

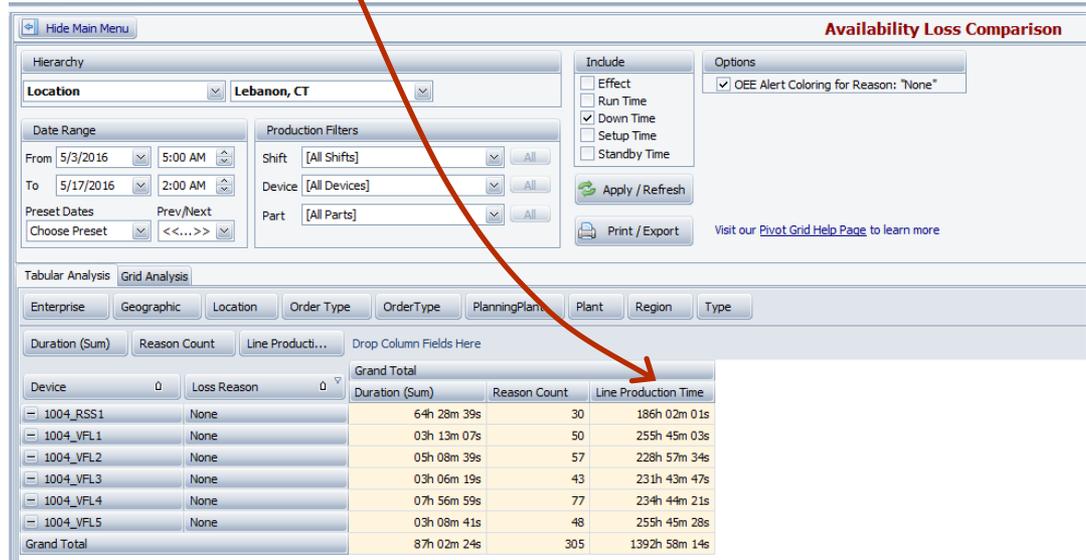
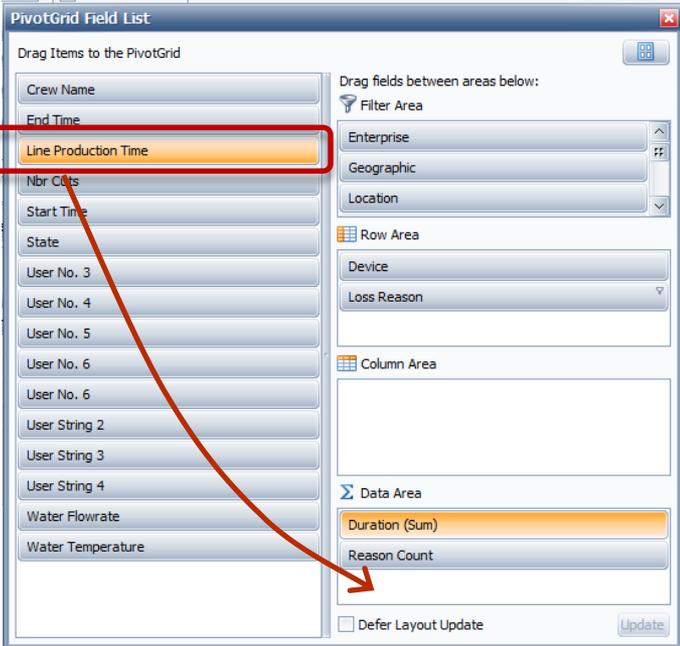
Analyze Loss Percentage to Total Production Time

Let's say we wanted to see the percentage of Loss Reason 'None' to total Production Time by Line. **Total Production Time** includes all Run, Down, Setup and Standby Time.

There is a new data element called 'Line Production Time'.

This data element will display the amount of production time that was available for the line, for the date range selected.

Drag the data element to the **Data Area** of the Field List.



New Custom Expression

Options

Field Description:

Result Type:

- Boolean
- Date and Time
- Date Only
- Decimal
- Integer
- String
- Currency
- Custom Date Interval

Summary Type:

- Count
- Std Dev
- Std Dev P
- Min
- Var
- Var P
- Sum
- Average

The sum of the values.

Append Summary Type to the Field Description

If the Field Description is "Cost" and the Summary Type is "Sum", the field will display as Cost (Sum) if this option is chosen. Otherwise it will simply display as "Cost".

Hide Field

Use Summary Values

Cancel Proceed to Expression Editor >>

Analyze Loss Percentage to Total Production Time

We then filter the screen to display only the 'None' Reasons.

Then we create a custom field to calculate the Percentage of the loss to total production time.

Expression editor

Functions
Operators
Fields
Constants

[Crew Name]
[Device]
[Duration]
[End Time]
[Enterprise]
[Geographic]
[Line Production Time]
[Location]
[Loss Reason]
[Nbr Cuts]
[Order Type]
[OrderType]
[PlanningPlant]

Field Information
Caption: Line Production Time
The type of this field is: System.Int32

OK Cancel

Device	Loss Reason	Duration (Sum)	Reason Count	Line Production Time	PCT To Production
1004_RSS1	None	64h 28m 39s	30	186h 02m 01s	34.66
1004_VFL1	None	03h 13m 07s	50	255h 45m 03s	1.26
1004_VFL2	None	05h 08m 39s	57	228h 57m 34s	2.25
1004_VFL3	None	03h 06m 19s	43	231h 43m 47s	1.34
1004_VFL4	None	07h 56m 59s	77	234h 44m 21s	3.39
1004_VFL5	None	03h 08m 41s	48	255h 45m 28s	1.23
Grand Total		87h 02m 24s	305	1392h 58m 14s	6.25