Query 7

```
SELECT CalYear,SecondItemId,SUM(ExtCost) AS CostSum,RATIO_TO_REPORT(SUM(ExtCost))
      OVER (PARTITION BY CalYear) AS SumCostRatio
 FROM Inventory_fact,Item_master_dim,date_dim
 WHERE Inventory_fact.ItemMasterKey = Item_master_dim.ItemMasterKey AND
Inventory_fact.DateKey = date_dim.DateKey AND Inventory_fact.TransTypeKey = 1
 GROUP BY CalYear,SecondItemId
 ORDER BY CalYear,SUM(ExtCost) DESC;
```

CALYEAR	SECONDITEMID	COSTSUM	SUMCOSTRATIO
2011	Second Part 20	1809863	8.4E-02
2011	Second Part 10	1547769	7.2E-02
2011	Second Part 4	1432612	6.6E-02
2011	Second Part 18	1428655	6.6E-02
2011	Second Part 3	1412170	6.5E-02
2011	Second Part 11	1390063	6.4E-02
2011	Second Part 9	1294296	6.0E-02
2011	Second Part 15	1161102	5.4E-02
2011	Second Part 12	1139753	5.3E-02
2011	Second Part 6	1104316	5.1E-02
2011	Second Part 14	1102972	5.1E-02

CALYEAR	SECONDITEMID	COSTSUM	SUMCOSTRATIO
2011	Second Part 19	1024749	4.7E-02
2011	Second Part 13	1001231	4.6E-02
2011	Second Part 17	941992	4.4E-02
2011	Second Part 1	883627	4.1E-02
2011	Second Part 8	866137	4.0E-02
2011	Second Part 2	812296	3.8E-02
2011	Second Part 5	703838	3.3E-02
2011	Second Part 7	320893	1.5E-02
2011	Second Part 16	197109	9.1E-03
2012	Second Part 19	1683219	8.0E-02
2012	Second Part 1	1645843	7.8E-02

CALYEAR	SECONDITEMID	COSTSUM	SUMCOSTRATIO
2012	Second Part 11	1309388	6.2E-02
2012	Second Part 2	1247564	5.9E-02
2012	Second Part 9	1205411	5.7E-02
2012	Second Part 17	1143031	5.5E-02

CALYEAR	SECONDITEMID	COSTSUM	SUMCOSTRATIO
2012	Second Part 12	1124337	5.4E-02
2012	Second Part 7	1070234	5.1E-02
2012	Second Part 6	1060060	5.1E-02
2012	Second Part 20	1033998	4.9E-02
2012	Second Part 3	1032252	4.9E-02
2012	Second Part 13	978579	4.7E-02
2012	Second Part 15	965580	4.6E-02

CALYEAR	SECONDITEMID	COSTSUM	SUMCOSTRATIO
2012	Second Part 10	951109	4.5E-02
2012	Second Part 8	800939	3.8E-02
2012	Second Part 16	796832	3.8E-02
2012	Second Part 5	785009	3.7E-02
2012	Second Part 4	763671	3.6E-02
2012	Second Part 18	746267	3.6E-02
2012	Second Part 14	627465	3.0E-02

40 rows selected