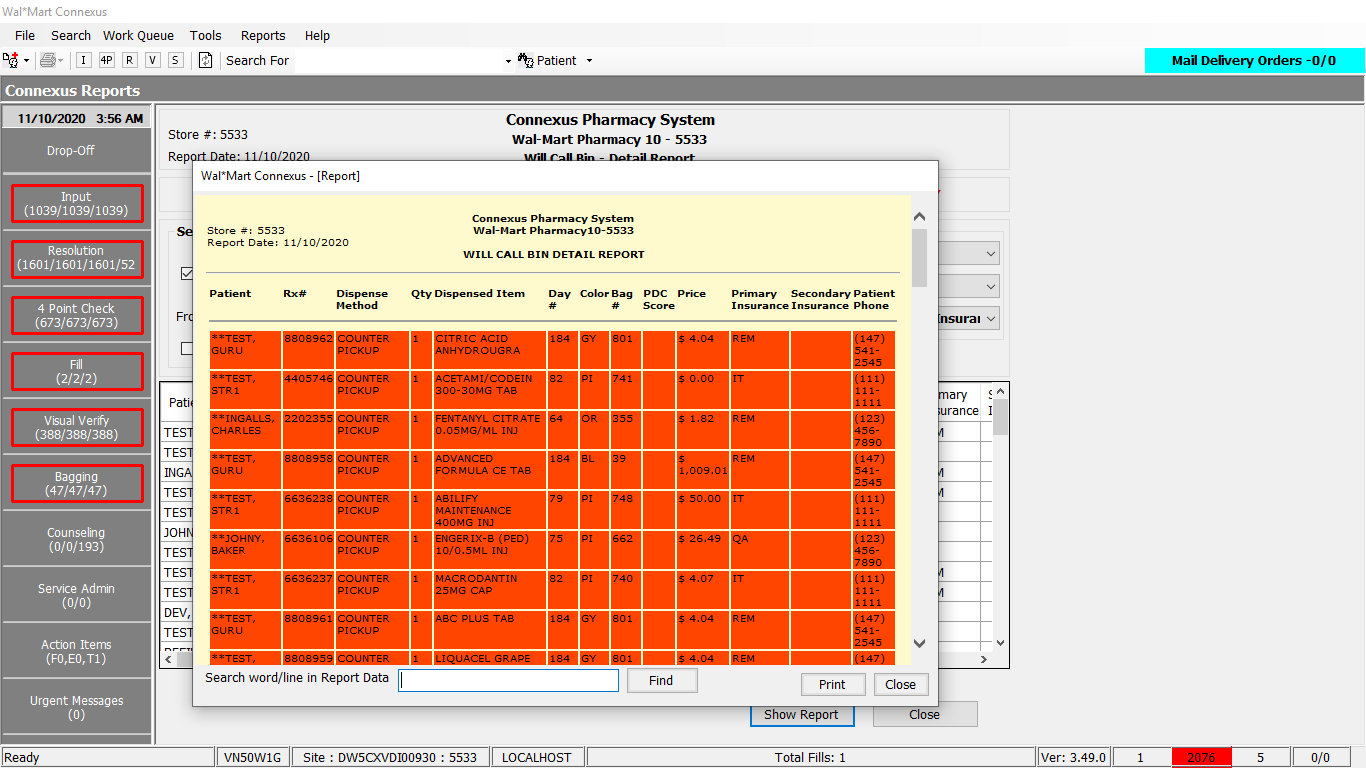
Response:

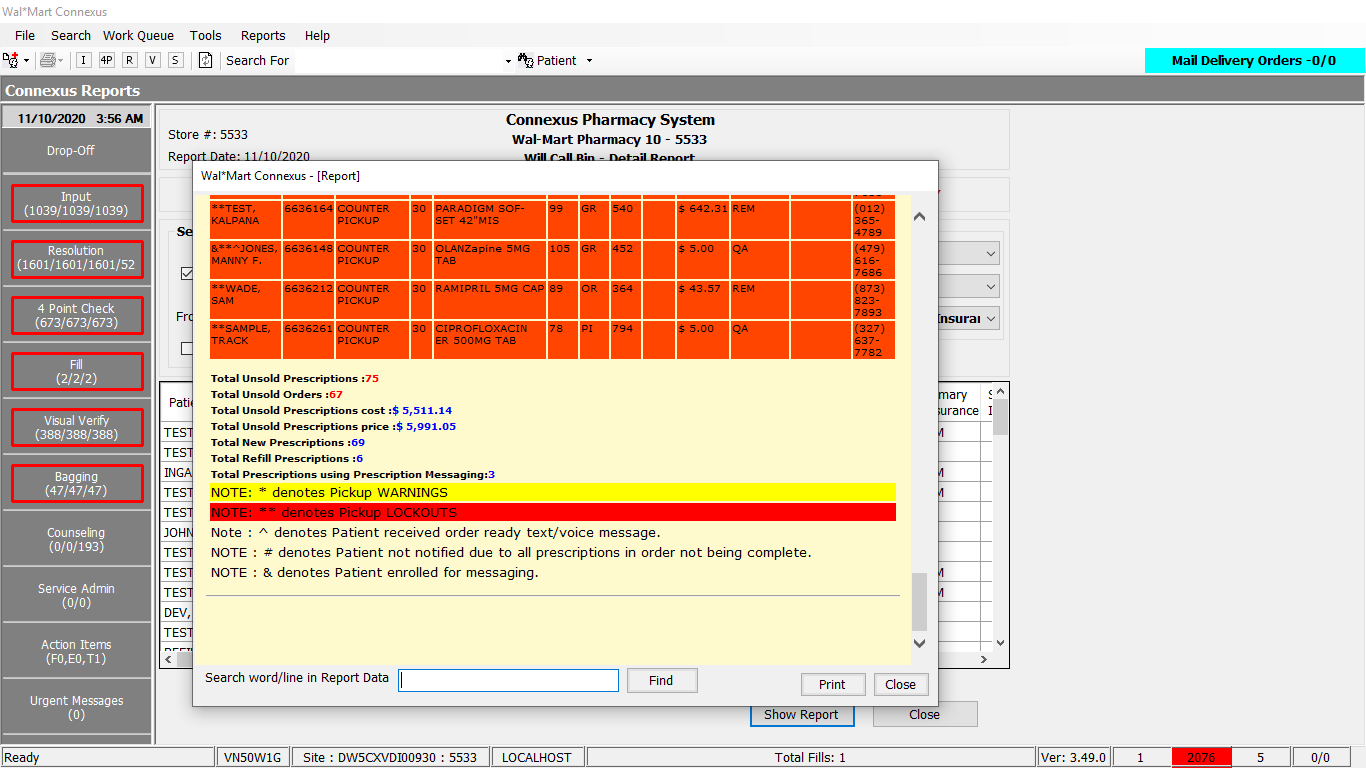
Summary report:





Detailed report:





Query:

Friend Const GetWCBDetailedReportData As String =

" SELECT tmp.patient\_id, tmp.order\_id,tmp.rx\_fill\_id,tmp.patient,tmp.rx\_nbr,tmp.fill\_date,tmp.activity\_ts,tmp.fill\_qty,tmp.package\_nbr, " &

" tmp.drug,tmp.price,tmp.cost,tmp.actual\_pickup\_ts,tmp.rx\_id,tmp.rx\_version\_seq\_nbr,tmp.communication\_id,tmp.patnotify,tmp.day\_nbr, " &

" tmp.bag\_nbr,tmp.bag\_color,tmp.new\_refill,tmp.auto\_refill,tmp.ready\_reminder,tmp.is\_tp,tmp.pdc,tmp.firstins,tmp.secondins, " &

" tmp.dlvry\_method\_desc, COUNT(rod2.rx\_fill\_id) as count from " &

" (SELECT pa.patient\_id, rod.order\_id, rf.rx\_fill\_id, " &

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

" rx.rx\_nbr, rf.fill\_date, EXTEND(rf.fill\_date, YEAR TO SECOND) activity\_ts, rf.fill\_qty, NVL(rod.package\_nbr, 0) package\_nbr, " &

" Case WHEN rx.compound\_ind = 'N' THEN TRIM(pp.short\_name) WHEN rx.compound\_ind = 'Y' THEN TRIM(comp.compound\_name) END drug, " &

" rf.patient\_due\_amt price, SUM(rfi.actual\_cost\_amt) cost,TO\_CHAR(rod.actual\_pickup\_ts) actual\_pickup\_ts, rx.rx\_id, " &

" rx.rx\_version\_seq\_nbr, " &

" CASE WHEN (sc.communication\_id IS NOT NULL) THEN sc.communication\_id " &

" WHEN (sc3.communication\_id IS NOT NULL) THEN sc3.communication\_id " &

" END communication\_id, " &

" CASE WHEN rod.notif\_status\_code = ? THEN 1 ELSE 0 END patnotify, " &

" (TODAY - DATE(rfa.activity\_ts)) + 1 day\_nbr, rod.tote\_nbr bag\_nbr, c.color\_abbr as bag\_color, " &

" Case WHEN rod.request\_type\_code IN (1600, 1603) THEN 'N' " &

" WHEN rod.request\_type\_code IN (1601, 1607) THEN 'R' " &

" ELSE null End new\_refill, " &

" rx.rx\_auto\_refill\_ind auto\_refill, sc2.communication\_id ready\_reminder, " &

" CASE WHEN rsd.aff\_party\_id Is Not NULL THEN 'Y' Else 'N' END is\_tp , " &

" CASE WHEN rx.compound\_ind = 'Y' THEN 0 " &

" WHEN pa.birth\_date >= (EXTEND(CURRENT, YEAR to DAY) - (?) UNITS YEAR) THEN 0 " &

" ELSE ( SELECT A.pdc FROM table(Function CalculatePDC(pgx.gpi\_code, rx.patient\_id,rx.status\_code,pa.patient\_type\_code)) " &

" AS A(pdc,daysMD,totDays) )END pdc, " &

" (SELECT tmp.phm\_co\_name\_abbr from " &

" (SELECT ROW\_NUMBER() OVER (ORDER BY clr1.txn\_seq\_nbr) AS Rownbr, pc1.phm\_co\_name\_abbr " &

" FROM claim\_response clr1, phm\_company pc1 " &

" WHERE clr1.rx\_fill\_id = clr.rx\_fill\_id " &

" AND clr1.response\_code IN (1901, 1902, 1904, 1905) " &

" AND pc1.phm\_co\_id=clr1.carrier\_co\_id)tmp " &

" WHERE tmp.rownbr=1) As firstins, " &

" (SELECT tmp.phm\_co\_name\_abbr FROM " &

" (SELECT ROW\_NUMBER() OVER (ORDER BY clr1.txn\_seq\_nbr) AS Rownbr, pc1.phm\_co\_name\_abbr " &

" FROM claim\_response clr1, phm\_company pc1 " &

" WHERE clr1.rx\_fill\_id = clr.rx\_fill\_id " &

" AND clr1.response\_code in (1901, 1902, 1904, 1905) " &

" AND pc1.phm\_co\_id=clr1.carrier\_co\_id)tmp " &

" WHERE tmp.rownbr=2) As secondins , CASE WHEN rod.dlvry\_method\_code IS NULL THEN 'COUNTER PICKUP' ELSE dmt.dlvry\_method\_desc END dlvry\_method\_desc " &

" FROM rx rx, patient pa, OUTER subject\_comm sc, " &

" OUTER subject\_comm sc2, OUTER subject\_comm sc3, " &

" rx\_fill rf, outer claim\_response clr, color c , OUTER (dlvry\_method dm, dlvry\_method\_text dmt), " &

" OUTER (pharmacy\_offering:pharmacy\_product pp, pharmacy\_offering:pharmacy\_item pi)," &

" OUTER (rx\_compound rxc, compound comp), OUTER (rx\_sale\_detail rsd), " &

" OUTER (Pharmacy\_offering:product\_gpi\_xref pgx), " &

" rx\_fill\_item rfi, rx\_fill\_activity rfa, prescriber prsc,rx\_order\_detail rod" &

" WHERE rod.next\_work\_que\_code = 6 " &

" AND dm.dlvry\_method\_code = rod.dlvry\_method\_code " &

" AND dm.dlvry\_method\_code = dmt.dlvry\_method\_code " &

" AND rx.patient\_id = pa.patient\_id " &

" AND pa.patient\_id = sc.subject\_id " &

" AND sc.comm\_seq\_nbr= ? " &

" AND sc.subject\_type\_code = ? AND sc.comm\_method\_code = ? AND pa.patient\_id = sc2.subject\_id " &

" AND sc2.subject\_type\_code = ? AND sc2.comm\_method\_code = ? " &

" AND sc3.subject\_type\_code= ? AND sc3.comm\_method\_code= ? AND sc3.comm\_seq\_nbr = ? AND pa.patient\_id = sc3.subject\_id " &

" AND rfi.item\_mds\_fam\_id = pi.mds\_fam\_id " &

" AND pi.product\_mds\_fam\_id = pp.product\_mds\_fam\_id AND rf.rx\_fill\_id = rsd.rx\_fill\_id AND rsd.txn\_seq\_nbr =1 " &

" AND rx.rx\_id = rod.rx\_id AND rx.rx\_id = rxc.rx\_id AND rxc.compound\_id = comp.compound\_id AND rod.rx\_fill\_id = rf.rx\_fill\_id " &

" AND rf.rx\_fill\_id = rfi.rx\_fill\_id AND rod.status\_code = ? AND rfa.rx\_fill\_id = rf.rx\_fill\_id " &

" AND rfa.activity\_seq\_nbr = (SELECT MAX(activity\_seq\_nbr) " &

" FROM rx\_fill\_activity rfa1 " &

" WHERE rfa1.activity\_code = 1104 " &

" AND rfa1.rx\_fill\_id = rf.rx\_fill\_id ) " &

" AND rx.prescriber\_id = prsc.prescriber\_id AND Date(rfa.activity\_ts) <= TODAY " &

" AND rx.product\_mds\_fam\_id = pgx.product\_mds\_fam\_id " &

" AND c.color\_code = (Select color\_code FROM bag\_range WHERE rod.tote\_nbr " &

" BETWEEN bag\_range\_start\_nbr AND bag\_range\_end\_nbr) " &

" AND clr.rx\_fill\_id = rod.rx\_fill\_id " &

" AND clr.response\_code In (1901, 1902, 1904, 1905) "

Friend Const GetWCBDetailedReportDataPart2 As String =

" ) tmp " &

" LEFT OUTER JOIN rx\_order\_detail rod2 " &

" ON rod2.order\_id= tmp.order\_id AND rod2.status\_code = 20501 " &

" AND rod2.next\_work\_que\_code In (1,2,4,5,7,8,9,10,11,12,28) " &

" AND rod2.notif\_status\_code Is null " &

" GROUP BY 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11,12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23,24,25,26,27,28 "

**DAL Method:**

Public Function GetWCBDetailedReportData(ByVal siteId As Integer, ByVal WCBReportCriteria As WCBReportCriteriaBE, ByVal EnableDispenseMethodSelectionFlag As Boolean) As List(Of GetPosPickupRptDataInfoBE) Implements IReportDAL.GetWCBDetailedReportData

Using (New Tracer(ConnexusCommonConstants.ConnexusTracer))

Dim reportQuery As New StringBuilder

Dim paramList As New List(Of DbParameter)

Dim minPDCAge As Integer = SafeConvert.ToInteger32(GetBUPhmParm(siteId, BuPhmParmCode.PDCAge))

reportQuery.Append(ReportQueries.GetWCBDetailedReportData)

'Add parameters to the query

paramList.Add(ParameterHelper.BuildParameter("notif\_status", DbType.Int32, ServicesCommonConstants.PatientNotificationSentStatus))

paramList.Add(ParameterHelper.BuildParameter("PDC\_Age", DbType.Int32, minPDCAge))

paramList.Add(ParameterHelper.BuildParameter("paramHome", DbType.Int32, CommSeqNumber.Home\_1))

paramList.Add(ParameterHelper.BuildParameter("subject\_Type\_Code", DbType.Int16, SubjectCodeType.SubjCodeTypePatient))

paramList.Add(ParameterHelper.BuildParameter("paramPhone", DbType.Int32, CommMethod.Phone))

paramList.Add(ParameterHelper.BuildParameter("subject\_Type\_Code", DbType.Int16, SubjectCodeType.SubjCodeTypePatient))

paramList.Add(ParameterHelper.BuildParameter("paramCell", DbType.Int32, CommMethod.Cell))

paramList.Add(ParameterHelper.BuildParameter("subject\_Type\_Code", DbType.Int16, SubjectCodeType.SubjCodeTypePatient))

paramList.Add(ParameterHelper.BuildParameter("paramPhone", DbType.Int32, CommMethod.Phone))

paramList.Add(ParameterHelper.BuildParameter("paramHome", DbType.Int32, CommSeqNumber.AltHomePhone10))

paramList.Add(ParameterHelper.BuildParameter("Order\_status", DbType.Int32, RxOrderStatus.RxOrderActive))

' Add search criteria to the query

If Not WCBReportCriteria Is Nothing Then

If WCBReportCriteria.PatientId > 0 Then

reportQuery.Append(" AND rx.patient\_id = ? ")

paramList.Add(ParameterHelper.BuildParameter("patient\_id", DbType.Int32, WCBReportCriteria.PatientId))

End If

If WCBReportCriteria.MdsFamId > 0 Then

If WCBReportCriteria.IsCompound Then

reportQuery.Append(" AND rxc.compound\_id = ? ")

reportQuery.Replace("OUTER (rx\_compound rxc, compound comp), ",

"rx\_compound rxc, compound comp, ")

Else

reportQuery.Append(" AND rx.product\_mds\_fam\_id = ? ")

reportQuery.Replace("OUTER (pharmacy\_offering:pharmacy\_product pp, pharmacy\_offering:pharmacy\_item pi), ",

"pharmacy\_offering:pharmacy\_product pp, pharmacy\_offering:pharmacy\_item pi, ")

End If

paramList.Add(ParameterHelper.BuildParameter("mds\_fam\_id", DbType.Int32, WCBReportCriteria.MdsFamId))

End If

If WCBReportCriteria.PrescriberId > 0 Then

reportQuery.Append(" AND rx.prescriber\_id = ? ")

paramList.Add(ParameterHelper.BuildParameter("prescriber\_id", DbType.Int32, WCBReportCriteria.PrescriberId))

End If

If Not WCBReportCriteria.IsIncludeAll AndAlso

WCBReportCriteria.FromDate > Date.MinValue AndAlso WCBReportCriteria.ToDate > Date.MinValue Then

reportQuery.Append(" AND DATE(rfa.activity\_ts) BETWEEN ? AND ? ")

paramList.Add(ParameterHelper.BuildParameter("from\_date", DbType.Date, WCBReportCriteria.FromDate))

paramList.Add(ParameterHelper.BuildParameter("to\_date", DbType.Date, WCBReportCriteria.ToDate))

Else

reportQuery.Append(" AND DATE(rfa.activity\_ts) <= TODAY ")

End If

End If

'Add Group by clause

reportQuery.Append(" GROUP BY 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23,24,25,26,27,28 ")

reportQuery.Append(ReportQueries.GetWCBDetailedReportDataPart2)

If WCBReportCriteria.SortLevel1 > 0 OrElse WCBReportCriteria.SortLevel2 > 0 OrElse WCBReportCriteria.SortLevel3 > 0 Then

reportQuery.Append(" ORDER BY ")

'Based on the sort level options selected in the report screen,

'add the order by condition to the query.

If WCBReportCriteria.SortLevel1 > 0 Then

'Get the order by contion for Sort Level 1.

WCBReportCriteria.SortBy = WCBReportCriteria.SortLevel1

Dim SortLevel = GetOrderByClauseForWCBDetailedReport(WCBReportCriteria)

reportQuery.Append(SortLevel)

End If

If WCBReportCriteria.SortLevel2 > 0 Then

'Get the order by contion for Sort Level 2.

WCBReportCriteria.SortBy = WCBReportCriteria.SortLevel2

Dim SortLevel = GetOrderByClauseForWCBDetailedReport(WCBReportCriteria)

If WCBReportCriteria.SortLevel1 > 0 Then

SortLevel = ", " + SortLevel

End If

reportQuery.Append(SortLevel)

End If

If WCBReportCriteria.SortLevel3 > 0 Then

'Get the order by contion for Sort Level 3.

WCBReportCriteria.SortBy = WCBReportCriteria.SortLevel3

Dim SortLevel = GetOrderByClauseForWCBDetailedReport(WCBReportCriteria)

If WCBReportCriteria.SortLevel1 > 0 OrElse WCBReportCriteria.SortLevel2 > 0 Then

SortLevel = ", " + SortLevel

End If

reportQuery.Append(SortLevel)

End If

End If

Dim reportDataList As New List(Of GetPosPickupRptDataInfoBE)

'Now we have the Query. Execute it to get the results

Using dr As IDataReader = ExecuteReader(DatabaseEnum.rx21c, siteId, reportQuery.ToString, paramList)

While dr.Read()

Dim reportData As New GetPosPickupRptDataInfoBE

If Not dr.IsDBNull(dr.GetOrdinal("patient\_id")) Then

reportData.PatientId = dr.GetInt32(dr.GetOrdinal("patient\_id"))

End If

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

reportData.RefillId = dr.GetInt32(dr.GetOrdinal("rx\_fill\_id"))

End If

If Not dr.IsDBNull(dr.GetOrdinal("patient")) Then

reportData.PatientName = dr.GetString(dr.GetOrdinal("patient")).Trim

End If

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

reportData.RxNbr = dr.GetInt32(dr.GetOrdinal("rx\_nbr"))

End If

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

reportData.FillDate = dr.GetDateTime(dr.GetOrdinal("fill\_date"))

End If

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

reportData.FillQty = Convert.ToInt32(dr.GetDecimal(dr.GetOrdinal("fill\_qty")))

End If

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

reportData.DrugName = dr.GetString(dr.GetOrdinal("drug"))

End If

If Not dr.IsDBNull(dr.GetOrdinal("price")) Then

reportData.Price = dr.GetDecimal(dr.GetOrdinal("price"))

End If

If Not dr.IsDBNull(dr.GetOrdinal("cost")) Then

reportData.Cost = dr.GetDecimal(dr.GetOrdinal("cost"))

End If

If Not dr.IsDBNull(dr.GetOrdinal("activity\_ts")) Then

reportData.ActivityTs = dr.GetDateTime(dr.GetOrdinal("activity\_ts"))

End If

If Not dr.IsDBNull(dr.GetOrdinal("actual\_pickup\_ts")) Then

reportData.PickupTs = dr.GetString(dr.GetOrdinal("actual\_pickup\_ts"))

End If

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

reportData.RxId = dr.GetInt32(dr.GetOrdinal("rx\_id"))

End If

If Not dr.IsDBNull(dr.GetOrdinal("rx\_version\_seq\_nbr")) Then

reportData.RxVersionSeqNbr = dr.GetInt16(dr.GetOrdinal("rx\_version\_seq\_nbr"))

End If

If Not dr.IsDBNull(dr.GetOrdinal("communication\_id")) Then

reportData.Phone = dr.GetString(dr.GetOrdinal("communication\_id")).Trim

End If

If Not dr.IsDBNull(dr.GetOrdinal("patnotify")) Then

reportData.PatNotifyInd = dr.GetInt32(dr.GetOrdinal("patnotify"))

End If

If Not dr.IsDBNull(dr.GetOrdinal("day\_nbr")) Then

reportData.DayNumber = Convert.ToInt32(dr.GetDecimal(dr.GetOrdinal("day\_nbr")))

End If

If Not dr.IsDBNull(dr.GetOrdinal("bag\_nbr")) Then

reportData.BagNumber = dr.GetInt32(dr.GetOrdinal("bag\_nbr"))

End If

If Not dr.IsDBNull(dr.GetOrdinal("bag\_color")) Then

reportData.BagColor = dr.GetString(dr.GetOrdinal("bag\_color"))

End If

If Not dr.IsDBNull(dr.GetOrdinal("ready\_reminder")) Then

reportData.ReadyReminder = dr.GetString(dr.GetOrdinal("ready\_reminder"))

End If

If Not dr.IsDBNull(dr.GetOrdinal("new\_refill")) Then

reportData.NewOrRefill = dr.GetString(dr.GetOrdinal("new\_refill"))

End If

If Not dr.IsDBNull(dr.GetOrdinal("auto\_refill")) Then

reportData.IsAutoRefill = dr.GetString(dr.GetOrdinal("auto\_refill"))

End If

If Not dr.IsDBNull(dr.GetOrdinal("is\_tp")) Then

reportData.IsTP = dr.GetString(dr.GetOrdinal("is\_tp"))

End If

If Not dr.IsDBNull(dr.GetOrdinal("order\_id")) Then

reportData.OrderId = dr.GetInt32(dr.GetOrdinal("order\_id"))

End If

'Logic to fetch the PDC score.

Dim PDCScore = dr.GetValueOrDefault(Of Integer)("pdc")

If PDCScore > 0 Then

reportData.PDCScore = If(PDCScore > 100, 100, PDCScore)

End If

' Dispense Method

If EnableDispenseMethodSelectionFlag Then

If Not dr.IsDBNull(dr.GetOrdinal("dlvry\_method\_desc")) Then

reportData.DispenseMethod = dr.GetString(dr.GetOrdinal("dlvry\_method\_desc"))

End If

End If

reportData.PrimaryInsurance = dr.GetValueOrDefault(Of String)("firstins").SafeTrim

reportData.SecondaryInsurance = dr.GetValueOrDefault(Of String)("secondins").SafeTrim

reportData.RxCount = SafeConvert.ToInteger32(dr.GetValueOrDefault(Of Decimal)("count"))

reportDataList.Add(reportData)

End While

End Using

If reportDataList.Count > 0 Then

Return reportDataList

Else

Return Nothing

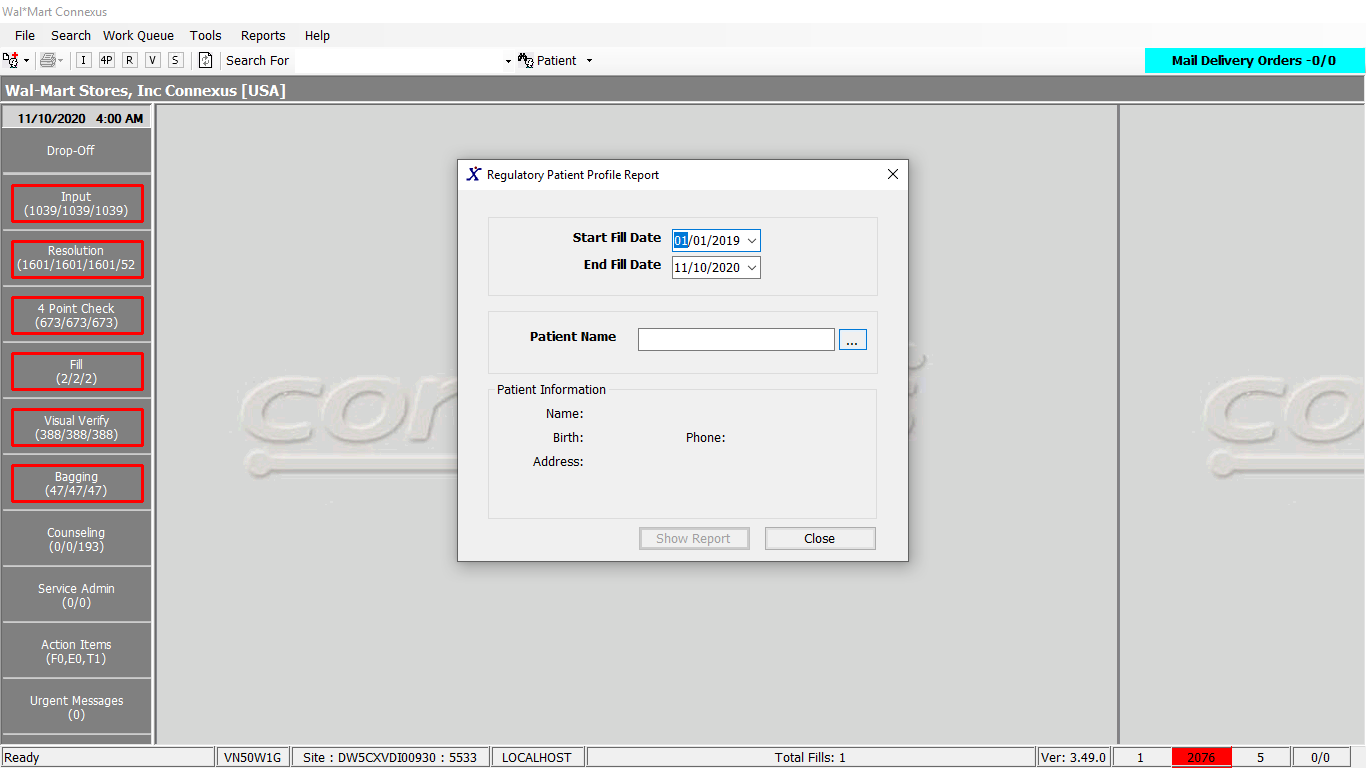
End If

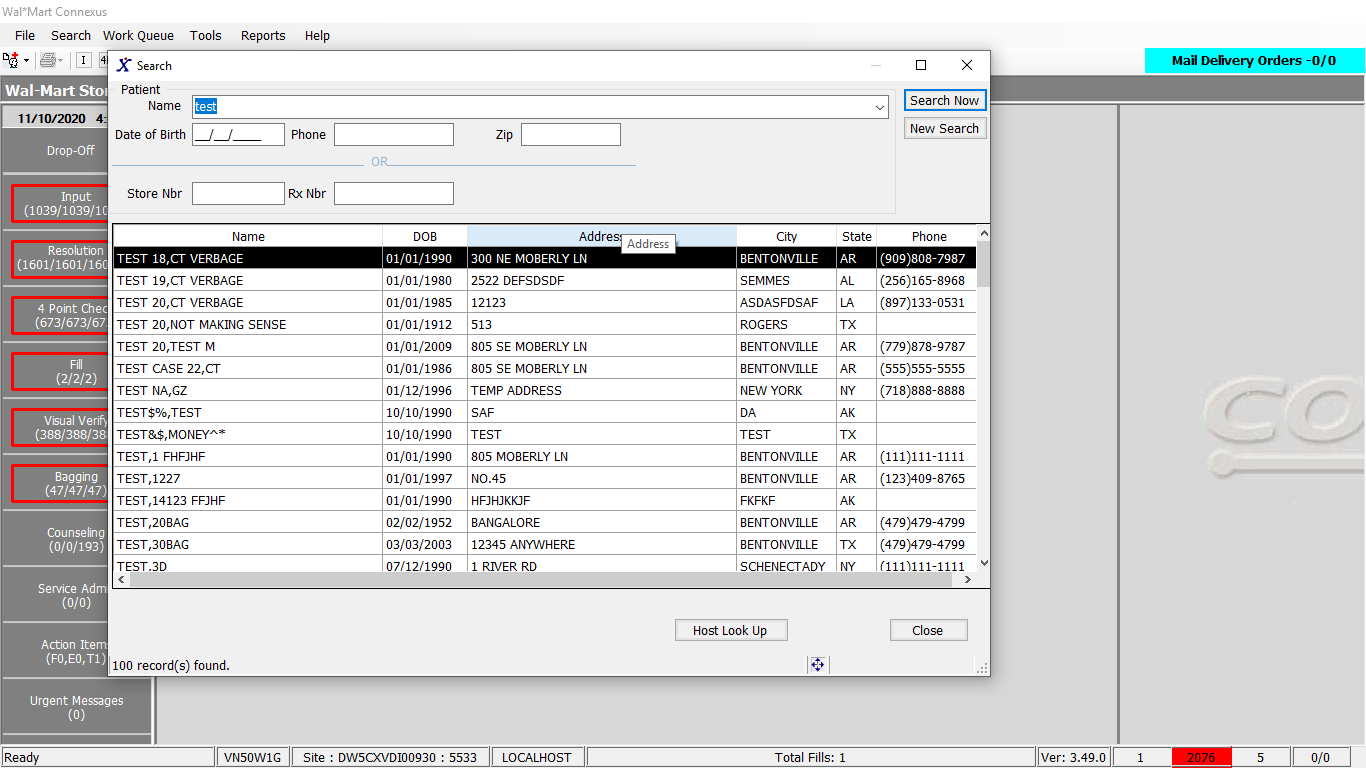
End Using

End Function

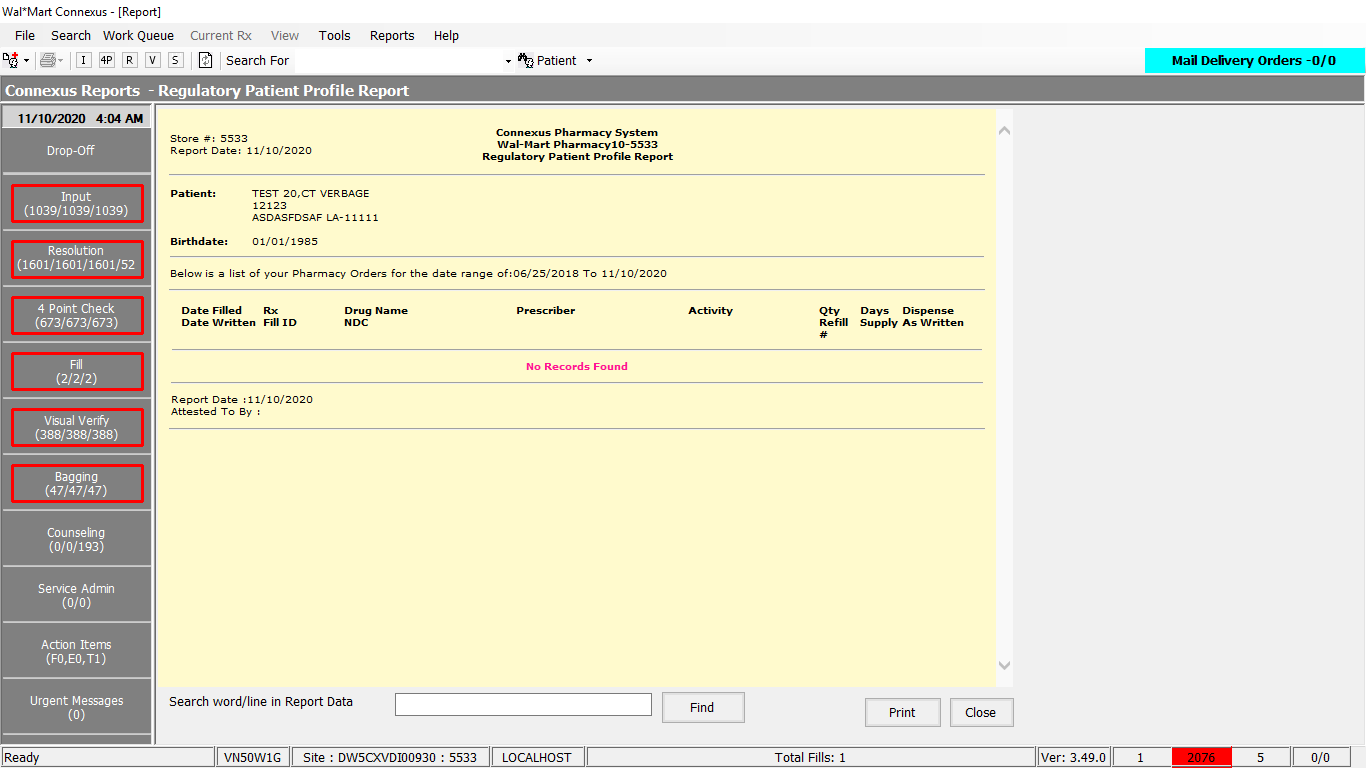
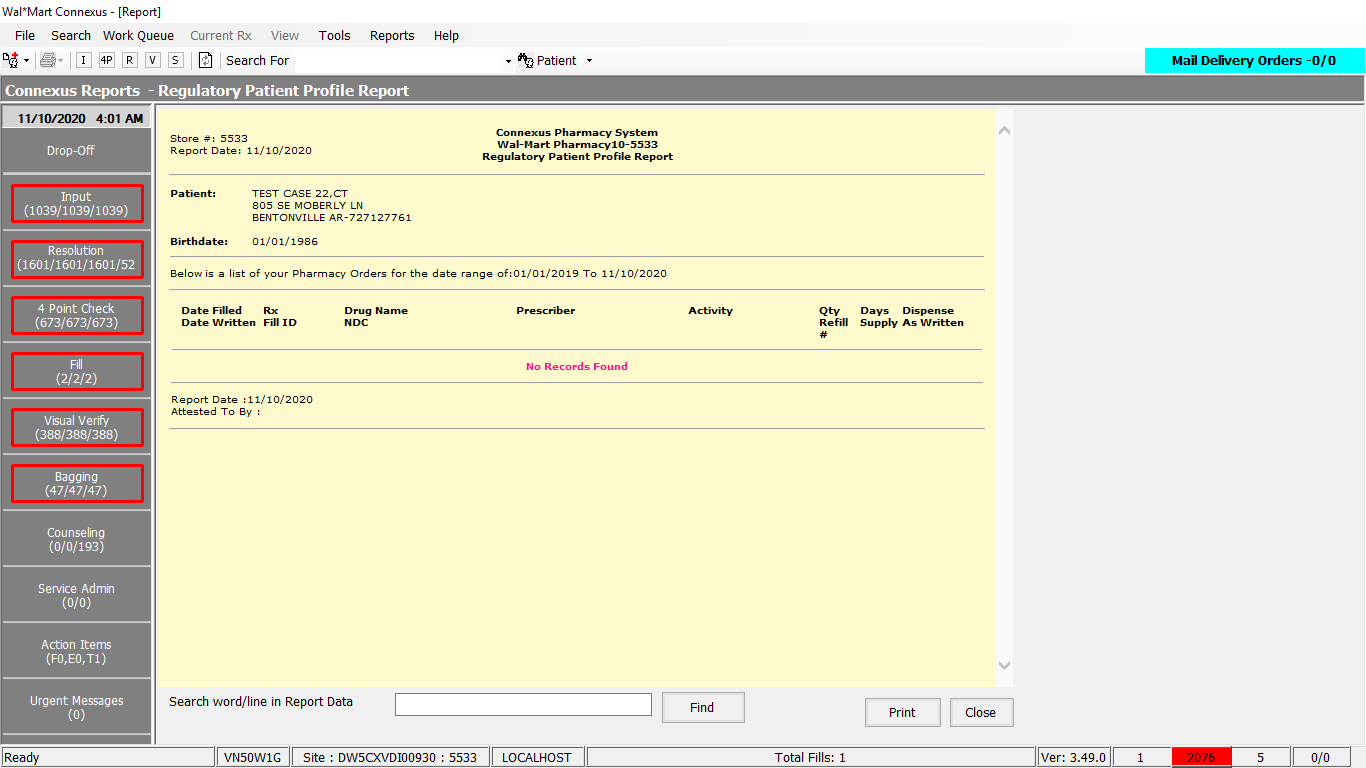
# 11.Reports Menu/Print Images/Pharmacist Report/Regulatory Patient Profile Report:

**Request:**





**Response:**



**Query:**

**1.** Friend Const GetMedicalExpensesDataSelectPart1 As String = "SELECT DISTINCT 0 RxStoreNbr, rxf.fill\_date , CASE WHEN rx.compound\_ind ='Y' then c.compound\_name WHEN rx.compound\_ind !='Y' then pp.short\_name END drug\_name, rxf.rx\_fill\_seq\_nbr, rx.rx\_nbr,rxf.fill\_qty, pct.code\_abbr, ref.rx\_fill\_id centralfill, NVL(rx.rx\_check\_userid,'N/A') rx\_check\_userid,NVL(rxf.tech\_of\_rec\_userid,'N/A') tech\_of\_rec\_userid,NVL(rxf.rph\_of\_rec\_userid,'N/A') rph\_of\_rec\_userid ,TRIM(NVL(pr.last\_name,'')) || ',' || TRIM(NVL(pr.first\_name,'')) || ' ' || TRIM(NVL(pr.middle\_name,'')) PrescName, rx.rx\_written\_date, rx.expanded\_sig\_txt, rxf.rx\_fill\_id, CASE WHEN rx.compound\_ind ='Y' then 'COMPOUND' ELSE pi.ndc\_nbr END ndc\_nbr, pgx.gpi\_code, rxf.fill\_days\_sply\_qty,NVL(rpl.license\_nbr,pl.license\_nbr) dea, pl2.license\_nbr NPI, patient\_due\_amt, pos\_sale\_amt,"

2. GetMedicalExpensesDataExcludeCashPay As String = " ROUND((SELECT SUM(NVL(txn\_amt,0)) as tp\_amt FROM rx\_sale\_detail rsd1 WHERE rsd1.rx\_fill\_id = rxf.rx\_fill\_id AND rsd1.status\_code IN (21005, 21010)), 2) tp\_amt, (SELECT NVL(pos\_patient\_amt,0) FROM pos\_activity pa WHERE pa.rx\_fill\_id = rxf.rx\_fill\_id AND pos\_txn\_type\_code = 5700 AND pos\_seq\_nbr = (SELECT MAX(pos\_seq\_nbr) FROM pos\_activity pa1 WHERE pa1.rx\_fill\_id = pa.rx\_fill\_id AND pa1.pos\_txn\_type\_code = 5700)) posact\_patamt, (SELECT NVL(COUNT(\*),0) FROM pos\_activity pa2 WHERE pa2.rx\_fill\_id = rxf.rx\_fill\_id AND pos\_txn\_type\_code = 5700) posact\_count, rxf.fill\_type\_code,phmc.phm\_co\_name\_abbr,rxf.third\_party\_ind, rx.rx\_id, rx.rx\_version\_seq\_nbr,rx.patient\_id,rxf.pos\_ts,NVL(rxf.tax\_amt,0) tax\_amt,rxf.usual\_price\_amt,(SELECT claim\_reference\_id FROM claim\_response cr WHERE claim\_response\_id = (SELECT NVL(MAX(claim\_response\_id),0) FROM claim\_response cr1 WHERE cr1.rx\_fill\_id = rxf.rx\_fill\_id)) tpref FROM rx rx,rx\_fill rxf,rx\_fill\_item rfi, pharmacy\_code\_txt pct, OUTER (rx\_compound rxc, compound c), OUTER (rx\_sale\_detail rsd, phm\_company phmc), pharmacy\_offering:pharmacy\_product pp,pharmacy\_offering:pharmacy\_item pi, prescriber pr,OUTER prescriber\_license pl, OUTER rx\_prsbr\_license rpl, outer prescriber\_license pl2, OUTER pharmacy\_offering:product\_gpi\_xref pgx, OUTER rx\_fill\_activity rfa, OUTER rx\_espn\_fill ref WHERE rx.rx\_id=rxf.rx\_id AND rxf.rx\_fill\_id=rfi.rx\_fill\_id AND rxf.rx\_fill\_id = rfa.rx\_fill\_id AND rfa.activity\_code in (32622,1167) AND rxf.rx\_fill\_id = ref.rx\_fill\_id AND rxf.daw\_code=pct.code\_id AND rxc.rx\_id = rx.rx\_id AND c.compound\_id = rxc.compound\_id AND pi.product\_mds\_fam\_id=pp.product\_mds\_fam\_id AND rfi.item\_mds\_fam\_id=pi.mds\_fam\_id AND rpl.rx\_id = rx.rx\_id AND rx.rx\_id NOT IN (SELECT rx\_id FROM rx\_restrict WHERE expiration\_ts IS NULL AND restrict\_type\_code=400) AND rpl.prescriber\_id = rx.prescriber\_id AND rpl.license\_type\_code = 800 AND rfi.item\_seq\_nbr = (SELECT NVL(MIN(rfi2.item\_seq\_nbr),1) from rx\_fill\_item rfi2 where rfi2.rx\_fill\_id=rxf.rx\_fill\_id) AND pr.prescriber\_id=rx.prescriber\_id"

3. Friend Const GetMedicalExpensesDataSelectPart2 As String = " ROUND((SELECT SUM(NVL(txn\_amt,0)) as tp\_amt FROM rx\_sale\_detail rsd1 WHERE rsd1.rx\_fill\_id = rxf.rx\_fill\_id AND rsd1.status\_code IN (21005, 21010)), 2) tp\_amt, (SELECT NVL(pos\_patient\_amt,0) FROM pos\_activity pa WHERE pa.rx\_fill\_id = rxf.rx\_fill\_id AND pos\_txn\_type\_code = 5700 AND pos\_seq\_nbr = (SELECT MAX(pos\_seq\_nbr) FROM pos\_activity pa1 WHERE pa1.rx\_fill\_id = pa.rx\_fill\_id AND pa1.pos\_txn\_type\_code = 5700)) posact\_patamt, (SELECT NVL(COUNT(\*),0) FROM pos\_activity pa2 WHERE pa2.rx\_fill\_id = rxf.rx\_fill\_id AND pos\_txn\_type\_code = 5700) posact\_count, rxf.fill\_type\_code,phmc.phm\_co\_name\_abbr,rxf.third\_party\_ind, rx.rx\_id, rx.rx\_version\_seq\_nbr,rx.patient\_id,rxf.pos\_ts,NVL(rxf.tax\_amt,0) tax\_amt,rxf.usual\_price\_amt,(SELECT claim\_reference\_id FROM claim\_response cr WHERE claim\_response\_id = (SELECT NVL(MAX(claim\_response\_id),0) FROM claim\_response cr1 WHERE cr1.rx\_fill\_id = rxf.rx\_fill\_id)) tpref FROM rx rx,rx\_fill rxf,rx\_fill\_item rfi, pharmacy\_code\_txt pct, OUTER (rx\_compound rxc, compound c), OUTER (rx\_sale\_detail rsd, phm\_company phmc), pharmacy\_offering:pharmacy\_product pp,pharmacy\_offering:pharmacy\_item pi, prescriber pr,OUTER prescriber\_license pl, OUTER rx\_prsbr\_license rpl, outer prescriber\_license pl2 , OUTER pharmacy\_offering:product\_gpi\_xref pgx, OUTER rx\_fill\_activity rfa, OUTER rx\_espn\_fill ref WHERE rx.rx\_id=rxf.rx\_id AND rxf.rx\_fill\_id=rfi.rx\_fill\_id AND rxf.rx\_fill\_id = rfa.rx\_fill\_id AND rfa.activity\_code in (32622,1167) AND rxf.rx\_fill\_id = ref.rx\_fill\_id AND rxf.daw\_code=pct.code\_id AND rxc.rx\_id = rx.rx\_id AND c.compound\_id = rxc.compound\_id AND pi.product\_mds\_fam\_id=pp.product\_mds\_fam\_id AND rfi.item\_mds\_fam\_id=pi.mds\_fam\_id AND rpl.rx\_id = rx.rx\_id AND rpl.prescriber\_id = rx.prescriber\_id AND rpl.license\_type\_code = 800 AND rfi.item\_seq\_nbr = (SELECT NVL(MIN(rfi2.item\_seq\_nbr),1) from rx\_fill\_item rfi2 where rfi2.rx\_fill\_id=rxf.rx\_fill\_id) AND pr.prescriber\_id=rx.prescriber\_id"

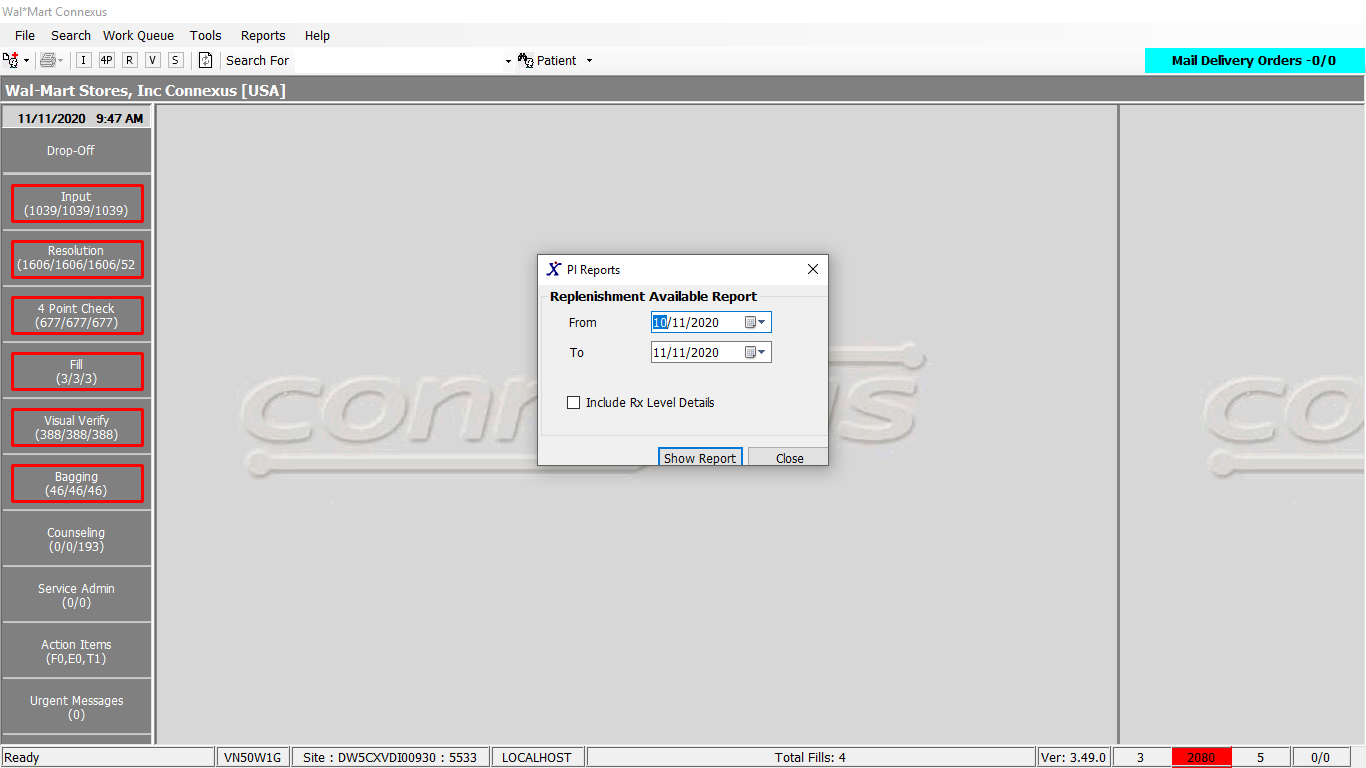
**4.** Friend Const GetMedicalExpensesDataSelectPart3 As String = " AND rxf.rph\_of\_rec\_userid IS NOT NULL AND rxf.status\_code= 20401 AND rx.patient\_id= ? AND rpl.license\_nbr NOT LIKE 'X%' AND rxf.fill\_date >= ? AND rxf.fill\_date <= ? AND rsd.rx\_fill\_id = rxf.rx\_fill\_id AND (rsd.status\_code = 21005 OR rsd.status\_code = 21010) AND rsd.txn\_type\_code= 21400 AND rsd.aff\_party\_id = phmc.phm\_co\_id AND pgx.product\_mds\_fam\_id = pi.product\_mds\_fam\_id ORDER BY rxf.fill\_date "

5. Public Const SetBuPhmParmValue As String = "UPDATE bu\_phm\_parm SET phm\_parm\_value = ? " & \_

" WHERE phm\_parm\_code = ?"

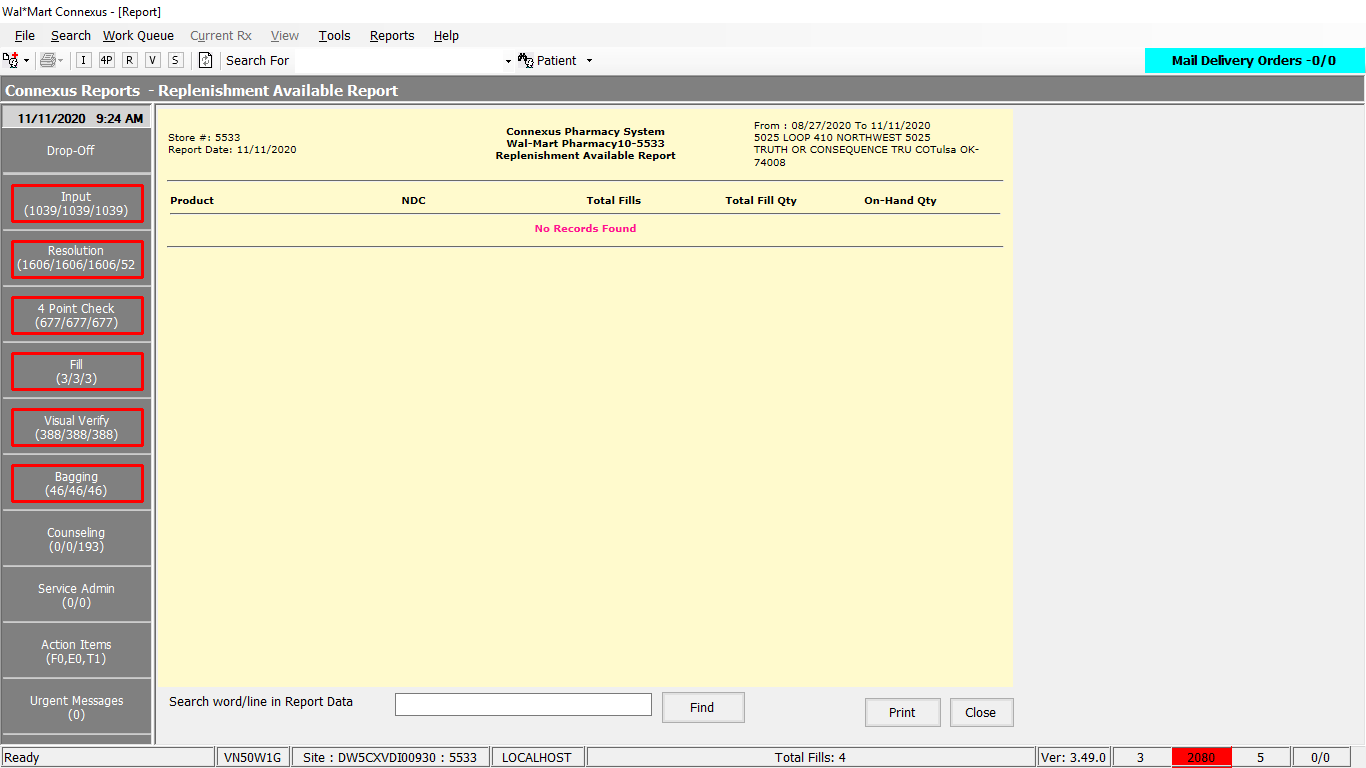
# 12.Reports/Inventory Reports/Replenishment Reports/Replenishment Available Report:

Request:

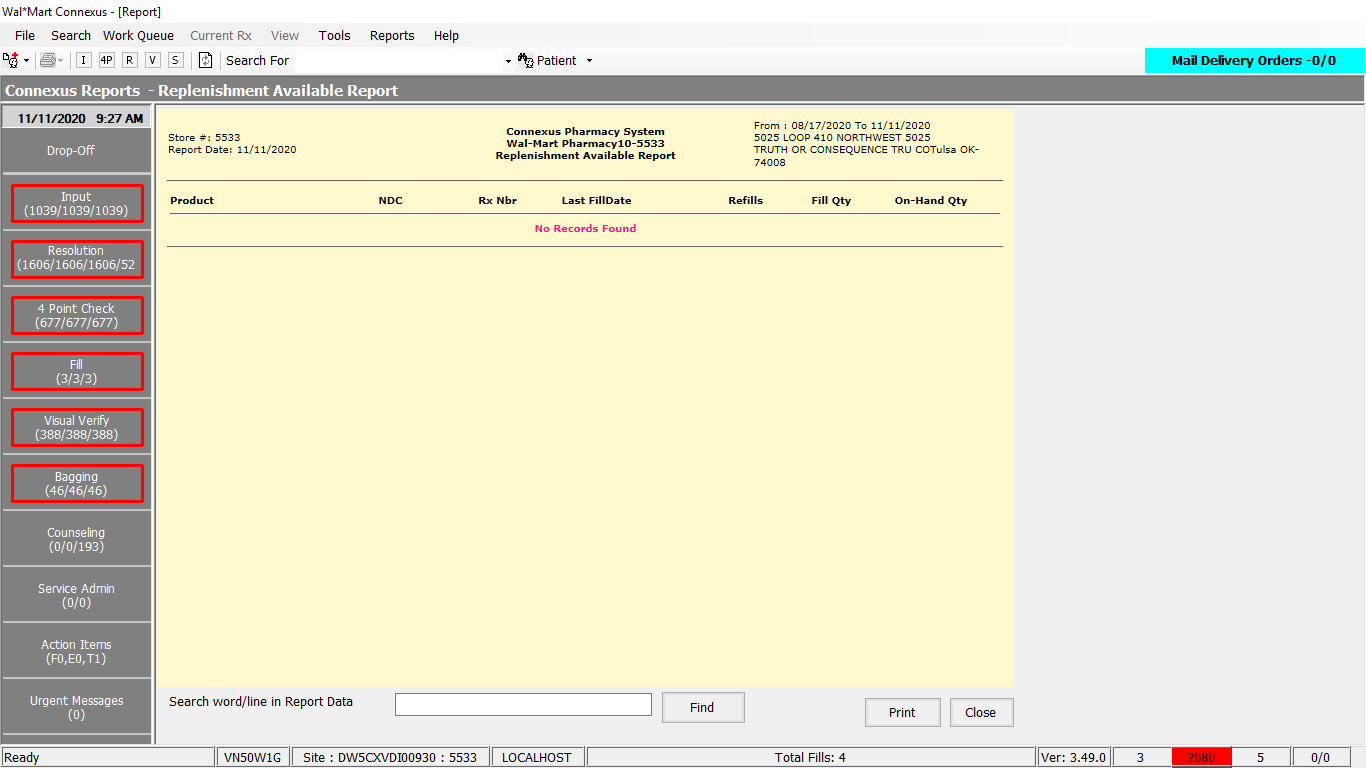


Response:

With “Include Rx level details” not checked:



With “Include Rx level details” checked:



Query:

Friend Const GetReplenishmentAvailableReportSelect1 As String = "SELECT pp.short\_name, pi.ndc\_nbr, rx.rx\_nbr, rf.fill\_date, CASE WHEN rx.refill\_auth\_code IS NOT NULL THEN 'Y' WHEN rx.refill\_auth\_code IS NULL AND rx.remaining\_qty > 0.0 THEN 'Y' ELSE 'N' END Refills, rf.fill\_qty, pi.on\_hand\_qty FROM pharmacy\_offering:pharmacy\_product pp,pharmacy\_offering:pharmacy\_item pi, rx rx, rx\_fill rf, rx\_fill\_item rfi WHERE rx.rx\_id = rf.rx\_id AND rx.rx\_version\_seq\_nbr = (SELECT MAX(rx1.rx\_version\_seq\_nbr) FROM rx rx1 WHERE rx1.rx\_id = rx.rx\_id) AND rx.rx\_version\_seq\_nbr = rf.rx\_version\_seq\_nbr AND rx.last\_rx\_fill\_id = rf.rx\_fill\_id AND rf.tech\_of\_rec\_userid is not null AND rf.status\_code = 20401 AND rfi.rx\_fill\_id = rf.rx\_fill\_id AND rfi.item\_mds\_fam\_id = pi.mds\_fam\_id AND pi.product\_mds\_fam\_id = pp.product\_mds\_fam\_id AND pi.repl\_type\_code = 6512 AND pi.repl\_status\_code = 6500 AND rf.fill\_date >= ? AND rf.fill\_date <= ? GROUP BY 2, 1, 3, 4, 5, 6, 7 ORDER BY 1, 4 "

Friend Const GetReplenishmentAvailableReportSelect2 As String = " SELECT pp.short\_name, pi.ndc\_nbr, pi.on\_hand\_qty, SUM(rf.fill\_qty) total\_fillqty, COUNT(rx.rx\_nbr) total\_fills FROM pharmacy\_offering:pharmacy\_product pp, pharmacy\_offering:pharmacy\_item pi, rx rx, rx\_fill rf, rx\_fill\_item rfi WHERE rx.rx\_id = rf.rx\_id AND rx.rx\_version\_seq\_nbr = (SELECT MAX(rx1.rx\_version\_seq\_nbr) FROM rx rx1 WHERE rx1.rx\_id = rx.rx\_id) AND rf.tech\_of\_rec\_userid is not null AND rf.status\_code = 20401 AND rfi.rx\_fill\_id = rf.rx\_fill\_id and rfi.item\_mds\_fam\_id = pi.mds\_fam\_id and pi.product\_mds\_fam\_id = pp.product\_mds\_fam\_id and pi.repl\_type\_code = 6512 and pi.repl\_status\_code = 6500 AND rf.fill\_date >= ? AND rf.fill\_date <= ? GROUP BY 2, 1, 3 ORDER BY 1, 2 "

DAL method:

Public Function GetReplenishmentAvailableReport(ByVal siteId As Integer,

ByVal startDate As DateTime,

ByVal endDate As DateTime,

ByVal includeRx As String) \_

As List(Of GetReplenishmentReportInfoBE) Implements IReportDAL.GetReplenishmentAvailableReport

Using (New Tracer(ConnexusCommonConstants.ConnexusTracer))

Dim sqlString As New StringBuilder

Dim getReplenishmentAvailableReprtBEList As New List(Of GetReplenishmentReportInfoBE)

Dim paramList As New List(Of DbParameter)

Select Case includeRx

Case "Y"

sqlString.Append(ReportQueries.GetReplenishmentAvailableReportSelect1)

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

startDate))

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

endDate))

Case "N"

sqlString.Append(ReportQueries.GetReplenishmentAvailableReportSelect2)

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

startDate))

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

endDate))

End Select

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

sqlString.ToString, paramList)

Dim getReplenishmentAvailableRprtBE As New GetReplenishmentReportInfoBE

While dataReader.Read

Select Case includeRx

Case "Y"

getReplenishmentAvailableRprtBE = New GetReplenishmentReportInfoBE

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

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

End If

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

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

End If

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

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

End If

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

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

End If

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

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

End If

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

getReplenishmentAvailableRprtBE.Refills = CStr(dataReader("Refills")).Trim

End If

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

getReplenishmentAvailableRprtBE.OnHandQty = CInt(dataReader("on\_hand\_qty"))

End If

Case "N"

getReplenishmentAvailableRprtBE = New GetReplenishmentReportInfoBE

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

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

End If

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

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

End If

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

getReplenishmentAvailableRprtBE.TotalFills = CInt(dataReader("total\_fills"))

End If

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

getReplenishmentAvailableRprtBE.TotalFillQty = CInt(dataReader("total\_fillqty"))

End If

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

getReplenishmentAvailableRprtBE.OnHandQty = CInt(dataReader("on\_hand\_qty"))

End If

End Select

getReplenishmentAvailableReprtBEList.Add(getReplenishmentAvailableRprtBE)

End While

If getReplenishmentAvailableReprtBEList.Count > 0 Then

Return getReplenishmentAvailableReprtBEList

Else

Return Nothing

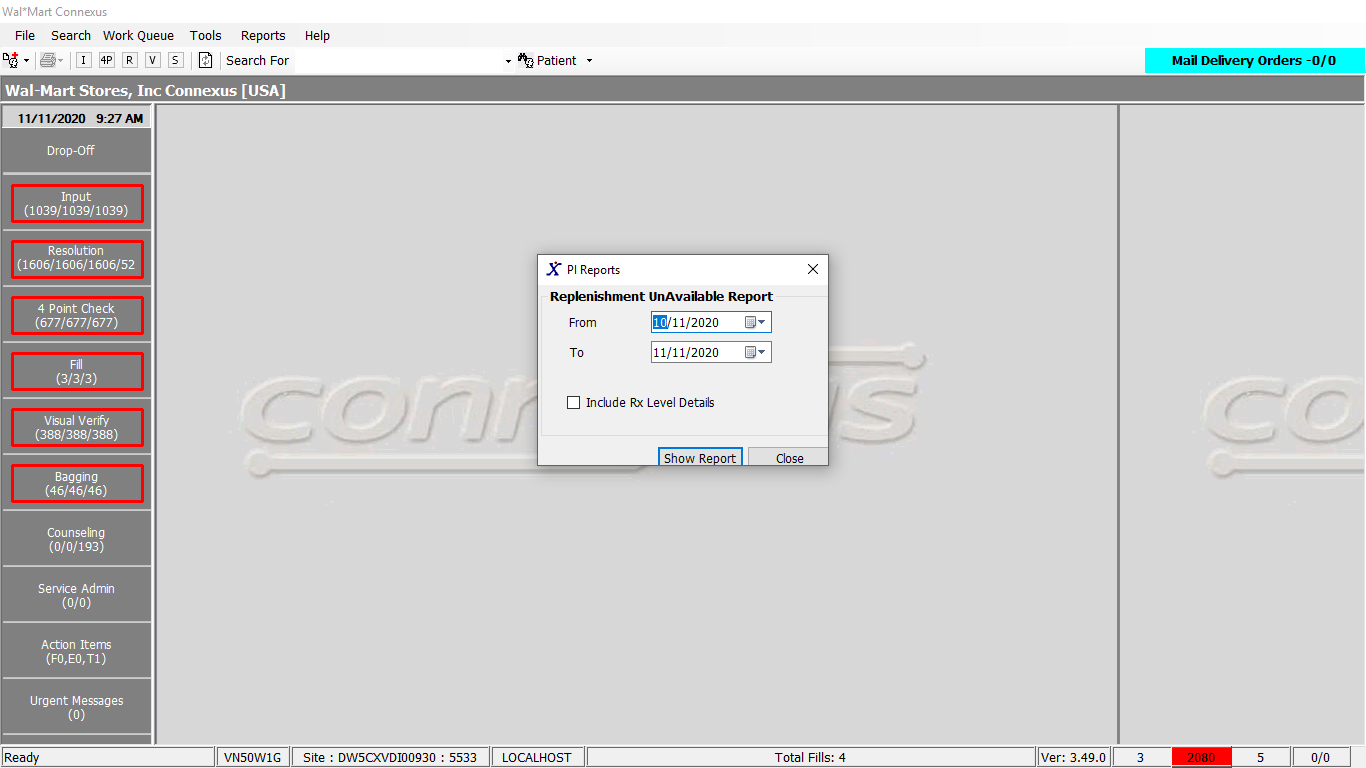
End If

End Using

End Function

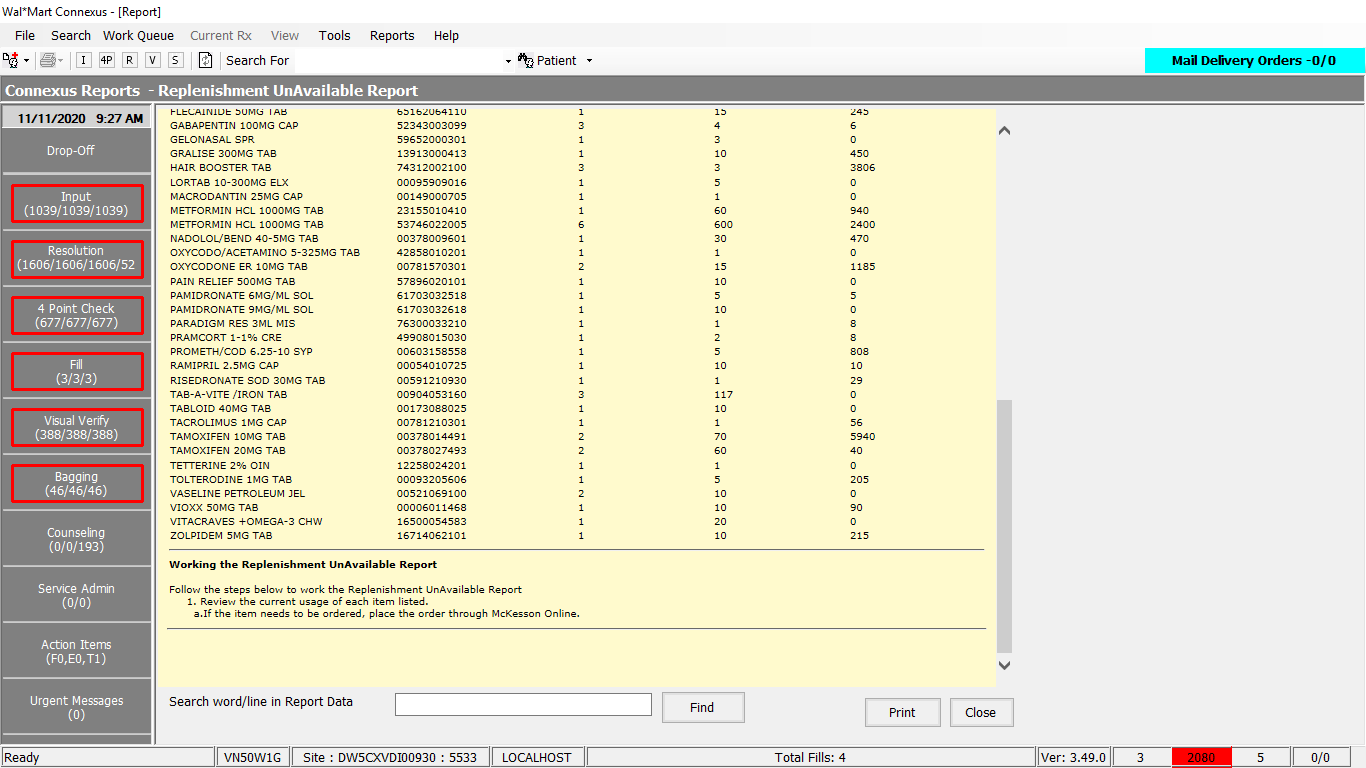
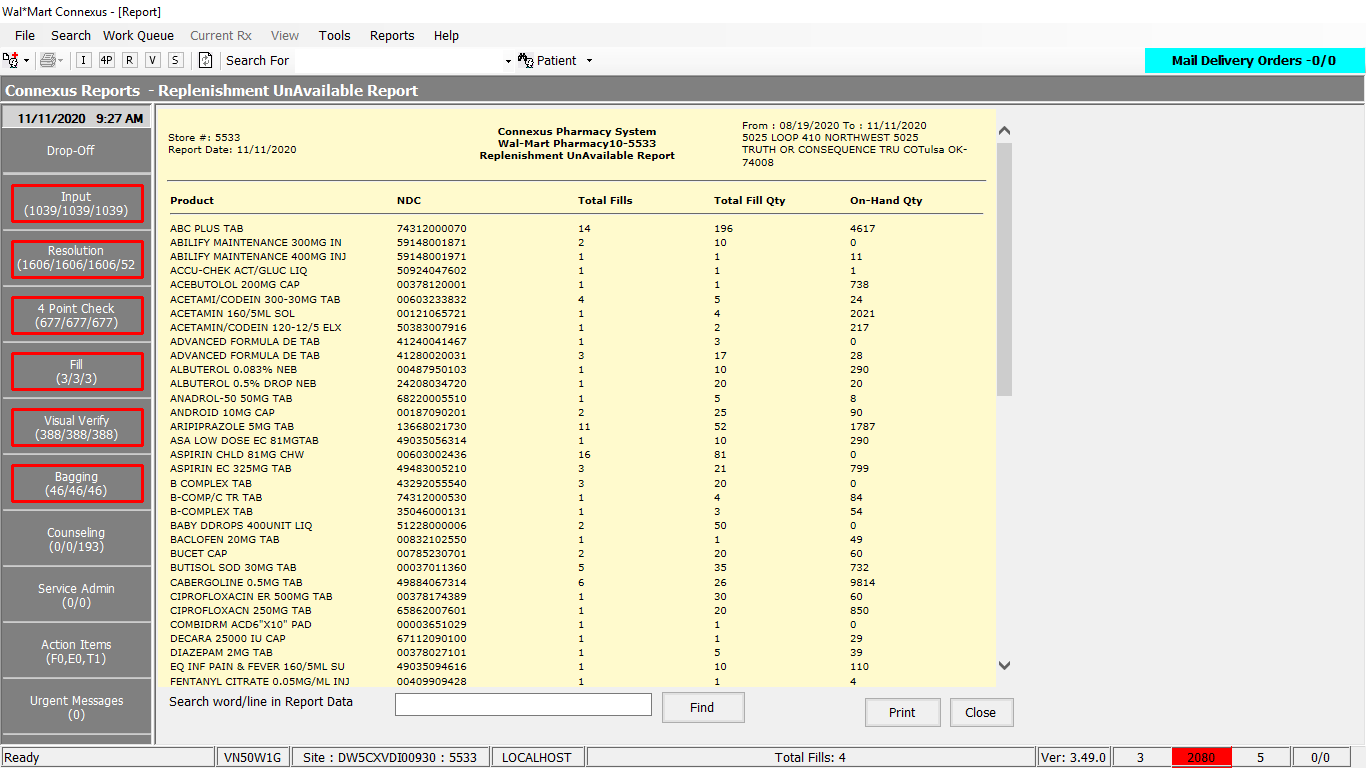
# 13.Reports/Inventory Reports/Replenishment Reports/Replenishment Un Available Report:

Request:

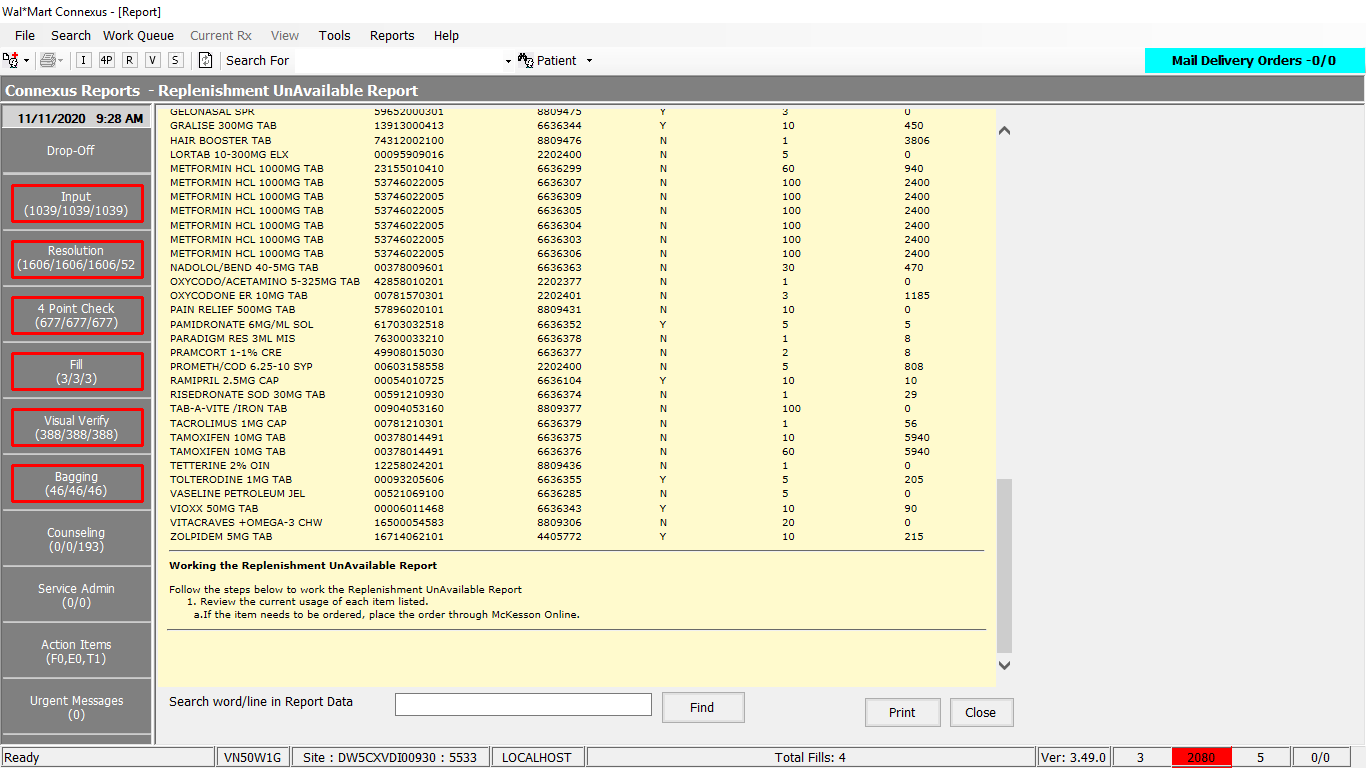
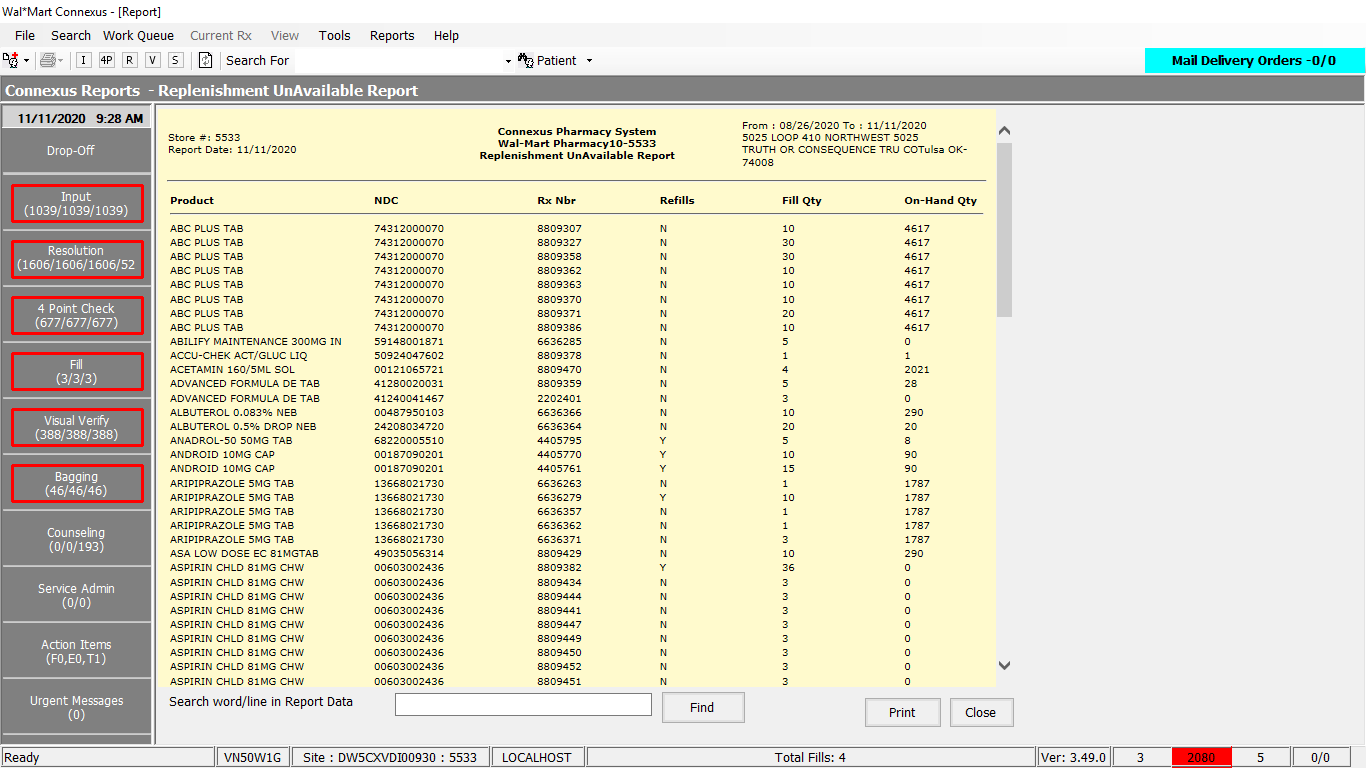


Response:

With “Include Rx Details” not checked:



With “Include Rx Details ” checked:



Query

Friend Const GetReplenishmentUnAvailableReportIncludeRxY As String = " SELECT pp.short\_name, pi.ndc\_nbr, rx.rx\_nbr, rf.fill\_date, CASE WHEN rx.refill\_auth\_code IS NOT NULL THEN 'Y' WHEN rx.refill\_auth\_code IS NULL AND rx.remaining\_qty > 0.0 THEN 'Y' ELSE 'N' END Refills, rf.fill\_qty, pi.on\_hand\_qty FROM pharmacy\_offering:pharmacy\_product pp, pharmacy\_offering:pharmacy\_item pi, rx rx, rx\_fill rf, rx\_fill\_item rfi WHERE rx.rx\_id = rf.rx\_id AND rx.rx\_version\_seq\_nbr = (SELECT MAX(rx1.rx\_version\_seq\_nbr) FROM rx rx1 WHERE rx1.rx\_id = rx.rx\_id) AND rx.rx\_version\_seq\_nbr = rf.rx\_version\_seq\_nbr AND rx.last\_rx\_fill\_id = rf.rx\_fill\_id AND rf.tech\_of\_rec\_userid is not null AND rf.status\_code = 20401 AND rfi.rx\_fill\_id = rf.rx\_fill\_id AND rfi.item\_mds\_fam\_id = pi.mds\_fam\_id AND pi.product\_mds\_fam\_id = pp.product\_mds\_fam\_id AND pi.repl\_type\_code = 6510 "

GetReplenishmentUnAvailableReportIncludeRxN As String = " SELECT pp.short\_name, pi.ndc\_nbr, pi.on\_hand\_qty, SUM(rf.fill\_qty) total\_fill\_qty, COUNT(rx.rx\_nbr) total\_fills FROM pharmacy\_offering:pharmacy\_product pp, pharmacy\_offering:pharmacy\_item pi, rx rx, rx\_fill rf, rx\_fill\_item rfi WHERE rx.rx\_id = rf.rx\_id AND rx.rx\_version\_seq\_nbr = (SELECT MAX(rx1.rx\_version\_seq\_nbr) FROM rx rx1 WHERE rx1.rx\_id = rx.rx\_id) AND rf.tech\_of\_rec\_userid is not null AND rf.status\_code = 20401 AND rfi.rx\_fill\_id = rf.rx\_fill\_id AND rfi.item\_mds\_fam\_id = pi.mds\_fam\_id AND pi.product\_mds\_fam\_id = pp.product\_mds\_fam\_id AND pi.repl\_type\_code = 6510 "

DAL :

Friend Shared Function GetReplenishmentUnAvailableReport \_

(ByVal reporUE As CommonDatePickerUE) As List(Of CommonDatePickerUE)

Using tracer As New Tracer(ConnexusCommonConstants.ConnexusTracer)

Dim resultUE As List(Of CommonDatePickerUE) = Nothing

'Creating proxy,request and response objects for making the service call

Dim reportService As IReport = ProxyManager.GetWCFProxy(Of IReport)()

Dim requestReport As GetReplenishmentUnAvailableReportRequest = New GetReplenishmentUnAvailableReportRequest()

Dim responseReport As GetReplenishmentUnAvailableReportResponse = New GetReplenishmentUnAvailableReportResponse()

With requestReport

.SiteID = ContextManager.SiteId

.EndDate = reporUE.ToDate

.StartDate = reporUE.FromDate

.IncludeRx = reporUE.RxDetailsChecked.ToString()

End With

'Calling Report Service for getting data for Replenishment UnAvailable Report

responseReport = reportService.GetReplenishmentUnAvailableReport(requestReport)

resultUE = New List(Of CommonDatePickerUE)

If responseReport IsNot Nothing AndAlso

responseReport.GetReplenishmentReportInfo IsNot Nothing Then

resultUE = New List(Of CommonDatePickerUE)

resultUE = responseReport.GetReplenishmentReportInfo.ConvertAll(

Of CommonDatePickerUE)(New Converter(Of

GetReplenishmentReportInfoBE, CommonDatePickerUE) \_

(AddressOf ReportMapper.ConvertToReplenishmentUnAvailableUE))

End If

Return resultUE

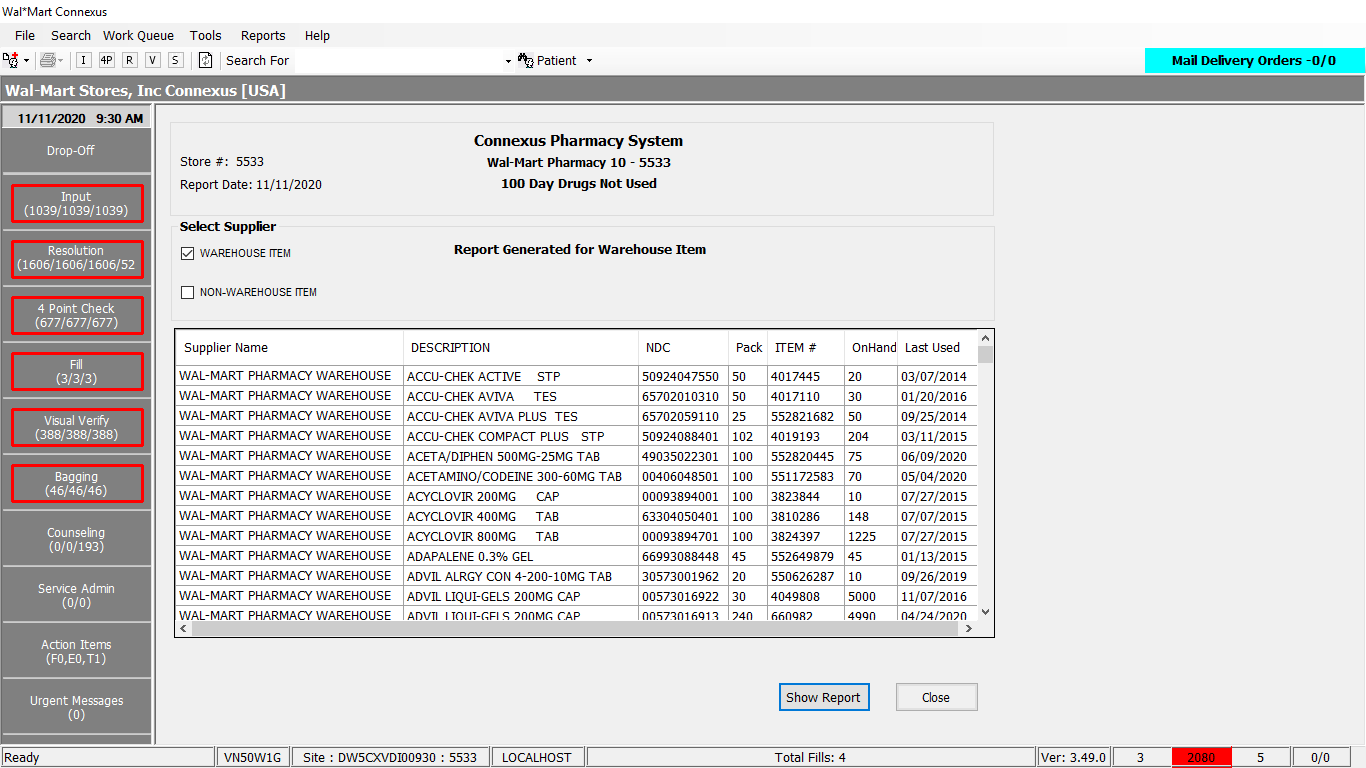
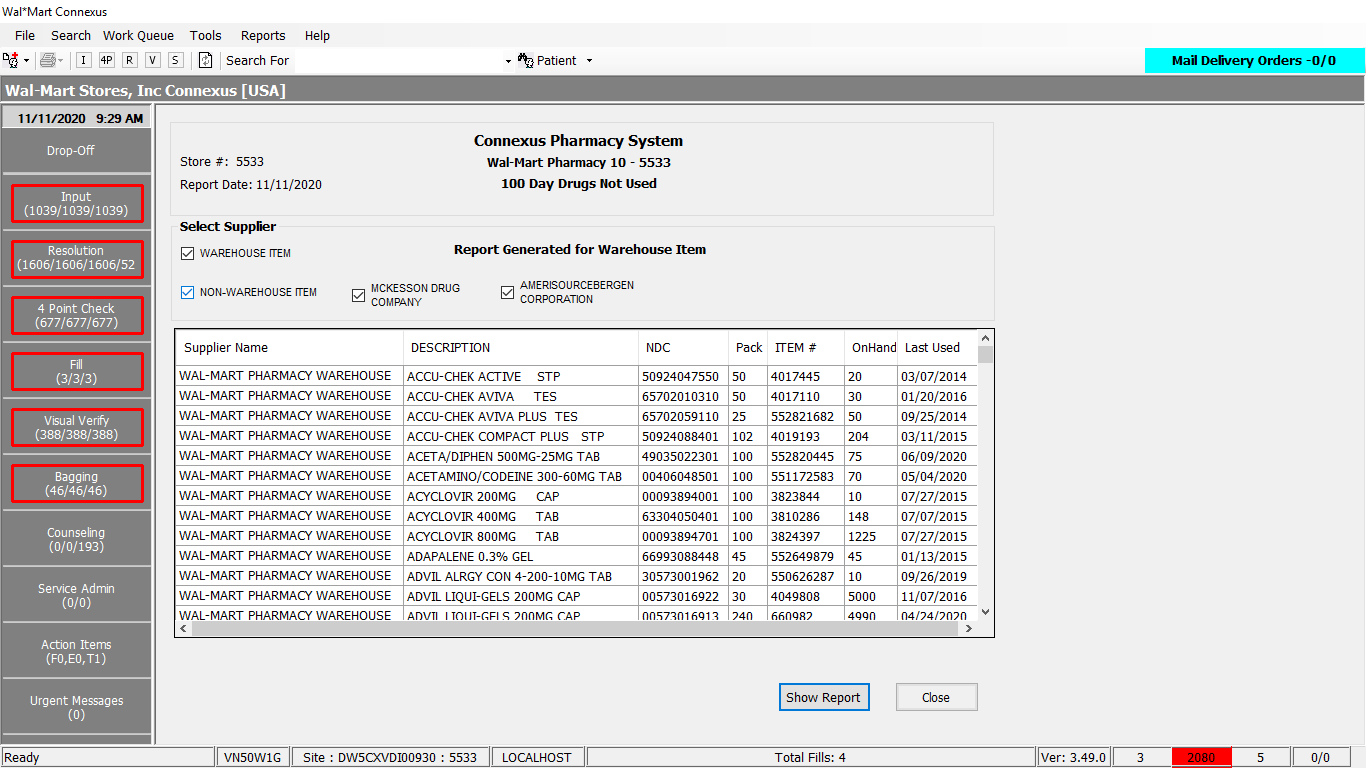
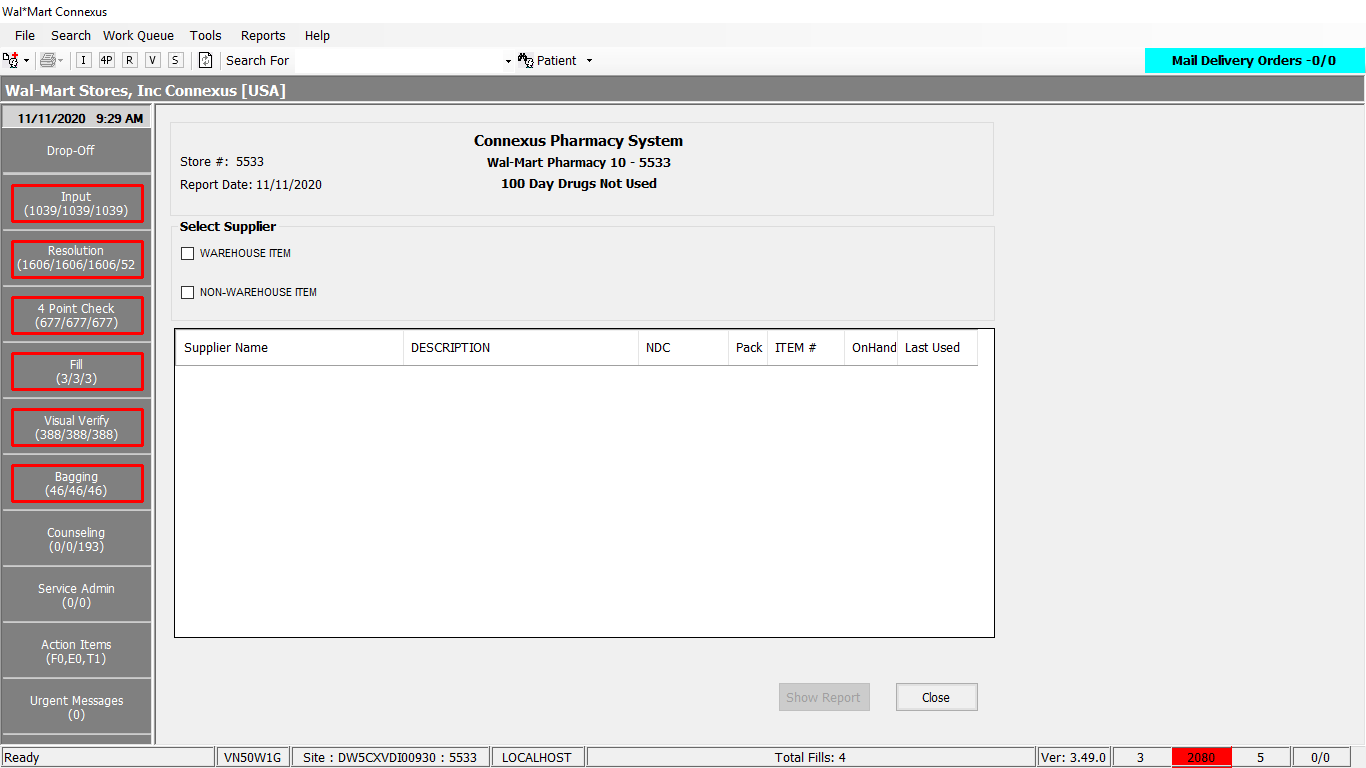
End Using

End Function

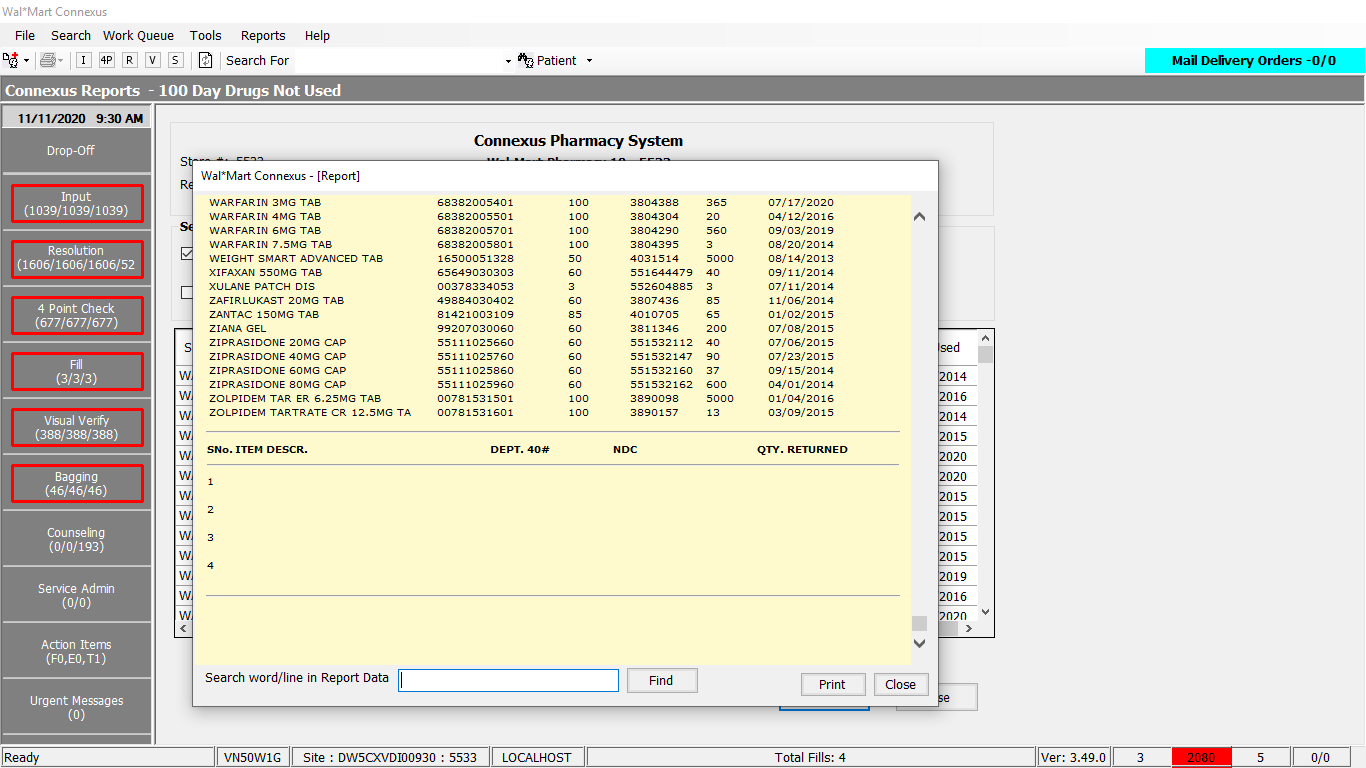
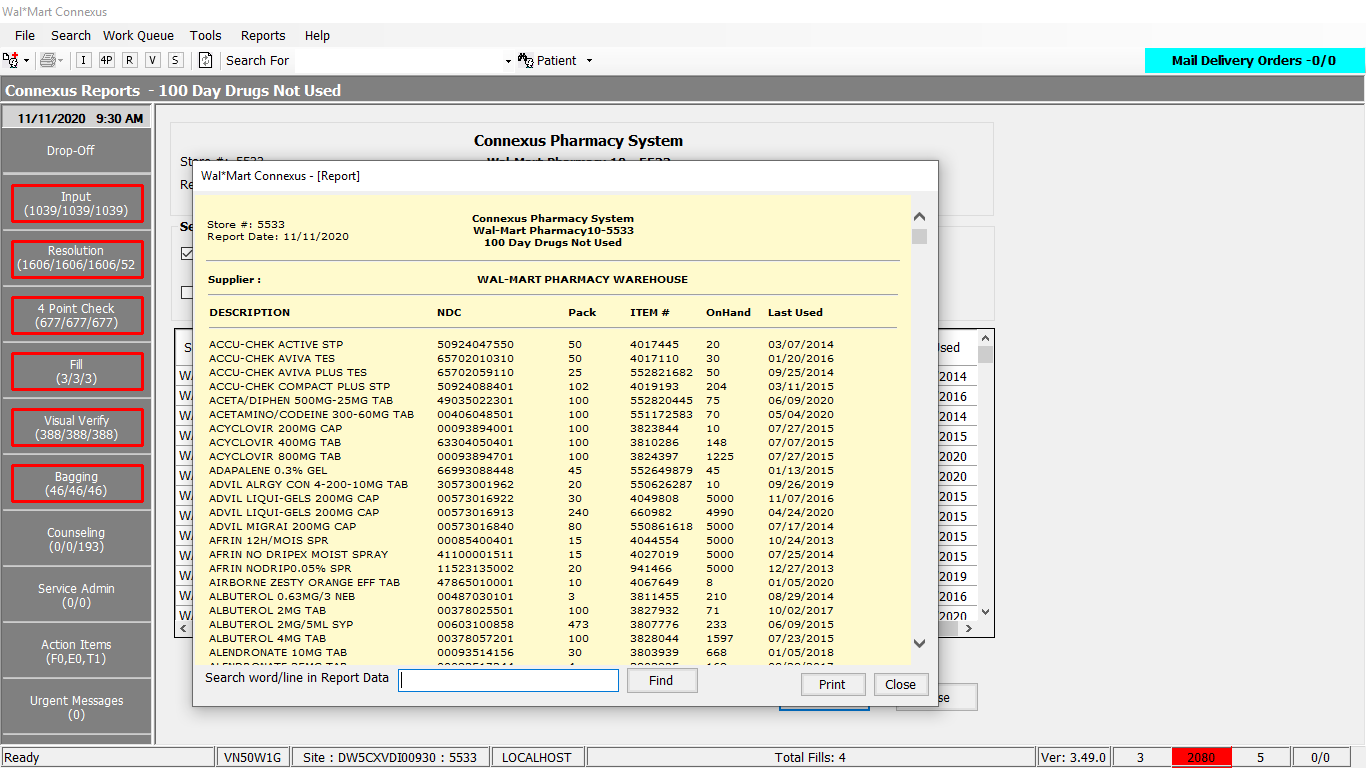
# 14. Reports/Inventory Reports/100 days Drugs not used:

Request:

(Took screen shots for different situations)



Response:



Query

Explicit query is not there ,it is embedded in DAL method

DAL Layer

Public Function GetDrugLast100DaysNotUsed(ByVal siteId As Integer,

ByVal wareHouseItemIndicator As Integer,

ByVal nonWareHouseItemIndicator As Integer) \_

As List(Of GetDrugLast100DaysNotUsedInfoBE) Implements IReportDAL.GetDrugLast100DaysNotUsed

Using (New Tracer(ConnexusCommonConstants.ConnexusTracer))

'Declare the method variables

Dim sqlString As New StringBuilder

Dim partialSql As New StringBuilder

Dim getDrgLast100DaysNotUsedInfoBEList As New List(Of GetDrugLast100DaysNotUsedInfoBE)

If Not (wareHouseItemIndicator <> 0 And nonWareHouseItemIndicator <> 0) Then

If wareHouseItemIndicator <> 0 Then

partialSql.Append(" IN (" & wareHouseItemIndicator & "," &

nonWareHouseItemIndicator & ")")

Else

partialSql.Append(" NOT IN (" & ServicesCommonConstants.WareHouseItem & ")")

End If

End If

sqlString.Append("SELECT pp.short\_name, pi.ndc\_nbr,pi.inner\_pack\_qty,")

sqlString.Append(" pir.supplier\_ref\_nbr, pi.on\_hand\_qty, ")

sqlString.Append(" CASE WHEN pi.last\_dispense\_date IS NOT NULL THEN ")

'Modified by Infosys for QA40 - Service Reconciliation

If CacheWrapperDal.GetActiveCountryCode = ServicesCommonConstants.USACC Then

sqlString.Append(" to\_char(pi.last\_dispense\_date,'%m/%d/%iY') ")

sqlString.Append(" ELSE to\_char(pi.last\_change\_ts,'%m/%d/%iY') ")

ElseIf CacheWrapperDal.GetActiveCountryCode = ServicesCommonConstants.CanadaCC Then

sqlString.Append(" to\_char(pi.last\_dispense\_date,'%d/%m/%iY') ")

sqlString.Append(" ELSE to\_char(pi.last\_change\_ts,'%d/%m/%iY') ")

End If

'End of Changes

sqlString.Append(" END last\_dispense\_date, pir.phm\_co\_id ")

sqlString.Append(" FROM pharmacy\_item pi,")

sqlString.Append(" pharmacy\_product pp, ")

sqlString.Append(" phm\_item\_repl pir, ")

sqlString.Append(" rx21c:phm\_company pc ")

sqlString.Append(" WHERE pi.product\_mds\_fam\_id = pp.product\_mds\_fam\_id ")

sqlString.Append(" AND on\_hand\_qty > 0 ")

sqlString.Append(" AND pi.mds\_fam\_id = pir.mds\_fam\_id ")

sqlString.Append(" AND pir.pri\_supplier\_ind = 'Y' ")

sqlString.Append(" AND pi.status\_code = " & ServicesCommonConstants.PhmItemAct)

sqlString.Append(" AND pp.status\_code = " & ServicesCommonConstants.PhmProdAct)

sqlString.Append(" AND pir.mds\_fam\_id = pi.mds\_fam\_id ")

sqlString.Append(" AND pc.phm\_co\_id = pir.phm\_co\_id ")

sqlString.Append(" AND DATE(CASE WHEN pi.last\_dispense\_date IS NOT NULL THEN ")

sqlString.Append(" to\_char(pi.last\_dispense\_date,'%m/%d/%iY') ")

sqlString.Append(" ELSE to\_char(pi.last\_change\_ts,'%m/%d/%iY') END) ")

sqlString.Append(" < (TODAY - 100 UNITS DAY) ")

If Not (wareHouseItemIndicator <> 0 And nonWareHouseItemIndicator <> 0) Then \_

sqlString.Append(" AND pc.phm\_co\_id ")

sqlString.Append(partialSql)

sqlString.Append(" ORDER BY pir.phm\_co\_id,pp.short\_name ")

Dim dataReader As IDataReader = ExecuteReader(DatabaseEnum.Pharmacy\_Offering,

siteId, sqlString.ToString)

Dim getDrglast100DaysNotUsedBE As GetDrugLast100DaysNotUsedInfoBE

While dataReader.Read

getDrglast100DaysNotUsedBE = New GetDrugLast100DaysNotUsedInfoBE

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

getDrglast100DaysNotUsedBE.InnerPackQty = CInt(dataReader("inner\_pack\_qty"))

End If

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

getDrglast100DaysNotUsedBE.LastDispenseDate = CStr(dataReader("last\_dispense\_date")).Trim

End If

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

getDrglast100DaysNotUsedBE.NdcNbr = CStr(dataReader("ndc\_nbr")).Trim

End If

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

getDrglast100DaysNotUsedBE.OnHandQty = CInt(dataReader("on\_hand\_qty"))

End If

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

getDrglast100DaysNotUsedBE.PhmCoId = CInt(dataReader("phm\_co\_id"))

End If

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

getDrglast100DaysNotUsedBE.ShortName = CStr(dataReader("short\_name")).Trim

End If

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

getDrglast100DaysNotUsedBE.SupplierRefNbr = CStr(dataReader("supplier\_ref\_nbr")).Trim

End If

'Add the BE to the BEList

getDrgLast100DaysNotUsedInfoBEList.Add(getDrglast100DaysNotUsedBE)

End While

If getDrgLast100DaysNotUsedInfoBEList.Count > 0 Then

Return getDrgLast100DaysNotUsedInfoBEList

Else

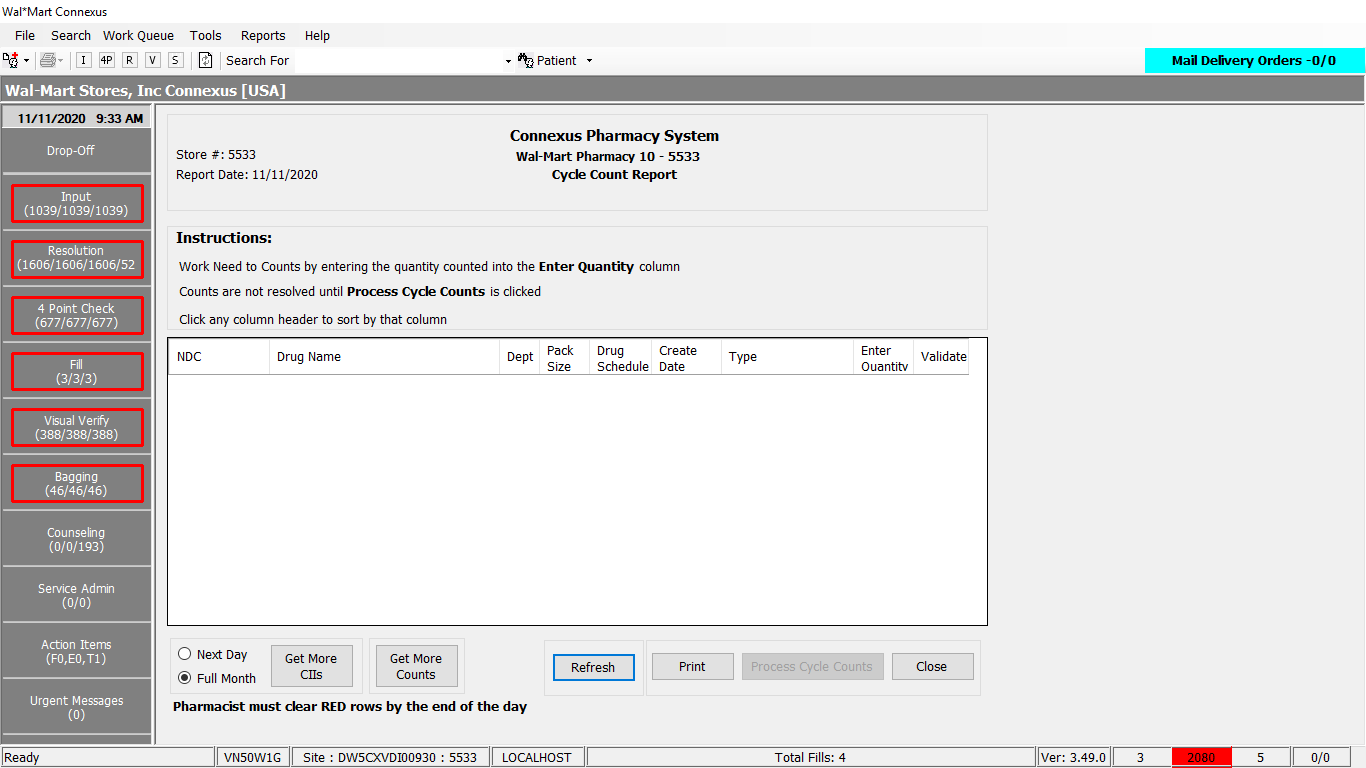
Return Nothing

End If

End Using

End Function

# 15. Reports/Inventory Reports/Cycle Count Report:



Note: Could not fetch data and by looking (intuitive) there is not response sheet.

Queries:

  Public Const GetCycleCountItemsQuery As String = "  SELECT ndc\_nbr, short\_name, dept\_nbr, create\_ts, PackSize, drug\_control\_abbr, " &

                                                " on\_hand\_qty, mds\_fam\_id, drug\_control\_code, count\_reason\_code, count\_role\_code," &

                                                " count\_cycle\_id, problem\_seq\_nbr, last\_change\_ts, count\_reason\_desc,priority\_nbr FROM " &

                                                " ( SELECT  \*, ROW\_NUMBER() OVER (PARTITION BY mds\_fam\_id ORDER BY priority\_nbr,count\_reason\_code desc) As ROWNUMBER FROM " &

                                                " ( SELECT pi.ndc\_nbr, pp.short\_name,pi.dept\_nbr, max(pip.create\_ts) as create\_ts, " &

                                                " (pi.outer\_pack\_qty\* pi.inner\_pack\_qty) PackSize, dct.drug\_control\_abbr, " &

                                                " pi.on\_hand\_qty , pi.mds\_fam\_id, pp.drug\_control\_code, pip.count\_reason\_code, " &

                                                " case " &

                                                " when count\_role\_code is null then " &

                                                " case " &

                                                " when pp.drug\_control\_code = 2300 then 3030 " &

                                                " else 3000 end " &

                                                " else count\_role\_code " &

                                                " end as count\_role\_code, " &

                                                " count\_cycle\_id, pip.problem\_seq\_nbr, pi.last\_change\_ts, icrt.count\_reason\_desc, " &

                                                "  case when priority\_nbr is null then 5000 else priority\_nbr end as priority\_nbr " &

                                                " FROM pharmacy\_product pp, " &

                                                " pharmacy\_item pi, drug\_control\_text dct, phm\_item\_problem pip " &

                                                " LEFT OUTER JOIN pharmacy\_offering:item\_count\_reason\_txt icrt On pip.count\_reason\_code=icrt.count\_reason\_code " &

                                                " WHERE pi.mds\_fam\_id = pip.mds\_fam\_id " &

                                                " AND pi.product\_mds\_fam\_id = pp.product\_mds\_fam\_id " &

                                                " AND dct.drug\_control\_code = pp.drug\_control\_code " &

                                                " AND problem\_type\_code = 9001 " &

                                                " AND problem\_stat\_code = 6320 " &

                                                " AND (count\_role\_code <= ? or (count\_role\_code is null and ((? = 3000 and pp.drug\_control\_code > 2300) or (? = 3030 and pp.drug\_control\_code >= 2300)))) " &

                                                " GROUP BY ndc\_nbr, short\_name,dept\_nbr, packsize, drug\_control\_abbr, on\_hand\_qty, mds\_fam\_id, " &

                                                " drug\_control\_code, count\_reason\_code, count\_role\_code, count\_cycle\_id, priority\_nbr, problem\_seq\_nbr, last\_change\_ts, count\_reason\_desc " &

                                                " ORDER BY priority\_nbr, create\_ts, case count\_reason\_code when 2011 then 10 else 9 end, drug\_control\_code, short\_name " &

                                                " )ORDER BY priority\_nbr) WHERE ROWNUMBER = 1"

Public Const GenerateC2CycleCount = "call spcyclecountgenerator(?,?);"

  Public Const UpdateNeedToCountStatus As String = "UPDATE phm\_item\_problem SET problem\_stat\_code = ?, resolved\_ts = current, resolved\_userid = ? " &

                                                         " WHERE mds\_fam\_id = ? " &

                                                         "   AND problem\_stat\_code IN (6320, 6322) " &

                                                          "   AND problem\_type\_code = 9001 "

Public Const GetCycleCountItemsQuery As String = "  SELECT ndc\_nbr, short\_name, dept\_nbr, create\_ts, PackSize, drug\_control\_abbr, " &

                                                " on\_hand\_qty, mds\_fam\_id, drug\_control\_code, count\_reason\_code, count\_role\_code," &

                                                " count\_cycle\_id, problem\_seq\_nbr, last\_change\_ts, count\_reason\_desc,priority\_nbr FROM " &

                                                " ( SELECT  \*, ROW\_NUMBER() OVER (PARTITION BY mds\_fam\_id ORDER BY priority\_nbr,count\_reason\_code desc) As ROWNUMBER FROM " &

                                                " ( SELECT pi.ndc\_nbr, pp.short\_name,pi.dept\_nbr, max(pip.create\_ts) as create\_ts, " &

                                                " (pi.outer\_pack\_qty\* pi.inner\_pack\_qty) PackSize, dct.drug\_control\_abbr, " &

                                                " pi.on\_hand\_qty , pi.mds\_fam\_id, pp.drug\_control\_code, pip.count\_reason\_code, " &

                                                " case " &

                                                " when count\_role\_code is null then " &

                                                " case " &

                                                " when pp.drug\_control\_code = 2300 then 3030 " &

                                                " else 3000 end " &

                                                " else count\_role\_code " &

                                                " end as count\_role\_code, " &

                                                " count\_cycle\_id, pip.problem\_seq\_nbr, pi.last\_change\_ts, icrt.count\_reason\_desc, " &

                                                "  case when priority\_nbr is null then 5000 else priority\_nbr end as priority\_nbr " &

                                                " FROM pharmacy\_product pp, " &

                                                " pharmacy\_item pi, drug\_control\_text dct, phm\_item\_problem pip " &

                                                " LEFT OUTER JOIN pharmacy\_offering:item\_count\_reason\_txt icrt On pip.count\_reason\_code=icrt.count\_reason\_code " &

                                                " WHERE pi.mds\_fam\_id = pip.mds\_fam\_id " &

                                                " AND pi.product\_mds\_fam\_id = pp.product\_mds\_fam\_id " &

                                                " AND dct.drug\_control\_code = pp.drug\_control\_code " &

                                                " AND problem\_type\_code = 9001 " &

                                                " AND problem\_stat\_code = 6320 " &

                                                " AND (count\_role\_code <= ? or (count\_role\_code is null and ((? = 3000 and pp.drug\_control\_code > 2300) or (? = 3030 and pp.drug\_control\_code >= 2300)))) " &

                                                " GROUP BY ndc\_nbr, short\_name,dept\_nbr, packsize, drug\_control\_abbr, on\_hand\_qty, mds\_fam\_id, " &

                                                " drug\_control\_code, count\_reason\_code, count\_role\_code, count\_cycle\_id, priority\_nbr, problem\_seq\_nbr, last\_change\_ts, count\_reason\_desc " &

                                                " ORDER BY priority\_nbr, create\_ts, case count\_reason\_code when 2011 then 10 else 9 end, drug\_control\_code, short\_name " &

                                                " )ORDER BY priority\_nbr) WHERE ROWNUMBER = 1"

DAL

Public Function GetCycleCountInfo(ByVal siteId As Integer, ByVal role As Integer) As List(Of CycleCountItemBE) Implements IItemDAL.GetCycleCountInfo

Using (New Tracer(ConnexusCommonConstants.ConnexusTracer))

Dim IsZippoEnabled As String = BaseDAL.GetBUPhmParm(siteId, BuPhmParmCode.ZippoFlag)

Dim cycleCountInfo As New List(Of CycleCountItemBE)

Dim paramList As New List(Of DbParameter)

Dim querySQL As New StringBuilder

Dim countRoleCode As Integer = 3000

If role = CycleCountRole.Pharmacist Then

countRoleCode = 3030

Else

countRoleCode = 3000

End If

paramList.AddParameter(DbType.Int16, countRoleCode)

paramList.AddParameter(DbType.Int16, countRoleCode)

paramList.AddParameter(DbType.Int16, countRoleCode)

querySQL.Append(DataAccess.ItemQueries.GetCycleCountItemsQuery)

Using dr As IDataReader = ExecuteReader(DatabaseEnum.Pharmacy\_Offering, siteId, querySQL.ToString, paramList)

'Retrieve data from datareader to data entity

While dr.Read

Dim countInfo As New CycleCountItemBE

With countInfo

.NDC = dr.GetValueOrDefault(Of String)("ndc\_nbr").SafeTrim

.Description = dr.GetValueOrDefault(Of String)("short\_name").SafeTrim

.Dept\_Nbr = dr.GetValueOrDefault(Of Int16)("dept\_nbr")

.CreateDate = Convert.ToDateTime(dr.GetValueOrDefault(Of DateTime?)("create\_ts")).Date

.Pack\_Size = SafeConvert.ToInteger32(dr.GetValueOrDefault(Of Decimal)("PackSize"))

.Drug\_Schedule = dr.GetValueOrDefault(Of String)("drug\_control\_abbr").SafeTrim

.OnHandQuantity = dr.GetValueOrDefault(Of Decimal)("on\_hand\_qty")

.MdsfamId = dr.GetValueOrDefault(Of Integer)("mds\_fam\_id")

.DrugControl\_Code = dr.GetValueOrDefault(Of Int16)("drug\_control\_code")

.CountReason\_Code = dr.GetValueOrDefault(Of Int16)("count\_reason\_code")

If SafeConvert.ToBoolean(IsZippoEnabled) Then

.IsZippoEnabled = True

Else

.IsZippoEnabled = False

End If

.Count\_Cycle\_Id = dr.GetValueOrDefault(Of Integer)("count\_cycle\_id")

.Count\_Role\_Code = dr.GetValueOrDefault(Of Integer)("count\_role\_code")

.Priority\_Nbr = dr.GetValueOrDefault(Of Integer)("priority\_nbr")

.Update\_CountRoleCode = False

.ProblemSeqNbr = dr.GetValueOrDefault(Of Int16)("problem\_seq\_nbr")

.CountReasonDesc = dr.GetValueOrDefault(Of String)("count\_reason\_desc").SafeTrim

.last\_change\_ts = Convert.ToDateTime(dr.GetValueOrDefault(Of DateTime?)("last\_change\_ts")).Date

End With

cycleCountInfo.Add(countInfo)

End While

Return cycleCountInfo

End Using

End Using

End Function

Public Function GenerateCycleCount(ByVal siteId As Integer, ByVal isFullMonthSelected As Boolean, ByVal RequestType As Integer) As Integer Implements IItemDAL.GenerateCycleCount

Using (New Tracer(ConnexusCommonConstants.ConnexusTracer))

Dim paramList As New List(Of DbParameter)

Dim c2CycleCountGenResult As Integer

Try

'1001 - Generates C2 cycle count

'1000 - Genrates Non C2 Cycle Count

paramList.AddParameter(DbType.Int32, RequestType, "GenerateRequestType")

paramList.AddParameter(DbType.Boolean, isFullMonthSelected, "full\_month")

'Calling stored Procedure spcyclecountgenerator

Using dr As IDataReader = ExecuteReader(DatabaseEnum.Pharmacy\_Offering, siteId, ItemQueries.GenerateC2CycleCount, paramList)

If dr.Read Then

c2CycleCountGenResult = dr.GetValueOrDefault(Of Integer)(0)

End If

End Using

Catch ex As Exception

'There is an exception in generating the C2 Cycle count.

c2CycleCountGenResult = -1

End Try

'return\_code=-1 if there is an error

'return\_code = 0 if items are generated as expected

'return\_code = 1 if all the items have been counted this month

Return c2CycleCountGenResult

End Using

End Function

Public Sub UpdateNeedToCountStatus(ByVal siteId As Integer, ByVal itemMdsFamId As Integer,

ByVal statusCode As Integer, ByVal userId As String) Implements IItemDAL.UpdateNeedToCountStatus

Using (New Tracer(ConnexusCommonConstants.ConnexusTracer))

Dim paramList As New List(Of DbParameter)

paramList.AddParameter(DbType.Int32, statusCode)

paramList.AddParameter(DbType.String, userId)

paramList.AddParameter(DbType.Int32, itemMdsFamId)

If itemMdsFamId > 0 Then

ExecuteNonQuery(DatabaseEnum.Pharmacy\_Offering, siteId, ItemQueries.UpdateNeedToCountStatus, paramList)

End If

End Using

End Sub

Public Function GetCycleCountInfo(ByVal siteId As Integer, ByVal role As Integer) As List(Of CycleCountItemBE) Implements IItemDAL.GetCycleCountInfo

Using (New Tracer(ConnexusCommonConstants.ConnexusTracer))

Dim IsZippoEnabled As String = BaseDAL.GetBUPhmParm(siteId, BuPhmParmCode.ZippoFlag)

Dim cycleCountInfo As New List(Of CycleCountItemBE)

Dim paramList As New List(Of DbParameter)

Dim querySQL As New StringBuilder

Dim countRoleCode As Integer = 3000

If role = CycleCountRole.Pharmacist Then

countRoleCode = 3030

Else

countRoleCode = 3000

End If

paramList.AddParameter(DbType.Int16, countRoleCode)

paramList.AddParameter(DbType.Int16, countRoleCode)

paramList.AddParameter(DbType.Int16, countRoleCode)

querySQL.Append(DataAccess.ItemQueries.GetCycleCountItemsQuery)

Using dr As IDataReader = ExecuteReader(DatabaseEnum.Pharmacy\_Offering, siteId, querySQL.ToString, paramList)

'Retrieve data from datareader to data entity

While dr.Read

Dim countInfo As New CycleCountItemBE

With countInfo

.NDC = dr.GetValueOrDefault(Of String)("ndc\_nbr").SafeTrim

.Description = dr.GetValueOrDefault(Of String)("short\_name").SafeTrim

.Dept\_Nbr = dr.GetValueOrDefault(Of Int16)("dept\_nbr")

.CreateDate = Convert.ToDateTime(dr.GetValueOrDefault(Of DateTime?)("create\_ts")).Date

.Pack\_Size = SafeConvert.ToInteger32(dr.GetValueOrDefault(Of Decimal)("PackSize"))

.Drug\_Schedule = dr.GetValueOrDefault(Of String)("drug\_control\_abbr").SafeTrim

.OnHandQuantity = dr.GetValueOrDefault(Of Decimal)("on\_hand\_qty")

.MdsfamId = dr.GetValueOrDefault(Of Integer)("mds\_fam\_id")

.DrugControl\_Code = dr.GetValueOrDefault(Of Int16)("drug\_control\_code")

.CountReason\_Code = dr.GetValueOrDefault(Of Int16)("count\_reason\_code")

If SafeConvert.ToBoolean(IsZippoEnabled) Then

.IsZippoEnabled = True

Else

.IsZippoEnabled = False

End If

.Count\_Cycle\_Id = dr.GetValueOrDefault(Of Integer)("count\_cycle\_id")

.Count\_Role\_Code = dr.GetValueOrDefault(Of Integer)("count\_role\_code")

.Priority\_Nbr = dr.GetValueOrDefault(Of Integer)("priority\_nbr")

.Update\_CountRoleCode = False

.ProblemSeqNbr = dr.GetValueOrDefault(Of Int16)("problem\_seq\_nbr")

.CountReasonDesc = dr.GetValueOrDefault(Of String)("count\_reason\_desc").SafeTrim

.last\_change\_ts = Convert.ToDateTime(dr.GetValueOrDefault(Of DateTime?)("last\_change\_ts")).Date

End With

cycleCountInfo.Add(countInfo)

End While

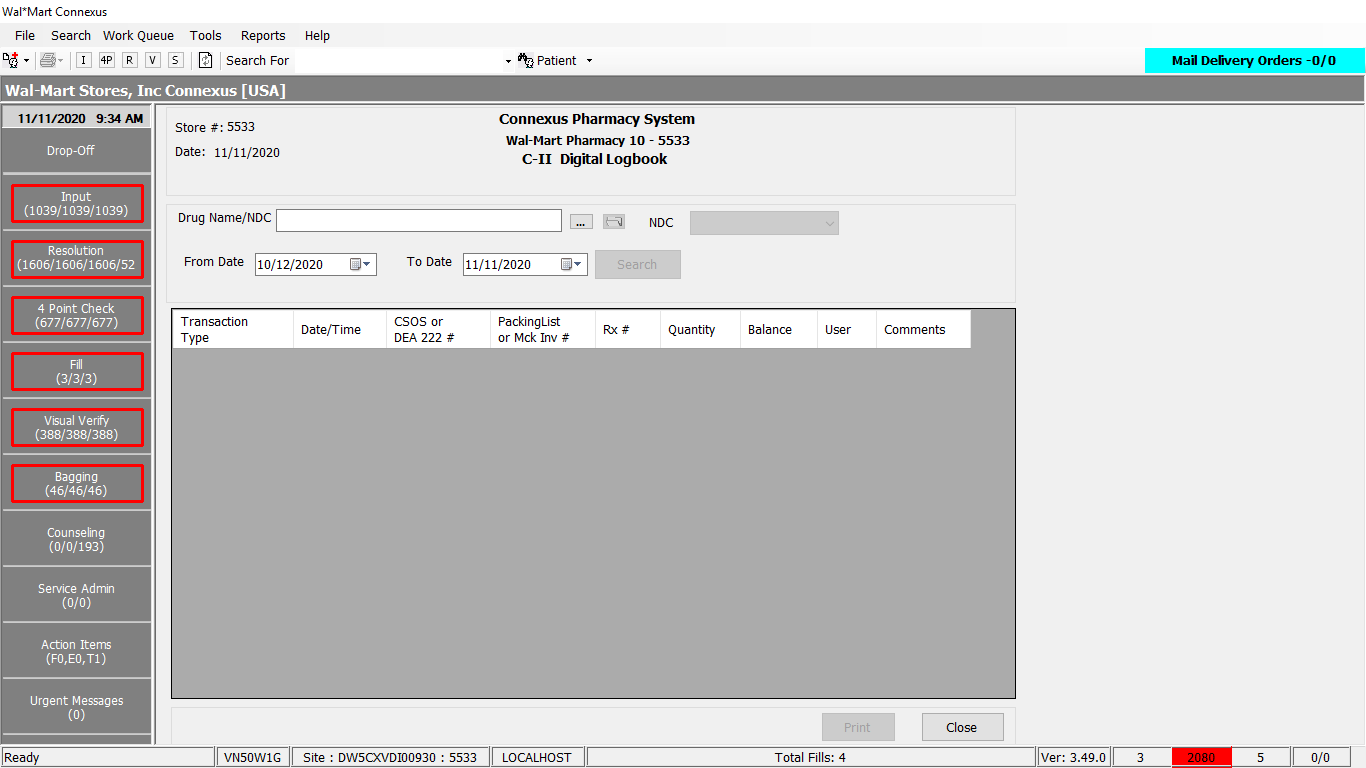
Return cycleCountInfo

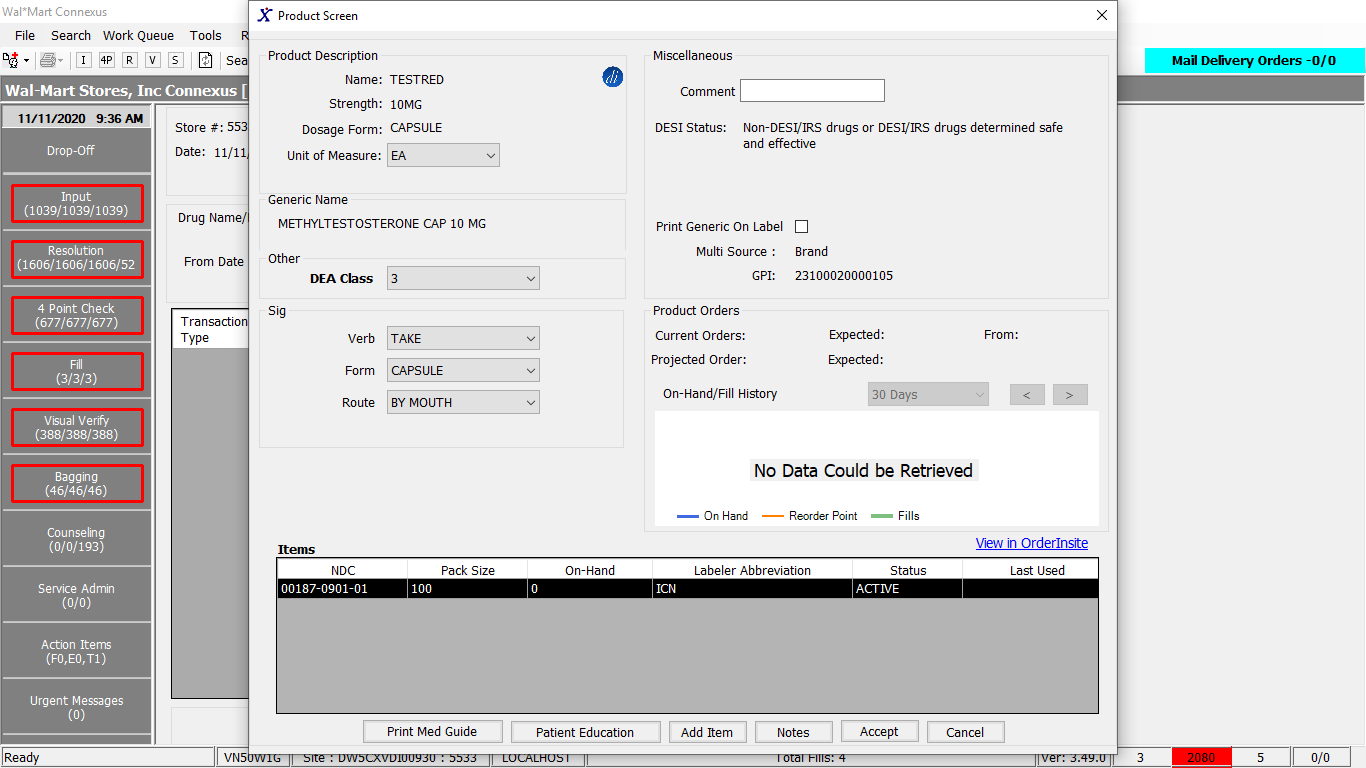
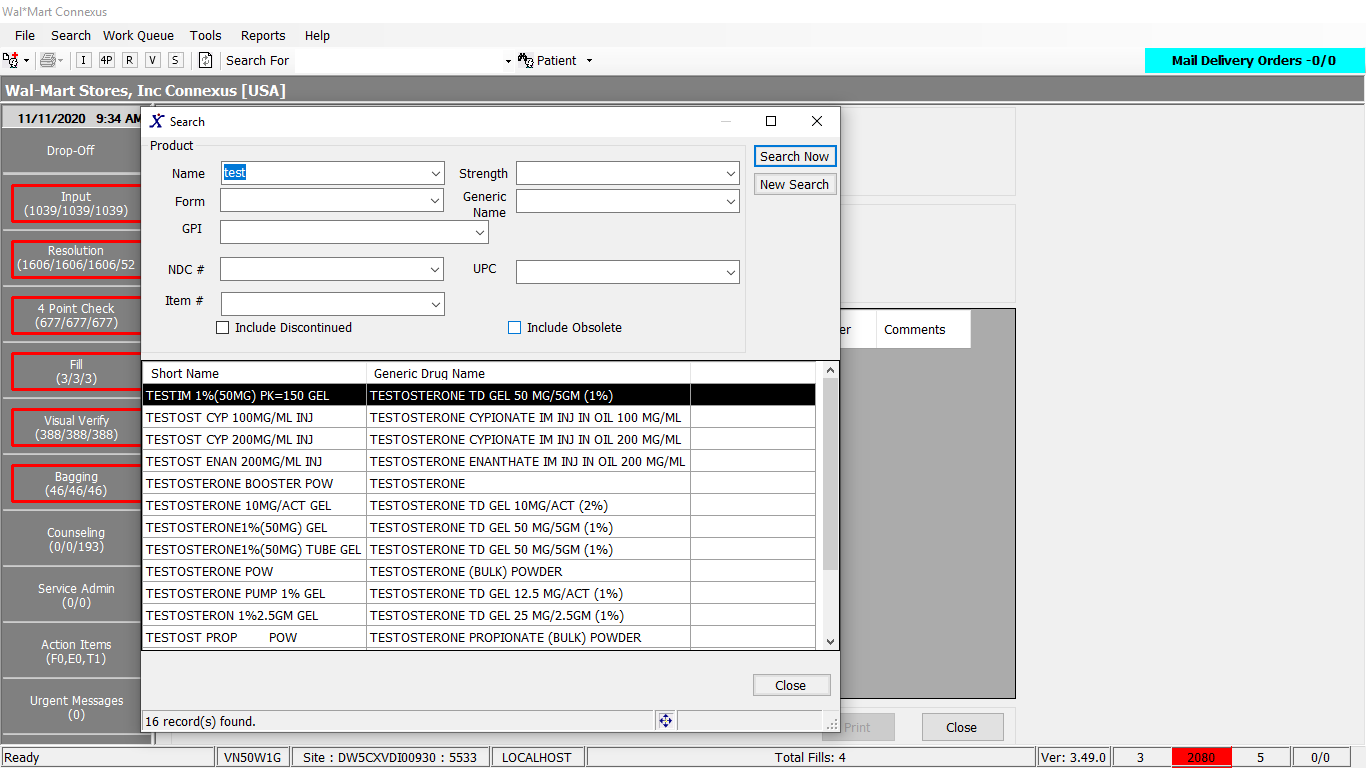
End Using

End Using

End Function

# 16.Reports/Inventory Reports/CII Reports/CII Digital Logbook:





Queries

Public Const C2LogBookInfoForBeacon As String = " SELECT \* FROM " &

" (SELECT CASE WHEN piial.adjmt\_ref\_id Is Not NULL THEN MAX( piial.log\_id ) OVER( " &

" PARTITION BY piial.adjmt\_ref\_id,piial.adjmt\_type\_code)" &

" ELSE piial.log\_id " &

" END AS log\_id, adjmt\_type\_code, " &

" CASE WHEN piial.adjmt\_type\_code = 6603 THEN 'Rx Fill' " &

" WHEN piial.adjmt\_type\_code = 6606 THEN 'Return To Stock' " &

" WHEN piial.adjmt\_type\_code IN(6600,6601) THEN 'CII Order Received' " &

" WHEN piial.adjmt\_type\_code = 6622 THEN 'CII Order Pre-Received' " &

" WHEN piial.adjmt\_type\_code = 6640 THEN 'CII Monthly Audit' " &

" WHEN pip.count\_reason\_code = 2011 THEN 'Back Count' " &

" WHEN pip.count\_reason\_code = 2002 THEN 'Cycle Count from Connexus' " &

" WHEN pip.count\_reason\_code = 2013 THEN 'CII BackCount - RTS' " &

" ELSE pct.code\_desc END AS TransactionType, " &

" CASE WHEN piial.adjmt\_type\_code IN(6600, 6601) THEN DEAOrderJoin.dea\_order\_id " &

" WHEN piial.adjmt\_type\_code IN(6605,6604,6624) " &

" AND piial.adjmt\_rsn\_code IN(2,5) THEN piial.adjmt\_ref\_nbr " &

" ELSE NULL END AS csos\_dea222," &

" CASE WHEN piial.adjmt\_type\_code IN(6600,6601) THEN " &

" CASE WHEN DEAOrderJoin.dc\_nbr > 0 THEN TO\_CHAR(DEAOrderJoin.carton\_nbr) " &

" ELSE DEAOrderJoin.supplier\_invoice\_nbr END ELSE NULL END AS Mckesson, " &

" CASE WHEN piial.adjmt\_type\_code IN(6600,6601) THEN CASE " &

" WHEN DEAOrderJoin.order\_received\_ts IS NULL THEN piial.adjmt\_ts " &

" ELSE DEAOrderJoin.order\_received\_ts END WHEN piial.adjmt\_type\_code NOT IN (6603) THEN piial.adjmt\_ts " &

" ELSE MAX( piial.adjmt\_ts ) OVER( " &

" PARTITION BY piial.adjmt\_ref\_id, piial.adjmt\_type\_code ) END AS Date\_time, " &

" CASE WHEN piial.adjmt\_type\_code IN(6603,6606) THEN rx.rx\_nbr " &

" ELSE NULL END AS RxNbr, " &

" CASE WHEN piial.adjmt\_ref\_id IS NOT NULL THEN SUM( piial.adjmt\_qty ) OVER( " &

" PARTITION BY piial.adjmt\_ref\_id,piial.adjmt\_type\_code)ELSE piial.adjmt\_qty " &

" END AS Quantity,CASE WHEN piial.adjmt\_ref\_id IS NOT NULL THEN MIN( piial.onhand\_qty ) OVER( " &

" PARTITION BY piial.adjmt\_ref\_id,piial.adjmt\_type\_code) ELSE piial.onhand\_qty " &

" END AS Balance, " &

" CASE WHEN piial.adjmt\_type\_code IN(6600,6601) THEN CASE " &

" WHEN DEAOrderJoin.order\_received\_ts IS NULL THEN 'Received' " &

" ELSE DEAOrderJoin.order\_received\_userid END ELSE piial.adjmt\_userid END AS userid, " &

" CASE WHEN piial.adjmt\_rsn\_code IS NOT NULL THEN piarst.adjmt\_rsn\_desc " &

" ELSE NULL END AS comments " &

" FROM pharmacy\_offering:phm\_item\_inv\_adjmt\_log AS piial " &

" INNER JOIN pharmacy\_offering:pharmacy\_item AS pi ON pi.mds\_Fam\_id = piial.mds\_Fam\_id " &

" LEFT OUTER JOIN rx21c:pharmacy\_code\_txt AS pct ON " &

" pct.code\_id = piial.adjmt\_type\_code " &

" LEFT OUTER JOIN pharmacy\_offering:phm\_item\_problem AS pip ON " &

" pip.problem\_seq\_nbr = piial.problem\_seq\_nbr " &

" AND pip.mds\_fam\_id = piial.mds\_fam\_id LEFT OUTER JOIN rx21c:rx\_fill AS rf ON " &

" piial.adjmt\_ref\_id = rf.rx\_fill\_id LEFT OUTER JOIN rx21c:rx AS rx ON " &

" rf.rx\_id = rx.rx\_id LEFT OUTER JOIN pharmacy\_offering:phm\_item\_Adjmt\_rsn\_txt AS piarst ON " &

" piarst.adjmt\_rsn\_code = piial.adjmt\_rsn\_code " &

" LEFT OUTER JOIN(select DISTINCT do.dc\_nbr,doi.mds\_fam\_id,do.dea\_order\_id,do.order\_received\_userid, " &

" do.carton\_nbr,supplier\_invoice\_nbr,order\_received\_ts,DATE(adjmt\_ts) adjmt\_ts " &

" FROM pharmacy\_offering:dea\_order AS do, " &

" pharmacy\_offering:dea\_order\_item AS doi, " &

" pharmacy\_offering:phm\_item\_inv\_adjmt\_log AS piial " &

" WHERE do.dea\_order\_id = doi.dea\_order\_id " &

" AND do.store\_nbr = doi.store\_nbr " &

" AND do.dc\_nbr = doi.dc\_nbr " &

" AND do.div\_nbr = doi.div\_nbr " &

" AND do.carton\_nbr = doi.carton\_nbr " &

" AND DATE(piial.adjmt\_ts) = DATE(do.order\_received\_ts) " &

" AND doi.mds\_fam\_id = piial.mds\_fam\_id " &

" AND doi.mds\_fam\_id = ? " &

" AND DATE(piial.adjmt\_ts) >= ? " &

" AND DATE(piial.adjmt\_ts) <= ? " &

" ) AS DEAOrderJoin ON " &

" CASE WHEN piial.adjmt\_type\_code IN(6600,6601) " &

" AND DEAOrderJoin.mds\_fam\_id = piial.mds\_fam\_id " &

" AND DATE(piial.adjmt\_ts) = DATE(DEAOrderJoin.order\_received\_ts) THEN 1 " &

" ELSE 0 END = 1 " &

" WHERE piial.mds\_fam\_id = ? " &

" AND DATE(piial.adjmt\_ts) >= ? " &

" AND DATE(piial.adjmt\_ts) <= ? " &

" AND NOT piial.adjmt\_type\_code IN(6628) " &

" AND NOT piial.adjmt\_userid = 'RXPAUDIT' ) " &

" GROUP BY log\_id, adjmt\_type\_code,transactiontype,csos\_dea222,mckesson, " &

" date\_time,rxnbr,quantity,balance,userid,comments " &

" ORDER BY log\_id DESC"

Public Const C2LogBookInfo As String = " SELECT distinct piial.log\_id,piial.adjmt\_type\_code, " &

" CASE WHEN piial.adjmt\_type\_code = 6603 THEN 'Rx Fill' " &

" WHEN piial.adjmt\_type\_code = 6606 THEN 'Return To Stock' " &

" WHEN piial.adjmt\_type\_code IN( 6600, 6601 ) THEN 'CII Order Received' " &

" WHEN piial.adjmt\_type\_code = 6622 Then 'CII Order Pre-Received' " &

" WHEN piial.adjmt\_type\_code = 6640 THEN 'CII Monthly Audit' " &

" WHEN pip.count\_reason\_code = 2011 THEN 'Back Count' " &

" WHEN pip.count\_reason\_code = 2002 THEN 'Cycle Count from Connexus' " &

" WHEN pip.count\_reason\_code = 2013 THEN 'CII BackCount - RTS' " &

" ELSE pct.code\_desc END TransactionType, " &

"'' AS csos\_dea222, " &

" '' AS Mckesson, " &

" piial.adjmt\_ts as Date\_time, " &

" CASE WHEN piial.adjmt\_type\_code IN (6603,6606) THEN rx.rx\_nbr ELSE NULL END RxNbr, " &

" piial.adjmt\_qty As Quantity, " &

" piial.onhand\_qty AS Balance, " &

" CASE WHEN piial.adjmt\_type\_code IN (6600,6601) THEN 'RECEIVED' ELSE piial.adjmt\_userid END userid, " &

" CASE WHEN piial.adjmt\_rsn\_code IS NOT NULL THEN piarst.adjmt\_rsn\_desc ELSE NULL END comments " &

" FROM pharmacy\_offering:phm\_item\_inv\_adjmt\_log piial " &

" INNER JOIN pharmacy\_offering:pharmacy\_item pi " &

" ON pi.mds\_Fam\_id = piial.mds\_Fam\_id " &

" LEFT OUTER JOIN rx21c:pharmacy\_code\_txt pct " &

" ON pct.code\_id = piial.adjmt\_type\_code " &

" LEFT OUTER JOIN pharmacy\_offering:phm\_item\_problem pip " &

" ON pip.problem\_seq\_nbr = piial.problem\_seq\_nbr " &

" AND pip.mds\_fam\_id = piial.mds\_fam\_id " &

" LEFT OUTER JOIN rx21c:rx\_fill rf ON piial.adjmt\_ref\_id = rf.rx\_fill\_id " &

" LEFT OUTER JOIN rx21c:rx rx ON rf.rx\_id = rx.rx\_id " &

" LEFT OUTER JOIN pharmacy\_offering:phm\_item\_Adjmt\_rsn\_txt piarst " &

" ON piarst.adjmt\_rsn\_code = piial.adjmt\_rsn\_code " &

" WHERE piial.mds\_fam\_id = ? " &

" AND DATE(piial.adjmt\_ts) >= ? " &

" AND DATE(piial.adjmt\_ts) <= ? " &

" AND NOT piial.adjmt\_type\_code In (6628) " &

" AND NOT piial.adjmt\_userid = 'RXPAUDIT' " &

" ORDER BY piial.log\_id desc "

DAL:

Public Function GetCIILogBookInfo(ByVal siteId As Integer, ByVal fromDate As Date, ByVal toDate As Date,

ByVal mdsFamId As Integer) As List(Of C2LogBookBE) Implements IItemDAL.GetCIILogBookInfo

Using (New Tracer(ConnexusCommonConstants.ConnexusTracer))

Dim cIILogBookInfoList As New List(Of C2LogBookBE)

Dim cIILogBookInfo As C2LogBookBE

Dim c2LogbookSQL As String = String.Empty

Dim paramList As New List(Of DbParameter)

paramList.AddParameter(DbType.Int32, mdsFamId)

paramList.AddParameter(DbType.Date, fromDate.ToShortDateString)

paramList.AddParameter(DbType.Date, toDate.ToShortDateString)

paramList.AddParameter(DbType.Int32, mdsFamId)

paramList.AddParameter(DbType.Date, fromDate.ToShortDateString)

paramList.AddParameter(DbType.Date, toDate.ToShortDateString)

Dim isBeaconStore As Boolean = GetBUPhmParm(siteId, ConnexusCommonConstants.BeaconEnabledFlag).EqualsIgnoreCase("TRUE")

If isBeaconStore Then

c2LogbookSQL = ItemQueries.C2LogBookInfoForBeacon

Else

c2LogbookSQL = ItemQueries.C2LogBookInfo

End If

Try

Using dr As IDataReader = ExecuteReader(DatabaseEnum.Pharmacy\_Offering, siteId, c2LogbookSQL, paramList)

While dr.Read

cIILogBookInfo = New C2LogBookBE

With cIILogBookInfo

cIILogBookInfo.TransactionTypeCode = dr.GetValueOrDefault(Of Int16)("adjmt\_type\_code")

cIILogBookInfo.TransactionType = dr.GetValueOrDefault(Of String)("transactiontype").SafeTrim

cIILogBookInfo.DateTime = dr.GetValueOrDefault(Of DateTime)("date\_time")

cIILogBookInfo.CSOSOrDEA = dr.GetValueOrDefault(Of String)("csos\_dea222")

cIILogBookInfo.InvoiceNbr = dr.GetValueOrDefault(Of String)("Mckesson")

cIILogBookInfo.RxNbr = dr.GetValueOrDefault(Of Int32)("rxnbr")

cIILogBookInfo.Quantity = Convert.ToString(dr.GetValueOrDefault(Of Decimal)("quantity"))

If .TransactionTypeCode = AdjTypeCode.NOH OrElse .TransactionTypeCode = AdjTypeCode.POF OrElse

.TransactionTypeCode = AdjTypeCode.PDXOutDateReturn OrElse .TransactionTypeCode = AdjTypeCode.PDXInDateReturn Then

cIILogBookInfo.Quantity = "- " & cIILogBookInfo.Quantity.ToString

ElseIf .TransactionTypeCode = AdjTypeCode.POH OrElse .TransactionTypeCode = AdjTypeCode.CancelFill OrElse .TransactionTypeCode = AdjTypeCode.ManualRcvd OrElse

.TransactionTypeCode = AdjTypeCode.Returns OrElse .TransactionTypeCode = AdjTypeCode.PreRecvg OrElse .TransactionTypeCode = AdjTypeCode.PreRecAudit OrElse

.TransactionTypeCode = AdjTypeCode.CIIMonthlyAudit OrElse .TransactionTypeCode = AdjTypeCode.Recvg Then

cIILogBookInfo.Quantity = "+ " & cIILogBookInfo.Quantity

End If

cIILogBookInfo.Quantity = cIILogBookInfo.Quantity.Substring(0, cIILogBookInfo.Quantity.Length - 2)

cIILogBookInfo.Balance = dr.GetValueOrDefault(Of Decimal)("balance")

cIILogBookInfo.UserId = dr.GetValueOrDefault(Of String)("userid")

cIILogBookInfo.Comment = dr.GetValueOrDefault(Of String)("comments")

End With

cIILogBookInfoList.Add(cIILogBookInfo)

End While

End Using

Catch ex As Exception

cIILogBookInfoList = Nothing

End Try

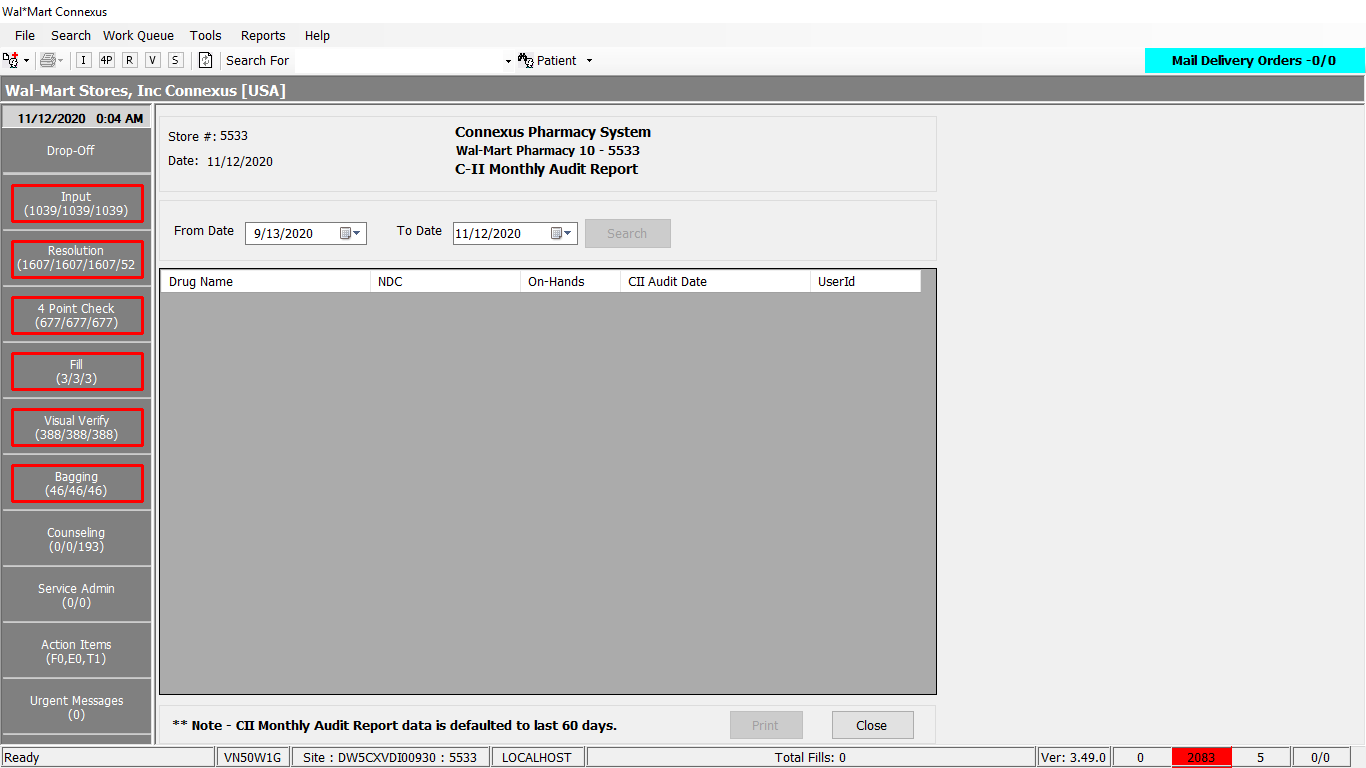
Return cIILogBookInfoList

End Using

End Function

# 17.Reports/Inventory Reports/CII Reports/CII Monthly Audit:

Request:



Response:



Queries

Public Const CIIMonthlyAuditData As String = " SELECT pp.short\_name AS DrugName, " &

" pi.ndc\_nbr AS NDC, " &

" piial.onhand\_qty AS OnHands, " &

" piial.adjmt\_ts AS CIIAuditDate, piial.adjmt\_userid AS UserId " &

" FROM phm\_item\_inv\_adjmt\_log piial, pharmacy\_item pi, pharmacy\_product pp" &

" WHERE piial.mds\_fam\_id = pi.mds\_fam\_id " &

" AND pi.product\_mds\_fam\_id = pp.product\_mds\_fam\_id " &

" AND pp.drug\_control\_code = 2300" &

" AND DATE(piial.adjmt\_ts) >= ? " &

" AND DATE(piial.adjmt\_ts) <= ? " &

" AND piial.adjmt\_type\_code = 6640 " &

" ORDER BY DrugName,CIIAuditDate"

DAL

Public Function GetCIIMonthlyAuditData(ByVal siteId As Integer, ByVal fromDate As Date, ByVal toDate As Date) \_

As List(Of ReturnToStockInfoBE) Implements IItemDAL.GetCIIMonthlyAuditData

Using (New Tracer(ConnexusCommonConstants.ConnexusTracer))

Dim CIIAuditInfoList As New List(Of ReturnToStockInfoBE)

Dim paramList As New List(Of DbParameter)

paramList.AddParameter(DbType.DateTime, fromDate)

paramList.AddParameter(DbType.DateTime, toDate)

Dim local As New LocalizationManager

Using dr As IDataReader = ExecuteReader(DatabaseEnum.Pharmacy\_Offering, siteId, ItemQueries.CIIMonthlyAuditData, paramList)

'Retrieve data from datareader to data entity

While dr.Read

Dim CIIAuditInfo As New ReturnToStockInfoBE

With CIIAuditInfo

.NDC = String.Format(local, "{0:N}", dr.GetValueOrDefault(Of String)("NDC").SafeTrim)

.Description = dr.GetValueOrDefault(Of String)("DrugName").SafeTrim

'Assigning the on\_hand\_qty to vial quantity

.VialQuantity = (dr.GetValueOrDefault(Of Decimal)("OnHands"))

.LastChangets = dr.GetValueOrDefault(Of DateTime)("CIIAuditDate")

.UserId = dr.GetValueOrDefault(Of String)("UserId")

End With

CIIAuditInfoList.Add(CIIAuditInfo)

End While

Return CIIAuditInfoList

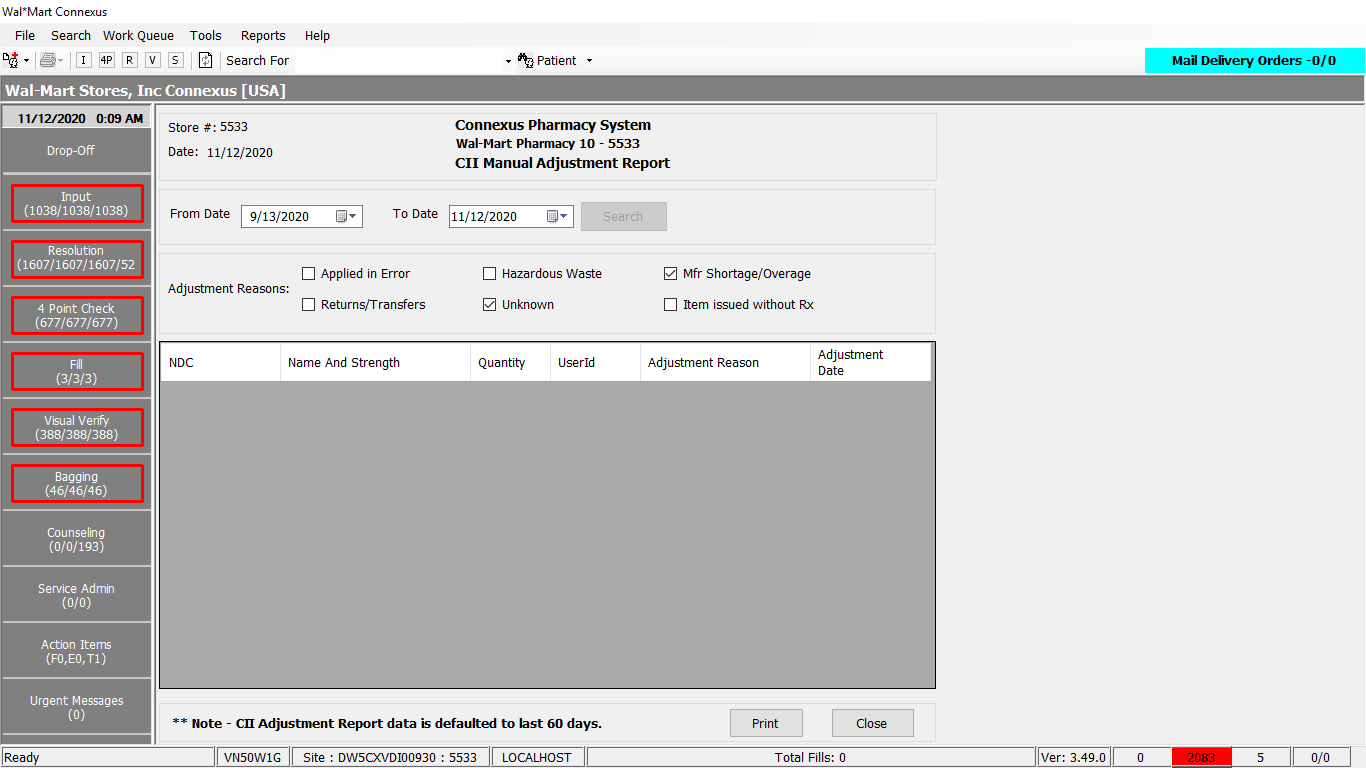
End Using

End Using

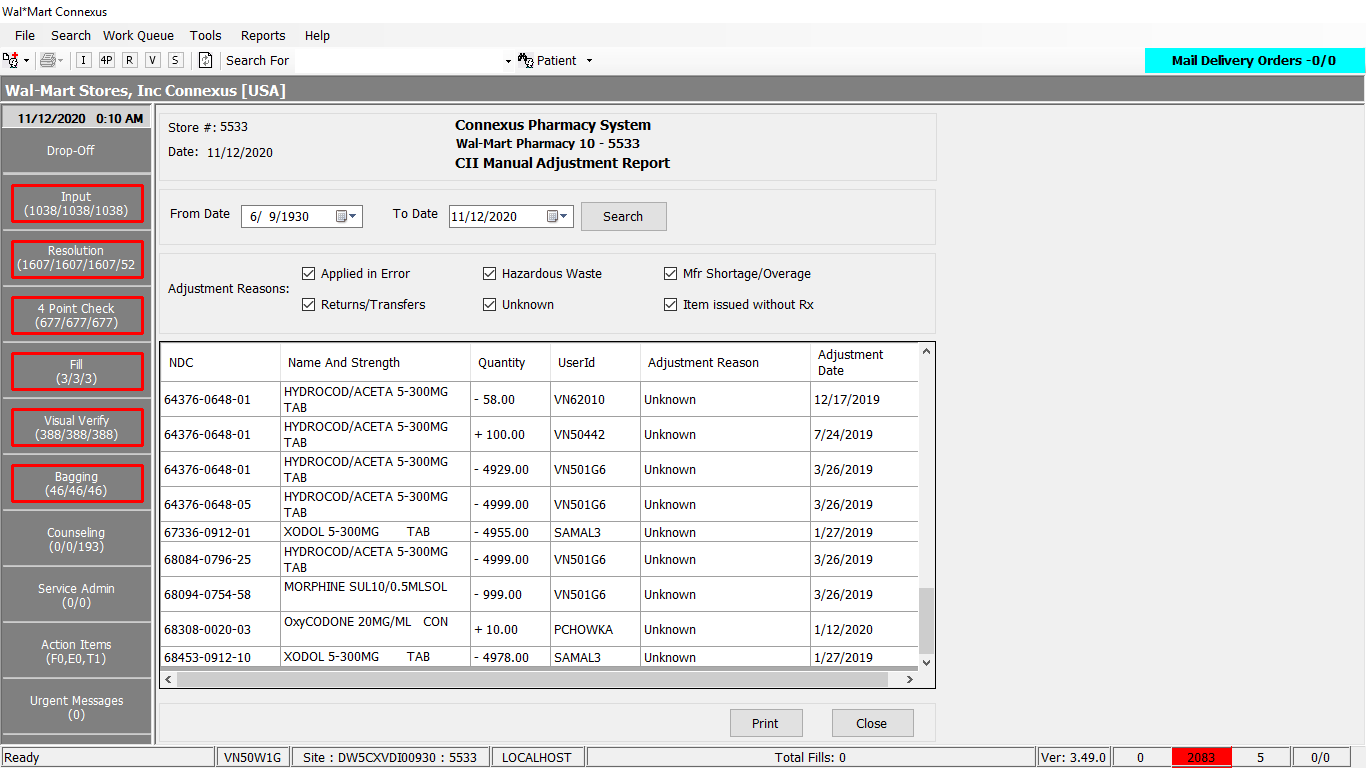
End Function

# 18.Reports/Inventory Reports/CII Reports/CII Adjustment:

Request:



Response:



Queries

Public Const CIIMonthlyAuditData As String = " SELECT pp.short\_name AS DrugName, " &

" pi.ndc\_nbr AS NDC, " &

" piial.onhand\_qty AS OnHands, " &

" piial.adjmt\_ts AS CIIAuditDate, piial.adjmt\_userid AS UserId " &

" FROM phm\_item\_inv\_adjmt\_log piial, pharmacy\_item pi, pharmacy\_product pp" &

" WHERE piial.mds\_fam\_id = pi.mds\_fam\_id " &

" AND pi.product\_mds\_fam\_id = pp.product\_mds\_fam\_id " &

" AND pp.drug\_control\_code = 2300" &

" AND DATE(piial.adjmt\_ts) >= ? " &

" AND DATE(piial.adjmt\_ts) <= ? " &

" AND piial.adjmt\_type\_code = 6640 " &

" ORDER BY DrugName,CIIAuditDate"

Public Const GetCommonBUInfo As String = "SELECT bua.Bu\_nbr, bua.accounting\_div\_nbr , bua.street\_line\_1, " \_

& " bua.street\_line\_2, bua.city, bua.state, " \_

& " bua.zip, bua.zip\_plus\_four, " \_

& " sh.sat\_opening\_time, sh.sat\_closing\_time, sh.Sun\_opening\_time," \_

& " sh.Sun\_closing\_time, sh.Mon\_opening\_time, sh.Mon\_closing\_time, " \_

& " sh.Tue\_opening\_time, sh.Tue\_closing\_time , sh.Wed\_opening\_time, " \_

& " sh.Wed\_closing\_time, sh.Thu\_opening\_time, sh.Thu\_closing\_time , " \_

& " sh.Fri\_opening\_time, sh.Fri\_closing\_time, bua.country\_code,ia.issue\_agency\_code " \_

& " FROM bus\_unit\_addr bua, " \_

& " Store\_Hours sh, " \_

& " pharmacy\_bu pb, " \_

& " issuing\_agency ia" \_

& " WHERE bua.bu\_nbr = pb.phm\_bu\_id" \_

& " AND bua.accounting\_div\_nbr = ?" \_

& " AND bua.bu\_unit\_type\_code = ?" \_

& " AND sh.accounting\_div\_nbr = ?" \_

& " AND sh.effective\_date = (SELECT max(effective\_date) " \_

& " FROM Store\_Hours WHERE accounting\_div\_nbr = ?" \_

& " AND effective\_date <= current)" \_

& " AND UPPER(TRIM(ia.issue\_agency\_abbr)) = UPPER(TRIM(bua.state))" \_

& " AND UPPER(TRIM(ia.country\_code)) = UPPER(TRIM(bua.country\_code))"

Public Const validateParmValues As String = "SELECT phm\_parm\_code FROM bu\_Phm\_parm WHERE phm\_parm\_code IN (?,?,?,?,?,?,?,?)"

DAL

Public Function GetCIIMonthlyAuditData(ByVal siteId As Integer, ByVal fromDate As Date, ByVal toDate As Date) \_

As List(Of ReturnToStockInfoBE) Implements IItemDAL.GetCIIMonthlyAuditData

Using (New Tracer(ConnexusCommonConstants.ConnexusTracer))

Dim CIIAuditInfoList As New List(Of ReturnToStockInfoBE)

Dim paramList As New List(Of DbParameter)

paramList.AddParameter(DbType.DateTime, fromDate)

paramList.AddParameter(DbType.DateTime, toDate)

Dim local As New LocalizationManager

Using dr As IDataReader = ExecuteReader(DatabaseEnum.Pharmacy\_Offering, siteId, ItemQueries.CIIMonthlyAuditData, paramList)

'Retrieve data from datareader to data entity

While dr.Read

Dim CIIAuditInfo As New ReturnToStockInfoBE

With CIIAuditInfo

.NDC = String.Format(local, "{0:N}", dr.GetValueOrDefault(Of String)("NDC").SafeTrim)

.Description = dr.GetValueOrDefault(Of String)("DrugName").SafeTrim

'Assigning the on\_hand\_qty to vial quantity

.VialQuantity = (dr.GetValueOrDefault(Of Decimal)("OnHands"))

.LastChangets = dr.GetValueOrDefault(Of DateTime)("CIIAuditDate")

.UserId = dr.GetValueOrDefault(Of String)("UserId")

End With

CIIAuditInfoList.Add(CIIAuditInfo)

End While

Return CIIAuditInfoList

End Using

End Using

End Function

Public Shared Function GetCommonBUInfo(ByVal siteId As Integer) As CommonBuInfoBE

Using (New Tracer(ConnexusCommonConstants.ConnexusTracer))

Dim paramList As New List(Of DbParameter)

'Adds AcctDivNbr parameter

Dim paramDivNbr As DbParameter = New Odbc.OdbcParameter

paramDivNbr.DbType = DbType.Int16

paramDivNbr.Value = ServicesCommonConstants.ActgDivNumber

paramList.Add(paramDivNbr)

'Adds BuUnitType parameter

Dim paramUnitType As DbParameter = New Odbc.OdbcParameter

paramUnitType.DbType = DbType.Int16

paramUnitType.Value = ServicesCommonConstants.BuUnitType

paramList.Add(paramUnitType)

paramList.Add(paramDivNbr)

paramList.Add(paramDivNbr)

Using commonBuDR As IDataReader = ExecuteReader(Common.DatabaseEnum.rx21c, siteId,

CacheManagerQueries.GetCommonBUInfo, paramList)

'Declaring the required variables

Dim commonBu As New CommonBuInfoBE

Dim addressBE As BuAddressBE

Dim storeHours As StoreHoursBE

While commonBuDR.Read()

commonBu = New CommonBuInfoBE()

addressBE = New BuAddressBE()

storeHours = New StoreHoursBE()

commonBu.BUNbr = CInt(commonBuDR("Bu\_nbr"))

commonBu.AccountingDivNbr = CInt(commonBuDR("accounting\_div\_nbr"))

If Not commonBuDR.IsDBNull(commonBuDR.GetOrdinal("street\_line\_1")) Then

addressBE.StreetLine1 = CStr(commonBuDR("street\_line\_1")).Trim

End If

If Not commonBuDR.IsDBNull(commonBuDR.GetOrdinal("street\_line\_2")) Then

addressBE.StreetLine2 = CStr(commonBuDR("street\_line\_2")).Trim

End If

If Not commonBuDR.IsDBNull(commonBuDR.GetOrdinal("city")) Then

addressBE.City = CStr(commonBuDR("city")).Trim

End If

If Not commonBuDR.IsDBNull(commonBuDR.GetOrdinal("state")) Then

addressBE.State = CStr(commonBuDR("state")).Trim

End If

If Not commonBuDR.IsDBNull(commonBuDR.GetOrdinal("zip")) Then

addressBE.Zip = CStr(commonBuDR("zip")).Trim

End If

If Not commonBuDR.IsDBNull(commonBuDR.GetOrdinal("zip\_plus\_four")) Then

addressBE.ZipPlusFour = CStr(commonBuDR("zip\_plus\_four")).Trim

End If

'Gets the address information to BuAdderssBE

commonBu.BuAddress = DirectCast(addressBE, BuAddressBE)

If Not commonBuDR.IsDBNull(commonBuDR.GetOrdinal("sat\_opening\_time")) Then

storeHours.SatOpeningTime = CDate(commonBuDR("sat\_opening\_time"))

End If

If Not commonBuDR.IsDBNull(commonBuDR.GetOrdinal("sat\_closing\_time")) Then

storeHours.SatClosingTime = CDate(commonBuDR("sat\_closing\_time"))

End If

If Not commonBuDR.IsDBNull(commonBuDR.GetOrdinal("Sun\_opening\_time")) Then

storeHours.SunOpeningTime = CDate(commonBuDR("Sun\_opening\_time"))

End If

If Not commonBuDR.IsDBNull(commonBuDR.GetOrdinal("Sun\_closing\_time")) Then

storeHours.SunClosingTime = CDate(commonBuDR("Sun\_closing\_time"))

End If

If Not commonBuDR.IsDBNull(commonBuDR.GetOrdinal("Mon\_opening\_time")) Then

storeHours.MonOpeningTime = CDate(commonBuDR("Mon\_opening\_time"))

End If

If Not commonBuDR.IsDBNull(commonBuDR.GetOrdinal("Mon\_closing\_time")) Then

storeHours.MonClosingTime = CDate(commonBuDR("Mon\_closing\_time"))

End If

If Not commonBuDR.IsDBNull(commonBuDR.GetOrdinal("Tue\_opening\_time")) Then

storeHours.TueOpeningTime = CDate(commonBuDR("Tue\_opening\_time"))

End If

If Not commonBuDR.IsDBNull(commonBuDR.GetOrdinal("Tue\_closing\_time")) Then

storeHours.TueClosingTime = CDate(commonBuDR("Tue\_closing\_time"))

End If

If Not commonBuDR.IsDBNull(commonBuDR.GetOrdinal("Wed\_opening\_time")) Then

storeHours.WedOpeningTime = CDate(commonBuDR("Wed\_opening\_time"))

End If

If Not commonBuDR.IsDBNull(commonBuDR.GetOrdinal("Wed\_closing\_time")) Then

storeHours.WedClosingTime = CDate(commonBuDR("Wed\_closing\_time"))

End If

If Not commonBuDR.IsDBNull(commonBuDR.GetOrdinal("Thu\_opening\_time")) Then

storeHours.ThuOpeningTime = CDate(commonBuDR("Thu\_opening\_time"))

End If

If Not commonBuDR.IsDBNull(commonBuDR.GetOrdinal("Thu\_closing\_time")) Then

storeHours.ThuClosingTime = CDate(commonBuDR("Thu\_closing\_time"))

End If

If Not commonBuDR.IsDBNull(commonBuDR.GetOrdinal("Fri\_opening\_time")) Then

storeHours.FriOpeningTime = CDate(commonBuDR("Fri\_opening\_time"))

End If

If Not commonBuDR.IsDBNull(commonBuDR.GetOrdinal("Fri\_closing\_time")) Then

storeHours.FriClosingTime = CDate(commonBuDR("Fri\_closing\_time"))

End If

'Added as the Country Code was missing

If Not commonBuDR.IsDBNull(commonBuDR.GetOrdinal("country\_code")) Then

addressBE.CountryCode = commonBuDR.GetString(commonBuDR.GetOrdinal("country\_code"))

End If

'Fetches the Issue Agency Code

If Not commonBuDR.IsDBNull(commonBuDR.GetOrdinal("issue\_agency\_code")) Then

commonBu.IssueAgencyCode = commonBuDR.GetInt32(commonBuDR.GetOrdinal("issue\_agency\_code"))

End If

'Gets the store hours information to StoreHoursBE

commonBu.StoreHours = DirectCast(storeHours, StoreHoursBE)

'CommonBuInfo.Add(CommonBu)

End While

Return commonBu

End Using

End Using

End Function

Public Shared Function GetVolatileBUInfo(ByVal siteId As Integer) As VolatileBuInfoBE

Using (New Tracer(ConnexusCommonConstants.ConnexusTracer))

Dim paramList As New List(Of DbParameter)

Dim paramValidationList As New List(Of DbParameter)

Dim querySelectBuilder As New StringBuilder

Dim queryFromBuilder As New StringBuilder

Dim queryWhereBuilder As New StringBuilder

Dim queryJoinBuilder As New StringBuilder

''Adds NDCChange parameter

paramList.AddParameter(DbType.String, ServicesCommonConstants.NdcChange)

''Adds Visual check Status parameter

paramList.AddParameter(DbType.String, ServicesCommonConstants.VisCheckStatus)

''Adds ReqPrinter parameter

paramList.AddParameter(DbType.String, ServicesCommonConstants.RefRqstPrinter)

' ''Adds Leaflet Printer parameter

paramList.AddParameter(DbType.String, ServicesCommonConstants.PatLfltPrinter)

''Adds FaxPrinter parameter

paramList.AddParameter(DbType.String, ServicesCommonConstants.FaxPrinter)

''Adds StationaryPrinter parameter

paramList.AddParameter(DbType.String, ServicesCommonConstants.StationaryPrinter)

''Adds StoreName parameter

paramList.AddParameter(DbType.String, ServicesCommonConstants.StoreName)

''Adds LabelMsg parameter

paramList.AddParameter(DbType.String, ServicesCommonConstants.LabelMsg)

''Adds ReqPrinter parameter

paramList.AddParameter(DbType.String, ServicesCommonConstants.TrayPrinting)

''Adds Medicare parameter

paramList.AddParameter(DbType.String, ServicesCommonConstants.MedicareBEnabled)

''Adds Medicare parameter

paramList.AddParameter(DbType.String, ServicesCommonConstants.SysGenPrinter)

paramValidationList.AddParameter(DbType.String, ServicesCommonConstants.DuplexRefillRequest)

paramValidationList.AddParameter(DbType.String, ServicesCommonConstants.DuplexLeafLet)

paramValidationList.AddParameter(DbType.String, ServicesCommonConstants.DuplexScanTag)

paramValidationList.AddParameter(DbType.String, ServicesCommonConstants.DuplexIVRFax)

paramValidationList.AddParameter(DbType.String, ServicesCommonConstants.DuplexRxImage)

paramValidationList.AddParameter(DbType.String, ServicesCommonConstants.ScanTagTrayNumber)

paramValidationList.AddParameter(DbType.String, ServicesCommonConstants.PrintLeafLetTrayNumber)

paramValidationList.AddParameter(DbType.String, ServicesCommonConstants.ScanTagPrinter)

'--BaggingQueue - Phase III - START

Dim IsDuplexRefillRequestAvailable As Boolean = False

Dim IsDuplexLeafLetAvailable As Boolean = False

Dim IsDuplexScanTagAvailable As Boolean = False

Dim IsDuplexIVRFaxAvailable As Boolean = False

Dim IsDuplexRxImageAvailable As Boolean = False

Dim IsDuplexScanTagTrayNumberAvailable As Boolean = False

Dim IsPrintLeafLetTrayNumberAvailable As Boolean = False

Dim IsScanTagPrinterAvailable As Boolean = False

Using validateParmValues As IDataReader = ExecuteReader(Common.DatabaseEnum.rx21c, siteId,

CacheManagerQueries.validateParmValues,

paramValidationList)

Do While validateParmValues.Read()

Dim phmParmCode As Short = validateParmValues.GetValueOrDefault(Of Int16)("phm\_parm\_code")

If (Convert.ToString(phmParmCode).SafeTrim().Equals(ServicesCommonConstants.DuplexRefillRequest.ToString())) Then

paramList.AddParameter(DbType.String, ServicesCommonConstants.DuplexRefillRequest)

querySelectBuilder.Append(", p22.phm\_parm\_value DuplexRefillRequest, ")

queryFromBuilder.Append(",Bu\_Phm\_parm p22,")

queryWhereBuilder.Append(" AND p1.phm\_bu\_id = p22.phm\_bu\_id ")

queryJoinBuilder.Append(" AND p22.phm\_parm\_code = ? ")

IsDuplexRefillRequestAvailable = True

End If

If (Convert.ToString(phmParmCode).SafeTrim().Equals(ServicesCommonConstants.DuplexLeafLet.ToString())) Then

paramList.AddParameter(DbType.String, ServicesCommonConstants.DuplexLeafLet)

querySelectBuilder.Append(" p23.phm\_parm\_value DuplexPatLeafLet, ")

queryFromBuilder.Append(" Bu\_Phm\_parm p23,")

queryWhereBuilder.Append(" AND p1.phm\_bu\_id = p23.phm\_bu\_id ")

queryJoinBuilder.Append(" AND p23.phm\_parm\_code = ? ")

IsDuplexLeafLetAvailable = True

End If

If (Convert.ToString(phmParmCode).SafeTrim().Equals(ServicesCommonConstants.DuplexScanTag.ToString())) Then

paramList.AddParameter(DbType.String, ServicesCommonConstants.DuplexScanTag)

querySelectBuilder.Append(" p24.phm\_parm\_value DuplexScanTag, ")

queryFromBuilder.Append(" Bu\_Phm\_parm p24,")

queryWhereBuilder.Append(" AND p1.phm\_bu\_id = p24.phm\_bu\_id ")

queryJoinBuilder.Append(" AND p24.phm\_parm\_code = ? ")

IsDuplexScanTagAvailable = True

End If

If (Convert.ToString(phmParmCode).SafeTrim().Equals(ServicesCommonConstants.DuplexIVRFax.ToString())) Then

paramList.AddParameter(DbType.String, ServicesCommonConstants.DuplexIVRFax)

querySelectBuilder.Append(" p25.phm\_parm\_value DuplexIVRFax, ")

queryFromBuilder.Append(" Bu\_Phm\_parm p25,")

queryWhereBuilder.Append(" AND p1.phm\_bu\_id = p25.phm\_bu\_id ")

queryJoinBuilder.Append(" AND p25.phm\_parm\_code = ? ")

IsDuplexIVRFaxAvailable = True

End If

If (Convert.ToString(phmParmCode).SafeTrim().Equals(ServicesCommonConstants.DuplexRxImage.ToString())) Then

paramList.AddParameter(DbType.String, ServicesCommonConstants.DuplexRxImage)

querySelectBuilder.Append(" p26.phm\_parm\_value DuplexRxImage, ")

queryFromBuilder.Append(" Bu\_Phm\_parm p26,")

queryWhereBuilder.Append(" AND p1.phm\_bu\_id = p26.phm\_bu\_id")

queryJoinBuilder.Append(" AND p26.phm\_parm\_code = ? ")

IsDuplexRxImageAvailable = True

End If

If (Convert.ToString(phmParmCode).SafeTrim().Equals(ServicesCommonConstants.ScanTagTrayNumber.ToString())) Then

paramList.AddParameter(DbType.String, ServicesCommonConstants.ScanTagTrayNumber)

querySelectBuilder.Append(" p27.phm\_parm\_value ScanTagTray, ")

queryFromBuilder.Append(" Bu\_Phm\_parm p27,")

queryWhereBuilder.Append(" AND p1.phm\_bu\_id = p27.phm\_bu\_id ")

queryJoinBuilder.Append(" AND p27.phm\_parm\_code = ? ")

IsDuplexScanTagTrayNumberAvailable = True

End If

If (Convert.ToString(phmParmCode).SafeTrim().Equals(ServicesCommonConstants.PrintLeafLetTrayNumber.ToString())) Then

paramList.AddParameter(DbType.String, ServicesCommonConstants.PrintLeafLetTrayNumber)

querySelectBuilder.Append(" p28.phm\_parm\_value PatientLeafletTray, ")

queryFromBuilder.Append(" Bu\_Phm\_parm p28,")

queryWhereBuilder.Append(" AND p1.phm\_bu\_id = p28.phm\_bu\_id ")

queryJoinBuilder.Append(" AND p28.phm\_parm\_code = ? ")

IsPrintLeafLetTrayNumberAvailable = True

End If

If (Convert.ToString(phmParmCode).SafeTrim().Equals(ServicesCommonConstants.ScanTagPrinter.ToString())) Then

paramList.AddParameter(DbType.String, ServicesCommonConstants.ScanTagPrinter)

querySelectBuilder.Append(" p29.phm\_parm\_value ScanTagPrinter, ")

queryFromBuilder.Append(" Bu\_Phm\_parm p29 ,")

queryWhereBuilder.Append(" AND p1.phm\_bu\_id = p29.phm\_bu\_id ")

queryJoinBuilder.Append(" AND p29.phm\_parm\_code = ? ")

IsScanTagPrinterAvailable = True

End If

Loop

End Using

Dim querySelect As String

Dim queryFrom As String

If (querySelectBuilder.ToString.LastIndexOf(",") > 0) Then

querySelect = querySelectBuilder.ToString.Remove(querySelectBuilder.ToString.LastIndexOf(","))

Else

querySelect = querySelectBuilder.ToString()

End If

If (querySelectBuilder.ToString.LastIndexOf(",") > 0) Then

queryFrom = queryFromBuilder.ToString.Remove(queryFromBuilder.ToString.LastIndexOf(","))

Else

queryFrom = queryFromBuilder.ToString()

End If

Dim getVolatileBuInfoQuery As String = String.Concat(CacheManagerQueries.querySelect, querySelect, CacheManagerQueries.queryFrom, queryFrom,

CacheManagerQueries.queryWhere, queryWhereBuilder, CacheManagerQueries.queryJoin, queryJoinBuilder)

'--BaggingQueue - Phase III - END

Using volatileBuDR As IDataReader = ExecuteReader(Common.DatabaseEnum.rx21c, siteId,

getVolatileBuInfoQuery,

paramList)

'Declaring the required variables

Dim volatileBu As New VolatileBuInfoBE

While volatileBuDR.Read()

volatileBu = New VolatileBuInfoBE()

volatileBu.PhoneNumber = volatileBuDR.GetValueOrDefault(Of String)("Phone\_Number").SafeTrim()

volatileBu.FaxNumber = volatileBuDR.GetValueOrDefault(Of String)("Fax\_Number").SafeTrim()

volatileBu.PhmDeaNumber = volatileBuDR.GetValueOrDefault(Of String)("phm\_dea\_nbr").SafeTrim()

volatileBu.RxProcessCategoryCode = Convert.ToInt32(volatileBuDR.GetValueOrDefault(Of Int16)("Rx\_prc\_catg\_code"))

volatileBu.OtcProcessCategoryCode = Convert.ToInt32(volatileBuDR.GetValueOrDefault(Of Int16)("Otc\_prc\_catg\_code"))

volatileBu.DrugNameSeqIndicator = volatileBuDR.GetValueOrDefault(Of String)("drug\_name\_seq\_ind").SafeTrim()

volatileBu.Barcode = volatileBuDR.GetValueOrDefault(Of String)("Barcode").SafeTrim()

volatileBu.IvrLive = volatileBuDR.GetValueOrDefault(Of String)("IVRLive").SafeTrim()

volatileBu.IvrRefresh = volatileBuDR.GetValueOrDefault(Of String)("IVRRefresh").SafeTrim()

volatileBu.FourPointAfterInput = volatileBuDR.GetValueOrDefault(Of String)("blnFourPointAfterInput").SafeTrim()

volatileBu.DriveThrough = volatileBuDR.GetValueOrDefault(Of String)("blnDrivethru").SafeTrim()

volatileBu.FaxAvailable = volatileBuDR.GetValueOrDefault(Of String)("blnFaxAvailable").SafeTrim()

volatileBu.LaserPrinterDown = volatileBuDR.GetValueOrDefault(Of String)("blnLaserPrinterDown").SafeTrim()

volatileBu.AllScannersDown = volatileBuDR.GetValueOrDefault(Of String)("blnAllScannersDown").SafeTrim()

volatileBu.FaxPrefix = volatileBuDR.GetValueOrDefault(Of String)("blnFaxPrefix").SafeTrim()

volatileBu.PhmBuId = volatileBuDR.GetValueOrDefault(Of Int32)("phm\_bu\_id")

volatileBu.NdcChangeWarn = volatileBuDR.GetValueOrDefault(Of String)("blnNDCChangeWarn").SafeTrim()

volatileBu.VisCheckStatus = volatileBuDR.GetValueOrDefault(Of String)("VisCheckStatus").SafeTrim()

volatileBu.TriplicateStatus = volatileBuDR.GetValueOrDefault(Of String)("blnTriplicateStatus").SafeTrim()

volatileBu.RefRequestPrinter = volatileBuDR.GetValueOrDefault(Of String)("RefRqstPrinter").SafeTrim()

volatileBu.PatLeafletPrinter = volatileBuDR.GetValueOrDefault(Of String)("PatLeafletPrinter").SafeTrim()

volatileBu.FaxPrinter = volatileBuDR.GetValueOrDefault(Of String)("FaxPrinter").SafeTrim()

volatileBu.StationaryPrinter = volatileBuDR.GetValueOrDefault(Of String)("StationaryPrinter").SafeTrim()

'Bagging Queue - Phase 3 - START

If (IsDuplexRefillRequestAvailable = True) Then

volatileBu.DuplexRefillRequest = volatileBuDR.GetValueOrDefault(Of String)("DuplexRefillRequest").SafeTrim()

Else

volatileBu.DuplexRefillRequest = "FALSE"

End If

If (IsDuplexLeafLetAvailable) Then

volatileBu.DuplexPatLeafLet = volatileBuDR.GetValueOrDefault(Of String)("DuplexPatLeafLet").SafeTrim()

Else

volatileBu.DuplexPatLeafLet = "FALSE"

End If

If (IsDuplexScanTagAvailable) Then

volatileBu.DuplexScanTag = volatileBuDR.GetValueOrDefault(Of String)("DuplexScanTag").SafeTrim()

Else

volatileBu.DuplexScanTag = "FALSE"

End If

If (IsDuplexIVRFaxAvailable) Then

volatileBu.DuplexFaxIVRPrint = volatileBuDR.GetValueOrDefault(Of String)("DuplexIVRFax").SafeTrim()

Else

volatileBu.DuplexFaxIVRPrint = "FALSE"

End If

If (IsDuplexRxImageAvailable) Then

volatileBu.DuplexRxImage = volatileBuDR.GetValueOrDefault(Of String)("DuplexRxImage").SafeTrim()

Else

volatileBu.DuplexRxImage = "FALSE"

End If

If (IsDuplexScanTagTrayNumberAvailable) Then

volatileBu.ScanTagTray = volatileBuDR.GetValueOrDefault(Of String)("ScanTagTray").SafeTrim()

Else

volatileBu.ScanTagTray = "1"

End If

If (IsPrintLeafLetTrayNumberAvailable) Then

volatileBu.PatientLeafletTray = volatileBuDR.GetValueOrDefault(Of String)("PatientLeafletTray").SafeTrim()

Else

volatileBu.PatientLeafletTray = "2"

End If

If (IsScanTagPrinterAvailable) Then

volatileBu.ScanTagPrinter = volatileBuDR.GetValueOrDefault(Of String)("ScanTagPrinter").SafeTrim()

Else

volatileBu.ScanTagPrinter = ServicesCommonConstants.DefaultPrinter

End If

'Bagging Queue - Phase 3 - END

volatileBu.StoreName = volatileBuDR.GetValueOrDefault(Of String)("StoreName").SafeTrim()

volatileBu.DoctorNumber = volatileBuDR.GetValueOrDefault(Of String)("Doctor\_number").SafeTrim()

volatileBu.LabelMsg = volatileBuDR.GetValueOrDefault(Of String)("LabelMsg").SafeTrim()

volatileBu.TrayPrinting = volatileBuDR.GetValueOrDefault(Of String)("blnTrayPrinting").SafeTrim()

volatileBu.MedicareB = volatileBuDR.GetValueOrDefault(Of String)("blnMedicareB").SafeTrim()

volatileBu.SysGenPrinter = volatileBuDR.GetValueOrDefault(Of String)("SysGenPrinter").SafeTrim()

End While

Return volatileBu

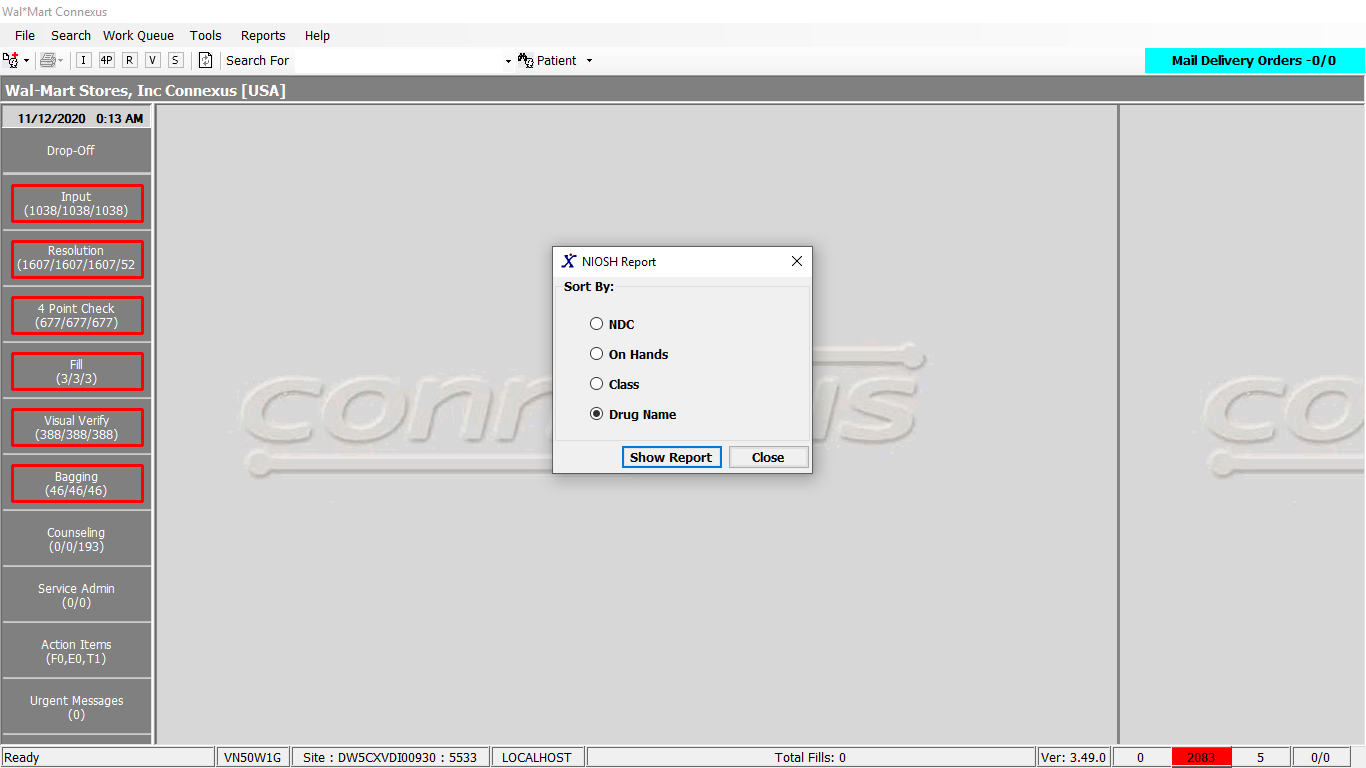
End Using

End Using

End Function

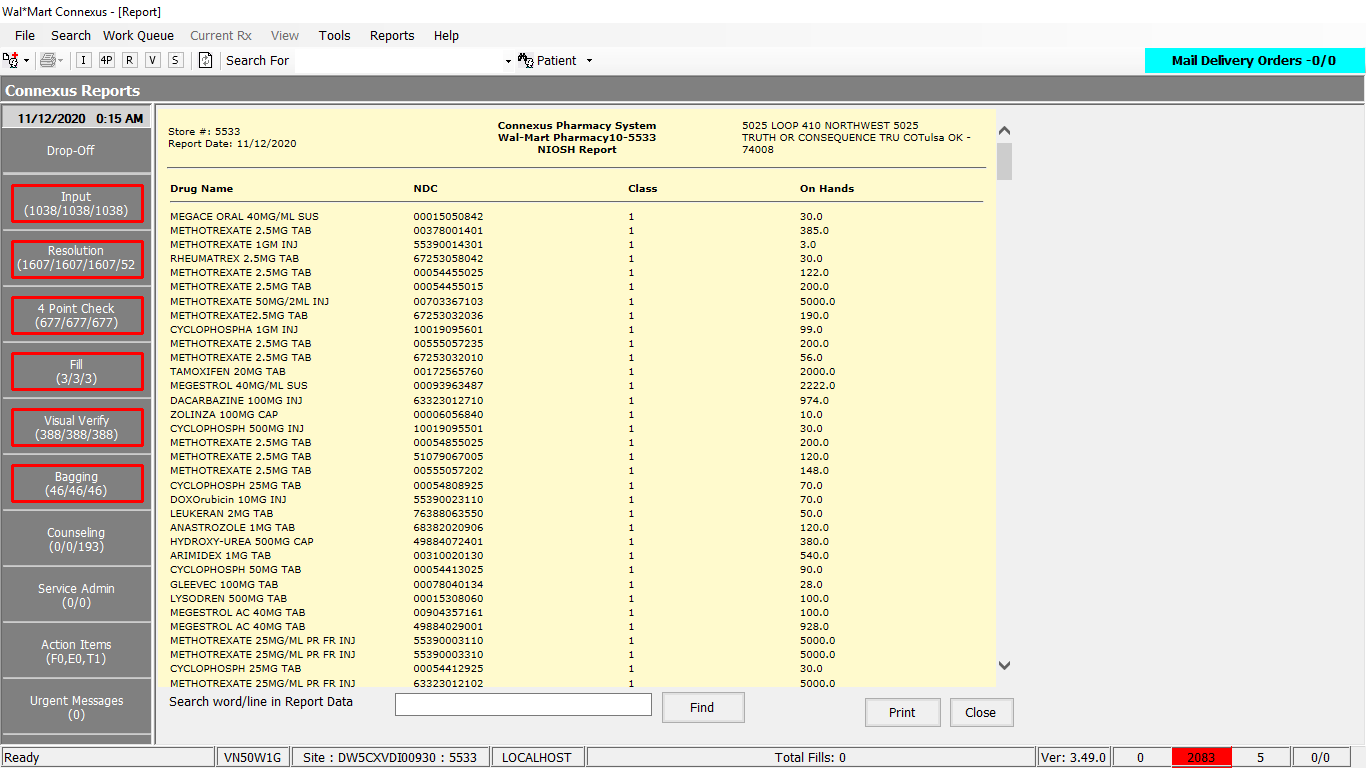
# 19.Reports/Inventory Reports /NIOSH Report:

Request:



Note: In above request screen we only select one of the option. Below i have provided screenshot for data sorted with respect to Class.

Request:



Queries

Friend Const NioshQuery As String = "SELECT pp.short\_name,pi.ndc\_nbr,ROUND(pi.on\_hand\_qty,1) on\_hand\_qty,SUBSTR(pir.issued\_id\_nbr,3,1) issued\_id\_nbr " &

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

"WHERE pp.product\_mds\_fam\_id=pi.product\_mds\_fam\_id " &

"AND pir.mds\_fam\_id=pi.mds\_fam\_id " &

"AND pir.issued\_id\_nbr in (?,?,?,?,?,?) " &

"AND pi.on\_hand\_qty > 0 "

DAL

Public Function GetNIOSHReport(ByVal siteId As Integer,

ByVal sortOrder As Integer) As List(Of NIOSHReportBE) Implements IReportDAL.GetNIOSHReport

Using (New Tracer(ConnexusCommonConstants.ConnexusTracer))

Dim paramList As New List(Of DbParameter)

Dim sqlString As New StringBuilder

Dim nioshDataList As New List(Of NIOSHReportBE)

sqlString.Append(ReportQueries.NioshQuery)

paramList.Add(ParameterHelper.BuildParameter("issued\_id\_nbr", DbType.String, ConnexusCommonConstants.HazardousDrugClass1))

paramList.Add(ParameterHelper.BuildParameter("issued\_id\_nbr", DbType.String, ConnexusCommonConstants.HazardousDrugClass2))

paramList.Add(ParameterHelper.BuildParameter("issued\_id\_nbr", DbType.String, ConnexusCommonConstants.HazardousDrugClass3))

paramList.Add(ParameterHelper.BuildParameter("issued\_id\_nbr", DbType.String, ConnexusCommonConstants.HazardousDrugFridgeClass1))

paramList.Add(ParameterHelper.BuildParameter("issued\_id\_nbr", DbType.String, ConnexusCommonConstants.HazardousDrugFridgeClass2))

paramList.Add(ParameterHelper.BuildParameter("issued\_id\_nbr", DbType.String, ConnexusCommonConstants.HazardousDrugFridgeClass3))

If sortOrder = NIOSHReportSortOption.DrugName Then ' sort by drug name

sqlString.Append(" ORDER BY pp.short\_name asc; ")

ElseIf sortOrder = NIOSHReportSortOption.NDC Then ' sort by ndc

sqlString.Append(" ORDER BY pi.ndc\_nbr asc; ")

ElseIf sortOrder = NIOSHReportSortOption.ClassName Then 'Sort by Class name

sqlString.Append(" ORDER BY pir.issued\_id\_nbr asc; ")

ElseIf sortOrder = NIOSHReportSortOption.OnHands Then 'Sort by On hands

sqlString.Append(" ORDER BY pi.on\_hand\_qty asc; ")

End If

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

sqlString.ToString, paramList)

Dim nioshDataBE As NIOSHReportBE

While dataReader.Read

nioshDataBE = New NIOSHReportBE

nioshDataBE.DrugName = SafeConvert.ToString(dataReader.GetValue(dataReader.GetOrdinal("short\_name")))

nioshDataBE.NDC = SafeConvert.ToString(dataReader.GetValue(dataReader.GetOrdinal("ndc\_nbr")))

nioshDataBE.ClassName = SafeConvert.ToString(dataReader.GetValue(dataReader.GetOrdinal("issued\_id\_nbr")))

nioshDataBE.OnHand = SafeConvert.ToDecimal(dataReader.GetValue(dataReader.GetOrdinal("on\_hand\_qty")))

nioshDataList.Add(nioshDataBE)

End While

If nioshDataList IsNot Nothing AndAlso nioshDataList.Count > 0 Then

Return nioshDataList

Else

Return Nothing

End If

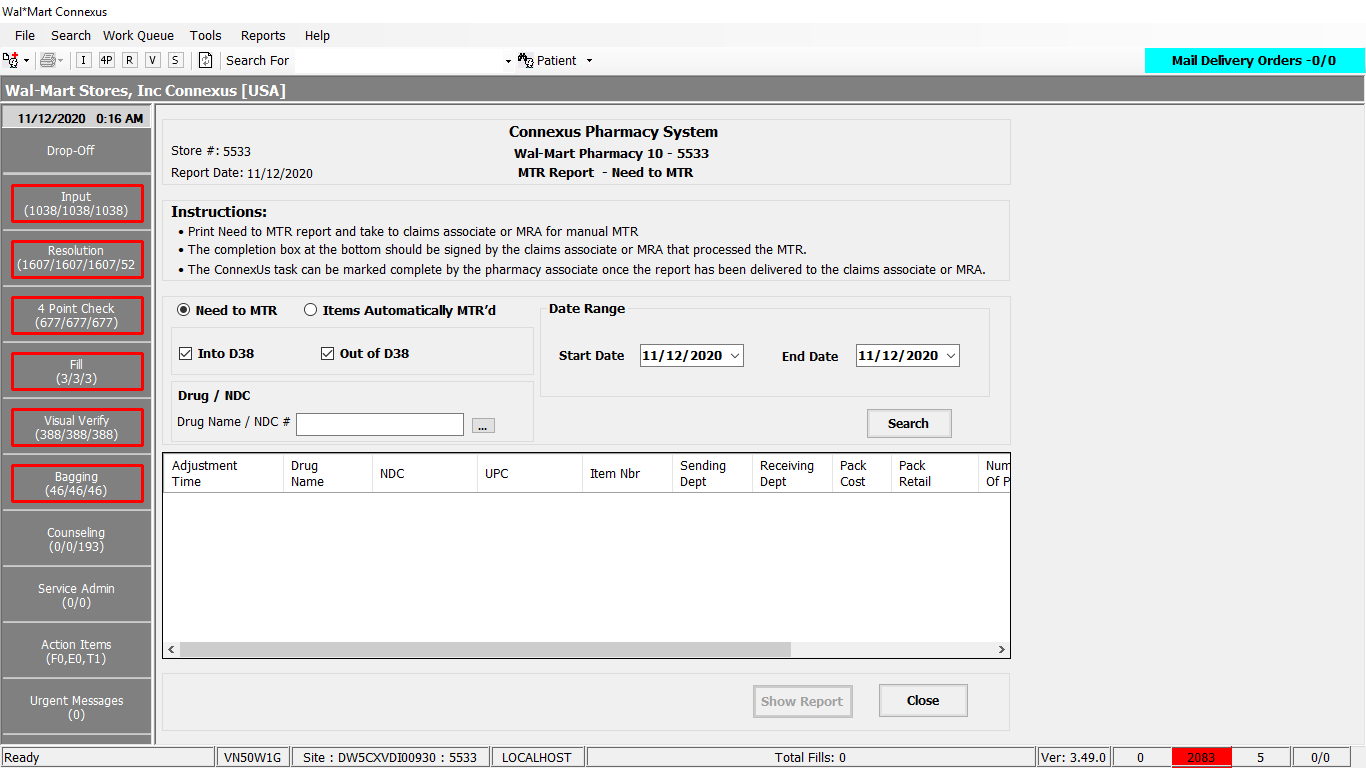
End Using

End function

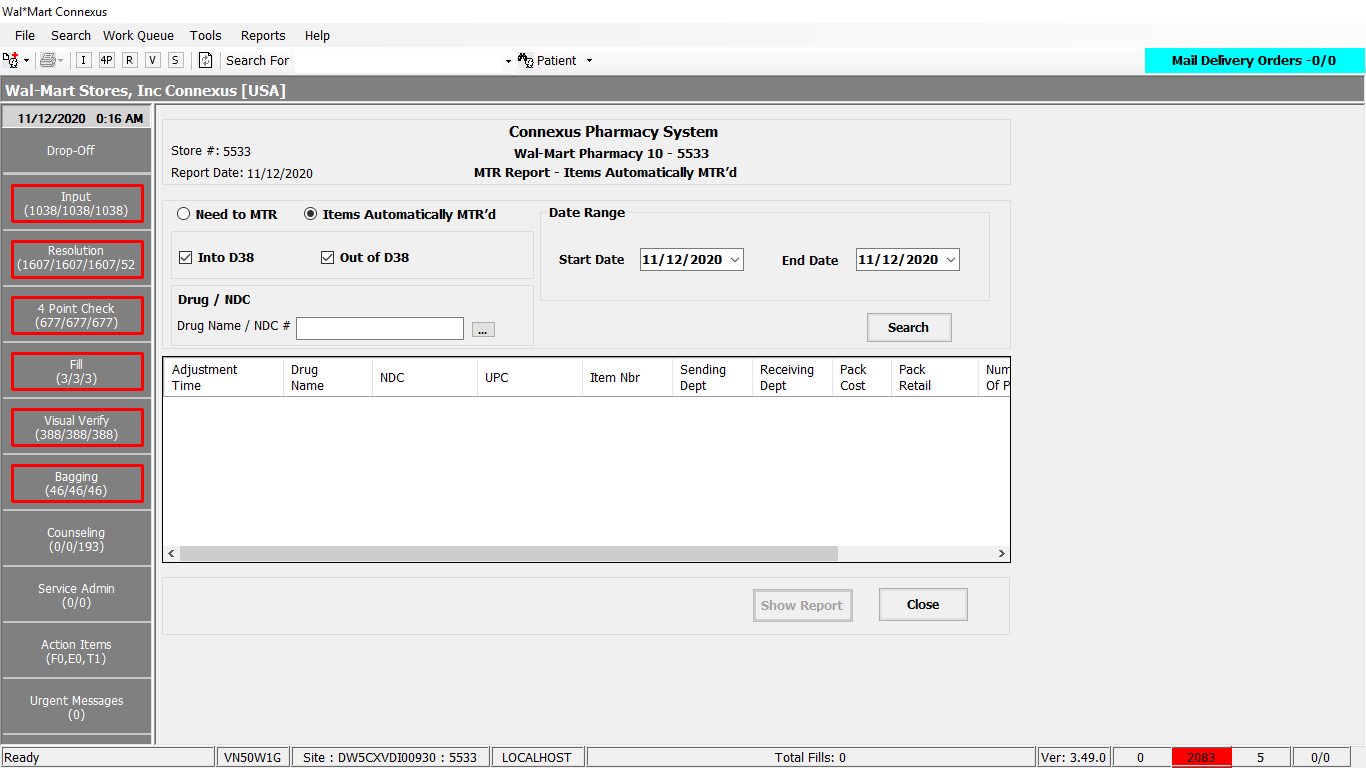
# 20.Reports/Inventory Reports/ MTR Report:

Request:

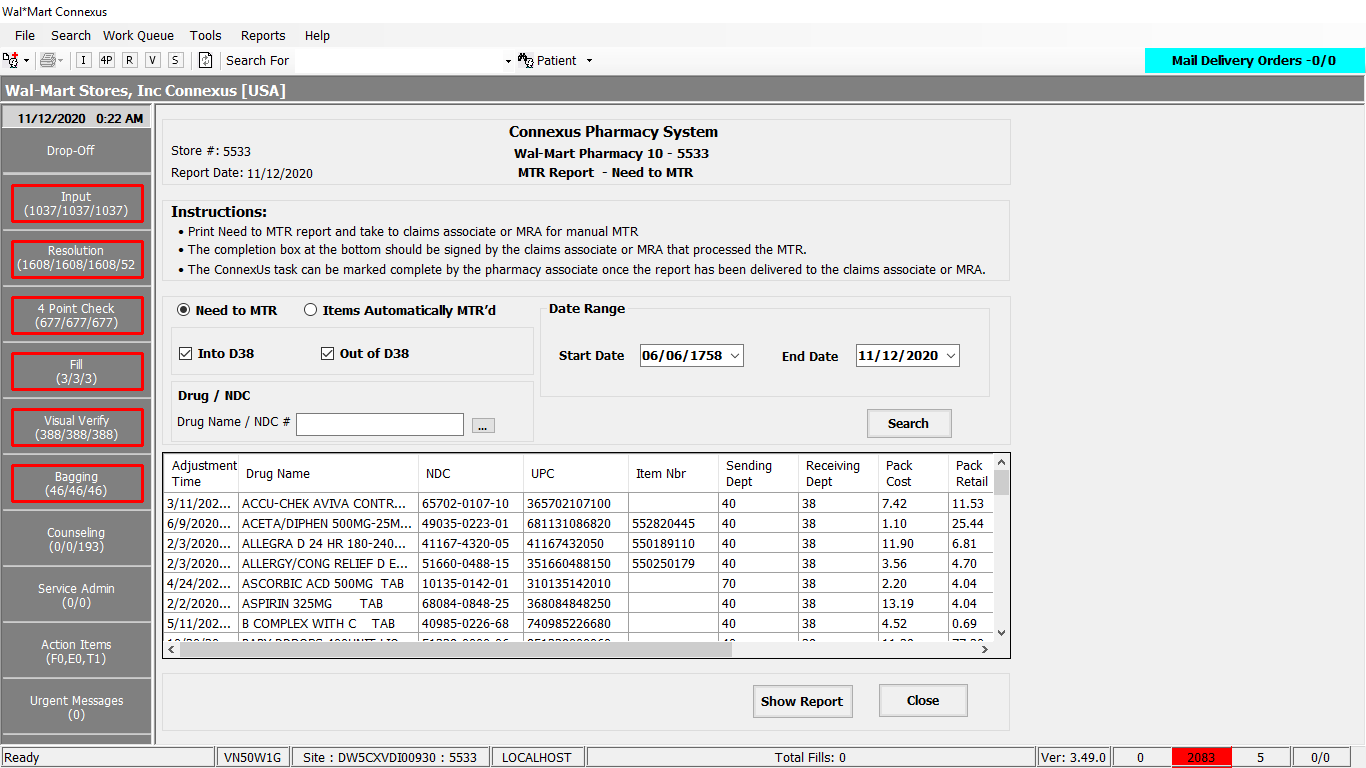
(View for “Need to MTR” checked)



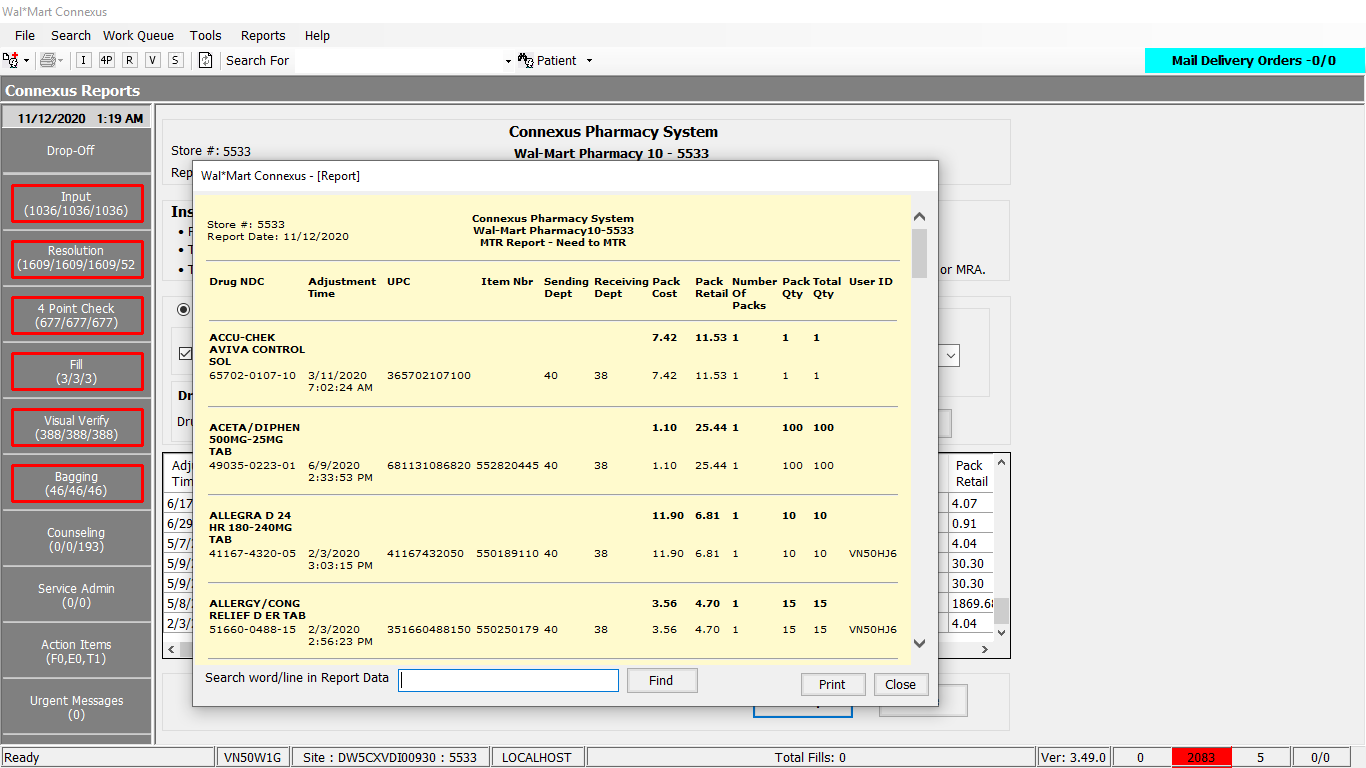
(View for “Items for Automatically MTR’d” checked)

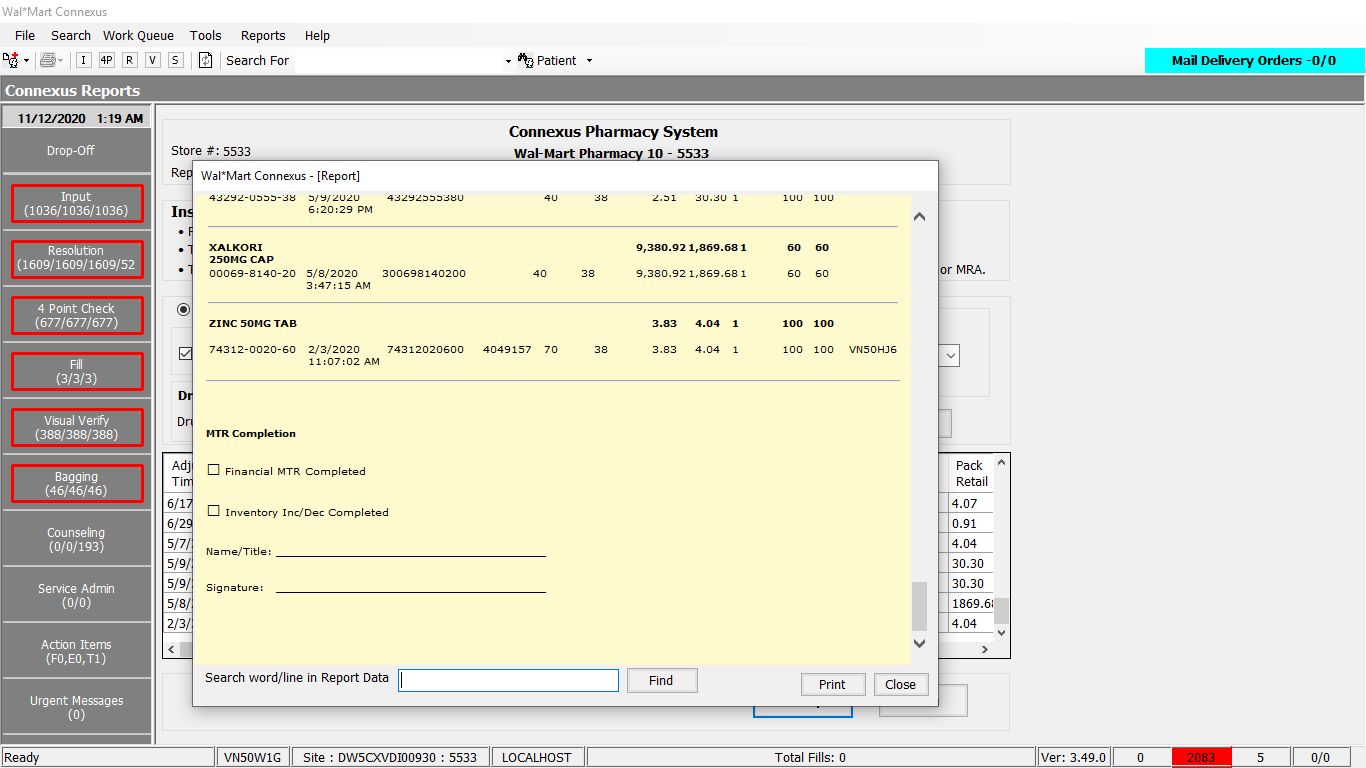


View after search click in “Need to MTR”:



Response:





Query

s Public Const GetMerchTransferRequestReportInfoQuery As String = " SELECT pi.mds\_fam\_id,pp.product\_mds\_fam\_id,pi.ndc\_nbr, pi.upc\_nbr,pi.dept\_nbr, pi.item\_nbr, pp.short\_name,retail\_txn\_amt packretail,

CAST((pi.inner\_pack\_qty \* pi.outer\_pack\_qty) AS int) packqty,piia.adjmt\_ts,

(pi.INNER\_PACK\_QTY\*pi.OUTER\_PACK\_QTY\*pic.phm\_item\_cost\_amt) As packcost, piia.adjmt\_type\_code

,piia.adjmt\_status\_code,(piia.adjmt\_qty / (pi.inner\_pack\_qty \* pi.outer\_pack\_qty)) AS numberOfPacks , wot.last\_change\_userid userid, ((piia.adjmt\_qty / (pi.inner\_pack\_qty \* pi.outer\_pack\_qty))\*(pi.inner\_pack\_qty \* pi.outer\_pack\_qty)) AS totalQty

FROM pharmacy\_offering:phm\_item\_inv\_adjmt\_log piia,

pharmacy\_offering:pharmacy\_item pi,

pharmacy\_offering:pharmacy\_product pp

, OUTER (pharmacy\_offering:phm\_item\_cost pic)

, OUTER rx21c:work\_order\_task wot

WHERE piia.adjmt\_type\_code in (?, ?)

AND piia.adjmt\_status\_code in (?, ?, ?)

AND piia.adjmt\_ts BETWEEN ? AND ?

AND pi.dept\_nbr != ?

AND (piia.adjmt\_qty / (pi.inner\_pack\_qty \* pi.outer\_pack\_qty)) >= 1.0

AND piia.adjmt\_ref\_nbr = wot.work\_order\_id

AND piia.mds\_fam\_id = pi.mds\_fam\_id

AND pp.product\_mds\_fam\_id= pi.product\_mds\_fam\_id

AND piia.mds\_fam\_id = pic.mds\_fam\_id

AND pic.cost\_type\_code = 3001

AND pic.effective\_date =(SELECT MAX( effective\_date ) FROM pharmacy\_offering:phm\_item\_cost pic2

WHERE pi.mds\_fam\_id = pic2.mds\_fam\_id AND pic2.cost\_type\_code = 3001 )"

Public Const IsValidDrug As String = "SELECT COUNT(short\_name) FROM pharmacy\_product WHERE short\_name = ?"

DAL

Public Function GetMerchTransferRequestReportInfo(ByVal siteId As Integer, ByVal productMdsFamID As Integer, ByVal startDate As String, ByVal endDate As String) As List(Of MerchTransferRequestInfoBE) Implements IItemDAL.GetMerchTransferRequestReportInfo

Using (New Tracer(ConnexusCommonConstants.ConnexusTracer))

Dim mtrInfoList As New List(Of MerchTransferRequestInfoBE)

Dim paramList As New List(Of DbParameter)

Dim querySQL As New StringBuilder

Dim local As New LocalizationManager

querySQL.Append(ItemQueries.GetMerchTransferRequestReportInfoQuery)

paramList.AddParameter(DbType.Int16, ConnexusCommonConstants.PrescriptionsFilledAdjmtTypeCode)

paramList.AddParameter(DbType.Int16, ConnexusCommonConstants.PrescriptionsCancelledAdjmtTypeCode)

paramList.AddParameter(DbType.Int16, ConnexusCommonConstants.PendingItemsToDepartment38AdjustmentStatusCodes1)

paramList.AddParameter(DbType.Int16, ConnexusCommonConstants.PendingItemsToDepartment38AdjustmentStatusCodes2)

paramList.AddParameter(DbType.Int16, ConnexusCommonConstants.TransferredItemsToDepartment38AdjustmentStatusCode)

paramList.AddParameter(DbType.String, startDate)

paramList.AddParameter(DbType.String, endDate)

paramList.AddParameter(DbType.Int16, ConnexusCommonConstants.Department38)

If productMdsFamID > 0 Then

paramList.AddParameter(DbType.Int32, productMdsFamID)

querySQL.Append(" AND pp.product\_mds\_fam\_id= ? ")

End If

querySQL.Append(ItemQueries.GetMerchTransferRequestReportInfoOrderBy)

Using dr As IDataReader = ExecuteReader(DatabaseEnum.Pharmacy\_Offering, siteId, querySQL.ToString, paramList)

'Retrieve data from datareader to data entity

While dr.Read

Dim mtrinfo As New MerchTransferRequestInfoBE

With mtrinfo

.NdcNumber = String.Format(local, "{0:N}", dr.GetValueOrDefault(Of String)("ndc\_nbr").SafeTrim)

.ProductMdsFamId = dr.GetValueOrDefault(Of Integer)("product\_mds\_fam\_id")

.DrugName = dr.GetValueOrDefault(Of String)("short\_name").SafeTrim

.UpcNumber = If(SafeConvert.ToString(dr.GetValueOrDefault(Of Decimal)("upc\_nbr")) = "0", " ",

SafeConvert.ToString(dr.GetValueOrDefault(Of Decimal)("upc\_nbr")))

.DepartmentNumber = dr.GetValueOrDefault(Of Int16)("dept\_nbr")

.ItemNumber = If(SafeConvert.ToString(dr.GetValueOrDefault(Of Integer)("item\_nbr")) = "0", " ",

SafeConvert.ToString(dr.GetValueOrDefault(Of Integer)("item\_nbr")))

.PackRetail = dr.GetValueOrDefault(Of Decimal)("packretail")

.PackQuantity = dr.GetValueOrDefault(Of Integer)("packqty")

.AdjustmentTimeStamp = SafeConvert.ToDateTime(dr.GetValueOrDefault(Of DateTime?)("adjmt\_ts"))

.PackCost = dr.GetValueOrDefault(Of Decimal)("packcost")

.NumberOfPacks = dr.GetValueOrDefault(Of Decimal)("numberOfPacks")

.AdjustmentTypeCode = dr.GetValueOrDefault(Of Int16)("adjmt\_type\_code")

.AdjustmentStatusCode = dr.GetValueOrDefault(Of Int16)("adjmt\_status\_code")

.TotalQuantity = dr.GetValueOrDefault(Of Decimal)("totalQty")

If .AdjustmentTypeCode = ConnexusCommonConstants.PrescriptionsFilledAdjmtTypeCode Then

.ReceivingDepartmentNumber = ConnexusCommonConstants.Department38

.SendingDepartmentNumber = .DepartmentNumber

Else

.ReceivingDepartmentNumber = .DepartmentNumber

.SendingDepartmentNumber = ConnexusCommonConstants.Department38

End If

.UserId = dr.GetValueOrDefault(Of String)("userid").SafeTrim

End With

mtrInfoList.Add(mtrinfo)

End While

Return mtrInfoList

End Using

End Using

End Function

-----------------------------------------------------------

Public Function IsValidDrug(ByVal siteId As Integer, ByVal drugName As String) As Boolean Implements IItemDAL.IsValidDrug

Using (New Tracer(ConnexusCommonConstants.ConnexusTracer))

Dim isValid As Boolean = False

Dim paramList As New List(Of DbParameter)

paramList.AddParameter(DbType.String, drugName.Trim, "DrugName")

Dim count As Integer = Convert.ToInt32(ExecuteScalar(DatabaseEnum.Pharmacy\_Offering, siteId, ItemQueries.IsValidDrug, paramList))

isValid = count > 0

Return isValid

End Using

End Function