**query 3**

select companyname, bpname, sum(extcost) as cost\_sum, sum(quantity) as quantity\_sum

from inventory\_fact, branch\_plant\_dim, company\_dim

where transtypekey=2 and

inventory\_fact.branchplantkey=branch\_plant\_dim.branchplantkey and

branch\_plant\_dim.companykey=company\_dim.companykey

group by rollup(company\_dim.companyname, branch\_plant\_dim.bpname)

order by company\_dim.companyname, branch\_plant\_dim.bpname;

