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:

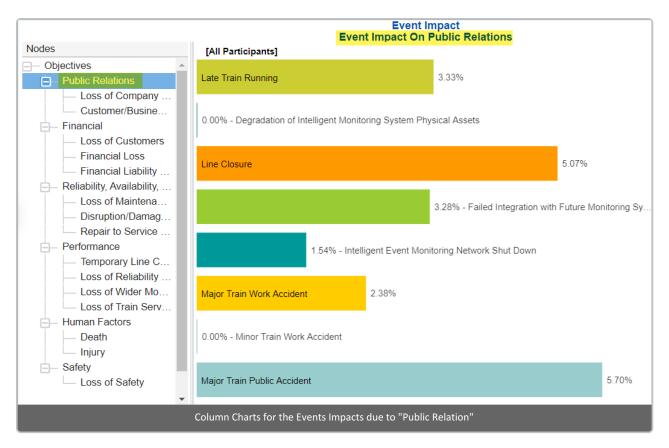
- the impacts or consequence of the events for Risk Events,
- the impacts or causes for Opportunity Events,

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:

😕 🚠 Local Global	Simulated	Results
Nodes	[All Parti	cipants]
110005	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%
L 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:



Event Impact Event Consequence On Public Relations							
Nodes	[All Participants]						
Objectives Public Relations	Late Train Running 36.14%						
Loss of Company Customer/Busine Financial Loss of Customers	0.00% - Degradation of Intelligent Monitoring System Physical Assets						
— Financial Loss — Financial Liability	Line Closure	55.05%					
 Reliability, Availability, Loss of Maintena Disruption/Damag Repair to Service 	Failed Integration with Future Monitoring System Network 35.56%						
Performance Temporary Line C	16.73% - Intelligent Event Monitoring Network Shut Dow	'n					
 Loss of Reliability Loss of Wider Mo Loss of Train Serv 	Major Train Work Accident 25.83%						
 Human Factors Death Injury 	0.00% - Minor Train Work Accident						
 Safety Loss of Safety 	Major Train Public Accident		61.87%				
	Column Charts for the Events Impacts due to "Public Relations"						

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:

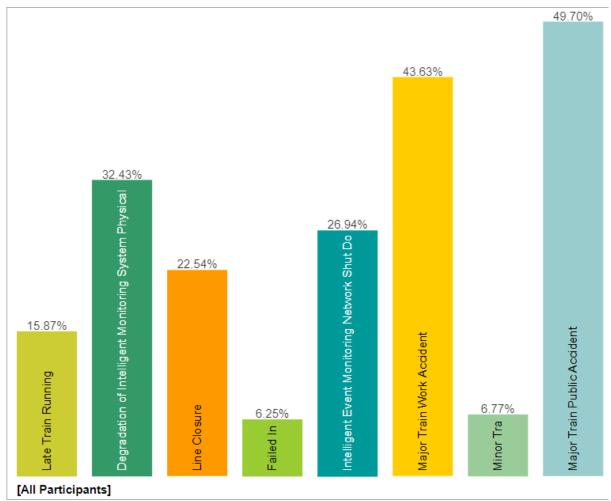


- Charts per page (left) select how many charts to display per page
- Pagination (right) paginate or select the page to display

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 Chart Settings	×
PNG	SVG
PDF	Multipage PDF
Canc	el

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

Auto	•
Auto	
Right	
Bottom	

• Decimals

De	cimals
2	-
0	
1	
2	
3	
4	
5	

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.

			Event Impact				
[All Participant Late Train Runni	 Public Relations Financial Reliability, Availability, 						
<mark>3.33</mark> 1.85.30	Performance Human Factors						
Degradation of Ir	telligent Monito	ring System Ph	ysical Assets		Safety		
4 9.12 6	.44	16.46	32.43%				
Line Closure							
5.07 2.00 9.4	14 6.03	22.54%					
Failed Integration	n with Future Mo	onitoring Syster	n Network				
Intelligent Event	Monitoring Netv	vork Shut Down	1				
. <mark>52.272.56</mark> 7.88	12.69	26.94%	6				
Major Train Work	Accident						
2.38 3.80 4.440.9	10.02	22	06	43.63%			
Minor Train Work	Accident						
2.46 3.500 (7426.77%)							
Major Train Public Accident							
5.70 5.95 2	463.37 <mark>9</mark> .	87	22.36		49.70%		

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):

😕 🚠 Local Global 🗌 Simulated Results	Columns -	Show all events 🔹 👻	Consequence Of 🝷	Grid View	Rotate
() (2			3	Legend
					Components
				4	🧀 Labels
				5	🔀 Group by Users
				<u> </u>	Sort None -
				6 •	CIS
					User priorities
				8 🔊	A Decrease font size
				9 🔺	A Increase size
					Export
					Legend position
					Auto -
					Decimals
					2 -

1. Chart Types

More chart formats are available in the advanced mode.

Columns	•
🕒 Pie	
C Donut	
Columns	
Stacked bars	

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.

Show all events
Show all events
Show top 5 events b
Show top 10 events
Show top 25 events
Advanced
Show bottom 5 even
Show bottom 10 eve
Show bottom 25 eve
Select/deselect events
Filter by event attrib
Show risks only
Show opportunities

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.

Advanced				
Select top	~	Events based on	All Participants 🗸	priorities
			ОК	Cancel

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.

lumns	•	Show all events -	Impact Of Event	•	Grid View	📀 Rotate	E Lege	end
			Event	Impa	ct			
[All Participant:	s]							
Major Train Public	c Acc	ident						49.70%
Major Train Work	Acci	dent					43.	.63%
		ent Monitoring System Physi	cal Assets		32.43%	2		
	Monit	oring Network Shut Down		26.9	94%			
Line Closure			22.54%					
Late Train Runnin	-	15.87					2	
		7% - Minor Train Work Accio						
	6.25	% - Failed Integration with F	uture Monitoring System	Netw	ork			
Chief Engineeri	ing C	fficer						
Degradation of In	tellige	ent Monitoring System Physi	cal Assets		33.27	7%		
Major Train Public	c Acc	ident			32.90	%		
Major Train Work	Acci	dent			31.05%			
Line Closure			21.58%					
Late Train Runnin	ng	14.32%						
			ligent Event Monitoring I	Vetwo	rk Shut Down			
_	0.00	8.46% - Minor Train Work						
	6.36	% - Failed Integration with F	uture Monitoring System	1 Netw	ork			
Chief Executive	e Offi	cer						
Major Train Public	c Acc	ident				38.379	%	
Line Closure				26.9	90%			
Major Train Work				.26%				
		oring Network Shut Down	23.849	6				
Late Train Runnin	ıg		21.21%					
			ailed Integration with Fu					
		12.95% - Deg	radation of Intelligent M	onitorii	ng System Physical	Assets		
		D 6007 Maser Train We	and A condent					

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.

Group by Users

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

A Decrease font sizeA Increase sizeC Reset font

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icon at the top right.