

Helpful Hint #28 – Graph Placement and Wage by Agency, Region

This Helpful Hint will demonstrate how to set-up queries and Excel graph that shows quarterly placement totals, with their average placement wage. This example focuses on clients placed by the Employment Department, into construction in region 10. The period is 3Q2005 – 3Q2007.

Create Access tables by linking to the following PRISM tables through ODBC.

1. PRISM.POST_OUTCOME_PERF_RPTS
2. PRISM_AGENCY
3. PRISM_NAICS_GROUP_2

Now it is time to construct two queries. The first is a make-table query that compiles all the data you will need for the graph. The fields are from the tables 'PRISM_POST_OUTCOME_PERF_RPTS' and 'PRISM_NAICS_GROUP_2'.

Link tables:

PRISM_POST_OUTCOME_PERF_RPTS.POST_EPISODE_PRI_NAICS_CODE to PRISM_NAICS_GROUP_2.NAICS_CODE

Select the following fields and criteria (All fields selected are from the PRISM_POST_OUTCOME_PERF_RPTS table except NAICS_GROUP_DESCRIPTION which is selected from PRISM_NAICS_GROUP_2:

OUTCOME_YEAR_QTR

AGENCY_CODE

WQC_REGION_CODE

Criteria: "W10"

EMPLOYMENT_GOAL_FLAG

POST_EPISODE_EMPLOYMENT_CODE

POST_EPISODE_AVG_HRLY_WAGE

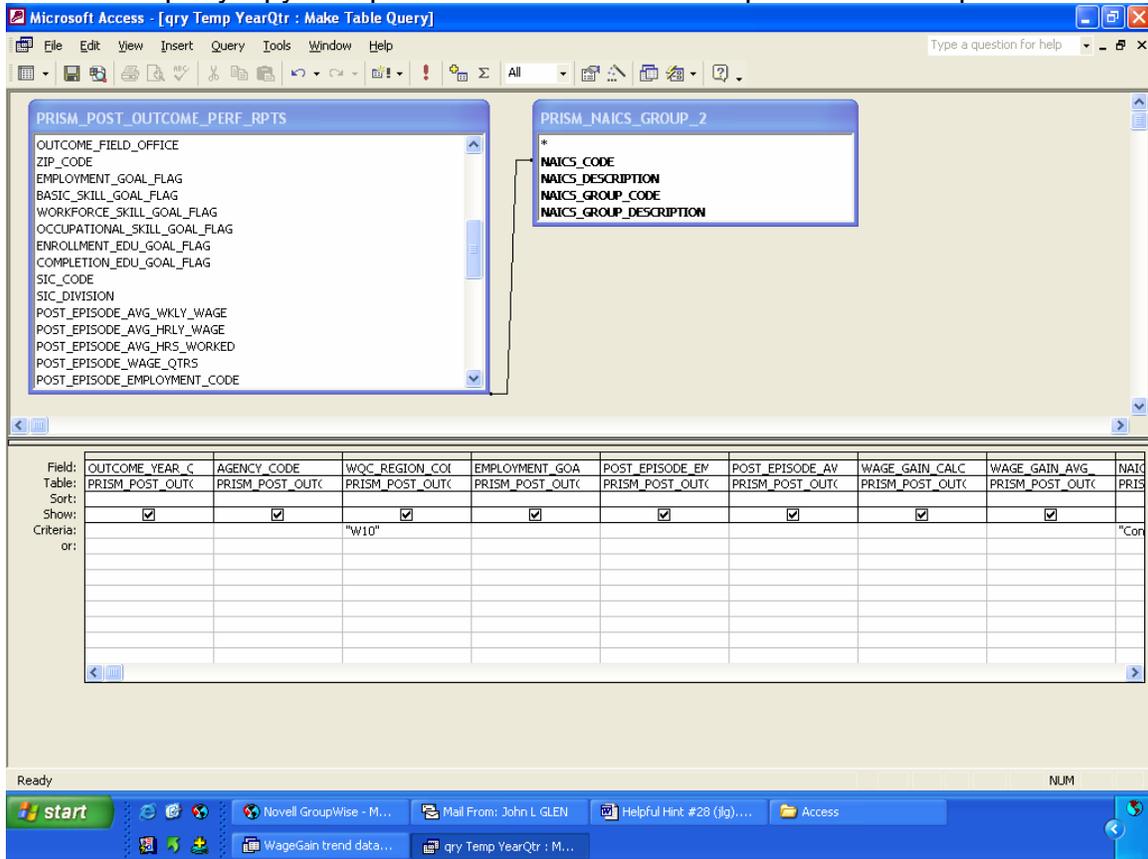
WAGE_GAIN_CALC_FLAG

WAGE_GAIN_AVG_HRLY_WAGE

NAICS_GROUP_DESCRIPTION

Criteria: "Construction"

Name the query “qry Temp YearQtr” and the table it produces “Temp YearQtr”.



The second query makes and appends a table. Select the following fields and criteria. For this query, select “Σ” on the toolbar.

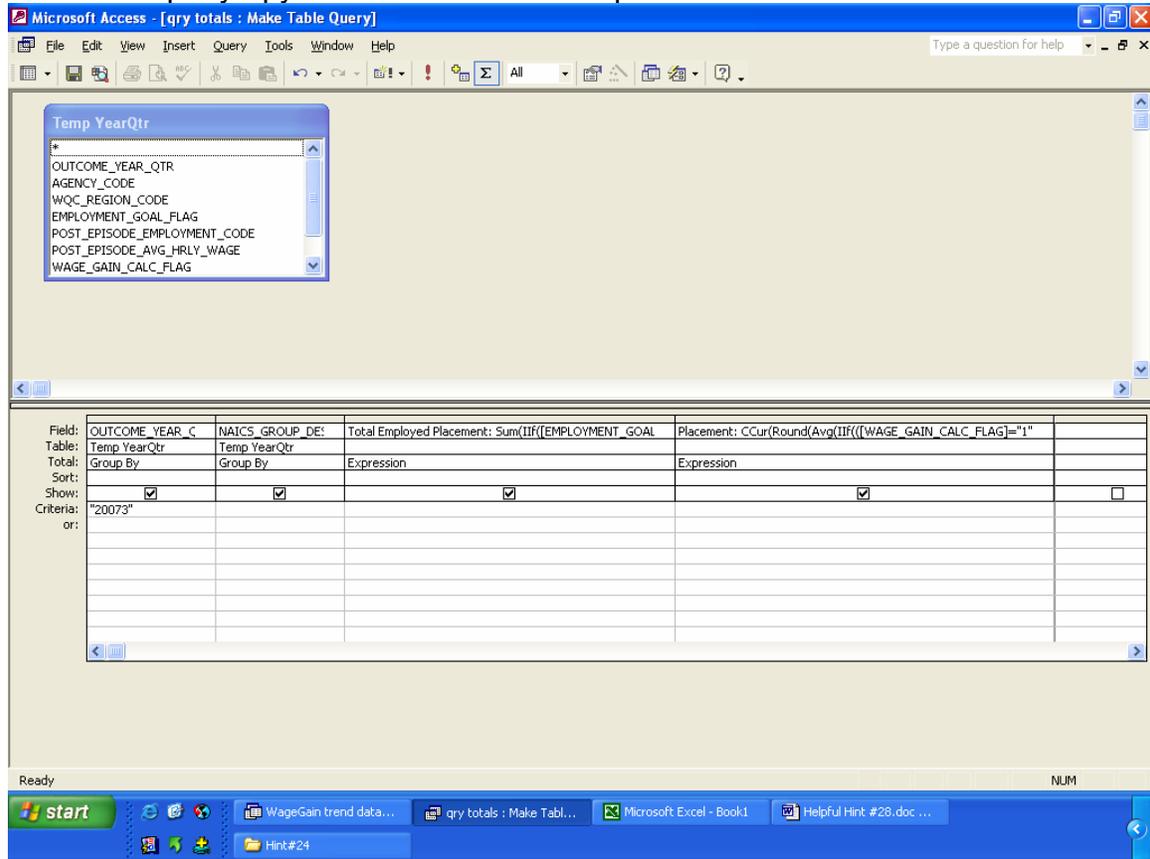
Group By
 OUTCOME_YEAR_QTR
 Temp YearQtr
 Criteria: “20053”

Group By
 NAICS_GROUP_DESCRIPTION
 Temp YearQtr

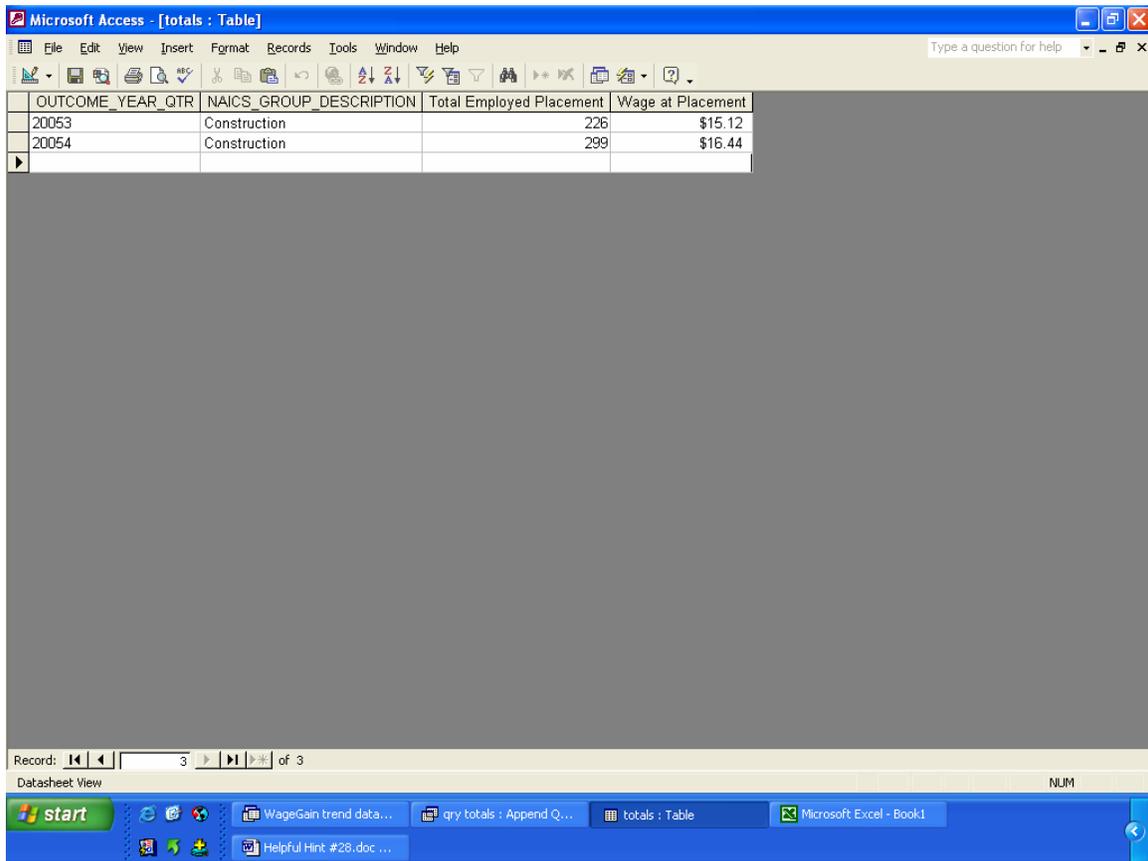
Expression
 Total Employed Placement: Sum(IIf([EMPLOYMENT_GOAL_FLAG]="1" And [POST_EPISODE_EMPLOYMENT_CODE]>"000",1))

Expression
 Wage at Placement: CCur(Round(Avg(IIf([WAGE_GAIN_CALC_FLAG]="1" And ([POST_EPISODE_AVG_HRLY_WAGE]>0) And ([WAGE_GAIN_AVG_HRLY_WAGE]>0),[POST_EPISODE_AVG_HRLY_WAGE]),2))

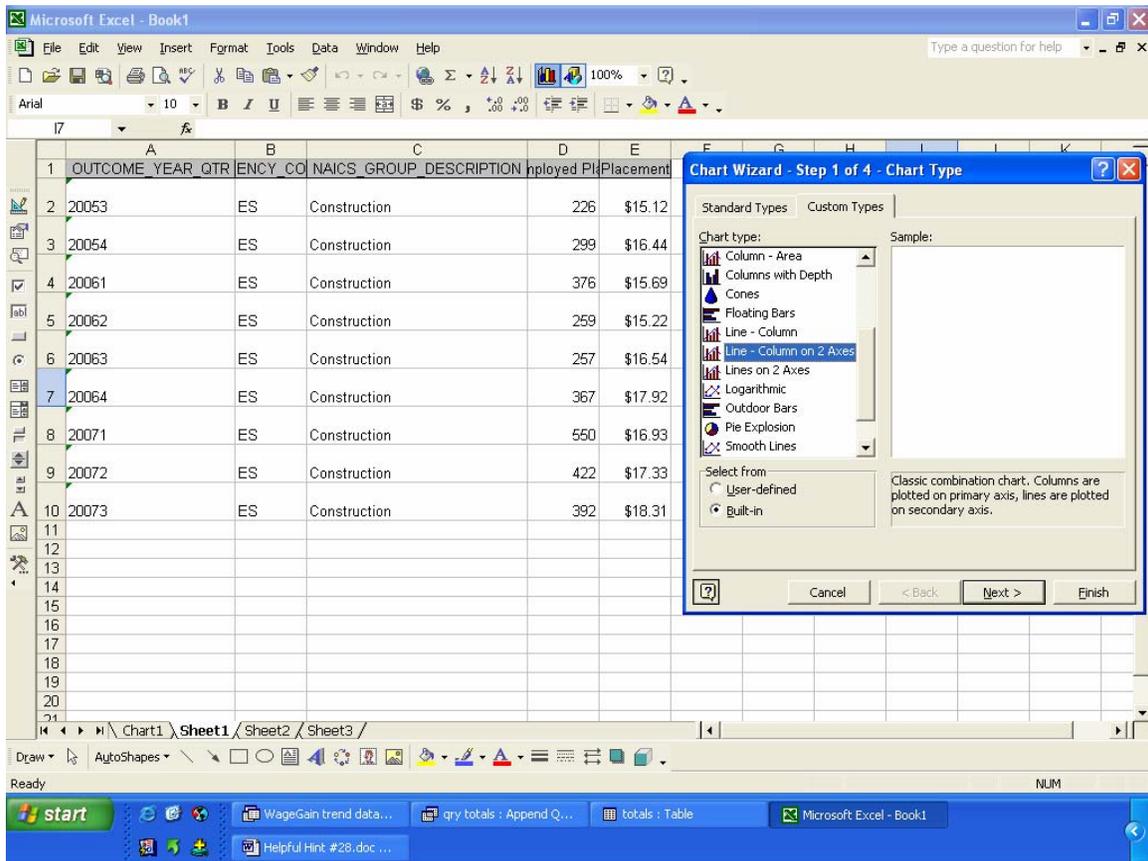
Name the query 'qry totals' and the table it produces 'totals'.



The table will look like this.

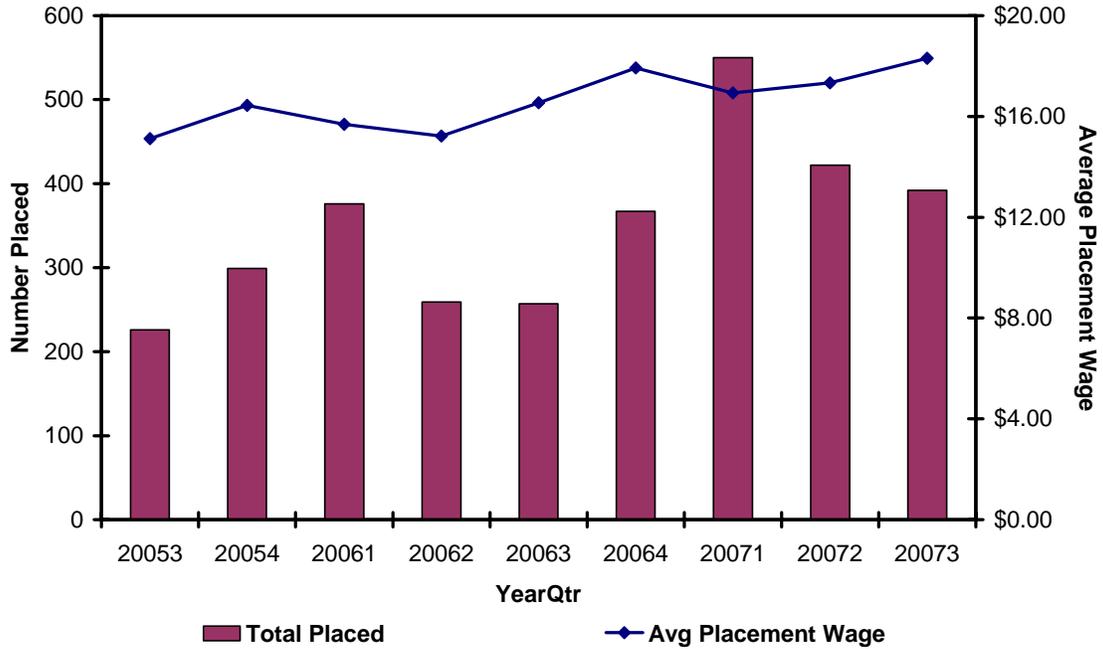


Append the remaining years and quarters up to 3Q2007. Then copy the data from the 'totals' table and paste it into an Excel worksheet. Start the 'Chart Wizard' and select the tab labeled 'Custom Types'. Then select the graph choice 'Line – Column on 2 Axes'.



The two Y axes will be 'Employed Placement' and 'Wage at Placement'. The X axis will be 'OUTCOME_YEAR_QTR'.

**Clients Placed into Construction by Employment Services
Region 10
3q 2005 to 3q 2007**



Additional challenge: The graph above displays the outcome year and quarter. See if you can construct a table to include in the query on page 4 where the outcome year quarter will be displayed as month and year i.e., 20053 would be displayed as July – Aug. 2005.

For additional Helpful Hints go to http://www.oregon.gov/PRISM/TechnicalInfo.shtml#Helpful_Hints