UNCEBTS-Impact of COVID-19

Pivot Post COVID
Perspectives from Colombia

JUN / 2020

DANE produces and disseminates official statistical information that describes the country's economic, social, and environmental reality. It has:

108	Statistical operations

To guarantee the integrity of the statistical process
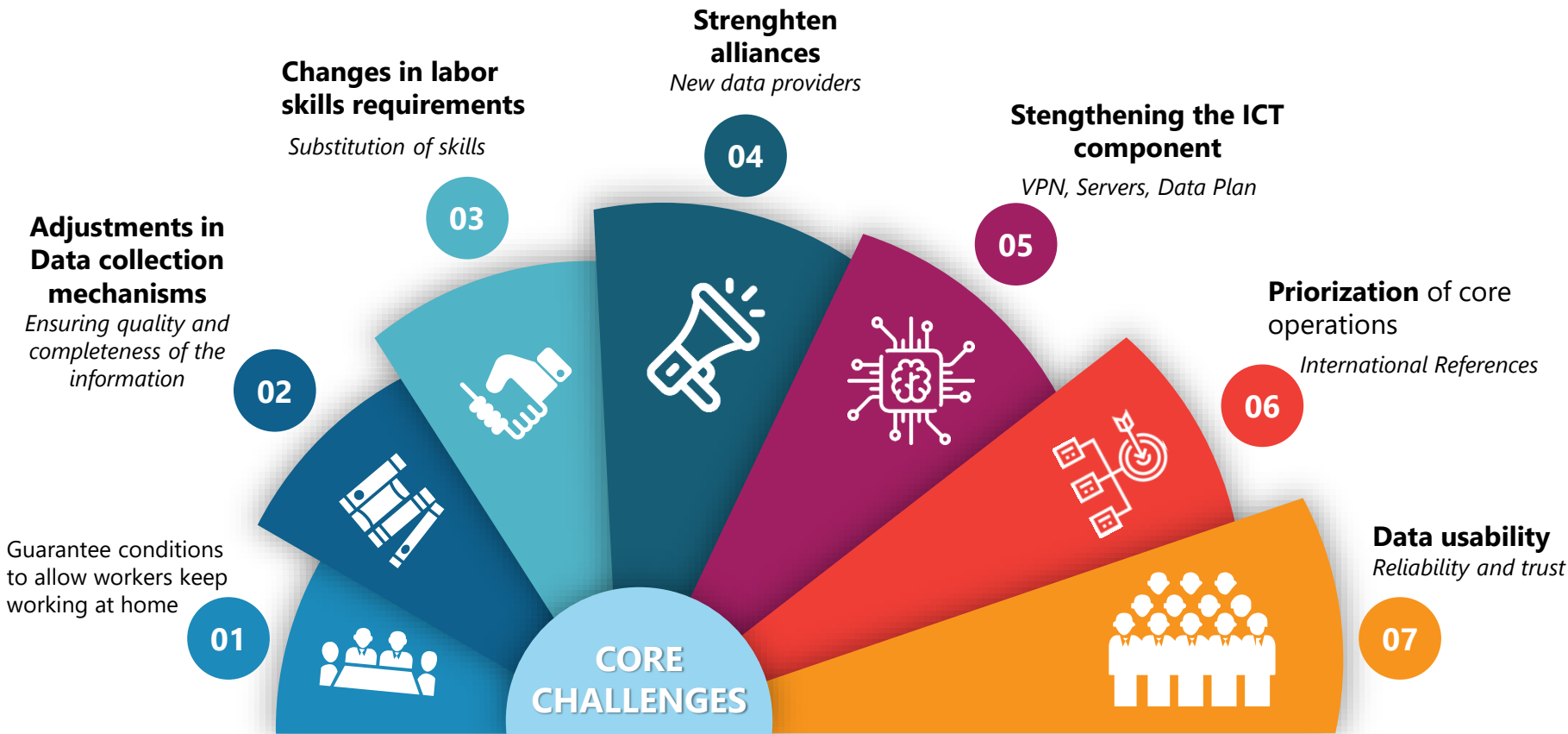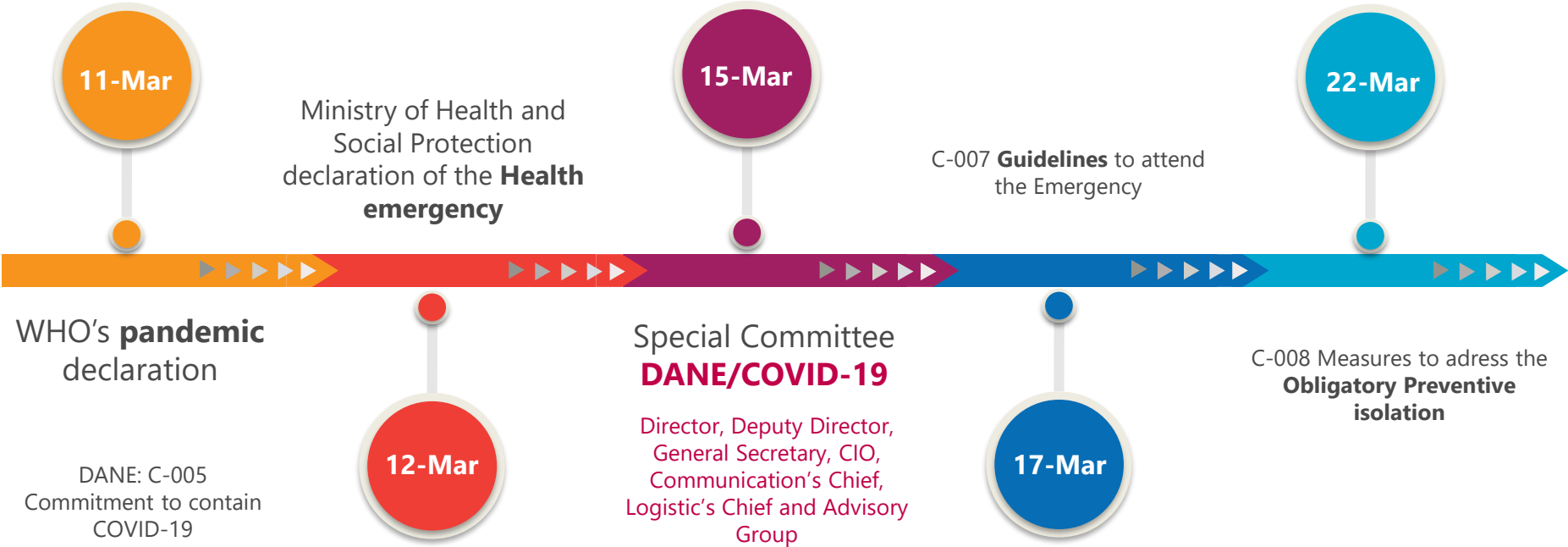
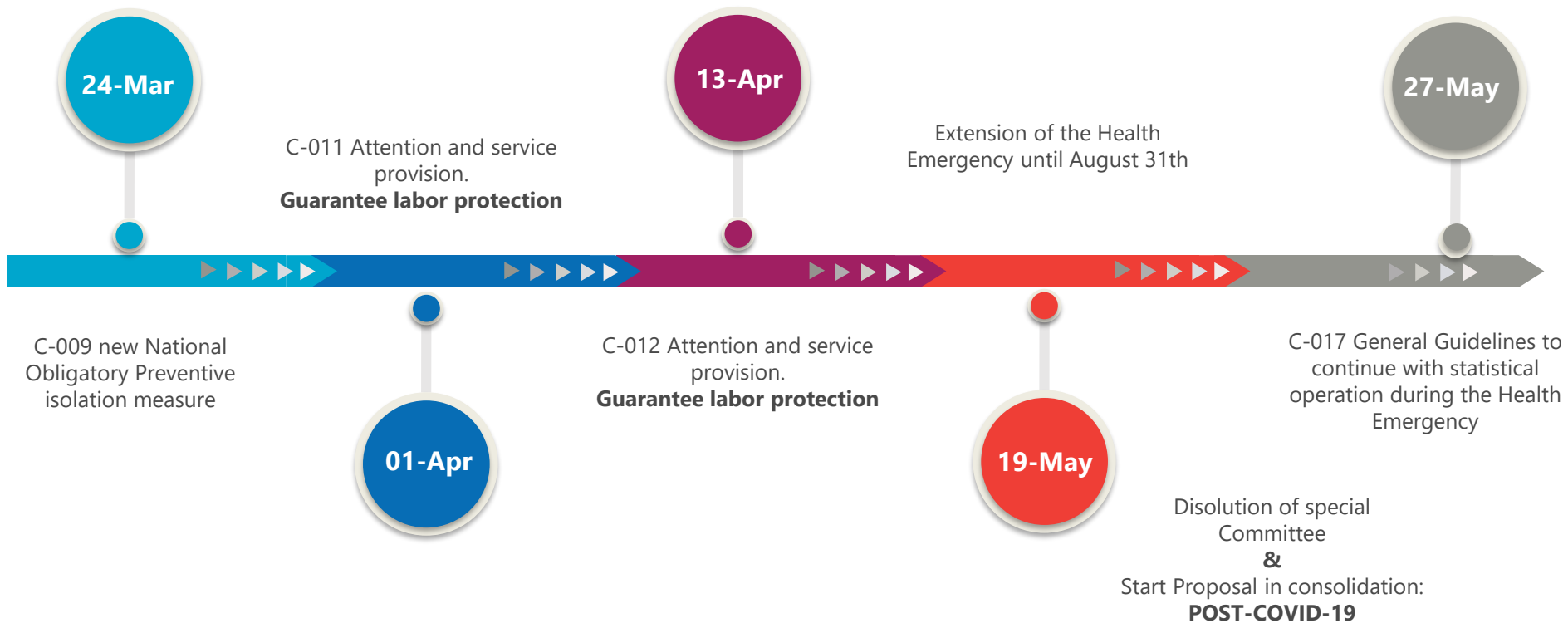| 86	22
Without operational or methodological adjustments	**With adjustments**

With the COVID-19 crisis, DANE has sought to measure potential negative impacts of the pandemic.

➢ two new surveys to monitor the impacts that COVID-19 may have on consumers, households and business

Core Challenges

Strenghten alliances
New data providers

04

Changes in labor skills requirements
Substitution of skills

03

Stengthening the ICT component
VPN, Servers, Data Plan

05

Adjustments in Data collection mechanisms
Ensuring quality and completeness of the information

02

Priorization of core operations
International References

06

Guarantee conditions to allow workers keep working at home

01

Data usability
Reliability and trust

07

CORE CHALLENGES

DANE Timeline COVID-19

INFORMACIÓN PARA TODOS

24-Mar

C-011 Attention and service provision.
Guarantee labor protection

13-Apr

Extension of the Health Emergency until August 31th

27-May

C-009 new National Obligatory Preventive isolation measure

01-Apr

C-012 Attention and service provision.
Guarantee labor protection

19-May

C-017 General Guidelines to continue with statistical operation during the Health Emergency

Disolution of special Committee
&
Start Proposal in consolidation:
POST-COVID-19

How we adapt

86 undisturbed operations
Geostatiscal data production
Statistical planning and regulation
Statistical quality assessments
Implementation of the Statistical System
Multipurpose Cadastre and public policies

- Strengthening of biosafety protocols
- Strengthening of telephone directories
- Alternative collection methods
- Intensified monitoring of strategic operations
- Awareness of information sources
- Virtualization of the DANE Central operation, of training processes
- Identification of new needs
- New statistical models
- Identification of new sources
- Seasonal adjustment
- Survey modification
- Follow of the OIT new requirements

Aspects to consider

1. Timeliness:

Good data in almost real time (GPD for example)

2. Accuracy:

non complete information (e.g missing values) can represent a huge challenge in the accuracy of the estimations and data publication

3. Coherence:

Models and estimations must be guarantee coherence and validation with external data

4. Comprehensiveness:

The level of disaggregation and the detailed of the data could be affected if there are not good statistical practices

5. Reasonably detailed*:

Following SNA 2008 for production and estimation of national accounts, the accurancy at the most disaggregated levels may vary.

*Quarterly National Accounts Manual (IMF) 2017

Adopted strategies

- CPI: prices of non-motorized radio units to the staff's home
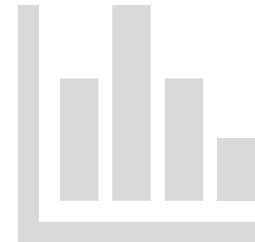- Price web scraping for major supermarkets

Household survey:
- Questionnaire cutout
- Transition to CATI
- Labor data missing value analysis
- New answer options created
- New COVID related questions
- Committees to adapt the survey to be more inclusive (before COVID)
- Pilot of the new survey in parallel with the already established

New data source:
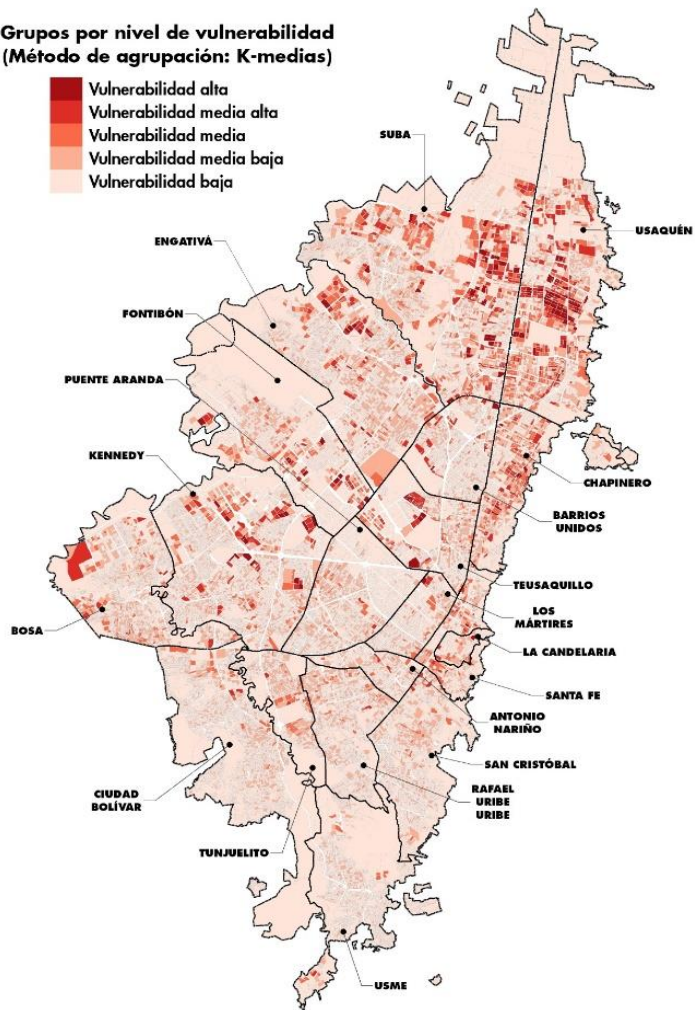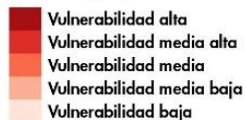- Utilites data
- Stock market data

- Test for coincident Profile and Dynamic Common Factors
- NARX models (VEC and Johansen Correlation Test)
- Treatment outlier at the end of the serie (March 2020 modelled as outlier)

**Grupos por nivel de vulnerabilidad
(Método de agrupación: K-medias)**

- Vulnerabilidad alta
- Vulnerabilidad media alta
- Vulnerabilidad media
- Vulnerabilidad media baja
- Vulnerabilidad baja

Our new COVID-related tools

Experimental statistical models:

- Early estimation of principal data with 4 days of lag
- An initial inventory of models that help to estimate missing values in the conjunctural series.
- Statistical models to calibrate indicators

New questionnaires:

- Implementation of a flash survey in order to data collection for taking the pulse of the economy to keep the industry, commerce, service enterprises, government informed of overall situation, the impact the crisis is having on business and employment and expectations on economic behavior under public policy measures .

Vulnerability index:

- Geographically identifying the most vulnerable population against COVID

New questions:

Adding questions related to the COVID in the Colombian household survey

Social Pulse Survey

Social Pulse: measuring consumer's and households' assessment of their current economic situation and their expectations.

In the light of the current crisis due to COVID-19 DANE, in partnership with UNICEF, will launch in July 2020 a new statistical operation, which aims to measure consumer's and households' assessment of their current economic situation or their expectations of future economic prospects.

The survey core if the **Consumer Confidence** module, which will be applied each month. Nonetheless, the survey includes additional modules to responde to the current needs that have arised from the COVID-19 crisis.

Survey modules:

1

Consumer confidence

2

Subjective well-being

3

Home-care support

4

State aid policies

5

Children and teenager's well-being

INFORMACIÓN PARA TODOS

Corporate Pulse Survey

Survey modules:

Corporate Pulse: monitoring perceptions of businessmen.

In the light of the current crisis due to COVID-19 DANE launched a business survey in order to capture information on the current business situation and the way businessmen are adapting to the new circumstances.

1
State of company operations

2
Negative impacts on company operations

3
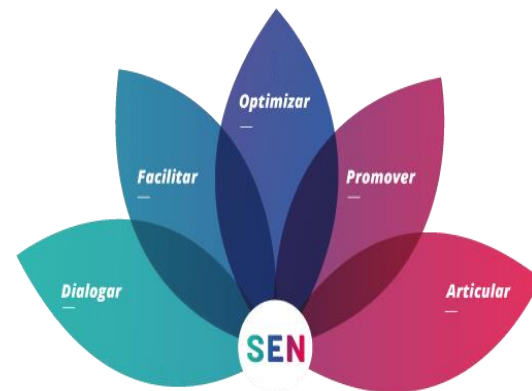**Adjustment mechanisms implemented**

4
Expectations about economic behavior

5
Perceptions on state aid policies for enterprises

The **Data Stewardship** in a Post COVID scenario includes taking into consideration different elements to contribute to statistical production from the National Statistical System (SEN)

- **Collaborative and governance instances:** contribution from the information producers to make better decisions and improve the quality of statistical production: Data Management Committee
- **Formal initiatives for COVID monitoring:** joint work between information producers and those responsible for the implementation of public policy (national and local) in order to continue providing relevant information for decision-making
- **Importance of institutional capacities:** Data Stewardship requires a conscious exercise in capacity development (technical, regulatory, etc.) for all members of the Statistical System.
- **Ethical considerations:** the use of information in collaborative contexts, such as data stewardship requires the consideration of ethical risks in the use and transfer of information.

UNCEBTS-Impact of COVID-19

Pivot Post COVID
Perspectives from Colombia

JUN / 2020

DANE
INFORMACIÓN PARA TODOS

El futuro es de todos | Gobierno de Colombia