Using official data in response to the COVID-19 crisis

Statistics Portugal experience
Main challenges for statistical production

COVID-19

All staff has been working from home since mid-March

Limitations and difficulties in data collection - household surveys

Increase demand for new relevant data to monitor the effects of the pandemic

Greater tension between data relevance, data quality and data timeliness

Fit for purpose approach

1. New surveys and products
2. Broaden the scope of ‘preliminary data’
3. Increase spatial granularity of data
4. Explore alternative data sources
5. Partnership with Academia and other agencies
COVID-19 Initiatives

New dedicated section on the website + weekly press release highlighting the most relevant results to monitor the social and economic impact of COVID-19

Fast and Exceptional Enterprise Survey (IREE) - weekly
In cooperation with Bank of Portugal with the aim of identifying the effects of the pandemic on business activity

Setorial synthesis of IREE results for enterprises – every 2 weeks
Provides results for enterprises to compare their situation within their sector and with overall universe of enterprises

New products with a focus on territorial breakdown

Press release on demographic context and socio-economic impact – every 2 weeks
Compiles data on deaths, on COVID-19 cases from DG Health and socio-economic impact indicators with a territorial perspective

Dashboard | Context and Impact updated daily
Context indicators and additional fit for purpose indicators to monitor the impact of the disease at the municipal level
COVID-19 from a territorial perspective

Press release on

Demographic context and socioeconomic impact indicators

Territorial based indicators – location coefficients of COVID-19 confirmed cases and new cases
Mobility data from Facebook’s ‘Data for Good’ Initiative

Sundays

Mondays

Source: Facebook’s “Data for Good” Initiative. Data provided by Carnegie Mellon University.
<table>
<thead>
<tr>
<th>Indicator</th>
<th>LISBOA</th>
<th>PORTUGAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Confirmed Cases (No.)</td>
<td>2979</td>
<td>38089</td>
</tr>
<tr>
<td>Deaths in the last 4 weeks</td>
<td>0.89</td>
<td>1.1</td>
</tr>
<tr>
<td>per deaths in the same reference</td>
<td>period (No.)</td>
<td></td>
</tr>
<tr>
<td>period (No.)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Resident population with</td>
<td>15.2</td>
<td></td>
</tr>
<tr>
<td>75 + years (%)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Population Density (N.°/km²)</td>
<td>5092.4</td>
<td></td>
</tr>
<tr>
<td>Deaths by COVID-19 (No.)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Confirmed cases by 10,000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>inh. (No.)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Deaths by COVID-19 per 1000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>deaths in the last 4 weeks (No.)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dados atualizados até:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>18-06-2020</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Confirmed Cases (No.)
2,979

Resident population with 75 + years (%)
15.2

Deaths in the last 4 weeks per deaths in the same reference period (No.)
0.89

Population Density (N.º/ km²)
5,092.4

Confirmed cases by 10,000 inhab. (No.)

Datos actualizados até: 18-06-2020

Casos Confirmados por 10 mil hab. Contínua
Thank you for your attention

francisco.vala@ine.pt