Helpful Hint #12 Retention by County

For information about Oracle Discover, refer to the Desk Manual, pages 42 – 49. The desk manual is in on the PRISM website, Technical Information page, Documentation section: http://www.prism.state.or.us/technical-info.htm

Helpful Hints #12 demonstrates how to set conditions to create retention rates by counties or year/quarter of exit. (Figure 1 and 2)

The following exercise is a step-by-step process using Oracle Discoverer to produce source data for the Excel graphs. The initial steps create two queries, retention denominator and retention numerator.

Open a Discoverer Oracle session.

- Find the shortcut icon to run the Oracle Discoverer End User Application in the Prism DB Queries folder placed on your desktop during installation.
- A window appears requesting your Username, Password and Connect (or Database) information. (See Figure 52 in the Desk Manual)
- Type the logon information provided to you by the PRISM System Administration staff and click the **Connect** button.

Helpful Hint #12 Retention by County

Figure 1

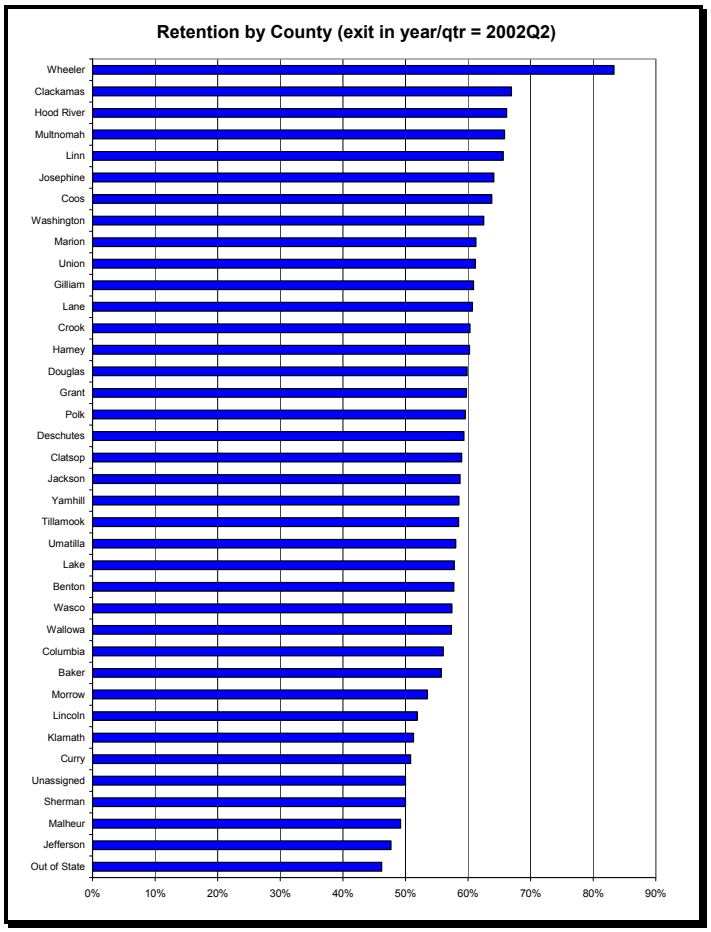
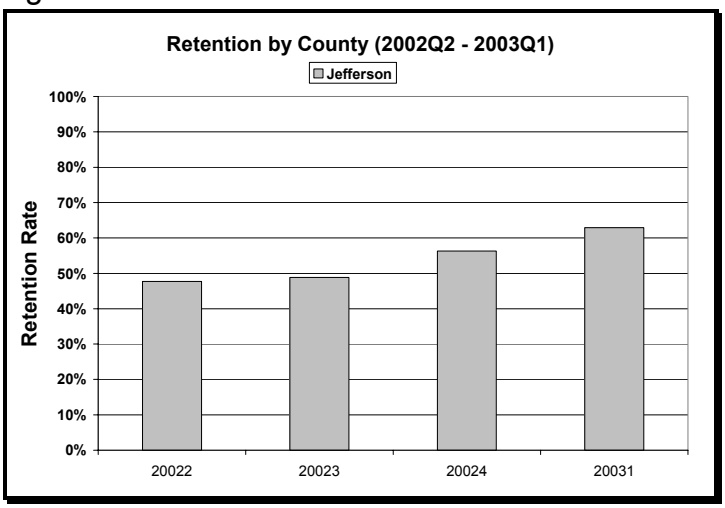


Figure 2

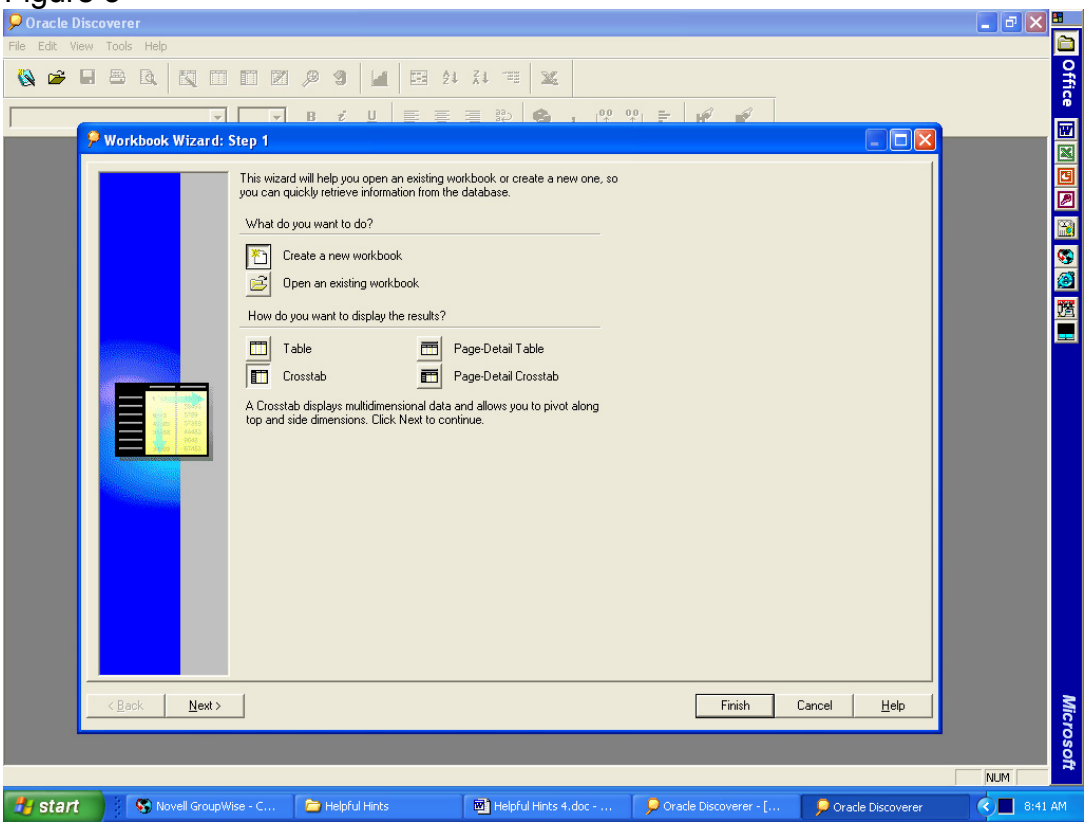


Helpful Hint #12 Retention by County

The Workbook Wizard window appears. (Figure 3)

- Click on “Create a new workbook”.
- Click on “Crosstab”

Figure 3



Helpful Hint #12 Retention by County

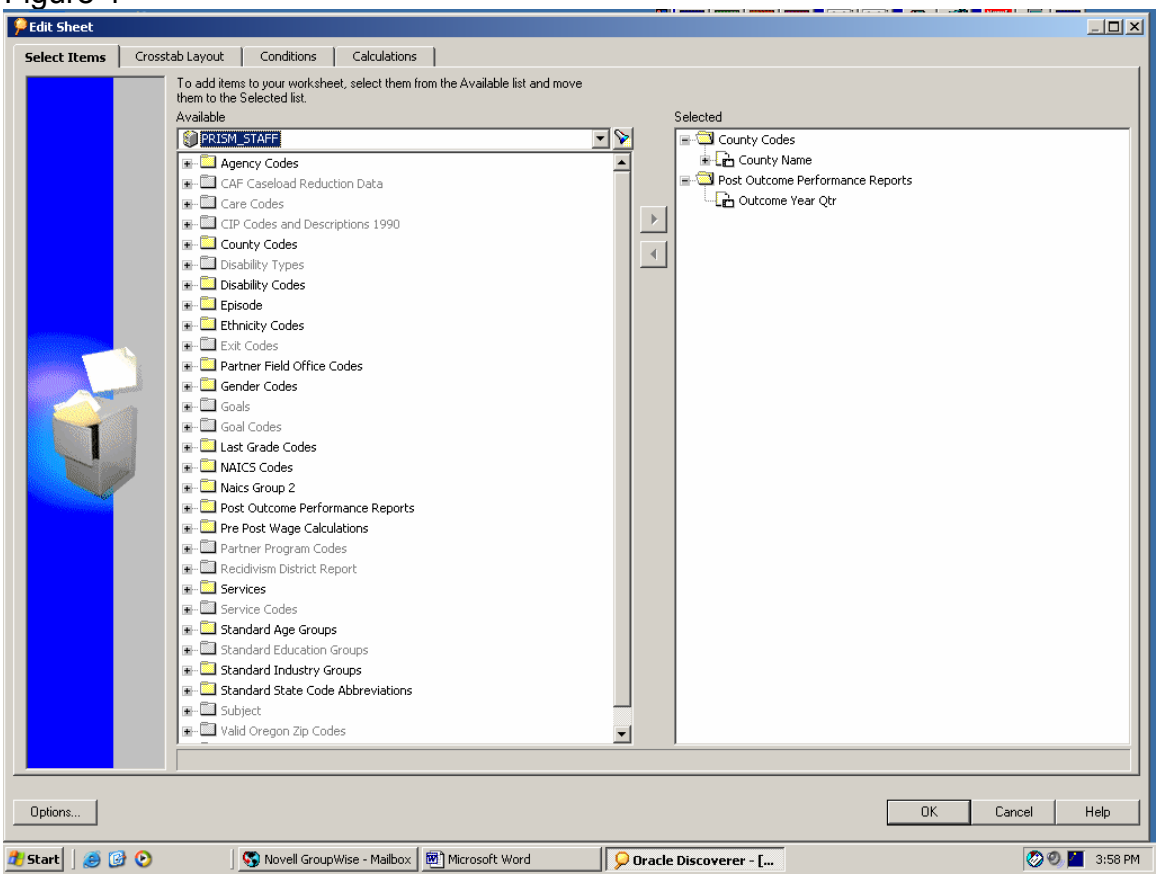
A window should appear displaying all the tables in PRISM.

Selecting the tables and field data

- Click on "+" on County Codes
- Highlight County Name
- Click on > button to move it to the right window
- Click on the "+" on table "Post Outcome Performance Reports"
- Highlight "Outcome Year Qtr"
- Click on > button to move it to the right window (Figure 4)

Note: The Post Outcome Performance Reports Table has compiled all the wage information for every record with a complete service date six months prior to the current date.

Figure 4



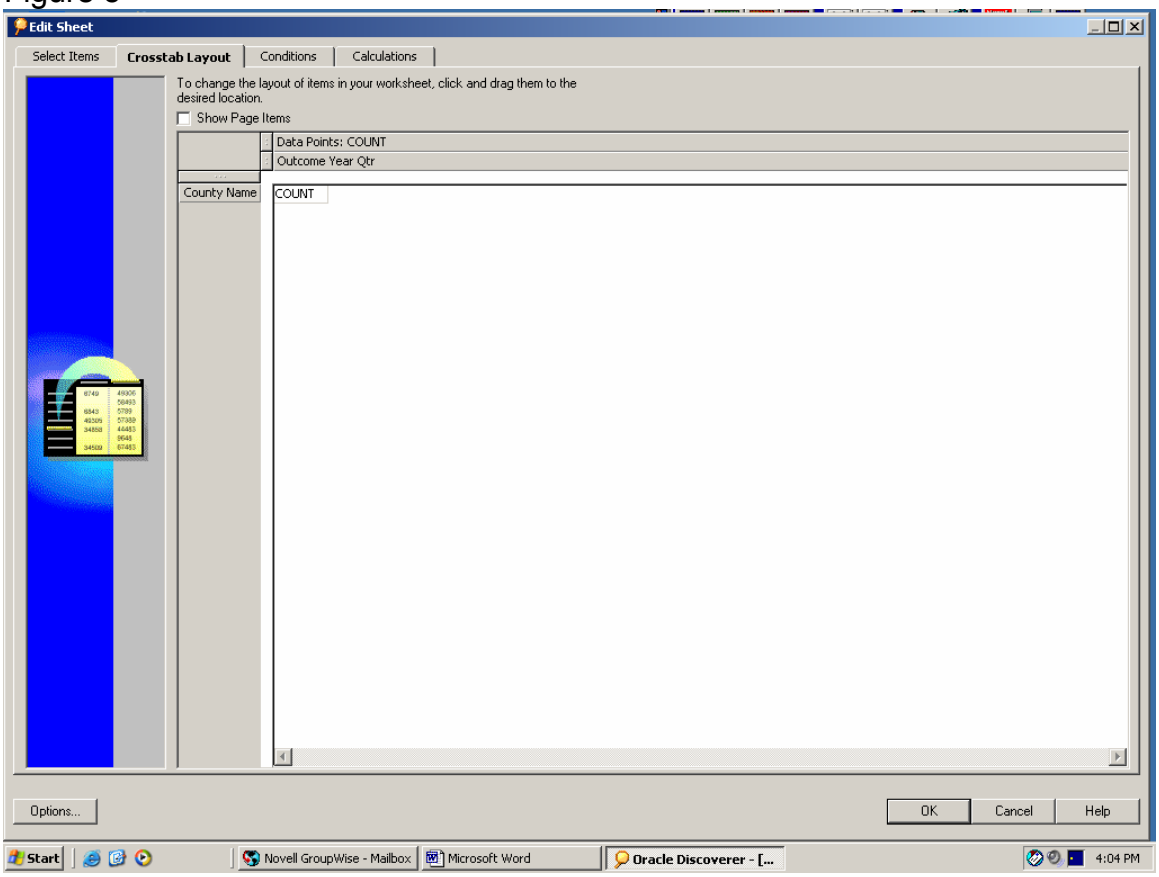
Helpful Hint #12 Retention by County

Creating a layout for the report

This step will be completed after the conditions and calculations are set.

- Click “next” at the bottom of the screen. (Figure 5)

Figure 5

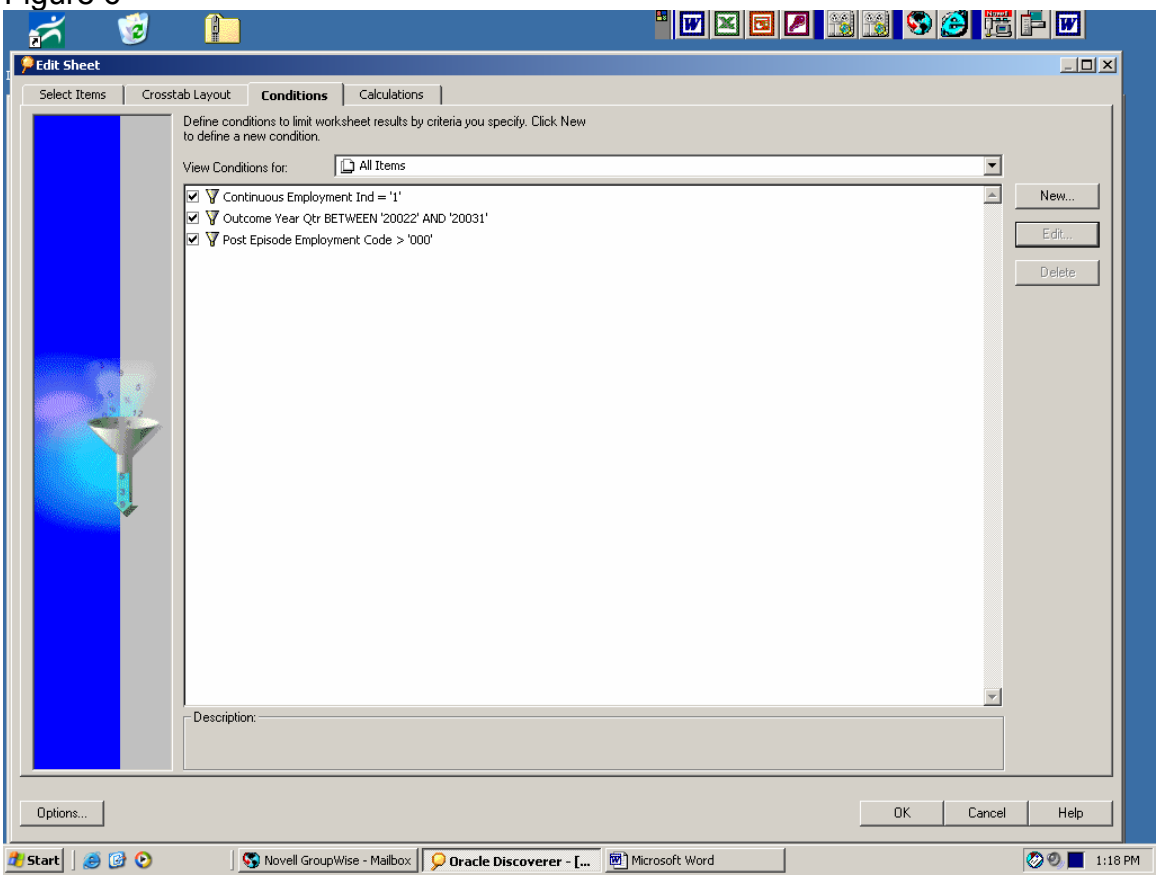


Helpful Hint #12 Retention by County

Setting conditions

Assign a condition and value to each variable in the query. (Figure 6)

Figure 6



Retention Denominator

- Select “New”
- Item pull down menu: Outcome Year Qtr
- Condition: Between
- Value: 20022 and 20031

- Select “New”
- Item pull down menu: Post Episode Employment Code
- Condition: >
- Value: ‘000’ (requires single quotes)

Retention Numerator:

- Select “New”
- Item pull down menu: Continuous Employment
- Condition: =
- Value: ‘1’ (requires single quotes)

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Note: The PRISM partner, DHS: Children, Adults & Families requires an additional Outcome Year criteria. (Figure 7 and 8)

- Select "New"
- Item pull down menu: Partner Agency
- Value: =
- Condition 'AF'
- Select "New"
- Item pull down menu: Outcome Year Qtr
- Condition: Between
- Value: 20022 and 20031
- Click "Advanced"
- Select Add
- Select 'Or'
- Item pull down menu: Unsubsidized Placement Year Qtr
- Condition: Between
- Value: 20022 and 20031

Click "ok" button to advance to the Calculation window.

Figure 7

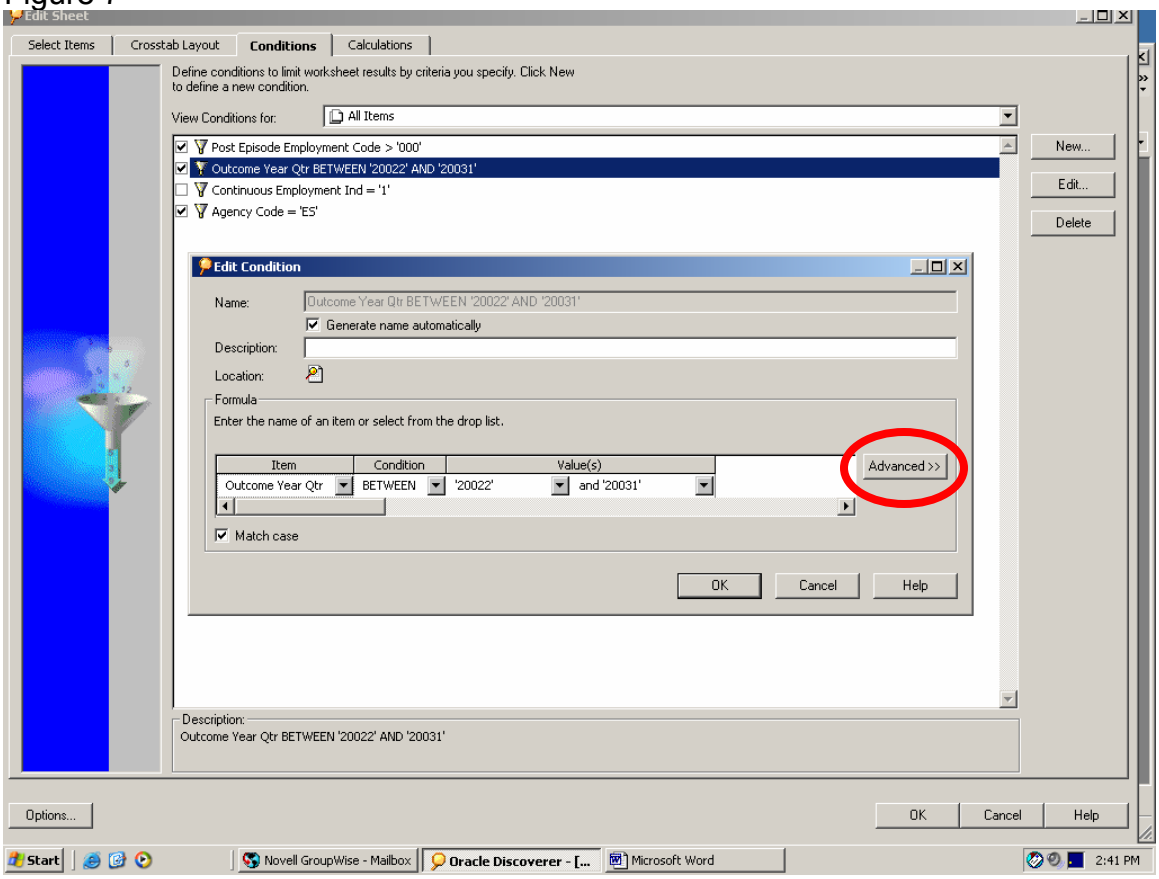

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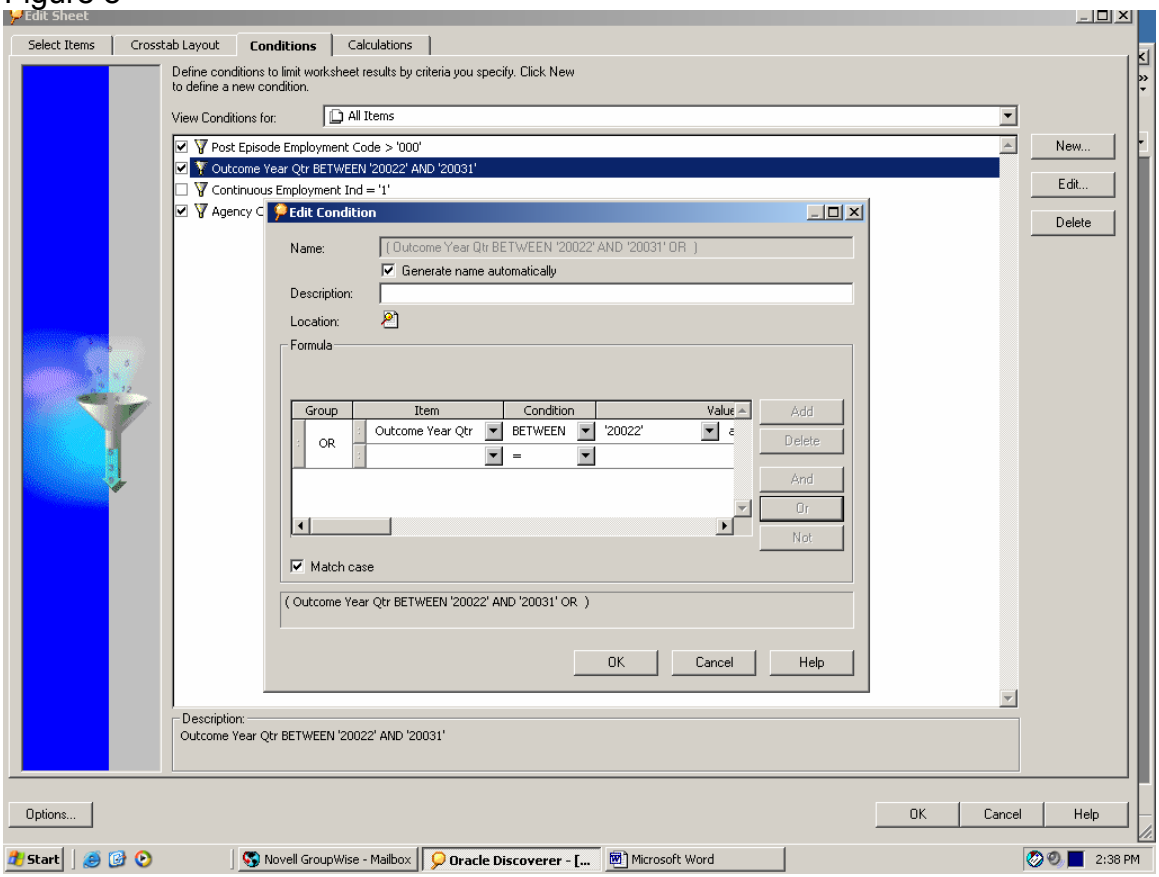
Figure 8



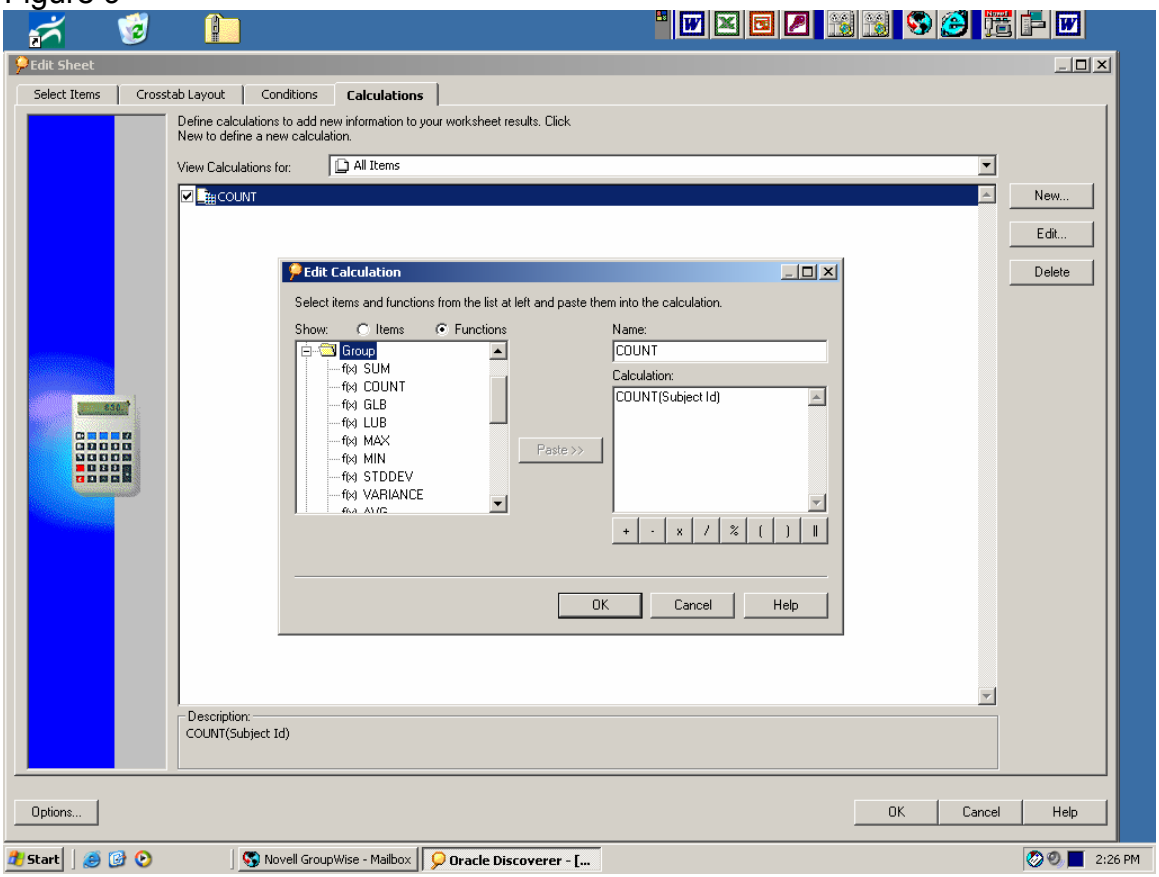
Helpful Hint #12 Retention by County

Setting Calculation

Select Function

- Click '+' at Group
- Click Count
- Click 'paste' button to move calculated function into the Calculation Window.
- Enter name: "Count" (Figure 9)

Figure 9

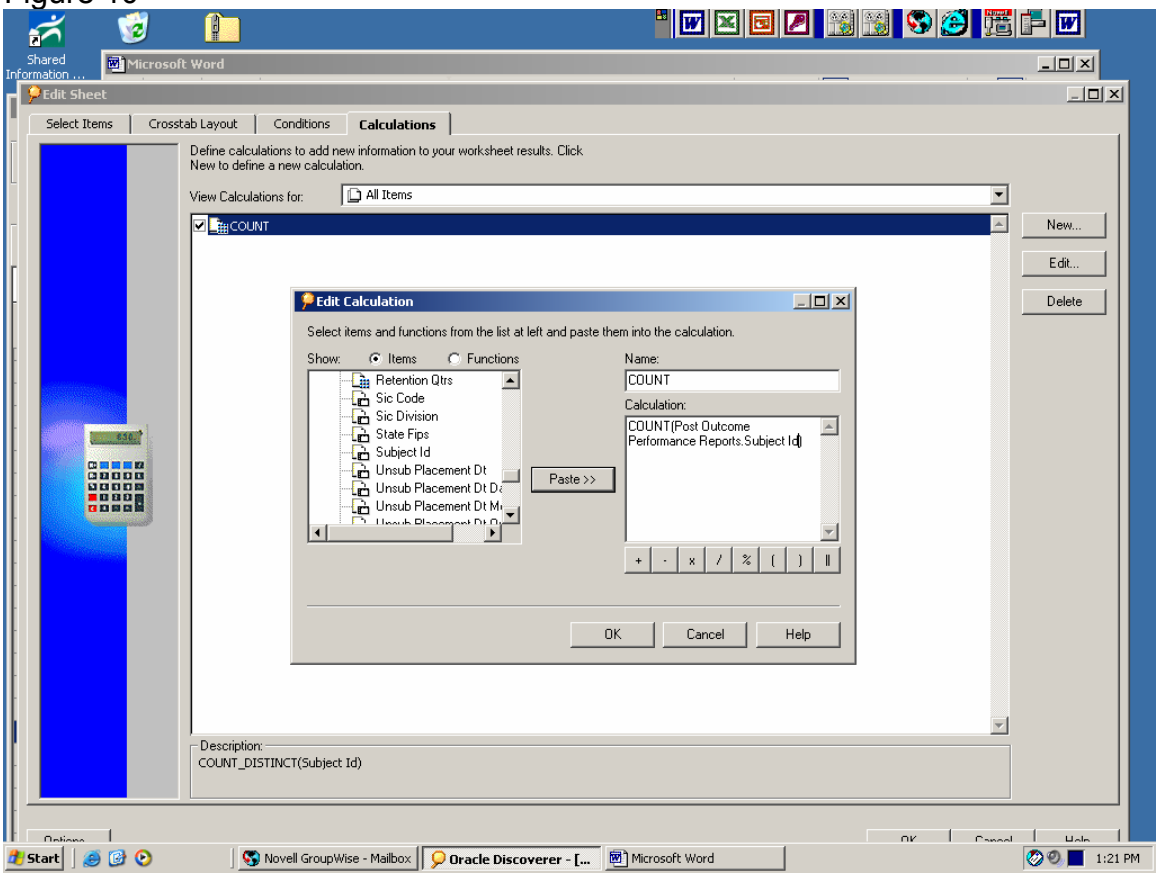


Helpful Hint #12 Retention by County

Select Item

- Click '+' Post Outcome Performance Report to get a drop down list of field names
- Scroll down list of field names in alpha order.
- Click on Subject ID and 'paste' to move item into the calculation window. (Figure 10)

Figure 10



Return to the layout tab (Figure 5)

- Drag and drop the fields so that the county names will appear as row names and outcome dates as column headers.

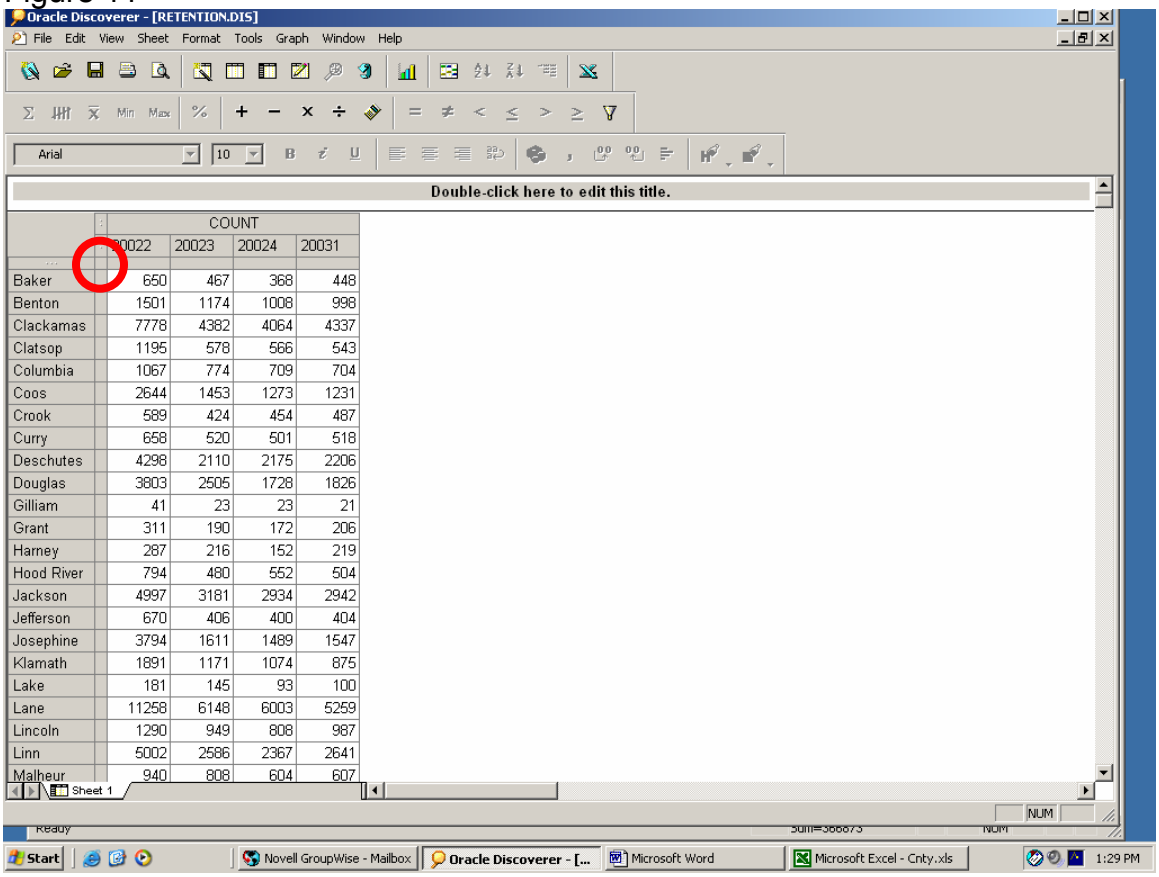
Helpful Hint #12 Retention by County

Running the Queries

Run both queries:
1) Retention Denominator = Continuous Employment condition = unchecked
2) Retention numerator = Continuous Employment condition = checked

- After each query is run, cut and paste the results into an excel spreadsheet.
- To select and cut all the data in the table after each query, move the cursor to where row and column intersect in the upper left cell. The cursor will change to a "+" sign. Click on the cell, table is selected. (Figure 11)
- When pasting, align the data by county in the spreadsheet
- Calculate the Retention Rate: Numerator/Denominator
- The retention rate for the chart source data is sorted in ascending order (Figure 12).

Figure 11



	COUNT			
	20022	20023	20024	20031
Baker	650	467	368	448
Benton	1501	1174	1008	998
Clackamas	7778	4382	4064	4337
Clatsop	1195	578	566	543
Columbia	1067	774	709	704
Coos	2644	1453	1273	1231
Crook	589	424	454	487
Curry	658	520	501	518
Deschutes	4298	2110	2175	2206
Douglas	3803	2505	1728	1826
Gilliam	41	23	23	21
Grant	311	190	172	206
Harney	287	216	152	219
Hood River	794	480	552	504
Jackson	4997	3181	2934	2942
Jefferson	670	406	400	404
Josephine	3794	1611	1489	1547
Klamath	1891	1171	1074	875
Lake	181	145	93	100
Lane	11258	6148	6003	5259
Lincoln	1290	949	808	987
Linn	5002	2586	2367	2641
Malheur	940	808	604	607

Helpful Hint #12 Retention by County

Figure 12

Microsoft Excel - Cnty.xls

Retention by County (2002Q2 through 2003Q1)

	DENOMINATOR				NUMERATOR					Data Source for Chart			
	COUNT	COUNT	COUNT	COUNT		COUNT	COUNT	COUNT	COUNT				
	20022	20023	20024	20031		20022	20023	20024	20031	20022	20023	20024	20031
Out of Stat	1077	1067	1071	1052	Out of State	498	445	420	445	46%	42%	39%	42%
Jefferson	670	406	400	404	Jefferson	315	201	228	253	47%	50%	57%	63%
Malheur	940	808	604	607	Malheur	445	374	257	294	47%	46%	43%	48%
Klamath	1891	1171	1074	875	Klamath	922	584	523	417	49%	50%	49%	48%
Curry	658	520	501	518	Curry	328	265	260	281	50%	51%	52%	54%
Sherman	20	17	18	13	Sherman	10	11	6	6	50%	65%	33%	46%
Unassigne	54	35	34	48	Unassigned	27	17	18	23	50%	49%	53%	48%
Lincoln	1290	949	808	987	Lincoln	650	511	441	550	50%	54%	55%	56%
Morrow	341	233	199	183	Morrow	176	139	117	103	52%	60%	59%	56%
Baker	650	467	368	448	Baker	338	269	223	264	52%	58%	61%	59%
Wallowa	249	166	111	148	Wallowa	132	88	56	91	53%	53%	50%	61%
Lake	181	145	93	100	Lake	97	80	46	52	54%	55%	49%	52%
Gilliam	41	23	23	21	Gilliam	22	14	14	14	54%	61%	61%	67%
Wasco	770	425	508	519	Wasco	418	229	297	285	54%	54%	58%	55%
Columbia	1067	774	709	704	Columbia	587	435	401	402	55%	56%	57%	57%
Harney	287	216	152	219	Harney	158	123	88	123	55%	57%	58%	56%
Benton	1501	1174	1008	998	Benton	828	694	573	633	55%	59%	57%	63%
Douglas	3803	2505	1728	1826	Douglas	2106	1436	960	1085	55%	57%	56%	59%
Umatilla	3165	1827	1681	1742	Umatilla	1755	1007	952	987	55%	55%	57%	57%
Yamhill	2286	1639	1233	1340	Yamhill	1271	937	732	817	56%	57%	59%	61%
Jackson	4997	3181	2934	2942	Jackson	2820	1806	1556	1715	56%	57%	53%	58%
Clatsop	1195	578	566	543	Clatsop	675	338	354	338	56%	58%	63%	62%
Crook	589	424	454	487	Crook	334	213	256	294	57%	50%	56%	60%
Tillamook	831	430	421	457	Tillamook	472	256	224	255	57%	60%	53%	56%
Grant	311	190	172	206	Grant	177	114	102	99	57%	60%	59%	48%
Deschutes	4298	2110	2175	2206	Deschutes	2451	1216	1234	1321	57%	58%	57%	60%
Polk	1115	739	679	629	Polk	639	409	407	377	57%	55%	60%	60%
Union	1074	591	468	513	Union	617	335	274	299	57%	57%	59%	58%
Marion	9803	4890	4342	4278	Marion	5751	2778	2401	2464	59%	57%	55%	58%

Data pasted from the Oracle query is alpha sorted by county. To sort by retention rate, select entire data range and make the following selections from the Excel menu bar, Data/Sort/Descending (select a column with retention rate).

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