Query 7

```
SELECT CompanyName,BPName,SUM(ExtCost) AS COSTSUM,SUM(Quantity) AS QuanSum
FROM Inventory_fact,branch_plant_dim,company_dim
WHERE Inventory_fact.BRANCHPLANTKEY = branch_plant_dim.BRANCHPLANTKEY AND
branch_plant_dim.COMPANYKEY = company_dim.COMPANYKEY AND
Inventory_fact.TransTypeKey = 2
GROUP BY CompanyName,BPName
UNION
SELECT CompanyName,NULL,SUM(ExtCost) AS COSTSUM,SUM(Quantity) AS QuanSum
FROM Inventory_fact,branch_plant_dim,company_dim
WHERE Inventory_fact.BRANCHPLANTKEY = branch_plant_dim.BRANCHPLANTKEY AND
branch_plant_dim.COMPANYKEY = company_dim.COMPANYKEY AND
Inventory_fact.TransTypeKey = 2
GROUP BY CompanyName
UNION
SELECT NULL,NULL,SUM(ExtCost) AS COSTSUM,SUM(Quantity) AS QuanSum
FROM Inventory_fact,branch_plant_dim,company_dim
WHERE Inventory_fact.BRANCHPLANTKEY = branch_plant_dim.BRANCHPLANTKEY AND
branch_plant_dim.COMPANYKEY = company_dim.COMPANYKEY AND
Inventory_fact.TransTypeKey = 2
ORDER BY 1,2;
```

COMPANYNAME	BPNAME	COSTSUM	QUANSUM
Company 1	Branch Plant 1	872065	1141
Company 1	Branch Plant 2	1452906	1183
Company 1	Branch Plant 3	-992788	-726
Company 1	Branch Plant 4	1011788	728
Company 1		2343971	2326
Company 2	Branch Plant 5	133624	-121
Company 2	Branch Plant 6	183894	130
Company 2	Branch Plant 7	488275	205
Company 2	Branch Plant 8	-269480	-289
Company 2		536313	-75
Company 3	Branch Plant 10	-546160	-590

COMPANYNAME	BPNAME	COSTSUM	QUANSUM
Company 3	Branch Plant 11	-468917	-403
Company 3	Branch Plant 12	24238	4
Company 3	Branch Plant 9	362990	533
Company 3		-627849	-456
Company 4	Branch Plant 13	-1262575	-1213
Company 4	Branch Plant 14	269750	401
Company 4	Branch Plant 15	-674220	-559

COMPANYNAME	BPNAME	COSTSUM	QUANSUM
Company 4	Branch Plant 16	-526426	-574
Company 4		-2193471	-1945
Company 5	Branch Plant 17	1165434	1059
Company 5	Branch Plant 18	-670863	-693

COMPANYNAME	BPNAME	COSTSUM	QUANSUM
Company 5	Branch Plant 19	-282431	-114
Company 5	Branch Plant 20	-271104	-102
Company 5		-58964	150
		0	0

 26 rows selected