select date\_dim.CalMonth,Addr\_Cat\_Code1.AddrCatCodeKey,SUM(inventory\_fact.ExtCost)as ToatalExtCost,SUM(inventory\_fact.Quantity) as TotalQty,

grouping\_id(date\_dim.CalMonth,Addr\_Cat\_Code1.AddrCatCodeKey) as ID

from inventory\_fact inner join date\_dim

on inventory\_fact.datekey=date\_dim.datekey

inner join CUST\_VENDOR\_DIM

on cust\_vendor\_dim.custvendorkey=inventory\_fact.custvendorkey

inner join ADDR\_CAT\_CODE1

on ADDR\_CAT\_CODE1.ADDRCATCODEKEY=cust\_vendor\_dim.Addrcatcode1

where date\_dim.CALYEAR='2011'

group by cube(date\_dim.CalMonth,Addr\_Cat\_Code1.AddrCatCodeKey);

