

Helpful Hint #32 – Placement Rate by Received Services .

This 'Helpful Hint' will explain how to create a report that compares the placement rate for individuals who received a specific type of service in a given time period. This example will analyze data for services in the 200 series (Support Services), between July 1, 2008 and June 30, 2009. We'll show how to build a report which displays the placement rates for those individuals who received a support service compared with those individuals that did not receive a support service by workforce region.

Prior to running queries on the workstation, ODBC (Open DataBase Connectivity) must be installed and properly configured to connect to the PRISM database (http://www.oregon.gov/PRISM/TechnicalInfo.shtml#Desk_Manual). Microsoft Access configuration is required only once for each workstation. The connection will enable you to connect to the PRISM tables needed for completing the data analysis.

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

1. PRISM.POST_OUTCOME_PERF_RPTS
2. PRISM_SERVICES
3. PRISM_WORKFORCE_REGIONS

Four queries need to be built to compile data for the report.

Query 1 – This compiles data for individuals who received a 'Support Service' between July 1, 2008 and June 30, 2009.

Step 1. Select 'Make Table' query type; call the table 'tbl 200 count'

Step 2. Select the following table:
PRISM_SERVICES

Step 3. Select the "Σ" button on the toolbar.

Step 4. Select the following fields and criteria:

Group by
SUBJECT_ID

Group by
INTAKE_DT

Group by
AGENCY_CODE

Where
PRISM_SERVICES
Criteria = Like "2**"

Where
PRISM_SERVICES

Criteria = Between #7/1/2008# And #6/30/2009#

Query 2 – This compiles data for individuals who did not receive a ‘Support Service’ between July 1, 2008 and June 30, 2009.

This query is built the same way as Query 1, with the following exceptions.

- Step 1. Name the table ‘tbl not 200 count’.
- Step 2. The fourth field should be as follows:
Where
PRISM_SERVICES
Criteria = **Not** Like "2**"

Query 3 – This organizes the data collected by ‘Query 1’ into exit and placement rates by region.

- Step 1. Select ‘Make Table’ query type; call the table ‘tbl 3’

- Step 2. Select the following tables:
PRISM.POST_OUTCOME_PERF_RPTS
PRISM_WORKFORCE_REGIONS
tbl 200 count

- Step 3. Make the following links:
PRISM.POST_OUTCOME_PERF_RPTS.SUBJECT_ID to
tbl 200 count.SUBJECT_ID

PRISM.POST_OUTCOME_PERF_RPTS.AGENCY_CODE to
tbl 200 count. AGENCY_CODE

PRISM.POST_OUTCOME_PERF_RPTS.INTAKE_DT to
tbl 200 count. INTAKE_DT

PRISM.POST_OUTCOME_PERF_RPTS.WQC_REGION_CODE to
PRISM_WORKFORCE_REGIONS. WORKFORCE_REGION_CODE

- Step 4. Select the “Σ” button on the toolbar.

- Step 5. Select the following fields and criteria from the PRISM.POST_OUTCOME_PERF_RPTS table:

Group by
WQC_REGION_CODE

Where
OUTCOME_YEAR_QTR
Criteria = <="20094"

Where (required for CAF only)
UNSUB_PLACEMENT_YEAR_QTR

Or = <="20094"

Where
INTAKE_YEAR_QTR
Criteria = >="20083"
Or = >="20083"

Where
WQC_REGION_CODE
Criteria = >"W00"
Or = >"W00"

Step 6. Create these four expressions:

Total Exited:
FormatNumber(Sum(If(PRISM_POST_OUTCOME_PERF_RPTS!EMPLOYMENT_GOAL_FLAG="1",1,0)),0)
Total Employed:
FormatNumber(Sum(If(PRISM_POST_OUTCOME_PERF_RPTS!EMPLOYMENT_GOAL_FLAG="1" And PRISM_POST_OUTCOME_PERF_RPTS!POST_EPISODE_EMPLOYMENT_CODE>"000",1,0)),0)

Placement Rate:
Format([Total Employed]/[Total Exited],"Percent")

cnt200:
'Y'

Query 4 – This appends the data from ‘Query 2’ into ‘tbl 3’.

Step 1. Select ‘Append’ query type; append to ‘tbl 3’

Step 2. Select the following tableS:
PRISM.POST_OUTCOME_PERF_RPTS
PRISM_WORKFORCE_REGIONS
tbl not 200 count

Step 3. Make the following links:
PRISM.POST_OUTCOME_PERF_RPTS.SUBJECT_ID to
tbl not 200 count.SUBJECT_ID

PRISM.POST_OUTCOME_PERF_RPTS.AGENCY_CODE to
tbl not 200 count. AGENCY_CODE

PRISM.POST_OUTCOME_PERF_RPTS.INTAKE_DT to
tbl not 200 count. INTAKE_DT

PRISM.POST_OUTCOME_PERF_RPTS.WQC_REGION_CODE to
PRISM_WORKFORCE_REGIONS. WORKFORCE_REGION_CODE

Step 3. Select the “Σ” button on the toolbar.

Step 4. Select the following fields and criteria from the PRISM.POST_OUTCOME_PERF_RPTS table:

Group by
WQC_REGION_CODE
Append to = WQC_REGION_CODE

Where
OUTCOME_YEAR_QTR
Criteria = <="20094"

Where
UNSUB_PLACEMENT_YEAR_QTR
Or = <="20094"

Where
INTAKE_YEAR_QTR
Criteria = >="20083"
Or = >="20083"

Where
WQC_REGION_CODE
Criteria = >"W00"
Or = >"W00"

Step 5. Create these four expressions:

Total Exited:
FormatNumber(Sum(If(PRISM_POST_OUTCOME_PERF_RPTS!EMPLOYMENT_GOAL_FLAG="1",1,0)),0)
Append to = Total Exited

Total Employed:
FormatNumber(Sum(If(PRISM_POST_OUTCOME_PERF_RPTS!EMPLOYMENT_GOAL_FLAG="1" And PRISM_POST_OUTCOME_PERF_RPTS!POST_EPISODE_EMPLOYMENT_CODE>"000",1,0)),0)
Append to = Total Employed

Placement Rate:
Format([Total Employed]/[Total Exited],"Percent")
Append to = Placement Rate

cnt200:
'N'
Append to = cnt200

Creating the report.

After running all four queries, open 'tbl 3'. Use the data sort function to arrange the rows by region and service type. It should look like this when you're done:

tbl 3				
WORKFORCE_REGION_DESCRIPTION	Total Exited	Total Employed	Placement Rate	cnt200
Region 01 - Clatsop, Columbia, Tillamook	113	72	63.72%	Y
Region 01 - Clatsop, Columbia, Tillamook	16,483	11,474	69.61%	N
Region 02 - Multnomah, Washington	931	522	56.07%	Y
Region 02 - Multnomah, Washington	102,026	67,733	66.39%	N
Region 03 - Marion, Polk, Yamhill	284	150	52.82%	Y
Region 03 - Marion, Polk, Yamhill	58,903	40,681	69.06%	N
Region 04 - Benton, Lincoln, Linn	426	210	49.30%	Y
Region 04 - Benton, Lincoln, Linn	34,389	23,222	67.53%	N
Region 05 - Lane	223	144	64.57%	Y
Region 05 - Lane	51,204	32,114	62.72%	N
Region 06 - Douglas	63	42	66.67%	Y
Region 06 - Douglas	19,119	12,163	63.62%	N
Region 07 - Coos, Curry	78	48	61.54%	Y
Region 07 - Coos, Curry	12,553	8,451	67.32%	N
Region 08 - Jackson, Josephine	122	50	40.98%	Y
Region 08 - Jackson, Josephine	29,867	19,994	66.94%	N
Region 09 - Gilliam, Hood River, Sherman, Wasco, Wheeler	44	32	72.73%	Y
Region 09 - Gilliam, Hood River, Sherman, Wasco, Wheeler	7,478	5,795	77.49%	N
Region 10 - Crook, Deschutes, Jefferson	224	133	59.38%	Y
Region 10 - Crook, Deschutes, Jefferson	37,315	25,070	67.18%	N
Region 11 - Klamath, Lake	94	53	56.38%	Y
Region 11 - Klamath, Lake	11,446	7,241	63.26%	N
Region 12 - Morrow, Umatilla	139	82	58.99%	Y
Region 12 - Morrow, Umatilla	12,989	9,792	75.39%	N
Region 13 - Baker, Union, Wallowa	92	43	46.74%	Y
Region 13 - Baker, Union, Wallowa	9,813	7,216	73.54%	N
Region 14 - Grant, Harney, Malheur	39	22	56.41%	Y
Region 14 - Grant, Harney, Malheur	7,370	5,097	69.16%	N
Region 15 - Clackamas	204	100	49.02%	Y
Region 15 - Clackamas	29,874	19,452	65.11%	N

Now you can use the 'Report Wizard' to present the data.

The screenshot shows the Microsoft Access 2007 interface. The main window displays a report titled "Comparison of Placement Rate by Support Service" for the period "July 1, 2008 - June 30, 2009". The report is presented in a grid view with the following data:

Workforce Region	Support Service Recipients?	Total Exited	Total Employed	Placement Rate
Region 01 - Clatsop, Columbia, Tillamook	Y	119	72	63.72%
	N	16,483	11,474	69.61%
Region 02 - Multnomah, Washington	Y	951	522	56.07%
	N	102,026	67,733	66.39%
Region 03 - Marion, Polk, Yamhill	Y	284	150	52.82%
	N	58,903	40,681	69.06%
Region 04 - Benton, Lincoln, Linn	Y	426	210	49.30%
	N	54,589	23,222	67.53%
Region 05 - Lane	Y	229	144	64.57%
	N	51,204	32,114	62.72%
Region 06 - Douglas	Y	63	42	66.67%
	N	19,119	12,163	63.62%
Region 07 - Coos, Curry	Y	78	48	61.54%
	N	12,553	8,451	67.32%