CES Recommendations on the Role of Official Statistics in Measuring Hazardous Events and Disasters

In June 2019, the Conference of European Statisticians (CES) adopted the CES Recommendations on the Role of Official Statistics in Measuring Hazardous Events and Disasters, which:

- Clarify the role of national statistical offices (NSOs) and other members of national statistical systems (NSSs) in providing information related to hazardous events and disasters, and
- Identify practical steps to better support disaster risk management efforts in coordination with national agencies responsible for disaster risk management.

Chapter 5 of the CES Recommendations provides a list of potential contributions of NSS to each phase of disaster risk management, including the phases of disaster response and recovery. This provides NSOs with guidance to address the current emergency situation (disaster response phase) with official statistics (e.g., on the geographical distribution of population at risk) and to plan specific activities that will be needed at the end of the crisis (for example specific surveys to measure disaster impacts). This chapter also recommends a set of basic statistics ("emergency data kit") which should be kept up-to-date and easily accessible in case of a disaster. The emergency data kit requires clarified procedures regarding the handling of data confidentiality, small scale-analysis, integration with other information etc. to be used in emergency situations without delay.

In the CES Recommendations, you will also find practical examples for:

- Using official statistics available in disaster-risk management while maintaining statistical confidentiality
- How NSOs could contribute to data analysis and communication with policymakers, media and public, etc.
Activities

Ongoing:

- UNECE Task Force on Measuring Hazardous Events and Disasters, which developed the Recommendations, is working under a renewed mandate to support NSOs in contributing to managing the current emergency situation
- The Task Force is collecting the practical experience of NSOs in addressing the current and anticipated information demand, and how they deal with major challenges.

Upcoming:

During the 68th plenary session of the Conference of European Statisticians (CES) (22-24 June 2020), the chief statisticians of all CES member countries, will discuss:

  - Data stewardship – new roles of NSOs in the changing world (organized by UNECE)
  - Impact of Covid-19 crises on business continuity of official statistics (organized by OECD)
- Sharing experience in implementing the CES Recommendations and Using geospatial data and tools for measuring COVID-19 impact - jointly with UN-GGIM:Europe

The Task Force will publish case studies on how NSOs respond to COVID-19 and develop core indicators on hazardous events and disasters.

Country practices

In addition to continuing their normal operations under very difficult circumstances, NSOs carry out new or unusual activities that help the government and the public to deal with the crisis. This collection of practices aims to help NSOs learn from each other, prepare for the recovery phase and improve the use of official statistics in disaster risk management in the future.

The following table includes examples of NSOs of Australia, Canada, Colombia, Estonia, Finland, France, Germany, Ghana, Ireland, Italy, Lithuania, Mexico, Netherlands, New Zealand, Romania, State of Palestine, Sweden, Turkey and the United Kingdom.

Challenges related to the regular production of official statistics, e.g. because staff working from home, difficulties to carry out interview-type surveys etc., can be found in other sections of this platform.

Please use the filter tool to select countries or categories that are of interest for you. The information can be downloaded in various formats.

The main sources of information are: (1) a special survey carried out by the UNECE Task Force on Measuring Hazardous Events and Disasters (and follow-up communication with NSOs), (2) the UNSD COVID-19 response website, (3) NSOs’ websites and (4) information provided directly by NSO. For updates and adding of information please contact Michael Nagy.

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<tr>
<th>#</th>
<th>Country</th>
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<td>Canada</td>
<td>Dissemination</td>
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<td>Latest information products that helps to shed light on the key economic trends and social challenges related to the COVID-19 crisis.</td>
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<td>Canada</td>
<td>Dissemination</td>
<td>Interactive tool: Canadian Economic Dashboard and COVID-19</td>
<td>The dashboard includes 16 indicators from a range of monthly data programs—real gross domestic product, consumer prices, the employment rate, merchandise exports and imports, retail sales, hours worked, manufacturing sales, air and railway transportation, and travel. The dashboard will be updated as new data and analysis become available. Those will include short explanatory texts that summarize and highlight effects specific to provinces and industries. More indicators may be added to the dashboard to provide additional timely measures and a more comprehensive picture of the rapidly-evolving situation.</td>
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<td>Canada</td>
<td>Dissemination</td>
<td>Canada COVID-19 Situational Awareness Dashboard</td>
<td>Dashboard of Covid-19 cases in Canada. Statistics Canada is providing its considerable geo-spatial expertise to respond to pressing information requests for geo-enabled data coming from various federal partners and first responders monitoring and intervening directly in the field during the COVID-19 crisis. This work will facilitate access to geo coding and mapping of relevant socio-economic information. This work involves working with Natural Resources Canada, Public Health Agency of Canada (PHAC) and Public Safety Canada, to build dashboards and portals for PHAC to help them disseminate socio-economic and health data, and information from their epidemiologists to other federal departments, and health agencies at the provincial, territorial, and local levels. See also Daily press release: <a href="http://www150.statcan.gc.ca/n1/daily-quotidien/200330/dq200330b-eng.htm">http://www150.statcan.gc.ca/n1/daily-quotidien/200330/dq200330b-eng.htm</a></td>
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<td>5</td>
<td>Canada</td>
<td>Data collection</td>
<td>Crowdsourcing: Impacts of COVID-19 on Canadians</td>
<td>The crowd-sourcing online questionnaire collects data on the current economic and social situation, as well as on people’s physical and mental health, to effectively assess the needs of communities and implement suitable support measures during and after the pandemic. In order to implement this survey rapidly, the survey is conducted online only. Respondents are also asked if they would like to volunteer to participate in the Canadian Perspectives Survey Series (CPSS).</td>
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<td>6</td>
<td>Canada</td>
<td>Data collection</td>
<td>Canadian Perspectives Survey Series 1: Impacts of COVID-19</td>
<td>Report and infographic of results for the period between 29 March and 3 April. More than 4,600 people in the 10 provinces responded to this survey between March 29 and April 3. The CPSS involves creating a pool of people who agree to complete about six very short online surveys over a period of one year (about one every two months). The CPSS aims at understanding social issues more rapidly, while reducing the cost of collecting data.</td>
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<td>7</td>
<td>Canada</td>
<td>Data collection</td>
<td>Web panel survey on the impacts of COVID-19</td>
<td>Statistics Canada launched a web panel survey from 29 March to 3 April 2020 and covered topics on the impacts of COVID-19 on Canadians with a reference period that covered 22–28 March 2020. Participants consisted of a web panel of Canadians living in all 10 provinces. The first release from the web panel survey was on April 8 and can be found here. Other iterations of this survey will take place as necessary.</td>
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<td>8</td>
<td>Canada</td>
<td>Analytical work</td>
<td>Modelling and surveillance support</td>
<td>Statistics Canada will respond to pressing information requests mostly coming from Public Health Agency of Canada (PHAC) by providing expertise and consultative services in the area of modeling and microsimulation to support PHAC work in the area of projections. PHAC has already been engaged on this front and are considering options. Numerous projects utilizing Statistics Canada microsimulation capacity and its data science expertise are under consideration.</td>
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9 Colombia Dissemination
Geoportal on vulnerable population and health infrastructure (geosvisor con indice de vulnerabilidad)
Set up in the context of the pandemic to present in form of an interactive map, to show where the population is, which, due to its demographic characteristics and health condition, may have more complications if catching COVID-19. It also shows the location of health centers.
3 20-Apr-20

10 Finland Dissemination
Analysis of economic situation during COVID-19 crisis: Statistics Finland offers data and competence to situation room established by Helsinki GSE (8 April 2020)
The Helsinki Graduate School of Economics GSE has established a situation room focused on analyzing the economic situation together with VATT Institute for Economic Research and Statistics Finland. The aim is to provide a view of economic development during the coronavirus crisis with the help of the situation room analyses.
2 17-Apr-20

11 Finland Dissemination
Increasing release schedule and providing new data: 6 April 2020 Corona situation report
Statistics Finland aims to accelerate the release schedule of statistics important from the viewpoint of emergency conditions and to publish information supplementing normal statistics production in the form needed by users.
2 17-Apr-20

12 Germany Dissemination
High priority to the production of short-term economic statistics
NSO does not collaborate directly with national agencies or institutions to manage the pandemic. The main activity is providing specific data (economic, social, territorial) and to publish specific statistics and indicators. The focus of work is on essential statistics. The Federal Statistical Office of Germany gives high priority to the production of short-term economic statistics, such as GDP, the consumer price index and unemployment rate. We also disseminate our fastest economic indicator the truck toll mileage index (nine days after the reference month). In addition, NSO disseminated experimental data on consumer behaviour encompassing selected products, such as toilet paper, sanitary articles or flour.
1 20-Apr-20

13 Germany Planned activities
Special page on the effects of the COVID-19 pandemic and press work (in German)
The effects of the COVID-19 pandemic are directly visible in many economic indicators over the following month, possibly years. Besides the economic indicators, other statistics can give further relevant structural information in reference to the COVID-19 pandemic (especially health statistics). For January and February 2020, effects of the COVID-19 pandemic are seen, if at all, only with regard to individual countries (e.g. exports to China). However, first disruptions caused by the COVID-19 pandemic are expected for March and April 2020.
To reflect the effects of the COVID-19 pandemic in official statistics, the Federal Statistical Office of Germany has initiated the following measures as a first step:

1. Special page on the effects of the COVID-19 pandemic
Starting from 6 April 2020, the relevant short-term economic indicators are presented on a special page. Furthermore, these are continuously updated. However, many effects will not be visible until mid-April/May at the earliest.

2. Press work on the effects of the COVID-19 pandemic
From now on, all standard press releases for the first dissemination of statistics are checked on whether effects of the COVID-19 pandemic are visible and in case a paragraph will be added. Special focus is placed on relations with particularly affected countries (e.g. foreign trade, tourism, transport). Many statistics provide structural information that form an important basis for political decisions in connection with the COVID-19 pandemic. The Federal Statistical Office of Germany maintains the media coverage. It will provide contextual information wherever possible in order to objectify discussion.

3. Press conference on the effects of the COVID-19 pandemic
A press conference on the economic impact of the COVID-19 pandemic is planned for early/mid-May. Currently, it is being assessed whether a press conference can be organised via livestream.
1 20-Apr-20

14 Germany Lessons learned
Main lessons learned
- Close data gaps and provide information important for the crisis
- Strengthen Digitalisation
- Rebalance timeliness and accuracy
- Transparent communication
- Be quicker: extension of Nowcasts / Flash estimates
1 20-Apr-20

15 Ghana Dissemination
COVID-19 Monitoring Dashboard
Dashboard with COVID-19 cases and data on vulnerable population groups, access to sanitation and health facilities
2 17-Apr-20

16 Ghana Data collection
Press release: New data methods are helping the Government of Ghana fight COVID-19
How Ghana Statistical Services (GSS), Vodafone Ghana, and the Flowminder Foundation are using innovative data science techniques to support the government’s response against COVID-19.
2 17-Apr-20

17 Ghana Analytical work
Mobility analysis to support the Government of Ghana in responding to the COVID-19 outbreak using mobile phone data
Initial insights into the effect of mobility restrictions in Ghana using anonymised and aggregated mobile phone data
2 17-Apr-20

18 Ireland Dissemination
Ireland Coronavirus (COVID-19) Dashboard, Datasets and other sources of information
The Office of the Chief Medical Officer (CMO), has formed the Irish Epidemiological Modelling Action Group (IEMAG), chaired by Prof Philip Nolan of Maynooth University, to monitor and model the outbreak of COVID-19 in Ireland. The IEMAG report directly to the National Public Health Emergency Team (NPHET).
In response to the Coronavirus disease (COVID-19) outbreak, the Central Statistics Office (CSO) in collaboration with Ordnance Survey Ireland (OSi), the Department of Housing, Planning & Local Government (DHLG) and the All Island Research Observatory (AIRD) in Maynooth University, along with Esri Ireland as technical partners, rapidly developed a National Covid-19 Data Hub on the GeoHive platform. GeoHive was identified as the State’s geospatial data platform in the Public Service Data Strategy 2019 – 2023. For this particular action this work has been designated as the GeoHive Covid19 Response Coordination Group, (GH-COVID-19-RCG). The Group is part of the IEMAG.
The National Covid-19 project partners use best practice methodologies and governance structures to ensure the appropriate overall management of the project and its data.
1 27-Apr-20

19 Lithuania Dissemination
COVID-19 Monitoring Dashboard
A set of Interactive maps with virus-relevant information on hospitals, doctors, population by age and sex and region and integrated UN and LT monitoring of the virus information
2 17-Apr-20

20 New Zealand Analytical work
Provisional indications – effects of coronavirus outbreak on New Zealand trade with China
New Zealand’s daily trade from 1 February to 25 March 2020, comparing 2020 values with those from previous years to show the potential impacts of COVID-19 since its outbreak in late 2019.
2 17-Apr-20
21 State of Palestine
Analytical work
Press Release of Corona Crises losses
Economic forecasts for 2020 in light of the current outbreak of the Coronavirus
2 17-Apr-20

22 State of Palestine
Dissemination
Summary of consultation on effects of the COVID-19 on women in Palestine
A Summary of Statistical Indicators on Women in Palestine during the COVID-19 crisis
2 17-Apr-20

23 Sweden
Dissemination
Coronavirus (COVID-19) portal
Dedicated portal with news and statistics on the spread and effects of COVID-19, including (1) News and statistics on how the spread of the corona virus affects society; (2) information to respondents of surveys.
2 17-Apr-20

24 United Kingdom
Dissemination
Coronavirus (COVID-19) portal
All COVID-19 related statistics and a blog on the latest work, for example:
- Estimates of deaths from COVID-19 – weekly, monthly, excess deaths (project with DHSC), risk factors, pre-existing health conditions.
- New online social and opinion survey – onto wave 3, results published every Thursday; analysis on disability, young people, vulnerable people, other groups.
- New online business survey – onto wave 2, results published every Thursday; rates of furloughing, impacts on business turnover, etc.
- New online Labour Market Survey to supplement the Labour Force Survey, including COVID-19 questions.
- Exploring potential of high frequency consumer spending data.
- Weekly price index and stock availability for high demand items.
- Considering implications/risk to data collection and fieldwork (including International Passenger Survey).
- Data Science Campus working with data from telecoms providers to assess trends in movement and football.
- Working with HMRC on earlier indicators of employment and earnings trends, using PAYE Real Time Information.
- Characteristics of workers and impacts on the labour market – key workers, self-employment, home-working, technology, risk of infection, etc.

Over half of all traffic to the ONS website is searching for the statistics on deaths due to coronavirus. We’ve published new analysis about this in the past week, showing that in March over 90% of deaths involving COVID-19 had an underlying health condition.

The weekly Faster Indicators included results from the new weekly Opinions and Lifestyle Survey, with questions about the impact of coronavirus on people’s lives. Just over half of adults said the coronavirus was affecting their well-being.

25 United Kingdom
Dissemination
Counting deaths involving the coronavirus (COVID-19)
Introduction to the provisional figures published on 31 March, explaining why the different ways of counting used across the government give different answers.
2 17-Apr-20

26 United Kingdom
Analytical work
Coronavirus (COVID-19) roundup
Latest data and analysis related to the coronavirus (COVID-19) pandemic and its impact on the UK’s economy and society.
2 17-Apr-20

27 United Kingdom
Analytical work
Coronavirus and the social impacts on Great Britain Statistical bulletins
New indicators from the ONS Opinions and Lifestyle Survey to understand the impacts of the coronavirus (COVID-19) pandemic on people, households and communities in Great Britain.
2 17-Apr-20

28 United Kingdom
Improving data fitness
Ensuring the best possible information during COVID-19 through safe data collection
Note discussing ONS response to the COVID-19 crisis and its approach to ensure the government has the information it needs to manage the UK’s response to the pandemic.
2 17-Apr-20

29 United Kingdom
Improving data fitness
Top tips for quality assurance of ad-hoc analyses of official statistical data, with a quick turn-around, to answer specific questions in situations when time and resources are limited.
2 17-Apr-20

30 United Kingdom
Challenges
Biggest challenges at the moment
Some key challenges include:
- Access to and dissemination/sharing of new data sources.
- Coordination of statistical outputs within government.
- The pressure placed on human resources to deliver analysis at pace while working remotely.
1 20-Apr-20

31 Turkey
Dissemination
Main focus of current NSO work to support managing the pandemic
TurkStat is not involved in managing the pandemic directly, but it meets the data requests of public institutions and universities related to pandemic. Population statistics with very detailed geographic breakdown (detailing quarters or even streets) are provided to public institutions (Ministry of Health, local governments, etc.) without suppression.

Requested social data is mostly on elderly and child population which are under curfew except for some special cases because of pandemic. Data are provided on both person and household level for requested geographic level. Moreover, works are ongoing to prepare a report which covers every kind of statistics related to COVID-19.

1 20-Apr-20

32 Turkey
Data collection
Questions added to the Labour Force Survey
To determine the possible impacts on the labour market, a few modular questions were added to the Labour Force Survey (LFS) as of April 2020. Together with these questions added to the LFS, it is planned to estimate the size of people who are employed but who are on paid or unpaid leave, started working from home, changed working hours, quit the job due to the epidemic or not looking for a job due to the epidemic.

1 20-Apr-20

33 Turkey
Dissemination
Statistical tables to be prepared for publishing at the NSO webpage
Statistical tables on COVID-19 pandemic are prepared to be published on TurkStat's webpage focusing on statistics that could be beneficial for decision makers, researchers and general public, for example:

- Proportion of child population and elderly population in selected countries.
- Number of households with individuals aged 65 and over by provinces.
- Average size of households by provinces, time distribution in household and family care by sex and employment status.
- Persons responsible for the day care of kids by SR Level 1 and three major provinces.
- Persons responsible for household chores by SR Level 1 and three major provinces.
- Time distribution in household and family care by sex and employment status.
- Values and persons as source of happiness of elderly people.
- The number of elderly people living alone (in order to make social aid).
- The number of households with children under a specific age and working in public sector (in order to create a working structure (work from abroad etc.) that ensures society's health as well as performing current works,
- Age structure of the country (to determine part of the risk groups).
- Type of the households (to determine expansion capacity of the infection).

1 20-Apr-20

34 Mexico
Dissemination
Providing data to Government for crisis management
INEGI has been working together with the Federal Government and the National General Health Council to provide data required from different government offices and keeping in mind the health of its personnel.

INEGI data has been used to implement contingency plans for the outbreak of the disease:

- National database of private hospitals and clinics - for the Government to contact them and invite to join the National Hospital Reoccupation Plan.
- Data on elderly people (over 60), so that local Governments will be prepared.
1 20-Apr-20
Currently, the biggest challenge faced by INEGI is its ability to collect high-quality and comparable statistics useful for monitoring the economic, health and public safety situation in the country. Considering that most data collection efforts are based on face-to-face interviews, current public health measures have imposed additional difficulties within the data production cycle. This situation is expected to last as long as the critical phase of the pandemic is over, given the fact that institutions will devote human and financial resources to solve unavoidable economic and social problems. It is expected to have a slowdown in productivity that may last for the rest of the year. Consequently, INEGI is seeking alternative methods for data collection: it is necessary to implement protocols that allow information to be collected without the need to risk the health of interviewers and informants.

Yet this shift may cause comparability and precision issues. In other words, whilst disseminating statistics in a moment like this is crucial for decision-making purposes, field and government authorities within a fiscal and government conditions will most probably have an impact on the quality and comparability of the data provided. For the next stage, one of the main challenges is to generate the conditions to give continuity to the historical series of statistical information. Due to the circumstances of not collecting statistical information, one will have to be included in the results reports the effects of altering information collection periods, and altering the design of probabilistic survey samples. Thus, INEGI will need to communicate in the most transparent and comprehensible way possible, the limitations and drawbacks of the data provided.

In particular, in the case of Socio-demographic Statistics, the challenges we face now in order to give continuity to the work of the Directorate are:

- Designing tools to assign work to home to Census 2020 staff, including coverage verification from satellite images and the revision of addresses for sending invitation letters for self-enumeration via Internet or by telephonic interview in those dwellings with non-response status for the Census 2020.
- Redesign and planning of the verification process and the stages of the Census 2020 that were canceled, however, the task is complicated by the uncertainty of the dates to return to normal activities.
- Self-registration via the Internet has been promoted in those dwellings that maintain non-response status for the Census 2020; however, the response rate has been low, remaining below 10 percent.
- To train and equip staff with the necessary instruments to carry out telephone interviews in the dwellings in the Labour Force Survey sample where a telephone number is available; and plan telephone interviews by means of invitation letters in those dwellings where a telephone number is not yet available.

To soften the impact on the results of the statistical information: it is not only a question of the non-existence of information during the period that the confinement is maintained, but also a possible effect is foreseen as a consequence of a higher non-response rate, the alteration of historical comparability, or the loss of coverage and accuracy.

- Generate the necessary and historic indicators during the confinement phase.
- Generate a short employment questionnaire in order to know the impact of the COVID-19 pandemic in the labor market.
- A retrospective survey is being considered in order to gain a clearer understanding of the effects of COVID-19 on the labor market; this will be a challenge in every sense since it implies the deployment of human, financial and technological resources for its implementation.

There are activities that have already been developed from this phase and will need to be maintained in the next phase in order to make the transition back to traditional means of information gathering, to ensure that the information currently being collected maintains the necessary quality and reflects the effects of the COVID-19 pandemic on population and economy. Normal activities for the generation of statistics will take even longer after the end of the confinement. It will take a while to regain the confidence of the population to establish face-to-face interaction with enumerators so a staggered return to regular activities is calculated.

- Some activities that were already carried out before the pandemic by the COVID-19 and that have now been strengthened as primary sources for generating information such as the application of Small Area Estimation techniques. This model has some limitations, but it will be useful to generate statistics to know the impact of the pandemic.
- In the case of starting with short employment interviews via telephone that allow for capturing the impact of the COVID-19, mainly in the labor market, these should be maintained for a certain period of time to guarantee their quality and planned coverage.
- It will probably be necessary to maintain the remote verification of the selected Census dwellings even after the confinement stage, since a higher non-response rate is estimated by the informants due to the persistent fear of contagion.

Regarding government information, given the uncertainty generated by the behavior of the contingency in the country for the near future, various scenarios are being considered to best conclude the projects that were underway, as well as those scheduled to begin shortly. These scenarios contemplate the postponement of the information collection stages, the reduction of samples and the implementation of telephone interviews that replace those traditionally carried out face-to-face.

INEGI is in touch with government personnel via email, telephone, or other means. Compared to previous data collection cycles, specific Government Censuses will be collected via web-based platforms, allowing multiple users to upload their data simultaneously. An additional action is to analyze and present to the authorities regarding the institutional capabilities of federal, state, and municipal governments to cope with the pandemic and its aftermath.

For INEGI many lessons have been learned. Mainly, even though protocols have been developed to work remotely in the face of catastrophic events such as earthquakes or fires, they have not been enough, because they do not include the entire chain of information production. Specifically, the protocols developed do not contemplate personnel who are on the streets collecting information.

In the scientific field, the exploration of alternative methodologies has remained stagnant, mainly in the experimental field and there has been no opportunity to implement sampling schemes or alternative collection methodologies. As it has already been mentioned, there are some experiments with small-area-estimation models, gathering information via telephone or online. However, it will take a few years for these schemes to be formally considered in the generation of statistical information. In this sense, this pandemic has forced the institution to reflect upon the usual strategies to gather information. It has prompted the need to consider innovative strategies to conduct statistical exercises given the vulnerability of the traditional methods. On the other hand, this crisis has made evident the need to gather specific information regarding the institutional capabilities of governments to deal with major crises. It is an opportunity to deliberate on what information is more relevant to guide public policy decisions at the federal, state and municipal levels.

INEGI needs to be prepared and to foresee atypical data collection environments. Every statistical program will need to design alternative action plans along with a strong communication strategy. This situation invites us also to reflect on INEGI’s capabilities for quickly responding to data demands as well as to the type of information that are most needed for official and public audiences.

We also think that inter-institutional coordination is needed to deal with requests for information in an emergency of this type. In other words, the information has been requested according to the needs of the institutions and what the statistical office itself has considered important to share, but it would be appropriate to establish a protocol for orderly and expeditious attention in these cases.

In summary, we can advise the following actions to be considered from this experience of the pandemic:

- Strengthen the generation of statistics from administrative records.
- To have a sampling frame of telephone numbers so that in case interviews need to be done remotely, they are nationally representative.
- We need to generate geo-referenced information for vulnerable populations such as indigenous people, Afro-Mexicans, the street population and the elderly.
- We need to educate the population in terms of statistical culture in order to strengthen the remote means to generate statistics (Internet, telephone).

Statistics Estonia is carrying out analysis of how well the #stayhome rule is followed using mobile positioning data (in cooperation with the main mobile operators). A related news release from 9 April is here (people stay in one location 20 hours per day on average). There is also a description of methodology.
Dissemination

Website: Istat during COVID-19 in companies

INSEI is preparing a “Survey on the Economic Impact Generated by COVID-19 in Companies”. The objective of this survey is to produce qualitative indicators on the health and operational effects on companies of the main economic sectors. The results will be released to the general public in order to contribute to decision-making.

Dissemination

Internal version of the National Covid-19 Data Hub

The internal version of the National Covid-19 Data Hub contains additional data, some of it sensitive. This internal site is only accessible in a secure manner by authorised individuals. Some examples of the data on this internal hub are:

- Hospital admissions and discharges, by date, age and gender of patients.
- ICU beds - occupied, by age, gender, dates of admission and discharge of patients, and this data is available for each hospital in Ireland.
- Infections reported by geography (Census Electoral District (ED)), date, age, and gender.
- Testing, dates of referral, test, lab results. Also the geography, ED, of the individuals tested.
- Throughout of testing labs by date.

CSI has sourced these data from our Health Service Executive through our Statistics Act (1993).

Data collection for ad-hoc researches to measure the impact of the health crisis

The first, carried out in the first days after the outbreak of the pandemic, aimed at assessing the impact of the health crisis on the economy starting from applying a questionnaire to the statisticians of the Territorial Statistics Directorates. Over 800 respondents gave a first picture on the size of the economic catastrophe that was about to occur in March and which is expected to continue in April.

The second ad-hoc research aimed at evaluating the size of the activity volume reduction in the economy and the reduction of employees number. Qualitative data collected from a representative sample (over 8000 companies) were used, at national level, but also by activity sectors, but also other quantitative statistical data. It was estimated a reduction in the volume of activity in the economy compared to a month with normal activity with 30% in March and 40% in April, respectively.

The third research led to the estimation regarding the size of the foreign trade activity by categories of companies grouped according to their size, the number of employees, the form of property, etc. The research was carried out on a representative sample of more than 1700 companies covering at national level about 70% of the foreign trade activity of the last month.

COVID-19: Additional products to measure the impact

ABS is providing a range of additional, up-to-date information to enhance understanding of the social and economic impacts of COVID-19, including new information relating to the Australian Labour Market. In order that the ABS can continue to deliver critical economic and social statistics during this time, it has made some changes to some elements of the ABS Forward Work Program.

COVID-19 website of Insee (in French)

The French National Institute of Statistics and Economic Studies (INSEE) published a dedicated COVID-19 website which informs about INSEE’s activities in the context of COVID-19. It includes information about impacts on economic activity, number of deaths per day, indicators on living conditions, and displacements.

Website: Istat during the COVID-19 emergency

A section of this website is dedicated to release of statistical information related to the pandemic, including information about demography, health and the economy. Istat has been contributing to managing the pandemic with the following products:

- Male, female and total deaths per age class, week of demographic event and municipality of residence at the time of death. Reference period: 01/01-04/04. Years 2015-2020.
- Table on deaths per municipality, gender and age class (verified municipalities only). Reference period: 01/03-30/04, years 2019-2020.
- Press release – The global outlook is dominated by the COVID-19 pandemic. The adverse impact of its necessary containment measures has caused an unprecedented demand and supply shock to international growth prospects. The rapidly changing scenario makes extremely difficult to quantify the impact of the pandemic on Italian economy using the short-term indicators. The March monthly report includes the first focus on the COVID-19 economic impact – 7 April 2020.
- Press release – Due to operational issues caused by the current Covid-19 emergency, surveys on consumer and business confidence are suspended for the current month. Consequently, the press release and the Istat database updates scheduled for April 24, 2020 are cancelled – 2 April 2020.
- The Eurozone Economic outlook – The dissemination of the related note is suspended because of the current difficulties in collection and interpretation of the data due to the health emergency in act – 27 March 2020.
- Senate Act (summary) – The Italian National Institute of Statistics (Istat) aims at contributing with its data and analyses to the evaluation of the second Government decree dealing with the Covid-19 emergency (Decreto-legge 17 marzo 2020, n. 18), which is currently under exam at the Senate Budget Commission – 25 March 2020.
- Economic trends
- Data and microdata on health
- Data and microdata on population and households

Survey on people involved in emergency response

A special commission formed by experts of the Ministry of Health, Civil Protection and Istituto Superiore della Sanità is working with Istat to organize a dedicated survey to study people involved in responding to the pandemic.

Three different special surveys

Three different special surveys will be organised:

- Impact of the pandemic on family life
- Public institutions
- Economic impacts on enterprises.

The results of the surveys will be published. The 2020 Annual Report (June 2020) will report the first results of the surveys. The next release of the SDGs 2020 Report (May 2020) will include a section dedicated to effects of the impact.

Collaboration with national agencies involved in disaster risk management and private data owners

Statistics Netherlands is closely working with our national crisis center and departments to provide them with the information they need. This includes data to evaluate policy scenario’s, but we are also working on fast indicators for the state of the economy, mobility and society in general (including deaths). Statistics Netherlands is also setting up some new collaborations with private data owners for that purpose.

Website: Coronavirus crisis: CBS figures

The website provides statistics on COVID-19 impact on public mobility, economy, public health, the social impact and the impact on supply chains.

Message to users of CBS data and those providing data to CBS: Explaining the challenges faced by the NSO and the need to produce reliable figures during the disaster.

Do you have questions or want to share your experience? Let us know in the comments below.

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