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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

COVID-19 PANDEMIC PREPAREDNESS AND RESPONSE DAILY SITUATION REPORT ETHIOPIA

(Data reported as at 16:30hrs EAT (GMT+3), 26 March 2020)

26 March 2020

ISSUE
NO

63

HIGHLIGHTS

- Prime minister launches national resource mobilization committee
- So far, there are 12 confirmed COVID-19 cases detected in Ethiopia.
- Among the confirmed cases two was retested turned out negative
- Among 696 collected samples 672 (75 SARI) tested negative, twelve tested positives and the remaining are pending
- 51 new rumors /alerts were received. Of these, 16 of them fulfill the suspected case definition
- There is a total of 197 suspected cases so far
- About 292 contacts of the confirmed cases have been identified

COVID-19 NATIONAL UPDATE

671,988

PASSENGERS SCREENED

ALL POEs Starting from 24 January 2020

13,464

PASSENGERS SCREENED
FROM COVID-19 REPORTING COUNTRIES

1122

TRAVELERS

UNDER PHONE FOLLOW UP

421

RUMORS/alerts
RECEIVED and INVESTIGATED

216

SUSPECTED CASES
DETECTED

12

TOTAL CASE
CONFIRMED

292

Contacts of the confirmed cases

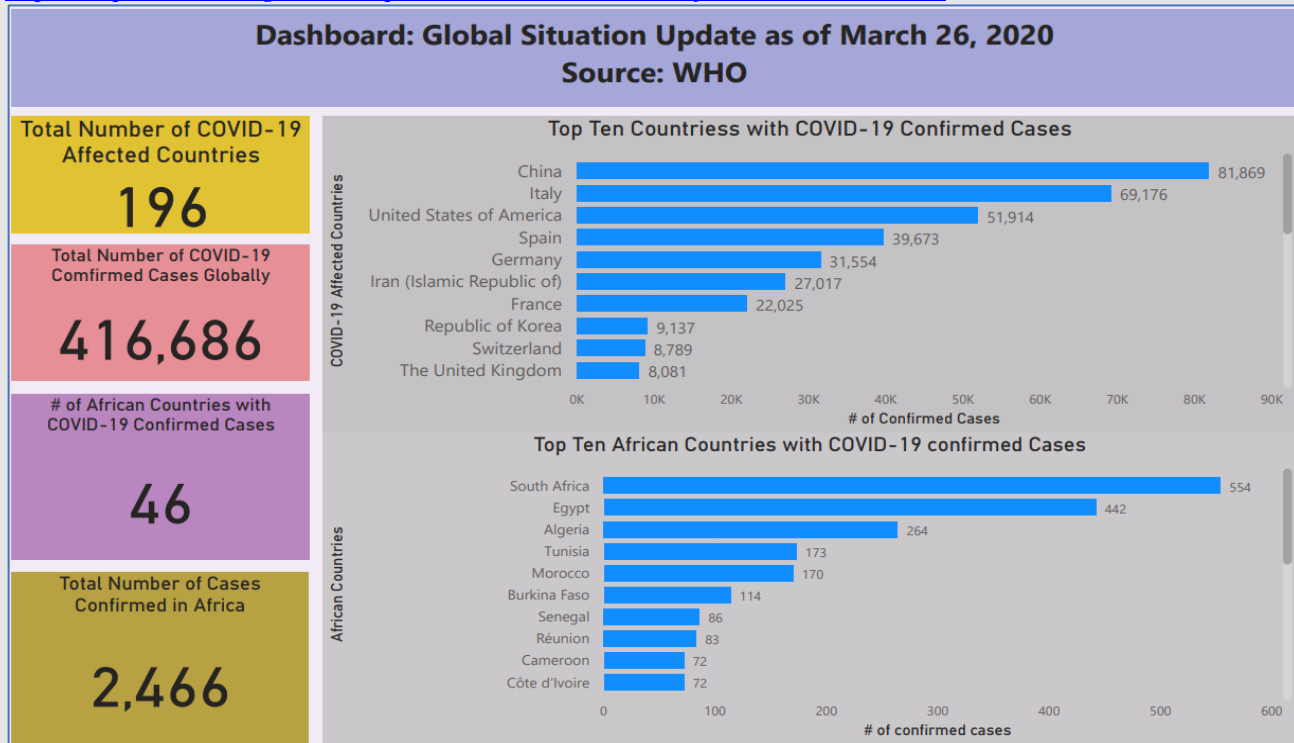
8

SUSPECTED CASES IN THE
ISOLATION UNIT

COVID-19 GLOBAL UPDATE

Access link for WHO COVID-19 monitoring dashboard:

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



MAJOR COVID-19 PREPAREDNESS 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:

- Prime minister launches national resource mobilization committee which is led by different minister to support the incident management system on various areas
- Daily briefing of the IMS core staffs and agency representative being conducted on daily basis
- The worst scenario planning and costing is ongoing

EPIDEMIOLOGY and LABORATORY SURVEILLANCE

Confirmed COVID-19 Cases

- As of March 26, 2020, twelve confirmed cases are detected in Ethiopia. Ten of them are on medical care in stable condition and the two cases were transferred to Japan in collaboration with Japan Embassy.

Contact tracing and follow-up:

- So far, a total of 292 contacts are identified; 90 of these have completed the 14 days follow up; 3 contacts have gone back to Japan. A total of 222 contacts are under follow-up currently. There is no new contacts identified since last time report.

- A total of eight individuals among the close contacts of the confirmed cases became symptomatic. Of these, four tested positive, which are among the currently existing confirmed positive cases.

Laboratory testing

- So far, a total of 696 samples were collected. Of these, about 80 samples were collected from SARI/Pneumonia from major selected hospitals in Addis Ababa.
- Among the collected samples 672 (75 SARI) tested negative, twelve tested positives and the remaining are pending.

Rumors collection and verification from all sources

- Today, 35 new rumors/alerts received from all sources. Twelve of the alerts fulfilled the case definition of suspected cases.
- So far, 421 rumors/alerts have been received and investigated. Of these, 216 rumors/alerts have fulfilled the case definition of suspected cases.
- On 26th March 2020; a total of 5,191 COVID-19 related calls are received through toll-free call center. Of these calls, twenty two were rumors received via call center.

Phone Follow-Up of Travelers from Affected Countries

- As of the 26th of March 2020:
 - 1,122 travelers are under follow-up.
 - 769 (10 new) travelers that were under follow-up departed back.
 - 1,972 travelers (141 new) have completed 14 days of follow-up and graduated from follow-up.

PASSENGERS SCREENING

- **504** travelers arrived and countries have been screened.
- Two screeners were assigned for screening of the prisoners released from the two prisons.

Quarantined passengers follow-up:

- Passengers are being mandatorily quarantined since March 24, 2020, in a designated facility
- So far 266 (106 quarantined today) passengers are under mandatory quarantine and follow-up
- No alert case has been identified among the passengers under mandatory quarantine and follow-up
- Four teams were newly assigned to four hotels for the follow up of the quarantined passengers.

CASE MANAGEMENT AND INFECTION PREVENTION AND CONTROL (IPC):

- 6 suspected cases are admitted today; 21 initially suspected cases are discharged after laboratory test became negative.
- There is a total of 8 suspected cases waiting for their laboratory result in Eka Kotebe treatment center.

LOGISTICS, ADMINISTRATION AND RELATED ACTIVITIES:

- Safety stocks of supplies to be used during night duty secured
- 10 top priority items which require frequent stock status checking identified

RISK COMMUNICATION:

- There is routinely ongoing broad cast and social media scanning with respective actions and recommendations.

TRAINING AND ORIENTATION:

- Clinical training for case management team is ongoing
- Orientation is given on IPC for the hotel's staffs designated as mandatory quarantine centers (namely Sarim International Hotel, Afarensis, Magnolia Hotel, Safaire Addis, Churchill Hotel, Jupiter Hotel, Best Western, Gion Hotel and Skylight Hotel)
- Orientation is given for ten Dashen Bank senior management staffs on COVID-19 and physical staffing
- Orientation is given to Ministry of Labour and Social Affairs (MoLSA) on the guide on COVID-19 work place safety and to cascade it down in its structures.



MEDIA / WEB SCANNING:

News:

- Prime Minister Launches National Resource Mobilization Committee: (<https://www.fanabc.com/english/pm-launches-national-resource-mobilisation-committee-for-covid-19-emergency-preparedness/>)
- Spain has recorded more than 700 deaths over the past 24 hours, surpassing China in the total death toll, making the country now second to only Italy. (<https://www.aljazeera.com/news/2020/03/india-joins-coronavirus-lockdown-warns-live-updates-200325000843329.html>)

Research findings:

Chest radiology test for COVID-19

- Chest CT has a high sensitivity for diagnosis of COVID-19. It may be considered as a primary tool for the current COVID-19 detection in epidemic areas (1).
- The sensitivity of chest CT in suggesting COVID-19 was seen to be 97% based on positive RT-PCR results (1).
- A study done on 47 COVID-19 cases found that 78.7% involved both lungs, and 93.6% had peripheral infiltrates distributed along the subpleural area (2).
- All cases in the study showed (2)
 - Ground Glass Opacity (59.6% of which were round and 40.4% patchy).

- Other imaging features included
 - Crazy-paving pattern (89.4%),
 - Consolidation (63.8%), and
 - Air bronchogram (76.6%).
 - Air bronchograms within GGO (61.7%) and consolidation (70.3%).
 - Neither enlarged mediastinal lymph nodes nor pleural effusion were present.
 - The pulmonary lesions in patients infected with COVID-19 were predominantly distributed peripherally in the sub pleural area (2).

Result after recovery

- According to a study in china patients with COVID-19 who met criteria for hospital discharge or discontinuation of quarantine (absence of clinical symptoms and radiological abnormalities and 2 negative RT-PCR test results) had positive RT-PCR test results 5 to 13 days later (3).
- These findings suggest that at least a proportion of recovered patients still may be virus carriers (3).
- Current criteria for hospital discharge or discontinuation of quarantine and continued patient management may need to be reevaluated (3).

Blood plasma treatment

- Researchers at Washington University School of Medicine in St. Louis and elsewhere are investigating whether transfusions of blood plasma from people who have recovered from COVID-19 can prevent or treat the disease (4).
- The approach was used with some success during the 1918 influenza pandemic.
- The US Food and Drug Administration said it is expediting the use of a blood plasma treatment for patients seriously ill with the coronavirus, making it easier for doctors to try another tool to attack the illness (5).

References:

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2. [Guan CS](#)¹, [Lv ZB](#)¹, [Yan S](#)¹, [Du YN](#)¹, [Chen H](#)¹, [Wei LG](#)¹, [Xie RM](#)¹, [Chen BD](#)². Imaging Features of Coronavirus disease 2019 (COVID-19): Evaluation on Thin-Section CT. 2020 Mar 20. pii: S1076-6332(20)30143-4. doi: [10.1016/j.acra.2020.03.002](#). [Epub ahead of print]
3. Lan L, Xu D, Ye G, et al. Positive RT-PCR Test Results in Patients Recovered From COVID-19. *JAMA*. Published online February 27, 2020. doi:10.1001/jama.2020.2783
4. Possible COVID-19 treatment: transfusion of antibodies from recovered patients' blood Century-old idea applied to modern pandemic by Tamara Bhandari•March 23, 2020. Washington university school of medicine in St.Louis
5. FDA says it is expediting the use of a blood plasma treatment as New York begins to roll out new clinical trials By Kara Scannell and Brynn Gingras, CNN. March 25, 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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