# Statistical data collection in lockdown situation

UNECE United Nations Economic Commission for Europe

Data Collection and the impact, challenges and opportunities of the COVID-19 pandemic

Vesa Virtanen, Head of Development, Data Resources, Statistics Finland



## Special corona statistical webpage

- What do statistics say about the effects of corona?
- Background information based on statistics from previous years
  phenomena touched by the coronavirus.
- Statistics on the corona situation sources of statistical information (Corona situation tweets, Infections in Finland and the world, hospital district reports and information, WHO situation reports, European Centre for Disease Prevention and Control follow-up, etc.)
- Statistics Finland's experts media list: corona situation impacts
- <a href="http://www.stat.fi/ajk/koronavirus/koronavirus-ajankohtaista-tilastotietoa\_en.html">http://www.stat.fi/ajk/koronavirus/koronavirus-ajankohtaista-tilastotietoa\_en.html</a>



#### **Economic situation room**

- New ways of statistical notifications/releases.
- Cooperation between Helsinki GSE and Statistics Finland. In the unexpectedly changed situation, information was needed fast as the basis for decision-making.
- When the exceptional conditions started, Helsinki GSE (Graduate School of Economics) unit set up a researcher group for an economic situation <u>room</u> that would provide up-to-date information to support decision-making on economic policy for ministries and other public authorities during the coronavirus crisis.
- Several experts from Statistics Finland's research services participate in the work of Helsinki GSE.
- The cooperation has also affected Statistics Finland's own data production. The data obtained with the studies of the researcher group have made it possible to publish some statistics with an accelerated schedule in exceptional circumstances.
- New experimental statistics coming.



#### Corona situation report

- In the Corona situation report Statistics Finland collects recent statistical data describing the corona situation and the release times of statistics to be released.
- In addition to accelerated statistics, Statistics Finland also publishes other statistics and articles describing the exceptional situation, and information on these is gathered into the situation report.
- Statistics Finland collects statistics describing the corona situation on the corona pages of Statistics Finland's web pages.
- The GSE situation room reports can be found on the Helsinki GSE website.
- For the time being, the <u>Library of Statistics</u> has been closed to visitors.



### Changes in data collection contents

- Some changes in the contents of data collections
- Corona questions at the end of the Consumer Confidence Survey.
- Citizen's Pulse web survey from the Prime Minister's Office. Attached to the Labour Force Survey (contact information from LFS) – every second week: citizens' opinions on the actions of the authorities, the respondent's own mood, confidence in the future, following of corona instructions, helping others and how well they feel they have received information.
- Some corona questions in the data collection of accommodation statistics.
- Inflation expectations of households and effects of corona on households' economic situation (commissioned research, Bank of Finland).
- Discount in employer employment pension payment during the epidemic all employers did not notice this in data collection [Labour cost survey]
- More information for enterprises about the effects of coronavirus on inquiries. Statistics Finland's data collections continue during the coronavirus epidemic.



#### Changes in data collection mode

- All household and enterprise face-to-face interviews were cancelled (effect on LFS and EU-SILC). ESS and PIAAC passed by a year.
- Further investments in mixed-mode surveys like the Consumer Confidence Survey and the Survey on Income and living conditions mixed-mode pilot.
- In the Consumer Price Index survey Statistics Finland's interviewers collect around 50,000 prices from approximately 2,900 outlets for the indices. Now the price data are collected by telephone, on the Internet and by email from the data suppliers. Only absolutely necessary collection on the spot. New assessment 9/2020.
- Information (postal) letters to enterprises were replaced by two email letters: first a cover letter, two days after passwords.
- New way of thanking household respondents with digital feedback
- New helpdesk service for enterprise respondents
- More time for answering some enterprise surveys

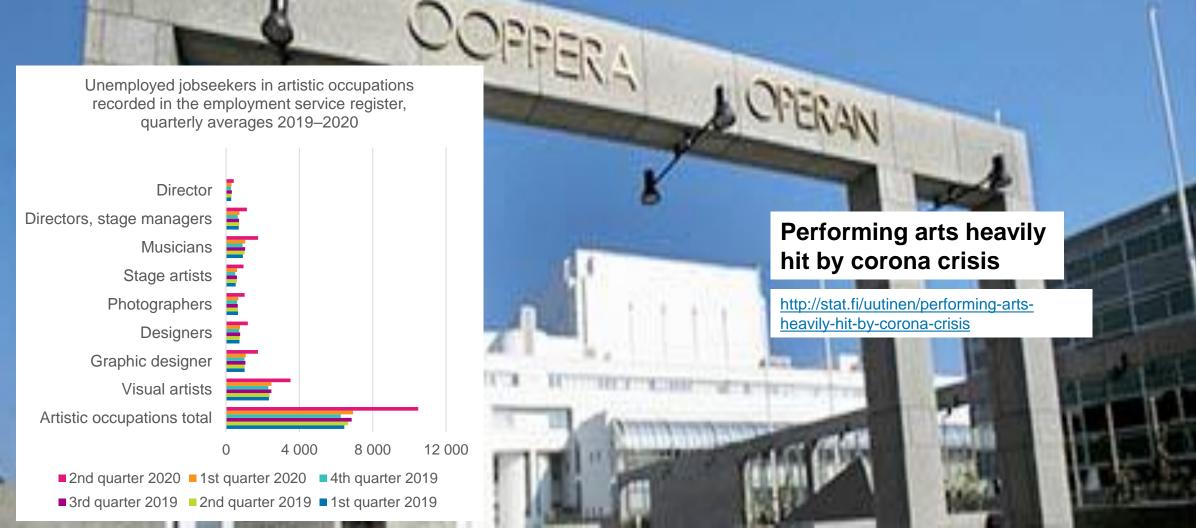


#### Changes in response rates

- No significant effects on the response rate expect in the face-to-face mode.
- Lower response rates in enterprise surveys like the Financial statements inquiry for enterprises 5%.
- The LFS, Consumer Confidence Survey and EU-SILC: light downward trend especially in longer surveys, for web surveys clear upward trend. Cancellation of face-to-face interviews affects larger surveys.
- In monthly data collection of accommodation statistics a large part accommodation establishments were closed, which complicated data collection. Specification from the data suppliers whether they were still open or closed. Still RR + 10%.
- Larger sample size to ensure adequate data for statistical purposes in the Inquiry on volume index of industrial output



#### One content highlight from corona page



# Thank you!

http://stat.fi/index\_en.html

