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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), 07 April 2020)

07 April 2020

ISSUE  
No

75

## HIGHLIGHTS

- There are 8 newly detected COVID-19 cases bringing the total confirmed cases to 52 in the country.
- 4 of the COVID-19 confirmed cases have recovered.
- Of 28 new rumors /alerts were received today, 23 were fulfilled the suspected case definition.
- 85 new contacts of confirmed cases have been identified today bringing the number of contacts identified so far to about 1077
- 4 alert cases are identified among the passengers under quarantine.
- 9 close contacts of confirmed cases developed COVID-19 suggestive symptoms
- 264 laboratory samples were analyzed for COVID-19 in the last 24 hours (8 of which were found positive), which added up the number of total specimens tested to about 2271.
- 11 international travelers have arrived last night and go in to the mandatory quarantine

## COVID-19 NATIONAL UPDATE

2,471

Passengers under mandatory  
quarantine

57

TRAVELERS  
UNDER PHONE FOLLOW UP

809

RUMORS/alerts  
RECEIVED and INVESTIGATED

1077

Contacts of the confirmed cases

445

SUSPECTED CASES  
DETECTED

# COVID-19 GLOBAL UPDATE

Access link for WHO COVID-19 monitoring dashboard:

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

## Dashboard: Global Situation Update as of April 7, 2020 Source: WHO

Total Number of COVID-19 Affected Countries

211

Total Number of COVID-19 Confirmed Cases Globally

1,279,479

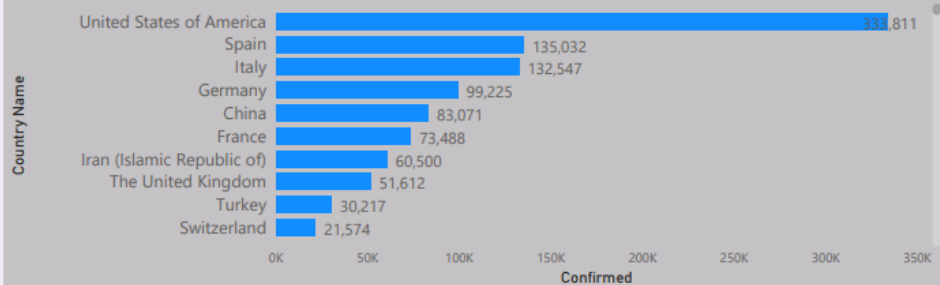
# of African Countries with COVID-19 Confirmed Cases

54

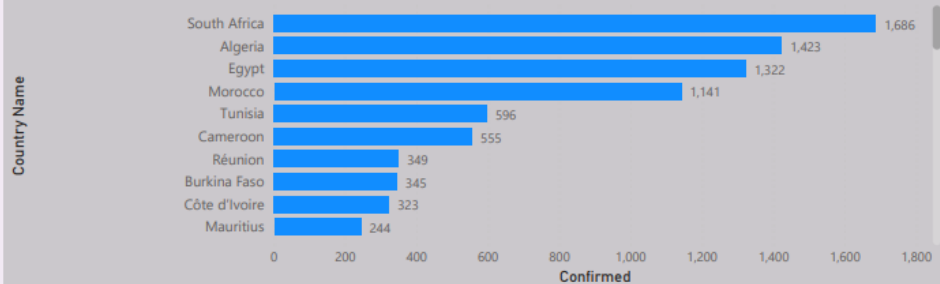
Total Number of Cases Confirmed in Africa

10,280

### Top Ten Countries with COVID-19 Confirmed Cases



### Top Ten African Countries with COVID-19 confirmed Cases



## Dashboard: Global Situation Update as of April 7, 2020 Source: WHO

Total Number of Deaths with COVID-19 Globally

72,615

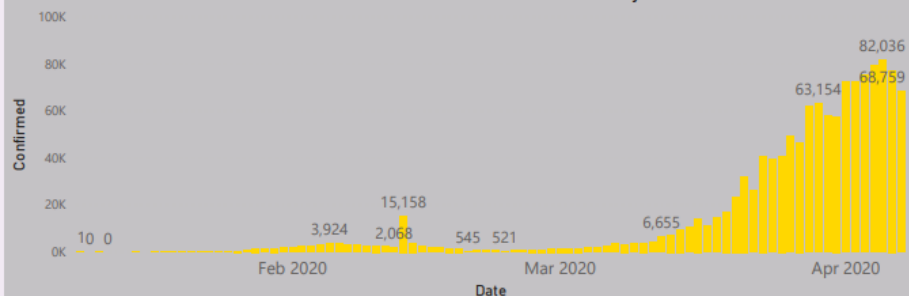
Total Number of Deaths in Africa with COVID-19

489

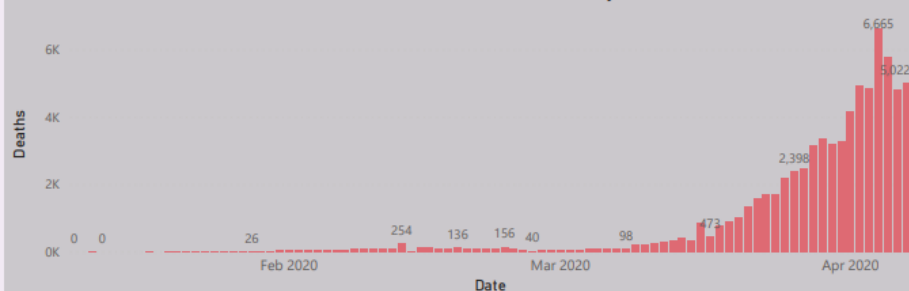
Total Number of Deaths in Europe with COVID-19

52,809

### Number of Confirmed COVID-19 Cases by Dates

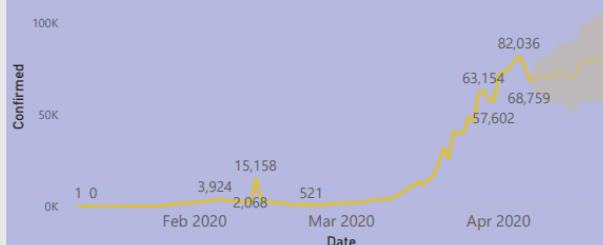


### Number of Deaths with COVID-19 by Date

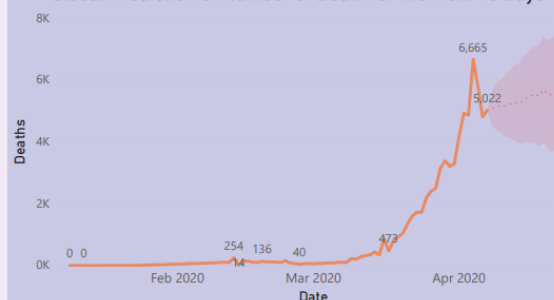


## Dashboard: Global Situation Update as of April 7, 2020 [Forecast] Source: WHO

### Global Prediction of Number of Cases for the Next 10 Days: Increasing Trend



### Global Prediction of Number of Death for the Next 10 Days



# 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.

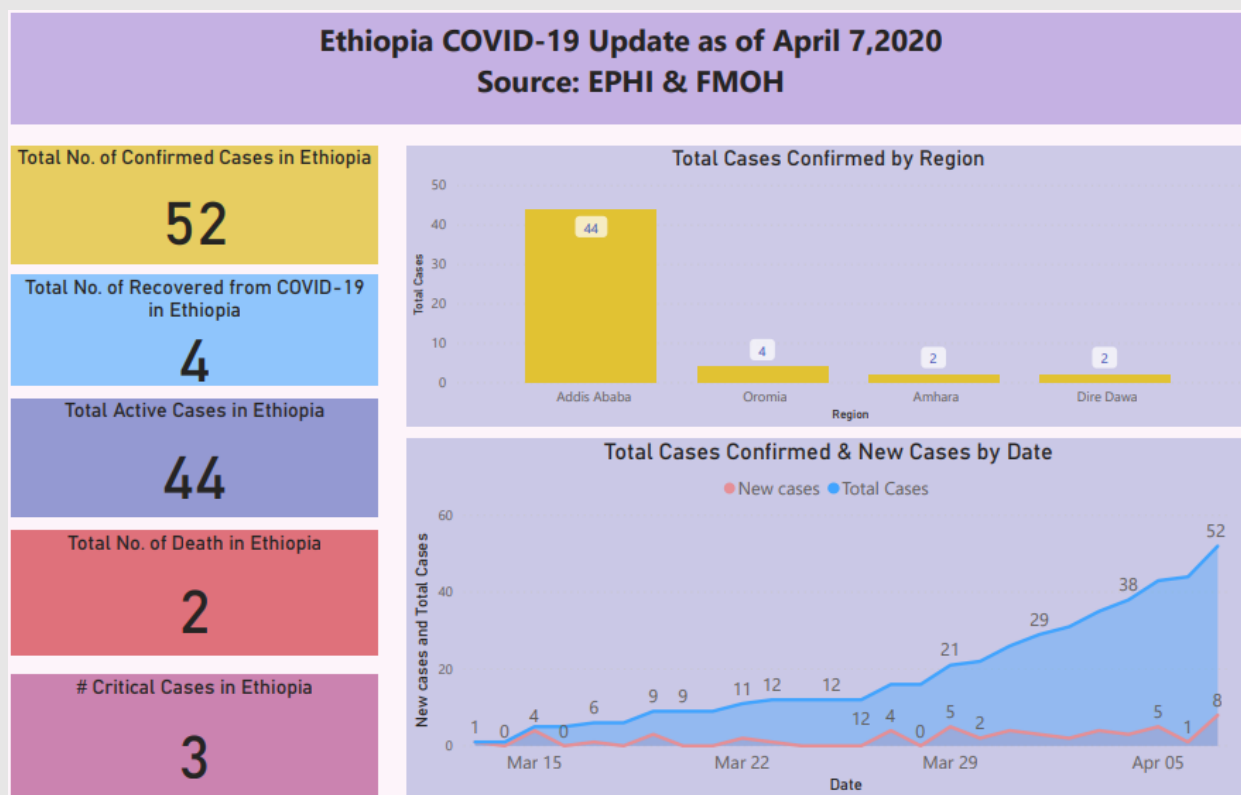
## COORDINATION and COLLABORATION:

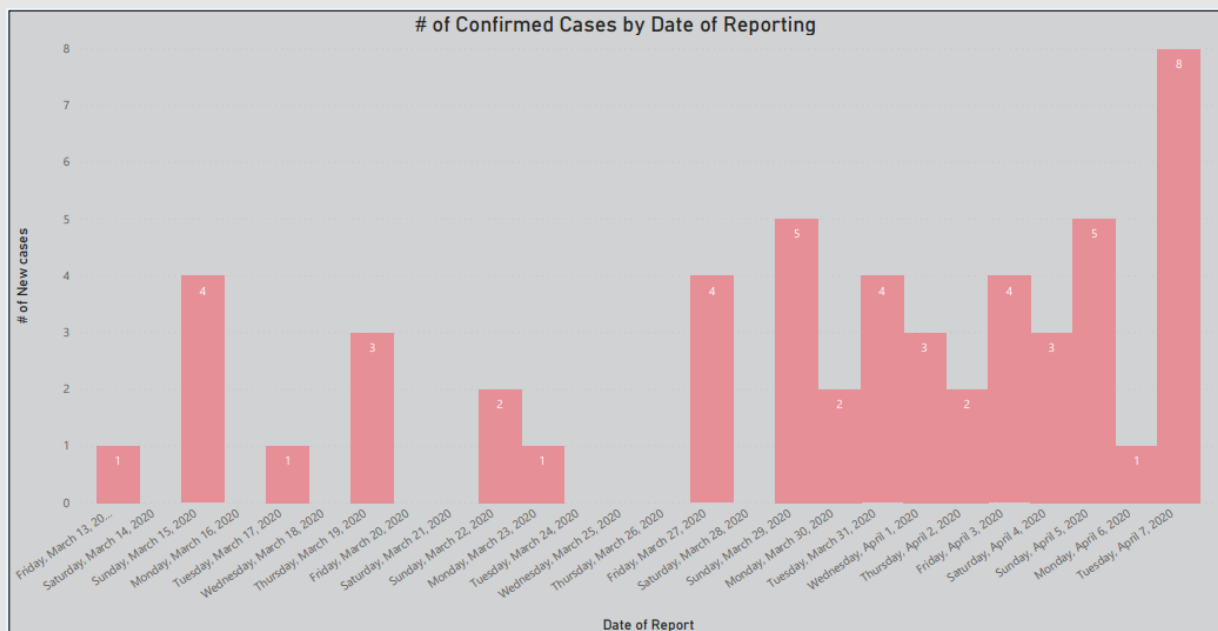
- Daily morning and evening briefing of the IMS core staffs and agency representatives is being conducted on daily basis.

## EPIDEMIOLOGY and LABORATORY SURVEILLANCE

### Confirmed COVID-19 cases and death:

- There are 8 newly detected COVID-19 case bringing the total confirmed cases to 52 in the country.
- Four of the COVID-19 confirmed cases have recovered.
- Three of the patients are getting care in Intensive Care Unit.





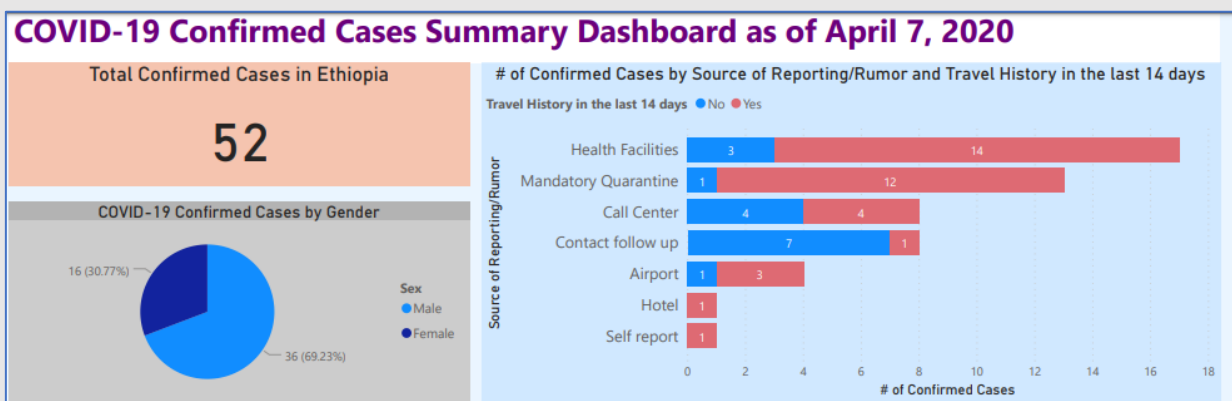
**Fig: Epi-Curve of the confirmed case by the date of confirmation**

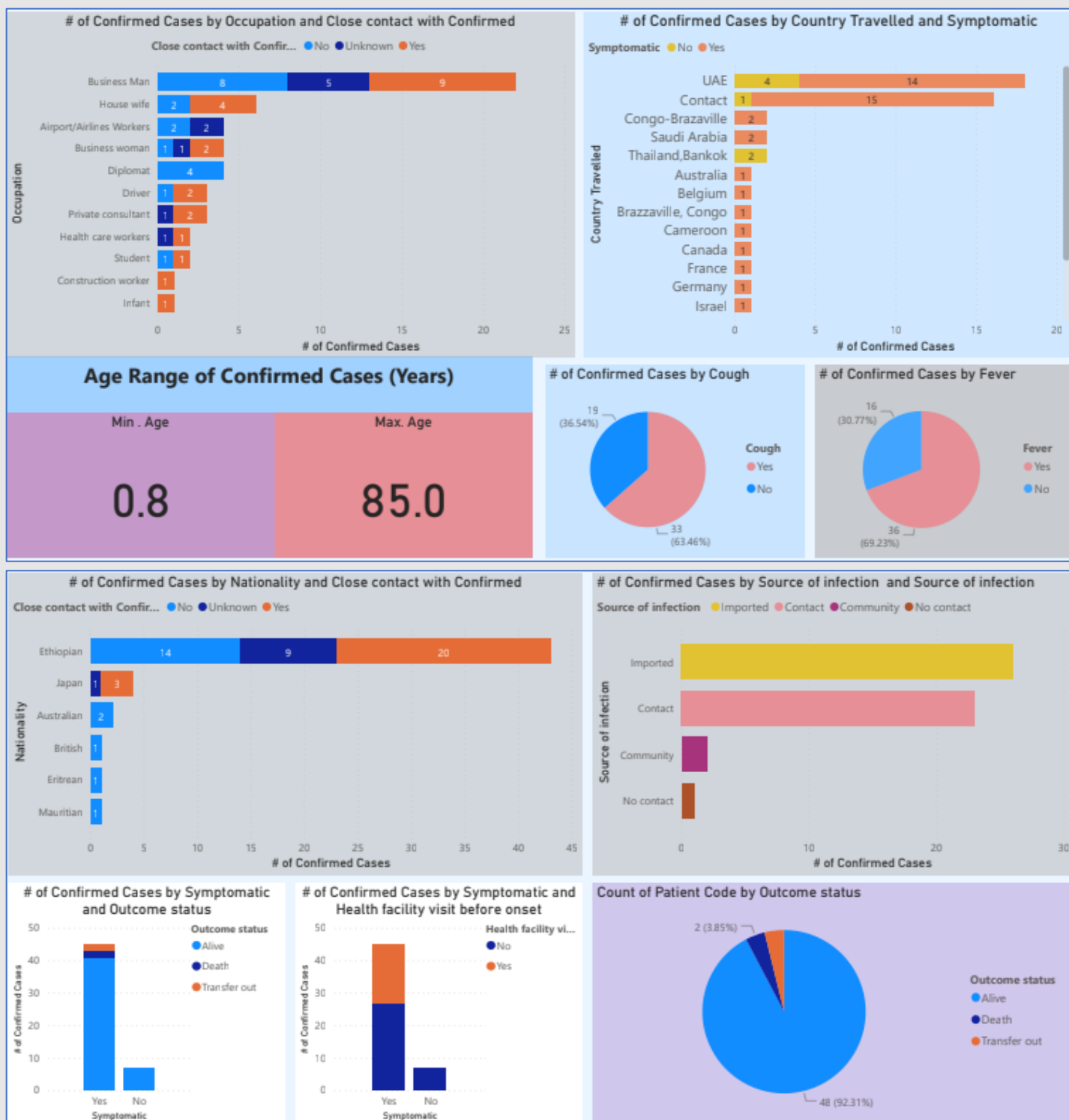
### Laboratory test:

- 264 laboratory samples were tested for COVID-19 in the last 24 hours, 8 of which were found positive.
- So far, a total of 2,271 samples were 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 were collected from the community all of which were tested negative.

### Contact tracing and follow-up:

- As of April 7, 2020:
  - A total of 1077 (85 new) contacts of confirmed cases have been identified.
  - 411 (11 new) have completed the 14 days follow-up, while 644 contacts are still on follow-up.
  - 43 (9 new) contacts developed COVID-19 suggestive symptoms.
  - 13 of the symptomatic and 3 asymptomatic contacts were tested positive, which are among the currently existing confirmed positive cases.





## Rumors collection and verification from all sources

- As of April 7, 2020:
  - 809 rumors/alerts have been received and investigated. Of these, 28 rumors (13 via the call center) were reported today.
  - 445 rumors/alerts (23 new) have fulfilled the suspected case definition.
- On April 7, 2020, a total of 9,577 calls were received and responded via toll-free call centers.

## Phone Follow-Up of Travelers

- As of April 7, 2020:
  - 57 travelers and discharged suspects are under follow-up.
  - 3,342 travelers (21 new) have completed 14 days of follow-up and graduated from follow-up.

- One COVID-19 recovered person has included to phone follow up.
- There is no case detected during follow up as of today.

### **Quarantined passengers follow up**

- As of April 7, 2020; a total of 2,471 travelers are under mandatory quarantine at designated Hotels. Among these, 11 were new arrivals overnight.
- Four alert cases were identified today from passengers under quarantine.

### **PASSENGERS SCREENING**

- A total of 2,870 passengers arrived into the country since March 23, 2020
- Follow up of the mandatory quarantine implementation for passengers coming from abroad via BIA in ongoing.
- Health screening for arriving international passengers is ongoing.

### **CASE MANAGEMENT AND INFECTION PREVENTION AND CONTROL (IPC):**

- Assessment was done on WASH service availability and functionality in Addis Ababa Science and Technology University, temporary COVID-19 quarantine and isolation center.
- There are 44 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
- Three critical cases are in the ICU and the remaining cases are on medical care in stable condition.
- 31 suspected cases are admitted today.
- 26 initially suspected cases are discharged after laboratory test became negative.

### **LOGISTICS, ADMINISTRATION AND RELATED ACTIVITIES:**

- Oxygen cylinders installation in the ambulances are ongoing
- Three temporary stores have been established with tents in Addis Ababa Science and Technology University compound.

### **RISK COMMUNICATION:**

- Communication aids have mobilized in line with stakeholders' mapping/identification and their engagement.
- Potential stakeholders/partners are identified in each region.
- Press release on newly confirmed COVID-19 cases has shared for the public.

### **TRAINING AND ORIENTATIONS:**

- COVID-19 IPC orientation is given for newly recruited sprayers at EPHI and Silk Road General Hospital and also for Soramba hotel staffs.
- 49 health professionals to be deployed for contact tracing in Addis Ababa sub cities are oriented on COVID-19 contact tracing.





## **MEDIA / WEB SCANNING:**

### **Extended use and reuse of N95 respirators**

- Wearing N95 respirator for hours at a time (extended use) or reusing a respirator several times are practices used to ease shortages.
  - Extended use involves continued use for up to several hours during successive encounters.
  - Reuse involves removing and donning the respirator for several successive encounters, with or without respirator decontamination.
- In theory, N95 respirator should provide effective protection as long as the seal between respirator and face remains tight.
- Even though guidelines do not include recommendations for decontamination of single-use N95 respirators, several proposed methods for single-use N95 disinfection have been evaluated. These methods fall into three broad categories:
  - Humid heat sterilization: - with autoclaves, pressure cookers, or microwavable steam bags which requires 10 minutes at 121°C at a minimum to be effective.
  - Chemical cleaners: - applied by soaking or wiping and followed by rinsing and drying.
    - Should be determined on a case-by-case basis because it could be inappropriate due to toxicity and chemical incompatibility with filter materials.
  - Ultraviolet germicidal irradiation (UVGI):- with 200 to 400 nm UV lamps.

### **Risks Associated with N95 Extended Use and Reuse**

- While extended use and reuse may help conserve N95s during shortage, the practices are associated with risks and drawbacks, like:
  - Discomfort
  - Loss of fit

- Loss of filtration effectiveness and
- Risk of infection spread
- Measures to reduce the risk of mask-to-hand contamination:
  - limiting encounters to only infected or non-infected patients (Patient cohorting)
  - Prioritizing extended use over reuse.
  - Discarding respirators visibly contaminated with body fluids or other potential pathogen sources.
  - Covering N95s with surgical masks that are changed after each patient encounter.
  - Using proper hand hygiene and gloves when handling potentially contaminated N95s
  - Storing used N95s in designated areas between reuses
  - Decontaminating N95s between reuses

## References:

1. Boyce JM, Donskey CJ. Understanding ultraviolet light surface decontamination in hospital rooms: A primer. *Infect control Hosp Epidemiol*. 2019;40 (9):1030-1035. Doi:10.1017/ice.2019.161
2. ECRI. Safety of Extended Use and Reuse of N95 Respirators. March, 2020. Available on: [https://www.elsevier.com/\\_\\_data/assets/pdf\\_file/0006/997863/COVID-ECRI-N95-Respirators\\_2020-03.pdf](https://www.elsevier.com/__data/assets/pdf_file/0006/997863/COVID-ECRI-N95-Respirators_2020-03.pdf)
3. CDC: recommended guidance for extended use and limited reuse of N95 filtering face piece respirators in healthcare. March 27, 2020. <https://www.cdc.gov/niosh/topics/hcwcontrols/recommendedguidanceextuse.html>



**8335 / 952**



**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.eph.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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