select T.TRANSDESCRIPTION,C.COMPANYNAME,B.BPNAME, count(\*) as num\_transac, sum(I.EXTCOST) as tot\_extcost

from BRANCH\_PLANT\_DIM B inner join COMPANY\_DIM C on B.COMPANYKEY = C.COMPANYKEY

 $inner\ join\ inventory\_fact\quad I\quad on\ B.BRANCHPLANTKEY = I.BRANCHPLANTKEY$ 

inner join TRANS\_TYPE\_DIM T on T.TRANSTYPEKEY=I.TRANSTYPEKEY group by grouping sets((T.TRANSDESCRIPTION,C.COMPANYNAME,B.BPNAME),T.TRANSDESCRIPTION,C.COMPANYNAME,B.BPNAME,());

	<b>♦ COMPANYNAME</b>	BPNAME	NUM_TRANSAC	♦ TOT_EXTCOST
1 Inventory Transfer	Company 1	Branch Plant 1	36	872065
2 Sales Order Shipment	Company 1	Branch Plant 1	427	41607474
3 Inventory Adjustement	Company 1	Branch Plant 1	30	3188065
4 Inventory Simple Issue	Company 1	Branch Plant 1	13	1135272
5 Purchase Order Receipt	Company 1	Branch Plant 1	386	3845522313
6 Inventory Transfer	Company 1	Branch Plant 2	33	1452906
7 Sales Order Shipment	Company 1	Branch Plant 2	435	44037689
8 Inventory Adjustement	Company 1	Branch Plant 2	22	2542496
9 Inventory Simple Issue	Company 1	Branch Plant 2	16	1518859
10 Purchase Order Receipt	Company 1	Branch Plant 2	413	4039660241