

## References

### 6.19.2 Transportation infrastructures and lifelines

**Project Name:** PHUSICOS (Grant Agreement no. 776681)

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Transportation Infrastructures and Lifelines		Natural and Climate Hazards
<b>Description and justification</b>	Indicators of Potential Infrastructures Vulnerable to Risks sub-criterion will assess the potential infrastructures and buildings vulnerable to risks.	
<b>Definition</b>	Vulnerability of transportation infrastructures like roads and railways, and vulnerability of lifelines (water distribution systems, sewerage, pipelines, energy lifelines,...).	
<b>Strengths and weaknesses</b>		
<b>Measurement procedure and tool</b>	Estimation from statistical data.	
<b>Scale of measurement</b>	m/km <sup>2</sup>	
<b>Data source</b>		
<b>Required data</b>	Model/Statistical Data/GIS	
<b>Data input type</b>	Quantitative	
<b>Data collection frequency</b>		
<b>Level of expertise required</b>	High	
<b>Synergies with other indicators</b>		
<b>Connection with SDGs</b>	9	

<b>Opportunities for participatory data collection</b>	
<b>Additional information</b>	
<b>References</b>	

## 6.20 Insurance against catastrophic events

**Project Name:** UNaLab (Grant Agreement no. 730052)

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Catastrophe insurance	Natural and Climate Hazards
<b>Description and justification</b>	Catastrophes originating from natural and/or climate hazards are low-probability high-impact and high-cost events, and they are usually not included in the general insurance policies. Catastrophe insurances are widely used to enhance the resilience of businesses, individuals and public amenities from external pressures and aid them in restoring any financial losses.
<b>Definition</b>	Share of population holding insurance against catastrophic consequences of natural and climate hazards (%)
<b>Strengths and weaknesses</b>	+ Simple assessment that indicates the disaster preparedness - Requires access to policy holder databases
<b>Measurement procedure and tool</b>	The indicator is assessed as: $\frac{\text{Population holding catastrophe insurance policies}}{\text{Total population}} \times 100\%$
<b>Scale of measurement</b>	Municipality; country
<b>Data source</b>	
<b>Required data</b>	National records on proportion of population holding insurance policies against catastrophic events
<b>Data input type</b>	Quantitative
<b>Data collection frequency</b>	Annually