

Some activities related to the statistical production in Italy during the COVID pandemic

As regards the Istat (the Italian National Institute of Statistics) activity, task forces have been put up to reorganize the production process in order to guarantee timeliness and quality at a maximum extent. Ad hoc elaborations on transport data were provided by Istat to the government and to other authorities such as The Bank of Italy, to evaluate the impact of the pandemic, but only for internal use (not published).

A COVID section on Istat website <https://www.istat.it/en/archivio/240106> displays all the initiatives launched during the pandemic. Some important activities are related to epidemiologic statistics, in highlights:

- Short-term reports on the impact of the covid-19 epidemic on the total mortality
- A Serological survey was launched in partnership with the Ministry of Health, to map the spread of the SARS-COV2 virus over the resident population, to detect in particular the symptomless diseased. The survey is still running.

In the website section, many analysis related to the impact on economy and society were reported. As regards data related to transport and mobility, two infographics were published, related to the impact of COVID on tourism and on the aviation sector. The latter is not based on European regulation on aviation data, but on Assaeroporti (Association of Italian airports <https://assaeroporti.com/who-we-are/>) data. Therefore, it is not an official statistic in a strict sense, but it's a kind of experimental statistic in the definition agreed upon during the ITF meeting.

Isfort (a private institute that is part of the Italian Statistical System SISTAN) conducts regularly a passenger mobility survey; detailed reports related to the impact of the pandemic on mobility patterns have been published regularly since the beginning of the lockdown <https://www.isfort.it/progetti/limpatto-del-lockdown-sui-comportamenti-di-mobilita-degli-italiani/>

As regards data production by the private sector, an interesting project was implemented by Enel (one of the leaders among the Italian energy providers) in partnership with Here Technologies to support the government. The project (<https://corporate.enel.it/en/media/press/d/2020/04/enel-x-and-here-technologies-launch-city-analytics--mobility-map-to-support-government-agencies-and-the-civil-protection-department-in-response-to-the-covid-19-emergency>) provides maps and indicators at municipality level on passenger mobility during the lockdown, to monitor the containment measures. The indicators are calculated using many different data sources collected by smart devices (smart vehicles, apps for smartphone, smart lampposts etc), they are not based on Google data.

Giovanna Astori

Executive Officer

Istat

Division for environmental and territorial networks Directorate for environmental and territorial statistics

Tel +39 06.4673.7287

e-mail: astori@istat.it