SELECT dat.CALMONTH, cust.ADDRCATCODE1, SUM(fact.EXTCOST) AS SUM\_EXTCOST,SUM(fact.QUANTITY) AS SUM\_QUANTITY, GROUPING\_ID(dat.CALMONTH, cust.ADDRCATCODE1) AS GROUPNO

FROM INVENTORY\_FACT fact

JOIN DATE\_DIM dat ON fact.DATEKEY = dat.DATEKEY

JOIN CUST\_VENDOR\_DIM cust ON cust.CUSTVENDORKEY = fact.CUSTVENDORKEY

WHERE fact.TRANSTYPEKEY = 5

AND dat.CALYEAR = 2011

GROUP BY CUBE (dat.CALMONTH, cust.ADDRCATCODE1)

ORDER BY dat.CALMONTH, cust.ADDRCATCODE1;

