Lab 4 Report

Session: 2022 – 2026

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Submitted to:
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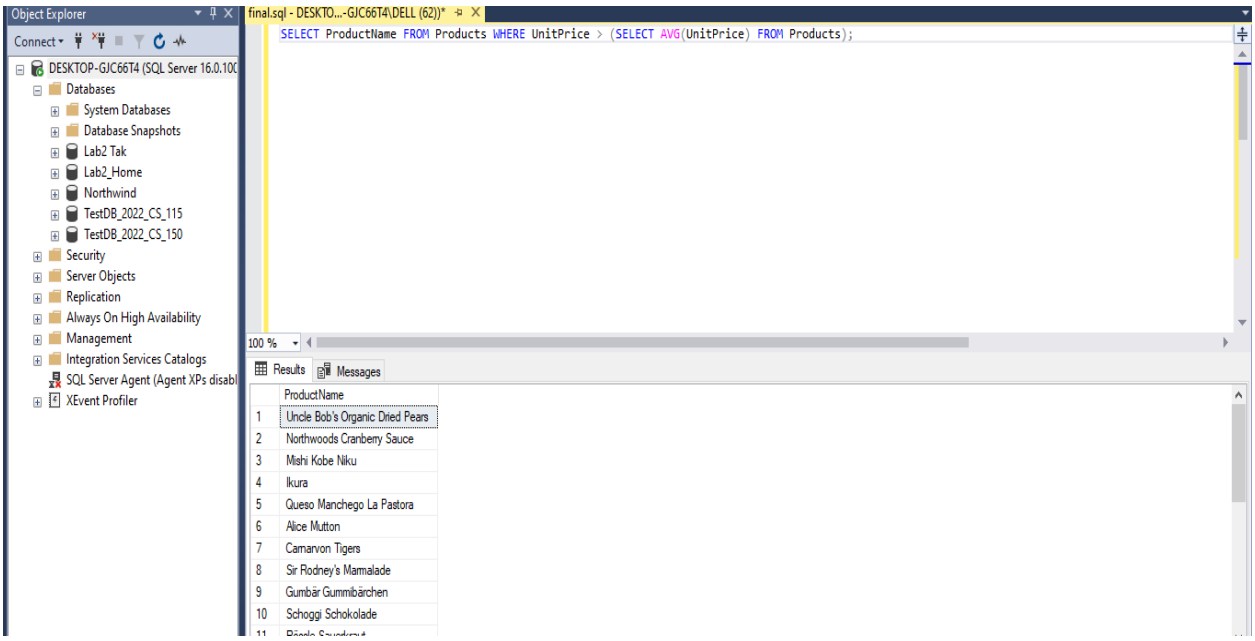
Home Task

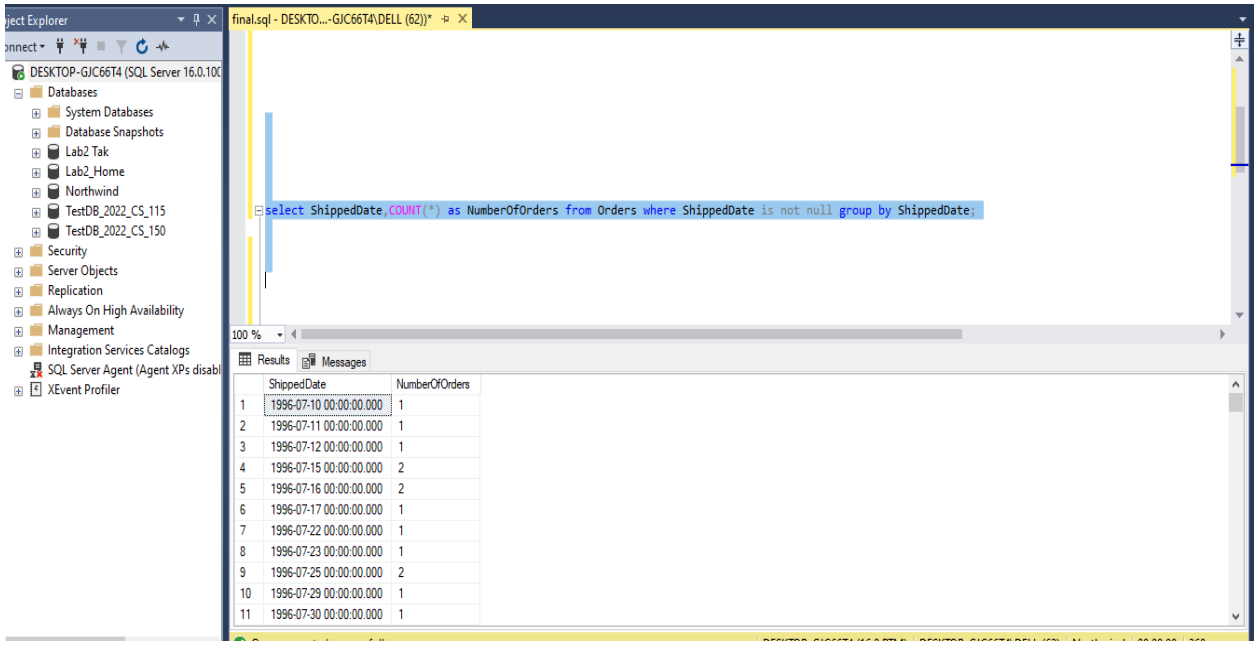
Q1:List name of all the products whose price is above average. (Product Name)

SELECT ProductName FROM Products WHERE UnitPrice ¿ (SELECT AVG(UnitPrice) FROM Products);¿ RequiredDate;



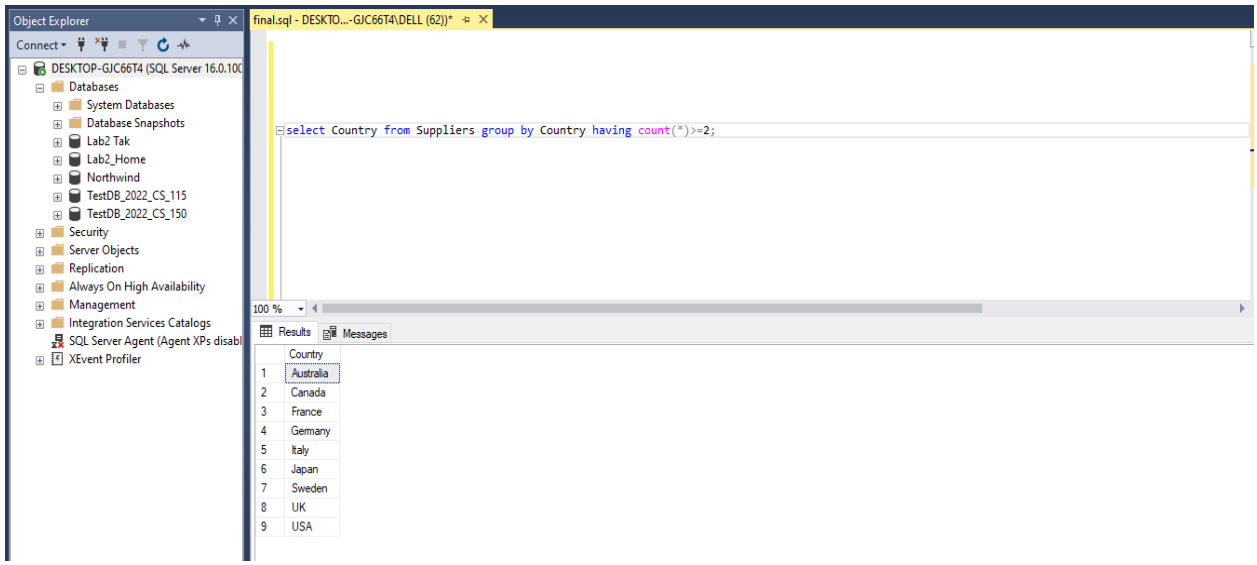
Q2:Write a query to generate report showing date wise orders shipped. (ShippedDate, numberoforders)

select ShippedDate,COUNT(*) as NumberOfOrders from Orders where ShippedDate is not null group by ShippedDate;



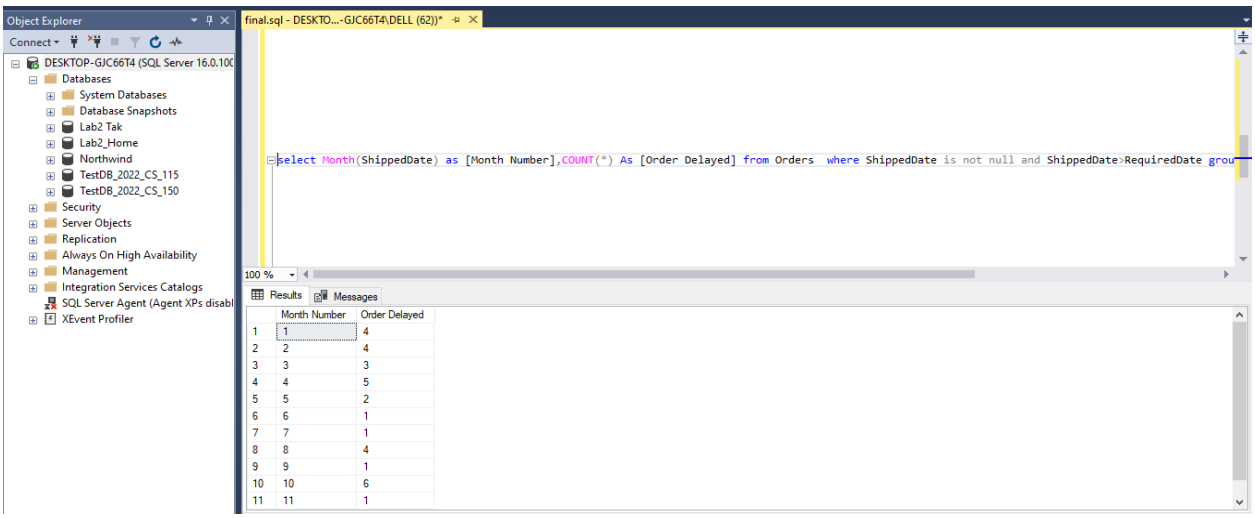
Q3:List name of all countries from where two or more suppliers belong to. (Country)

select Country from Suppliers group by Country having count(*)¿=2;



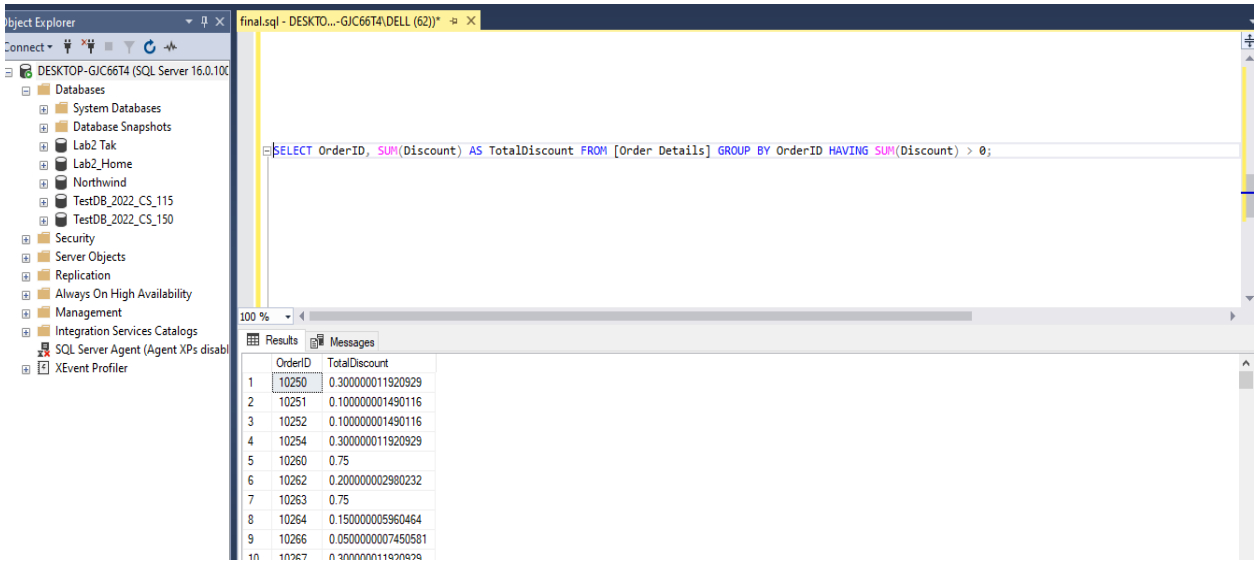
Q4:Write a query to generate report showing month wise orders delayed shipped. Your output should look like this (Month Number, Orders Delayed)

select Month(ShippedDate) as [Month Number],COUNT(*) As [Order Delayed] from Orders where ShippedDate is not null and ShippedDate¿RequiredDate group by MONTH(ShippedDate) ;



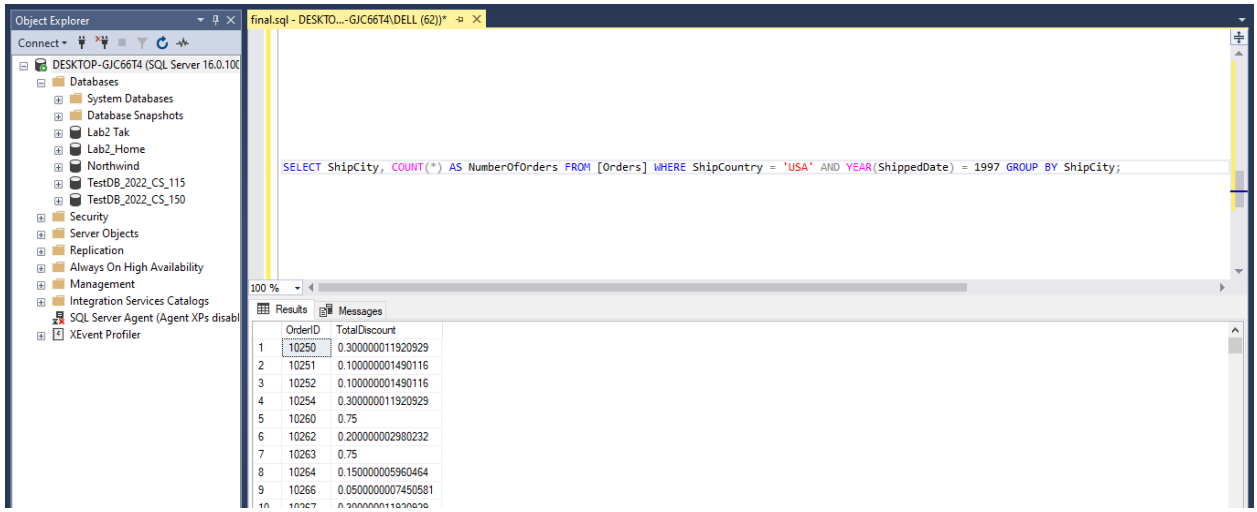
Q5:Report all the orders which have been discounted. Your result should show the total discount against each order. Output should look like this (Order ID, Discount)

SELECT OrderID, SUM(Discount) AS TotalDiscount FROM [Order Details] GROUP BY OrderID HAVING SUM(Discount) ¿ 0;



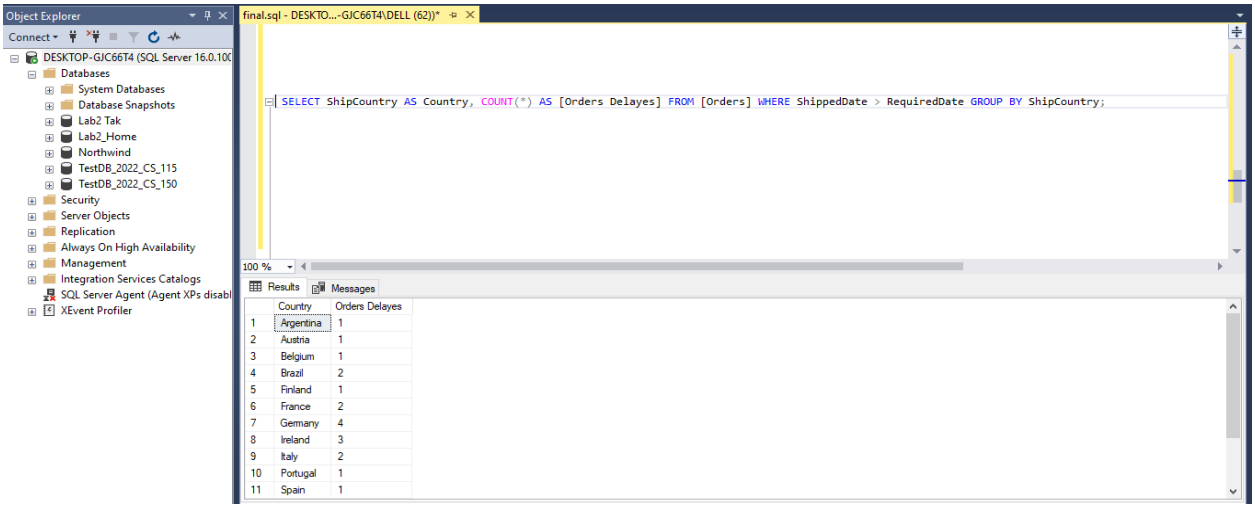
Q6:Write a query to list the number of orders which were shipped in the cities of USA in 1997. Show the number of order against each city. (Ship City, Number of orders)

SELECT ShipCity, COUNT(*) AS NumberOfOrders FROM [Orders] WHERE ShipCountry = 'USA' AND YEAR(ShippedDate) = 1997 GROUP BY ShipCity;



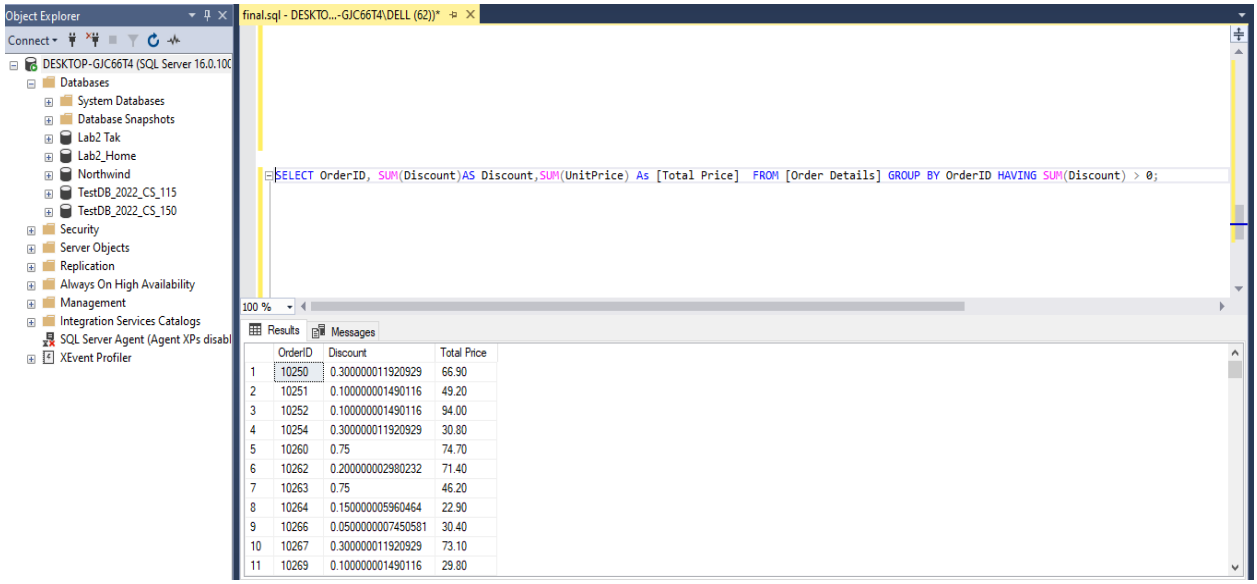
Q7:Write a query to generate report showing country wise orders delayed shipped. Your output should look like this: (Country, Orders Delayes)

SELECT ShipCountry AS Country, COUNT(*) AS [Orders Delayes] FROM [Orders] WHERE ShippedDate ¿ RequiredDate GROUP BY ShipCountry;



Q8:Report all the orders which have been discounted with total price of order. Your result should show the total discount against each order. Output should look like this: (Order ID, Discount, Total Price)

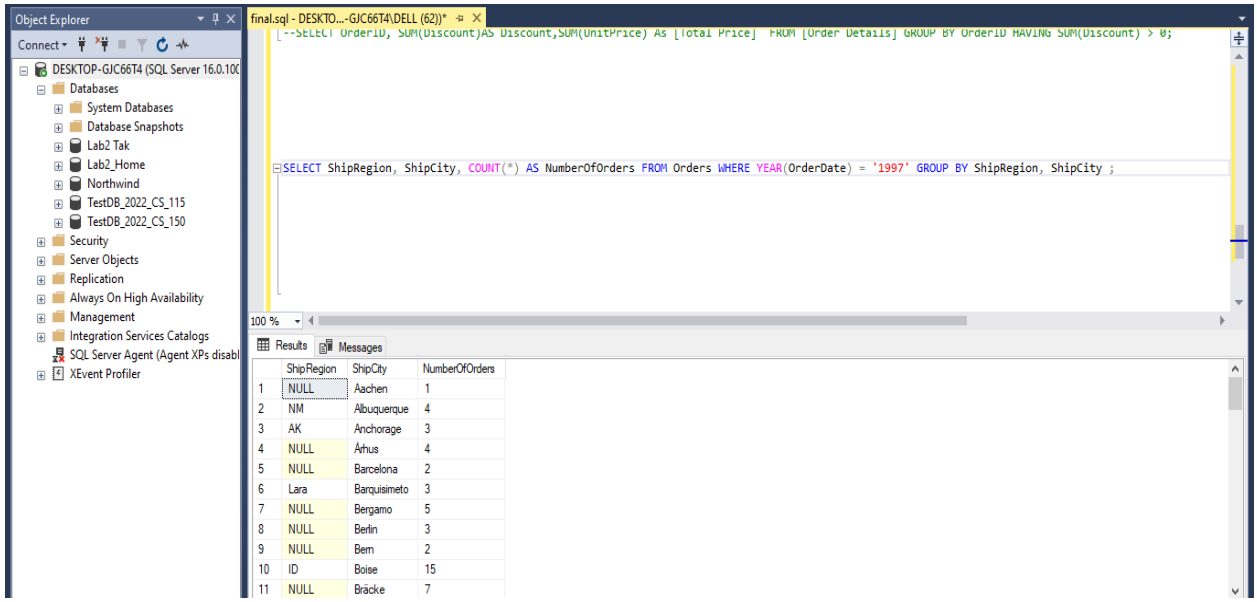
SELECT OrderID, SUM(Discount)AS Discount,SUM(UnitPrice) As [Total Price] FROM [Order Details] GROUP BY OrderID HAVING SUM(Discount) ¿ 0;



	OrderID	Discount	Total Price
1	10250	0.300000011920929	66.90
2	10251	0.100000001490116	49.20
3	10252	0.100000001490116	94.00
4	10254	0.300000011920929	30.80
5	10260	0.75	74.70
6	10262	0.200000002980232	71.40
7	10263	0.75	46.20
8	10264	0.150000005960464	22.90
9	10266	0.0500000007450581	30.40
10	10267	0.300000011920929	73.10
11	10269	0.100000001490116	29.80

Q9:Write a query to list the number of orders which were shipped in the cities of each region in 1997. Show the number of order against each city. Your results should look like this: (ShipRegion, ShipCity, Numberoforders)

SELECT ShipRegion, ShipCity, COUNT(*) AS NumberOfOrders FROM Orders WHERE YEAR(OrderDate) = '1997' GROUP BY ShipRegion, ShipCity ;


Object Explorer
Connect
DESKTOP-GJC66T4 (SQL Server 16.0.100
Databases
System Databases
Database Snapshots
Lab2 Tak
Lab2_Home
Northwind
TestDB_2022_CS_115
TestDB_2022_CS_150
Security
Server Objects
Replication
Always On High Availability
Management
Integration Services Catalogs
SQL Server Agent (Agent XPs disabl
XEvent Profiler
final.sql - DESKTO...-GJC66T4\DELL (62))*
--SELECT OrderID, SUM(Discount)AS Discount,SUM(UnitPrice) As [Total Price] FROM [Order Details] GROUP BY OrderID HAVING SUM(Discount) > 0;
SELECT ShipRegion, ShipCity, COUNT(*) AS NumberOfOrders FROM Orders WHERE YEAR(OrderDate) = '1997' GROUP BY ShipRegion, ShipCity ;
100 %
Results
Messages
ShipRegion ShipCity NumberOfOrders
1 NULL Aachen 1
2 NM Albuquerque 4
3 AK Anchorage 3
4 NULL Århus 4
5 NULL Barcelona 2
6 Lara Barquisimeto 3
7 NULL Bergamo 5
8 NULL Berlin 3
9 NULL Bern 2
10 ID Boise 15
11 NULL Bräcke 7