

Jalapeno How To - Use metrics (KPIs) with value streams



How are Metrics used in conjunction with Value Streams?

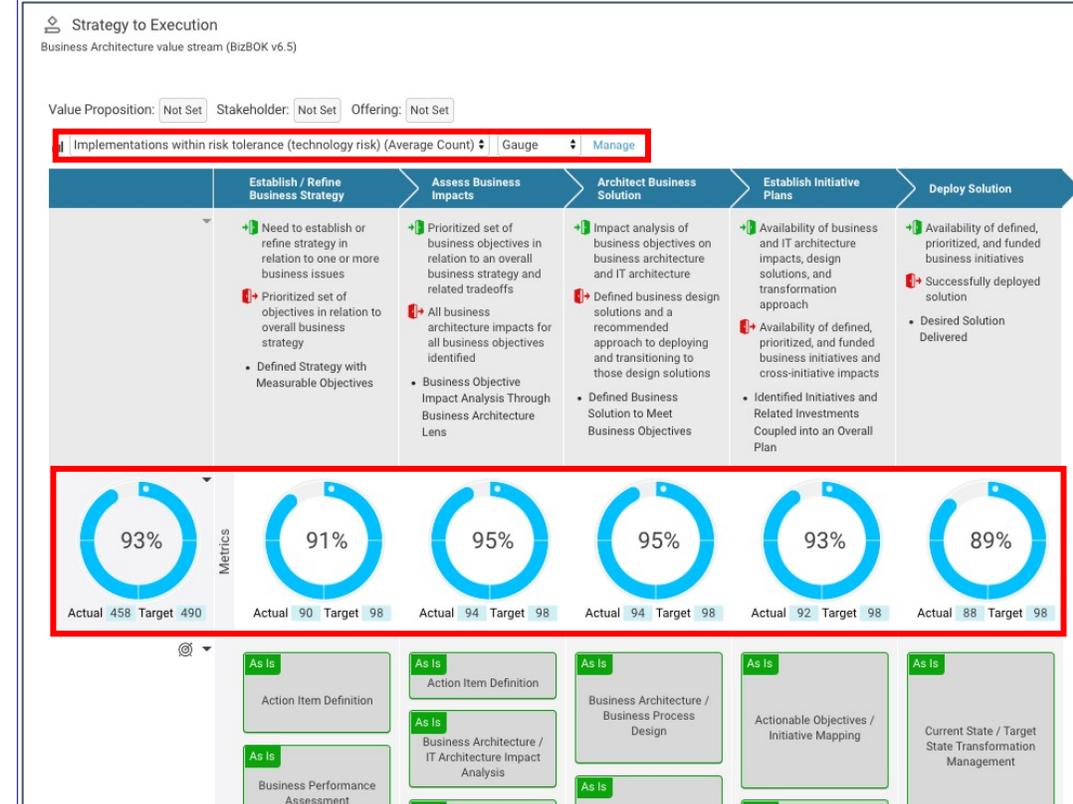
Jalapeno allows you to include metrics in the visualization of a value stream to indicate how well the enterprise is performing at each value stream stage.

The value stream visualization allows one or more metrics to be associated to a value stream. *Target* and *actual* values can be entered per metric, per value stream stage. You can select one of the associated metrics to be displayed on the value stream graphic. The *target* and *actual* values are presented in a chart, aligned under the applicable value stream stages.

To better understand how to create value streams, view this [guide](#).

To better understand how to create metrics, view this [guide](#).

To better understand how to add capabilities contextual to a value stream stage, view this [guide](#).



How do I associate a Metric with a Value Stream?

From the visualization of a selected value stream, you can associate an existing metric by using the **Manage** prompt displayed immediately above the value stream stage chevrons.

A pop-up Metrics dialog shows the currently associated metrics, and any entered values (*actual* and *target*).

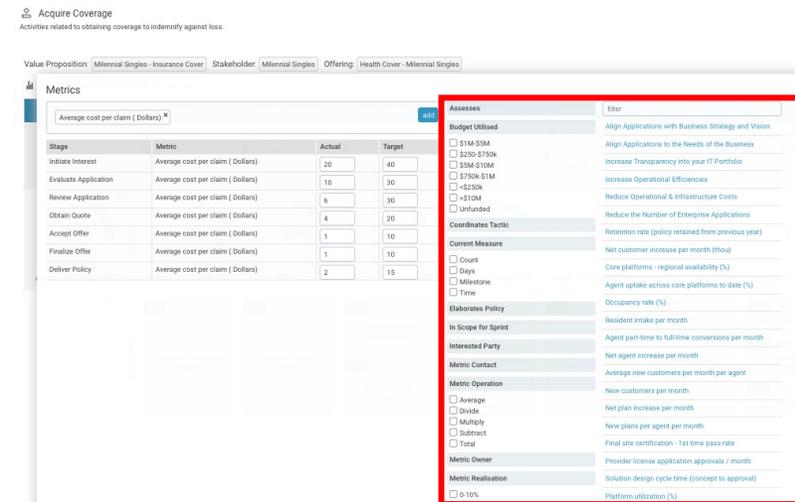
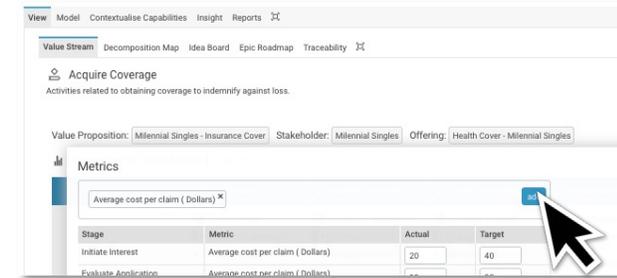
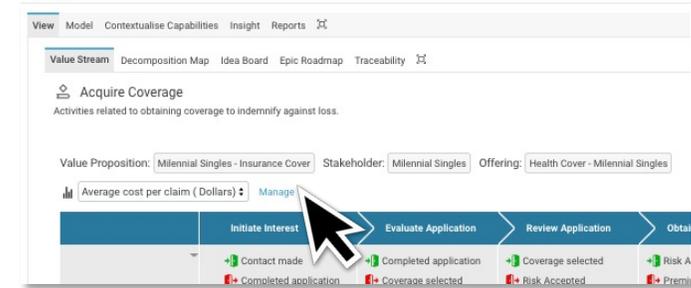
You can associate metrics to the value stream by clicking the **add** button.

On clicking the 'Add' button, a list of filters is displayed to assist with the selection of a metric. The filters are the attributes and relations present for the meta-class METRIC in your model.

Select one or more filter values to display a filtered list of existing metrics.

Un-select the filter value(s) to display the full list of metrics.

Click on a metric label to select the metric.



How do I enter actual and target Metric values against Value Stream Stages?

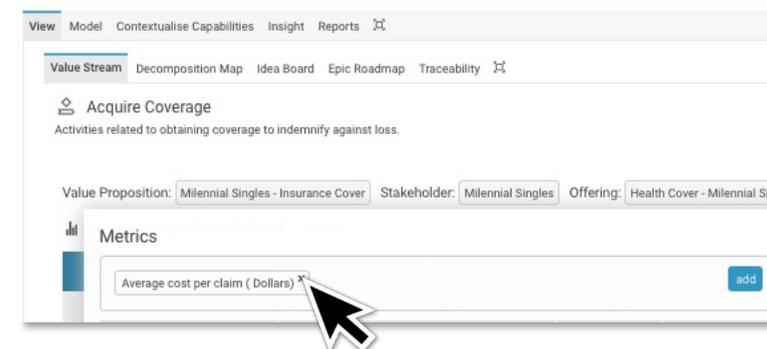
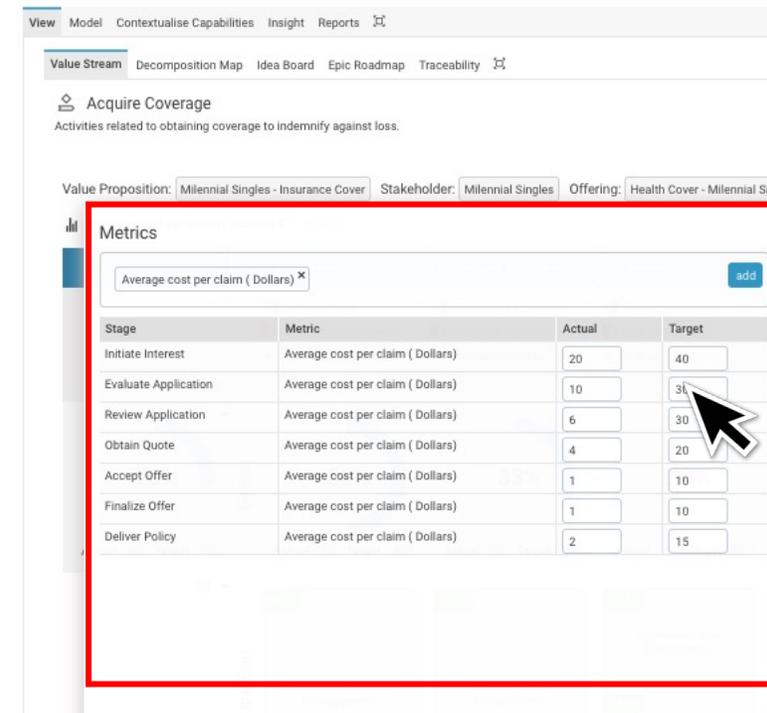
Once a metric is selected for use with the value stream, you are then able to enter *target* and *actual* values against the metric for each of the value stream stages. To do this, click in the applicable cell in the grid shown in the Metrics dialog, and enter the value.

Once values have been entered, click on the  button to save the changes.

How do I remove (dis-associate) a metric from the value stream?

To remove a metric from usage with the value stream, in the Metrics dialog, click on the 'X' symbol shown on the metric item.

At the prompt, click 'OK' to confirm the action.



How do I change the displayed metric?

From the value stream visualization, you can change the displayed metric by using the metric selector located immediately above the value stream stages.

How are Metric values presented on the Value Stream visualization?

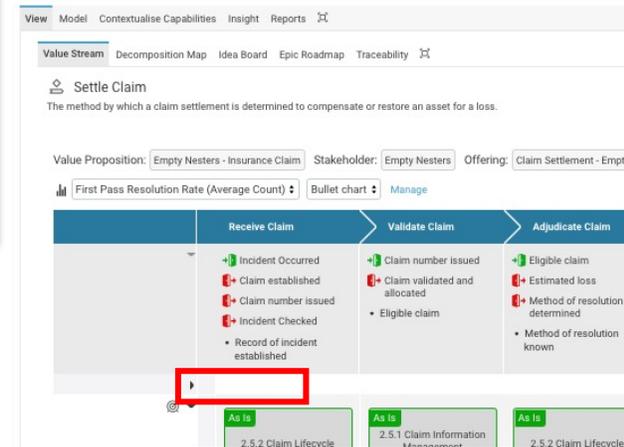
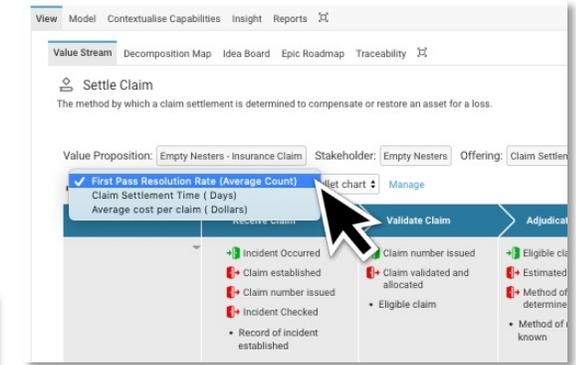
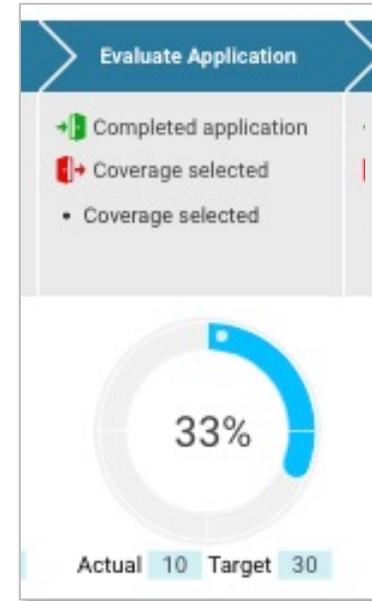
Metric values are presented in gauge-type charts, or in bullet charts – each chart showing *target* and *actual* values for a value stream stage. The gauges show the *actual* value as a percentage of the *target* value.

To learn more about bullet charts, view this [guide](#).

Is it possible to hide, or minimize the charts in the value stream visualization?

You can hide the charts from view by collapsing the swim-lane in which they are located.

Collapse the swim-lane by clicking on the  icon adjacent to the charts.



How do I change the chart type displayed?

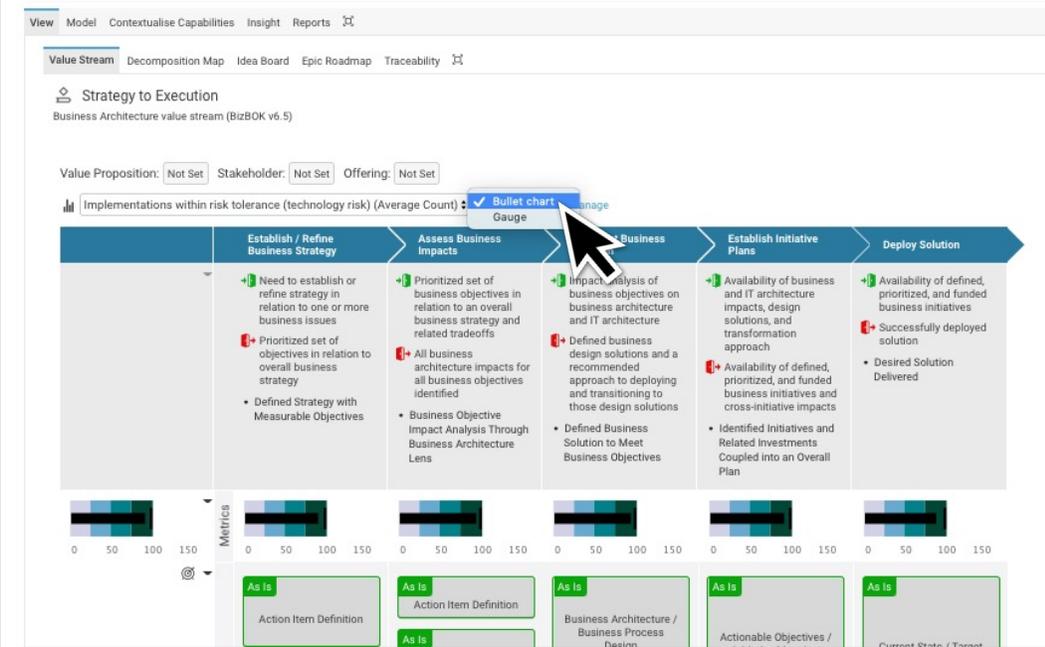
The available chart types for metrics on the value stream are;

- Gauge
- Bullet Chart

Where the selected metric has not been configured for use with bullet charts, the metric will be shown as a gauge.

Where the selected metric has been configured for display as a bullet chart, the default chart type displayed will be the bullet chart. To change the displayed chart type to the gauge, the dropdown selector adjacent to the metric selector can be used.

To better understand how to use the Bullet Chart, view this [guide](#).



Jalapeno How To - Use metrics (KPIs) with value streams

What is the chart to the far left showing?

The chart in the far-left position in the Metrics swimlane shows an aggregation of the target and actual values for the selected metric across all stages of the value stream.

How do I determine how values are aggregated for this chart?

The type of aggregation applied is determined by value specified for the Metric Operation attribute on the metric item which the chart is displaying.

To set the Metric Operation value...

Go to Model Workbench > Strategy > Set KPIs and Metrics

Select the tab 'Model' and sub-tab 'Detail'

In the tree, select the metric item you would like to configure

Under the header 'Main Properties', locate the attribute 'Metric Operation'

Select the value that reflects the aggregation required – e.g. 'Average'

Save the change by clicking on the button 'Save'.

