

Epidemic Risk Analysis of the Regions

ANALYSIS OF AN UNMANAGEABLE EPIDEMIC RISK BEYOND CONTROL

21 indicators → 16 non-optional indicators (compiled)

QUALITY CHECK OF THE FIGURES (4 INDICATORS)

PROBABILITY OF DIFFUSION

- **Increase in number of cases compared to previous week** (2 indicators from two MdS-DG PREV and ISS flows)
 - **Rt >1 at the date when symptoms began** (1 indicator)
 - **Increase in outbreaks compared to previous week** (1 indicator weekly flow with Regions/PA):
 - analysis of the size of outbreaks
 - assessment of the quality of contact tracing. Number of new cases not associated with known transmission chains (1 indicator)
 - **Self-assessment criterion**
- 5 indicators of which four main (at least 2 signals)**

IMPACT

- **Criterion 1 – Increase in no of cases in individuals >50 yrs**
 - **% of bed occupancy in medical wards** (1 indicator - MdS-DG PROG)
 - **% bed occupancy in intensive care** (1 indicator - MdS-DG PROG)
 - **Qualitative criterion:** outbreaks among vulnerable populations (Data provided by Regions/PA and epidemic intelligence)
- 2 indicators + 2 criteria**

RESILIENCE OF COMMUNITIES

- **Increase in % of positive swabs** and monitoring % of cases diagnosed in hospitals and other contexts (1 indicator)
 - **Short interval between onset of symptoms and diagnosis** (1 indicator)
 - **Sufficient number of human resources** (2 indicators assessed together)
 - **Capacity to do full epidemiology tests for all new cases tracing close contacts** (1 indicator)
 - **Additional criterion** Any additional criticalities reported by the Regions are analysed and considered in a precautionary manner
- 4 indicators + 1 additional criterion (at least 2 signs)**

EVALUATION

