

# Creating Custom Over / Under Billing Reports via MS Query

In this session we will cover the ability to create a custom Over / Under Billing Report using the MS Query tool and Excel.

First, we will create a sheet with a complete job list. This is done because we are not sure that all jobs have all of the information contained within the O/U Report (ie: contract, estimated cost, change orders, cost and billing). We will pull this information from additional queries and link the data together in a single spreadsheet.

## JOB LIST

Access the JOBS table from the MS Query tool.

Select the following fields:

- JOB\_STATUS
- PROJECT\_MANAGER\_ID
- JOB\_ID
- DESCRIPTION
- ORIGINAL\_CONTRACT
- ORIGINAL\_COST

We will enable criteria to **not include** "O" – Overhead jobs based on the Job\_Status field.

The Original\_Contract and Original\_Cost fields are the information entered on the General Tab of the Job Maintenance record.

The screenshot shows the Microsoft Query interface with the 'jobs' table selected. The criteria field is set to 'job\_status' with a value of '<>'O'', and the 'or' checkbox is checked. Below the interface is a table of job data.

job_status	project_manager_id	job_id	description	original_contract	original_cost
A	JOE	5	Test New Budget	.00	1222000.00
A	100BTC	6	Basil Import	.00	50100.00
A	100BTC	7	Basil2	.00	229355.00

Return the Data to Excel, rename the tab JOB and access the second tab.

## CHANGE ORDERS

On the second tab, we will query change order information. This will include changes in contract amount and changes in estimated cost.

The table we will use is titled JOB\_CHG. Select the following fields.

JOB\_ID  
TOT\_INCOME\_ADJ  
TOT\_COST\_ADJ

We will also enable some criteria to select Change Orders with a Status of A for Approved and E for Estimate only.

Additional criteria will be enabled to include Change Orders dated on or before a particular date.

The screenshot shows the Microsoft Query interface. The main window displays the 'job\_chg' table with various fields. Two 'Edit Criteria' dialog boxes are open. The first dialog box is for the 'status' field, with the operator set to 'is one of' and the value set to 'A,E'. The second dialog box is for the 'date\_booked' field, with the operator set to 'is less than or equal to' and the value set to '[Dated]'. The results table at the bottom shows the following data:

job_id	tot_income_adj	tot_cost_adj
2	4000.00	3000.00
3	10000.00	9000.00
4	10000.00	8000.00

Return this data to the second tab, rename the tab CO of the Excel Sheet.

## BILLINGS

On the third tab, we will create a sheet for the billings on the contract.

For this query, we will use the V\_EM\_JC\_BILLINGS table.

Pull the following fields from the table:

JOB\_ID  
AMOUNT\_INVOICED

Criteria will be added based on the ADJUST\_DATE field to show billings on or before a particular date.

We can also sum the total of amount\_invoiced field into a single line per job.

The screenshot shows the Microsoft Query interface. The main window displays a query from 'Cas\_Scott' with the following fields: adjust\_amount\_due, adjust\_date, adjust\_retainage\_amount, AMOUNT\_INVOICED, cash\_amount, company\_id, company\_no, cr\_version, customer\_id, customer\_no, and description. The 'Criteria Field' section shows 'adjust\_date' with a value of '<=[Dated]'. The 'Edit Column' section shows 'AMOUNT\_INVOICED' with a column heading of 'Sum of AMOUNT\_INVOICED' and a total of 'Sum'. The 'Edit Criteria' dialog box shows 'adjust\_date' with the operator 'is less than or equal to' and the value '[Dated]'. The 'Edit Column' dialog box shows 'AMOUNT\_INVOICED' with the column heading 'Sum of AMOUNT\_INVOICED' and the total 'Sum'. The data table below shows the results of the query:

job_id	Sum of AMOUNT_IN
	-8080.00
1	124769.44
10	1543429.47
100	502411.40

Return the Data to the third tab, rename the tab to BILL.

## JOB COST

Access the Fourth and Final Tab of the the query and access the V\_JOB\_HISTORY table to pull in job to date costs.

Select the following Fields:

JOB\_ID  
COSTS

We will enable criteria on the date\_booked field to include records on or before a certain date, and we will sum the costs for consolidation to one line per job.

The screenshot shows the Microsoft Query interface. The main window displays a query from 'Cas\_Scott' with the following fields selected: v\_job\_history, account\_cr, account\_wip, ar\_invoice\_id, ar\_invoice\_no, and cash\_trx\_id. The 'Criteria Field' is set to 'date\_booked' with a value of '<=[Dated]'. The 'Edit Criteria' dialog box is open, showing the field 'date\_booked' with the operator 'is less than or equal to' and the value '[Dated]'. The 'Edit Column' dialog box is also open, showing the field 'cost' with the column heading 'Sum of cost' and the total function 'Sum'. The main window displays a table with the following data:

job_id	Sum of cost
ESB	-168.00
EE123	500.00
129	1100.00
PIT3	37.00
?	2142.00

Return the Data to the fourth tab of Excel and rename the tab COST.

## COMBINING THE DATA TO A SINGLE SHEET

OK, so we have 4 tabs of information, all the building blocks of an Over/Under Billing Report. Now we will need to consolidate all of the information to a single sheet.

This is possible by using our formulaic friends VLOOKUP and SUMIF.

If you are still struggling with these formulas, remember that the VLOOKUP works if you are returning a single value from another page, or if you are looking up TEXT based information. SUMIF formulas are used when there are multiple values to SUM together and consolidate to a single sheet based on the reference cell. You can also use a SUMIF formula to return a single value, but you can not return text based information with a SUMIF formula.

When creating the queries for this lesson, I purposely left the Change Order Information in detail to illustrate the use of a SUMIF formula.

We need to “marry” the information on the Change Order Sheet to the Main Job List Sheet based on the Job\_ID.

### JOB SHEET

	B	C	D
1	project_manager_id	job_id	description
2	JOE	5	Test New Budget
3	100BTC	6	Basil Import
4	100BTC	7	Basil2
5	100STK	8	Before Tax Fringe
6	GEF	10	T&M Job
7	100STK	50	Fessler & Bowman
8	100STK	51	Here is the Auto Refresh

### CHANGE ORDER (CO) SHEET

	A	B	C
1	job_id	tot_income_adj	tot_cost_adj
2	2	4000	3000
3	3	10000	9000
4	3	1000	800
5	5	3000	2000
6	5	2000	1000
7	5	2000	1000
8	10	12300	35654
9	10	45000	27400
10	10	12000	27400
11	100	100	50

The information on the Change Order Sheet has 3 lines of data. These are values from 3 individual change orders against Job number 5.

In order to tie the SUM of the three values back to the main sheet, we will use the SUMIF formula.

The VLOOKUP formula will NOT work in this case, as it would find the first match for Job number 5 on the Change Order sheet, and return a single value, not the SUM of all of the values on the sheet.

On the Job list sheet, in Cell G2, create the following formula:

`=SUMIF(CO!A:A,JOB!C2,CO!B:B)`

This formula “says” – look in all of column A of the CO sheet. Look for a value based on the value in cell C2 of the JOB sheet (in this case – Job 5). When you find that value, SUM any number found in Column B (total income adjustment) on the CO tab.

	B	C	D	E	F	G	H
1	project_manager_id	job_id	description	original_contract	original_cost	Column G	
2	JOE	5	Test New Budget	0	1222000	7000	
3	100BTC	6	Basil Import	0	50100	0	
4	100BTC	7	Basil2	0	229355	0	

This sum represents the total income adjustments to the particular job. Create a similar formula to sum the total COST adjustments from the change orders.

The formula is identical except for the last parameter that tells the formula to look in Column C for the values to sum.

`=SUMIF(CO!A:A,JOB!C2,CO!C:C)`

	B	C	D	E	F	G	H	I
1	project_manager_id	job_id	description	original_contract	original_cost	Cont CO	Cost CC	
2	JOE	5	Test New Budget	0	1222000	7000	4000	
3	100BTC	6	Basil Import	0	50100	0	0	
4	100BTC	7	Basil2	0	229355	0	0	
5	100STK	8	Before Tax Fringe	0	10000	0	0	

Add two more columns to the JOB sheet titled Revised Contract and Revised Cost.

These are simple additions that add the original contract and the changes to contract and the original costs to the changes in cost.

1	job_id	description	original_contract	original_cost	Cont CO	Cost CC	Rev Co	Revised
2	5	Test New Budget	0	1222000	7000	4000	7000	1229000
3	6	Basil Import	0	50100	0	0	0	50100
4	7	Basil2	0	229355	0	0	0	229355
5	8	Before Tax Fringe	0	10000	0	0	0	10000

We will now pull in the Billing information from the BILL sheet.

Even though we consolidated the data within the query by using the SUM function, we can use the SUMIF to pull the data from the BILL sheet to the JOB sheet.

`=SUMIF(BILL!A:A,JOB!C2,BILL!B:B)`

If the value on the BILL sheet in column A matches the value in CELL C2 (job 5) then sum the associated value in Column B of the BILL sheet.

1	description	original_contract	original_cost	Cont CO	Cost CC	Rev Co	Revised	BILLING
2	Test New Budget	0	1222000	7000	4000	7000	1229000	1012650
3	Basil Import	0	50100	0	0	0	50100	2700
4	Basil2	0	229355	0	0	0	229355	1027.5
5	Before Tax Fringe	0	10000	0	0	0	10000	0

Pulling COST to the JOB sheet. Wash, Rinse, Repeat for the Cost information, create a SUMIF to pull the data from the COST tab to the JOB tab.

=SUMIF(COST!A:A,JOB!C2,COST!B:B)

The screenshot shows the Excel interface with the formula bar containing `=SUMIF(COST!A:A,JOB!C2,COST!B:B)` in cell L2. Below the formula bar is a table with columns E through M. The table has a header row (row 1) and five data rows (rows 2-5). The 'COST' column (column L) contains values 965678, 5344.98, 1432.85, and 3228 for rows 2-5 respectively.

	E	F	G	H	I	J	K	L	M
1	original_contract	original_cost	Cont CO	Cost CO	Rev Co	Revised	BILLING	COST	
2	0	1222000	7000	4000	7000	1229000	1012650	965678	
3	0	50100	0	0	0	50100	2700	5344.98	
4	0	229355	0	0	0	229355	1027.5	1432.85	
5	0	10000	0	0	0	10000	94000	3228	

Now create the formula to calculate the Estimated Profit = Revised Contract – Revised Cost:

The screenshot shows the Excel interface with the formula bar containing `=I2-J2` in cell M2. Below the formula bar is a table with columns F through M. The table has a header row (row 1) and five data rows (rows 2-5). The 'EST PROFIT' column (column M) contains values \$ (1,219,000.00), \$ (50,100.00), \$ (229,355.00), and \$ (10,000.00) for rows 2-5 respectively.

	F	G	H	I	J	K	L	M
1	original_cost	Cont CO	Cost CO	Rev Cont	Revised Cos	BILLING	COST	EST PROFIT
2	\$ 1,222,000.00	\$ 7,000.00	\$ 4,000.00	\$ 7,000.00	\$ 1,226,000.00	\$ 1,012,650.00	\$ 965,678.00	\$ (1,219,000.00)
3	\$ 50,100.00	\$ -	\$ -	\$ -	\$ 50,100.00	\$ 2,700.00	\$ 5,344.98	\$ (50,100.00)
4	\$ 229,355.00	\$ -	\$ -	\$ -	\$ 229,355.00	\$ 1,027.50	\$ 1,432.85	\$ (229,355.00)
5	\$ 10,000.00	\$ -	\$ -	\$ -	\$ 10,000.00	\$ 94,000.00	\$ 3,228.00	\$ (10,000.00)



Create a formula to calculate Percentage of Completion:

If Revised Estimated Cost = 0,0,(Cost / Revised Estimated Cost)\*100

This will remove the possibility of those pesky #DIV/0 errors

	I	J	K	L	M	N	R
1	Rev Cont	Revised Cos	BILLING	COST	EST PROFIT	PER CO	
2	\$ 7,000.00	\$ 1,226,000.00	\$ 1,012,650.00	\$ 965,678.00	\$ (1,219,000.00)	78.77	
3	\$ -	\$ 50,100.00	\$ 2,700.00	\$ 5,344.98	\$ (50,100.00)	10.67	
4	\$ -	\$ 229,355.00	\$ 1,027.50	\$ 1,432.85	\$ (229,355.00)	0.62	
5	\$ -	\$ 10,000.00	\$ 94,000.00	\$ 3,228.00	\$ (10,000.00)	32.28	

Next, we will calculate the Earned Revenue amount:

Percentage of Completion \* Revised Contract Amount

	I	J	K	L	M	N	O	R	S	T
1	Rev Cont	Revised Cos	BILLING	COST	EST PROFIT	PER CO	EARNED REV			
2	\$ 7,000.00	\$ 1,226,000.00	\$ 1,012,650.00	\$ 965,678.00	\$ (1,219,000.00)	78.77	\$ 5,513.66			
3	\$ -	\$ 50,100.00	\$ 2,700.00	\$ 5,344.98	\$ (50,100.00)	10.67	\$ -			
4	\$ -	\$ 229,355.00	\$ 1,027.50	\$ 1,432.85	\$ (229,355.00)	0.62	\$ -			
5	\$ -	\$ 10,000.00	\$ 94,000.00	\$ 3,228.00	\$ (10,000.00)	32.28	\$ -			

NOTE: The Earned Revenue calculation shown in this example is not the “gospel”, many companies calculate the earned revenue figure in different manner (ie: Earned Profit + Cost To Date). You may use whatever calculation you choose when creating these reports.

Calculation for OVER BILLING:

If Billing to Date – Earned Revenue > 0, Billing to Date – Earned Revenue otherwise 0.

This formula states that if you have Billed more than the Earned Revenue amount, you are OVERBILLED by the amount of the Billing less the Earned Revenue Amount. If you are NOT overbilled, then show a \$0.00 value in the column.

The screenshot shows the Excel interface with the formula bar containing the formula `=IF(K2-O2>0,K2-O2,0)`. The table below shows the following data:

	J	K	L	M	N	O	P	R
1	Revised Cos	BILLING	COST	EST PROFIT	PER CO	EARNED REV	OVER BILL	
2	\$ 1,226,000.00	\$ 1,012,650.00	\$ 965,678.00	\$ (1,219,000.00)	78.77	\$ 5,513.66	\$ 1,007,136.34	
3	\$ 50,100.00	\$ 2,700.00	\$ 5,344.98	\$ (50,100.00)	10.67	\$ -	\$ 2,700.00	
4	\$ 229,355.00	\$ 1,027.50	\$ 1,432.85	\$ (229,355.00)	0.62	\$ -	\$ 1,027.50	
5	\$ 10,000.00	\$ 94,000.00	\$ 3,228.00	\$ (10,000.00)	32.28	\$ -	\$ 94,000.00	
6	\$ 1,590,454.00	\$ 1,543,429.47	\$ 1,413,284.07	\$ 278,846.00	88.86	\$ 1,661,067.79	\$ -	

Calculation for UNDER BILLING:

This calculation computes if you have billed LESS than the EARNED REVENUE figure. If the Billing amount less the Earned Revenue is less than 0, then subtract the BILLING AMOUNT from the EARNED REVENUE amount, otherwise show \$0.00.

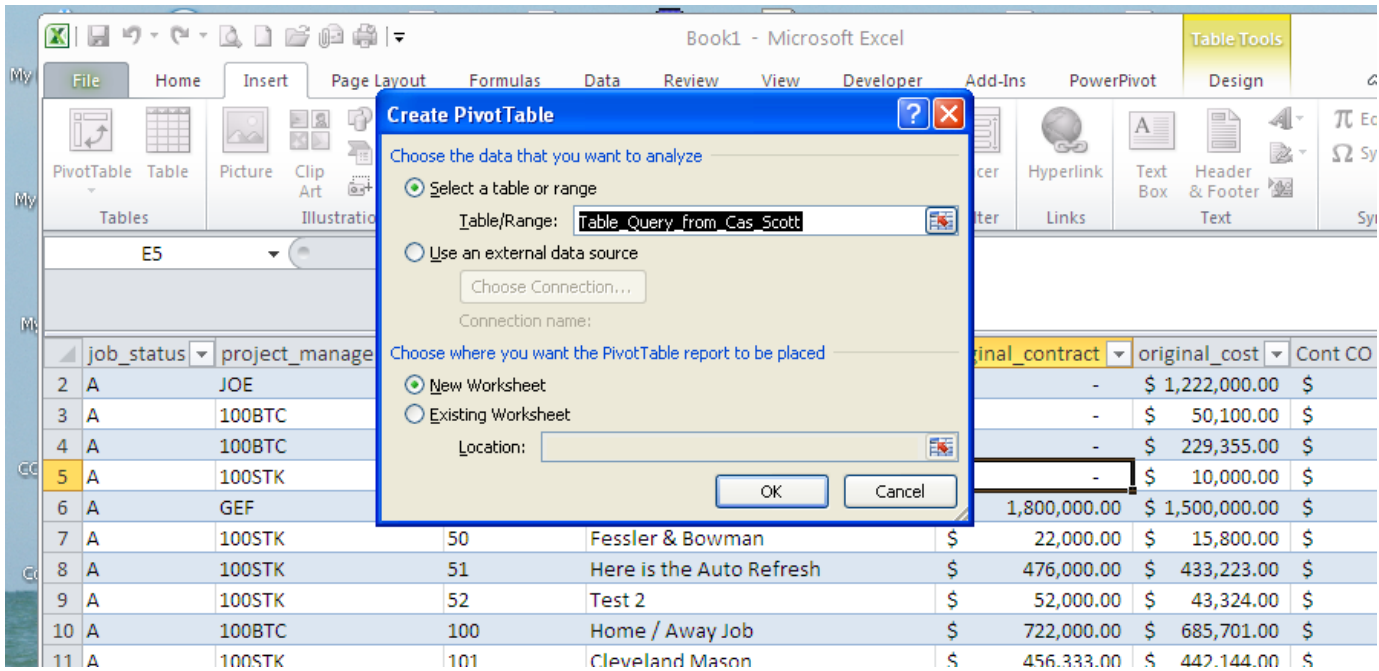
The screenshot shows the Excel interface with the formula bar containing the formula `=IF(K2-O2<0,O2-K2,0)`. The table below shows the following data:

	J	K	L	M	N	O	P	Q	R
1	Revised Cos	BILLING	COST	EST PROFIT	PER CO	EARNED REV	OVER BILL	UNDER BIL	
2	\$ 1,226,000.00	\$ 1,012,650.00	\$ 965,678.00	\$ (1,219,000.00)	78.77	\$ 5,513.66	\$ 1,007,136.34	\$ -	
3	\$ 50,100.00	\$ 2,700.00	\$ 5,344.98	\$ (50,100.00)	10.67	\$ -	\$ 2,700.00	\$ -	
4	\$ 229,355.00	\$ 1,027.50	\$ 1,432.85	\$ (229,355.00)	0.62	\$ -	\$ 1,027.50	\$ -	
5	\$ 10,000.00	\$ 94,000.00	\$ 3,228.00	\$ (10,000.00)	32.28	\$ -	\$ 94,000.00	\$ -	

We now have all the components to create the over/under billing report.

We needed to include the % OF COMPLETION calculation within our Database Tabl, but we will have to rewrite the equation in the Pivot Table, as we do not want the % of COMPLETION amounts to add up, we would like to see an overall percentage of completion amount for all of the jobs on the report.

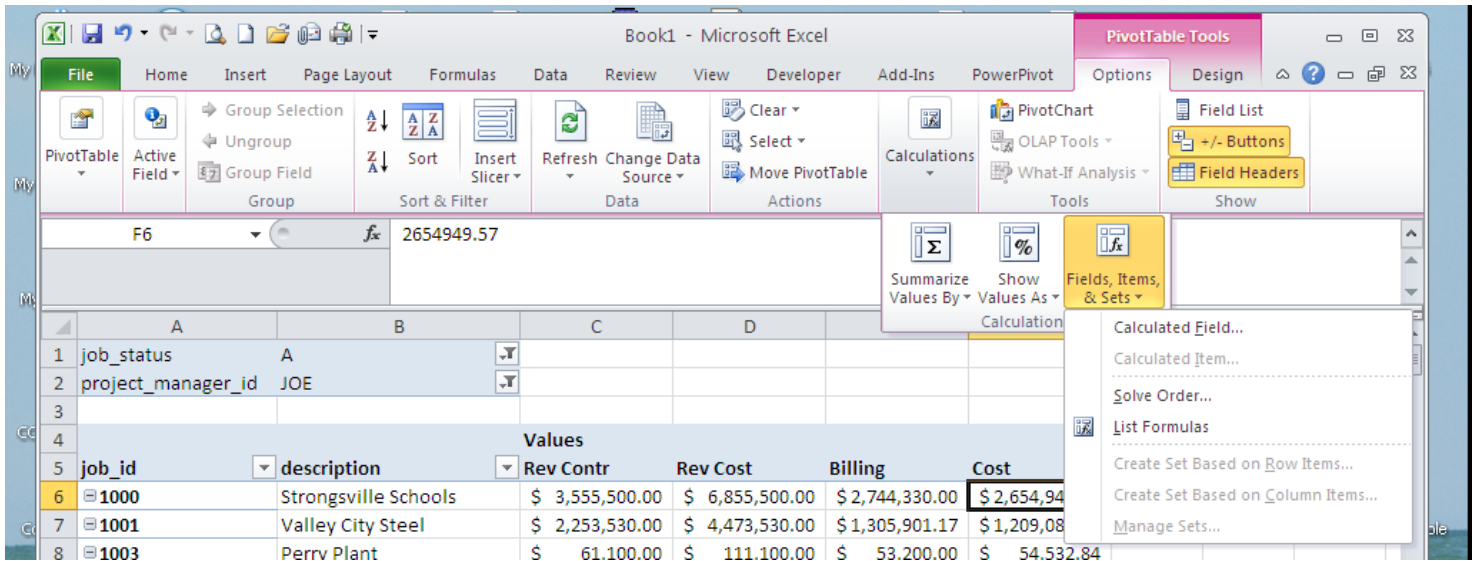
We will insert a PIVOT TABLE based on the data collected within the new table on the JOB tab. The pivot table will be created on a new spreadsheet.



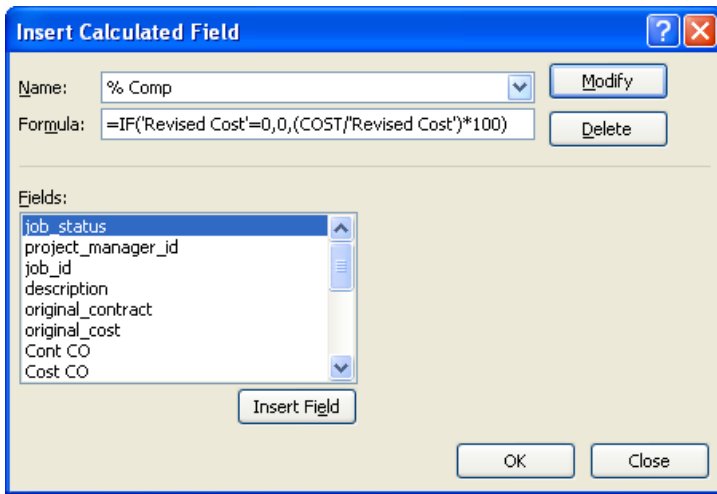
Format the pivot table with your desired criteria. NOTE – DO NOT INCLUDE PERCENTAGE OF COMPLETION as one of the VALUE fields, we will create a calculated field for this figure.

job_id	description	Rev Contr	Rev Cost	Est Profit	Earned Rev	Billing	Cost	Over Bill	Under Bill
@101	Cleveland Mason	\$ 456,333.00	\$ 442,144.00	\$ 14,189.00	\$ 4,331.69	\$ 5,302.00	\$ 4,197.00	\$ 970.31	\$ -
@104	Belcher Delivery to Job	\$ 27,500.00	\$ 12,500.00	\$ 15,000.00	\$ 25,297.80	\$ 13,000.00	\$ 11,499.00	\$ -	\$ 12,297.80
@109	I/N test Job	\$ 100,000.00	\$ 90,000.00	\$ 10,000.00	\$ 7,421.80	\$ -	\$ 6,679.62	\$ -	\$ 7,421.80
@115	Hunt Test	\$ 25,000.00	\$ 23,553.00	\$ 1,447.00	\$ 1,175.83	\$ 1,300.00	\$ 1,107.77	\$ 124.17	\$ -
@119	2 Engert	\$ 62,000.00	\$ 53,266.00	\$ 8,734.00	\$ 9,449.69	\$ -	\$ 8,118.50	\$ -	\$ 9,449.69
@161	Duggan & Duggan	\$ -	\$ 3,455.00	\$ (3,455.00)	\$ -	\$ -	\$ 1,440.00	\$ -	\$ -
@172	FBG Test	\$ -	\$ 45,345.00	\$ (45,345.00)	\$ -	\$ -	\$ 29,431.15	\$ -	\$ -
@50	Fessler & Bowman	\$ 22,000.00	\$ 15,800.00	\$ 6,200.00	\$ 9,586.96	\$ 150,100.00	\$ 6,885.18	\$ 140,513.04	\$ -
@51	Here is the Auto Refresh	\$ 476,000.00	\$ 433,223.00	\$ 42,777.00	\$ -	\$ -	\$ -	\$ -	\$ -
@52	Test 2	\$ 52,000.00	\$ 43,324.00	\$ 8,676.00	\$ -	\$ -	\$ -	\$ -	\$ -
@8	Before Tax Fringe	\$ -	\$ 10,000.00	\$ (10,000.00)	\$ -	\$ 94,000.00	\$ 3,228.00	\$ 94,000.00	\$ -
<b>Grand Total</b>		<b>\$ 1,220,833.00</b>	<b>\$ 1,172,610.00</b>	<b>\$ 48,223.00</b>	<b>\$ 57,263.76</b>	<b>\$ 263,702.00</b>	<b>\$ 72,586.22</b>	<b>\$ 235,607.53</b>	<b>\$ 29,169.29</b>

On the Pivot Table Tools OPTIONS tab, under Calculation, Fields,Items & Sets, select Calculated Field



Percent Complete:  $=IF('Revised Cost'=0,0,(COST/'Revised Cost')*100)$  the IF statement is written to remove potential #DIV/O errors when there are no estimated costs.



Click OK to save the formula to save and place the new calculation in the desired column within the pivot table report.

job_id	description	Rev Contr	Rev Cost	Est Profit	Cost	% Comp	Earned Rev	Billing	Over Bill	Under Bill
101	Cleveland Mason	\$ 456,333.00	\$ 442,144.00	\$ 14,189.00	\$ 4,197.00	0.95	\$ 4,331.69	\$ 5,302.00	\$ 970.31	\$ -
104	Belcher Delivery to Job	\$ 27,500.00	\$ 12,500.00	\$ 15,000.00	\$ 11,499.00	91.99	\$ 25,297.80	\$ 13,000.00	\$ -	\$ 12,297.80
109	I/N test Job	\$ 100,000.00	\$ 90,000.00	\$ 10,000.00	\$ 6,679.62	7.42	\$ 7,421.80	\$ -	\$ -	\$ 7,421.80
115	Hunt Test	\$ 25,000.00	\$ 23,553.00	\$ 1,447.00	\$ 1,107.77	4.70	\$ 1,175.83	\$ 1,300.00	\$ 124.17	\$ -
119	2 Engert	\$ 62,000.00	\$ 53,266.00	\$ 8,734.00	\$ 8,118.50	15.24	\$ 9,449.69	\$ -	\$ -	\$ 9,449.69
161	Duggan & Duggan	\$ -	\$ 3,455.00	\$ (3,455.00)	\$ 1,440.00	41.68	\$ -	\$ -	\$ -	\$ -
172	FBG Test	\$ -	\$ 45,345.00	\$ (45,345.00)	\$ 29,431.15	64.90	\$ -	\$ -	\$ -	\$ -
50	Fessler & Bowman	\$ 22,000.00	\$ 15,800.00	\$ 6,200.00	\$ 6,885.18	43.58	\$ 9,586.96	\$ 150.00	\$ -	\$ -
51	Here is the Auto Refresh	\$ 476,000.00	\$ 433,223.00	\$ 42,777.00	\$ -	-	\$ -	\$ -	\$ -	\$ -
52	Test 2	\$ 52,000.00	\$ 43,324.00	\$ 8,676.00	\$ -	-	\$ -	\$ -	\$ -	\$ -
8	Before Tax Fringe	\$ -	\$ 10,000.00	\$ (10,000.00)	\$ 3,228.00	32.28	\$ -	\$ 94,000.00	\$ 94,000.00	\$ -
<b>Grand Total</b>		<b>\$ 1,220,833.00</b>	<b>\$ 1,172,610.00</b>	<b>\$ 48,223.00</b>	<b>\$ 72,586.22</b>	<b>\$ 6.19</b>	<b>\$ 57,263.76</b>	<b>\$ 263,702.00</b>	<b>\$ 235,607.53</b>	<b>\$ 29,169.29</b>

You may quickly change the criteria for the Over/Under Billing report via the column headings:

Here is an example of the O/U Billing Report for a different Project Manager.

	A	B	C	D	E	F	G	H	I	J	K
1	job_status	A									
2	project_manager_id	100BTC									
3											
4			Values								
5	job_id	description	Rev Contr	Rev Cost	Est Profit	Cost	% Comp	Earned Rev	Billing	Over Bill	Under Bill
6	@100	Home / Away Job	\$ 723,200.00	\$ 686,641.00	\$ 36,559.00	\$ 384,170.77	\$ 55.95	\$ 404,625.27	\$ 502,411.40	\$ 97,786.13	\$ -
7	@103	PERDIEM JOB	\$ 45,000.00	\$ 34,452.00	\$ 10,548.00	\$ 2,542.28	\$ 7.38	\$ 3,320.64	\$ 500.00	\$ -	\$ 2,820.64
8	@107	Document Control Job	\$ 15,647.00	\$ 12,345.00	\$ 3,302.00	\$ 2,577.90	\$ 20.88	\$ 3,267.43	\$ -	\$ -	\$ 3,267.43
9	@108	Lien Job	\$ 870,000.00	\$ 720,000.00	\$ 150,000.00	\$ 110.00	\$ 0.02	\$ 132.92	\$ 165,442.00	\$ 165,309.08	\$ -
10	@111	OCIP JOB - 100% OCIP	\$ 92,664.00	\$ 88,752.00	\$ 3,912.00	\$ 12,163.52	\$ 13.71	\$ 12,699.66	\$ -	\$ -	\$ 12,699.66
11	@113	CA OCIP JOB	\$ 20,000.00	\$ 17,000.00	\$ 3,000.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
12	@162	New Monitoring Job	\$ -	\$ 3,322.00	\$ (3,322.00)	\$ -	\$ -	\$ -	\$ 1,200.00	\$ 1,200.00	\$ -
13	@6	Basil Import	\$ -	\$ 50,100.00	\$ (50,100.00)	\$ 5,344.98	\$ 10.67	\$ -	\$ 2,700.00	\$ 2,700.00	\$ -
14	@7	Basil2	\$ -	\$ 229,355.00	\$ (229,355.00)	\$ 1,432.85	\$ 0.62	\$ -	\$ 1,027.50	\$ 1,027.50	\$ -
15	@D001016	Advanced Communications	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
16	<b>Grand Total</b>		<b>\$ 1,766,511.00</b>	<b>\$ 1,841,967.00</b>	<b>\$ (75,456.00)</b>	<b>\$ 408,342.30</b>	<b>\$ 22.17</b>	<b>\$ 424,045.92</b>	<b>\$ 673,280.90</b>	<b>\$ 268,022.71</b>	<b>\$ 18,787.73</b>
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NOTE: We pulled in data from the JOBS table that included JOB\_STATUS and PROJECT\_MANAGER\_ID. You may wish to sort this by Project Class, Geographic Area, even the Payroll Local Tax field. Remember to plan the report first, and add these fields when creating the first JOB LIST tab in this lesson.

You may also sort and filter this report using USER DEFINED fields. With this option, the sorting and filtering possibilities are endless.