Typical costs of LC accidents

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The questionaire

Task: Could you please provide typical monetary figures for costs of typical accidents at level crossings?

Ideally, please use the table(s) below for your input. If not possible to fill in using the proposed format, please use the costs items you use.

	Effect	Impact	Cost Component	Costs	
	Primarily	Direct	Property Damage (1)		
			Other direct costs		
		Indirect	Work-related productivity loss		
			Tax loss		
		Intangible	Quality of life		
			Pain and suffering		
	Secondary	Supply chain disruption	Rerouting and increased		
			emissions		
			Freight and passenger delays		
///			and reliability		
$/\!\!/\!\!/$			Increased inventory and its		
			spoilage		
			Prevention		
$\langle \rangle \rangle$			Lost sales		
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The questionaire

Effect	Cost Component	Costs
(1) Property damage	Rail infrastructure Road infrastructure Rail rolling stock Road vehicles	

Further comments/suggestions:

Received two answers, one from the railway in a founding EU country and one from the new member country

Significant differencies in the way what data is captured

Differencies

- Property damage 1
- Other direct costs 1
- Work-related productivity loss 0
- Tax loss 0
- Quality of life 1
- Pain and suffering 1
- Rerouting/increased emmissions 1
- Delays 2 (1 mins, 1 costs (Euro)

Differencies

- Increased inventory 0
- Prevention 0
- Lost sales 0
- Rail infrastructure 2
- Road infrastructure (1 no costs)
- Rail rolling stock 1
- ▶ Road vehicle 0
- Confidential data 1

Comments received

- Full information about the costs calculated inly when the infrastructure manager is the guilty party (less 2 % of accidents)
- Typical accident on unguarded LC
- Proposal to introduce types of accidents
- Need to define intangible costs