Official Statistics to monitor the COVID-19 Crisis

MANAGING HEALTH AND CLIMATE-CHANGE-RELATED HAZARDS WITH OFFICIAL STATISTICS
What can NSOs do in the COVID-19 Crisis

What do we do at STAT?

Weekly, monthly and quarterly statistics concerning COVID-19 related themes - Homepage:
Data on the economic and social impact of the corona pandemic

COVID-19 prevalence study in April, May and November

New: Austrian Recovery Barometer

What don't we do?

COVID-19 Monitoring of cases and deaths (done by AGES – Österreichische Agentur für Gesundheit und Ernährungssicherheit)
Make existing official statistics usable

**Speed up the production process** for weekly, monthly and quarterly statistics

- **Weekly** deaths are supplied within ~2 weeks after the event by age, sex and Federal States
- **Monthly** data on tourism, labour marked data...
- **Quarterly** data on GDP, turnover, public finance...

+ Take a look at **COVID-19 in annual studies and products** e.g. SDGs indicator report, household budget survey....
Collect new Statistics

COVID-19 prevalence study in April, May and November

→ 3 rounds of surveys to find the number of people infected in Austria (including those without symptoms)

→ Find out, how people are feeling/working/etc. during the crisis?

In Austria

4,7% were infected (had antibodies) by the end of October

and

about 3 out of 5 infected persons were not (yet) detected by the authorities
Further findings
COVID-19 prevalence study

Findings on the social level

In October 2020 11% of the population were afraid of getting COVID-19 (April: 7%)

Well-being declined with the duration of the pandemic (April 64% feeling well, October 58%)

Younger people suffer the most from family conflicts: 12% of 16-24 year olds fear future family conflicts versus 5% in total
Cooperation for COVID-19 prevalence study

Close cooperation with other institutions and ministries:

Research Team of Statistic Austria and Austrian Red Cross, Medical University of Vienna, Ministry of Social Affairs, Health, Care, Ministry of Education, Science, Research
Develop new forms of presentation

New: Austrian Recovery Barometer (at the moment for business figures like GDP, Employment or Flight transport)

Yet to come:

....
health data
...

Austrian Recovery Barometer
BIP real

Vergleich Q1 2019 mit Q1 2021

91,5%
100%
150%
50%
0%

Austrian Recovery Barometer
Passagieraufkommen

Vergleich 04/2019 mit 04/2021

9,0%
100%
150%
50%
0%

Austrian Recovery Barometer
Frachtlaufkommen

Vergleich Q1 2019 mit Q1 2021

94,8%
100%
150%
50%
0%
Lessons Learned

Reliable information, as provided by official statistics, is particularly important in a crisis situation.

But short term data are necessary – we needed to learn about speeding up the processes.

It is important to look at the strengths of the institutions in a crisis – what can we do as NSO – and what not?

Accordingly, good cooperation is essential – inside and outside the Statistical Office.
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