**query 6**

select addrcatcode1, calmonth, sum(extcost) as cost\_sum, sum(quantity) as quantity\_sum

from inventory\_fact, cust\_vendor\_dim, date\_dim

where transtypekey=5 and

date\_dim.calyear=2011 and

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

inventory\_fact.datekey=date\_dim.datekey

group by (addrcatcode1, date\_dim.calmonth)

union all

select addrcatcode1, null, sum(extcost) as cost\_sum, sum(quantity) as quantity\_sum

from inventory\_fact, cust\_vendor\_dim, date\_dim

where transtypekey=5 and

date\_dim.calyear=2011 and

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

inventory\_fact.datekey=date\_dim.datekey

group by addrcatcode1

union all

select null, calmonth, sum(extcost) as cost\_sum, sum(quantity) as quantity\_sum

from inventory\_fact, cust\_vendor\_dim, date\_dim

where transtypekey=5 and

date\_dim.calyear=2011 and

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

inventory\_fact.datekey=date\_dim.datekey

group by calmonth

union all

select null, null, sum(extcost) as cost\_sum, sum(quantity) as quantity\_sum

from inventory\_fact, cust\_vendor\_dim, date\_dim

where transtypekey=5 and

date\_dim.calyear=2011 and

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

inventory\_fact.datekey=date\_dim.datekey

group by 1,2;

