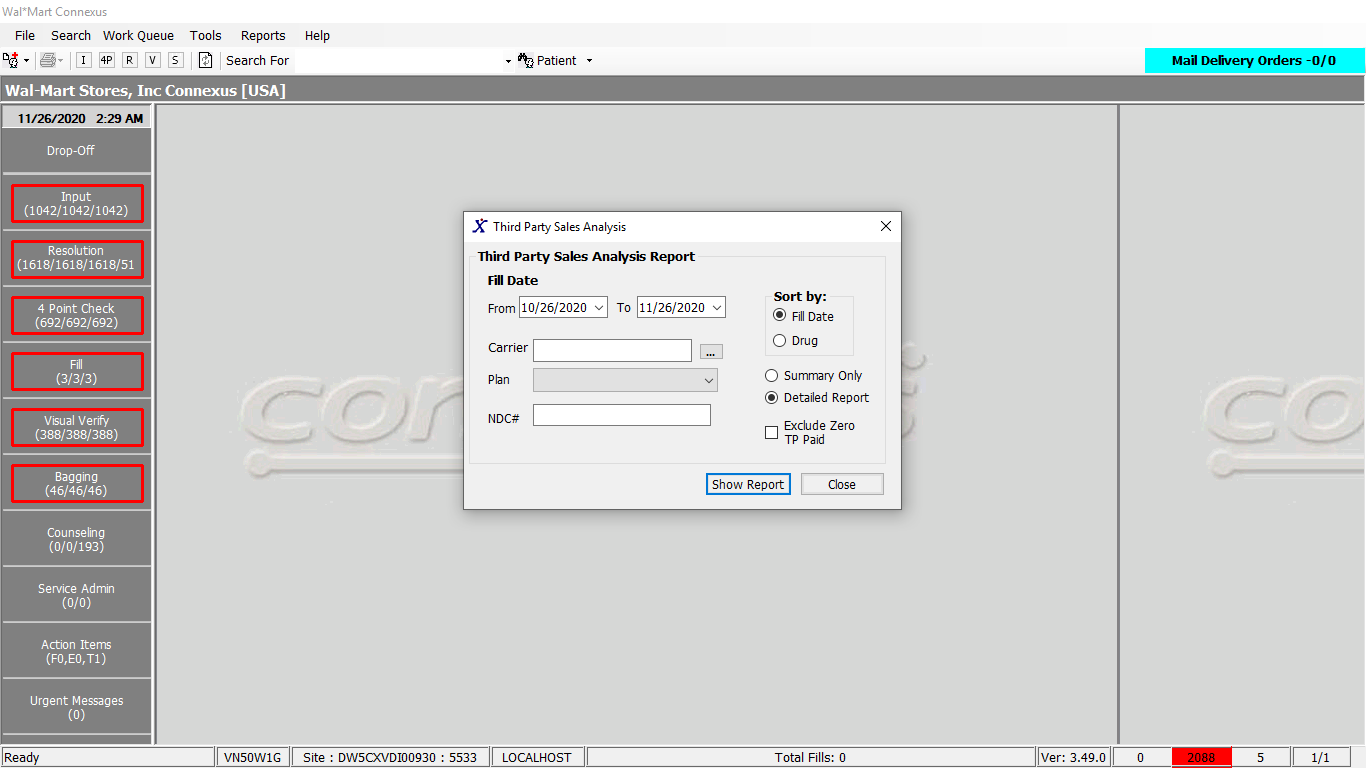
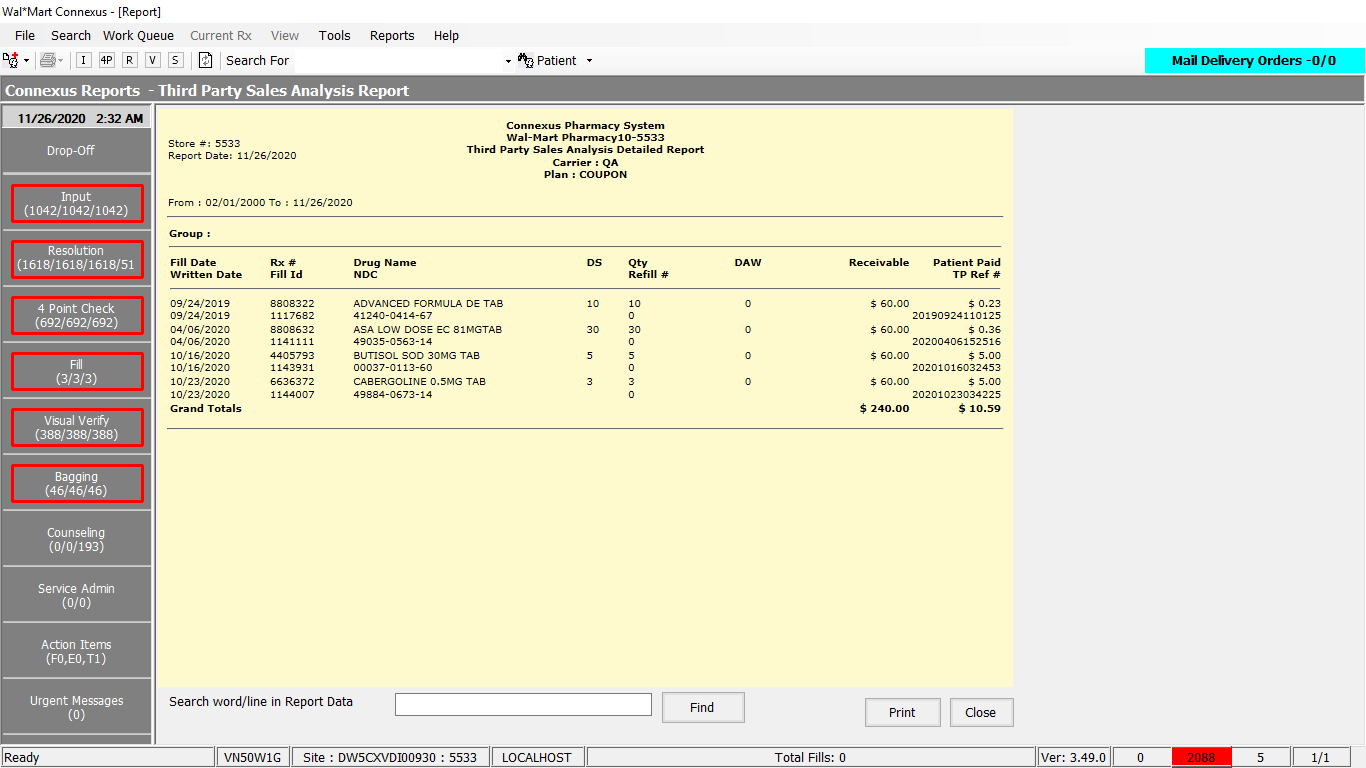
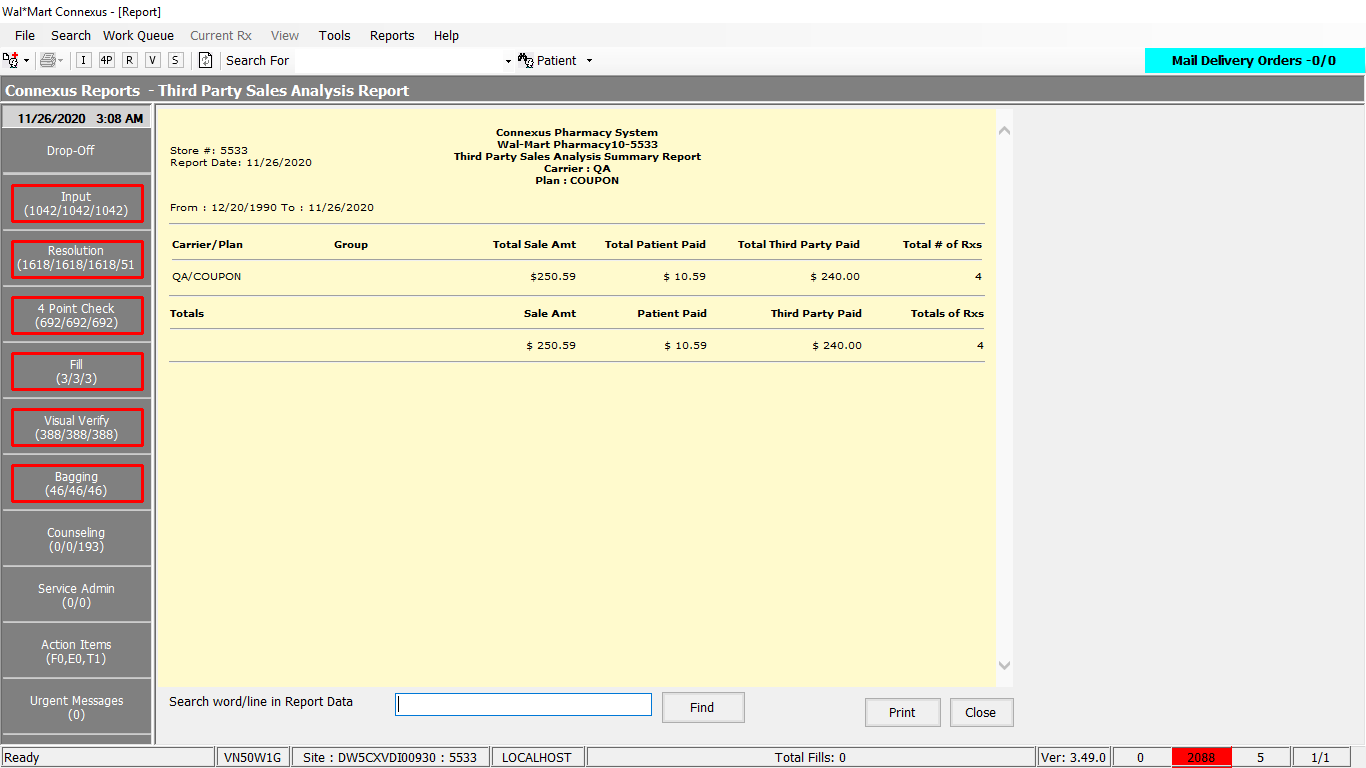
## Reports/ Third Party Report/ Third Party Sales Analysis:

Request:



Response:





Query:

1. Public Const GetCountryCode As String = "SELECT country\_code FROM bus\_unit\_addr WHERE bu\_nbr = ?"

2. Friend Const GetThirdPartySalesAnalysisReportDataPart1 As String =

"SELECT rsd.aff\_party\_id , phm\_co\_name\_abbr, rsd.ins\_carr\_plan\_id, icp.ins\_plan\_ref\_code, " &

"cs51.tp\_group\_id,SUM(rf.pos\_sale\_amt) total\_sale\_amt, SUM(rsd.txn\_amt) total\_tp\_amt, SUM(( " &

"SELECT NVL(pos\_patient\_amt,0) FROM pos\_activity pa " &

"WHERE pa.rx\_fill\_id = rf.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))) total\_pat\_amt, COUNT(rsd.rx\_fill\_id) totalrx " &

"FROM rx rx,rx\_fill rf,rx\_sale\_detail rsd,ins\_carrier\_plan icp, claim\_submn cs51,phm\_company phmc " &

"WHERE rx.rx\_id = rf.rx\_id " &

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

"AND rf.third\_party\_ind = 'Y' " &

"AND rf.pos\_ts IS NOT NULL " &

"AND rf.pos\_sale\_amt IS NOT NULL "

3.Friend Const GetThirdPartySalesAnalysisReportDataPart1D0 As String =

"SELECT rsd.aff\_party\_id , phm\_co\_name\_abbr, rsd.ins\_carr\_plan\_id, " &

"ins.ins\_plan\_ref\_code,'' tp\_group\_id,SUM(rf.pos\_sale\_amt) total\_sale\_amt, " &

"SUM(rsd.txn\_amt) total\_tp\_amt,SUM((SELECT NVL(pos\_patient\_amt,0)FROM pos\_activity pa " &

"WHERE pa.rx\_fill\_id = rf.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))) total\_pat\_amt, " &

"COUNT(rsd.rx\_fill\_id) totalrx " &

"FROM rx rx,rx\_fill rf,rx\_sale\_detail rsd,ins\_carrier\_plan ins,insurance\_card ic , " &

"ins\_card\_particpnt ins1, phm\_company phmc ,claim\_response cr," &

"OUTER plan\_billing\_group pl ,OUTER plan\_billing\_group pl1 " &

"WHERE rx.rx\_id = rf.rx\_id " &

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

"AND rf.third\_party\_ind = 'Y' " &

"AND rf.pos\_ts IS NOT NULL " &

"AND rf.pos\_sale\_amt IS NOT NULL "

4. Friend Const GetThirdPartySalesAnalysisReportDataPart2 As String =

"AND rf.status\_code = 20401 AND rsd.status\_code IN (21005, 21010) " &

"AND phmc.phm\_co\_id = rsd.aff\_party\_id " &

"AND rsd.aff\_party\_id = icp.carrier\_co\_id " &

"AND rsd.ins\_carr\_plan\_id = icp.ins\_carr\_plan\_id " &

"AND cs51.claim\_submn\_id = (SELECT MAX(cst51.claim\_submn\_id) " &

"FROM claim\_submn\_trnsm cst51,claim\_resp cr51, claim\_resp\_trnsm crt51 " &

"WHERE cst51.claim\_submn\_id = cr51.claim\_submn\_id " &

"AND cst51.rx\_fill\_id = rf.rx\_fill\_id " &

"AND crt51.claim\_resp\_id = cr51.claim\_resp\_id " &

"AND crt51.resp\_stat\_code IN ('P','D','C')) " &

"AND rf.fill\_date >= ? AND rf.fill\_date <= ? "

5.Friend Const GetThirdPartySalesAnalysisReportDataPart2D0 As String =

"AND rf.status\_code = 20401 " &

"AND rsd.status\_code IN (21005, 21010) " &

"AND phmc.phm\_co\_id = rsd.aff\_party\_id " &

"AND rsd.aff\_party\_id = ins.carrier\_co\_id " &

"AND ins1.carrier\_co\_id = rsd.aff\_party\_id " &

"AND ins1.ins\_carr\_plan\_id = rsd.ins\_carr\_plan\_id " &

"AND ins1.cardholder\_id = rsd.aff\_prty\_ref\_id " &

"AND ic.carrier\_co\_id = ins1.carrier\_co\_id " &

"AND ic.ins\_carr\_plan\_id = ins1.ins\_carr\_plan\_id " &

"AND ic.cardholder\_id = ins1.cardholder\_id " &

"AND rsd.ins\_carr\_plan\_id = ins.ins\_carr\_plan\_id " &

"AND cr.ins\_carr\_plan\_id = rsd.ins\_carr\_plan\_id " &

"AND cr.rx\_fill\_id=rsd.rx\_fill\_id " &

"AND ins1.patient\_id=rx.patient\_id " &

"AND pl.carrier\_co\_id = ic.carrier\_co\_id " &

"AND pl.ins\_carr\_plan\_id = ic.ins\_carr\_plan\_id " &

"AND pl.bill\_grp\_seq\_nbr = ic.bill\_grp\_seq\_nbr " &

"AND pl1.carrier\_co\_id = ins1.carrier\_co\_id " &

"AND pl1.ins\_carr\_plan\_id = ins1.ins\_carr\_plan\_id " &

"AND pl1.bill\_grp\_seq\_nbr = ins1.bill\_grp\_seq\_nbr " &

"AND claim\_response\_id=(SELECT MAX(cr1.claim\_response\_id) " &

"FROM claim\_response cr1 " &

"WHERE cr1.rx\_fill\_id=rsd.rx\_fill\_id " &

"AND cr1.ins\_carr\_plan\_id = rsd.ins\_carr\_plan\_id " &

"AND cr1.carrier\_co\_id = rsd.aff\_party\_id " &

"AND cr1. response\_code IN (1901,1902,1905)) " &

"AND rf.fill\_date >=? " &

"AND rf.fill\_date<=? "

6. Friend Const GetThirdPartySalesAnalysisReportDataPart3 As String =

"AND rf.status\_code = 20401 " &

"AND rsd.status\_code IN (21005, 21010) " &

"AND phmc.phm\_co\_id = rsd.aff\_party\_id " &

"AND rsd.aff\_party\_id = icp.carrier\_co\_id " &

"AND rsd.ins\_carr\_plan\_id = icp.ins\_carr\_plan\_id " &

"AND cs51.claim\_submn\_id = (SELECT MAX(cst51.claim\_submn\_id) " &

"FROM claim\_submn\_trnsm cst51,claim\_resp cr51, claim\_resp\_trnsm crt51 " &

"WHERE cst51.claim\_submn\_id = cr51.claim\_submn\_id " &

"AND cst51.rx\_fill\_id = rf.rx\_fill\_id " &

"AND crt51.claim\_resp\_id = cr51.claim\_resp\_id " &

"AND crt51.resp\_stat\_code IN ('A','B')) " &

"AND rf.fill\_date >= ? " &

"AND rf.fill\_date <= ? "

7.Friend Const GetThirdPartySalesAnalysisReportDataPart2D0 As String =

"AND rf.status\_code = 20401 " &

"AND rsd.status\_code IN (21005, 21010) " &

"AND phmc.phm\_co\_id = rsd.aff\_party\_id " &

"AND rsd.aff\_party\_id = ins.carrier\_co\_id " &

"AND ins1.carrier\_co\_id = rsd.aff\_party\_id " &

"AND ins1.ins\_carr\_plan\_id = rsd.ins\_carr\_plan\_id " &

"AND ins1.cardholder\_id = rsd.aff\_prty\_ref\_id " &

"AND ic.carrier\_co\_id = ins1.carrier\_co\_id " &

"AND ic.ins\_carr\_plan\_id = ins1.ins\_carr\_plan\_id " &

"AND ic.cardholder\_id = ins1.cardholder\_id " &

"AND rsd.ins\_carr\_plan\_id = ins.ins\_carr\_plan\_id " &

"AND cr.ins\_carr\_plan\_id = rsd.ins\_carr\_plan\_id " &

"AND cr.rx\_fill\_id=rsd.rx\_fill\_id " &

"AND ins1.patient\_id=rx.patient\_id " &

"AND pl.carrier\_co\_id = ic.carrier\_co\_id " &

"AND pl.ins\_carr\_plan\_id = ic.ins\_carr\_plan\_id " &

"AND pl.bill\_grp\_seq\_nbr = ic.bill\_grp\_seq\_nbr " &

"AND pl1.carrier\_co\_id = ins1.carrier\_co\_id " &

"AND pl1.ins\_carr\_plan\_id = ins1.ins\_carr\_plan\_id " &

"AND pl1.bill\_grp\_seq\_nbr = ins1.bill\_grp\_seq\_nbr " &

"AND claim\_response\_id=(SELECT MAX(cr1.claim\_response\_id) " &

"FROM claim\_response cr1 " &

"WHERE cr1.rx\_fill\_id=rsd.rx\_fill\_id " &

"AND cr1.ins\_carr\_plan\_id = rsd.ins\_carr\_plan\_id " &

"AND cr1.carrier\_co\_id = rsd.aff\_party\_id " &

"AND cr1. response\_code IN (1901,1902,1905)) " &

"AND rf.fill\_date >=? " &

"AND rf.fill\_date<=? "

8.Friend Const GetThirdPartySalesAnalysisReportDataPart4 As String =

"(SELECT rx.rx\_id, rsd.aff\_party\_id , phm\_co\_name\_abbr, rsd.ins\_carr\_plan\_id, icp.ins\_plan\_ref\_code, " &

"cs51.tp\_group\_id, rf.fill\_date, rx.rx\_written\_date, rx.rx\_nbr, rf.rx\_fill\_id, rf.rx\_fill\_seq\_nbr, " &

"rsd.txn\_amt, CASE WHEN rx.compound\_ind ='Y' THEN c.compound\_name " &

"WHEN rx.compound\_ind !='Y' THEN pp.short\_name END drug\_name, CASE WHEN rx.compound\_ind ='Y' " &

"THEN 'COMPOUND' ELSE pi.ndc\_nbr END ndc\_nbr,rx.fill\_days\_sply\_qty, rf.fill\_qty, pct.code\_abbr daw, " &

"(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 = rf.rx\_fill\_id)) tpref , " &

"(SELECT NVL(pos\_patient\_amt,0) FROM pos\_activity pa " &

"WHERE pa.rx\_fill\_id = rf.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 = rf.rx\_fill\_id " &

"AND pos\_txn\_type\_code = 5700) posact\_count, " &

"rf.patient\_due\_amt, roc.code\_abbr origin " &

"FROM rx rx, rx\_fill rf, rx\_fill\_item rfi, pharmacy\_code\_txt pct, " &

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

"ins\_carrier\_plan icp,claim\_submn cs51, phm\_company phmc, " &

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

"OUTER rx\_origin\_text roc " &

"WHERE rx.rx\_id = rf.rx\_id " &

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

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

"AND rf.daw\_code=pct.code\_id " &

"AND rf.third\_party\_ind = 'Y' " &

"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 rf.pos\_ts IS NOT NULL " &

"AND rf.pos\_sale\_amt IS NOT NULL " &

"AND rf.status\_code = 20401 " &

"AND rsd.status\_code IN (21005, 21010) " &

"AND phmc.phm\_co\_id = rsd.aff\_party\_id " &

"AND rsd.aff\_party\_id = icp.carrier\_co\_id " &

"AND rsd.ins\_carr\_plan\_id = icp.ins\_carr\_plan\_id " &

"AND rx.rx\_origin\_code = roc.rx\_origin\_code "

9. Friend Const GetThirdPartySalesAnalysisReportDataPart3D0 As String =

"SELECT rx.rx\_id, rsd.aff\_party\_id , phm\_co\_name\_abbr, rsd.ins\_carr\_plan\_id, " &

"icp.ins\_plan\_ref\_code,'' tp\_group\_id, rf.fill\_date, rx.rx\_written\_date, rx.rx\_nbr,rf.rx\_fill\_id, " &

"rf.rx\_fill\_seq\_nbr, rsd.txn\_amt," &

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

"WHEN rx.compound\_ind !='Y' THEN pp.short\_name END drug\_name , " &

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

"'COMPOUND' ELSE pi.ndc\_nbr END ndc\_nbr,rx.fill\_days\_sply\_qty, rf.fill\_qty,pct.code\_abbr daw, " &

"(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 = rf.rx\_fill\_id)) tpref, ( " &

"SELECT NVL(pos\_patient\_amt,0) " &

"FROM pos\_activity pa " &

"WHERE pa.rx\_fill\_id = rf.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 = rf.rx\_fill\_id " &

"AND pos\_txn\_type\_code = 5700) posact\_count, rf.patient\_due\_amt, roc.code\_abbr origin " &

"FROM rx rx, rx\_fill rf, rx\_fill\_item rfi, pharmacy\_code\_txt pct, OUTER (rx\_compound rxc, compound c), " &

"rx\_sale\_detail rsd, ins\_carrier\_plan icp,insurance\_card ic ,ins\_card\_particpnt icp1 " &

",phm\_company phmc,pos\_activity pa,pharmacy\_offering:pharmacy\_product pp " &

",pharmacy\_offering:pharmacy\_item pi,claim\_response cr, " &

"OUTER plan\_billing\_group pl, " &

"OUTER plan\_billing\_group pl1, " &

"OUTER rx\_origin\_text roc " &

"WHERE rx.rx\_id = rf.rx\_id " &

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

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

"AND rf.daw\_code=pct.code\_id " &

"AND rf.third\_party\_ind = 'Y' " &

"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 rf.pos\_ts IS NOT NULL " &

"AND rf.pos\_sale\_amt IS NOT NULL " &

"AND rf.status\_code = 20401 " &

"AND rsd.status\_code IN (21005,21010) " &

"AND phmc.phm\_co\_id = rsd.aff\_party\_id " &

"AND rsd.aff\_party\_id = icp.carrier\_co\_id " &

"AND rsd.ins\_carr\_plan\_id = icp.ins\_carr\_plan\_id " &

"AND rx.rx\_origin\_code = roc.rx\_origin\_code " &

"AND icp1.carrier\_co\_id = rsd.aff\_party\_id " &

"AND icp1.ins\_carr\_plan\_id = rsd.ins\_carr\_plan\_id " &

"AND icp1.cardholder\_id = rsd.aff\_prty\_ref\_id " &

"AND icp1.patient\_id=rx.patient\_id " &

"AND ic.carrier\_co\_id = icp1.carrier\_co\_id " &

"AND ic.ins\_carr\_plan\_id = icp1.ins\_carr\_plan\_id " &

"AND ic.cardholder\_id = icp1.cardholder\_id " &

"AND pl.carrier\_co\_id = ic.carrier\_co\_id " &

"AND pl.ins\_carr\_plan\_id = ic.ins\_carr\_plan\_id " &

"AND pl.bill\_grp\_seq\_nbr = ic.bill\_grp\_seq\_nbr " &

"AND pl1.carrier\_co\_id = icp1.carrier\_co\_id " &

"AND pl1.ins\_carr\_plan\_id = icp1.ins\_carr\_plan\_id " &

"AND pl1.bill\_grp\_seq\_nbr = icp1.bill\_grp\_seq\_nbr " &

"AND cr.carrier\_co\_id = rsd.aff\_party\_id " &

"AND cr.ins\_carr\_plan\_id = rsd.ins\_carr\_plan\_id " &

"AND cr.rx\_fill\_id=rsd.rx\_fill\_id " &

"AND pa.rx\_fill\_id = rf.rx\_fill\_id "

10. Friend Const GetThirdPartySalesAnalysisReportDataPart5 As String =

"AND cs51.claim\_submn\_id = (SELECT MAX(cst51.claim\_submn\_id) " &

"FROM claim\_submn\_trnsm cst51,claim\_resp cr51 ,claim\_resp\_trnsm crt51 " &

"WHERE cst51.claim\_submn\_id = cr51.claim\_submn\_id " &

"AND cst51.rx\_fill\_id = rf.rx\_fill\_id " &

"AND crt51.claim\_resp\_id = cr51.claim\_resp\_id " &

"AND crt51.resp\_stat\_code IN ('P','D','C')) " &

"AND rf.fill\_date >= ? AND rf.fill\_date <= ? "

11.Friend Const GetThirdPartySalesAnalysisReportDataPart4D0 As String =

"AND cr.claim\_response\_id = (SELECT MAX(cr1.claim\_response\_id) " &

"FROM claim\_response cr1 " &

"WHERE cr1.rx\_fill\_id=rsd.rx\_fill\_id " &

"AND cr1.ins\_carr\_plan\_id = rsd.ins\_carr\_plan\_id " &

"AND cr1.carrier\_co\_id = rsd.aff\_party\_id " &

"AND cr1. response\_code IN (1901,1902,1905)) " &

"AND rf.fill\_date >=? AND rf.fill\_date<=? "

12.Friend Const GetThirdPartySalesAnalysisReportDataPart6 As String =

"AND cs51.claim\_submn\_id = (SELECT MAX(cst51.claim\_submn\_id) " &

"FROM claim\_submn\_trnsm cst51,claim\_resp cr51 ,claim\_resp\_trnsm crt51 " &

"WHERE cst51.claim\_submn\_id = cr51.claim\_submn\_id " &

"AND cst51.rx\_fill\_id = rf.rx\_fill\_id " &

"AND crt51.claim\_resp\_id = cr51.claim\_resp\_id " &

"AND crt51.resp\_stat\_code IN ('A','B')) " &

"AND rf.fill\_date >= ? " &

"AND rf.fill\_date <= ? "

DAL:

Public Shared Function QueryPlan(ByVal siteId As Integer) As List(Of Entities.ThirdParty.PlanByInfoBE)

Using New Tracer(ConnexusCommonConstants.ConnexusTracer)

Dim queryString As New StringBuilder

queryString.Append("SELECT i.carrier\_co\_id,i.ins\_carr\_plan\_id, ")

queryString.Append(" i.ins\_plan\_ref\_code, i.ins\_carr\_plan\_name ")

queryString.Append(" FROM ins\_carrier\_plan i ")

queryString.Append("WHERE (carr\_plan\_exp\_date >= TODAY OR carr\_plan\_exp\_date is null)")

queryString.Append(" ORDER BY i.ins\_plan\_ref\_code")

Dim planByInfoBE As Entities.ThirdParty.PlanByInfoBE

Dim planByInfoBEList As New List(Of Entities.ThirdParty.PlanByInfoBE)

Using planReader As IDataReader = ExecuteReader(DatabaseEnum.rx21c, siteId, queryString.ToString())

While planReader.Read()

planByInfoBE = New Entities.ThirdParty.PlanByInfoBE

If Not planReader.IsDBNull(planReader.GetOrdinal("carrier\_co\_id")) Then

planByInfoBE.InsCarrCOId = planReader.GetInt32(planReader.GetOrdinal("carrier\_co\_id"))

End If

If Not planReader.IsDBNull(planReader.GetOrdinal("ins\_carr\_plan\_id")) Then

planByInfoBE.InsCarrPlanId = planReader.GetInt32(planReader.GetOrdinal("ins\_carr\_plan\_id"))

End If

If Not planReader.IsDBNull(planReader.GetOrdinal("ins\_plan\_ref\_code")) Then

planByInfoBE.InsPlanRefCode = planReader.GetString(planReader.GetOrdinal("ins\_plan\_ref\_code")).Trim

End If

If Not planReader.IsDBNull(planReader.GetOrdinal("ins\_carr\_plan\_name")) Then

planByInfoBE.InsCarrPlanName = planReader.GetString(planReader.GetOrdinal("ins\_carr\_plan\_name")).Trim

End If

planByInfoBEList.Add(planByInfoBE)

End While

End Using

Return planByInfoBEList

End Using

End Function

Public Shared Function GetCountryCode(ByVal siteId As Integer) As String

'Retrieves the Business Unit Id From the database

Dim buId As Integer = GetBUId(siteId)

Dim paramList As New List(Of DbParameter)

'Adds BuNbr parameter

Dim paramBuNbr As DbParameter = New Odbc.OdbcParameter

paramBuNbr.DbType = DbType.String

paramBuNbr.Value = buId

paramList.Add(paramBuNbr)

Using countryCodeDR As IDataReader = ExecuteReader(Common.DatabaseEnum.rx21c, siteId,

CacheManagerQueries.GetCountryCode, paramList)

Dim countryCode As String = Nothing

While countryCodeDR.Read()

If Not countryCodeDR.IsDBNull(countryCodeDR.GetOrdinal("country\_code")) Then

countryCode = countryCodeDR.GetString \_

(countryCodeDR.GetOrdinal(ServicesCommonConstants.CountryCode)).Trim

End If

End While

Return countryCode

End Using

End Function

Public Function GetThirdPartySalesAnalysisReportData(ByVal siteId As Integer,

ByVal getThirdPartySalesAnalysisReportDataInputInfo As \_

GetThirdPartySalesAnalysisReportDataInputInfoBE) As \_

List(Of GetTPSalesAnalysisReportDataBE) Implements IReportDAL.GetThirdPartySalesAnalysisReportData

Using (New Tracer(ConnexusCommonConstants.ConnexusTracer))

Dim orderBy As String = String.Empty

Dim getTPSalesAnalysisReportBEList As New List(Of GetTPSalesAnalysisReportDataBE)

Dim sqlstring As New StringBuilder

'Start Changes PBI000000005757 : Changed by Infosys support team on 05 June 2014

'D0 Query Changes Implemnted for show D0 plans in report

'Changes for D0 Query

Dim sqlstringD0 As New StringBuilder

If getThirdPartySalesAnalysisReportDataInputInfo.OrderBy = 1 Then

orderBy = "rf.fill\_date"

'Start Changes PBI000000005757: Changed by Infosys support team on 05 June 2014

'SummaryDetailed <> 1 is invalid when select detailed report has been removed

'ElseIf getThirdPartySalesAnalysisReportDataInputInfo.OrderBy = 2 And \_

' getThirdPartySalesAnalysisReportDataInputInfo.SummaryDetailed <> 1 Then

ElseIf getThirdPartySalesAnalysisReportDataInputInfo.OrderBy = 2 Then

'End Changes PBI000000005757: Changed by Infosys support team on 05 June 2014

orderBy = "drug\_name"

End If

Dim paramList As New List(Of DbParameter)

If getThirdPartySalesAnalysisReportDataInputInfo.SummaryDetailed = 0 Then

'SQL Query for Summary Report

sqlstring.Append(ReportQueries.GetThirdPartySalesAnalysisReportDataPart1)

'Changes for D0 Query

sqlstringD0.Append(ReportQueries.GetThirdPartySalesAnalysisReportDataPart1D0)

Select Case CacheWrapperDal.GetActiveCountryCode

Case ServicesCommonConstants.USACC

sqlstring.Append(ReportQueries.GetThirdPartySalesAnalysisReportDataPart2)

'Changes for D0 Query

sqlstringD0.Append(ReportQueries.GetThirdPartySalesAnalysisReportDataPart2D0)

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

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

Case ServicesCommonConstants.CanadaCC

sqlstring.Append(ReportQueries.GetThirdPartySalesAnalysisReportDataPart3)

'Changes for D0 Query

sqlstringD0.Append(ReportQueries.GetThirdPartySalesAnalysisReportDataPart2D0)

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

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

End Select

If getThirdPartySalesAnalysisReportDataInputInfo.ZeroTPPaid = 1 Then

sqlstring.Append("AND rsd.txn\_amt > 0 ") 'Exclude Zero TP Paid

'Changes for D0 Query

sqlstringD0.Append("AND rsd.txn\_amt > 0 ") 'Exclude Zero TP Paid

End If

If (String.Empty & getThirdPartySalesAnalysisReportDataInputInfo.CarrierId).Length > 0 And

(String.Empty & getThirdPartySalesAnalysisReportDataInputInfo.PlanId).Length = 0 \_

And (String.Empty & getThirdPartySalesAnalysisReportDataInputInfo.GroupId).Length = 0 Then

sqlstring.Append("AND rsd.aff\_party\_id =? ")

'Changes for D0 Query

sqlstringD0.Append("AND rsd.aff\_party\_id =? ")

paramList.Add(ParameterHelper.BuildParameter("CarriedId", DbType.String, getThirdPartySalesAnalysisReportDataInputInfo.CarrierId))

ElseIf (String.Empty & getThirdPartySalesAnalysisReportDataInputInfo.CarrierId).Length > 0 And

(String.Empty & getThirdPartySalesAnalysisReportDataInputInfo.PlanId).Length > 0 And

(String.Empty & getThirdPartySalesAnalysisReportDataInputInfo.GroupId).Length = 0 Then

sqlstring.Append("AND rsd.aff\_party\_id = ? ")

sqlstring.Append("AND rsd.ins\_carr\_plan\_id = ? ")

'Changes for D0 Query

sqlstringD0.Append("AND rsd.aff\_party\_id = ? ")

sqlstringD0.Append("AND rsd.ins\_carr\_plan\_id = ? ")

paramList.Add(ParameterHelper.BuildParameter("CarriedId", DbType.String, getThirdPartySalesAnalysisReportDataInputInfo.CarrierId))

paramList.Add(ParameterHelper.BuildParameter("PlanId", DbType.String, getThirdPartySalesAnalysisReportDataInputInfo.PlanId))

'"AND cs51.tp\_group\_id <> '' " (removed because couldn't view summary report)

ElseIf (String.Empty & getThirdPartySalesAnalysisReportDataInputInfo.CarrierId).Length > 0 And

(String.Empty & getThirdPartySalesAnalysisReportDataInputInfo.PlanId).Length > 0 \_

And (String.Empty & getThirdPartySalesAnalysisReportDataInputInfo.GroupId).Length > 0 Then

sqlstring.Append("AND rsd.aff\_party\_id = " & getThirdPartySalesAnalysisReportDataInputInfo.CarrierId)

sqlstring.Append("AND rsd.ins\_carr\_plan\_id = ? ")

sqlstring.Append("AND cs51.tp\_group\_id = ? ")

'Changes for D0 Query

sqlstringD0.Append("AND rsd.aff\_party\_id = " & getThirdPartySalesAnalysisReportDataInputInfo.CarrierId)

sqlstringD0.Append("AND rsd.ins\_carr\_plan\_id = ? ")

sqlstringD0.Append("AND pl.billing\_group\_nbr = ? ")

paramList.Add(ParameterHelper.BuildParameter("PlanId", DbType.String, getThirdPartySalesAnalysisReportDataInputInfo.PlanId))

paramList.Add(ParameterHelper.BuildParameter("GroupId", DbType.String, getThirdPartySalesAnalysisReportDataInputInfo.GroupId))

End If

sqlstring.Append(" GROUP BY 1,2,3,4,5")

'Changes for D0 Query

sqlstringD0.Append(" GROUP BY 1,2,3,4,5")

'Changes for D0 Query

sqlstring.Append(" UNION ")

sqlstring.Append(sqlstringD0)

paramList.AddRange(paramList)

Else

'SQL Query for Detailed

'Dim claimReferenceSql As String

'claimReferenceSql = "(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 = rf.rx\_fill\_id)) tpref "

sqlstring.Append(ReportQueries.GetThirdPartySalesAnalysisReportDataPart4)

'Changes for D0 Query

sqlstringD0.Append(ReportQueries.GetThirdPartySalesAnalysisReportDataPart3D0)

Select Case CacheWrapperDal.GetActiveCountryCode

Case ServicesCommonConstants.USACC

sqlstring.Append(ReportQueries.GetThirdPartySalesAnalysisReportDataPart5)

'Changes for D0 Query

sqlstringD0.Append(ReportQueries.GetThirdPartySalesAnalysisReportDataPart4D0)

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

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

Case ServicesCommonConstants.CanadaCC

sqlstring.Append(ReportQueries.GetThirdPartySalesAnalysisReportDataPart6)

'Changes for D0 Query

sqlstringD0.Append(ReportQueries.GetThirdPartySalesAnalysisReportDataPart4D0)

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

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

End Select

If getThirdPartySalesAnalysisReportDataInputInfo.ZeroTPPaid = 1 Then

sqlstring.Append("AND rsd.txn\_amt > 0 ") 'Exclude Zero TP Paid

'Changes for D0 Query

sqlstringD0.Append("AND rsd.txn\_amt > 0 ") 'Exclude Zero TP Paid

End If

If Not (getThirdPartySalesAnalysisReportDataInputInfo.CarrierId) = Nothing And

(getThirdPartySalesAnalysisReportDataInputInfo.PlanId) = Nothing \_

And (getThirdPartySalesAnalysisReportDataInputInfo.GroupId) = Nothing Then

sqlstring.Append("AND rsd.aff\_party\_id =? ")

'Changes for D0 Query

sqlstringD0.Append("AND rsd.aff\_party\_id =? ")

paramList.Add(ParameterHelper.BuildParameter("CarriedId", DbType.String, getThirdPartySalesAnalysisReportDataInputInfo.CarrierId))

ElseIf Not (getThirdPartySalesAnalysisReportDataInputInfo.CarrierId) = Nothing And

Not (getThirdPartySalesAnalysisReportDataInputInfo.PlanId) = Nothing \_

And (getThirdPartySalesAnalysisReportDataInputInfo.GroupId) = Nothing Then

sqlstring.Append("AND rsd.aff\_party\_id = ? ")

sqlstring.Append("AND rsd.ins\_carr\_plan\_id =? ")

'Changes for D0 Query

sqlstringD0.Append("AND rsd.aff\_party\_id = ? ")

sqlstringD0.Append("AND rsd.ins\_carr\_plan\_id =? ")

paramList.Add(ParameterHelper.BuildParameter("CarriedId", DbType.String, getThirdPartySalesAnalysisReportDataInputInfo.CarrierId))

paramList.Add(ParameterHelper.BuildParameter("PlanId", DbType.String, getThirdPartySalesAnalysisReportDataInputInfo.PlanId))

ElseIf Not (getThirdPartySalesAnalysisReportDataInputInfo.CarrierId) = Nothing And

Not (getThirdPartySalesAnalysisReportDataInputInfo.PlanId) = Nothing \_

And Not (getThirdPartySalesAnalysisReportDataInputInfo.GroupId) = Nothing Then

sqlstring.Append("AND rsd.aff\_party\_id = ? ")

sqlstring.Append("AND rsd.ins\_carr\_plan\_id = ? ")

sqlstring.Append("AND cs51.tp\_group\_id Like ? ")

'Changes for D0 Query

sqlstringD0.Append("AND rsd.aff\_party\_id = ? ")

sqlstringD0.Append("AND rsd.ins\_carr\_plan\_id = ? ")

sqlstringD0.Append("AND pl.billing\_group\_nbr LIKE ? ")

paramList.Add(ParameterHelper.BuildParameter("CarriedId", DbType.String, getThirdPartySalesAnalysisReportDataInputInfo.CarrierId))

paramList.Add(ParameterHelper.BuildParameter("PlanId", DbType.String, getThirdPartySalesAnalysisReportDataInputInfo.PlanId))

paramList.Add(ParameterHelper.BuildParameter("GroupId", DbType.String, getThirdPartySalesAnalysisReportDataInputInfo.GroupId & "%"))

End If

If (getThirdPartySalesAnalysisReportDataInputInfo.NdcIn & String.Empty).Trim.Length > 0 AndAlso Convert.ToInt64(getThirdPartySalesAnalysisReportDataInputInfo.NdcIn.Trim) > 0 Then

sqlstring.Append("AND pi.ndc\_nbr = '" & getThirdPartySalesAnalysisReportDataInputInfo.NdcIn & "' ")

'Changes for D0 Query

sqlstringD0.Append("AND pi.ndc\_nbr = '" & getThirdPartySalesAnalysisReportDataInputInfo.NdcIn & "' ")

End If

'Changes for D0 Query

sqlstring.Append(" UNION ")

sqlstring.Append(sqlstringD0)

sqlstring.Append(" ) ")

paramList.AddRange(paramList)

If orderBy IsNot String.Empty Then

'Start Changes PBI000000005757: Changed by Infosys support team on 05 June 2014

'Removed sort by Group Id as part of D0 Query implementation.

' sqlstring.Append(" ORDER BY cs51.tp\_group\_id, " & orderBy)

'Else

' sqlstring.Append(" ORDER BY cs51.tp\_group\_id ")

sqlstring.Append(" ORDER BY " & orderBy)

'End Changes PBI000000005757: Changed by Infosys support team on 05 June 2014

End If

'End Changes PBI000000005757: Changed by Infosys support team on 05 June 2014

End If

Dim dataReader As IDataReader = ExecuteReader(DatabaseEnum.rx21c, siteId, sqlstring.ToString, paramList)

Dim getTPSalesAnalysisReportBE As New GetTPSalesAnalysisReportDataBE

While dataReader.Read

getTPSalesAnalysisReportBE = New GetTPSalesAnalysisReportDataBE

getTPSalesAnalysisReportBE.GetSummaryDetailsTPSalesAnalysisRptBEList = New List(Of GetSummaryTPSalesAnalysisRptBE)

getTPSalesAnalysisReportBE.GetDetailedTPSalesAnalysisRptBEList = New List(Of GetDetailedTPSalesAnalysisRptBE)

If getThirdPartySalesAnalysisReportDataInputInfo.SummaryDetailed = 0 Then

Dim getSummTPSalesAnalysisReportBE As New GetSummaryTPSalesAnalysisRptBE

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

getSummTPSalesAnalysisReportBE.AffPartyId = CInt(dataReader("aff\_party\_id"))

End If

If Not dataReader.IsDBNull(dataReader.GetOrdinal("ins\_carr\_plan\_id")) Then

getSummTPSalesAnalysisReportBE.InsCarPlanId = CInt(dataReader("ins\_carr\_plan\_id"))

End If

If Not dataReader.IsDBNull(dataReader.GetOrdinal("ins\_plan\_ref\_code")) Then

getSummTPSalesAnalysisReportBE.InsPlanRefCode = CStr(dataReader("ins\_plan\_ref\_code")).Trim

End If

If Not dataReader.IsDBNull(dataReader.GetOrdinal("phm\_co\_name\_abbr")) Then

getSummTPSalesAnalysisReportBE.PhmCoNameAbbr = CStr(dataReader("phm\_co\_name\_abbr")).Trim

End If

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

getSummTPSalesAnalysisReportBE.TotalPatAmount = CDec(dataReader("total\_pat\_amt"))

End If

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

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

End If

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

getSummTPSalesAnalysisReportBE.TotalSaleAmount = CDec(dataReader("total\_sale\_amt"))

End If

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

getSummTPSalesAnalysisReportBE.TotalTPAmount = CDec(dataReader("total\_tp\_amt"))

End If

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

getSummTPSalesAnalysisReportBE.TPGroupId = CStr(dataReader("tp\_group\_id")).Trim

End If

getTPSalesAnalysisReportBE.GetSummaryDetailsTPSalesAnalysisRptBEList.Add(getSummTPSalesAnalysisReportBE)

Else

Dim getDetailTPSalesAnalysisRptBE As New GetDetailedTPSalesAnalysisRptBE

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

getDetailTPSalesAnalysisRptBE.AffPartyId = CInt(dataReader("aff\_party\_id"))

End If

If Not dataReader.IsDBNull(dataReader.GetOrdinal("ins\_carr\_plan\_id")) Then

getDetailTPSalesAnalysisRptBE.InsCarPlanId = CInt(dataReader("ins\_carr\_plan\_id"))

End If

If Not dataReader.IsDBNull(dataReader.GetOrdinal("ins\_plan\_ref\_code")) Then

getDetailTPSalesAnalysisRptBE.InsPlanRefCode = CStr(dataReader("ins\_plan\_ref\_code")).Trim

End If

If Not dataReader.IsDBNull(dataReader.GetOrdinal("phm\_co\_name\_abbr")) Then

getDetailTPSalesAnalysisRptBE.PhmCoNameAbbr = CStr(dataReader("phm\_co\_name\_abbr")).Trim

End If

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

getDetailTPSalesAnalysisRptBE.TPGroupId = CStr(dataReader("tp\_group\_id")).Trim

End If

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

getDetailTPSalesAnalysisRptBE.Daw = CStr(dataReader("daw")).Trim

End If

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

getDetailTPSalesAnalysisRptBE.DrugName = CStr(dataReader("drug\_name")).Trim

End If

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

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

End If

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

getDetailTPSalesAnalysisRptBE.FillDaysSupplyQty = CInt(dataReader("fill\_days\_sply\_qty"))

End If

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

getDetailTPSalesAnalysisRptBE.FillQty = CDec(dataReader("fill\_qty"))

End If

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

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

End If

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

getDetailTPSalesAnalysisRptBE.Origin = CStr(dataReader("origin")).Trim

End If

If Not dataReader.IsDBNull(dataReader.GetOrdinal("patient\_due\_amt")) Then

getDetailTPSalesAnalysisRptBE.PatientDueAmount = CDec(dataReader("patient\_due\_amt"))

End If

If Not dataReader.IsDBNull(dataReader.GetOrdinal("posact\_count")) Then

getDetailTPSalesAnalysisRptBE.PosActCount = CInt(dataReader("posact\_count"))

End If

If Not dataReader.IsDBNull(dataReader.GetOrdinal("posact\_patamt")) Then

getDetailTPSalesAnalysisRptBE.PosActPatAmount = CDec(dataReader("posact\_patamt"))

End If

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

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

End If

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

getDetailTPSalesAnalysisRptBE.RxFillSeqNbr = CInt(dataReader("rx\_fill\_seq\_nbr"))

End If

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

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

End If

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

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

End If

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

getDetailTPSalesAnalysisRptBE.WrittenDate = CDate(dataReader("rx\_written\_date"))

End If

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

getDetailTPSalesAnalysisRptBE.TPRef = CStr(dataReader("tpref")).Trim

End If

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

getDetailTPSalesAnalysisRptBE.TxnAmount = CDec(dataReader("txn\_amt"))

End If

getTPSalesAnalysisReportBE.GetDetailedTPSalesAnalysisRptBEList.Add(getDetailTPSalesAnalysisRptBE)

End If

getTPSalesAnalysisReportBEList.Add(getTPSalesAnalysisReportBE)

End While

If getTPSalesAnalysisReportBEList.Count > 0 Then

Return getTPSalesAnalysisReportBEList

Else

Return Nothing

End If

End Using

End Function

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