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MINISTRY OF HEALTH-ETHIOPIA
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HEALTHIER CITIZENS FOR PROSPEROUS NATION



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ETHIOPIAN PUBLIC HEALTH INSTITUTE

PUBLIC HEALTH EMERGENCY OPERATIONS CENTER (PHEOC), ETHIOPIA

COVID-19 PANDEMIC PREPAREDNESS AND RESPONSE DAILY SITUATION REPORT ETHIOPIA

(Data reported as at 16:30hrs EAT (GMT+3), 06 April 2020)

06 April 2020

ISSUE
No

74

HIGHLIGHTS

- There is **1 newly detected COVID-19 case** bringing the total confirmed cases to 44 in the country.
- 4 of the COVID-19 confirmed cases have recovered.
- 2008 COVID-19 laboratory samples are tested so far.
- Of the 22 new rumors /alerts were received today, 16 fulfilled the suspected case definition.
- 123 new contacts of confirmed cases have been identified today bringing the number of contacts identified so far to about 992
- 3 alert cases are identified among the passengers under quarantine.
- 2,108 laboratory samples are tested so far for COVID-19. All the samples that were collected from the community tested negative for COVID-19.
- 57 international travelers were newly arrived last night and go in to the mandatory quarantine

COVID-19 NATIONAL UPDATE

2,605

Passengers under mandatory
quarantine

116

TRAVELERS
UNDER PHONE FOLLOW UP

781

RUMORS/Alerts
RECEIVED and INVESTIGATED

992

Contacts of the confirmed cases

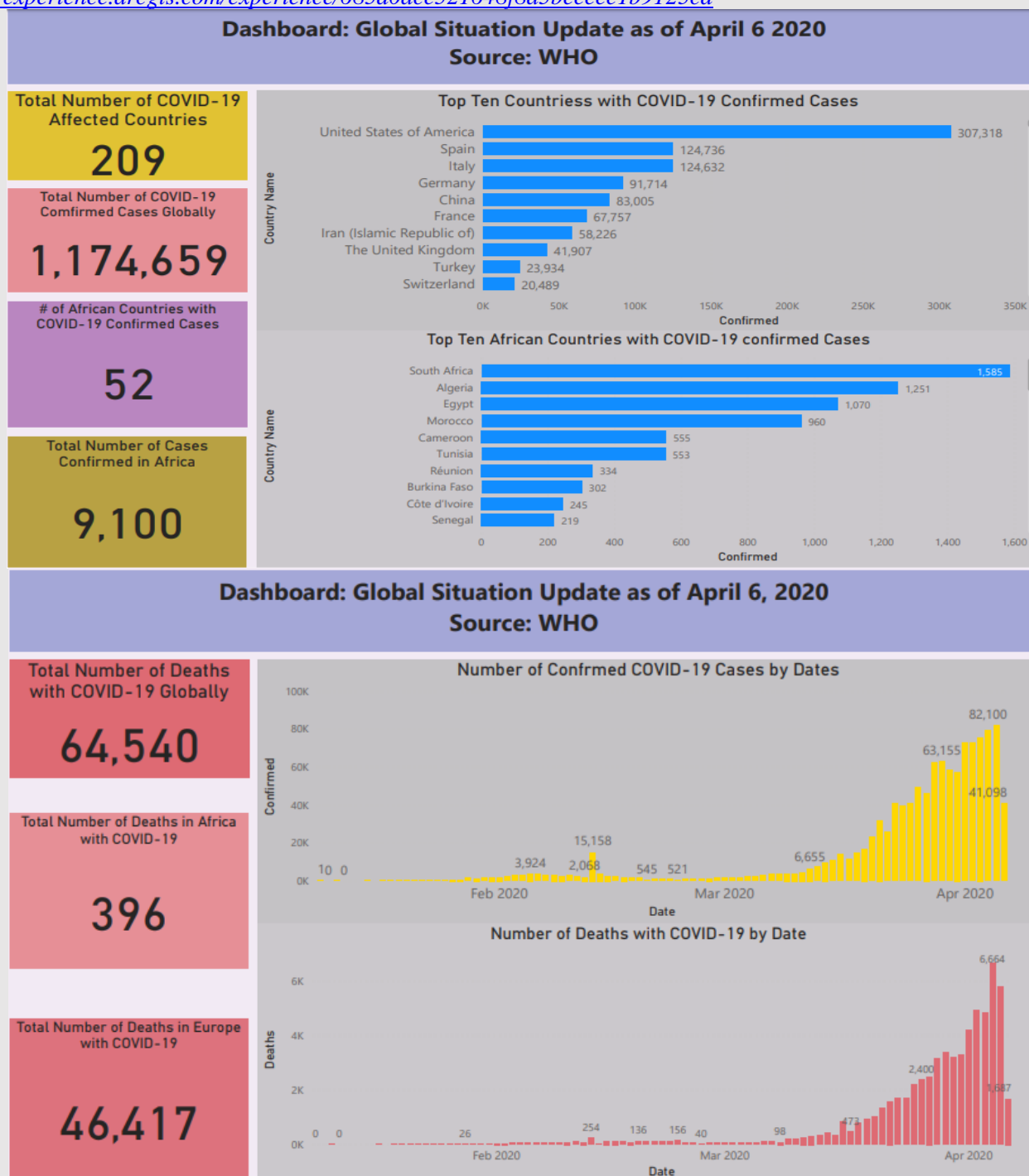
422

SUSPECTED CASES
DETECTED

COVID-19 GLOBAL UPDATE

Access link for WHO COVID-19 monitoring dashboard:

<https://experience.arcgis.com/experience/685d0ace521648f8a5beee1b9125cd>



MAJOR COVID-19 PREPAREDNESS AND RESPONSE EFFORTS IN ETHIOPIA

BACKGROUND

Ethiopia activated its IMS under the national PHEOC. WHO and its partners are currently supporting in scaling up preparedness efforts and implementation of related recommendations suggested by the IHR Emergency Committee. Different layer so coordination platform revitalized and the PHEOC is working collaboratively with various agency representative, Partners, Embassies, hospitality sector, Industrial parks and others. There is strong communication and updating from other countries through IHR-NFPs. The sub-national level is well engaged in the preparedness and response efforts. Joint regular media briefing sessions are being conducted.

COORDINATION and COLLABORATION:

- Daily morning and evening briefing of the IMS core staffs and agency representatives is being conducted on daily basis.
- Zoom meeting held with WHO AFRO team on the First Few Case Investigation implementation
- Meeting held with the Ministry of Finance and Economic Cooperation (MoFEC) to discuss on the economic impacts and budget allocation for the planning scenario

EPIDEMIOLOGY and LABORATORY SURVEILLANCE

Confirmed COVID-19 cases and death:

- One additional COVID-19 case detected, which bringing the total confirmed cases to 44 in the country.
- Four of the COVID-19 confirmed cases have recovered.
- A total of two COVID-19 deaths has occurred so far.
- One of the patients is getting care in Intensive Care Unit.

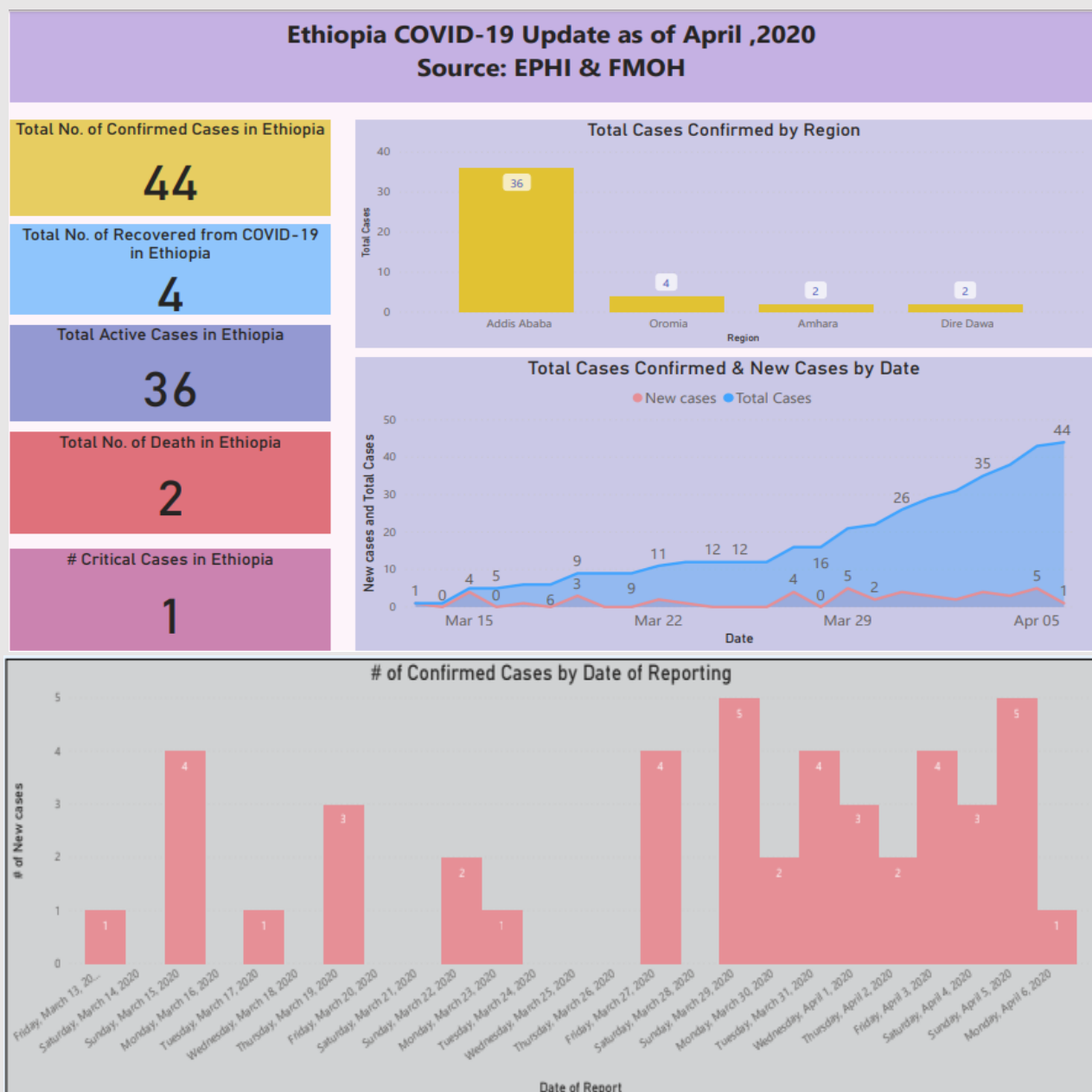


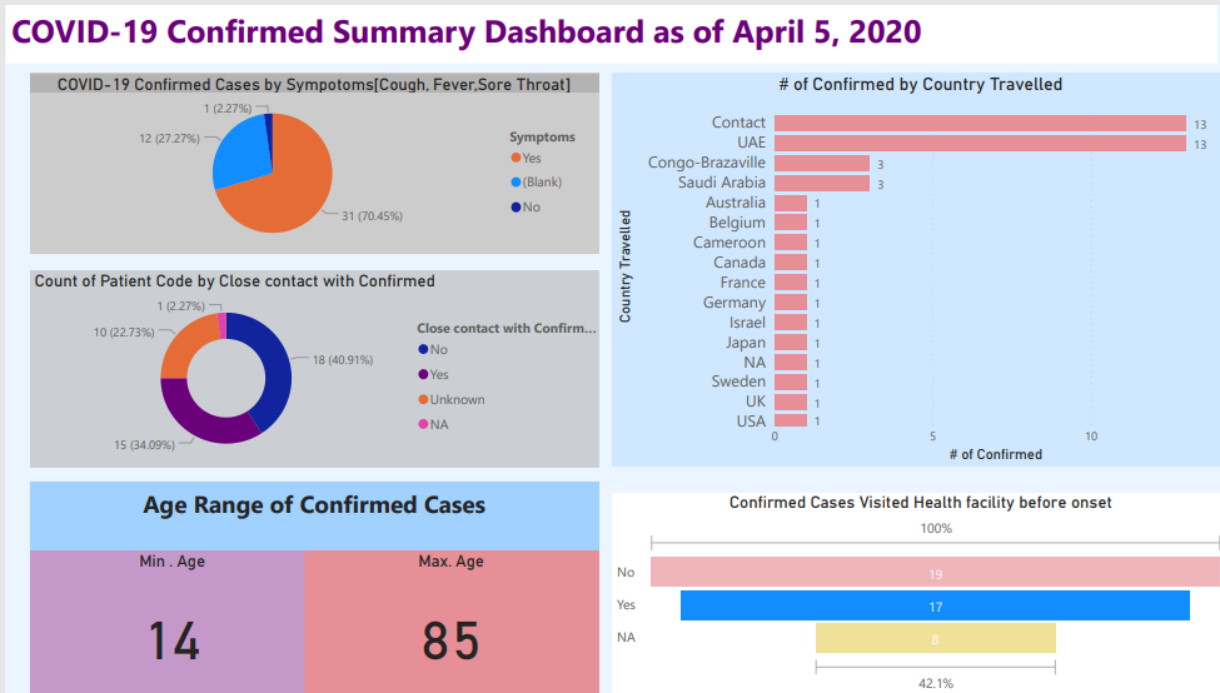
Fig: Epi-Curve of the confirmed case by the date of confirmation

Laboratory test:

- 101 laboratory samples are tested for COVID-19 in the last 24 hours; 32 of which are from SARI/Pneumonia cases from major selected hospitals in Addis Ababa
- So far, a total of 2,108 samples are tested from suspected cases, contacts of confirmed cases, SARI/Pneumonia cases from major selected hospitals in Addis Ababa and backlogged influenza samples.
- Of these 641 samples are collected from the community all off which are negative.

Contact tracing and follow-up:

- As of April 6, 2020:
 - A total of 992 (123 new) contacts of confirmed cases have been identified.
 - 400 (49 new) have completed the 14 days follow-up, while 576 contacts are still on follow-up.
 - 34 (1 new) contacts developed COVID-19 suggestive symptoms.
 - 13 of the symptomatic contacts were tested positive, which are among the currently existing confirmed positive cases.
- There have been no contacts lost to follow-up.



Rumors collection and verification from all sources

- As of April 6, 2020:
 - 781 rumors/alerts have been received and investigated. Of these, 22 rumors (16 via the call center) are reported today.
 - 422 rumors/alerts (16 new) have fulfilled the suspected case definition.
- On April 6, 2020, a total of 9,086 calls are received and responded via toll-free call centers.

Phone Follow-Up of Travelers

- As of April 6, 2020:
 - 116 travelers and discharged suspects are under follow-up.
 - 3,321 travelers (59 new) have completed 14 days of follow-up and graduated from follow-up.
 - There was one alert case detected during follow up.

Quarantined passengers follow up

- As of April 6, 2020; a total of 2,605 travelers are under mandatory quarantine at designated Hotels. Among these, 57 are new arrivals overnight.
- Three alert cases were identified today from passengers under quarantine.

PASSENGERS SCREENING

- A total of 2,828 passengers arrived into the country since March 23, 2020
- Follow up of the mandatory quarantine implementation for passengers coming from abroad via BIA is ongoing.
- Health screening for arriving international passengers is ongoing.

CASE MANAGEMENT AND INFECTION PREVENTION AND CONTROL (IPC):

- There are 36 active confirmed cases in the case treatment centers currently. Of these, two are under treatment in the designated treatment center in Bahir Dar, Amhara regional state and two are in Dire Dawa city administration
- One critical case is in the ICU and the remaining cases are on medical care in stable condition.
- 22 suspected cases are admitted today.
- 15 initially suspected cases are discharged after laboratory test became negative.

LOGISTICS, ADMINISTRATION AND RELATED ACTIVITIES:

- Resources demand is collected from different sections under the Incident Management System.
- 3500 bottles (100ml each) of Alcohol Based Hand Rubs are collected from St. Peter Specialized Hospital.

RISK COMMUNICATION:

- Key messages targeted for Islamic and Catholic religion followers designed and developed.
- Message targeted for children and youth psychosocial support developed.
- Press release on newly confirmed COVID-19 cases shared for the public in different national languages.

RTRAINING AND ORIENTATIONS:

- Full packages of COVID-19 training started for health professionals (3 physicians and 9 nurses) from Hallelujah Hospital, which is the newly identified treatment centers, are trained.



MEDIA / WEB SCANNING:

Ventilator for COVID-19 patient

- In most severe cases, the coronavirus damages healthy tissue in the lungs, making ventilators a necessity for survival of patients. Mechanical ventilators feed oxygen into the lungs of patients through a tube inserted down the throat (1).
- According to the World Health Organization, one in six COVID-19 patients becomes seriously ill and can develop breathing difficulties (1).
- A report from Imperial College London estimates that 30% of Covid-19 hospitalized patients are likely to require mechanical ventilation (2).
- A study done on nine COVID-19 patients in Intensive Care Unit (ICU) stated that the average time a patient in an ICU spends on a ventilator ranges from 3 to 7 days (3, 4).
- Another study including 24 COVID-19 patients showed that once patients required mechanical ventilation, no one came off within the first week, even younger patients in their 20s (5).
- A report shows the only way to avoid overwhelming intensive care units is with a mandatory lockdown that reduces social contact by 75% (2).
- Governments could need ventilators beyond capacity at the peak of the pandemic and the situation could especially be critical in countries with weak healthcare systems (2).

What is done to meet ventilator demand? (1, 2)

- The Africa CDC said that African countries are looking to engage with wealthier countries to secure key supplies, including ventilators, if the situation deteriorates (*a strategy to be considered*).
- Ventilator makers are trying to sharply increase production.
- Governments have sought the help of the military and enlisted manufacturers in the hopes of boosting production.
- Providing oxygen to two people from one ventilator in order to double capacity is tried in Italy.

References:

1. Ventilators explained: Key device in fight against coronavirus, 29 Mar 2020, Aljazeera
2. The world needs more ventilators – but scaling up production is more complex than it seems. Around the world, thousands of volunteers are working hard to fill the gaps. By Jose Luis Penarredonda. 1st April 2020. BBC
3. Predicting the Duration of Mechanical Ventilation. The Importance of Disease and Patient Characteristics. G Seneff, J E Zimmerman, W A Knaus, D P Wagner, E A Draper. DOI: 10.1378/chest.110.2.469
4. Bhatraju, Pavan K. Ghassemieh, Bijan J. Nichols, Michelle, Kim, Richard et.al Covid-19 in Critically Ill Patients in the Seattle Region — Case Series. New England Journal of Medicine. Doi: 10.1056/NEJMoa2004500
5. Early study of COVID-19 patients shows high mortality rate. Available on: <https://newsroom.uw.edu/news/early-study-covid-19-patients-shows-high-mortality-rate>. Accessed on: April 6, 2020.

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Call-Centers
FOR MORE INFO and
ALERT NOTIFICATION on
COVID-19



The above presented Quick Reader (QR) code takes you to a portal that you can access updates and all COVID-19 related information available
(<https://www.ephi.gov.et/index.php/public-health-emergency/novel-corona-virus-update>)

DISCLAIMER

Figures presented in this situation report are pulled from official releases of the World Health Organization,
Other sources from the web, as well as report compiled by the National Incidence Response Team

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