



NATIONAL PUBLIC HEALTH EMERGENCY OPERATION CENTER (PHEOC), ETHIOPIA

COVID-19 PANDEMIC PREPAREDNESS AND RESPONSE IN ETHIOPIA

WEEKLY BULLETIN

Epi-Week- 28 (July 12 – 18, 2021)

BULLETIN No. 64

I. HIGHLIGHTS

- A total of 34,916 laboratory samples were tested in the Epi-Week-28 bringing the total number of samples tested to 2,955,540.
- A total of 625 new confirmed COVID-19 cases and 14 COVID-19 related deaths were reported during the Epi-Week-28 bringing the total cases and death to 277,696 and 4,357 respectively.
- A total of 207,688 COVID-19 confirmed cases have been managed at Home Based Isolation and Care so far; 751 of these were enrolled in the Epi-Week-28.
- Ethiopia received the first round of 453,600 doses of COVID-19 Johnson & Johnson vaccine donated by the United States government.
- National health workforce thanks giving and recognition week (July 18 - 24, 2021) commenced.
- The Ministry of Health-Ethiopia recognized the Emergency Operations Center (EOC) and Ethiopian Public Health Institute (EPHI) for a full-scale and well-coordinated emergency response against COVID-19 pandemic.



Fig. 1: Recognition of the EOC and EPHI for the emergency response against COVID-19 pandemic, July 18, 2021, Addis Ababa, Ethiopia.

II. Subjects in Focus:

a) Health workforce thanks giving and recognition week

- National health workforce thanks giving and recognition week is commenced. The thanks giving and recognition week will be from July 18 - 24, 2021 which is already commenced by inviting stakeholders which had various roles in the fight against the pandemic. Individuals, professionals and officials were invited in the thanks giving and recognition week commencement program from ministerial offices, hospitals, agencies, public and private organization. The program was started by a one minute silence for those who lost their lives due to COVID-19. Recognition awards were also presented for each offices, agencies and organizations which played crucial role in COVID-19 prevention and control. Addis Ababa City Deputy Mayor, HE Adanech Abebe, who was the guest of honor at the program, expressed her gratitude to the health workforce and her appreciation for the sacrifices made by those who gave their lives for us and said that they would live in our hearts with heroic glory.



Fig. 2: Health workforce thanks giving and recognition week launching ceremony, July 18, 2021, Addis Ababa

- In the thanks giving and recognition week commencement program, the Ministry of Health-Ethiopia recognized the Emergency Operations Center (EOC) and Ethiopian Public Health Institute (EPHI) for a full-scale and well-coordinated emergency response against COVID-19 pandemic. both the EOC and EPHI have received crystal awards.
- Mr. Aschalew Abayneh, COVID-19 response Incident Manager and Deputy Director General of EPHI, thanked H.E. The PM, H.E Deputy PM, sector Ministers, Presidents of Regional States, Heads of Regional Health Bureaus, and PHEM for monitoring and tackling the pandemic with a great success. He also thanked the Ministry of Health and frontline heroes; health professionals and the response team in general for working tirelessly in



Fig. 3: Mr. Aschalew Abayneh, COVID-19 response Incident Manager, Mr Zewdu Assefa, Deputy Incident Manager and section chiefs with the crystal awards, July 18, 2021, Friendship Square, Addis Ababa

fighting the pandemic and partner organizations, Medias and government organizations for the support they have been providing.

b) SARS-COV-2 new variants

- The new variants of SARS-COV-2 (Variants of Concern and Variants of Interest) are being detected in new countries and territories. Below are the incidence of the four variants of concern detected in various countries as of July 18, 2021.
 - Globally, cases of the Alpha variant have been reported in 180 countries, territories or areas (six new countries in the past week), while 130 countries (seven new countries) reported cases of the Beta variant; 78 countries (three new countries) reported cases of the Gamma variant; 124 countries (13 new countries) reported cases of the Delta variant.
- Among the SARS-COV-2 Variants of Concern Alpha and Beta variants were detected in Ethiopia by the genomic sequencing conducted so far in Ethiopia and at Kenya Medical Research Institute (KEMRI). The report regarding the new variants is already disclosed on July 13, 2021. Activities regarding genomic sequencing for other new variants, like Delta variant, are under way in Ethiopia

c) Vaccination against COVID-19 in Ethiopia

- First round of 453,600 doses of COVID-19 Johnson & Johnson vaccine donated by the United States government was received on July 19, 2021. During the handover ceremony, Minister of Health HE. Dr. Lia Tadesse thanked the United States Government for this donation as well as for the numerous support they provided so far to Ethiopia in the efforts to prevent and control the CoVID-19 pandemic. HE. Dr. Lia also thanked the US Embassy in Addis Ababa, the COVAX Facility, UNICEF, long-time partner, The Ethiopian Airlines, and other stakeholders for their contribution to the success of vaccine delivery handover, and called on the US



Fig. 4: Johnson and Johnson vaccine donation reception at Bole International Airport, July 19, 2021

government to continue its support in the efforts to prevent & control the COVID-19 pandemic and support the broader health system of Ethiopia. US Ambassador to Ethiopia Ambassador Geeta Pasi said this vaccine donation will help save many lives in the fight against COVID-19. The Ambassador added, the United States has so far invested \$182 million in efforts to prevent and control the pandemic of COVID-19 through support

of PPEs, medicines, ventilators and more. This donation is the first round of 1.2 million doses of Johnson & Johnson vaccine that Ethiopia expects to receive, and the rest will be delivered in the next two weeks.

- In Ethiopia, a total of 2,134,954 doses of COVID-19 vaccine (either AstraZeneca or Sinopharm) are administered so far. Among these 76,621 doses are administered in the Epi-week-28. The second dose of the vaccine jab is also started for those who took the first dose.

Total vaccinated 2,134,954 (76,621 in week-28)	1st dose 2,021,278	2 nd dose 113,676
Sinopharm 11,904	1 st dose 9,007	2 nd dose 2,897
AstraZeneca 2,123,050	1 st dose 2,012,271	2 nd dose 110,779
65+ years old 898,796	1 st dose 870,928	2 nd dose 27,868
55-64 years old 819,738	1 st dose 793,328	2 nd dose 26,410
Health worker 377,280	1 st dose 320,779	2 nd dose 56,501
30-54 years old (Somali region only) 27,236		

Fig. 5: Summary of vaccination against COVID-19 in Ethiopia as of July 18, 2021

d) COVID-19 revitalization ('Dagim Tikuret LeCOVID-19')

- The COVID-19 response revitalization movement (Dagim Tikuret) which was nationally launched on May 17, 2021 for 60 days come to an end on July 17, 2021. Most of the regions launched the campaign lately and the regions are still reporting their activities.
- A total of 5,910,513 house to house visits are planned to be conducted in 60 days. As of July 18, 2021, a total of 1,585,879 (28.83% of the total plan) house to house visits have been reported from the regions and city administrations. Among these 371,488 house-to-house visits were conducted in the Epi-week-28.
- As of July 18, 2021, a total of 302,825 samples have been tested nationally as part of *Dagim Tikuret*. Among these 34,916 samples were tested in the Epi-week-28. A total of 33,621 Antigen Rapid Diagnostic Test (Ag-RDT) was planned in the Epi-week-28 and only 7,854 (23% of the plan) samples were tested by Ag-RDT in the week.

III. EPIDEMIOLOGICAL SITUATION

a. Global Situation

- Globally, over 4 million new cases are reported in the last week (Figure 2) which is a 12% increase as compared to the previous week.
- More than 89 thousand new deaths (2% increase compared to previous week) are reported globally in the Epi-week-28.
- As of July 18, 2021, a total of 186,318,984 COVID-19 cases and 3,908,340 deaths (CFR=2.10%) have occurred globally. Of the total cases and deaths reported since the beginning of the outbreak, 4,782,759 cases and 89,681 deaths were reported during the Epi-Week-28.
- Generally, the United States of America (USA) reported the highest number of cases followed by India.
- The highest numbers of new cases in the last seven days were reported from the United States of America (603,648 new cases), Brazil (549,356 new cases), India (445,231 new cases), Indonesia (362,149 case) and the United Kingdom (300,677 new cases).
- In Africa, as of July 18, 2021, a total of 6,239,225 cases and 156,669 deaths were reported across the continent (CFR=2.51%). Of these 398,464 cases and 7,980 deaths were reported during the Epi-Week-28.
- In Africa, South Africa reported the highest number of cases followed by Morocco.
- Ethiopia reported the highest number of COVID-19 confirmed cases in East Africa. See the summary dashboard below.

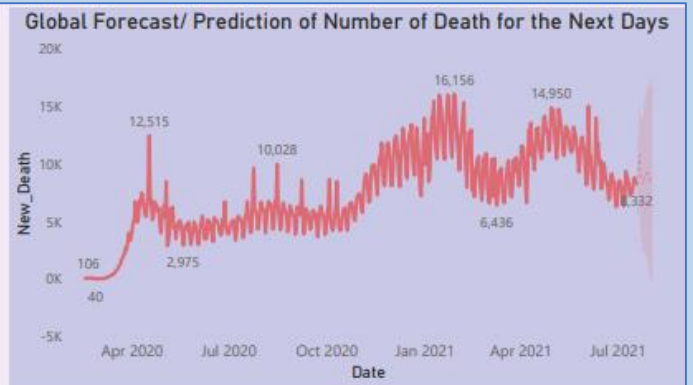
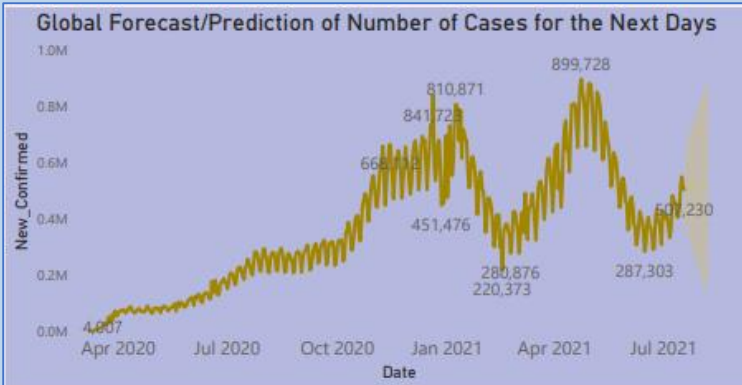
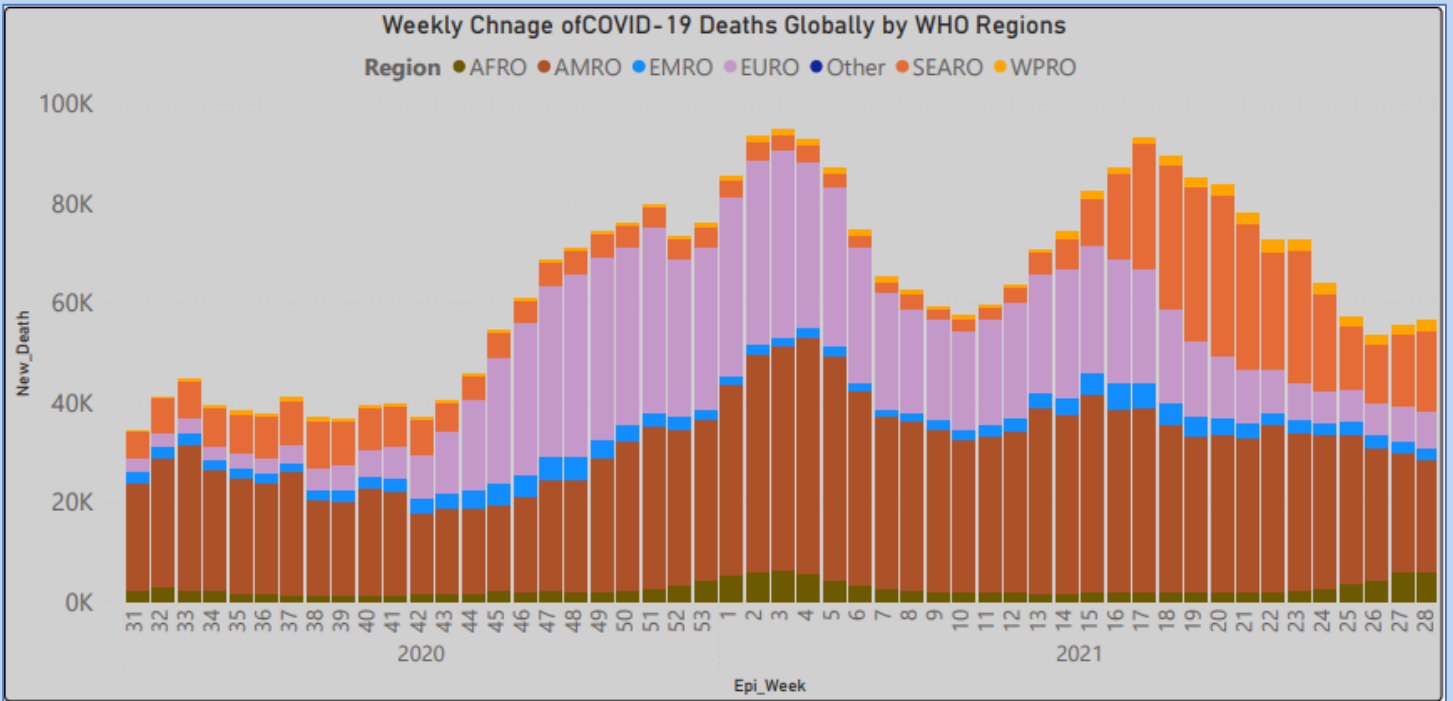
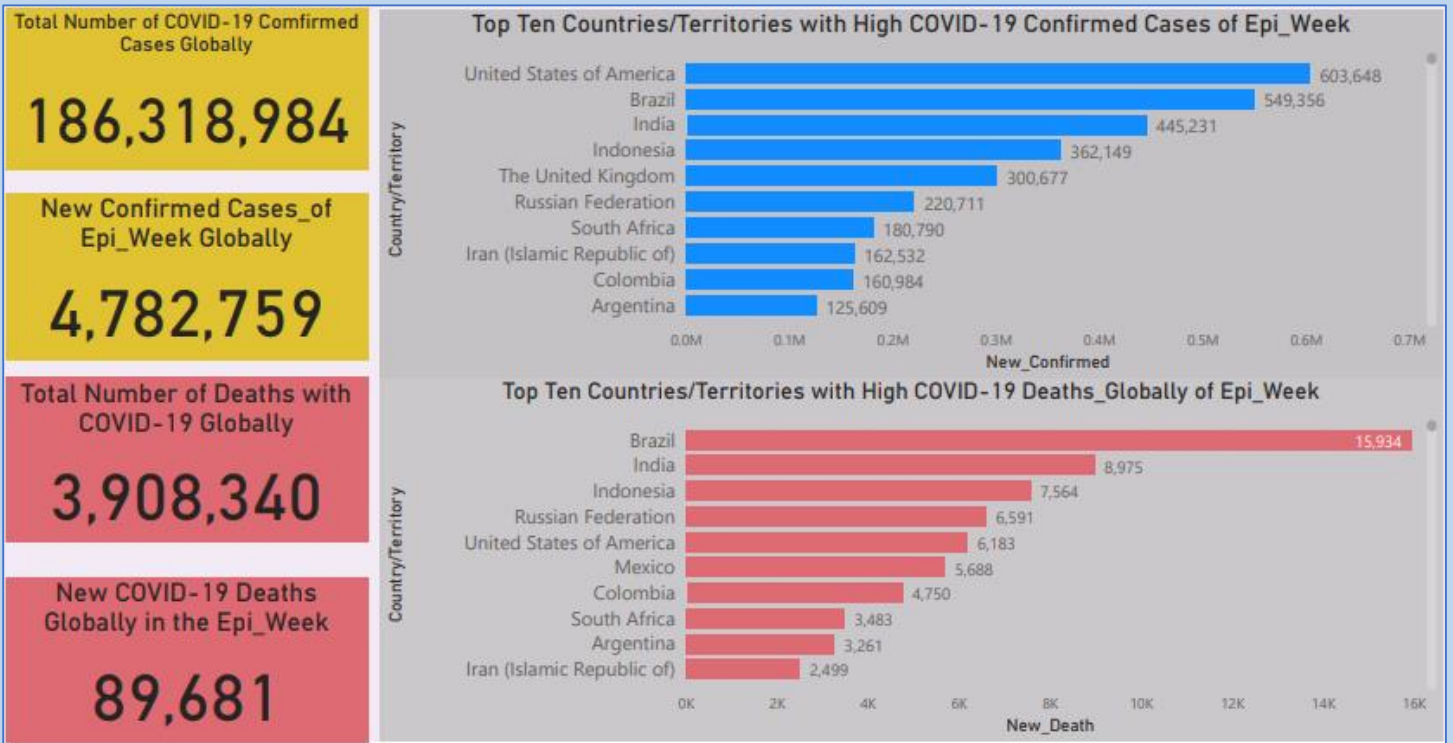


Fig. 6: COVID-19 Global Situation Update as of July 18, 2021 (Source: WHO)

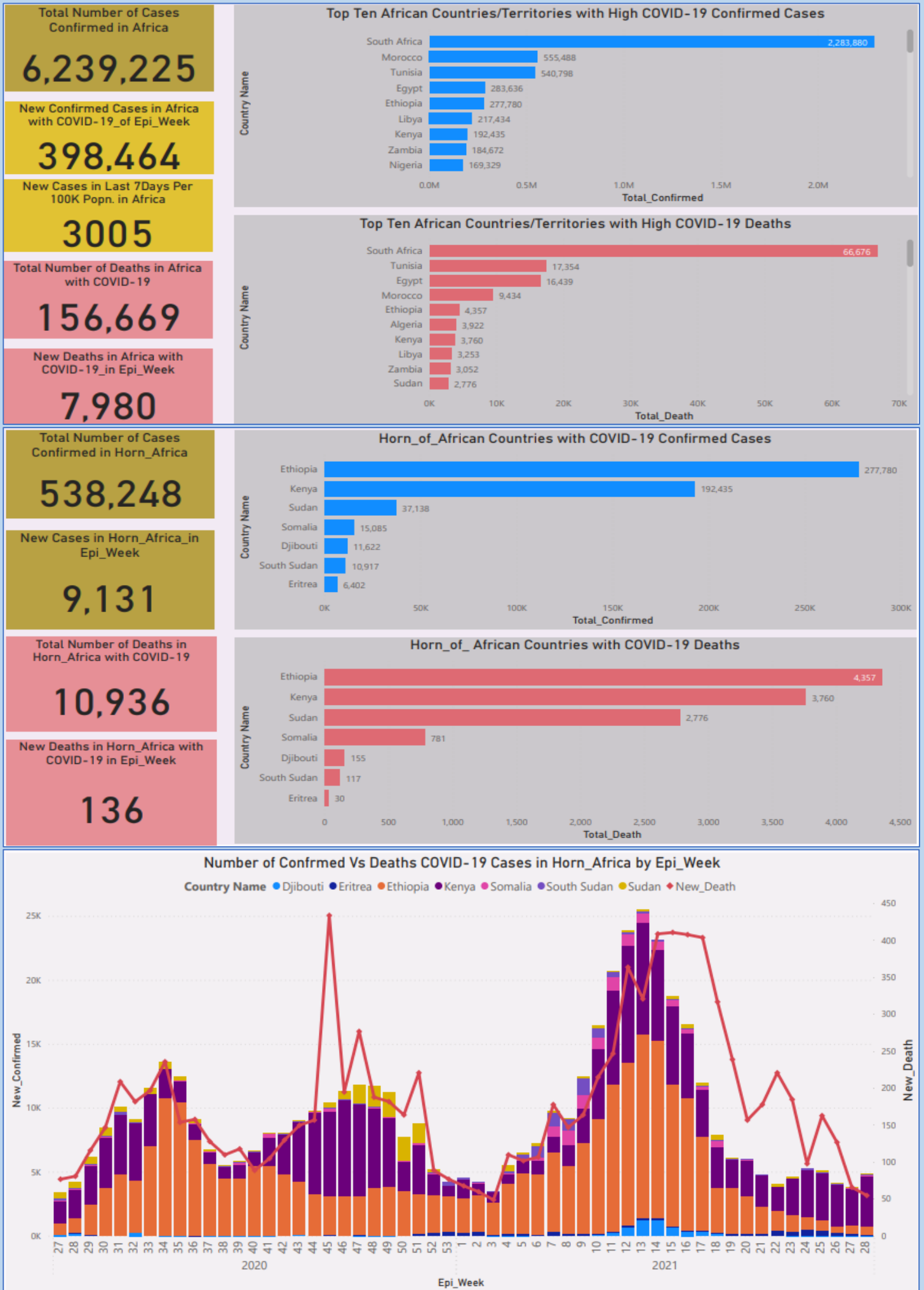


Fig. 7: COVID-19 Situation Update in Africa as of July 18, 2021 (Source: WHO)

b. National COVID-19 situation:

- As of July 18, 2021, a total of 277,696 confirmed COVID-19 cases and 4,357 deaths were recorded in the country with a case fatality rate of 1.57%. This puts Ethiopia in the fifth position by the number of confirmed cases and by the number of deaths due to COVID-19 in Africa.
- Six-hundred-twenty-five (625) newly confirmed COVID-19 cases and 14 COVID-19 related deaths were reported during the Epi-Week-28.
- In this week, there is a 2% (11 in number) decrease in the number of COVID-19 confirmed cases and there is a 17% (2 in number) increase in the number of deaths due to COVID-19.
- For detail, see the summary dashboard below.

NB: Data from Tigray regional state is as of June 28, 2021.

Table 1: Summary of National COVID-19 situation in the Epi-Week-28 of 2021

Regions	New_Tested	New_Case	New_HF_Admission	New_Deaths	Positivity Rate	# of Recovery
Addis Ababa	26091	521	108	11	2.1	200
Gambella	2417	6	0	0	0.3	5
Harari	2021	0	0	1	0.0	1
Oromia	1027	63	0	0	11.9	71
Afar	1009	0	0	0	0.0	3
SNNPR	773	8	3	0	2.3	15
Amhara	519	20	4	2	4.1	17
Somali	498	0	0	0	0.0	2
Dire Dawa	245	1	0	0	0.4	5
Benishangul G	217	0	0	0	0.0	6
Sidama	99	6	0	0	4.7	0
Tigray	0	0	0	0		0
Total	34916	625	115	14	**** 2.5	325

**** Positivity Rate is the Averages of Regional Distributions

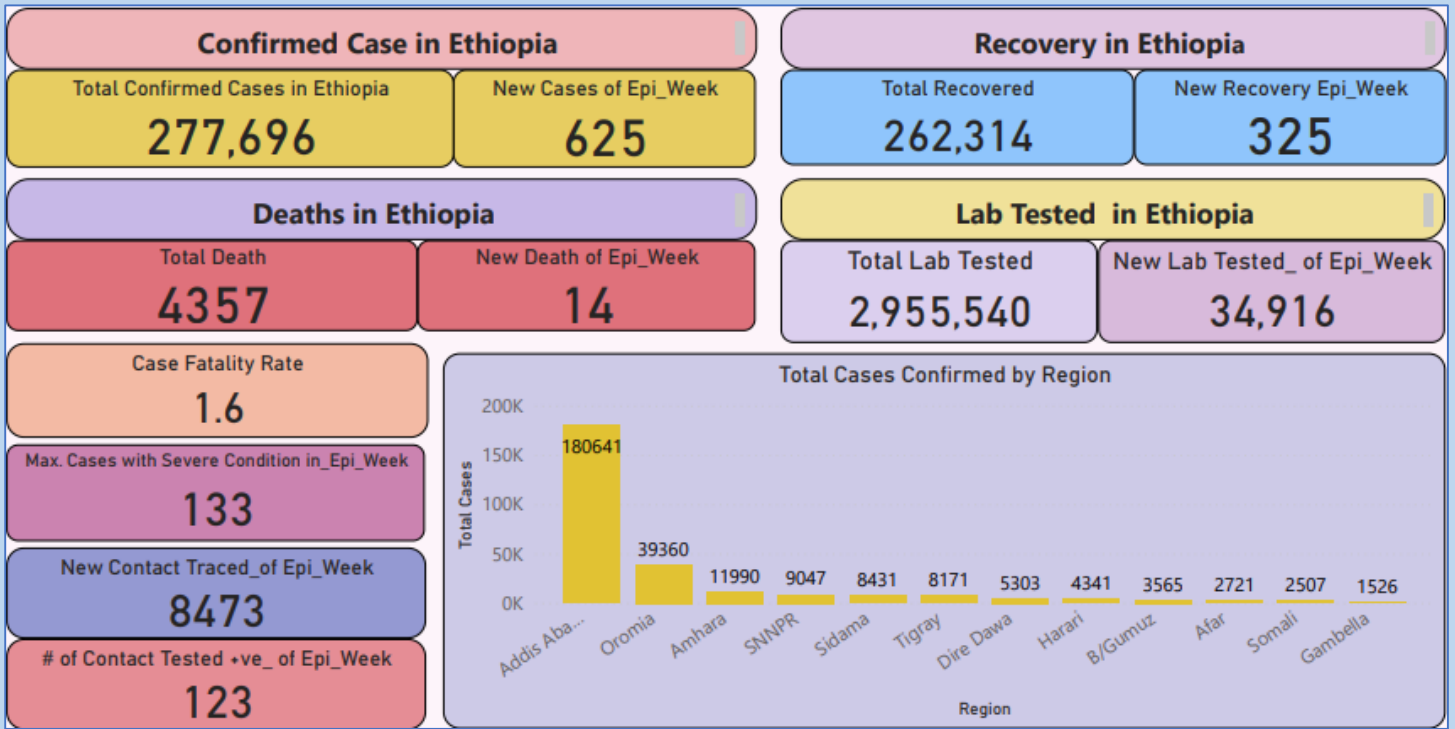


Fig. 8: Weekly summary of the COVID-19 situation in Ethiopia as of July 18, 2021, Ethiopia

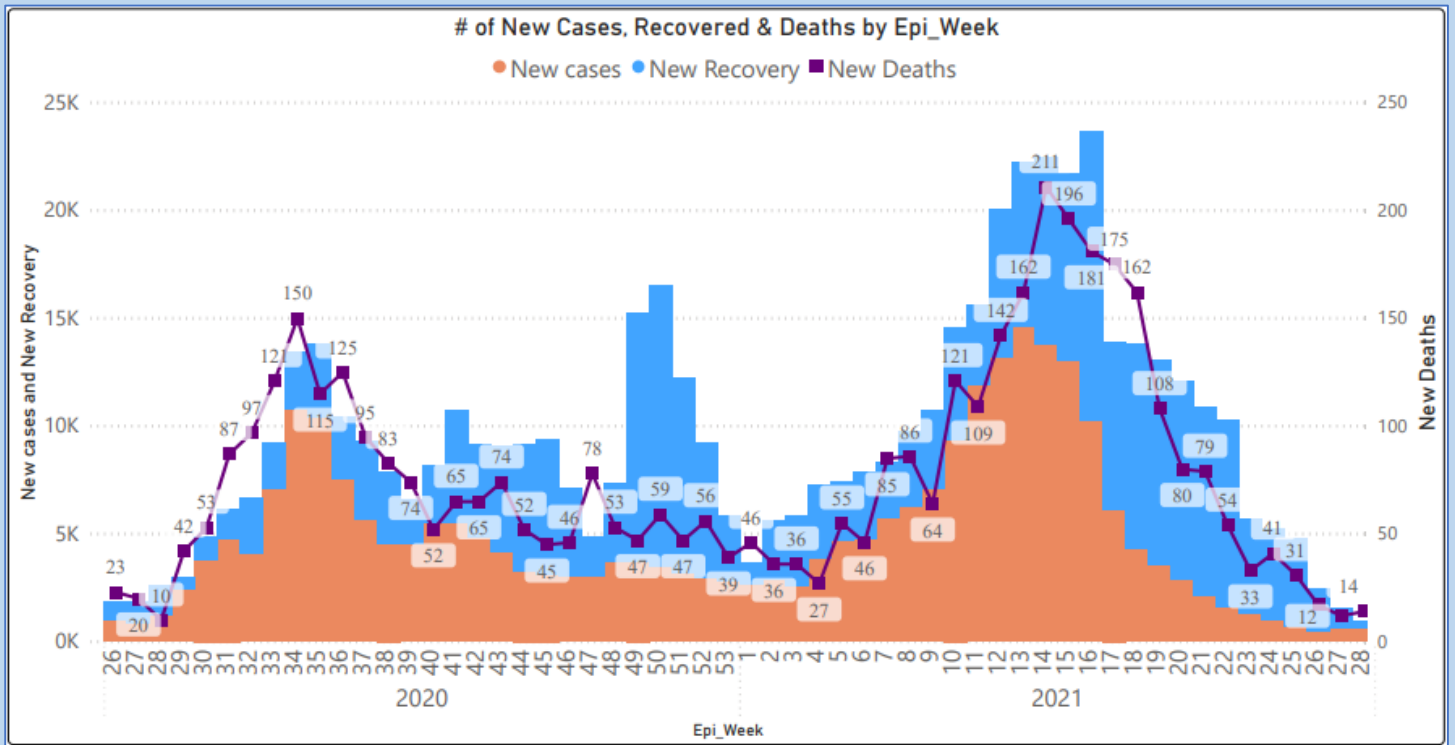


Fig. 9: COVID-19 confirmed cases, recovery and death by Epi-Week as of July 18, 2021, Ethiopia

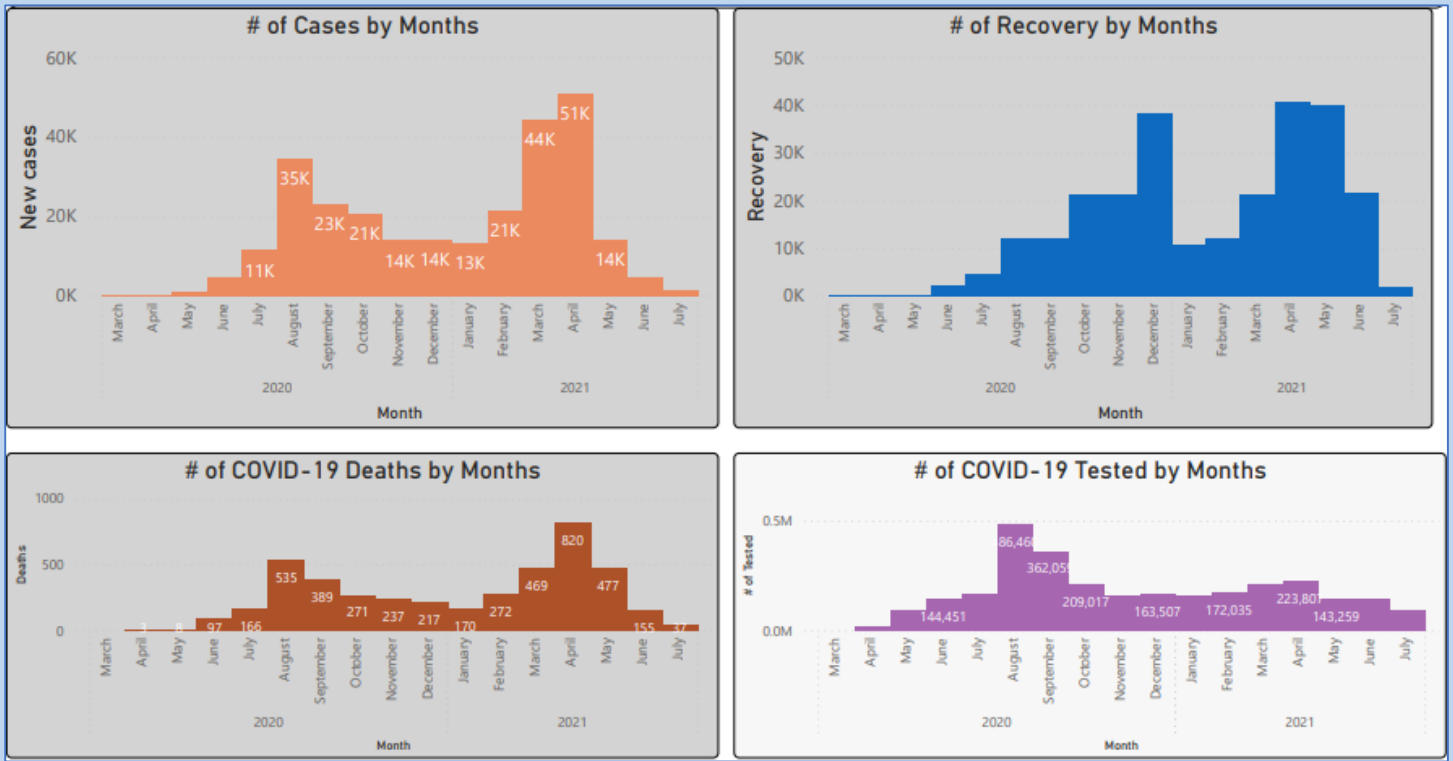


Fig. 10: Summary of monthly trend of COVID-19 situation in Ethiopia as of July 18, 2021.

c. Other Epi-Surveillance Related Activities

There is ongoing travelers' health screening at point of entries (POEs), follow-up of international travelers, rumor collection, verification, investigation and information provision via toll free call center, active case detection by house to house search, contact listing, tracing and follow-up of persons who had contact with confirmed cases. There is also laboratory investigation of suspected cases, contacts of confirmed cases, SARI/pneumonia cases and community members, surveillance and assessment in school and congregated setting communities.

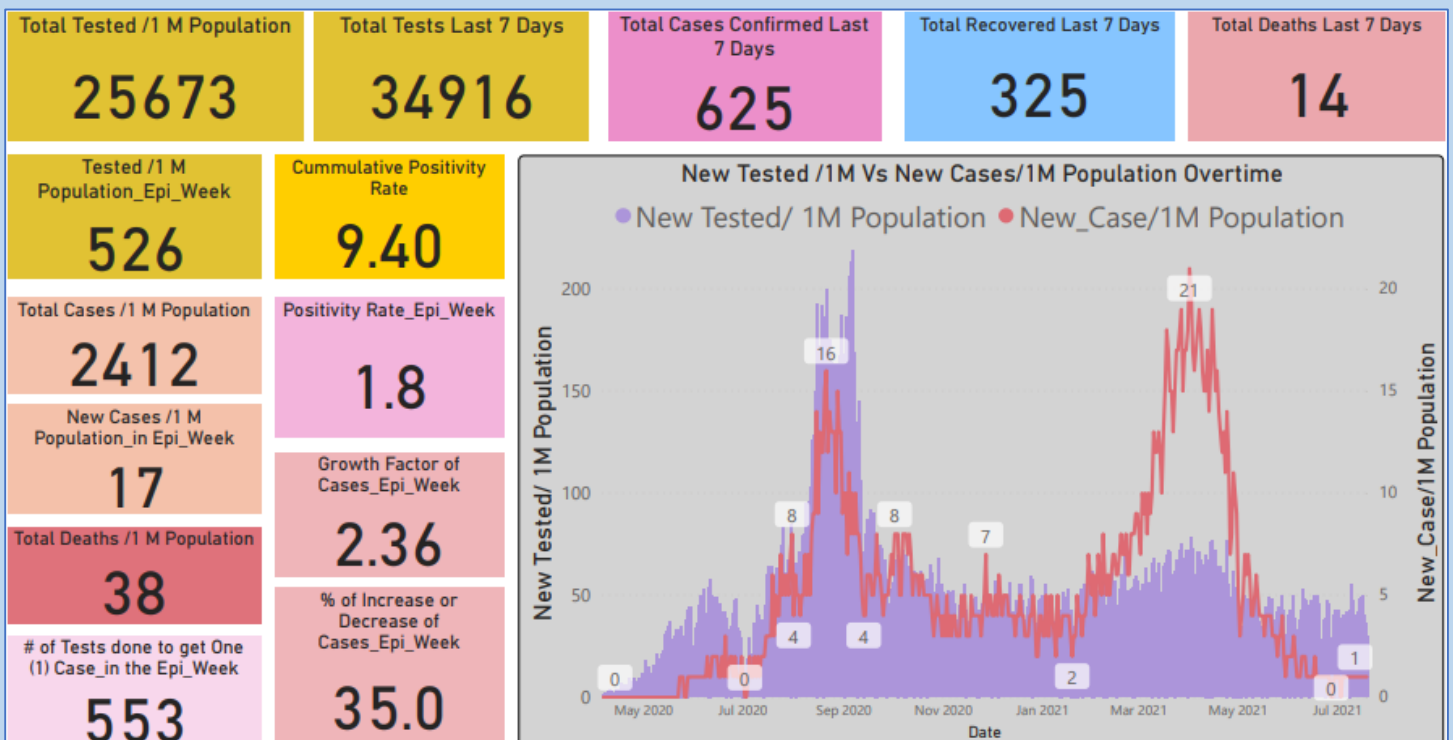


Fig. 11: Summary of COVID-19 confirmed cases in Ethiopia as of July 18, 2021.

i. Contact tracing and follow-up:

- Contact tracing is a key strategy for interrupting chains of transmission of SARS-CoV-2 and reducing COVID-19-associated mortality.
- As of July 18, 2021:
 - A total of 374,621 contacts of confirmed cases have been identified. Of these, 8,541 contacts were identified in the Epi-Week-28.
 - Of total contacts, 329,674 (87.99%) have completed 14 days follow-up, while 3,175 contacts are still on follow-up.
 - All the contacts traced are from Addis Ababa city administration and no contact tracing activity is being conducted in other regions.
- Overall, 42,212 (11.26%) of the contacts (symptomatic plus asymptomatic) have been tested positive.
- Contacts of the confirmed cases contributed for the 15.20% of the total cases.

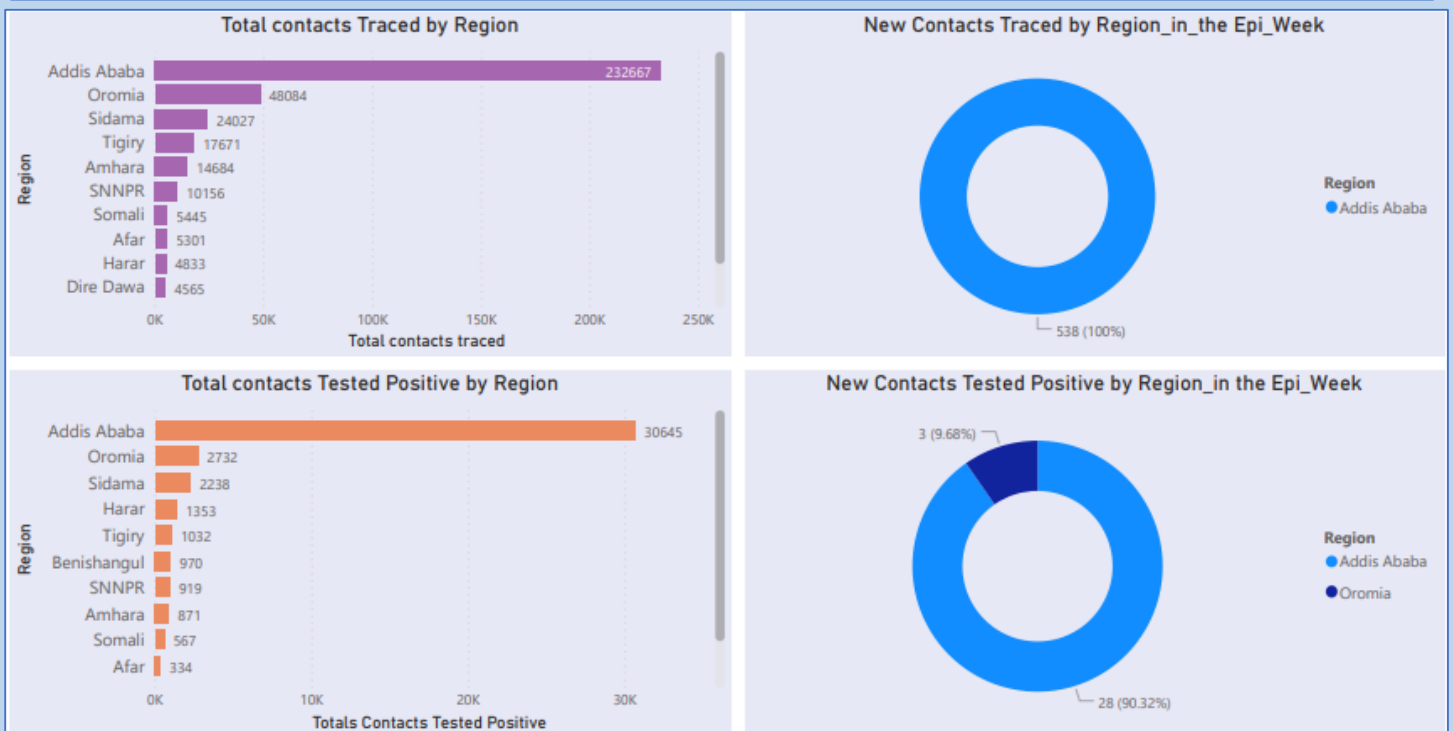
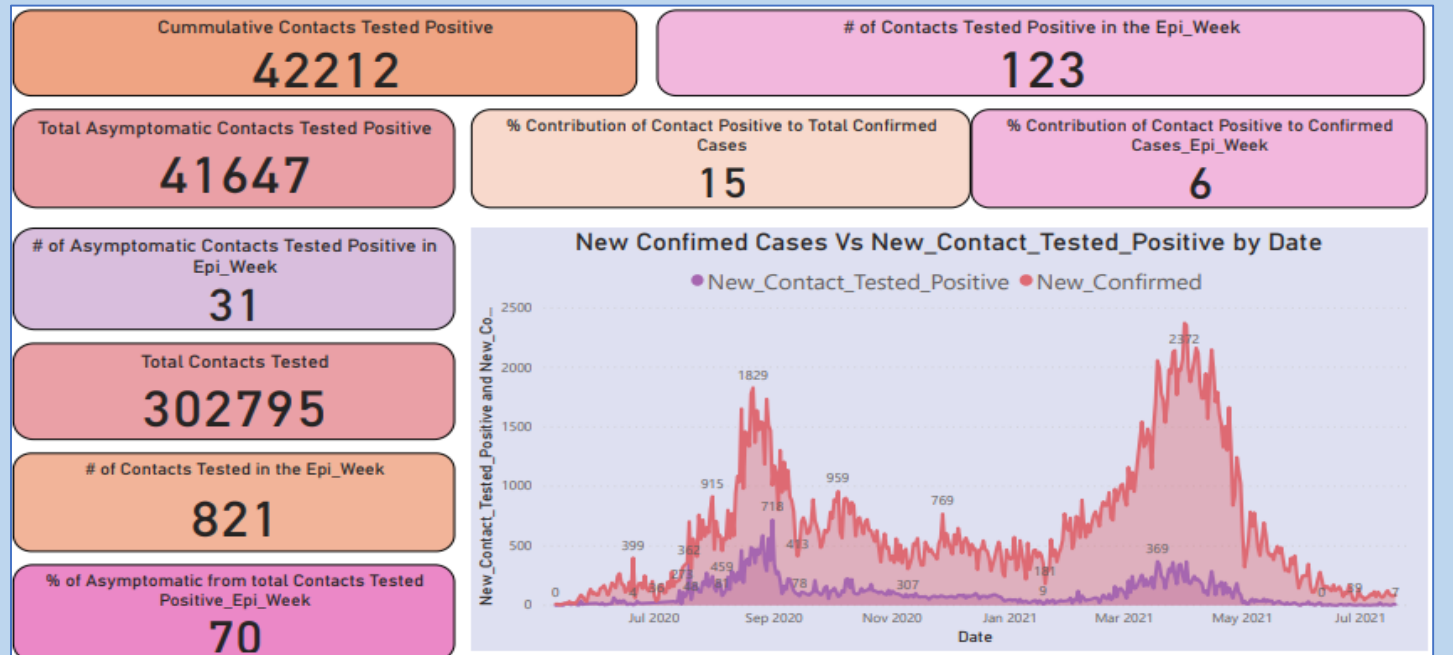
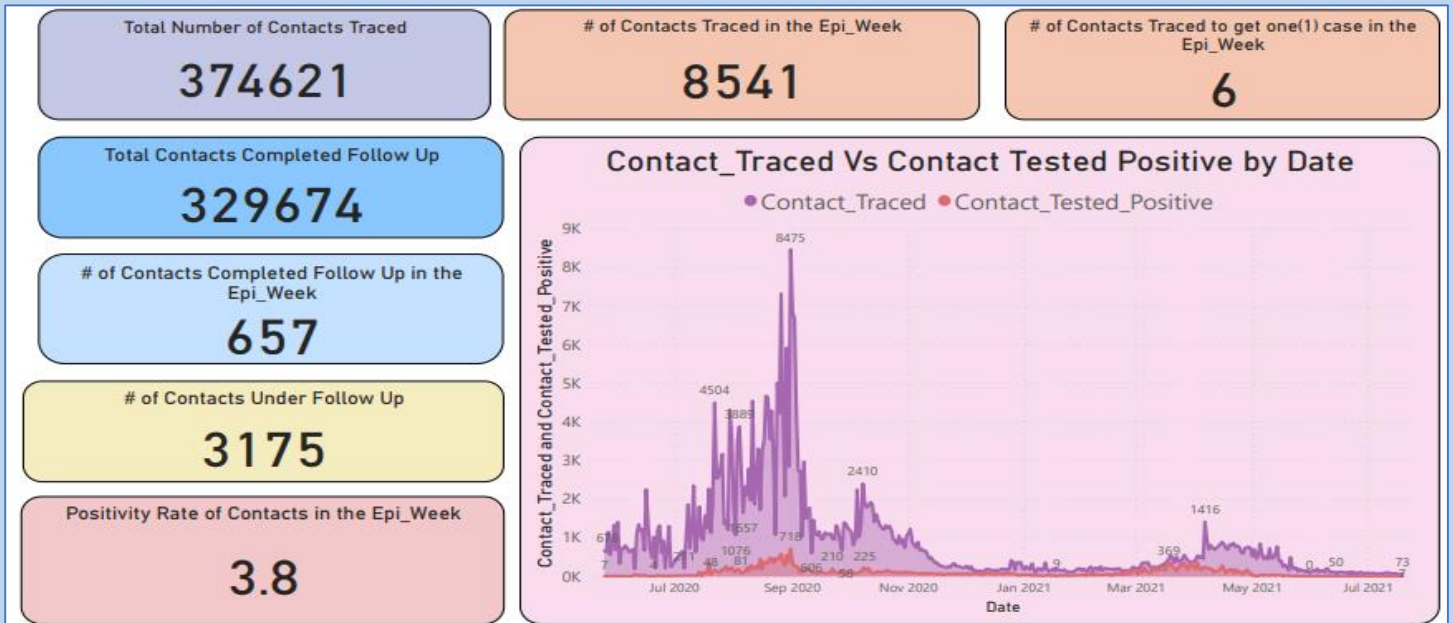


Fig. 12: Summary of COVID-19 contact tracing as of July 18, 2021, Ethiopia.

ii. Rumors collection and verification from all sources

- COVID-19 related rumors are received from different sources: Call centers, Health facilities, Contact follow up, Self-report, Travelers follow up, Point of Entry (PoE), Community surveillance and Special Settings.
- As of July 18, 2021:
 - 392,794 rumors/alerts have been received and investigated. Of these, 12 rumors were reported in the Epi-Week-28.
 - 279,089 (71.05%) of the rumors/alerts have fulfilled the suspected case definition.
- 16,605 COVID-19 related calls are received through call centers in this Epi-week.

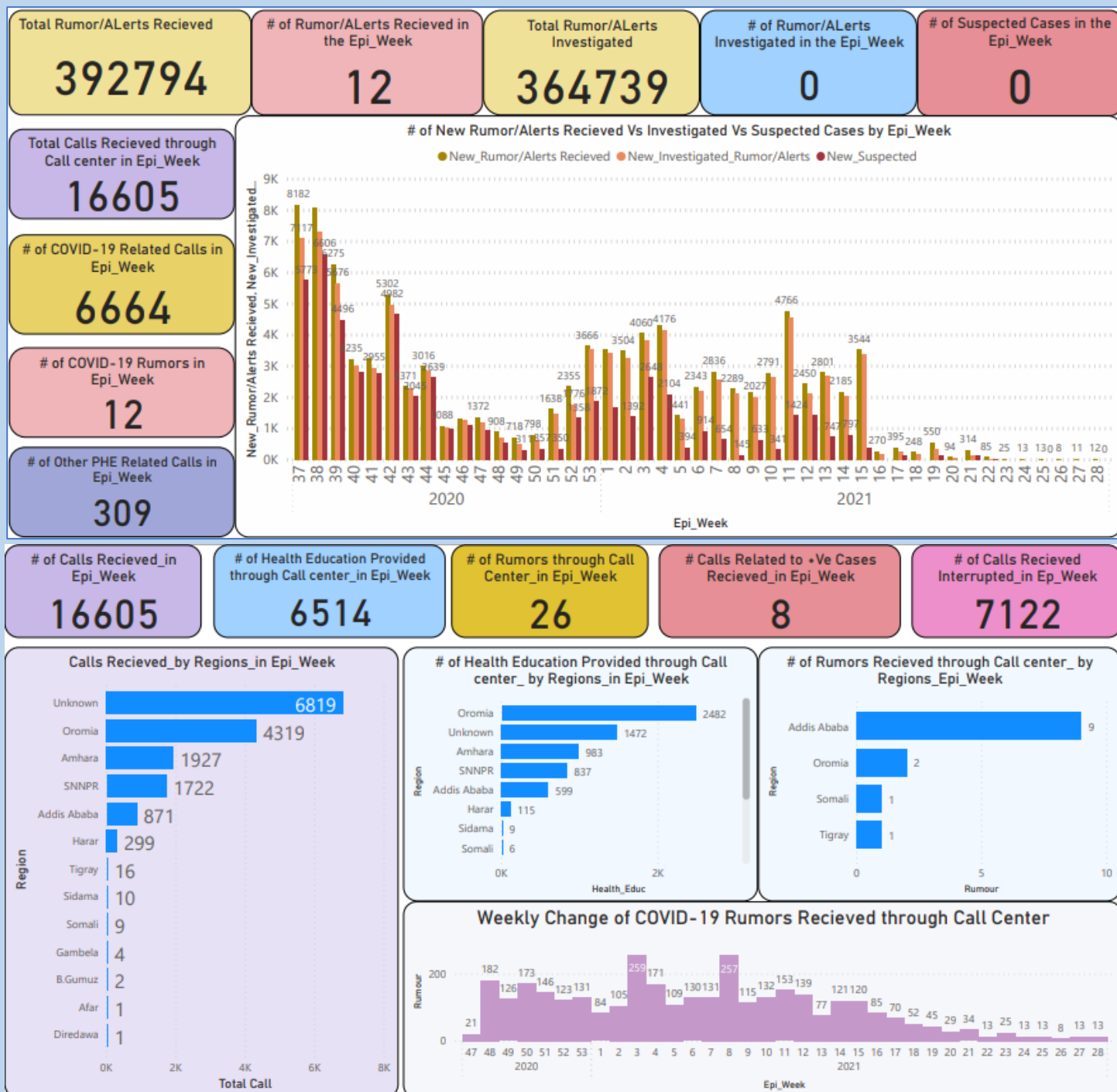


Fig. 13: Summary of COVID-19 rumor/alert investigation as of July 18, 2021, Ethiopia.

iii. Point of entry and Quarantine related activities

- Since the start of the outbreak, 2,434,801 passengers have been screened at the Point of Entries of Ethiopia and 761,694 (32%) of them were screened at Bole International Airport.
- Of the total passengers screened, 29,816 were screened for COVID-19 in the Epi-Week-28.
- As of July 18, 2021, among the passengers coming with COVID-19 PCR test result certificates 51 (none in Epi-week-28) passengers with PCR positive certificates were identified during health screening. A total of 91 SARS-COV-2 positive cases have been detected after arrival laboratory test.
- Antigen Rapid Diagnostic Test (Ag-RDT) for COVID-19 is started at Bole International Airport for returnees. The Ag-RDT was started on July 07, 2021. So far, 516 tests are conducted among which 39 positive cases are detected as of July 18, 2021.
- A total of 55,719 returnees were received through Bole International Airport since April 28, 2021. Among these 6,285 returnees were received in the Epi-week-28. The returnees are admitted to Wosen, Kotebe, Gurdsholla, Megenagna, Kirkos, Nifasilk Lafto, Gerji and Entoto returnee centers. Among all the returnees admitted to these center, 55,674 (99%) are discharged and there are 545 returnees currently in returnees' centers as of July 18, 2021.

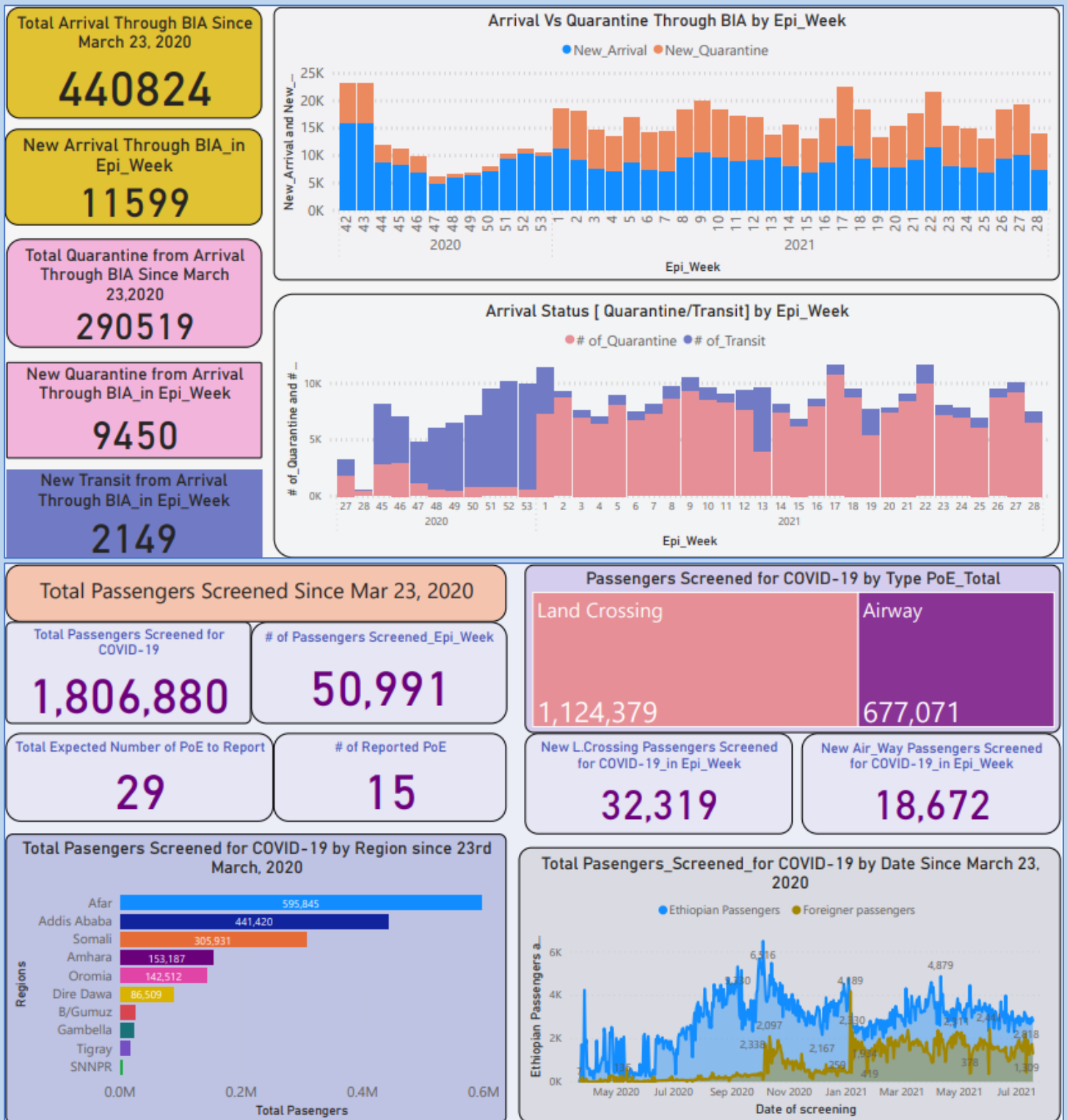


Fig. 14: Summary of Passengers screening for COVID-19 as of July 18, 2021, Ethiopia.

IV. Laboratory related activities

- As of 18 July 2021, a total of 2,955,540 samples have been tested for COVID-19 by laboratories across the country.
- 34,916 laboratory tests were processed during the Epi-Week-28 which is a 1% (219 in number) decrease compared to number of tests performed in the previous week.
- The laboratory test positivity rate for the Epi-Week-28 is 1.79%, which is a bit lower than that of the preceding week (1.81%).

- Oromia, Amhara and SNNP regional states have reported positivity rates higher than the national weighted average (figure 16 below). This shows that the COVID-19 epidemic has got high spread to regions. There is no report from Tigray regional state since June 29, 2021. The last report from the region was received on June 28, 2021.
- COVID-19 Antigen Rapid Diagnostic Test (Ag-RDT) is also being performed nationally. Among the total COVID-19 laboratory tests performed in Ethiopia, a total of 42,766 laboratory tests are performed by Ag-RDT among which 5,080 is performed in the Epi-week-28 (figure 15 below).

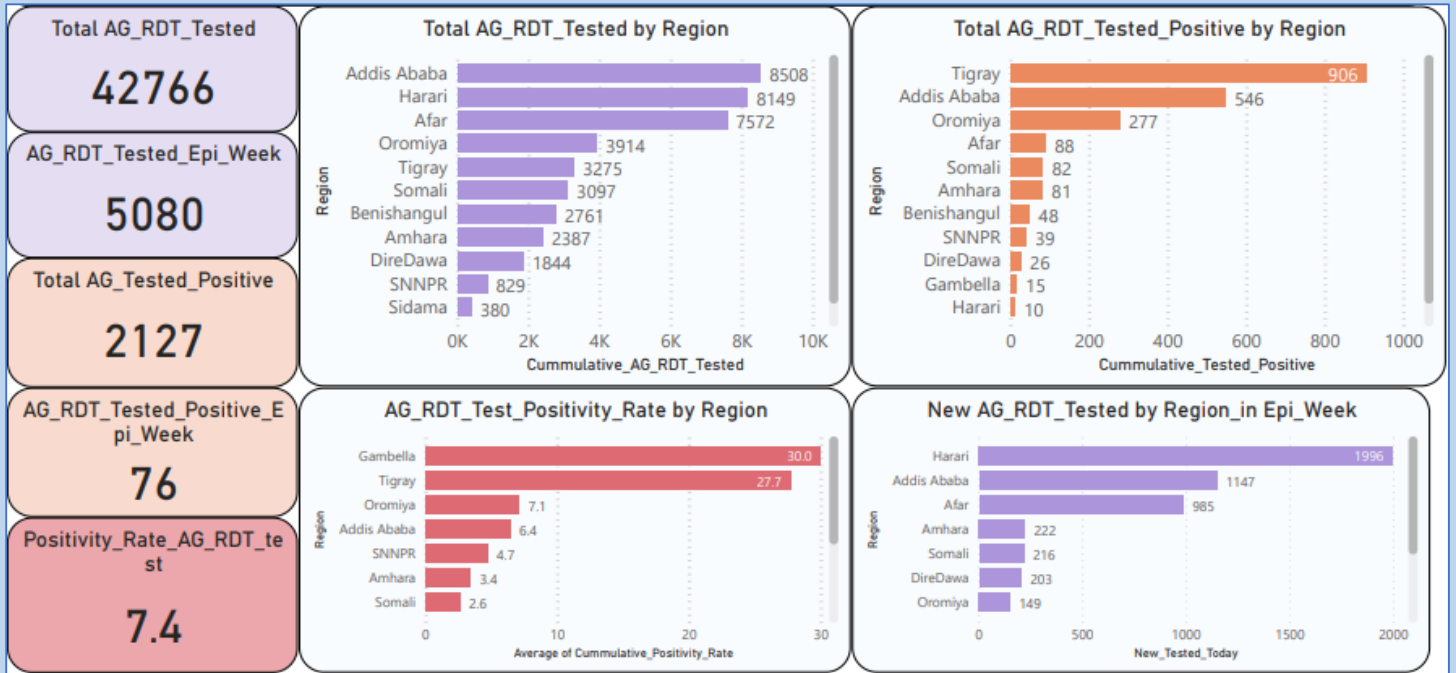
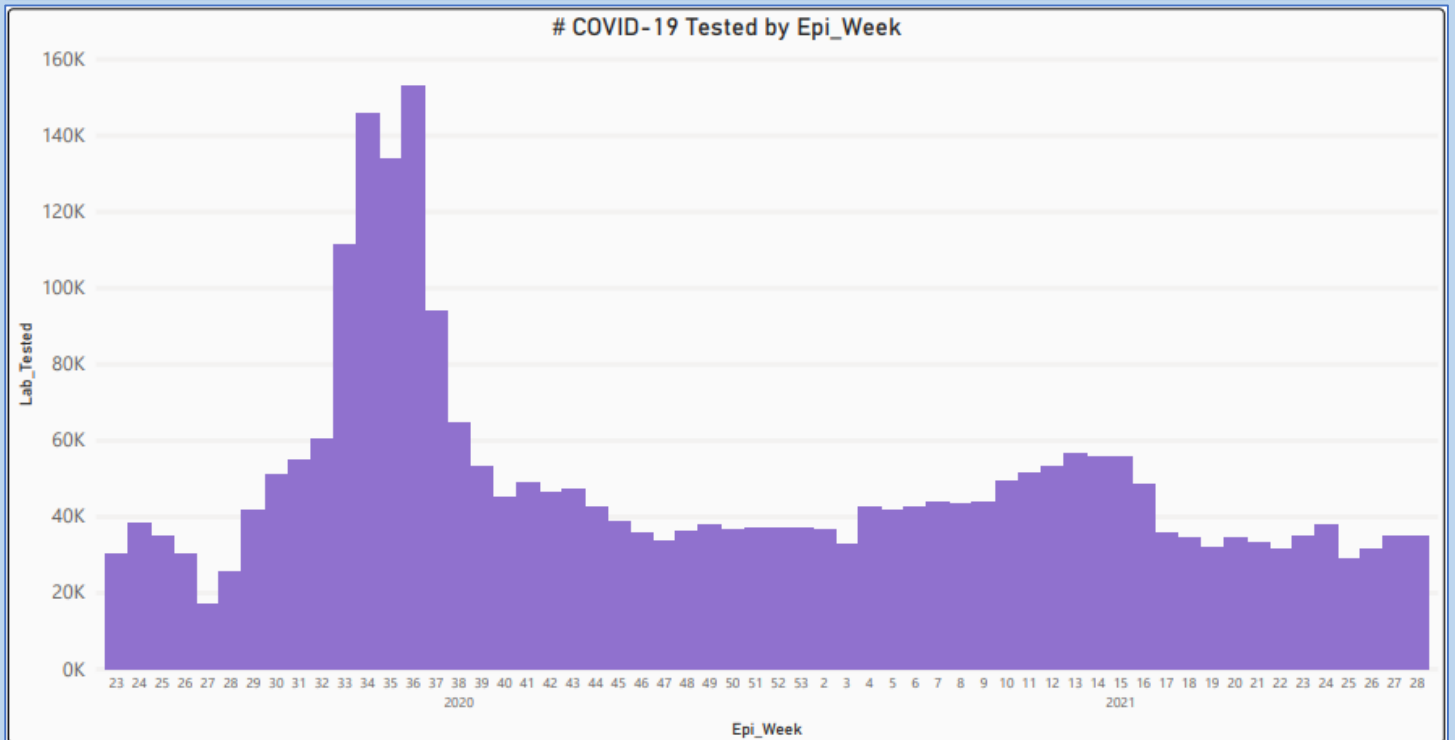
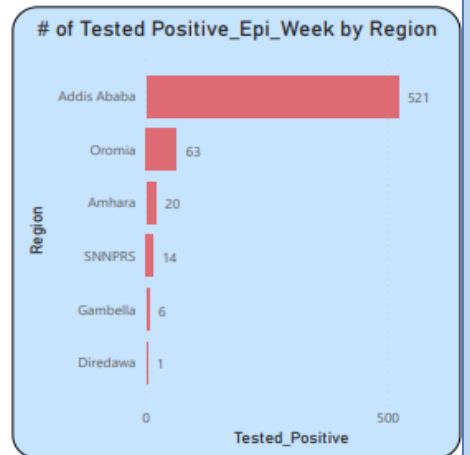
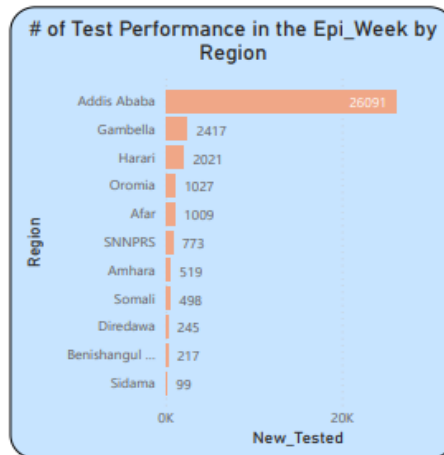
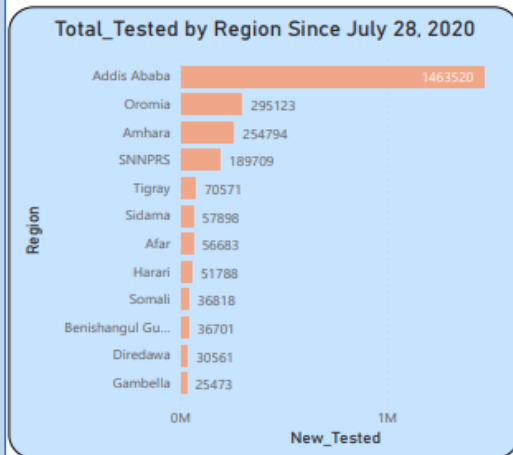
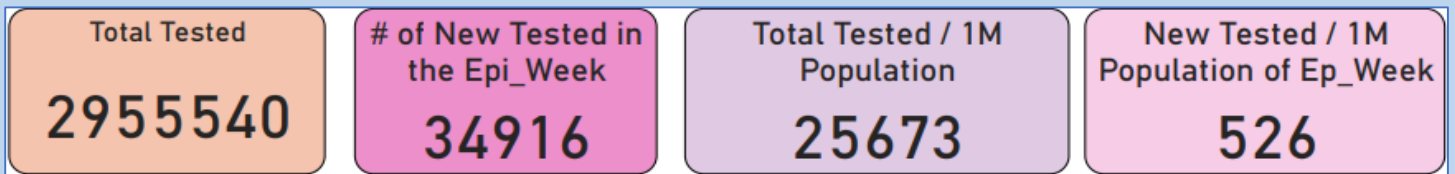


Fig. 15: Update on laboratory tests performed by Ag-RDT, as of July 18, 2021



Region/City Admn	New_Tested	Tested_Positive	New_Deaths	Positivity_Rate
Addis Ababa	26091	521	11	2.0
Gambella	2417	6	0	0.2
Harari	2021	0	1	0.0
Oromia	1027	63	0	11.8
Afar	1009	0	0	0.0
SNNPRS	773	14	0	2.8
Amhara	519	20	2	4.1
Somali	498	0	0	0.0
Diredawa	245	1	0	0.4
Benishangul Gumuz	217	0	0	0.0
Sidama	99	0	0	0.0
Tigray	0	0	0	0.0
Total	34916	625	14	2.0

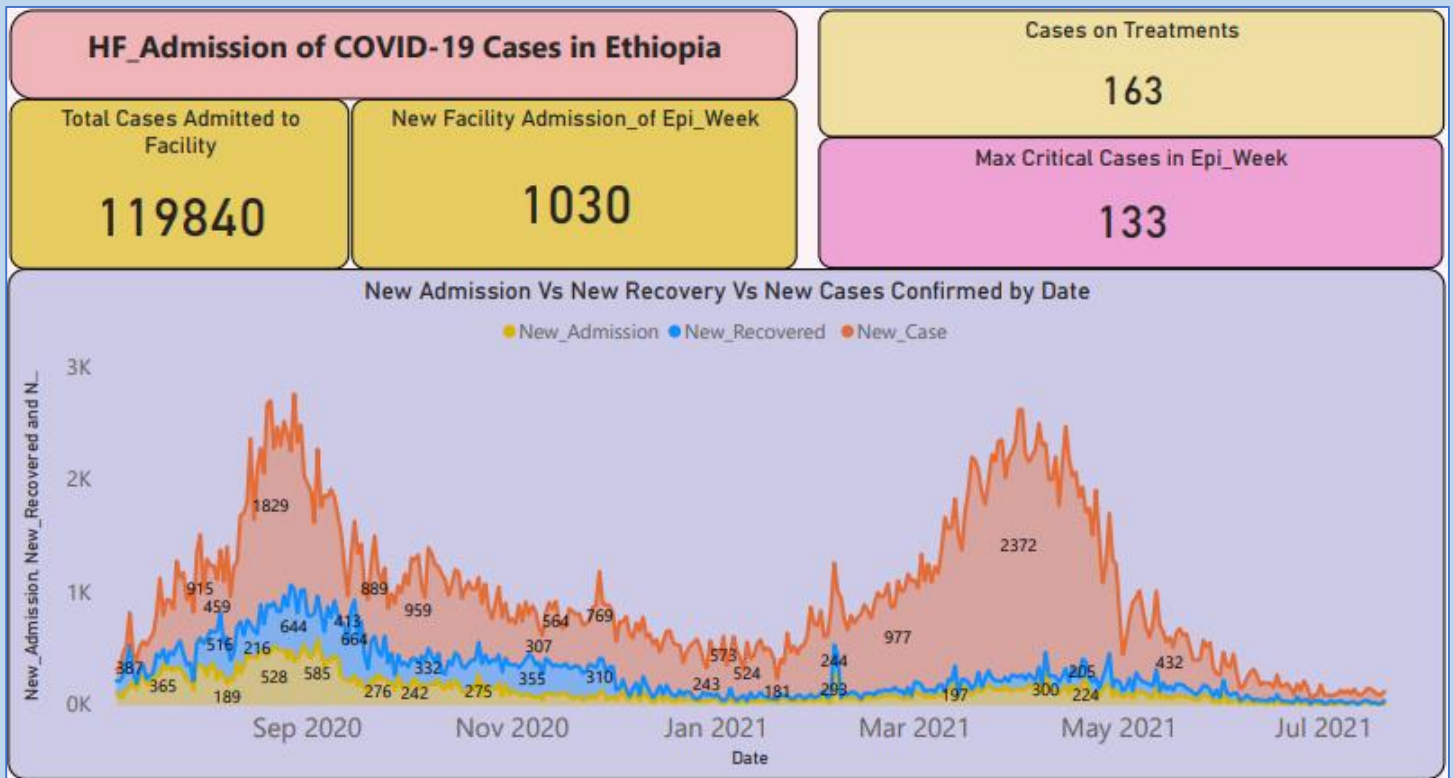
***** Positivity Rate is average of Regional Distn of Rates

Fig. 16: Summary of COVID-19 laboratory testing as of March July 18, 2021, Ethiopia.

V. Case Management and Facility Readiness

a. COVID-19 treatment center

- There were total of 325 newly recovered COVID-19 cases during the Epi-Week-29, bringing the total number of recovered cases to 262,314 (both from COVID-19 treatment center and from HBIC). This brings the overall recovery rate to 94%.
- The highest number of daily cases in severe condition reported in this week is 133.



HF=Health Facilities TC=Treatment Center

Fig. 17: Summary of COVID-19 cases in Health Facilities/Treatment centers, as of July 18, 2021.

Table 2: Summary of COVID-19 cases at treatment centers as of July 18, 2021

Regions	Total_Case	New_Case	Total_Admission	New_Admission	Total_Death	Total_Recovered	On_Treatment	Critical_Case
Addis Ababa	180641	75	29874	9	2266	26421	163	101
Oromia	39360	5	7279	0	523	6751	12	7
Amhara	11990	1	4556	0	255	4272	18	10
SNNPR	9047	0	4392	0	150	4278	3	0
Sidama	8431	0	3432	0	158	3210	1	1
Tigray	8171	0	5290	0	59	5206	16	14
Dire Dawa	5303	0	1182	0	67	1113	0	0
Harari	4341	0	1277	0	152	1121	0	0
Benishangul G	3565	0	890	0	19	855	12	0
Afar	2721	0	826	0	8	812	0	0
Somali	2507	0	660	0	57	600	1	0
Gambella	1526	0	682	0	8	649	0	0

b. Home Based Isolation and Care (HBIC):

- So far, 207,688 COVID-19 confirmed cases have been on HBIC. Of them 207,136 (99.73%) have recovered and 33 (0.016%) died.
- Of these, 751 cases have been enrolled to HBIC and 265 cases have recovered in the Epi-Week-28.
- As of July 18, 2021, there are 1,216 cases on HBIC.
- So far, 2,185 (none in the epi-week-28) of the cases have been transferred from treatment centers to HBIC after improvement.
- So far, 904 (six in the Epi-week-28) of the cases have been transferred from HBIC to treatment centers for better care.

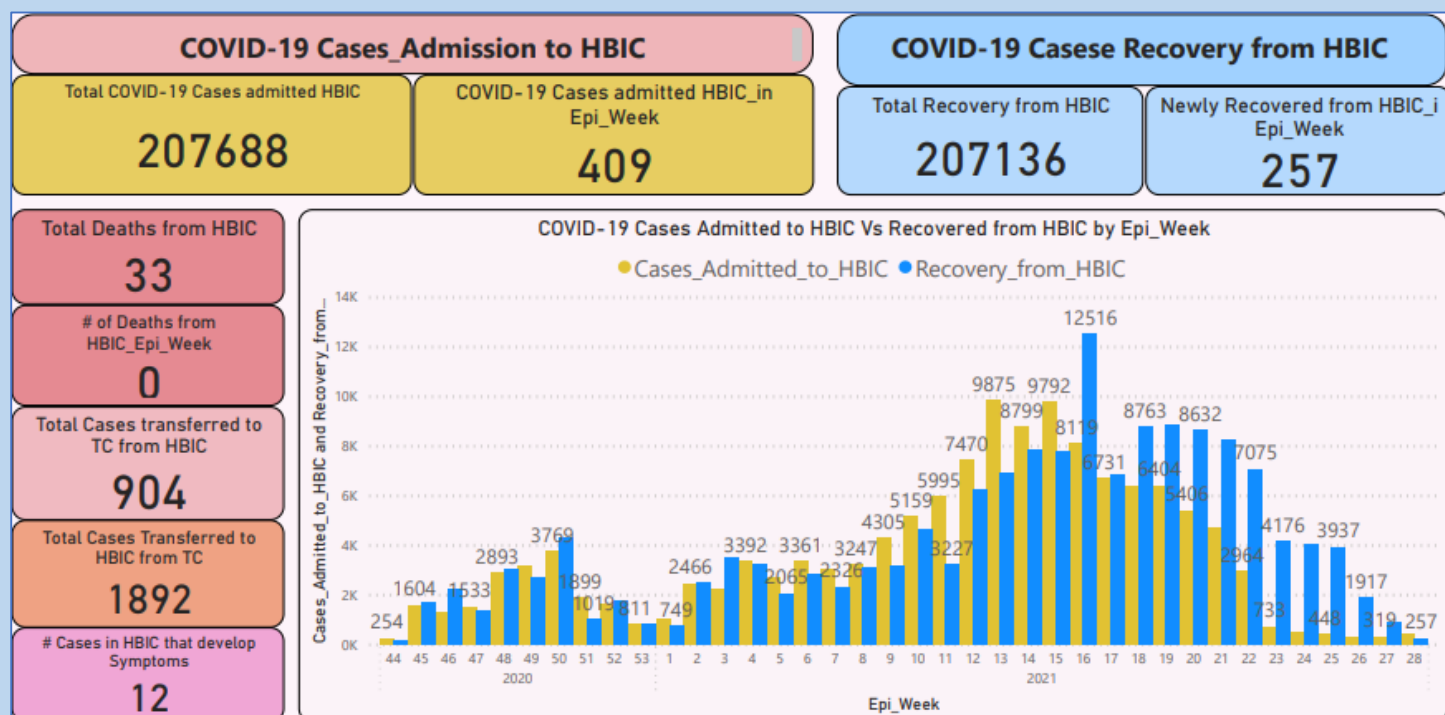


Fig. 18: Summary of COVID-19 Home Based Isolation and Care in Ethiopia, as of July 18, 2021.

VI. Risk Communication and Community Engagement (RCCE)

- Media (mass media and social media) monitoring on COVID-19 related information is ongoing.
- Text messages regarding COVID-19 prevention and control was sent to all subscribers of Ethio Telecom.
- Panel discussions and interviews in national radio and televisions has been conducted regarding current COVID-19 situation and news variants of SARS-COV-2.
- COVID-19 related key messages and updates shared on social media.

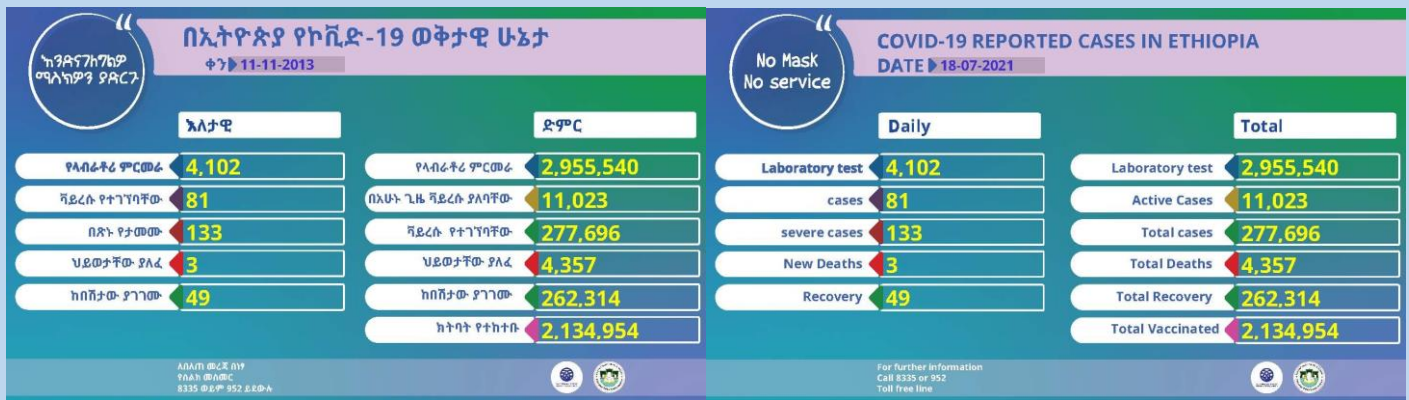


Fig. 19: COVID-19 situation update as of July 18, 2021 shared on social media.

VII. Coordination and Leadership

- The national PHEOC is collaboratively working with stakeholders: government agencies, partner organizations, UN agencies, embassies, hospitals, Industrial parks and others.
- Morning briefing of IMS is being conducted every day by core IMS staffs and key partners' representatives.
- Weekly joint meeting is ongoing, every Tuesday, among the national and regional Emergency Operations Centers COVID-19 response IMS (incident management system) to evaluate weekly COVID-19 situations, progress of response strategies, challenges faced and way forwards.

VIII. Challenges and Way Forward

a. Challenges

- Poor adherence to the public health and social measures by public figures and leaders.
- Poor attention given to COVID-19 at all levels by all responsible bodies.
- Weak law enforcement efforts to enhance adherence to COVID-19 prevention and control measures.
- Lack of full information on circulating variant and circulation of Alpha and Beta variants.
- Low stock status of personal protective equipment and laboratory supplies.
- COVID-19 vaccine related misinformation and hesitancy.
- Very low performance of the revitalization plan
- Very low utilization of Antigen-Rapid Diagnostic Test kits by facilities despite its distribution to all regions and capacity building activities.

b. Way Forward

- Enhancing law enforcement to enhance public health and social measures by all responsible bodies.
- Continuing the COVID-19 vaccination.
- Genomic surveillance establishment, networking and strengthening.
- Intensifying risk communication and community engagement activities.

- Strengthening collaboration and coordination with key stakeholders and partners.
- Advocating and strengthening Home Based Isolation and Care (HBIC).
- Conducting intensive testing of high-risk population group and contacts of confirmed cases for COVID-19.
- Enhancing technical support, coordination and timely and accurate information sharing at all levels.
- Enhancing active surveillance for COVID-19 such as house-to-house case search and detection in the community.
- Intensification of a capacity building trainings and orientation including through virtual/online platforms.
- Strengthening and sustaining other essential health services besides COVID-19.
- Enhancing performance and follow up on Antigen Rapid Diagnostic Test Kits from regional COVID-19 testing sites.
- Conduct '*I have a stake*' Initiatives at selected sector offices and launch the theme '*I have a stake to prevent further impacts and spread of new variants*' in each sectors based on organizational structure and culture.

IX. Public Health Policy Recommendation

Advice for the Public:

- For any individual confirmed to have COVID-19 and who is candidate for Home Based Isolation and Care:
 - Properly isolate from other family members.
 - Take full responsibility in prevention of transmission
 - Strictly adhere to the National Directive of Home-Based Isolation & Care.
 - Provide reliable information during regular follow up either by phone or home visit.
 - Report to nearest health facilities/follow up team in case of any emergency, appearance of new symptoms or worsening of existing symptoms.
- It is important to be informed of the situation and act appropriately to protect yourself and your family.
 - Wash hands frequently;
 - Don't touch your mouth, nose or eye by unwashed hands;
 - Keep physical distancing; avoid mass gathering and shaking hands;
 - Get vaccinated against COVID-19.
- For most people, COVID-19 infection will cause mild illness however, it can make some people very ill and, in some people, it can be fatal.
- Older people, and those with pre-existing medical conditions (such as cardiovascular disease, chronic respiratory disease or diabetes) are at risk for severe disease.
- If anybody had contact with a COVID-19 confirmed patient, he/she should call 8335 or 952 or report to regional toll-free lines or to the nearby health facilities.

National/Regional official websites, social media pages and toll-free hotline for COVID-19 information

MOH/EPHI/Region	Facebook page	Toll-free hotline	Email address (PHEOCs email)
Ethiopian Public Health Institute Main Website	https://www.ephi.gov.et/	8335/952	ephieoc@gmail.com
Ethiopian Public Health Institute COVID-19 Website	https://covid19.ephi.gov.et/		
Ethiopian Public Health Institute Facebook Page	https://www.facebook.com/ephipage/		
Ethiopian Public Health Institute Twitter Page	https://twitter.com/EPHIEthiopia		
Ethiopian Public Health Institute Telegram Channel	https://t.me/EthPHI		
Ethiopian Public Health Institute YouTube Channel	https://www.youtube.com/channel/UCvvtZeY-IJiQfEFBULH9Mkw		
Ministry of Health, Ethiopia Website	www.moh.gov.et	952	
Ministry of Health, Ethiopia Facebook Page	https://www.facebook.com/EthiopiaFMoH/		
Afar Regional Health Bureau	https://www.facebook.com/afarrhb.org/	6220	afarpheoc@gmail.com
Amhara Regional Health Bureau	https://www.facebook.com/Amhara-Healthbureau-682065755146948/	6981	aphieoc@gmail.com
Benishangul Gumuz Regional Health Bureau	https://www.facebook.com/Benishangul-Gumuz-Health-Bureau-1676282159265517/	6016	bgpheoc@gmail.com
Gambela Regional Health Bureau	https://fb.me/gambellaregionhealthbureau	6184	gambellapheoc@gmail.com
Harari Regional Health Bureau	https://www.facebook.com/Harari-Regional-Health-Bureau-1464182130355007/	6864	hrhbpheoc@gmail.com
Oromia Regional Health Bureau	https://www.facebook.com/OromiaHealth/	6955	oromiapheoc@gmail.com
Somali Regional Health Bureau	https://www.facebook.com/srhbdotcom/...	6599	somalipheoc@gmail.com
SNNP Regional Health Bureau	https://www.facebook.com/snnprhealthbureau/?ref=br_rs	6929	snnppheoc@gmail.com
Tigray Regional Health Bureau	https://www.facebook.com/tigrayrhb/	6244	tigraypheoc@gmail.com
Sidama PHEM			sidamapheoc@gmail.com
Dire Dawa city Administration Health Bureau	https://www.facebook.com/Dire-Dawa-Administration-Health-Bureau-1371606266279524/	6407	ddpheoc@gmail.com
Addis Ababa City Administration Health Bureau	https://www.facebook.com/aahb.gov.et/	6406	aapheoc@gmail.com

COVID-19 updates and sources of evidence:

Source	Link
WHO Coronavirus (COVID-19) dashboard	https://covid19.who.int/
Africa CDC Dashboard, COVID-19 Surveillance Dashboard	https://au.int/en/covid19
WHO COVID-19 daily situation reports	https://www.who.int/emergencies/diseases/novel-coronavirus-2019/situation-reports
WHO Academy mobile learning app for health workers, COVID-19 information	Android- https://play.google.com/store/apps/details?id=org.who.WH

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://covid19.ephi.gov.et/covid-19/>)

DISCLAIMER

This weekly bulletin is produced based on figures pulled from official releases of the World Health Organization and activities and reports of all the sections under the Incident management System.

This Weekly Bulletin series of publications is published by the Ethiopian public health Institute (EPHI), public health emergency operation center (PHEOC). The aim of this bulletin is to inform decision makers within the institute and FMOH, UN agencies and NGOs about COVID-19 preparedness and response activities.

All interested health and other professionals can get this bulletin at the Institute website; www.ephi.gov.et

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