

QUICK START: Community Development - Inspections

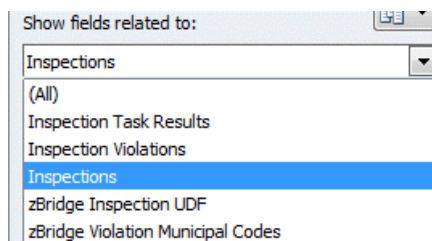
Description

This example explores how close the actual inspection time matched the estimate for the type of inspection and the trending over time.

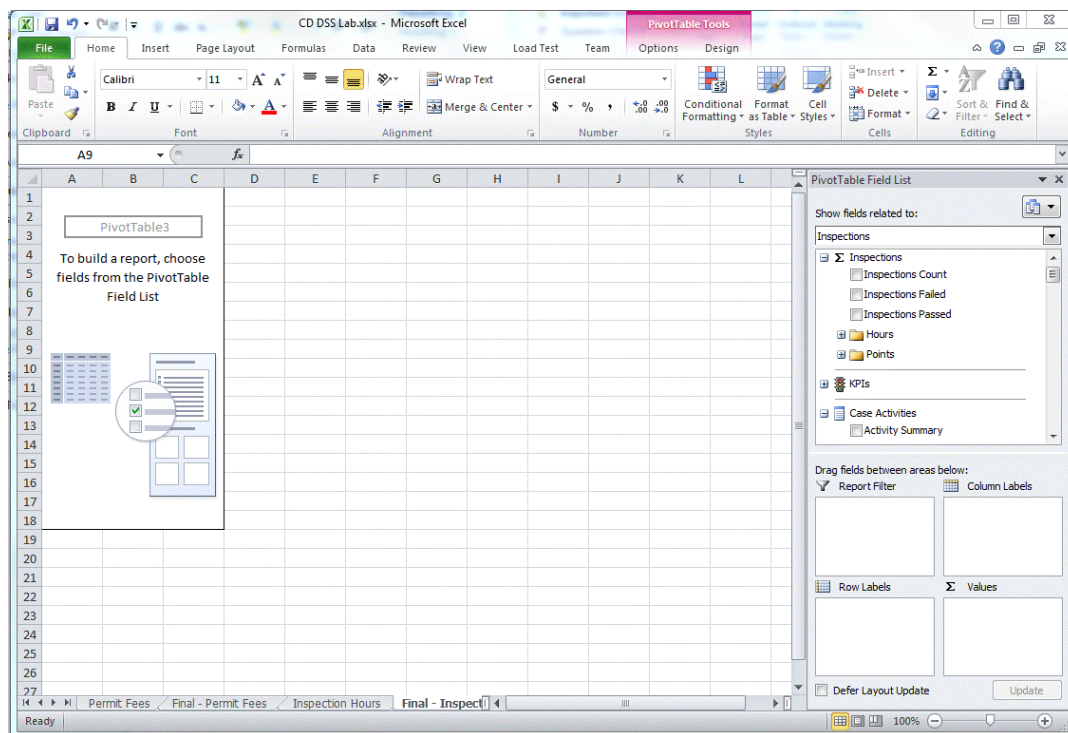
Walkthrough

Open the **CD Inspections.xlsx** template. Change the data source to the General Ledger cube as outlined in the Changing a Template's Data Source Quick Start.

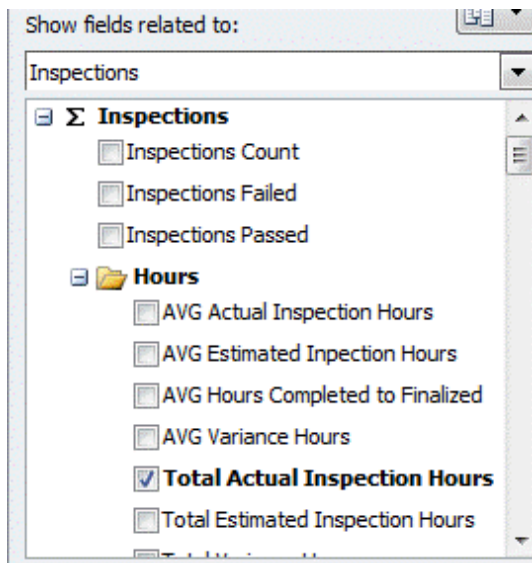
In the Pivot Table Field List, select **Inspections** from the **Show Fields Related To** drop-down list.



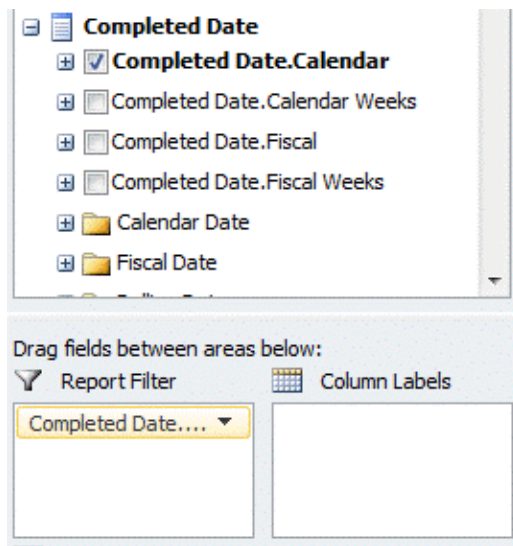
You should see the pivot table below:



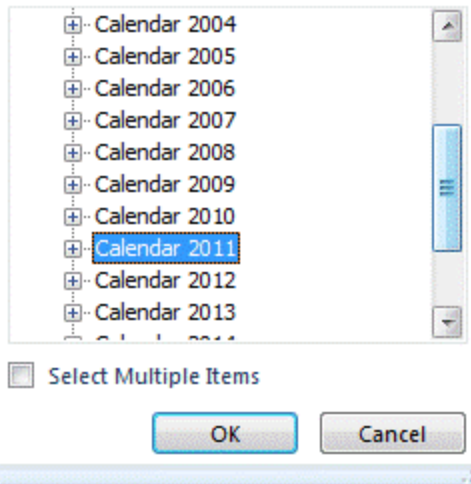
To add Actual Hours to the pivot table, simply select the check box next to **Total Actual Inspection Hours**.



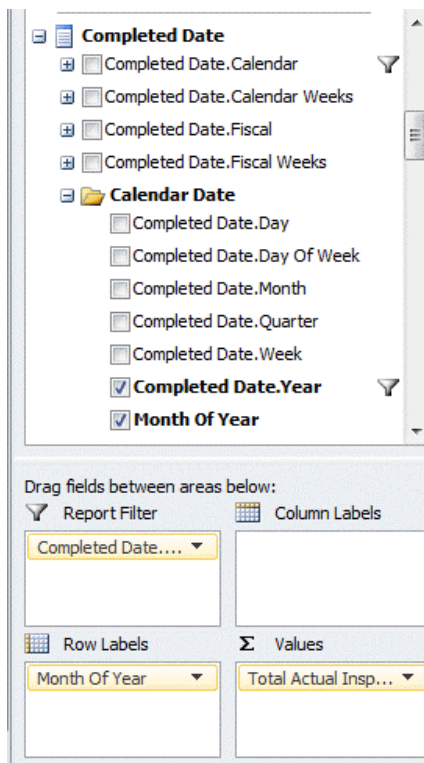
To filter the timeframe of the information we're looking at, drag the **Completed Date.Calendar** field to the **Report Filter** section of the **Field List**.



On the pivot table, click the filter arrow next to **Completed Date.Calendar**. Choose the year or timeframe to view.



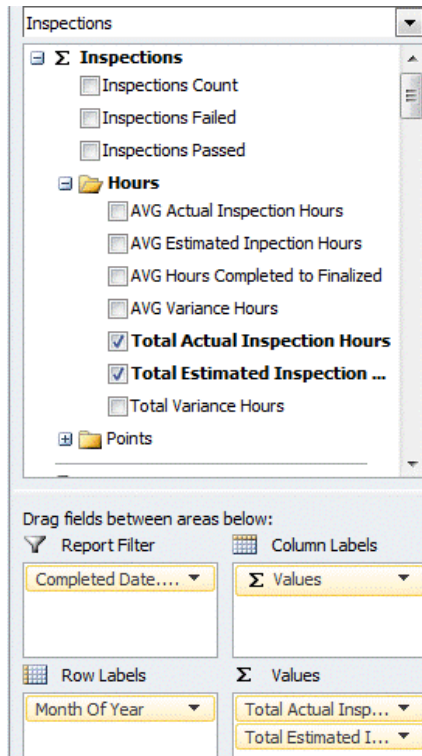
Drag the **Month Of Year** within the **Calendar Date** folder from **Completed Date** to the Row Labels Area to break Actual Hours down by month.



You should see results similar to the following.

	A	B
1	Completed Date.Year	Calendar 2011
2		
3	Row Labels	Total Actual Inspection Hours
4	January	27.00
5	March	0.00
6	April	0.00
7	June	0.00
8	July	0.00
9	August	9.00
10	September	0.00
11	October	0.00
12	November	0.00
13	December	0.00
14	Grand Total	36.00

To compare the actual hours to the estimated hours, check the **Total Estimated Inspection Hours** measure under **Inspection Hours**.



Inspections

- Σ Inspections
 - ☐ Inspections Count
 - ☐ Inspections Failed
 - ☐ Inspections Passed
- Hours
 - ☐ AVG Actual Inspection Hours
 - ☐ AVG Estimated Inspection Hours
 - ☐ AVG Hours Completed to Finalized
 - ☐ AVG Variance Hours
 - ☒ Total Actual Inspection Hours
 - ☒ Total Estimated Inspection ...
 - ☐ Total Variance Hours
- Points

Drag fields between areas below:

Report Filter: Completed Date....

Column Labels: Σ Values

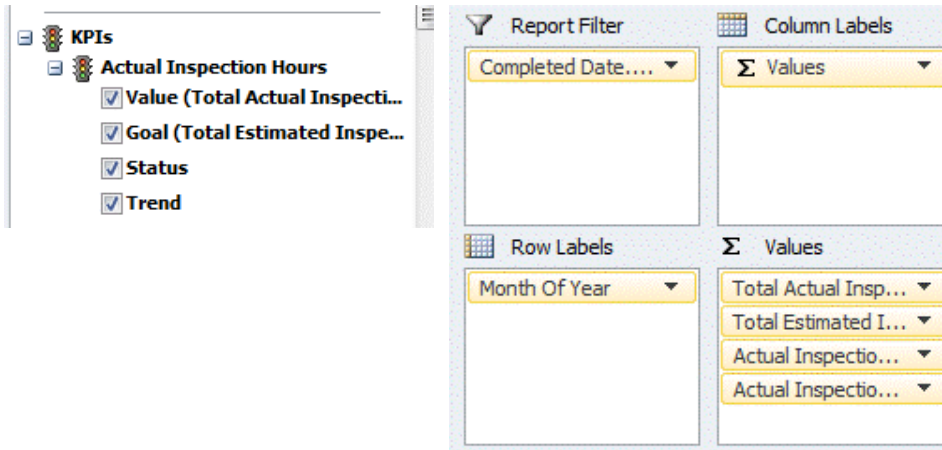
Row Labels: Month Of Year

Values: Total Actual Insp..., Total Estimated I...

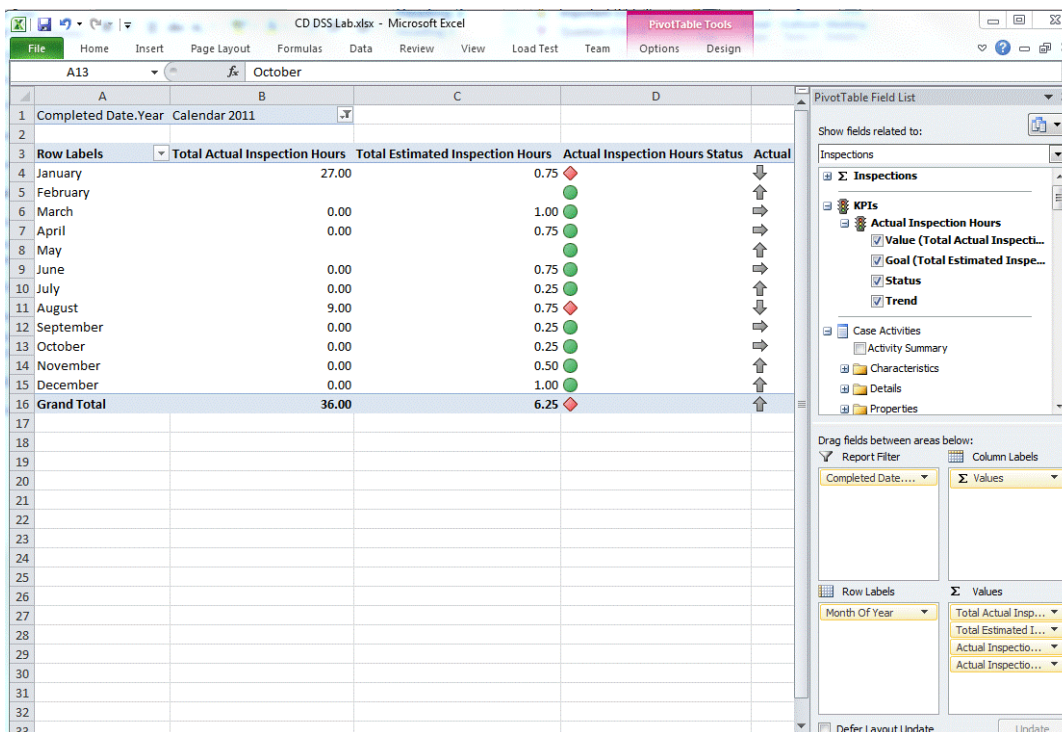
Since Logos allows performance metrics to be tracked for an inspection type, we can have some interesting KPIs around how we are doing. Add the **Status** and **Trend** by checking both of them under the **KPI** measurements.

NOTE:

You may notice Value and Goal are already checked since they are the same measurements as what we selected earlier; Actual and Estimated Hours.



You can now see performance metrics on your inspections broken down by month for the year.



The screenshot shows the Excel PivotTable with the following data:

Row Labels	Total Actual Inspection Hours	Total Estimated Inspection Hours	Actual Inspection Hours	Status	Actual
Completed Date.Year Calendar 2011					
1					
2					
3					
4 January	27.00	0.75			
5 February					
6 March	0.00	1.00			
7 April	0.00	0.75			
8 May					
9 June	0.00	0.75			
10 July	0.00	0.25			
11 August	9.00	0.75			
12 September	0.00	0.25			
13 October	0.00	0.25			
14 November	0.00	0.50			
15 December	0.00	1.00			
16 Grand Total	36.00	6.25			
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Some other things that may be interesting to answer using the Inspections cube:

- How many inspections of each category are we completing per month?
- How many inspection task results were overridden, by whom, and for whom?
- How much time is spent per inspection by type and inspector?
- What tasks do we have on our open inspections?
- How much time is spent per inspection by type and inspector?
- How many and what tasks are failing repeatedly?
- What type of permit inspections does a contractor routinely fail?
- What inspections do we currently have requested and not scheduled?
- How many restaurants have food violations?
- What are the most common violations?
- How many violations of each type do business/consumers typically have?