

Helpful Hint #29 – Service Goal Demand by Education Level.

This helpful hint will allow you to see a statewide count of service goals for clients, based on their highest education level. It uses SQL*Plus to produce these data for a specific quarter (in this case April – June 2005).

Log on to SQL*Plus by entering your user name, password, and “prismp” for the host string. For more information about SQL*Plus, please refer to the PRISM Desk Manual <www.oregon.gov/PRISM/docs/deskmanual.pdf> beginning at page 40.

There are four parts of code for this query. Simply copy and paste each part into SQL*Plus. Under each section of code, is a description of what it does.

```
SELECT PRISM.POST_OUTCOME_PERF_RPTS.INTAKE_YEAR_QTR,  
PRISM.GRADE.LG_DESC,  
PRISM.GOAL_CODES.GOAL_DESCRIPTION,  
Count(PRISM.GOALS.SUBJECT_ID) AS CountOfSUBJECT_ID
```

This part chooses the tables you would like the query to search.

```
FROM (PRISM.POST_OUTCOME_PERF_RPTS INNER JOIN  
(PRISM.GOALS INNER JOIN PRISM.GOAL_CODES ON  
PRISM.GOALS.GOAL_CODE = PRISM.GOAL_CODES.GOAL_CODE)  
ON (PRISM.POST_OUTCOME_PERF_RPTS.INTAKE_DT =  
PRISM.GOALS.INTAKE_DT) AND  
(PRISM.POST_OUTCOME_PERF_RPTS.AGENCY_CODE =  
PRISM.GOALS.AGENCY_CODE) AND  
(PRISM.POST_OUTCOME_PERF_RPTS.SUBJECT_ID =  
PRISM.GOALS.SUBJECT_ID))  
INNER JOIN PRISM.GRADE ON  
PRISM.POST_OUTCOME_PERF_RPTS.LAST_GRADE =  
PRISM.GRADE.LAST_GRADE
```

This part establishes links between the various tables you selected.

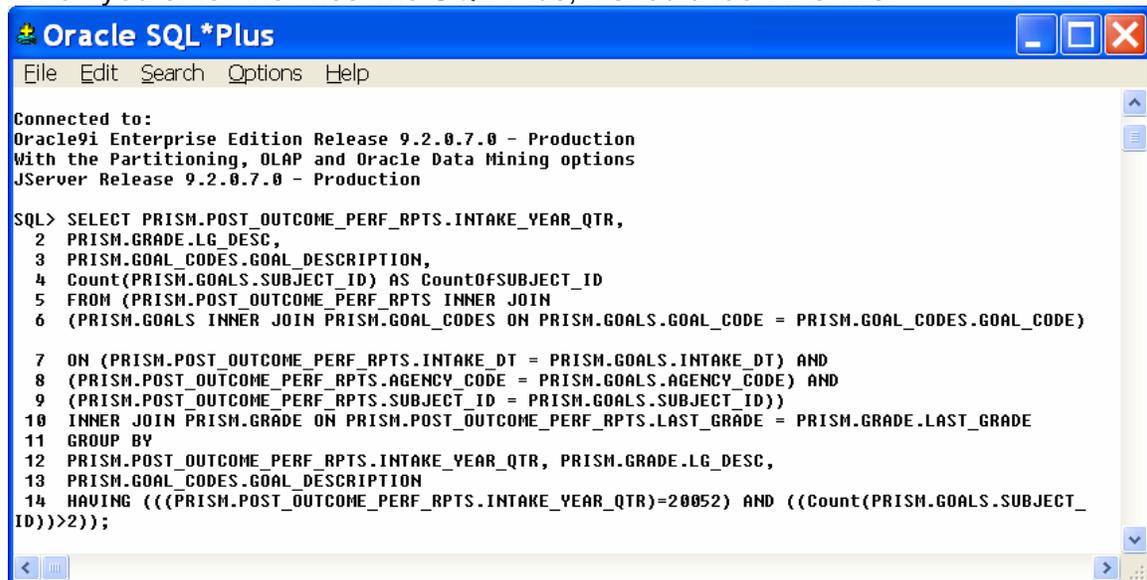
```
GROUP BY
PRISM.POST_OUTCOME_PERF_RPTS.INTAKE_YEAR_QTR,
PRISM.GRADE.LG_DESC,
PRISM.GOAL_CODES.GOAL_DESCRIPTION
```

This part tells SQL*Plus how you would like the data displayed.

```
HAVING (((PRISM.POST_OUTCOME_PERF_RPTS.INTAKE_YEAR_QTR)=20052)
AND ((Count(PRISM.GOALS.SUBJECT_ID))>2));
```

This part sets the time you want to search and prevents confidentiality breaches.

When you enter the lines into SQL*Plus, it should look like this.

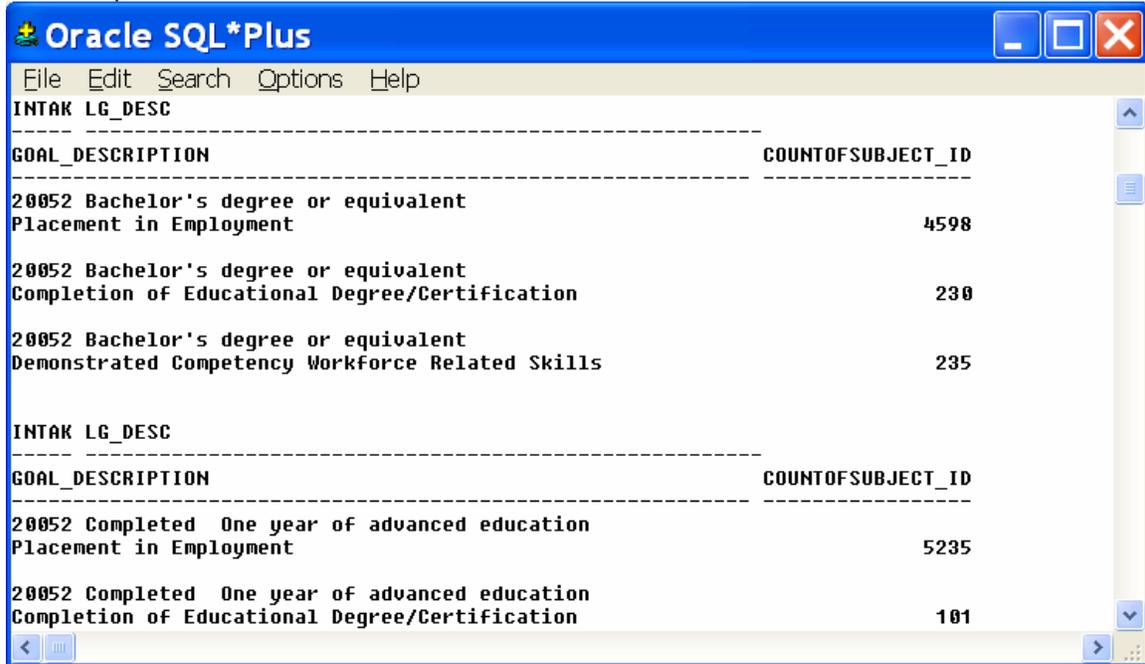
A screenshot of the Oracle SQL*Plus application window. The window title is "Oracle SQL*Plus" and it has a menu bar with "File", "Edit", "Search", "Options", and "Help". The main text area shows the following text:

```
Connected to:
Oracle9i Enterprise Edition Release 9.2.0.7.0 - Production
With the Partitioning, OLAP and Oracle Data Mining options
JServer Release 9.2.0.7.0 - Production

SQL> SELECT PRISM.POST_OUTCOME_PERF_RPTS.INTAKE_YEAR_QTR,
 2  PRISM.GRADE.LG_DESC,
 3  PRISM.GOAL_CODES.GOAL_DESCRIPTION,
 4  Count(PRISM.GOALS.SUBJECT_ID) AS CountOfSUBJECT_ID
 5  FROM (PRISM.POST_OUTCOME_PERF_RPTS INNER JOIN
 6  (PRISM.GOALS INNER JOIN PRISM.GOAL_CODES ON PRISM.GOALS.GOAL_CODE = PRISM.GOAL_CODES.GOAL_CODE)
 7  ON (PRISM.POST_OUTCOME_PERF_RPTS.INTAKE_DT = PRISM.GOALS.INTAKE_DT) AND
 8  (PRISM.POST_OUTCOME_PERF_RPTS.AGENCY_CODE = PRISM.GOALS.AGENCY_CODE) AND
 9  (PRISM.POST_OUTCOME_PERF_RPTS.SUBJECT_ID = PRISM.GOALS.SUBJECT_ID))
10  INNER JOIN PRISM.GRADE ON PRISM.POST_OUTCOME_PERF_RPTS.LAST_GRADE = PRISM.GRADE.LAST_GRADE
11  GROUP BY
12  PRISM.POST_OUTCOME_PERF_RPTS.INTAKE_YEAR_QTR, PRISM.GRADE.LG_DESC,
13  PRISM.GOAL_CODES.GOAL_DESCRIPTION
14  HAVING (((PRISM.POST_OUTCOME_PERF_RPTS.INTAKE_YEAR_QTR)=20052) AND ((Count(PRISM.GOALS.SUBJECT_
ID))>2));
```

After the data has been entered press "Enter" to start the query.

The output should look like this.



The screenshot shows the Oracle SQL*Plus interface with a query result. The window title is "Oracle SQL*Plus" and the menu bar includes "File", "Edit", "Search", "Options", and "Help". The query output is as follows:

INTAK LG_DESC	COUNT OF SUBJECT_ID
20052 Bachelor's degree or equivalent Placement in Employment	4598
20052 Bachelor's degree or equivalent Completion of Educational Degree/Certification	230
20052 Bachelor's degree or equivalent Demonstrated Competency Workforce Related Skills	235

INTAK LG_DESC	COUNT OF SUBJECT_ID
20052 Completed One year of advanced education Placement in Employment	5235
20052 Completed One year of advanced education Completion of Educational Degree/Certification	101

According to the first line, among clients with a bachelor's degree, 4,598 were seeking employment placement.

