

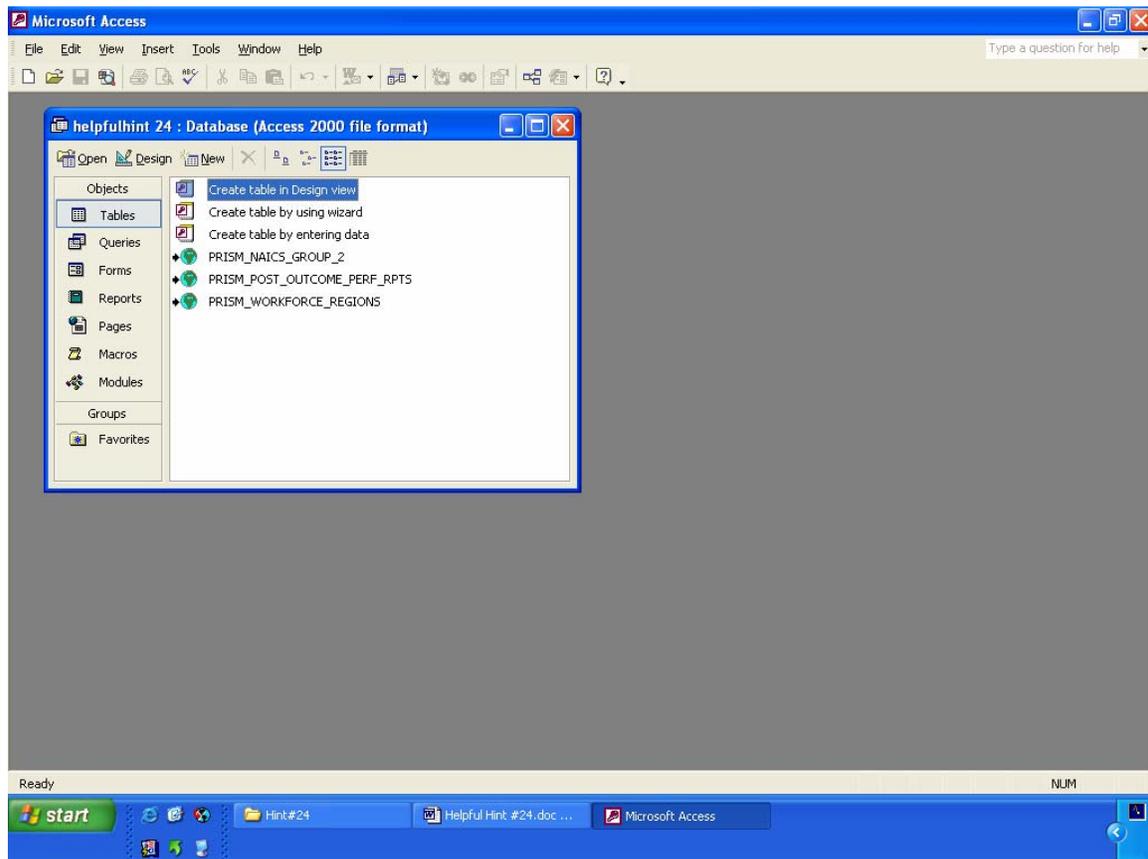
Helpful Hint #24 – Wage gain for individuals employed primarily in Temporary Help Agencies by Workforce Region

This Helpful Hint will demonstrate how to set-up queries and a report which will show the average wage at placement, 5th quarter of employment, and wage gain for the period of 2005 Q3 through 2006 Q2. This report will show by region, wage data for those with NAICS codes in: Employment Placement Agencies (561311); Temporary Help Services (561320); and Professional Employer Organizations (561330).

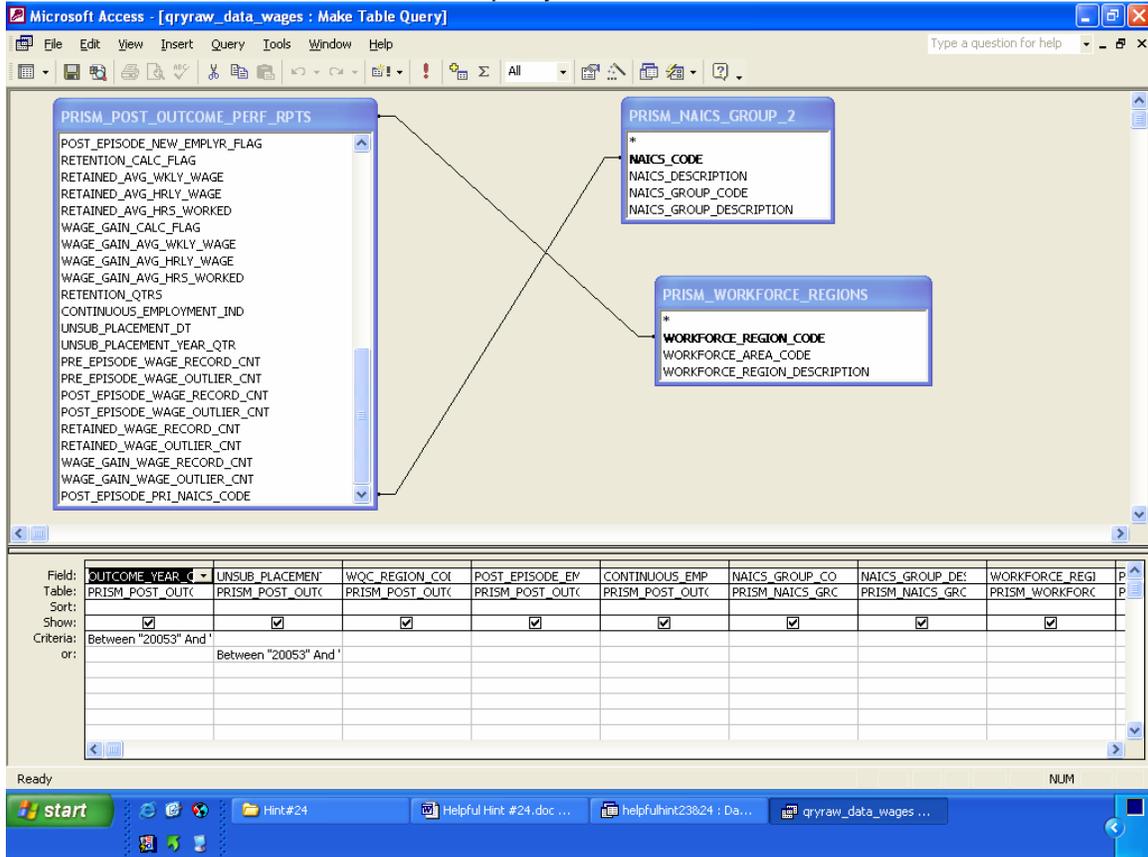
Prior to running queries on the workstation, ODBC (Open DataBase Connectivity) must be installed and properly configured to connect to the PRISM database (http://www.oregon.gov/PRISM/TechnicalInfo.shtml#Desk_Manual). Microsoft Access configuration is required only once for each workstation. The connection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



Select all three tables for the first query.



This query is a 'make table' query. It will assemble the raw wage data.

Link tables:

PRISM_POST_OUTCOME_PERF_RPTS.POST_EPISODE_PRI_NAICS_CODE to PRISM_NAICS_GROUP_2.NAICS_CODE

PRISM_POST_OUTCOME_PERF_RPTS.WQC_REGION_CODE to PRISM_WORKFORCE_REGIONS.WORKFORCE_REGION_CODE

Select the following fields and criteria.

**PRISM_POST_OUTCOME_PERF_RPTS.
OUTCOME_YEAR_QTR**
(criteria) Between "20053" And "20062"

**PRISM_POST_OUTCOME_PERF_RPTS.
UNSUB_PLACEMENT_YEAR_QTR**
(criteria) Between "20053" And "20062"

PRISM_POST_OUTCOME_PERF_RPTS.
WQC_REGION_CODE

PRISM_POST_OUTCOME_PERF_RPTS.
POST_EPISODE_EMPLOYMENT_CODE

PRISM_NAICS_GROUP.
NAICS_GROUP_CODE

PRISM_NAICS_GROUP.
NAICS_GROUP_DESCRIPTION

PRISM_WORKFORCE_REGIONS.
WORKFORCE_REGION_DESCRIPTION

PRISM_POST_OUTCOME_PERF_RPTS.
POST_EPISODE_AVG_HRLY_WAGE

PRISM_POST_OUTCOME_PERF_RPTS.
POST_EPISODE_PRI_NAICS_CODE

PRISM_POST_OUTCOME_PERF_RPTS.
WAGE_GAIN_CALC_FLAG

PRISM_POST_OUTCOME_PERF_RPTS.
WAGE_GAIN_AVG_HRLY_WAGE

Run query – The query should look like this. Save the query to table
'tbl raw_data_wages'.

OUTCOME_YEAR	UNSUB_PLACE	WQC_REGION	POST_EPISODE	CONTINUOUS	NAICS_GROUP	NAICS_GROUP	WORKFORCE	POST_EPISODE	POST_EPISODE	PO
20062		W02	062	1	23	Construction	Region 02 - Mul	12.43		486
20062		W02	062	0	23	Construction	Region 02 - Mul	11.93		82
20061		W10	061	1	23	Construction	Region 10 - Cro	10.72		413
20062		W02	062	1	23	Construction	Region 02 - Mul	13.44		438
20054		W02	054	1	23	Construction	Region 02 - Mul	12.99		490
20062		W02	062	0	23	Construction	Region 02 - Mul	16.15		498
20053		W02	053	1	23	Construction	Region 02 - Mul	13.43		303
20062		W02	062	1	23	Construction	Region 02 - Mul	14.66		535
20062		W02	062	1	23	Construction	Region 02 - Mul	17.52		457
20062		W02	063	1	23	Construction	Region 02 - Mul	14.14		127
20062		W08	062	1	23	Construction	Region 08 - Jac	8.51		108
20053		W08	053	1	23	Construction	Region 08 - Jac	13.86		715
20062		W09	062	1	23	Construction	Region 09 - Gilli	13.55		479
20061		W09	062	1	23	Construction	Region 09 - Gilli	7.71		225
20063	20061	W10	062	1	23	Construction	Region 10 - Cro	14.46		320
20062		W15	063	1	23	Construction	Region 15 - Cla	17.34		346
20062		W15	063	1	23	Construction	Region 15 - Cla	9.86		438
20062		W15	063	0	23	Construction	Region 15 - Cla	15.96		491
20054		W15	054	1	23	Construction	Region 15 - Cla	9.3		548
20062		W15	062	1	23	Construction	Region 15 - Cla	13.1		498
20062		W15	062	0	23	Construction	Region 15 - Cla	7.25		229
20054		W15	054	1	23	Construction	Region 15 - Cla	11.18		287
20062		W15	062	0	23	Construction	Region 15 - Cla	29.77		13
20062		W15	062	1	23	Construction	Region 15 - Cla	9.34		82
20062		W15	062	1	23	Construction	Region 15 - Cla	9.86		379
20062		W15	062	1	23	Construction	Region 15 - Cla	16.57		407
20061		W15	062	0	23	Construction	Region 15 - Cla	11.14		92
20062		W15	062	0	23	Construction	Region 15 - Cla	17.79		541
20062		W15	062	0	23	Construction	Region 15 - Cla	11.32		102
20061		W15	061	0	23	Construction	Region 15 - Cla	10		43
20062		W15	062	1	23	Construction	Region 15 - Cla	10.53		495
20062		W15	062	1	23	Construction	Region 15 - Cla	10.67		49

The next query is a 'make table' query. It will tabulate wage data for NAICS 561311, 561320, and 561330.

Select 'tbl raw_data_wages'. Select the following fields and criteria. Be sure to select "Σ" on the toolbar.

Group By
WORKFORCE_REGION_DESCRIPTION

Expression

Wage Gain Eligible:

(FormatNumber(Sum(If((([WAGE_GAIN_CALC_FLAG]="1") And ([POST_EPISODE_AVG_HRLY_WAGE]>0) And ([WAGE_GAIN_AVG_HRLY_WAGE]>0),1,0)),0))

Expression

Placement:

```
CCur(Round(Avg(If([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))
```

Expression

5thQTRwage:

```
CCur(Round(Avg(If([WAGE_GAIN_CALC_FLAG]="1") And  
([POST_EPISODE_AVG_HRLY_WAGE]>0) And  
([WAGE_GAIN_AVG_HRLY_WAGE]>0),[WAGE_GAIN_AVG_HRLY_WAGE])),2  
)
```

Expression

AvgWageGain:

```
CCur(Round([5thQTRwage]-[Placement],2.2))
```

Where

POST_EPISODE_PRI_NAICS_CODE

(criteria) "561311" Or "561320" Or "561330"

Where

WQC_REGION_CODE

(criteria) <>"W00"

Save the query as 'qry_561311_561320_561330_wages'.

Run query – The query should look like this.

WORKFORCE	Wage Gain Elig	Placement	5thQTRwage	AvgWageGain
Region 01 - Cla	351	\$10.94	\$12.86	\$1.92
Region 02 - Mul	7,215	\$11.77	\$13.50	\$1.73
Region 03 - Mar	2,052	\$10.30	\$12.03	\$1.73
Region 04 - Ber	1,404	\$10.53	\$12.20	\$1.67
Region 05 - Lan	1,958	\$10.19	\$11.67	\$1.48
Region 06 - Dou	602	\$9.38	\$11.39	\$2.01
Region 07 - Coc	443	\$9.47	\$11.23	\$1.76
Region 08 - Jac	879	\$9.80	\$11.53	\$1.73
Region 09 - Gilli	68	\$10.82	\$13.38	\$2.56
Region 10 - Cro	662	\$10.67	\$12.51	\$1.84
Region 11 - Klai	204	\$9.06	\$10.89	\$1.83
Region 12 - Mor	324	\$9.12	\$10.66	\$1.54
Region 13 - Bak	71	\$9.73	\$12.16	\$2.43
Region 14 - Gra	88	\$9.27	\$11.03	\$1.76
Region 15 - Cla	1,099	\$11.64	\$13.76	\$2.12

Save the table as 'tbl_561311_561320_561330_wages'.

The last query is also a 'make table' query. It will tabulate data for NAICS 56.

Select 'tbl raw_data_wages'. Select the following fields and criteria. Be sure to select "Σ" on the toolbar.

Group By
NAICS_GROUP_DESCRIPTION

Expression

Wage Gain Eligible:

(FormatNumber(Sum(If((([WAGE_GAIN_CALC_FLAG]="1") And ([POST_EPISODE_AVG_HRLY_WAGE]>0) And ([WAGE_GAIN_AVG_HRLY_WAGE]>0),1,0)),0))

Expression

Placement:

```
CCur(Round(Avg(If([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))
```

Expression

5thQTRwage:

```
CCur(Round(Avg(If([WAGE_GAIN_CALC_FLAG]="1") And  
([POST_EPISODE_AVG_HRLY_WAGE]>0) And  
([WAGE_GAIN_AVG_HRLY_WAGE]>0),[WAGE_GAIN_AVG_HRLY_WAGE])),2  
)
```

Expression

AvgWageGain:

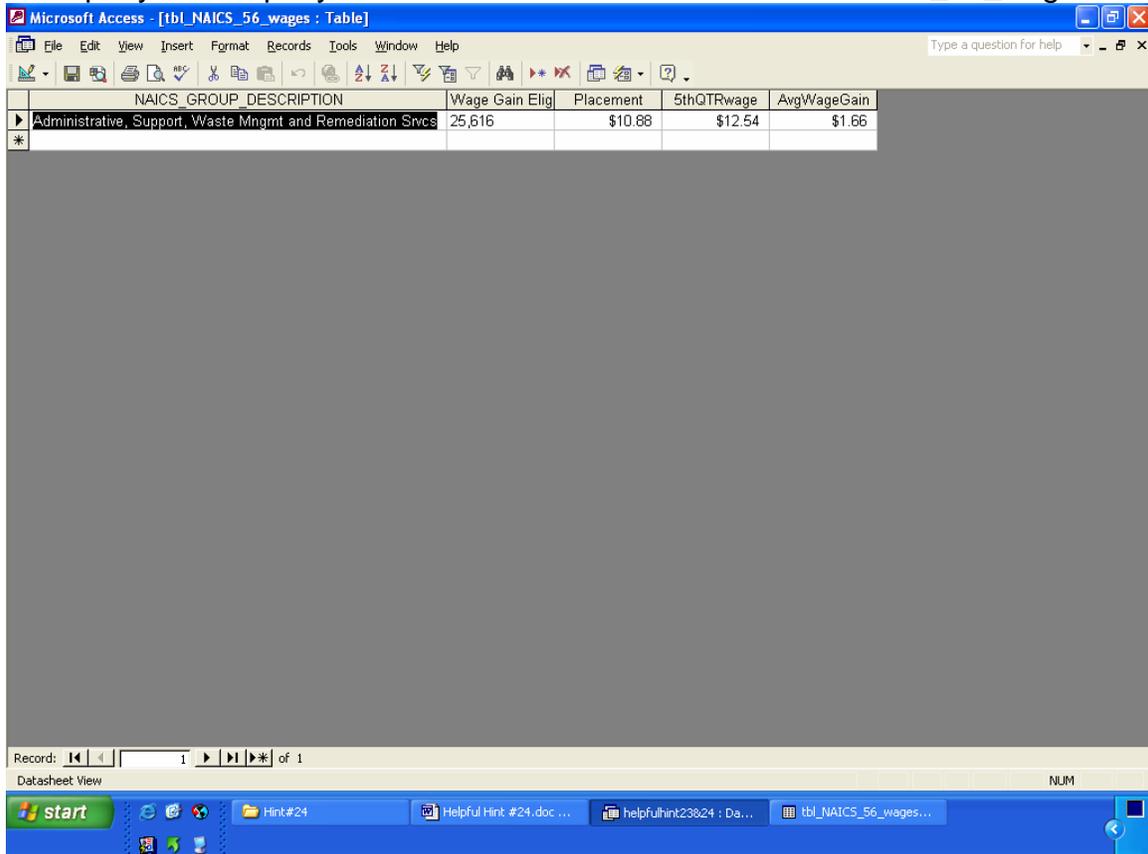
```
CCur(Round([5thQTRwage]-[Placement],2.2))
```

Where

NAICS_GROUP_CODE

(criteria) "56"

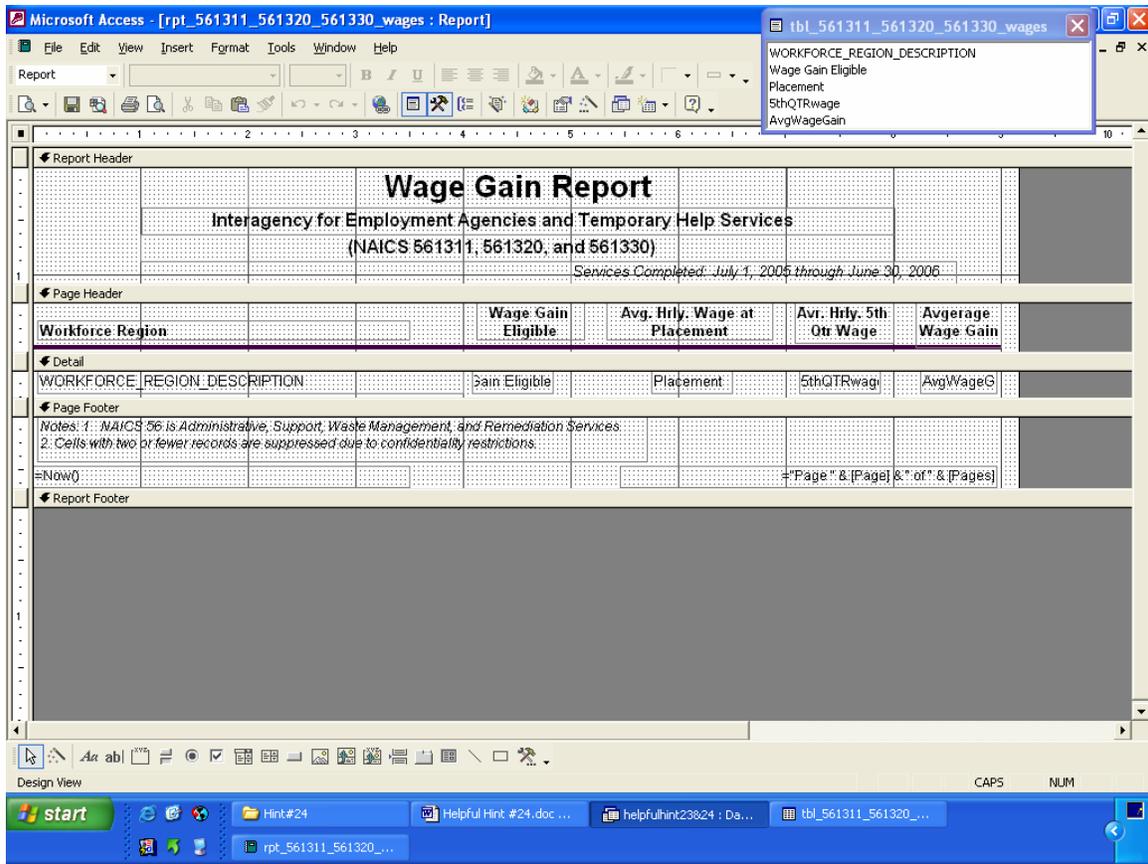
Run query – The query should look like this. Save the table as 'tbl_56_wages'.



Before work on the form can begin, you must copy and paste the line of data from 'tbl_56_wages' into 'tbl_561311_561320_561330_wages'. This is because the report can only use one table as its data source. The latter table should now look like this; the data label for NAICS 56 is 'Statewide NAICS 56'.

WORKFORCE_REGION_DESCRIPTION	Wage Gain Eligible	Placement	5thQTRwage	AvgWageGain
Region 01 - Clatsop, Columbia, Tillamook	351	\$10.94	\$12.86	\$1.92
Region 02 - Multnomah, Washington	7,215	\$11.77	\$13.50	\$1.73
Region 03 - Marion, Polk, Yamhill	2,052	\$10.30	\$12.03	\$1.73
Region 04 - Benton, Lincoln, Linn	1,404	\$10.53	\$12.20	\$1.67
Region 05 - Lane	1,958	\$10.19	\$11.67	\$1.48
Region 06 - Douglas	602	\$9.38	\$11.39	\$2.01
Region 07 - Coos, Curry	443	\$9.47	\$11.23	\$1.76
Region 08 - Jackson, Josephine	879	\$9.80	\$11.53	\$1.73
Region 09 - Gilliam, Hood River, Sherman, Wasco, Wheeler	68	\$10.82	\$13.38	\$2.56
Region 10 - Crook, Deschutes, Jefferson	662	\$10.67	\$12.51	\$1.84
Region 11 - Klamath, Lake	204	\$9.06	\$10.89	\$1.83
Region 12 - Morrow, Umatilla	324	\$9.12	\$10.66	\$1.54
Region 13 - Baker, Union, Wallowa	71	\$9.73	\$12.16	\$2.43
Region 14 - Grant, Harney, Malheur	88	\$9.27	\$11.03	\$1.76
Region 15 - Clackamas	1,099	\$11.64	\$13.76	\$2.12
Statewide NAICS 56	25,616	\$10.88	\$12.54	\$1.66

The report will be created in design view, using 'tbls_561311_561320_561330_wages' as its source.



It should make clear that the data is for 3rd quarter 2006. It should footnote that NAICS 56 refers to Administrative, Support, Waste Management, and Remediation Services.

The final product looks like this.

Microsoft Access - [tbl_561311_561320_561330]

File Edit View Tools Window Help

Type a question for help

Fit Close Setup

Wage Gain Report

Interagency for Employment Agencies and Temporary Help Services
(NAICS 561311, 561320, and 561330)

Services Completed: July 1, 2005 through June 30, 2006

Workforce Region	Wage Gain Eligible	Avg. Hly. Wage at Placement	Avg. Hly. 5th Qtr. Wage	Average Wage Gain
Region 01 - Clatsop, Columbia, Tillamook	351	\$10.94	\$12.86	\$1.92
Region 02 - Multnomah, Washington	7,215	\$11.77	\$13.50	\$1.73
Region 03 - Marion, Polk, Yamhill	2,062	\$10.30	\$12.03	\$1.73
Region 04 - Benton, Lincoln, Linn	1,404	\$10.53	\$12.20	\$1.67
Region 05 - Lane	1,958	\$10.19	\$11.67	\$1.48
Region 06 - Douglas	602	\$9.38	\$11.39	\$2.01
Region 07 - Coos, Curry	443	\$9.47	\$11.23	\$1.76
Region 08 - Jackson, Josephine	879	\$9.80	\$11.43	\$1.73
Region 09 - Gilliam, Hood River, Sherman, Wasco, Wheeler	68	\$10.82	\$13.38	\$2.56
Region 10 - Crook, Deschutes, Jefferson	662	\$10.67	\$12.51	\$1.84
Region 11 - Klamath, Lake	204	\$9.06	\$10.89	\$1.83
Region 12 - Morrow, Umatilla	324	\$9.12	\$10.66	\$1.54
Region 13 - Baker, Union, Wallowa	71	\$9.73	\$12.16	\$2.43
Region 14 - Grant, Harney, Malheur	88	\$9.27	\$11.03	\$1.76
Region 15 - Clackamas	1,099	\$11.04	\$13.76	\$2.12
Statewide NAICS 56	25,616	\$10.88	\$12.54	\$1.66

Notes: 1. NAICS 56 is Administrative, Support Waste Management and Remediation Services.
2. Cells with two or fewer records are suppressed due to confidentiality restrictions.

Wednesday, May 21, 2008 Page 1 of 1

Page: 1 of 1

Ready NUM

start

Hint#24 helpful Hint #24.doc ... helpfuhint 24 : Datab... tbl_561311_561320_...

tbl_561311_561320_... helpfuhint23&24 : Da... tbl_561311_561320_...