

Digital Data Packages for COVID-19 Surveillance & Response



University of Oslo | 29-30 April 2020
Health Data Collaborative WebEx Event

Demo : covid19.dhis2.org/demo

Information page: dhis2.org/covid-19

Community page: community.dhis2.org

Contact us: covid@dhis2.org

DHIS2: a sustainable platform for health information



DHIS2 in action

DHIS2 is in use all over the world. Check out different use cases with this interactive map.

Health Information System

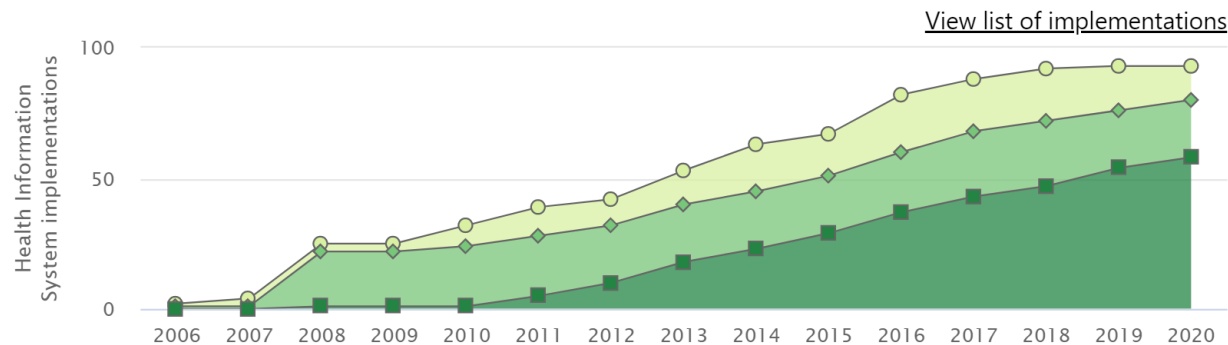
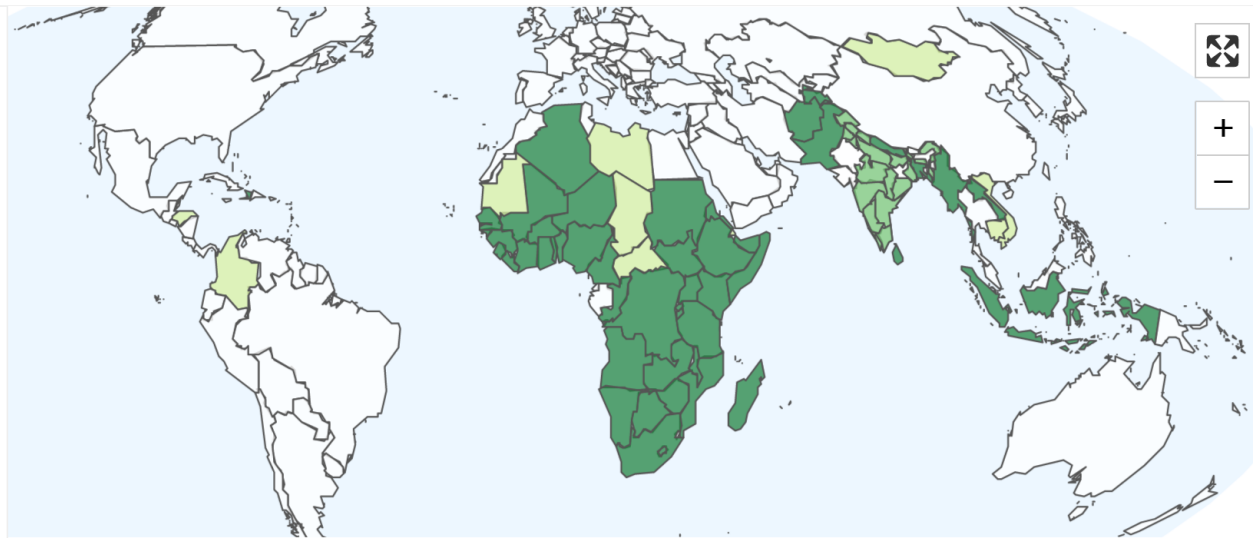
- National (58)
- Indian State (22)
- Pilot (13)

COVID-19

Tracker

Android app

Education Management Information System (EMIS)



Supported as a Global Public Good

Open source, entirely free of licensing fees

Global footprint: used by 72 countries

Scalability: national scale in 59 countries

In-country ownership

Community-driven software roadmap

DHIS2 Digital Data Packages

Package of reference data standards for countries to improve data quality, analysis and use

STANDARDS FOR MEASUREMENT

- Core indicators and metadata
- Data quality metrics

METADATA REPOSITORY

DOWNLOAD 

DATA QUALITY REVIEW (DQR)



DOWNLOAD 

HEALTH SYSTEMS AND DISEASE-SPECIFIC MODULES

- Programme specific indicators and data elements
- Best practice dashboards, analyses
- Aggregate and case-based reporting
- Standard data entry forms/registers



MORTALITY

DOWNLOAD 



MORBIDITY

DOWNLOAD 



HIV

DOWNLOAD 



IMMUNIZATION

DOWNLOAD 



TB

DOWNLOAD 



EARLY WARNING

DOWNLOAD 



MALARIA

DOWNLOAD 

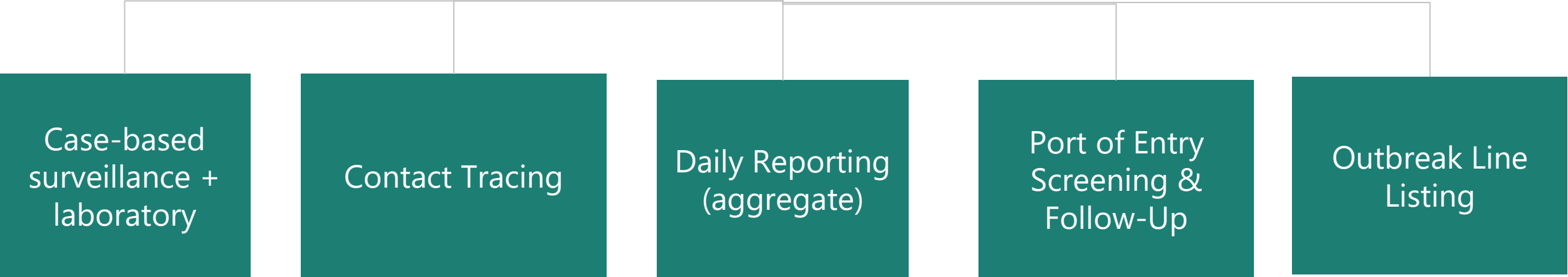


RMNCH

DOWNLOAD 

Rapid data-driven response

COVID-19 Surveillance Dashboards



Optimized data collection and field-based workflows

COVID-19 Digital Data Package Overview



Components are designed to install in combination or standalone according to country needs:

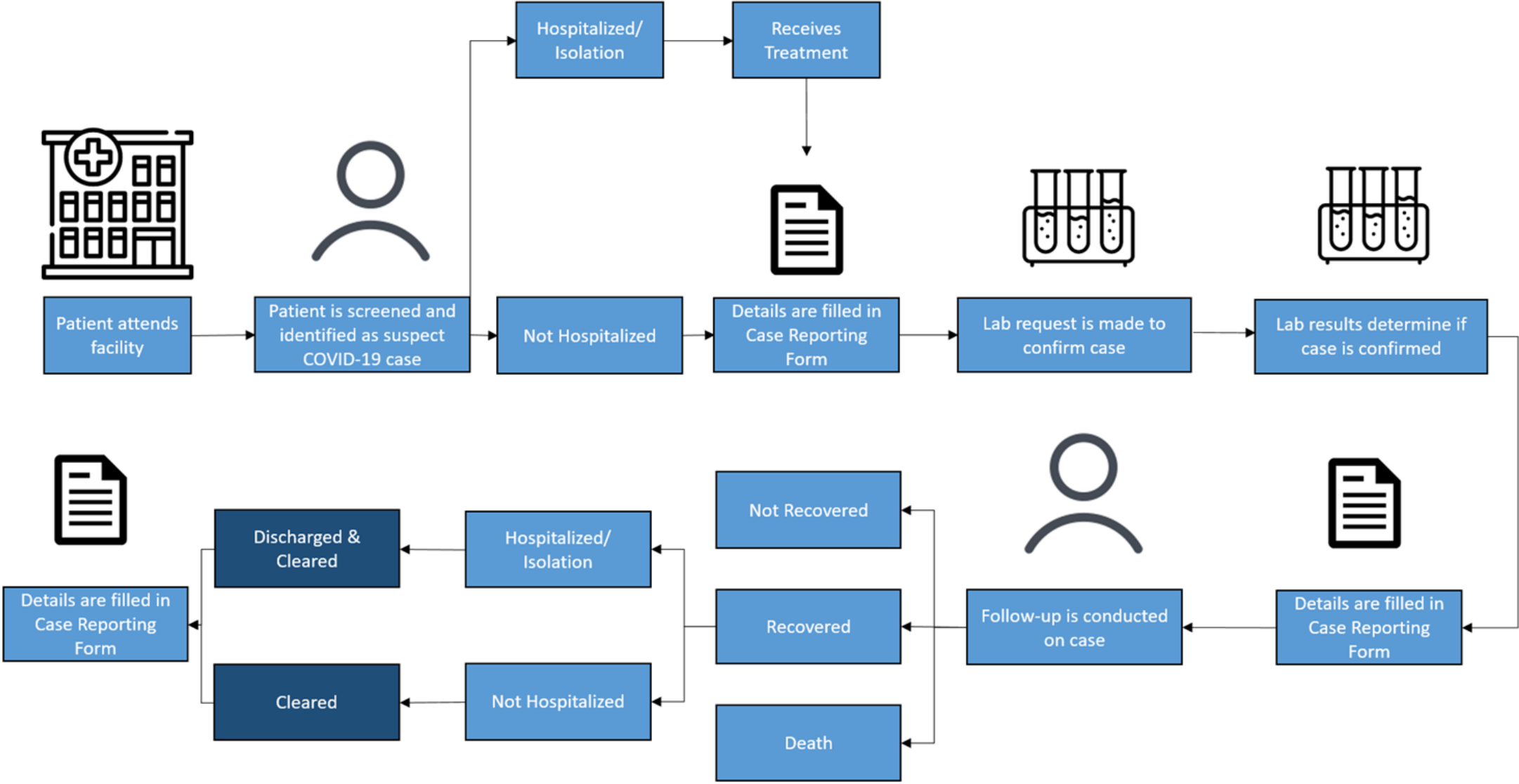
- **COVID-19 Case-based surveillance [tracker]:** enrolls & tracks suspected cases; captures symptoms, demographics, risk factors & exposures; creates lab requests; links confirmed cases with contacts; and monitors patient outcomes
- **Contact registration & follow-up program [tracker]:** strengthens active case detection through contact tracing activities, such as identification and follow-up of contacts confirmed COVID-19 case.
- **Ports of Entry screening & follow-up program [tracker]:** enrolls travelers who have visited high-risk locations at Ports of Entry for 14-day monitoring and follow-up.
- **COVID-19 Surveillance Event Program:** a simplified line-list that captures a subset of minimum critical data points to facilitate rapid analysis & response, particularly useful when caseloads or burden of reporting exceeds capacity for case-based surveillance tracker
- **COVID-19 Aggregate Surveillance:** an aggregate reporting dataset that captures minimum necessary data points for daily and weekly reporting

Global surveillance for COVID-19 caused by human infection with COVID-19 virus

Interim guidance
20 March 2020



Support for local workflows



Automated dashboards



01. COVID-19 Surveillance (Tracker)

☆ ⓘ Edit Share Add filter

Total Suspected Cases - Current year

COVID-19 Cas suspects
Pays de formation - Mois cette année

77

Laboratory confirmed cases - Current year

Cas confirmés par le laboratoire COVID-19 - par l'apparition des symptômes
Pays de formation - Année en cours

34

Total deaths (among suspected cases)

COVID-19 Décès (tous les cas suspects)
Pays de formation - Année en cours

15

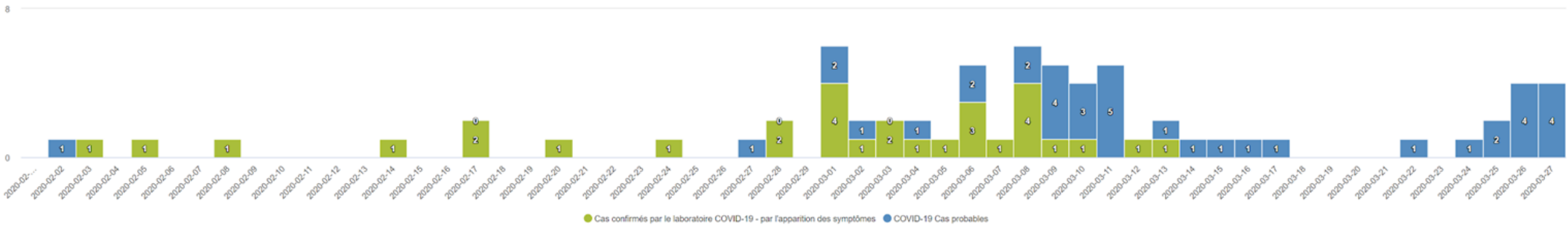
Total recovered (among confirmed cases)

COVID-19 Cas confirmés guéris
Pays de formation - Année en cours

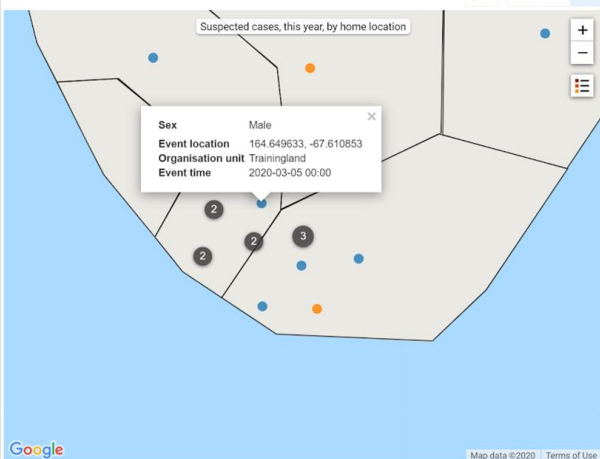
8

Total confirmed & probable cases (by date of onset of symptoms), last 14 days

Pays de formation

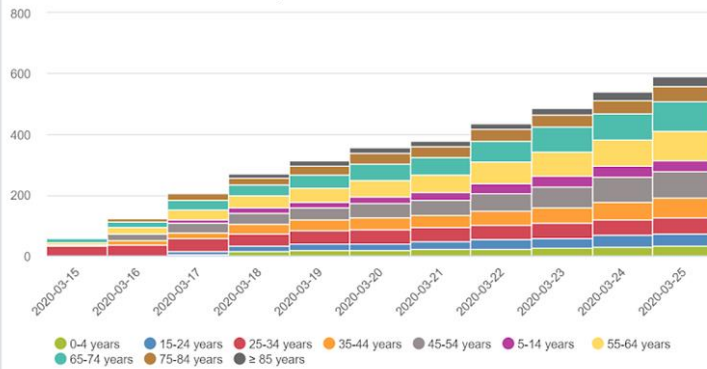


Suspected cases, this year, by home location



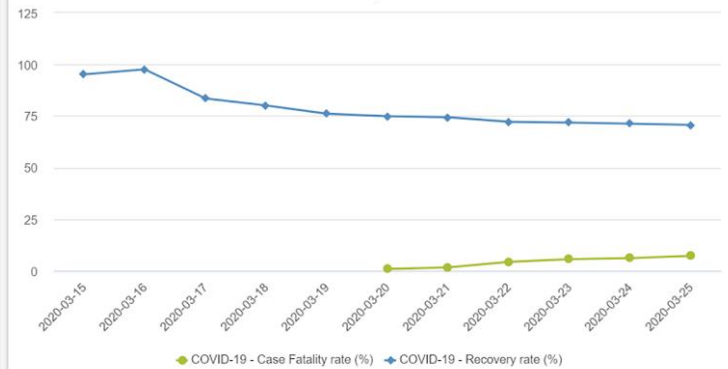
COVID-19 - Confirmed Cases by Age group last 14 days

Trainingland - COVID-19 - Confirmed cases

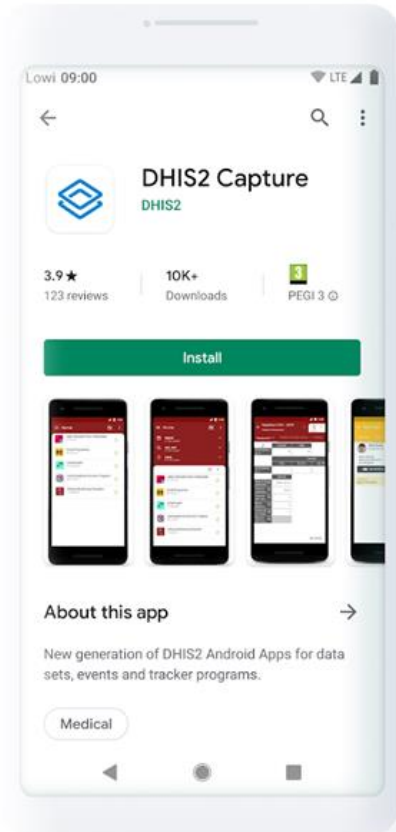


COVID-19 - Case Recovery and Fatality Rates last 14 days

Trainingland

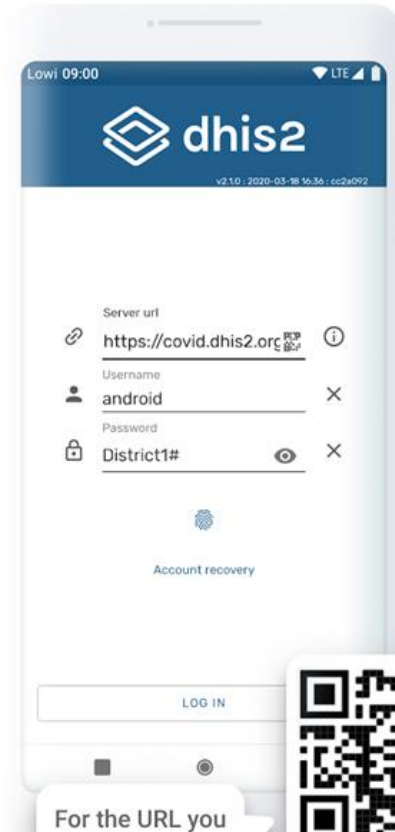


Natively integrated with DHIS2 Android App



Download

and Install the DHIS2 Android Capture App from Google Play

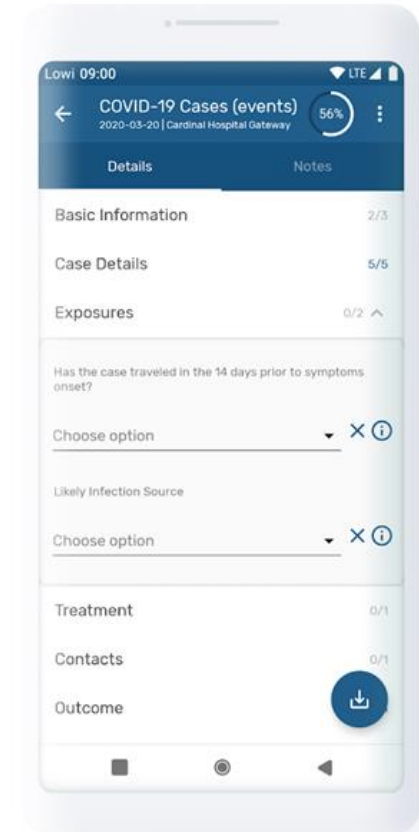
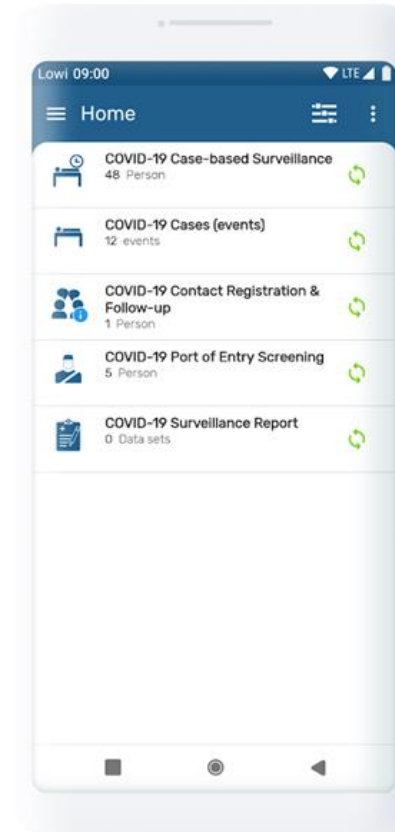


For the URL you can also scan this QR!



Log In and select your activity

URL: <https://covid.dhis2.org/demo>
USER: android
PSW: District1#



Go!

Test it out by registering your own demo cases!

Multi-Language Support



Signes et symptômes cliniques	
Des signes ou symptômes?	Oui
Date de début des symptômes	Search...
Fièvre	Oui
Toux	Non
Difficulté respiratoire	Inconnu
	Sélectionner ou chercher à partir de la liste

détails sur la grossesse	
Patiente est enceinte	Oui
Gestation (semaines)	
Trimestre de la grossesse	Sélectionner ou chercher à partir de la liste
Post partum (< 6 semaines)	Sélectionner ou chercher à partir de la liste

Current translations:

- French
- Spanish
- Portuguese
- Russian

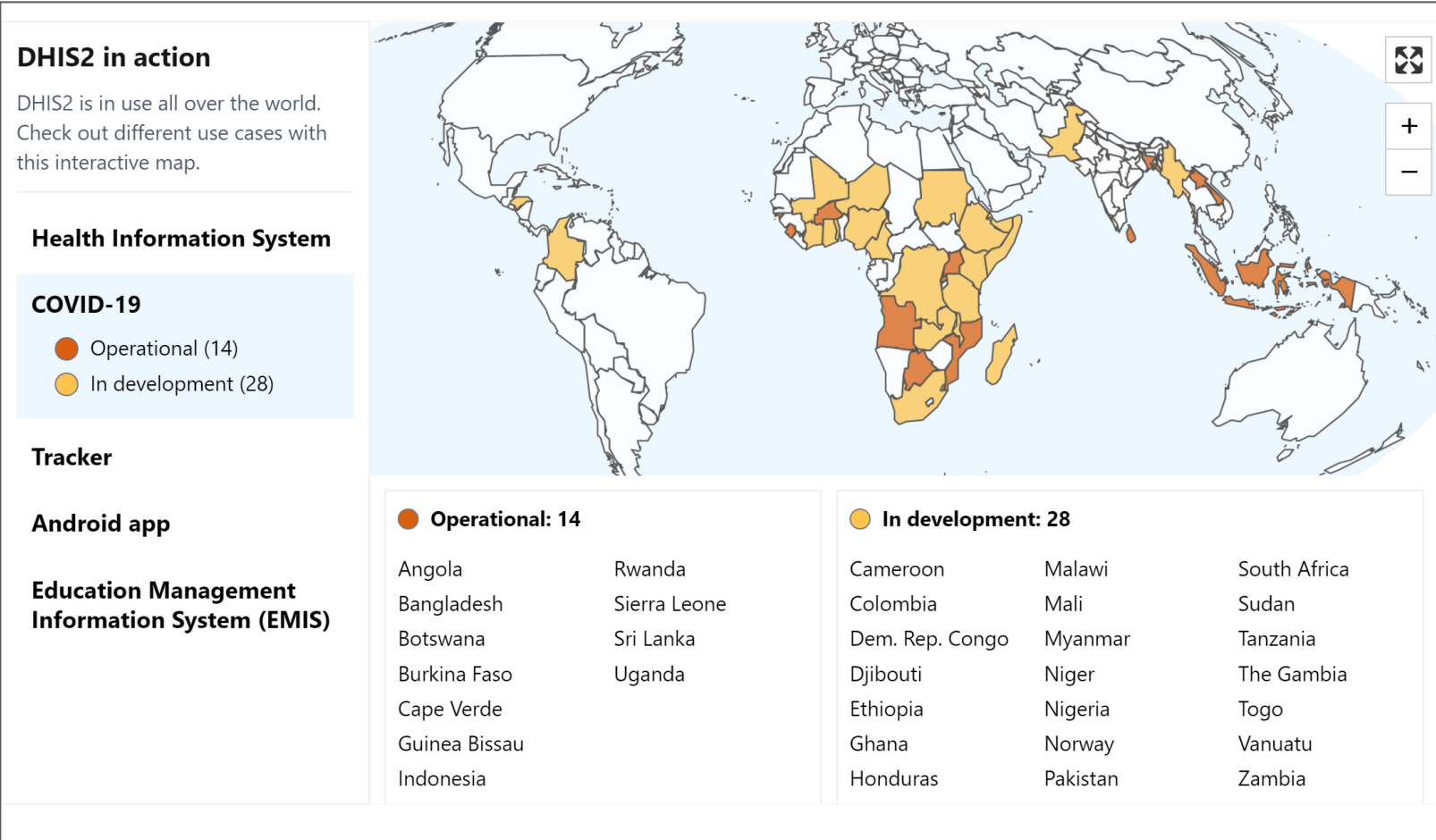
Languages in progress:

- Arabic
- Lao
- Burmese

Community-driven translation platform

- Contribute: translate@dhis2.org

Global deployment of COVID-19 data package



42 countries expressed interest in COVID-19 packages

24 countries have DHIS2 Android deployments

51 countries use DHIS2 tracker

71 countries use DHIS2 as HMIS (13 countries in pilot)

Supported by global HISP network located in 15 countries







Uganda COVID-19 Implementations Supported by HISP

HISP Uganda

Prosper Behumbiize, MPH, PhD
DHIS2 Implementation Adviser| HISP Uganda
prosper@hispuganda.org | prosper@dhis2.org | Skype: prospertb



East African COVID-19 Updates – 29th April 2020

Confirmed	Active	Recovered	Deaths	
965 +24	634 +14	306 +10	25 -	
Country	Total cases	Active	Recovered	Deaths
 Burundi	11	6	4	1
 Kenya	363	235	114	14
 Rwanda	207	114	93	0
 South Sudan	6	6	0	0
 Tanzania	299	241	48	10
 Uganda	79	32	47	0

More than half of the Active cases are Kenyans and Tanzanians who some in Uganda and otherwise returned back

Uganda Country COVID-19 implementation

- eIDSR has evolved with the launch of Global Health Security demo project in 2013 piloting the case notification, specimen tracking and linking of case to lab testing for VHF, Cholera and MDRTB
- HISP Uganda has been supporting a case based surveillance systems integrating human and animal in Uganda
- Uganda DHIS2 tracker based eIDSR has been configured to capture case notification, investigation, lab integration and case management for COVID-19
- Point of Entry data capture needs including travelers' tracking has also been added to eIDSR

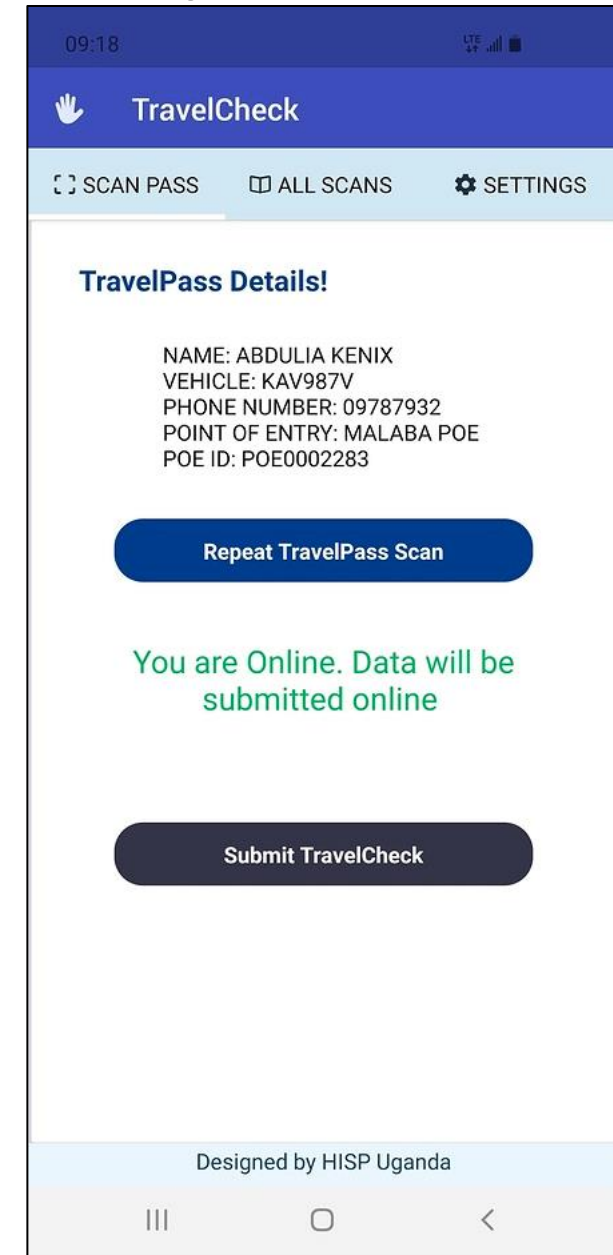
Uganda Country COVID-19 implementation

- eIDSR notifies on key human and animal notifiable diseases now including COVID-19
 - Notification – details about the notified COVID-19 suspects
 - Lab request – sample type and destination lab
 - Investigation – investigator details, travel history, signs and symptoms, underlying conditions, hospitalization and death if applicable
 - Lab results integration – test results, type of test and confirmed disease
 - Case management – daily physical exam, signs and symptoms, medication and test results
 - Case outcome – final outcome of the case

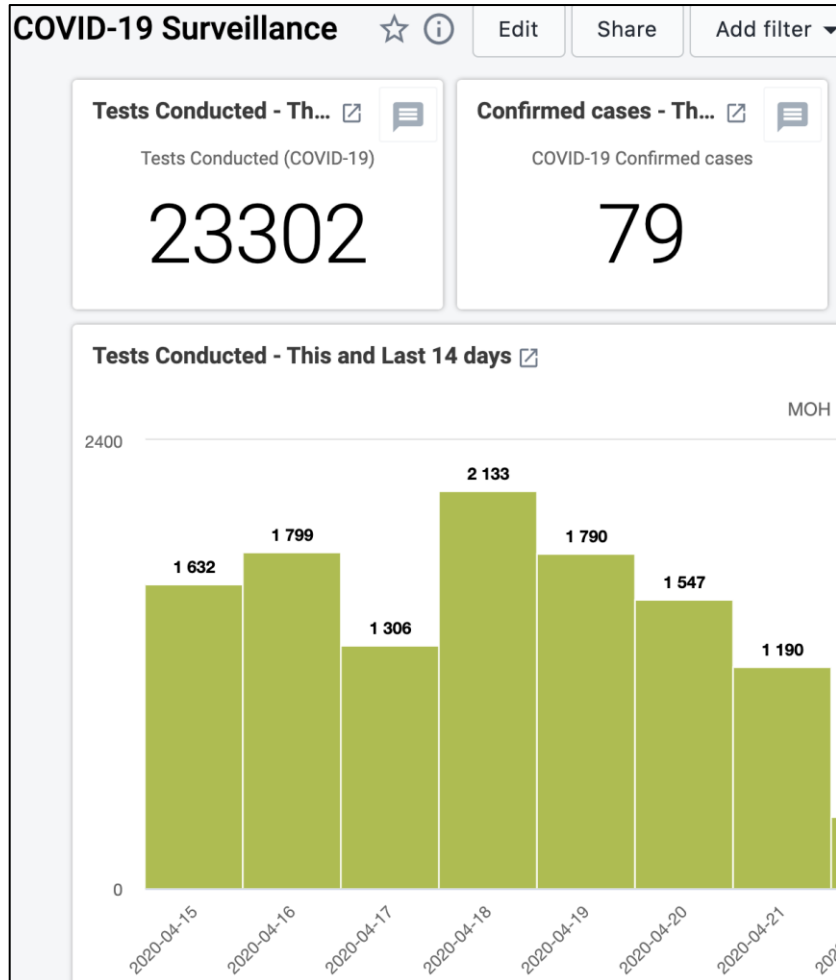
Case Investigation	Date of Investigation *	2020-04-02
Lab Request	Event point	0.3798278 32
Specimen Tracking	Investigator details	
Lab Results	Interviewer's Name	Peter Migidu
Case Magement	Interviewer's Phone	0786334242
Case Outcome	Interviewer's Email	pmigidu22@gmail.com
	Exposure and Travel Information	
	Occupation	Businessman/woman
	Has the patient travelled in the 14 days prior to symptom onset?	Yes
	Country, City 1	Kenya, Nairobi

Local innovation use cases – POE Data capture

- Point of Entry - additional module to support screening and clearance of travelers added to eIDSR.
- Mobile app fully integrated with POE data capture in eIDSR added to track travelers:-
 - Capture– Bio data, Identification, Photo ID, country of departures and travels in the last 14 days, destination and address in Uganda, and if; sample was collection, in isolation and clearance for travel among others.
 - Print Paper Pass for the travelers bearing their photo, QR scanned at different check points for updating POE systems on whereabouts of the traveler



Uganda Country COVID-19 implementation



- Delays in deployment resulted in creating aggregate capture to eIDSR to support aggregate reporting
 - Daily COVID-19 Situation summary – Aggregate information on Alerts, contact tracing, POE screening, samples and results, quarantine summaries, hospitalization and outcomes
 - Point of Entry aggregate summaries– screening and traveler by different countries of departures
 - Integration of Aggregate data from individual systems/tracker with aggregate available in dashboards

Challenges

- Over changing tools and data demands as the pandemic advances
- Very many cases needing investigation (incomplete)
- Delays and process in the lab to complete the full cycle of notification to lab resulting timely
- Too many systems in place
- Data scattered

DHIS2 COVID-19 Package Implementation

**Experiences from Saudigitus
(HISP Mozambique)**

Countries supported with DHIS2 COVID-19 Package in Lusophone Africa

Saudigitus (HISP Mozambique) is supporting the implementation of the package in:

- Angola
- Cape Verde
- Guinea-Bissau
- Mozambique
- São Tomé and Príncipe

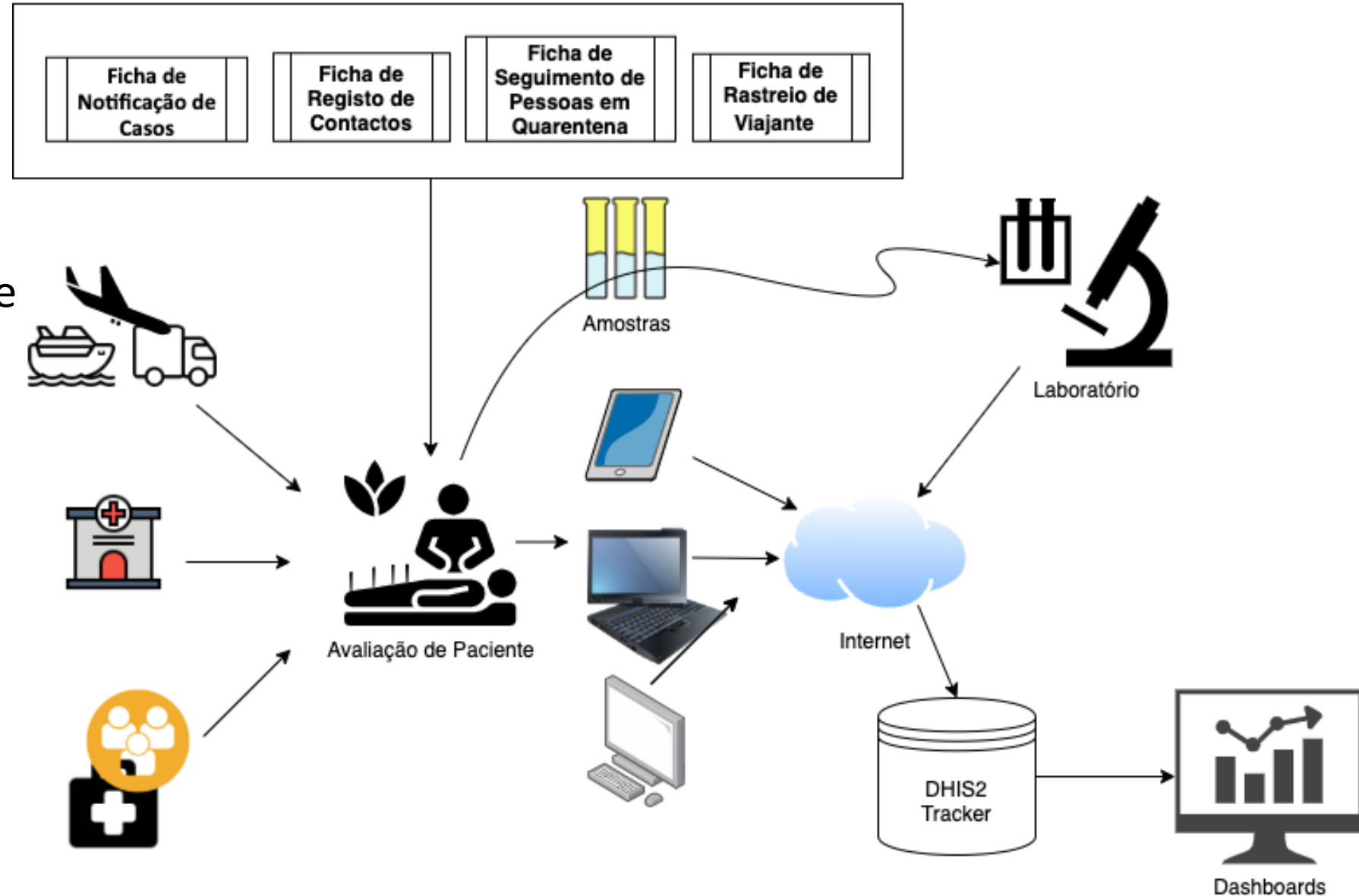
In each of the countries our support has focused mainly on the configuration of the package to capture case based surveillance data.

The DHIS2 COVID-19 Information System

Generic package was provided by HISP UiO;

In the countries the package was adjusted to meet MoH needs;

System captures data related to case notification, lab confirmation and screening in the points of entry.



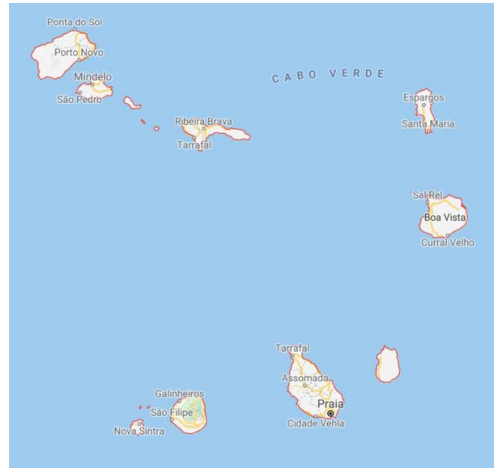
COVID-19 implementation status

Angola



- Full operational
- Implementation partners:
 - WHO
 - PSI

Cape Verde



- Full operational

Guinea-Bissau



- Full operational
- Implementation partners:
 - UNDP
 - WHO
 - WB

Mozambique



- Full operational
- Implementation partners:
 - USAID
 - UNFPA

São Tomé and Príncipe

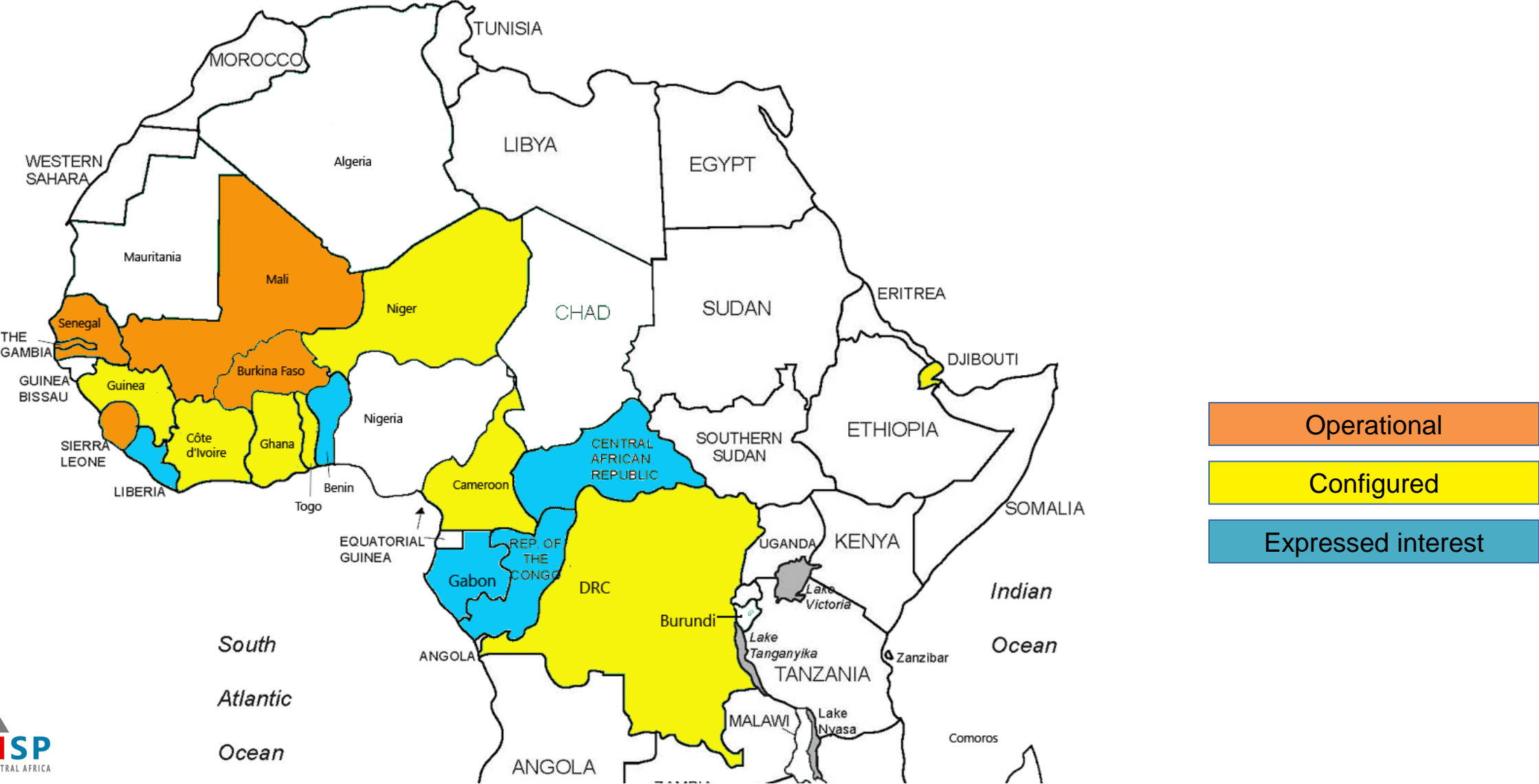


- Configured

DHIS2 COVID-19 packages implementation

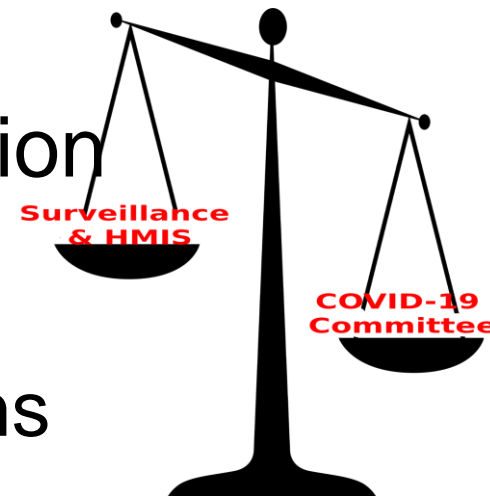
Experience from HISP West and Central Africa

Status of countries in our region



Lessons learned

- Rapidly changing requirements as countries try to stabilize their procedures
 - Additional changes may come if the magnitude of the outbreak changes
- Need to include new types of facilities: point of entries ..
- The packages have drastically shortened the customization time: from several weeks to 1 or 2
- Need to align partners to support the implementation
- New power dynamics:
 - COVID-19 committee vs surveillance and HMIS teams



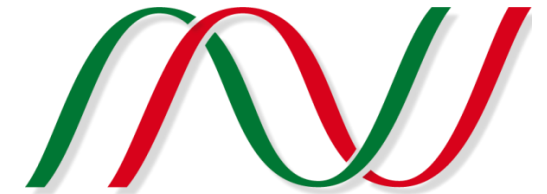
Local innovations

- Adaptation to new ways of working:
 - mixed online customization workshops
- More rules and action to contact tracing: testing
- Online clinical assessment to relieve call centers
- Involvement of new type of actors: CHW or Sentinel CHW

Remaining challenges



- The belief of needing new systems and organization for every new outbreak
- Need to see every new outbreak as an opportunity to strengthen the system
- Competing initiatives that are distracting
- Some countries are reluctant to have online systems



المعهد الوطني الفلسطيني للصحة العامة
The Palestinian National Institute of Public Health

Palestine COVID-19 Surveillance System

DHIS2 | Palestine Country Team – PNIPH & MoH



Who we are

- **WHO project** endorsed by the Palestinian government and president; will become an **independent governmental entity**
- **Evidence-driven institute** that aims to improve the health and wellbeing of the general public in Palestine
- Multi-sectoral **credible** source of **public health knowledge**

Partners

- **Norwegian Institute of Public Health (NIPH)**
- **University of Oslo**
- **DHIS2 HISP**
- **DHIS2 Community**

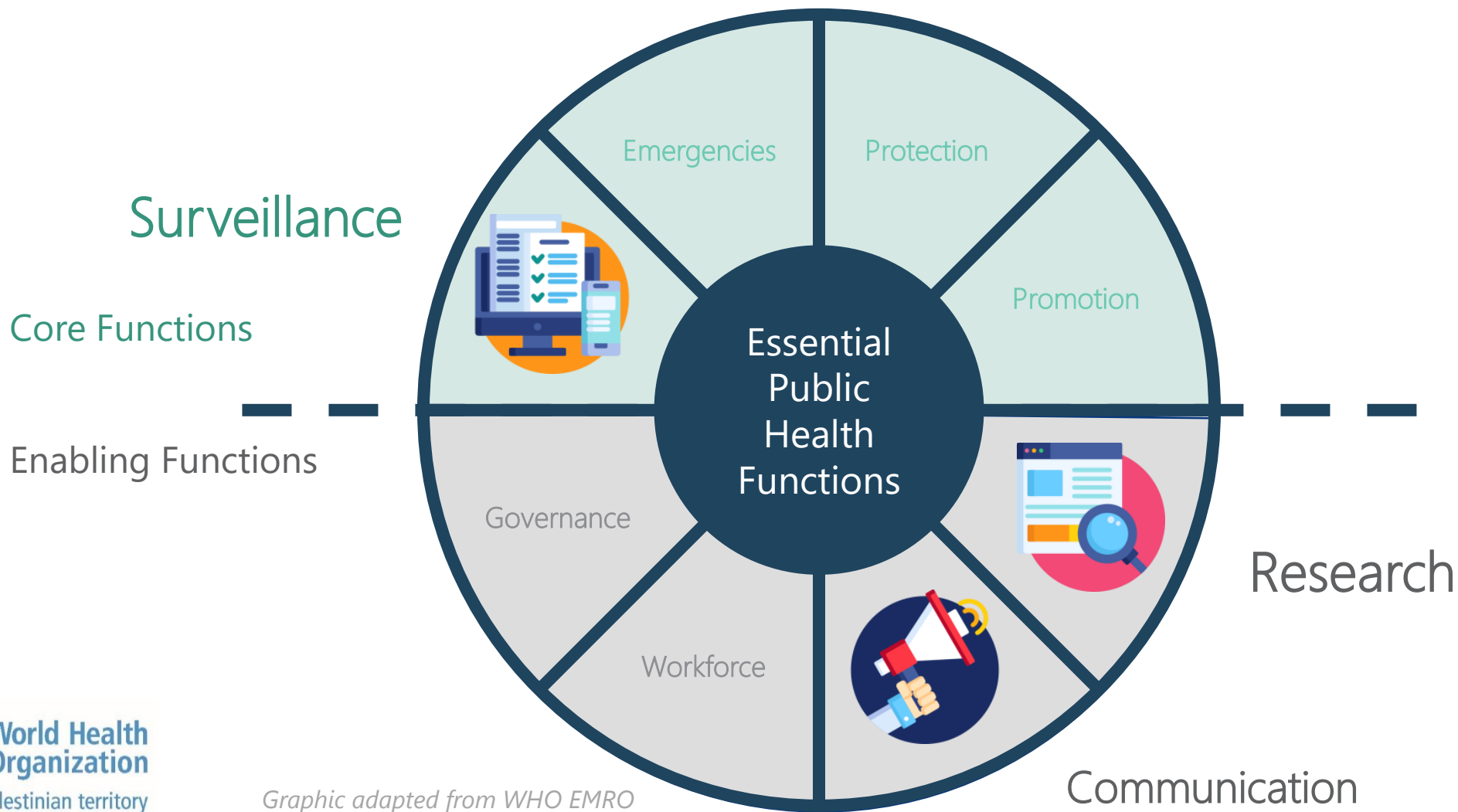
Vision

Better health and wellbeing for
all in Palestine

Mission

Strengthening national efforts to
generate and utilize evidence for
improving the health and
wellbeing of people in Palestine

Strengthening Essential Public Health Functions in Palestine



Palestine DHIS2 Milestones

2017

2018

2019

2020

**Bringing DHIS2
to Palestine**

**National Country Team
Formulation**

**Family Health
Information System**

**COVID-19 Tracker
Surveillance**

MCH e-Registry

PNIPH
Capacity
Building

MOH
Capacity
Building

HMIS
development

Tracker-based
program
development
Mammogram
CBS

COVID-19 System: How it started

- PNIPH and MoH agreed on the need for a surveillance system
- DHIS2 programs were developed according to MoH needs, reflecting efforts to control the virus
- Programs took into account WHO case definitions and reporting for suspected and confirmed cases
- The DHIS2 Palestine Country Team helped shift the focus to COVID-19 crisis response
- The package was built with 4 Tracker Programs and 5 Event Programs

COVID19-Package Development

The package was built using two applications:

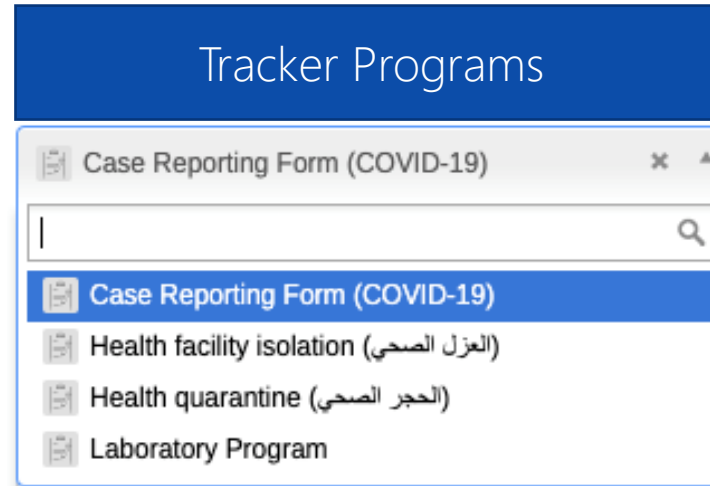
Capture / Event Programs	5 Programs
Tracker Programs	4 Programs

- Includes standard metadata aligned with WHO's technical guidance on COVID-19 surveillance and case definitions
- Supports surveillance workflows and automated analysis for key components of routine and active surveillance

COVID19-Package Development

The system covers the following areas:

- WHO suspected and confirmed investigation form
- Health isolation for positive cases
- Health quarantine for negative cases
- Laboratory testing



Tracker Programs

Case Reporting Form (COVID-19)

Case Reporting Form (COVID-19)

Health facility isolation (العزل الصحي)

Health quarantine (الحجر الصحي)

Laboratory Program

Capture / Event Programs

Program

Select program

- COVID19_Confirmed Cases(Event)
- COVID19_Health Staff Quarantine (E
- COVID19_Home Quarantine(Event)
- COVID19_Institution Quarantine(Even
- COVID19_Isolation(Event)
- COVID19_Laboratory (Event)
- Case Reporting Form (COVID-19)
- Health facility isolation (العزل الصحي)
- Health quarantine (الحجر الصحي)
- Laboratory Program

COVID-19: Implementation & Training

PNIPH Role

- Supervised implementation
- Helped assign MoH focal points for each program at the district level
- Developed 6 online virtual training videos
- Conducted training for each focal point
- Continuing to provide remote follow-up and support to ensure data quality

COVID-19 Surveillance System Training Video

The screenshot displays the DHIS 2 interface for a COVID-19 surveillance system. The top navigation bar includes the DHIS 2 logo, a search bar, and a user profile icon. The main content area is divided into several sections:

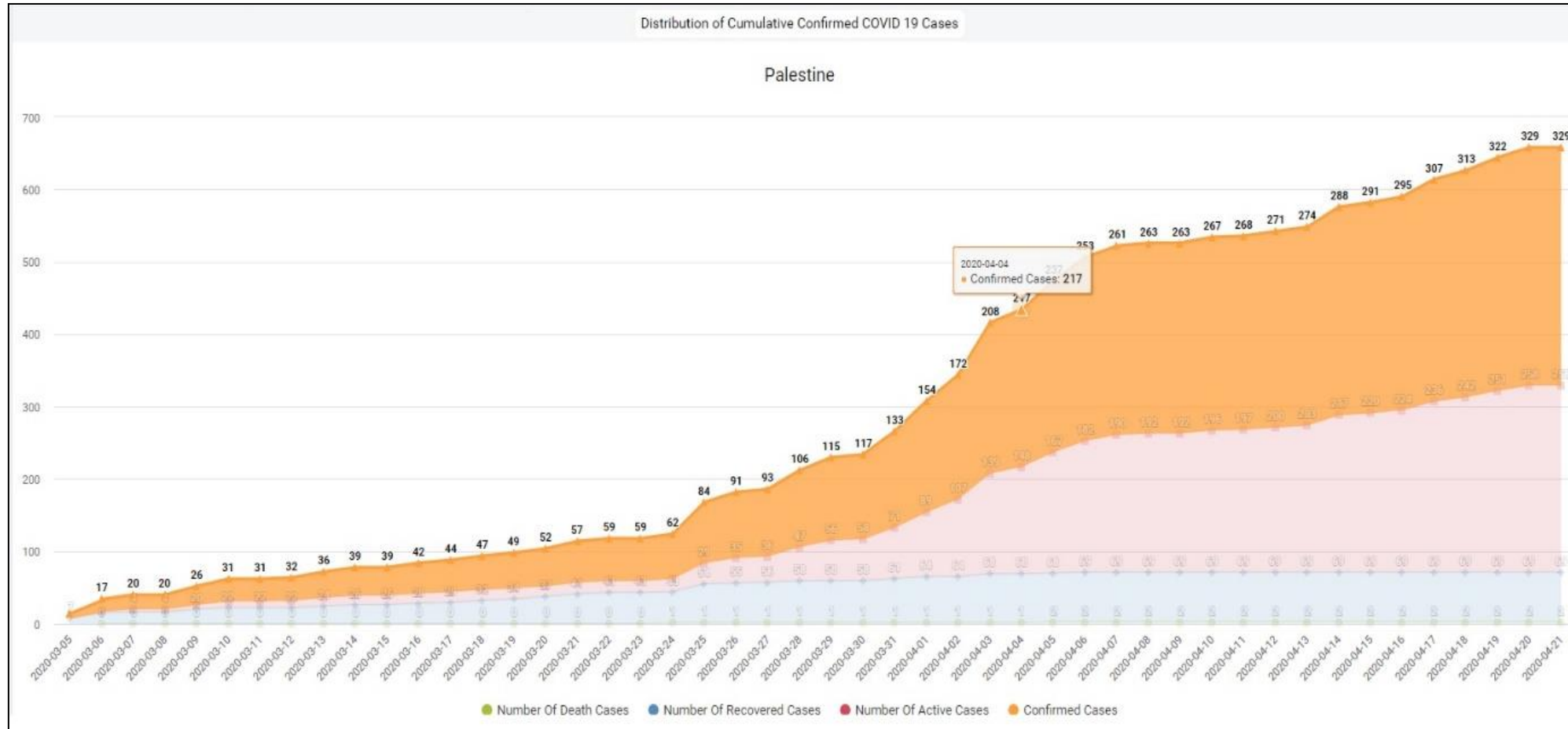
- Age:** A box showing "45 (Year) + 8 (Month)".
- Timeline Data Entry:** A horizontal flow of four boxes representing clinical events:
 - 2020-03-27: Test Locality Clinical Information (Completed)
 - 2020-03-27: Test Locality Exposure and Travel History (Completed)
 - 2020-03-28: Test Locality Case Management (Completed)
 - 2020-03-29: Test Locality Confirmed Cases (Completed)
- Report date:** A text input field containing "2020 03 27".
- Patient Clinical Course / Symptoms at Presentation:** A form with the following fields:
 - Symptoms: Radio buttons for "Yes" (selected) and "No".
 - Date of onset of symptoms: "2020 03 28".
 - History of fever / Chills: An unchecked checkbox.
 - Cough: A checked checkbox.
 - Diarrhea: A checked checkbox.
 - Sore throat: An unchecked checkbox.
- Right-hand Panel:** Contains demographic and relationship information:
 - Full name: [Redacted]
 - Age: 15/4 07, 45, 0, 20
 - Sex: Female
 - Phone Number (1): 0000
 - Relationships: A yellow box indicating "No relationships exist".
 - Notes: A text area with "Your note here" and "Add" / "Clear" buttons.

At the bottom of the screen, there is a video player control bar showing a play button, a progress bar at 2:36 / 12:38, and icons for settings, full screen, and other video controls. A small inset video in the bottom right corner shows a man speaking.

Dashboard: Real-time Indicators

- 70+ indicators developed
- Indicators are presented through tables, charts, and maps
- Information will support decision-making process

Dashboard Samples



Distribution of confirmed, active, recovered, and death cases; generated by the Palestine COVID-19 surveillance system

Dashboard Samples

COVID-19 Surveillance



Edit

Share

Add filter

Total Number of COVID 19 S...

COVID-19 Reporting cases
Palestine - This year

10827

Cumulative Cases of Home Q...

Health quarantine cases(Home)
Palestine - 2020

65008

Laboratory Requested ca...

Laboratory Requested cases
Palestine - Months this year

5913

Number of deaths

عدد حالات الوفاة
Palestine - This year

2.0

Health Facility Isolation c...

Health Facility isolation cases
Palestine - Months this year

22

Laboratory Confir...

Laboratory Confirmed cases
Palestine - Months this year

89

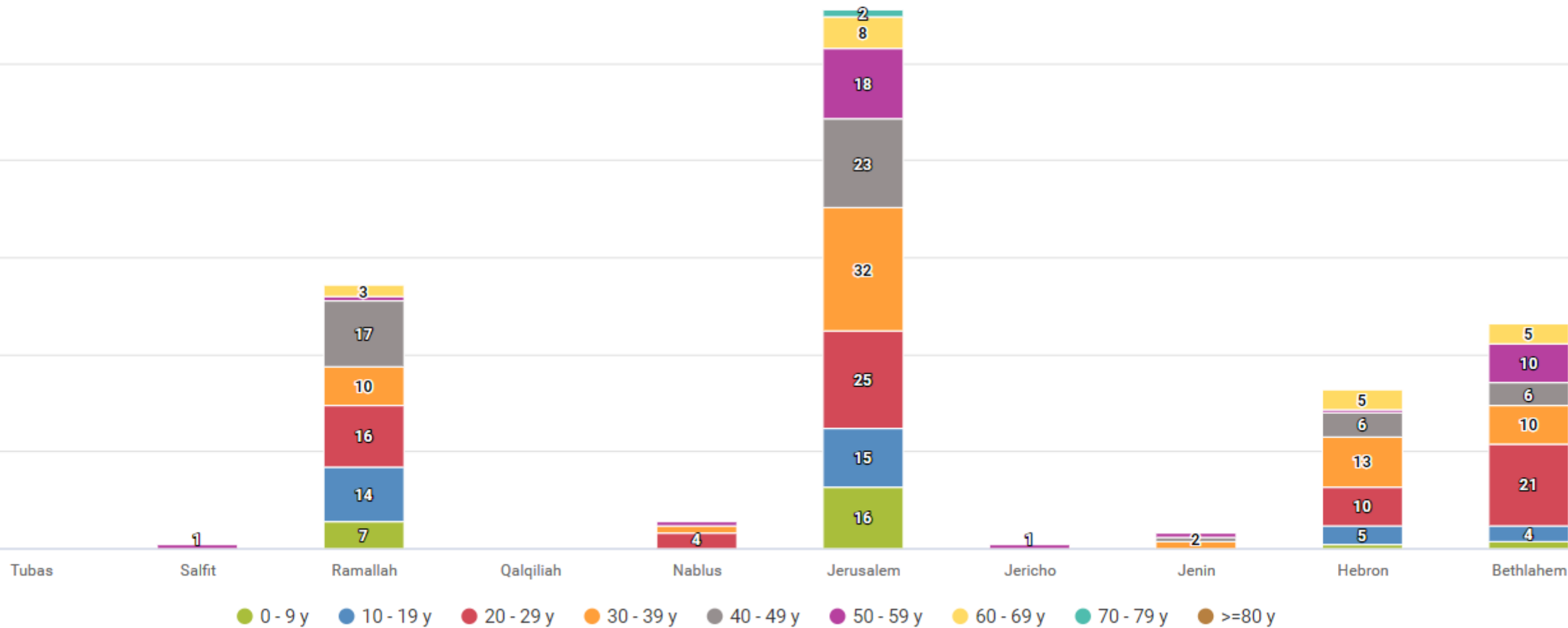
Confirmed Cases by Age Group

2020

Organization Unit / Data	0 - 9 y	10 - 19 y	20 - 29 y	30 - 39 y	40 - 49 y	50 - 59 y	60 - 69 y	70 - 79 y	>=80 y	Total
Jerusalem	16	15	25	32	23	18	8	2		139
Tubas										
Bethlehem	2	4	21	10	6	10	5			58
Jericho						1				1
Jenin				2	1	1				4
Ramallah	7	14	16	10	17	1	3			68
Qalqiliah										
Salfit						1				1
Nablus			4	2		1				7
Hebron	1	5	10	13	6	1	5			41
Tulkarm			4	1	1					6
Gaza		2	6			3	3	1		15
Total	26	40	86	70	54	37	24	3		340

Distribution of Confirmed COVID19 Cases by Age groups and Districts

توزيع الحالات المصابة بفيروس كورونا حسب الفئات العمرية والمحافظة
This year



COVID19_Confirmed Cases(E...
Apr 9, 2019 - Apr 9, 2020

Event



Boundaries

- Country
- District



OSM Light Basemap



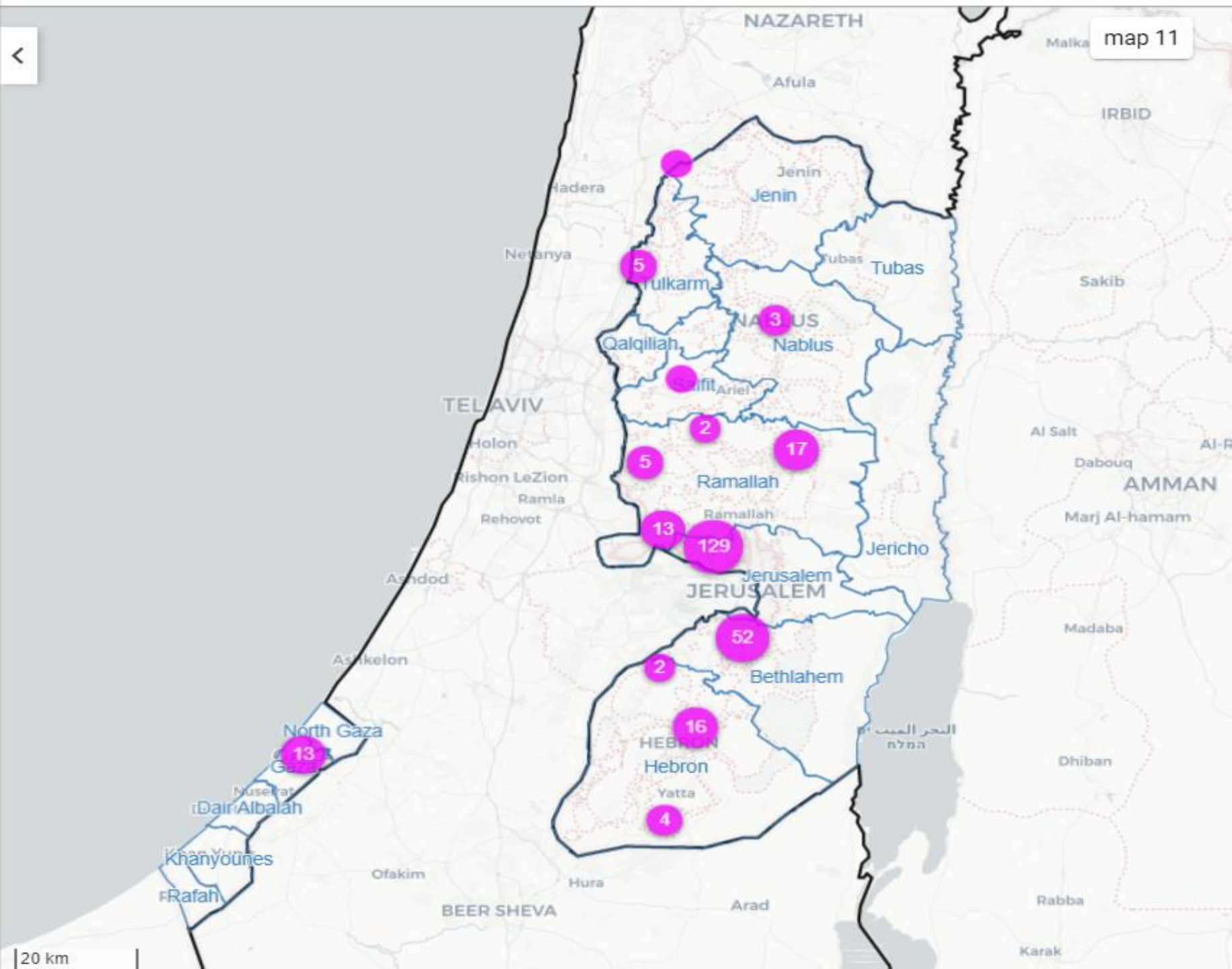
OSM Light

OSM Detailed



Google Streets

Google Hybrid



20 km

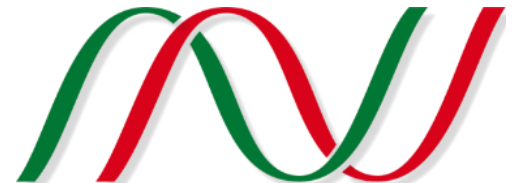
map 11

Thank you



World Health
Organization

occupied Palestinian territory



المعهد الوطني الفلسطيني للصحة العامة
The Palestinian National Institute of Public Health

Lao PDR – COVID-19 Surveillance System using DHIS2

HISP Vietnam | 30 April 2020
WHO Webinar for COVID-19 Response



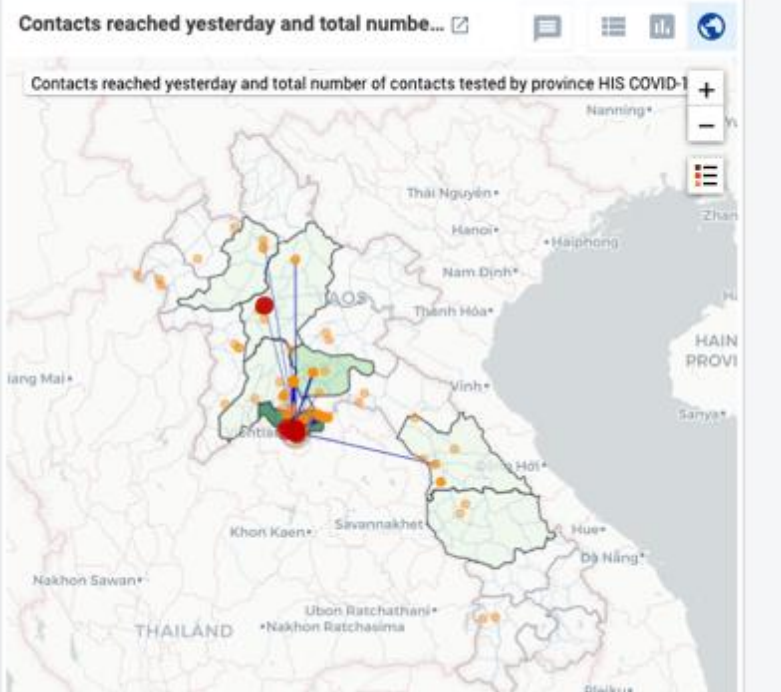
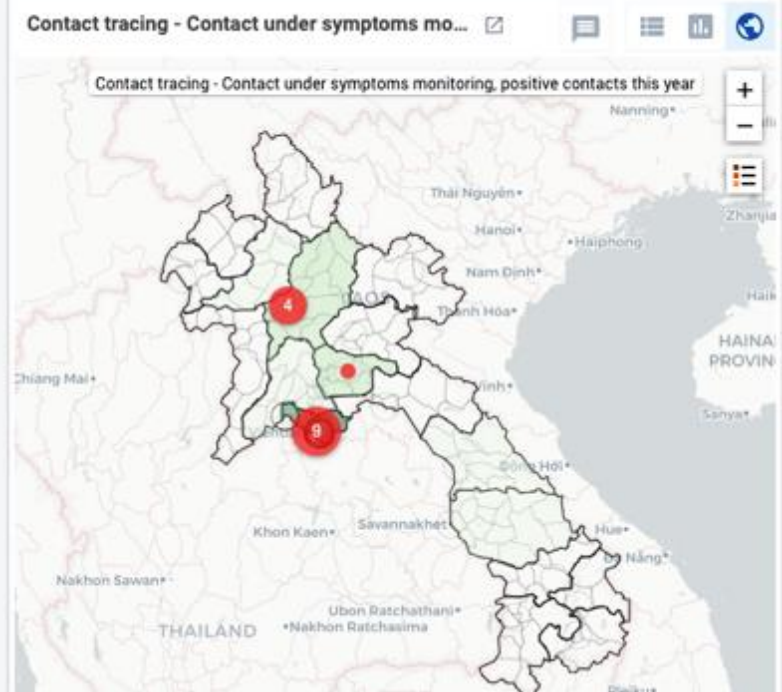
04. Contact tracing dashboard



Edit

Share

Add filter



Contact tracking dashboard

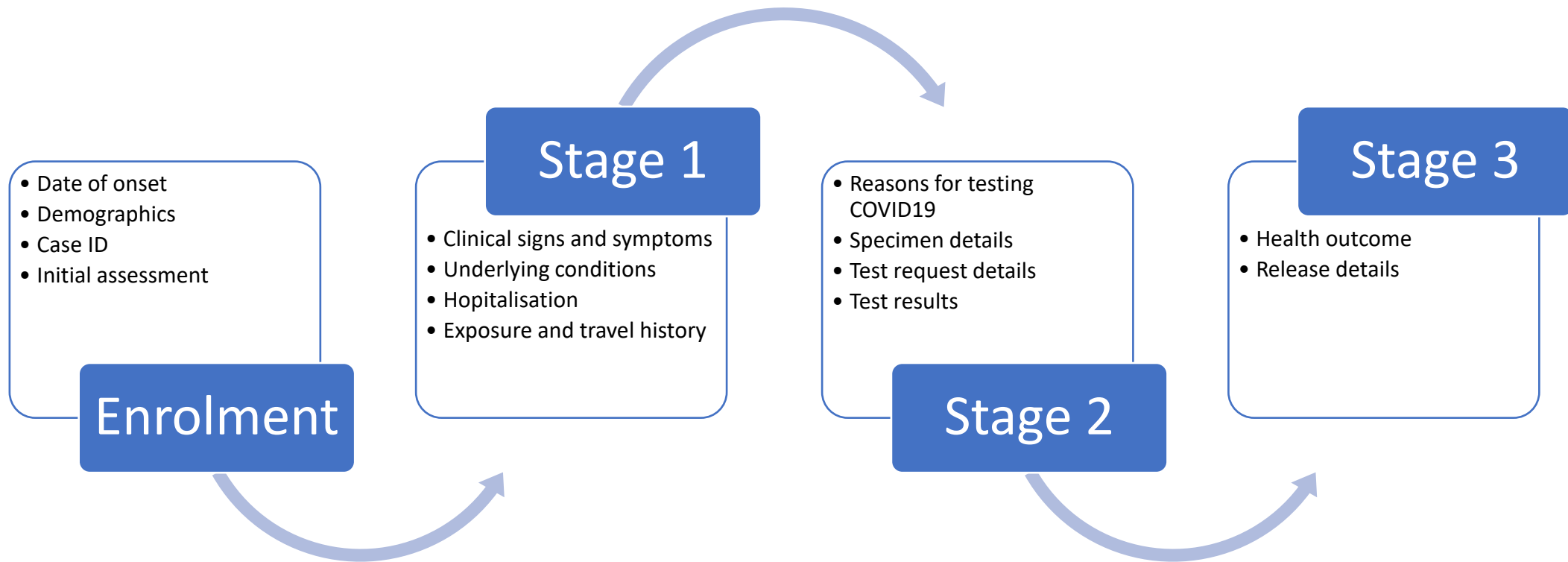
Background

- DHIS2 has been adopted as national HMIS system. Strong commitment from MoH and all health departments
- Active continuous support from WHO LAO and HISP Vietnam
- DHIS2 adopted Nationwide from 2014
- DHIS2 tracker program has been implemented since early 2018 for Malaria, TB and HIV ART program
- All villages and health facilities coordinates have been imported in DHIS2 to get location of patient address
- DHIS2 was adopted by National Centre for Laboratory and Epidemiology (NCLE) of the Ministry of Health for disease surveillance in 2019

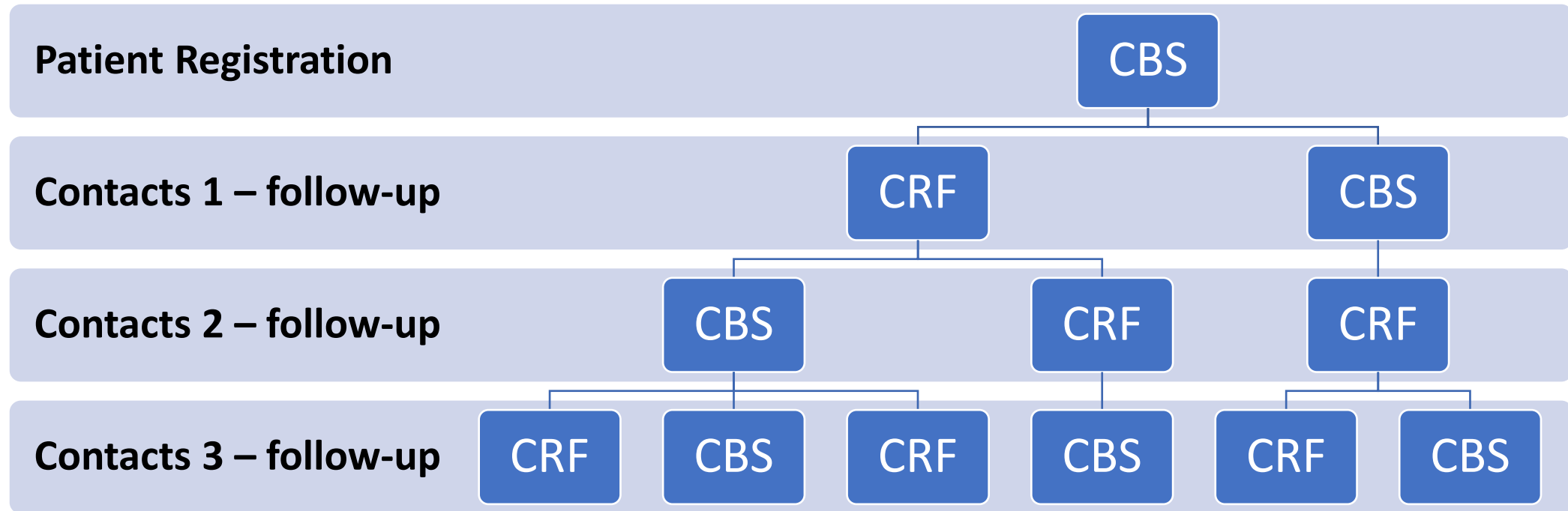
Process of adopting global dhis2 package to Lao-PDR

- WHO Lao team took initiative to demo global dhis2 package to NCLE, MOH
- HISP Vietnam in collaboration with NCLE, DPC and WHO Lao customized the global dhis2 packages to capture all parameters based on national case investigation forms
- Initial data collected in Excel was imported into DHIS2 to reduce workload
- SOP and Job aid manual was created and translated in Lao
- Capacity building done by WHO Lao and DPC.MoH Local DHIS2 core team
- WHO Lao along with NCLE created Covid Management and Contract tracking dashboard
- Data entry is centralized with Provincial Health Offices transmitting all case investigation forms to NCLE
- Currently: Completely used and owned by National Centre for Laboratory and Epidemiology (NCLE) of the Ministry of Health

COVID-19 Case Surveillance Tracker Program Structure



COVID-19 Case Surveillance Tracker Program Structure (Contacts & Relationships)



COVID-19 Case-based surveillance tracker: CBS

Contact registration & follow-up program: CRF

Challenges

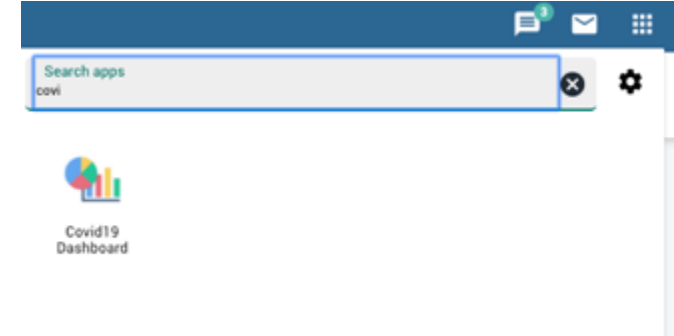
- Sustaining a heavily centralized system during a bigger outbreak would be challenging given the limited capacity at NCLE
- Quite a significant reporting burden given the comprehensiveness of the case investigation form
- Ministry of health seeking more visualization tools for contact tracing

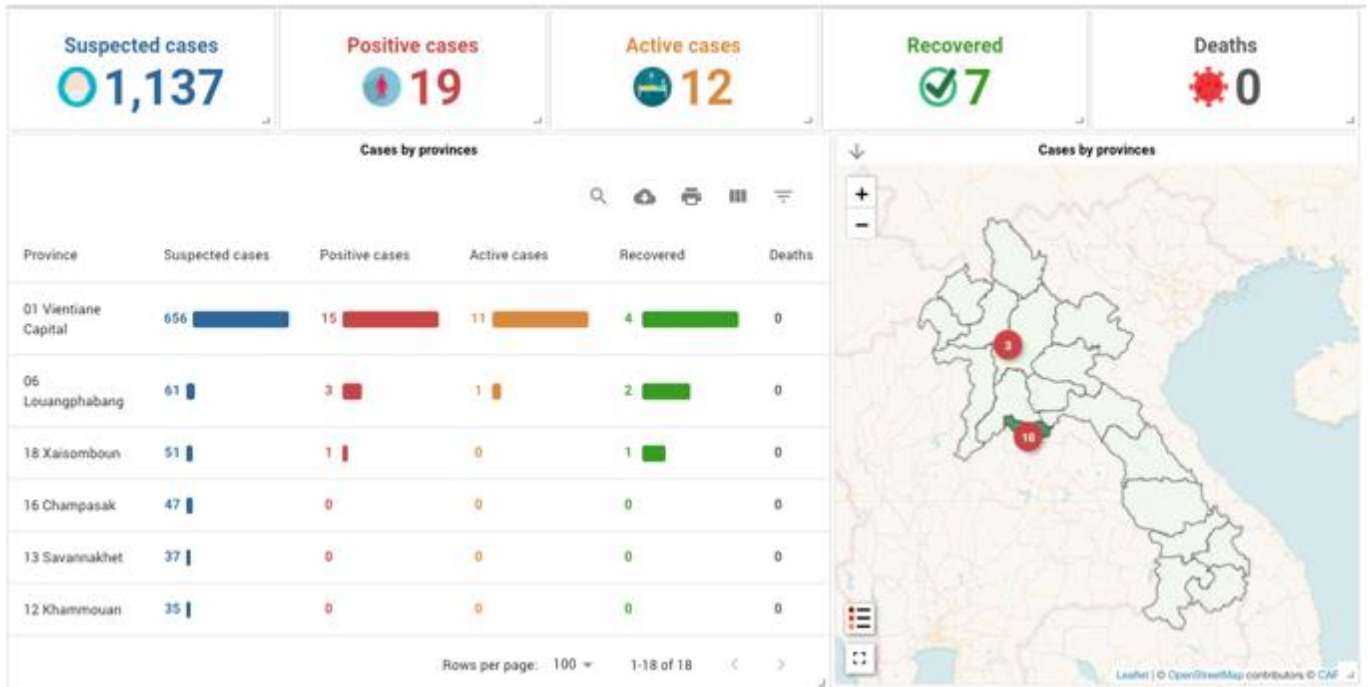
Future Plans

- Expand capacity at NCLE or expand to provincial data entry
- Introduce more advance visualization tools when available
- Build in additional treatment related data from hospitals
- Integrate SARI surveillance and triangulate SARI Surveillance, IPD/OPD data and notifiable diseases surveillance data as early warning system

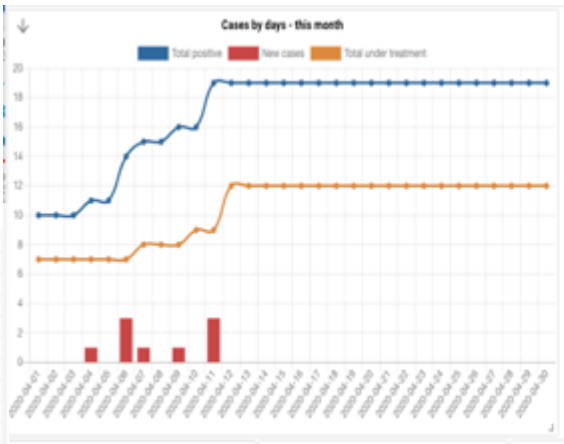
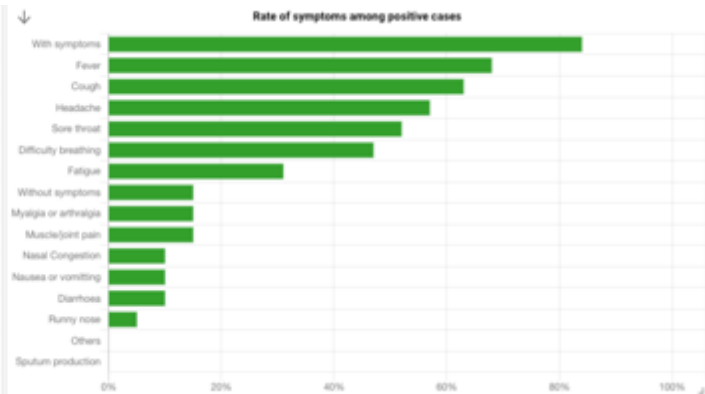
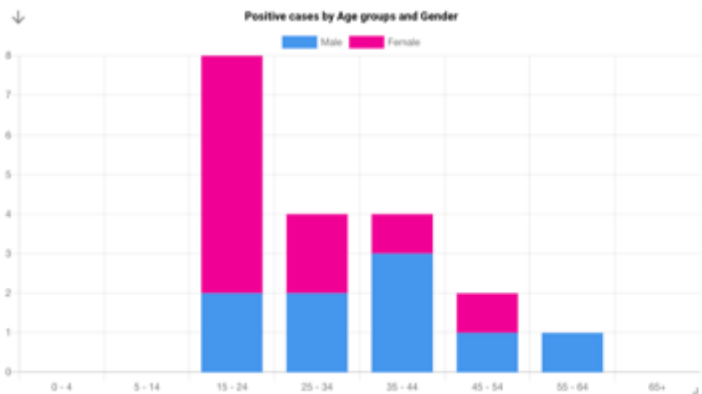
Addressing challenges on visualization tool

- HISP Vietnam in collaboration with WHO Lao designed and developed covid visualization app
- Learning from Lao use case towards building generic covid visualization app
- Combine covid case registration and contract tracking program
- Use of additional visulation tool and map to enance analysis capabililty including download option for further follow up.





Covid-19 visualization app developed by HISP Vietnam



Positive case details

Confirmed case No.	Status	Local case ID	Province	Sex	Age
19	Under treatment	0104-829	01 PHO Vientiane, C	Male	21
18	Under treatment	0102-793	01 PHO Vientiane, C	Female	32
17	Under treatment	0102-711	01 PHO Vientiane, C	Female	32

Covid-19 app – Positive case & their contact details

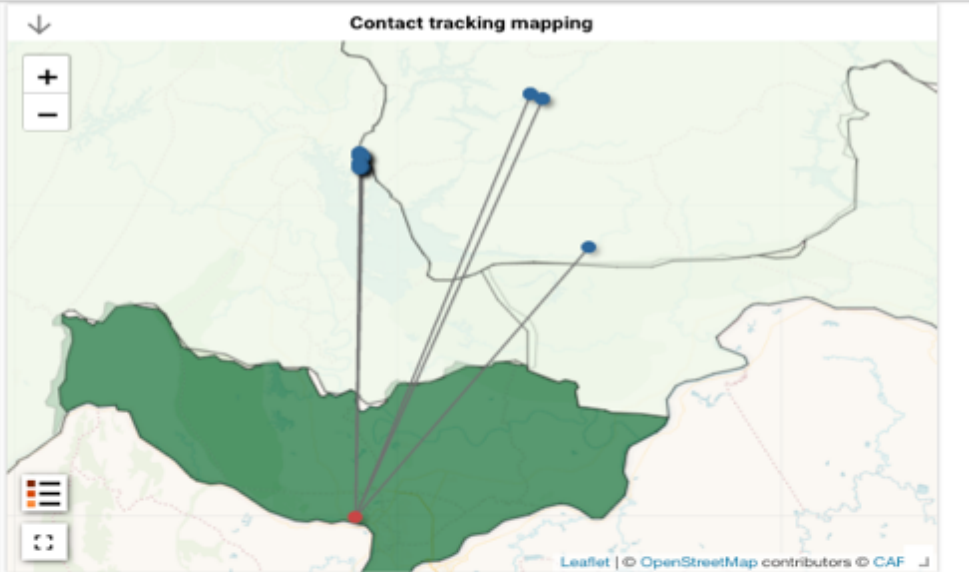
Contact tracking

Patients table

SHOW ALL

Confirmed Case No.	Sex	Age	Nationality	Province	Contacts
19	Male	21	Laos	01 PHO Vientiane. C	4 contacts
18	Female	32	Laos	01 PHO Vientiane. C	7 contacts
17	Female	32	Laos	01 PHO Vientiane. C	7 contacts
16	Female	23	Laos	01 PHO Vientiane. C	9 contacts
15	Female	20	Laos	01 PHO Vientiane. C	6 contacts
14	Female	19	Laos	01 PHO Vientiane. C	10 contacts
13	Male	40	Laos	01 PHO Vientiane. C	26 contacts
12	Female	20	Laos	01 PHO Vientiane. C	3 contacts
11	Male	55	Papua New Guinea	18 PHO Xaysomboun	34 contacts
10	Female	20	Laos	01 PHO Vientiane. C	17 contacts
9	Female	22	Laos	01 PHO Vientiane. C	16 contacts
8	Male	18	Laos	01 PHO Vientiane. C	18 contacts
7	Female	50	Laos	06 PHO Luangprabang	23 contacts
6	Male	42	Laos	06 PHO Luangprabang	10 contacts

Rows per page: 100 1-19 of 19



Contacts Patients table

Positive Case Number: 11 Sex: Male Age: 55 Nationality: 18 PHO Xaysomboun

Total Contacts: 34

SHOW ALL

Local contact id	Sex	Province
1801-433-216	Male	18 PHO Xaysomboun
1801-433-238	Male	18 PHO Xaysomboun
1801-433-221	Male	18 PHO Xaysomboun
1801-433-245	Male	18 PHO Xaysomboun

Rows per page: 100 1-34 of 34



Thank you



dhis2



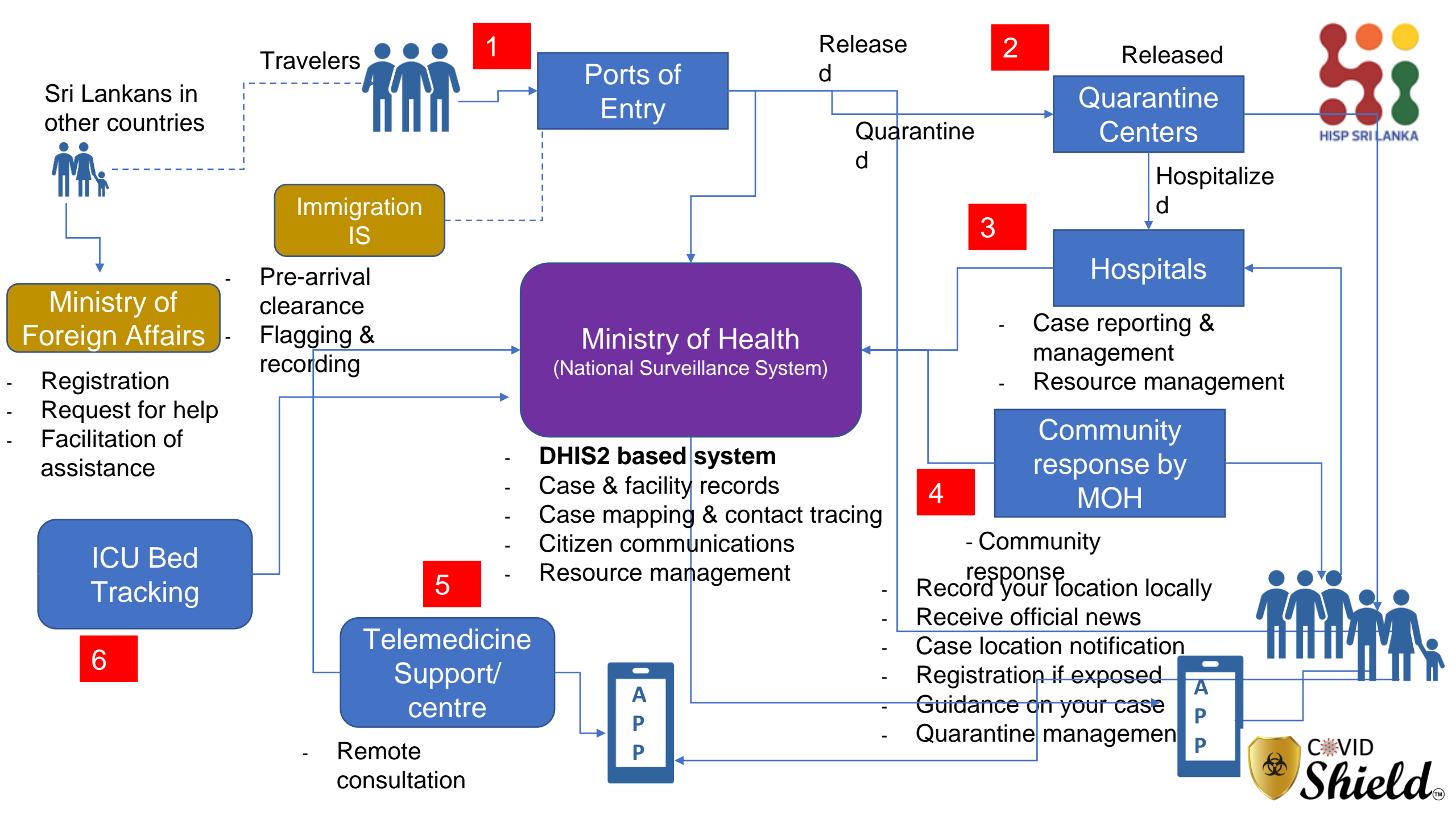
COVID-19 Packages and the Global HISP Network: Rapid Innovation in Sri Lanka

HISP Sri Lanka | 30 April 2020

WHO Webinar for COVID-19 Response

Principles in action

- Integration of existing solutions to solve the problem
- Cover all related needs by a single integrated system
- Rapid deployment
- Customization > new development
- Government initiative with multi sector stakeholders



Case management

Quarantine case management

Contact tracing and relationship mapping

**Comprehensive response support:
National COVID-19 Surveillance System**

Community response to manage suspects/contacts

Integrated telemedicine support

Resource management of hospitals

ICU bed availability

Collaborations

Local Innovations

Integrations

Integrations and New Developments

Integrations

- Immigration system
- Location info from telecommunication towers
- My Health Sri Lanka app
- COVID shield

Developments

- Contact-case mapping tool
- Tool to supporting addresses into community org unit assignment
- My Health Sri Lanka app
- ICU bed availability management

Tracing the places case/s travelled: integrated to tower information



Resource management

COVID19 Surveillance System of Sri Lanka

Search apps NL

COVID19 Surveillance

⌕

Sri Lanka

- Central PDHS
- Eastern PDHS
- North Central PDHS
- North Western PDHS
- Northern PDHS
- Sabaragamuwa PDHS
- Southern PDHS
- Uva PDHS
- Western PDHS
- CMC
- Colombo RDHS
 - BH - Mulleriyawa**
 - CSTH - Kalubowila
 - IDH - National Institute of Infec
 - MOH - Battaramulla
 - MOH - Boralesgamuwa
 - MOH - Dehiwala
 - MOH - Egoda Uyana
 - MOH - Gothatuwa
 - MOH - Hanwella
 - MOH - Homagama
 - MOH - Kaduwela
 - MOH - Kahathuduwa

Isolation Unit

Filter in section	Value
Total beds	
Beds occupied	
Total ventilators	
Ventilator occupied	
Building availability for proper isolation unit	

Needs

Filter in section	Value
Needed PPEs	
Needed Face Mask (Normal)	
Needed Face Mask (N-95)	
Needed Surgical Glove	

✕ BH - Mulleriyawa - 2020-03-25 - No Data Element Selected

ICU bed tracking



COVID19 Surveillance National COVID19 Surveillance System of Sri Lanka - icu-bed-tracker

Sri Lanka

- Northern PDHS
- Southern PDHS
- Central PDHS
- Eastern PDHS
- Sabaragamuwa PDHS
- Uva PDHS
 - Moneragala RDHS
 - DGH - Monaragala
 - Badulla RDHS
- Western PDHS
- North Western PDHS
- North Central PDHS

Showing ICU Bed status at **DGH - Monaragala - General ICU** Configure Beds

Facilities	Expertise	Primary Contact
Intermittent Dialysis Available	Cardiologist Available Haematologist Available Microbiologist Available	Dr. John Doe +94771234568 +94717894562

6 5 4 Occupy Reserve View 2 1

COVID19 Surveillance National COVID19 Surveillance System of Sri Lanka - icu-bed-tracker

Sri Lanka

- Northern PDHS
- Southern PDHS
- Central PDHS
- Eastern PDHS
- Sabaragamuwa PDHS
- Uva PDHS
 - Moneragala RDHS
 - DGH - Monaragala
 - Badulla RDHS
- Western PDHS

ICU - Type ICU - COVID Type

ICU Distance TotalBeds AvailableBeds

DGH Mannar - General ICU	0	15	15
DGH Mullaitivu - General ICU	0	0	0
DGH Kilinochchi - General ICU	0	2	2
TH - Jaffna - Obs ICU	0	2	2
TH - Jaffna - MICU	0	7	7
TH - Jaffna - AT ICU	0	5	5
TH - Jaffna - CT ICU	0	2	2

Map Satellite

Integrated Mobile application

COVID-19 tracker

My Health Sri Lanka app



ICTA
ideas actioned



FUNCTIONALITY

What happens after installing

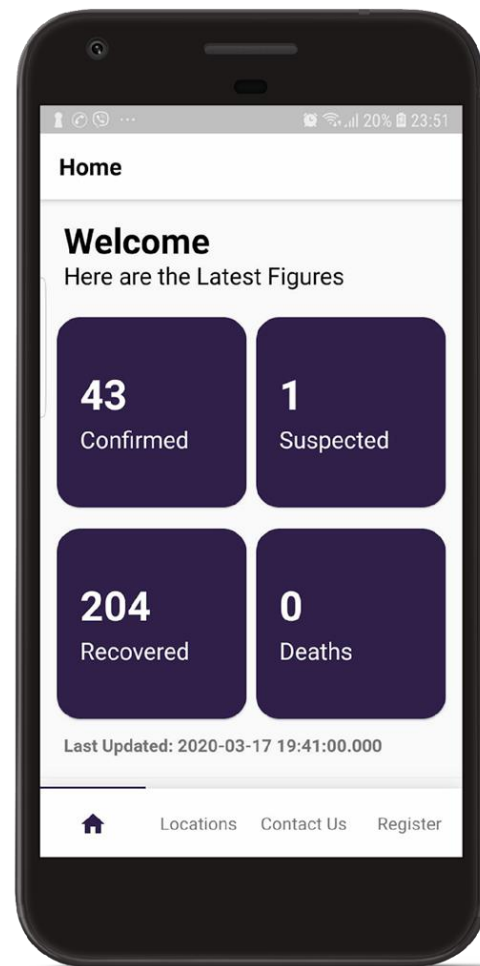
Receive official updates
and notifications from
Health authorities



Track your location
& update locally



Self-register in to the
COVID19 System



Provide personalized
messages

- Patients
- High risk



Emergency contacts



Thank You!

dhis2

Q&A

Resources & Contact Information

Demo : covid.dhis2.org/demo

Information page: dhis2.org/covid-19

Community page: community.dhis2.org

Contact us: covid@dhis2.org