National implementation of Go.Data in Argentina

Dr. Analia Rearte.
National Director of Epidemiology.
National Ministry of Health.

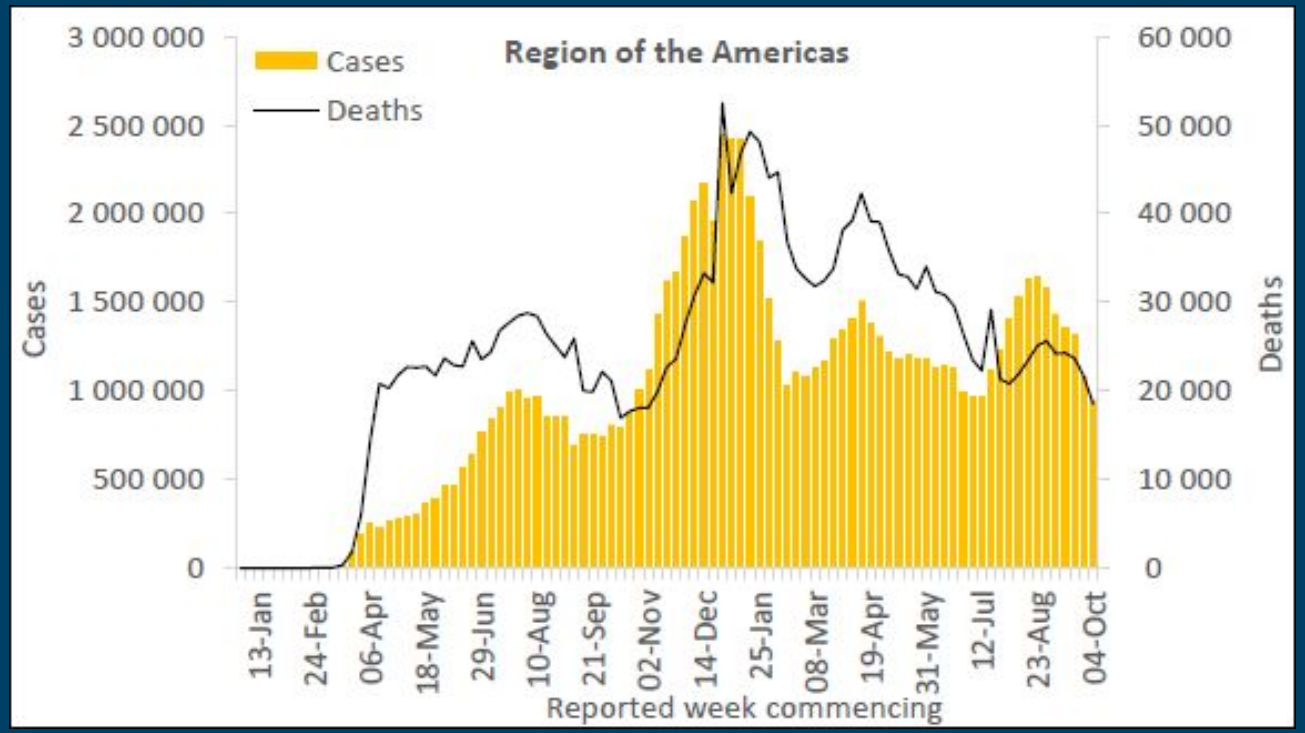
Argentina unida

Ministerio de Salud Argentina

OPS Organización Panamericana de la Salud Organización Mundial de la Salud Américas

go.data

COVID-19: Situation in the Americas

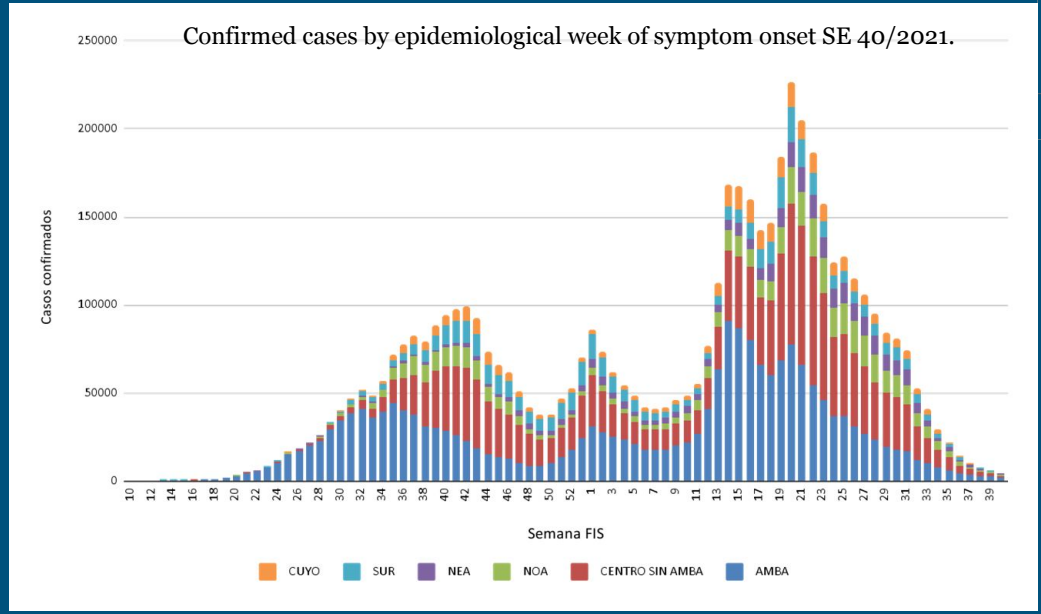


Since the end of August, the region has reported a downward trend in cases and deaths linked to covid-19.

Data taken from: COVID-19 Weekly Epidemiological Update

COVID-19: Situation in Argentina

- **Incidence in the last 14 days:** 19 c/100,000 inhab.
- **Confirmed cases:** 5,271,361
- **Deaths:** 115, 660



Epidemiological surveillance:

- SNVS: National Health Surveillance System.

SNVS 2.0

salud Argentina unida

COVID-19 response - Strengthening the SNVS

Go.Data was implemented with the **objective** to **strengthen** and **expand** the capacity of the SNVS

in order to provide the provincies of the country with a integrated response tool to systematically collect and analyse outbreak investigation data.

go.data

Go.Data implementation for contact tracking

Assessment of technical feasibility

Preparation for a nationwide implementation. Formation of a national multidisciplinary team

Systematic implementation and support

Stage 1: Assessment of technical feasibility

Go.Data installation in the national datacenter (ARSAT), this makes access and information available to all users nationwide.

Stage 2: Preparation for a nationwide implementation

Epidemiology

- **Training, Management and Assistance**
- **Preparation of Guides and Tutorial videos**
- **Epidemiological configuration of Go.Data**
- **Pilot test**

Development of information systems

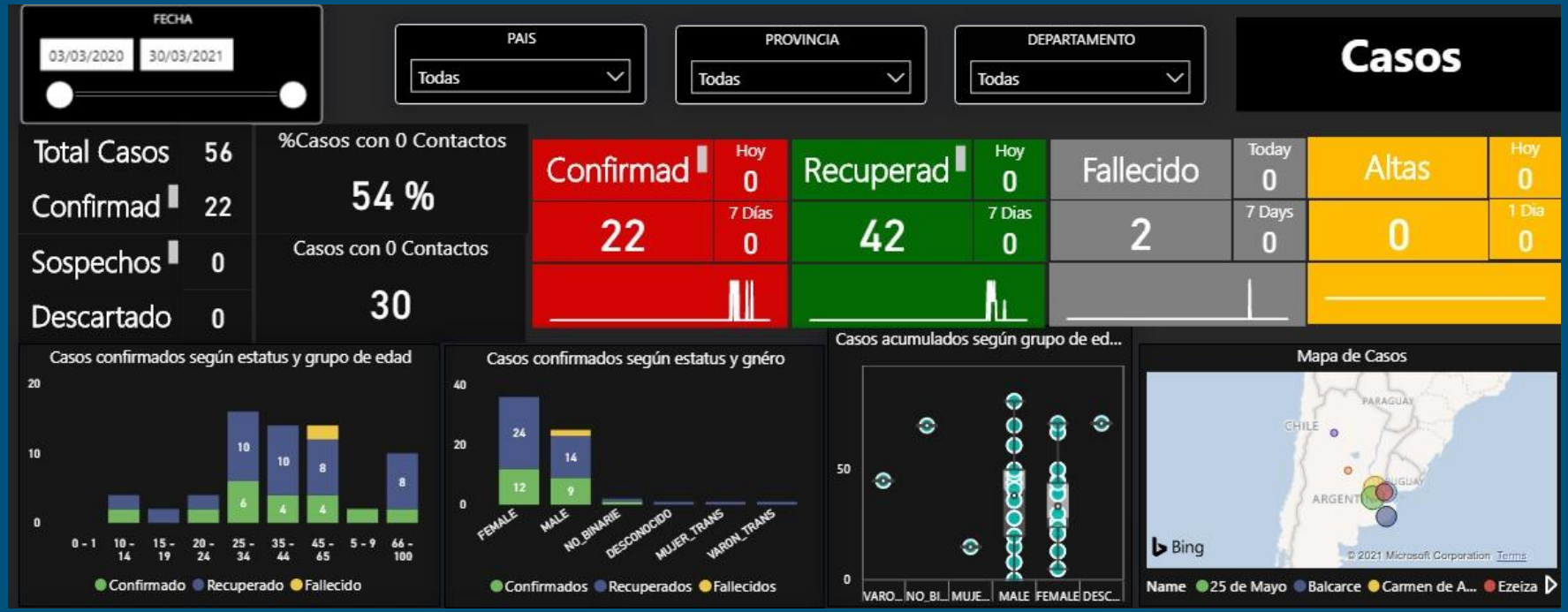
- **Go.Data installation in high availability**
- **Interoperability between SNVS and Go.Data**
- **Maintenance and upgrades**

salud Argentina unida

Stage 3: Systematic Implementation and Support

Trainings	Autonomy	Integration	Visualization
			
834 people from epidemiology teams in different provinces. 56 provincial teams, as well as residents and epidemiology researchers.	Local epidemiology teams and health centers determined to use Go.Data to strengthen their contact tracing strategies.	A unidirectional code has been implemented to migrate SNVS cases to Go.Data.	Development of provincial epidemiological dashboards to support subnational teams with key indicators and graphs. It complements what is provided by the situation room of the Ministry of Health.

Dashboard with SNVS data - Go.Data



Implementation challenges

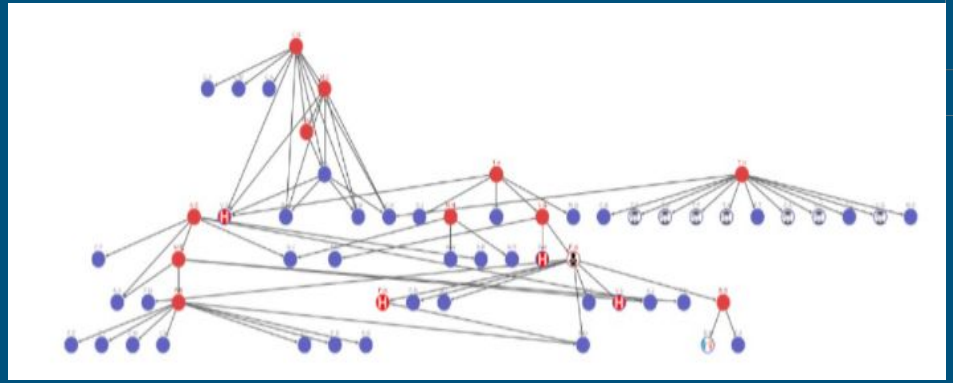
Logistics: - Teams overwhelmed in their capacity to respond to the COVID-19 pandemic. - Fear of the implementation of new technologies. - Multiplicity of digital tools.	**Technological**: - Large volumes of data. Use of containers.
Management: - Co-management with the 24 jurisdictions. Adoption, timing, unified criteria.	**Operations**: - Interoperability performance. Bidirectional model.

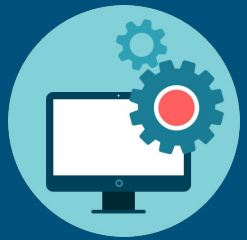
Projected implementation

- SNVS- Go.Data implemented for: TBC, Measles, Hantavirus and Leprosy.

- SNVS-Go.Data: consolidate the integration between the two systems.

- Consolidation of Go.Data focal points in each province.





Highlights of the implementation experience

The **structure of** the SNVS provided a solid ground to integrate Go.Data as a module for outbreak investigation and contact tracing.

Defining a **clear strategy** provided the framework for the structured implementation of Go.Data and established the foundation for its future use in other infectious disease outbreaks.

The **visualization** of data through dashboards provides information to monitor the pandemic and supports local teams to make timely decision.

Thank you

Go.Data Global Team PAHO/WHO, GOARN

Go.Data National Team Ministry of Health of the Nation - DNE -DNGISS

Contact godata.snvs@gmail.com

salud Argentina unida