**Query 3**

SELECT DISTINCT

CALMONTH,

ADDRCATCODEKEY,

SUM (SUMEXTCOST),

SUM (SUMQUNATITY)

FROM

SalesByVendorDateKeyMV2011,

DATE\_DIM,

CUST\_VENDOR\_DIM,

ADDR\_CAT\_CODE1

WHERE

SalesByVendorDateKeyMV2011.datekey = DATE\_DIM.DateKey

AND SalesByVendorDateKeyMV2011.CUSTVENDORKEY = CUST\_VENDOR\_DIM.CUSTVENDORKEY

AND CUST\_VENDOR\_DIM.ADDRCATCODE1 = ADDR\_CAT\_CODE1.ADDRCATCODEKEY

GROUP BY CUBE(

CALMONTH,

ADDRCATCODEKEY)

ORDER BY

CALMONTH,

ADDRCATCODEKEY;

