

# Impact: Events Charts

## Overview

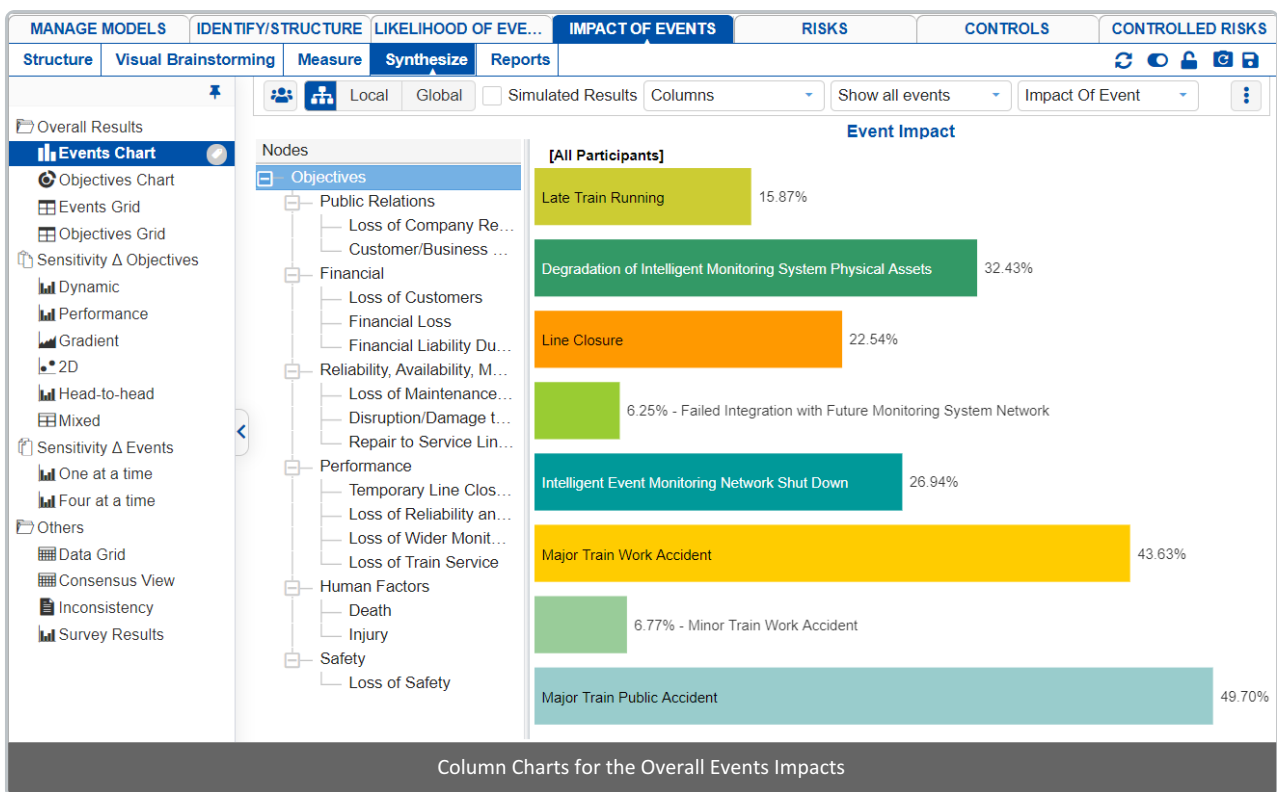
The Impact's Events Chart page displays the same results as in the Impacts Events Grid.

Depending on the Riskion model you are working on, charts can display:

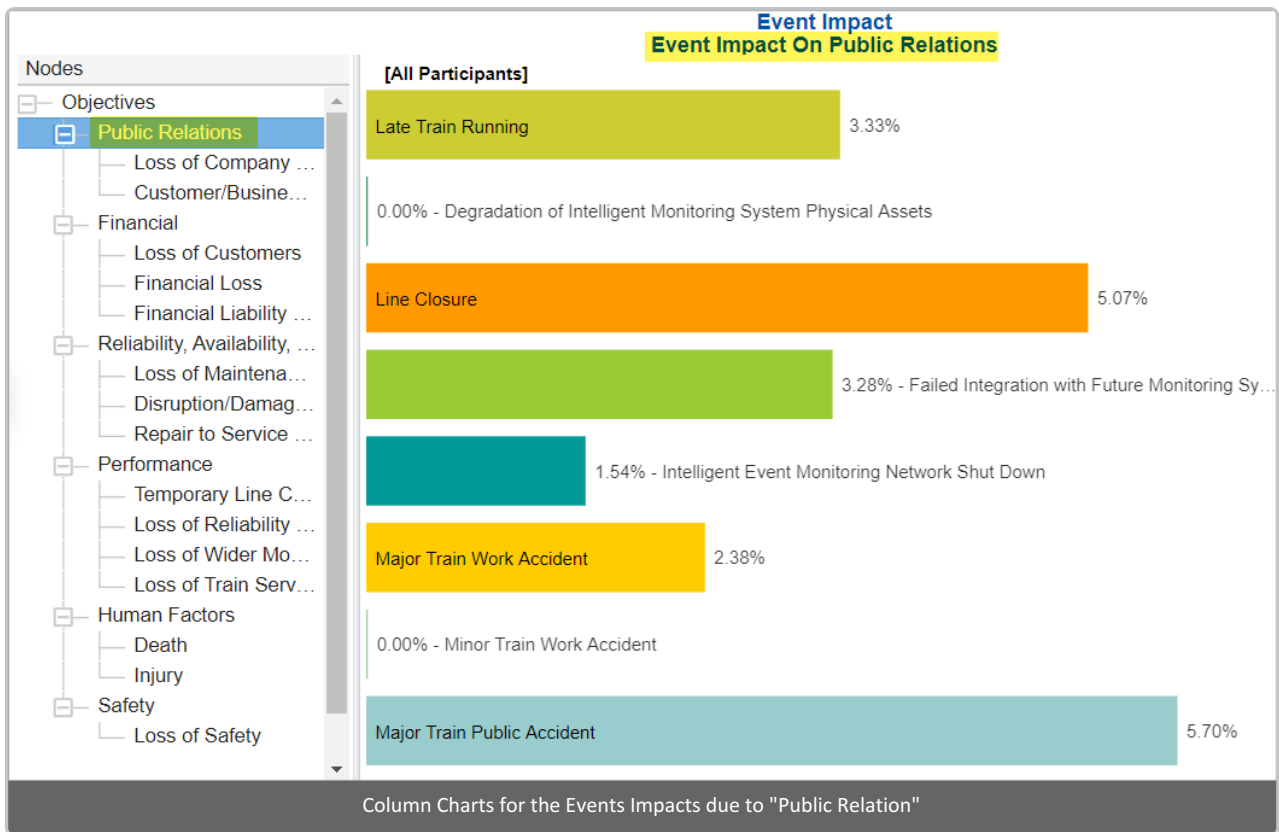
- the impacts or consequence of the events for Risk Events,
- the impacts or causes for Opportunity Events,

By default, the Columns chart is displayed. The column chart below shows the events' impacts due to the overall Objective.

You can view other different chart formats when the Advanced-mode is enabled.



Clicking another objective node on the Objectives hierarchy at the left will show the chart for the events due to that node.



The chart above shows the Events impacts due to "Public Relations".

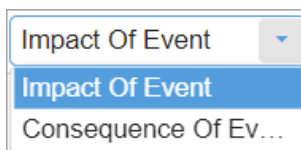
You can show the local and global source's impacts on the Objective Hierarchy at the right using the Local-Global buttons:

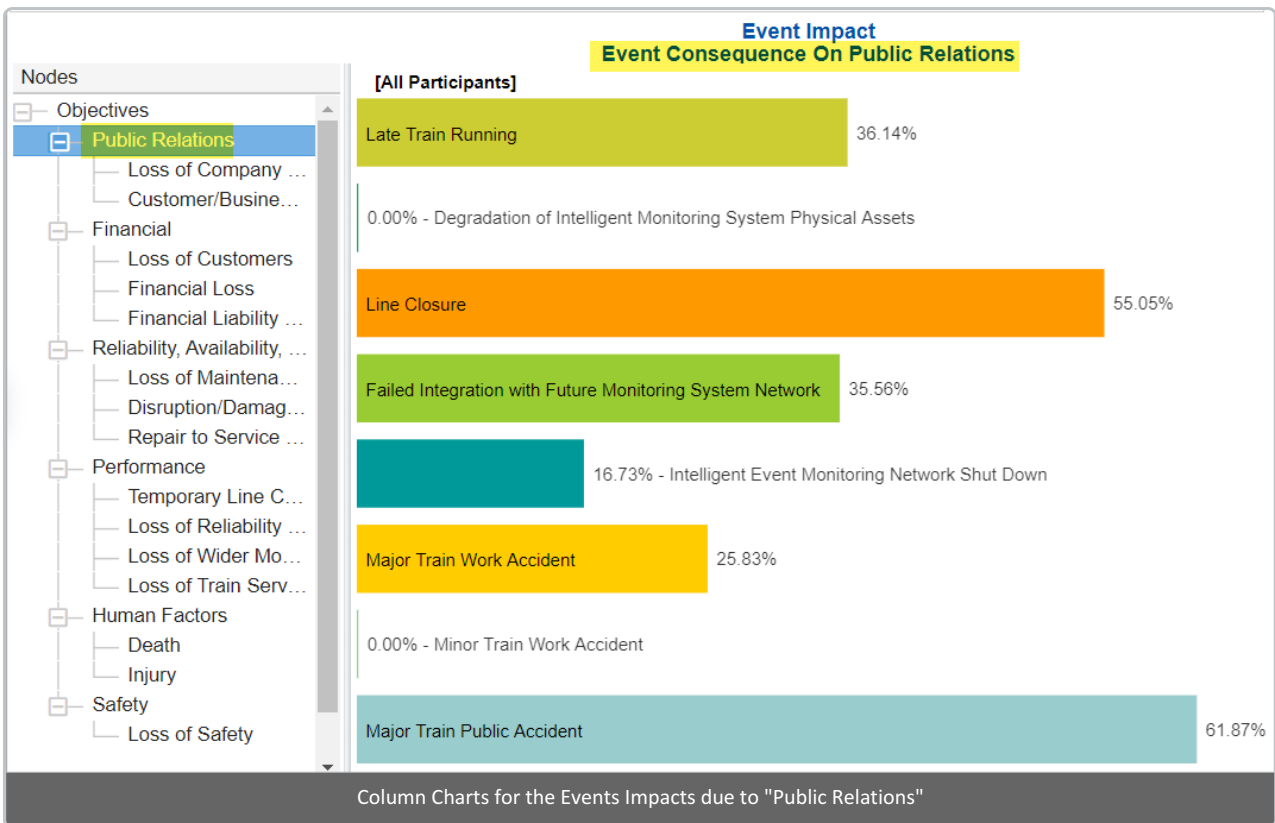
Nodes	[All Participants]	
	Local	Global
[-] Objectives		
[-] Public Relations	9.21%	9.21%
[-] Loss of Company ...	46.46%	4.28%
[-] Customer/Busines...	53.54%	4.93%
[-] Financial	7.22%	7.22%
[-] Loss of Customers	22.71%	1.64%
[-] Financial Loss	21.79%	1.57%
[-] Financial Liability ...	55.5%	4.01%
[-] Reliability, Availability, ...	21.7%	21.7%
[-] Loss of Maintenan...	28.23%	6.13%
[-] Disruption/Damag...	36.65%	7.96%
[-] Repair to Service ...	35.12%	7.62%
[-] Performance	19.41%	19.41%
[-] Temporary Line Cl...	24.91%	4.83%
[-] Loss of Reliability ...	32%	6.21%
[-] Loss of Wider Mon...	23.86%	4.63%
[-] Loss of Train Service	19.23%	3.73%
[-] Human Factors	10.64%	10.64%
[-] Death	86.8%	9.24%
[-] Injury	13.2%	1.4%

You can also hide the Objectives Hierarchy at the left using 

## Show Impact or Consequence

In addition to showing the event impacts, you can select to show the events' consequences due to the selected objective node from the dropdown menu:





You can select one or more participants or groups using the 

If more than one chart is available, pagination is displayed at the bottom of the page:

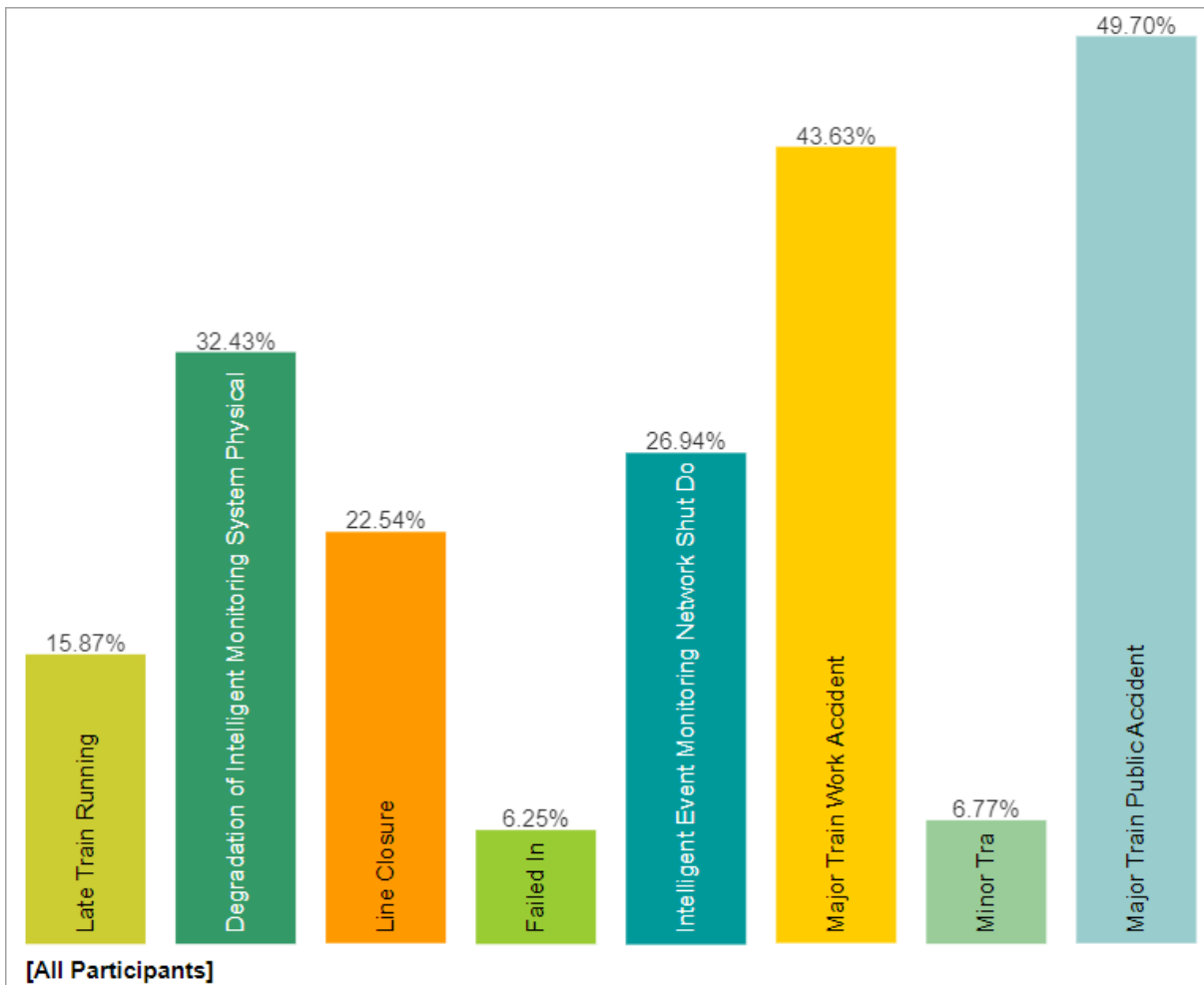


- Charts per page (left) - select how many charts to display per page
- Pagination (right) - paginate or select the page to display


## Non-advanced Mode Chart options (Rotate, Legend, Sort, etc.)



Various options are displayed on the toolbar at the top of the charts. Depending on a chart type, options may only be available only a specific chart type.

- **Rotate** - turn on/off rotate chart by 90 degrees (this is ON by default)




- **Legend** - show or hide the Legend

 Legend

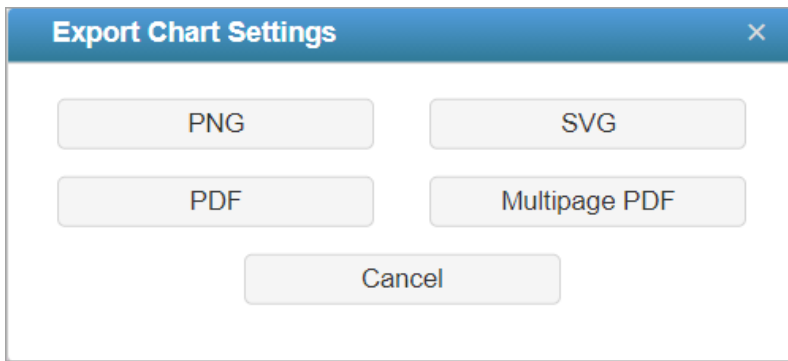
	Late Train Running
	Degradation of Intelligent Monitoring System Physic...
	Line Closure
	Failed Integration with Future Monitoring System Net...
	Intelligent Event Monitoring Network Shut Down
	Major Train Work Accident
	Minor Train Work Accident
	Major Train Public Accident

- **Components** - Show or hide the event components.

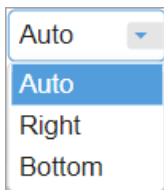
 Components

- **Sort** - sort chart by likelihoods, name, or none (default: none)
- **Export** - export as png, svg, pdf or multiple pdf

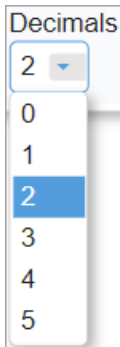
 Export



- **Legend Position** - can be auto, right, or bottom of the chart (default: Auto). Legend position is only enabled when the Legend is displayed.



- **Decimals**



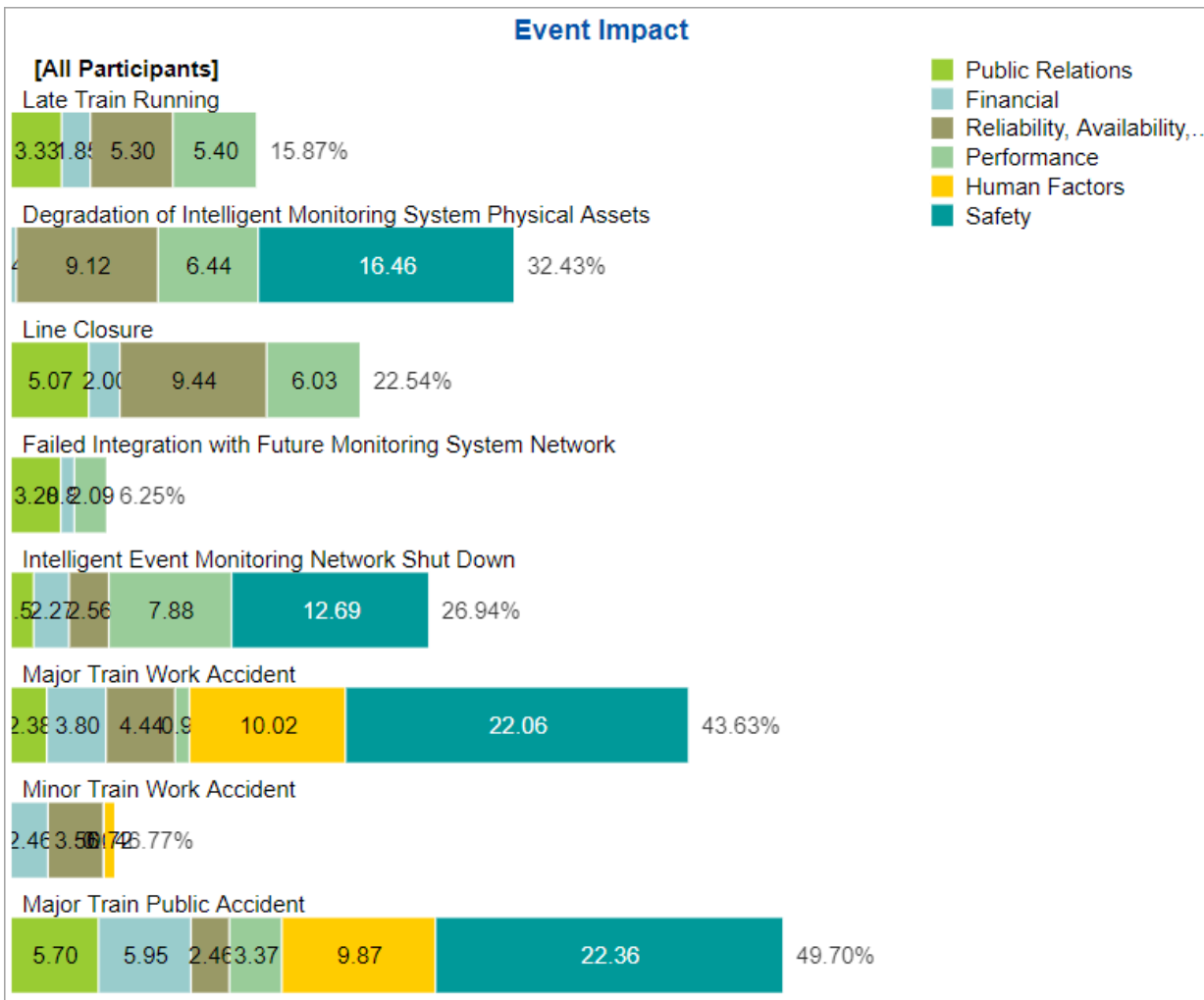
**TIP:** All chart types have the same common options as above for non-advanced mode -- except for Components which is only available for Columns.

**HINT:** For smaller screens, some of the options may be hidden. You may see the hidden options by clicking the ellipses icon at the top right.

## Events Chart with Components

You can show the column charts with components by toggling the  **Components** button.

Events Charts with Components show the impacts of each event divided into sections showing how much of the impact is due to each of the objectives.



Hovering on a specific component will highlight that element for all the event bars, a tooltip will also be displayed to see its details -- ([Participant or Group Name]: %Impact Event Name).

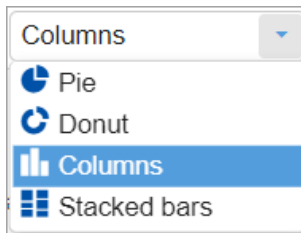
## Advanced Mode Options

When Advanced mode is ON, you will see the advanced options on this page (see highlighted):



## 1. Chart Types

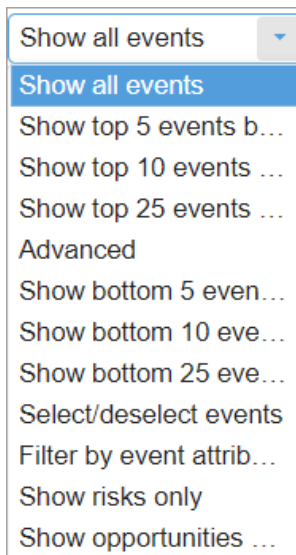
More chart formats are available in the advanced mode.



The Columns chart is selected by default, you can select from other chart types available. The selected chart format on the advanced mode will be remembered when you switched back to the non-advanced mode.

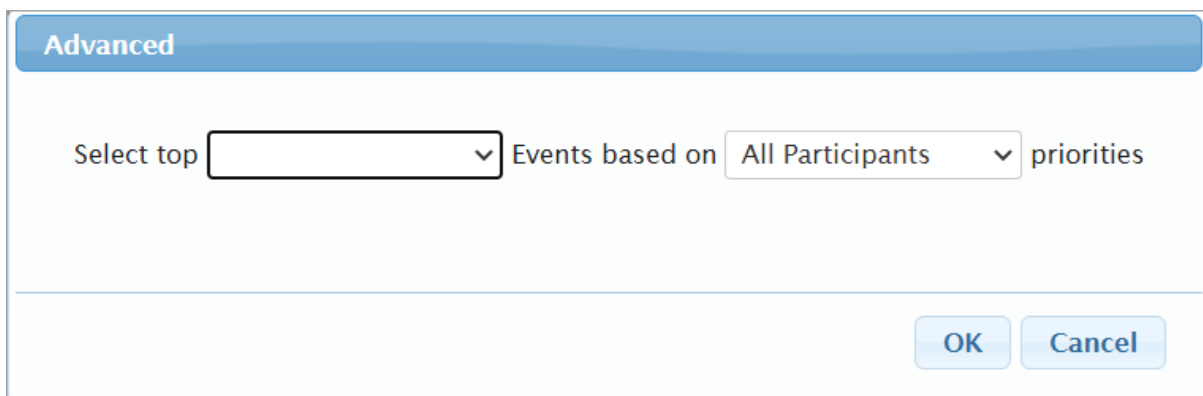
## 2. Filter Events

By default, all events are displayed.



You can select to display the top or bottom 5, 10, or 25 events based on the "All Participants" group likelihoods.

The Advanced filter, allows you to select a specific number for the top N, and base it on another group or participant.



The select /deselection option, allows you to check/uncheck the events.

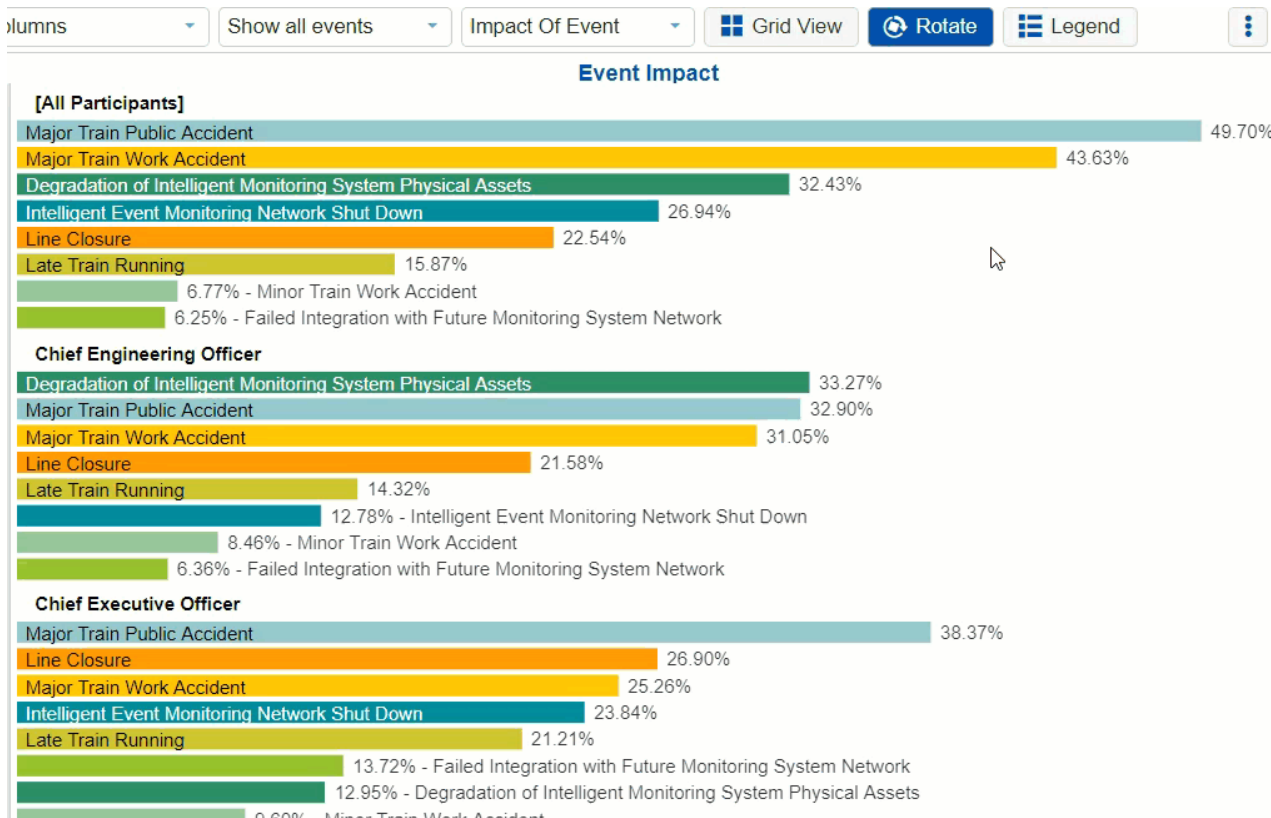
The filter by events attributes, filter the events base on the attributes specified on the Events page.



The show risks only / Show opportunities only are applicable for the Mixed model where events can be Risk or Opportunity.

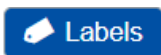
### 3. Grid View (Multiple Rows or Single Row)

This option is available for all chart types except for Stack when more than one participant/group is displayed. This allows you to display the charts in grid view (**multiple rows**) when ON, or a **single row** when OFF.



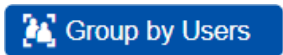
### 4. Labels

Show or hide chart labels or the threat/source names on the chart. This will only show the % priority on the chart. You can then show the legend instead.



### 5. Group by Users

Available for Columns chart when multiple users/groups are selected. By default, this is option is ON, so the chart is grouped by Users. When this is OFF, the chart will be group by elements or nodes.



### 6. Combined Input Option (CIS)

If the Combined Input Option (CIS) is on (see below) then results for individuals are computed by combining the priorities derived from judgments/ratings for which they had roles, with the combined results for any parts of the model where they did not have a role.



### 7. Apply User Priorities

If priorities (weights) have been specified for participants, you can use the "User Priorities" check box will enable you to apply or ignore these priorities in generating the results.




 User priorities

### 8. Include Ideal Event


Include the Ideal Event on the Chart Results

### 9. Font Size

Decrease or increase the font size, or reset

 Decrease font size  
 Increase size  
 Reset font

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 icon at the top right.

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