



## NATIONAL PUBLIC HEALTH EMERGENCY OPERATION CENTER (PHEOC), ETHIOPIA

### COVID-19 PANDEMIC PREPAREDNESS AND RESPONSE IN ETHIOPIA

## WEEKLY BULLETIN

Epi-Week- 31 (August 02 – 08, 2021)

BULLETIN №: 67

## I. HIGHLIGHTS

- A total of 45,784 laboratory samples were tested in the Epi-Week-31 bringing the total number of samples tested to 3,069,384.
- A total of 3,526 new confirmed COVID-19 cases and 36 COVID-19 related deaths were reported during the Epi-Week-31 bringing the total cases and death to 284,091 and 4,426 respectively.
- On August 08, 2021, there are 293 cases in severe condition which is higher than the maximum number of daily cases in severe cases in the previous week (240).
- A total of 210,821 COVID-19 confirmed cases have been managed at Home Based Isolation and Care so far; 2,667 of these were enrolled in the Epi-Week-31.
- The number of COVID-19 cases, critical cases, deaths and the number of positive samples among the tested samples have shown increment in this week.

## II. Subjects in Focus:

### a) Vaccination against COVID-19 in Ethiopia

- In Ethiopia, a total of 2,270,390 doses of COVID-19 vaccine (either AstraZeneca or Sinopharm) are administered so far. The second dose of the vaccine jab is administered for 247,457 individuals who took the first dose.

Table 1: Summary of vaccination against COVID-19 in Ethiopia as of August 08, 2021

Types of vaccine	Category of vaccinated population	First dose	Second dose	Total
Astra Zeneca		2,012,409	244,478	2,256,887
Sino pharm		10,524	2,979	13,503
	Health workers	320,812	112,732	
	65+ years old	870,998	63,106	
	55 – 64 years old	793,363	68,640	
	30 – 54 years old (Somali region only)			27,236
<b>Grand Total</b>		<b>2,022,933</b>	<b>247,457</b>	<b>2,270,390</b>

## **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 August 08, 2021.
  - Globally, cases of the Alpha variant have been reported in 185 (three new) countries, territories or areas, while 136 countries (four new countries) reported cases of the Beta variant; 81 countries (no new country) reported cases of the Gamma variant; 142 countries (seven 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

## **III. EPIDEMIOLOGICAL SITUATION**

### **a. Global Situation**

- Globally, nearly 6 million new cases are reported in the last week (Figure 1) which is a 6% increase as compared to the previous week.
- More than 104 thousand new deaths (an equivalent increment compared to previous week) are reported globally in the Epi-week-31.
- As of August 08, 2021, a total of 195,597,046 COVID-19 cases and 4,067,303 deaths (CFR=2.08%) have occurred globally. Of the total cases and deaths reported since the beginning of the outbreak, 5,986,898 cases and 104,737 deaths were reported during the Epi-Week-31.
- 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 (1,143,988 new cases), India (643,832 new cases), Brazil (547,592 new cases), the Islamic Republic of Iran (266,015 new cases) and Indonesia (238,285 new cases).
- In Africa, as of August 08, 2021, a total of 6,852,133 cases and 171,649 deaths were reported across the continent (CFR=2.51%). Of these 380,969 cases (1% decrease compared to previous week) and 8,821 deaths (1% increase compared to previous week) were reported during the Epi-Week-31.
- 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.

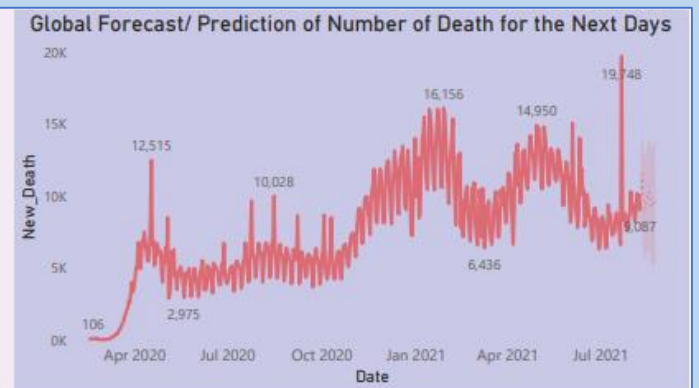
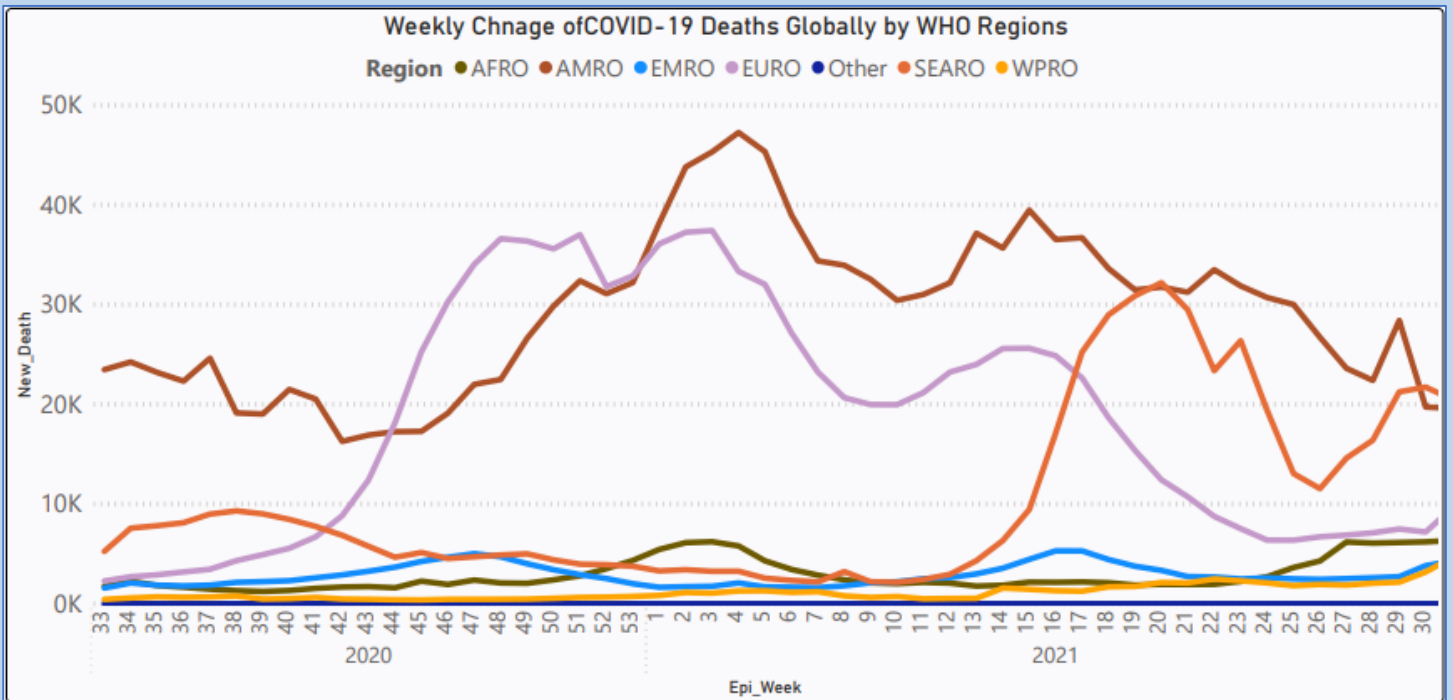
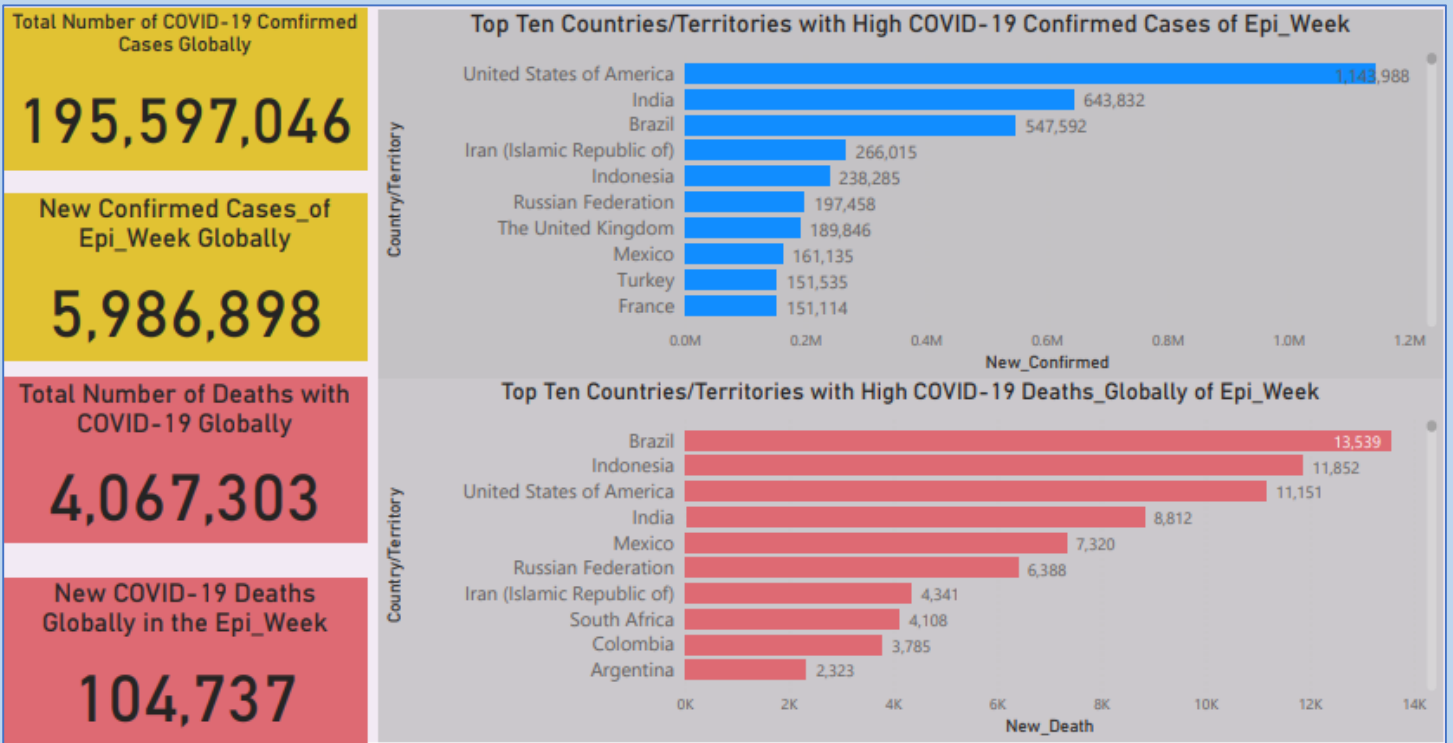
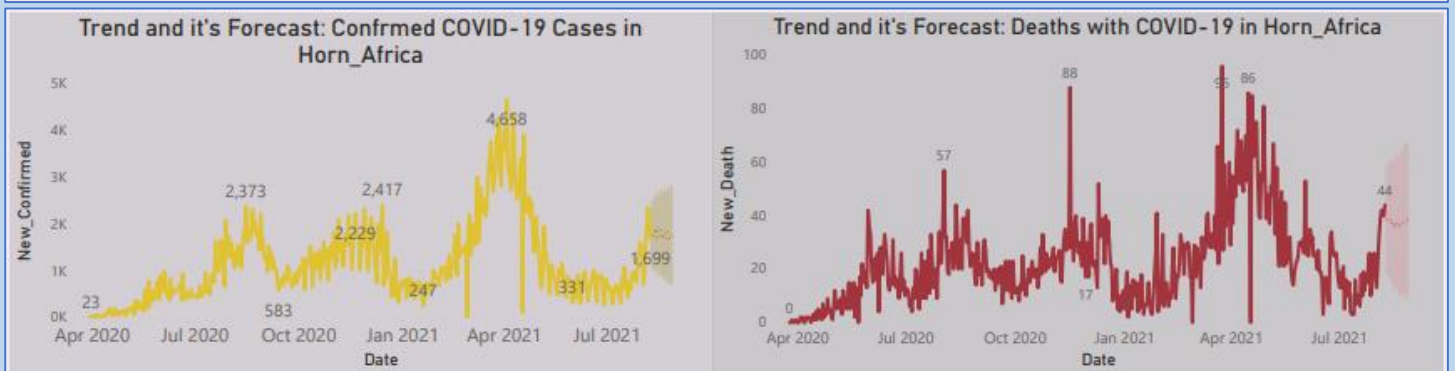
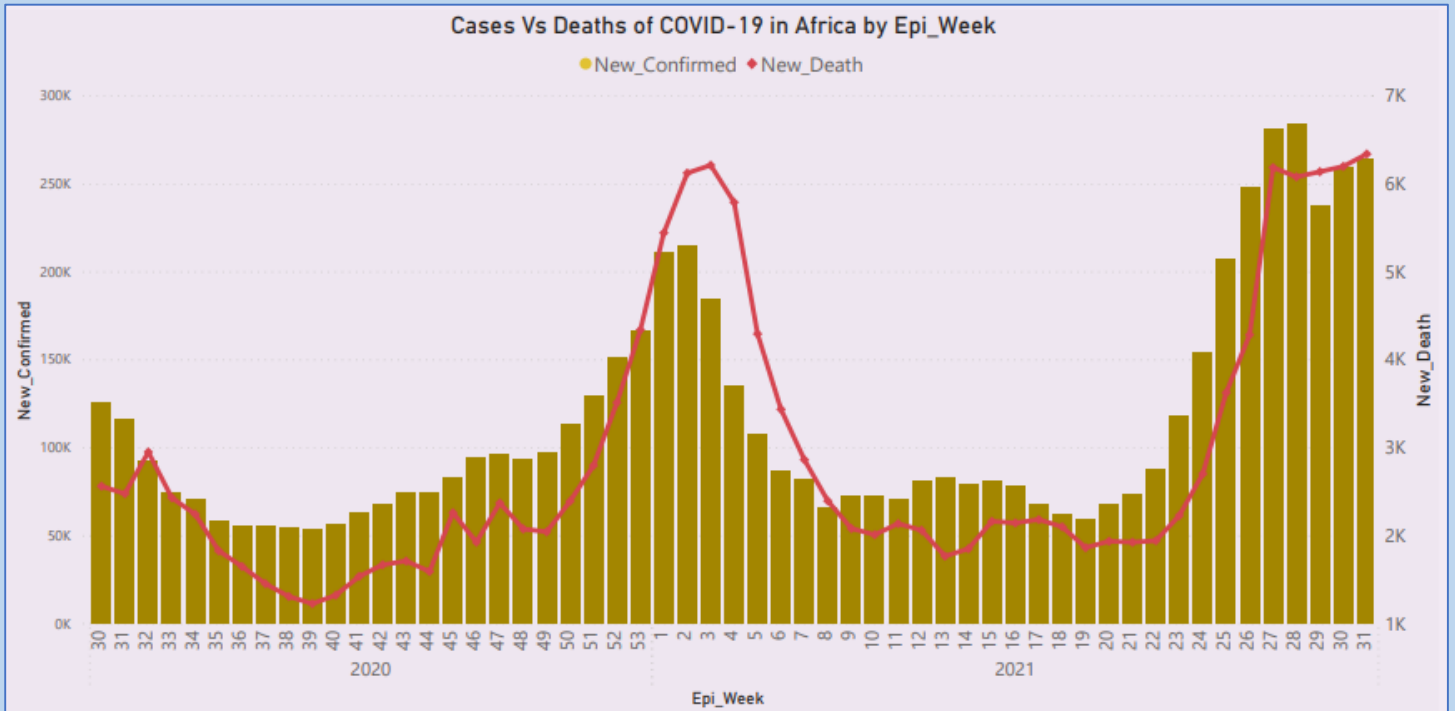
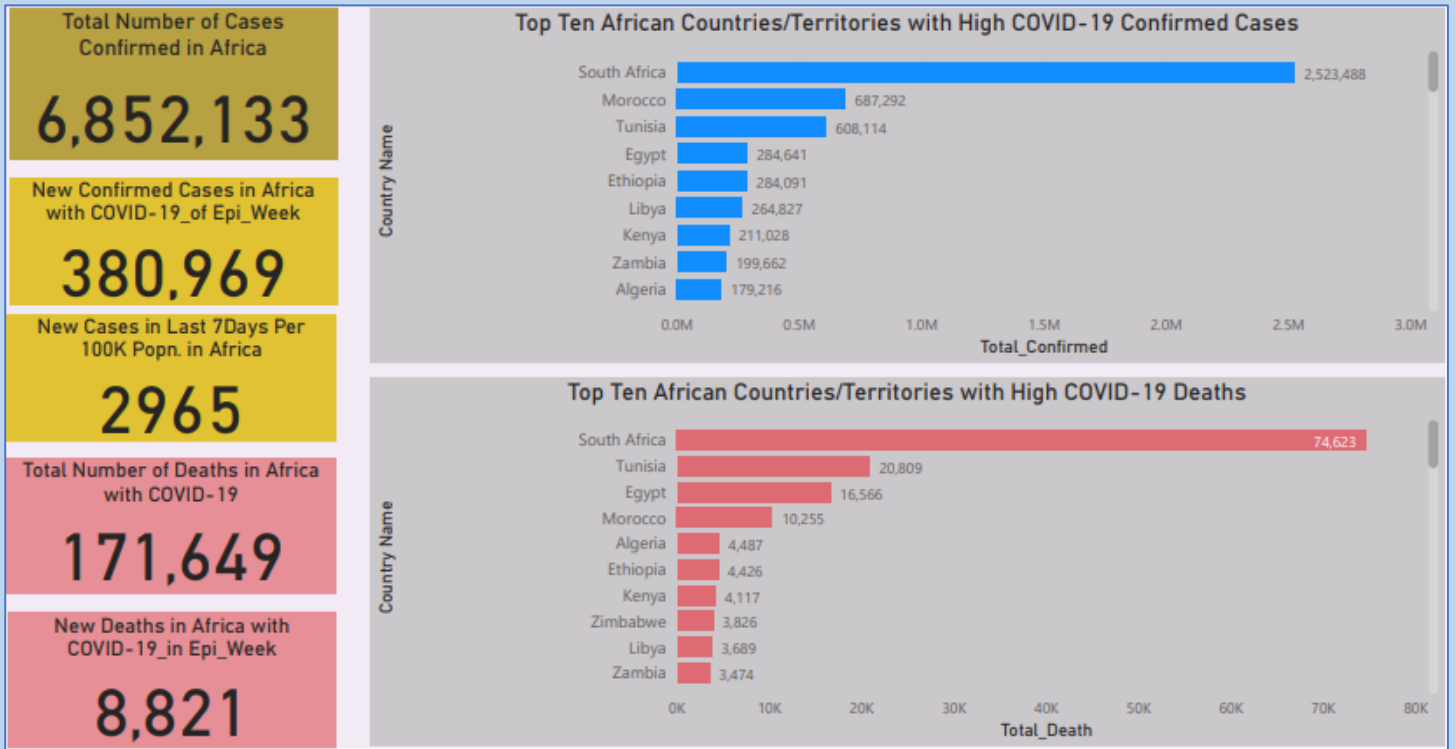


Figure 1: COVID-19 Global Situation Update as of August 08, 2021 (Source: WHO)



**Figure 2: COVID-19 Situation Update in Africa as of August 08, 2021 (Source: WHO)**

## b. National COVID-19 situation:

- As of August 08, 2021, a total of 284,091 confirmed COVID-19 cases and 4,426 deaths were recorded in the country with a case fatality rate of 1.56%. This puts Ethiopia in the fifth position by the number of confirmed cases and in the sixth position by the number of deaths due to COVID-19 in Africa.
- Three-thousand-five-hundred-twenty-six (3,526) newly confirmed COVID-19 cases and 36 COVID-19 related deaths were reported during the Epi-Week-31.
- In this week, there is nearly 74% increase in the number of COVID-19 confirmed cases and there is a 71% (15 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 2: Summary of National COVID-19 situation in the Epi-Week-31 of 2021**

Regions	New_Tested	New_Case	New_HF_Admission	New_Deaths	Positivity Rate	# of Recovery
Addis Ababa	35132	3287	298	34	9.4	616
Oromia	6352	153	17	1	11.6	111
SNNPR	1229	23	5	0	3.0	30
Afar	856	9	0	0	0.7	0
Amhara	694	15	6	0	3.6	5
Dire Dawa	509	8	2	1	1.8	2
Harari	357	4	0	0	1.0	3
Somali	340	4	0	0	2.7	1
Sidama	217	23	0	0	9.7	1
Benishangul G	98	0	0	0	0.0	0
Gambella	0	0	0	0		0
Tigray	0	0	0	0		261
<b>Total</b>	<b>45784</b>	<b>3526</b>	<b>328</b>	<b>36</b>	<b>**** 4.6</b>	<b>1030</b>

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

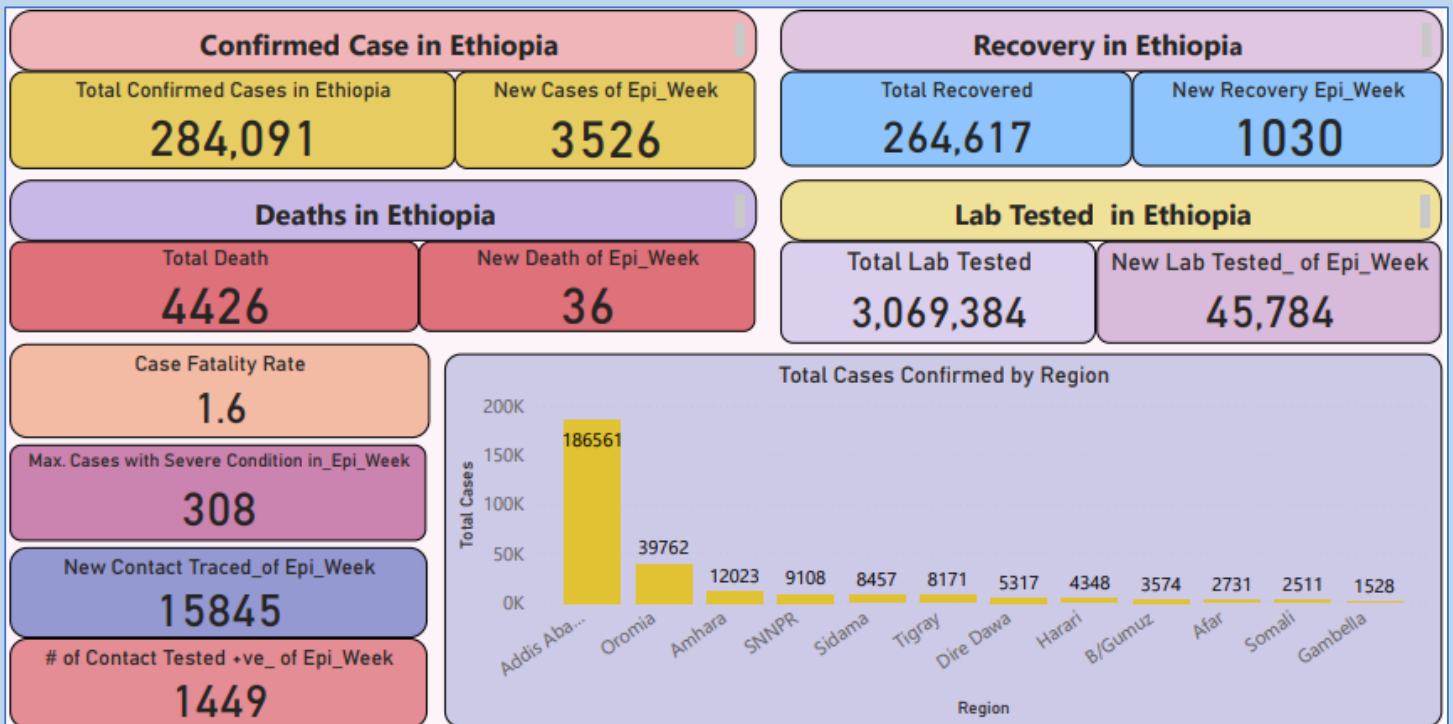


Figure 3: Weekly summary of the COVID-19 situation in Ethiopia as of August 08, 2021, Ethiopia

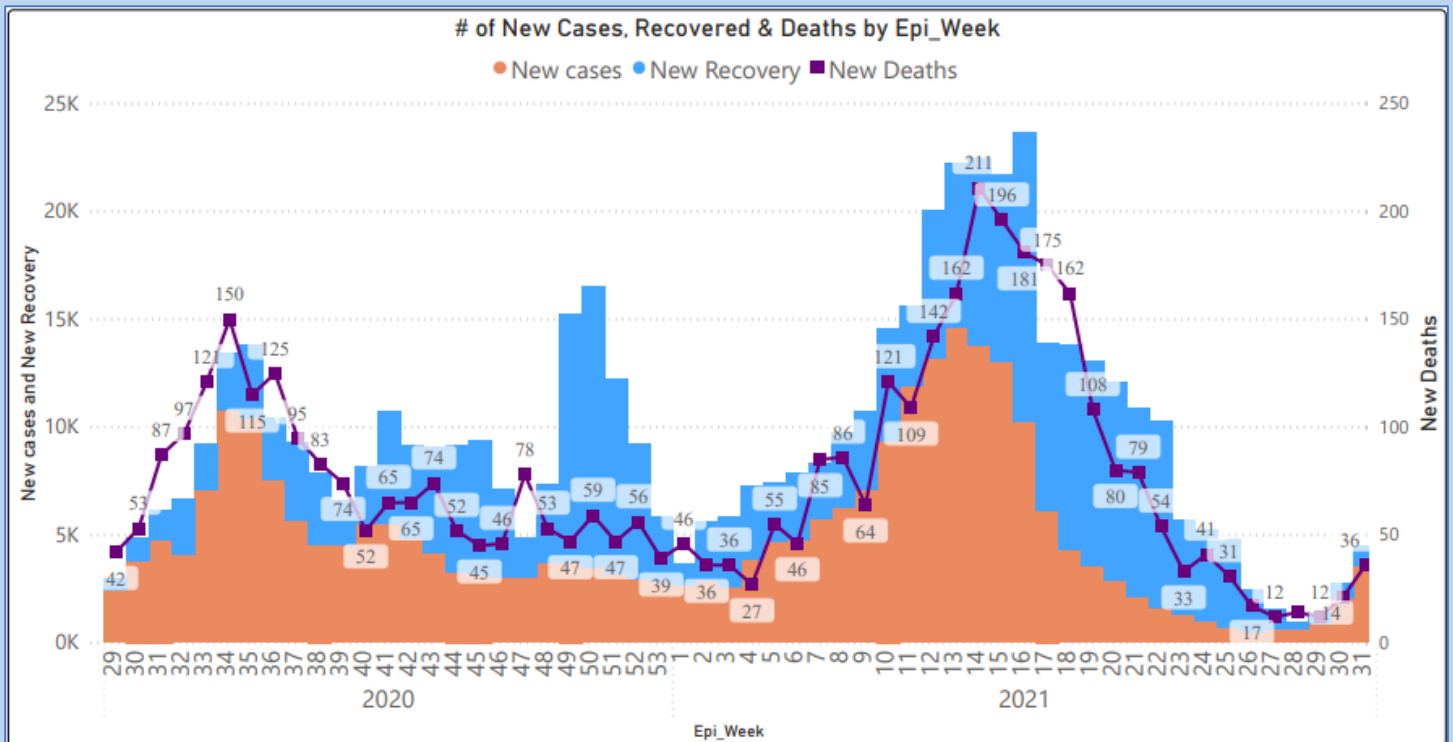


Figure 4: COVID-19 confirmed cases, recovery and death by Epi-Week as of August 08, 2021, Ethiopia

### 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.

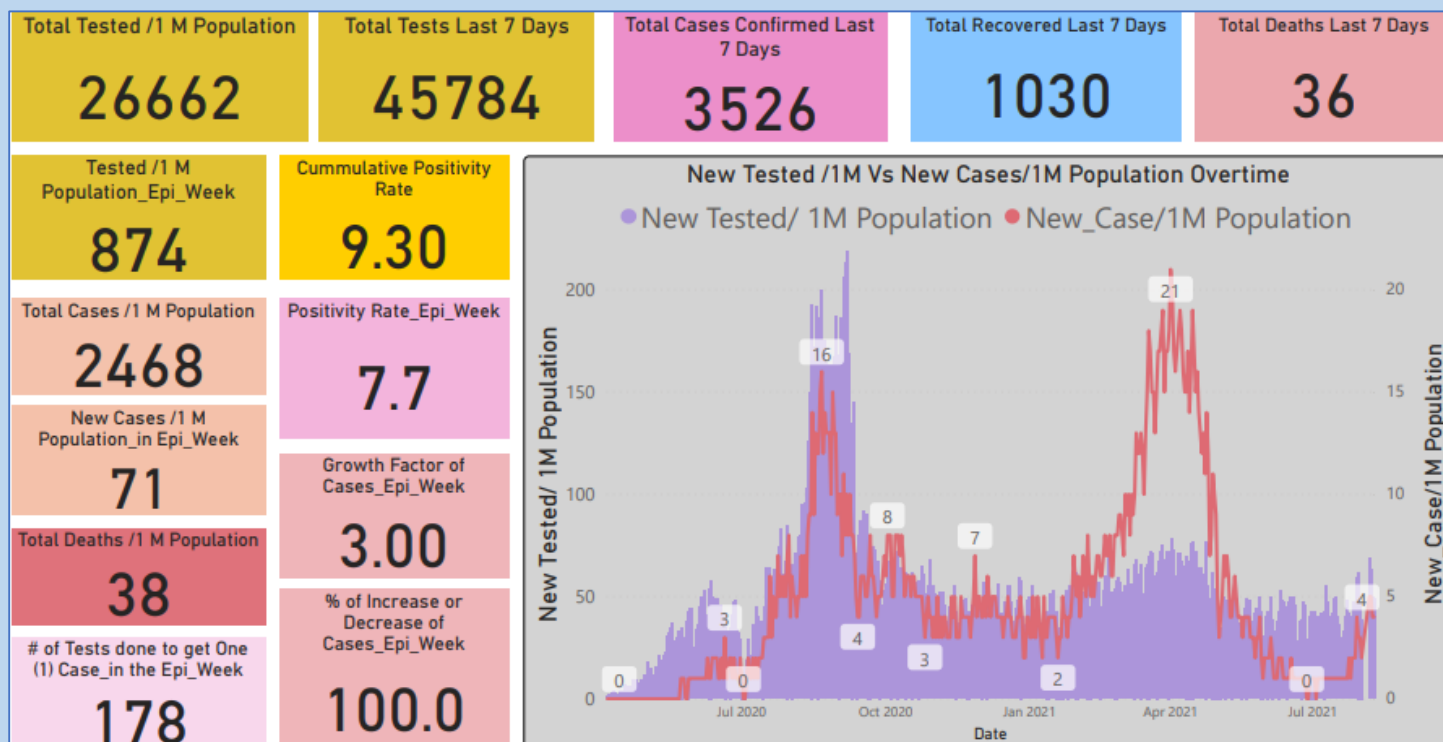


Figure 5: Summary of COVID-19 confirmed cases in Ethiopia as of August 08, 2021.

**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 August 08, 2021:
  - A total of 379,018 contacts of confirmed cases have been identified. Of these, 845 contacts were identified in the Epi-Week-31.
  - Of total contacts, 334,841 (88.04%) have completed follow-up, while 2,868 contacts are still on follow-up.
  - All the contacts traced are from Addis Ababa city administration and SNNPR; no contact tracing activity is being conducted in other regions.
- Overall, 42,421 (11.19%) of the contacts (symptomatic plus asymptomatic) have been tested positive.
- Contacts of the confirmed cases contributed for the 14.93% of the total cases.

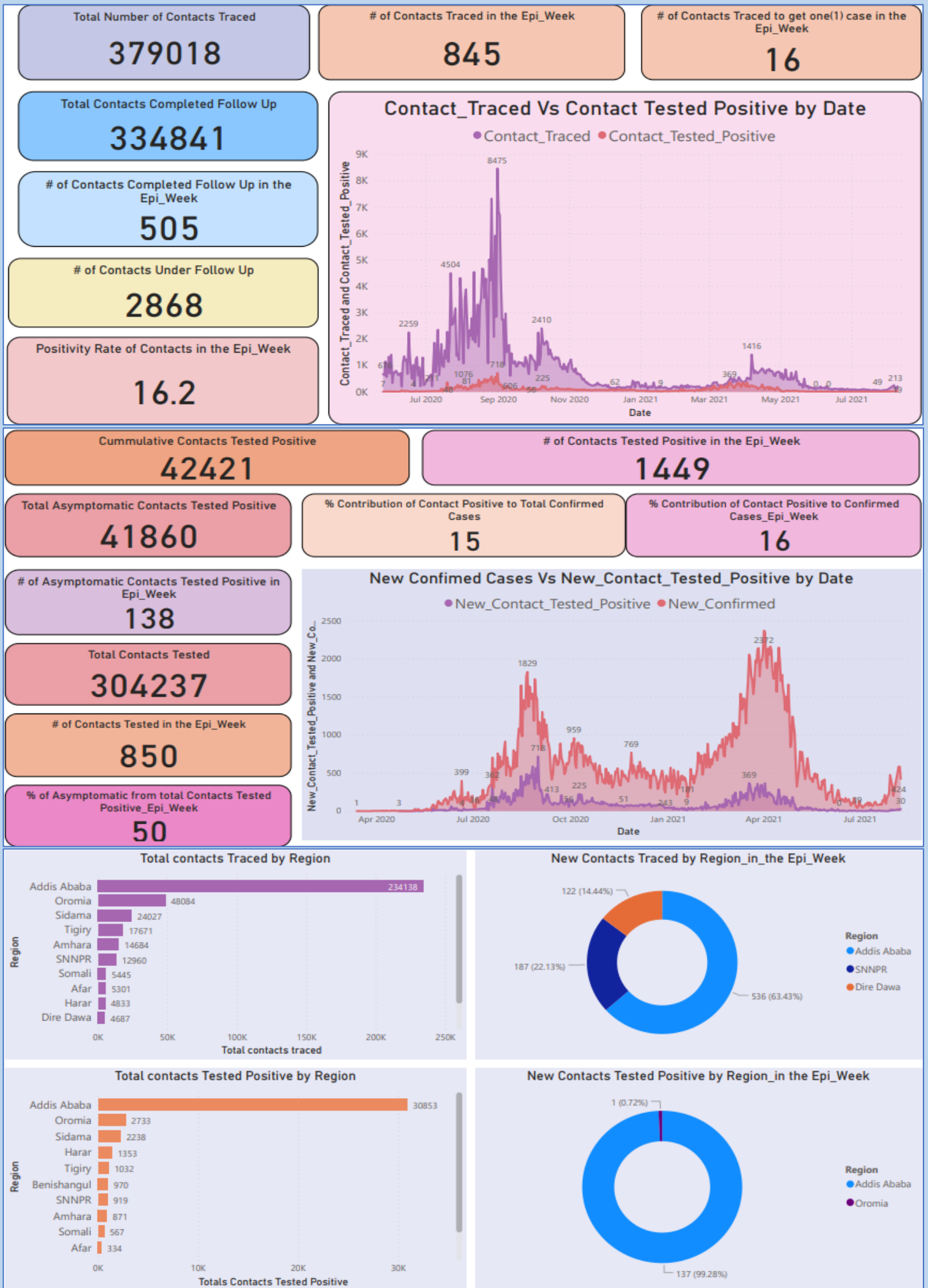


Figure 6: Summary of COVID-19 contact tracing as of August 08, 2021, Ethiopia.



## 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 August 01, 2021:
  - 392,840 rumors/alerts have been received and investigated. Of these, 5,310 rumors were reported in the Epi-Week-31.
  - 279,089 (71.04%) of the rumors/alerts have fulfilled the suspected case definition.
- 32,944 COVID-19 related calls are received through call centers in this Epi-week.

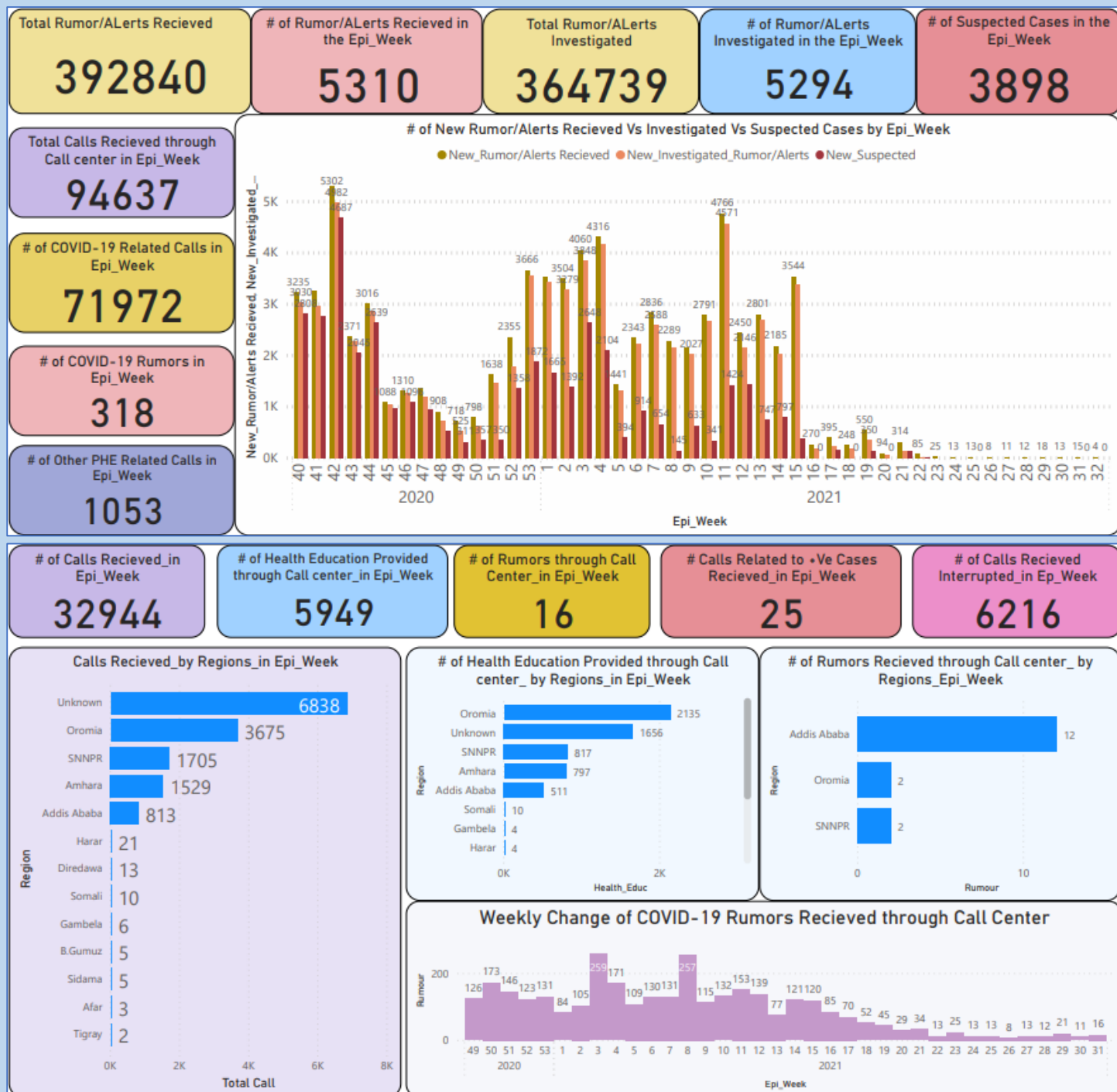


Figure 7: Summary of COVID-19 rumor/alert investigation as of August 08, 2021, Ethiopia.

### **iii. Point of entry and Quarantine related activities**

- Since the start of the outbreak, 2,516,975 passengers have been screened at the Point of Entries of Ethiopia and 781,381 (32%) of them were screened at Bole International Airport.
- Of the total passengers screened, 28,989 were screened for COVID-19 in the Epi-Week-31.
- As of August 08, 2021, among the passengers coming with COVID-19 PCR test result certificates 51 (none in Epi-week-31) passengers with PCR positive certificates were identified during health screening. A total of 91 SARS-COV-2 positive cases have been detected by RT-PCR after arrival laboratory test.
- Antigen Rapid Diagnostic Test (Ag-RDT) for COVID-19 is also 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 August 08, 2021.
- A total of 55,719 returnees were received through Bole International Airport since April 28, 2021. No returnee was received in the Epi-week-31. The returnees are admitted to Wosen, Kotebe, Gurdsholla, Megenagna, Kirkos, Nifasilk Lafto, Gerji and Entoto returnee centers. All the returnees are discharged and there is no returnee currently in returnees' centers as of August 08, 2021.

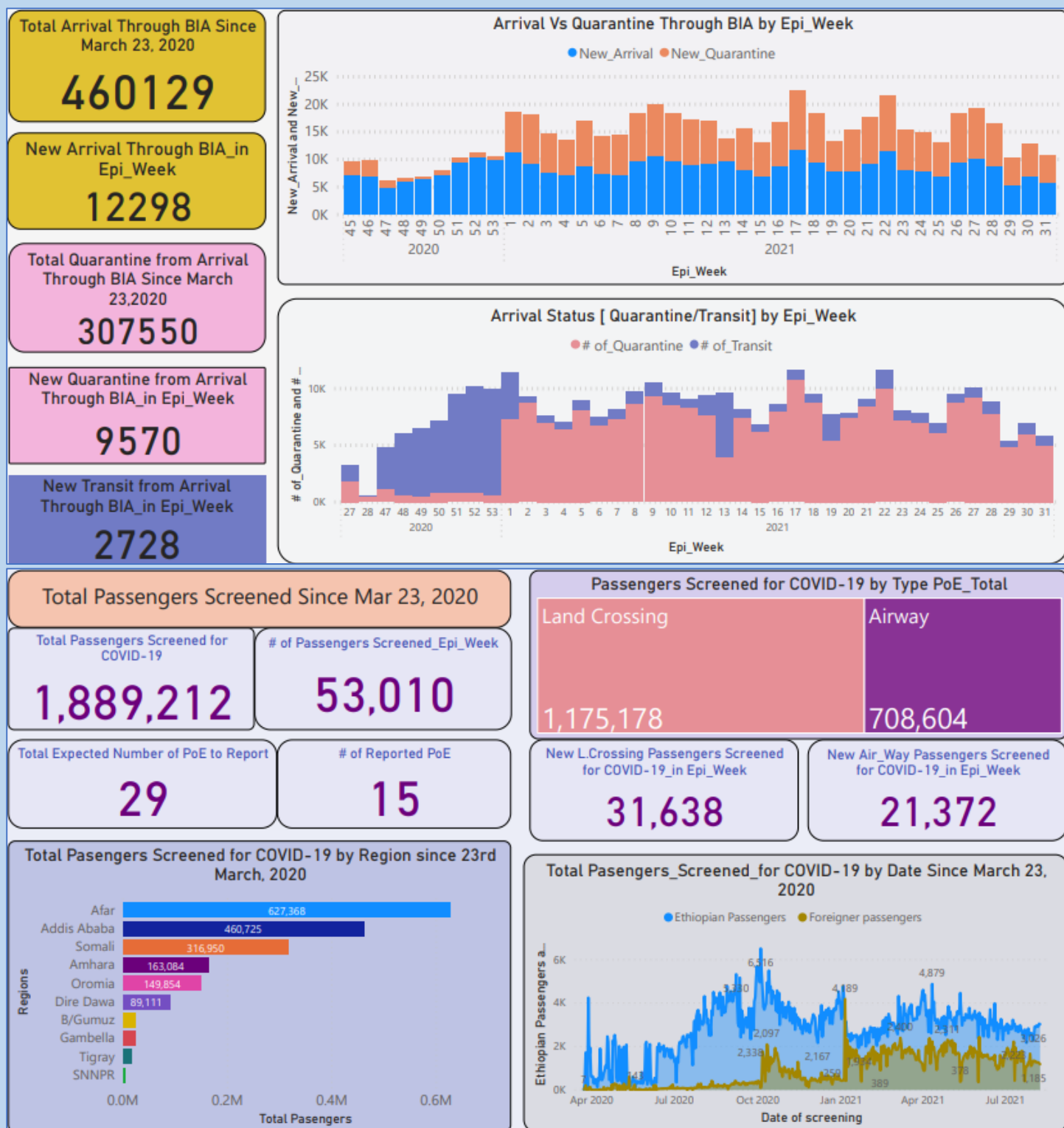


Figure 8: Summary of Passengers screening for COVID-19 as of August 08, 2021, Ethiopia.

## IV. Laboratory related activities

- As of 08 August 2021, a total of 3,069,384 samples have been tested for COVID-19 by laboratories across the country.
- 45,784 laboratory tests were processed during the Epi-Week-31 which is an 18% (6,850 in number) increase compared to number of tests performed in the previous week. The high number of Rapid Diagnostic Tests done by Ag-RDT may have a great contribution for this increment in the number of laboratory tests.
- The laboratory test positivity rate for the Epi-Week-31 is 7.70%, which is higher than that of the preceding week (5.19%).

- Oromia and Sidama regional states and Addis Ababa city administration have reported positivity rates higher than the national weighted average (figure 10 below).
- 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 124,747 laboratory tests are performed by Ag-RDT among which 9,899 is performed in the Epi-week-31 (figure 9 below).

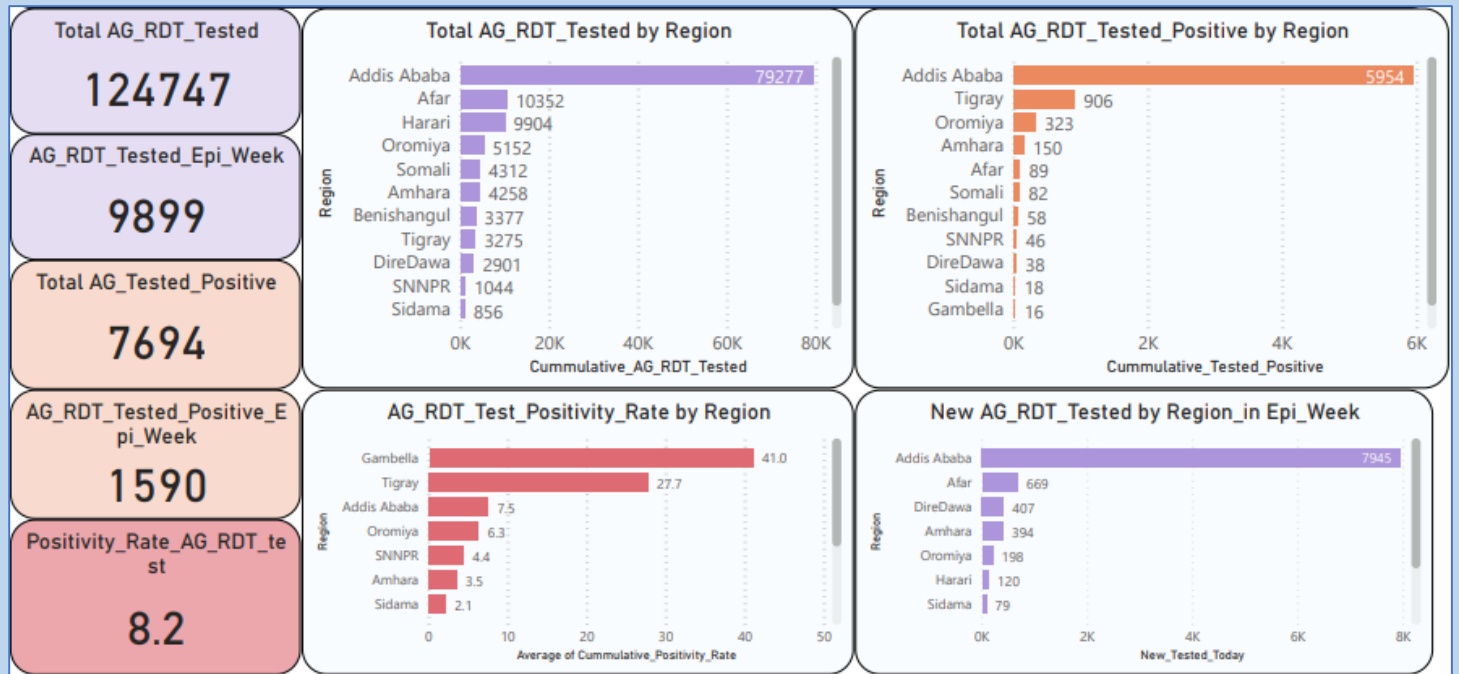
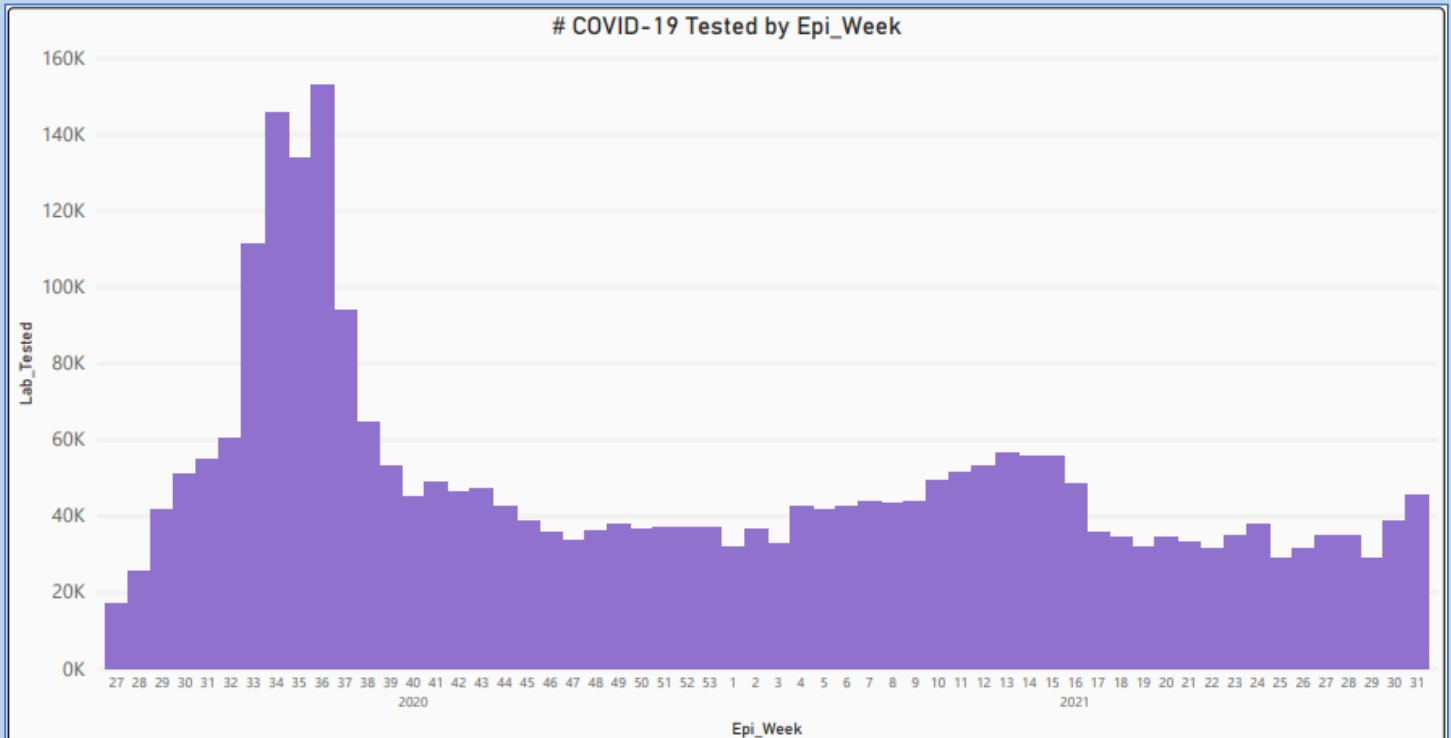
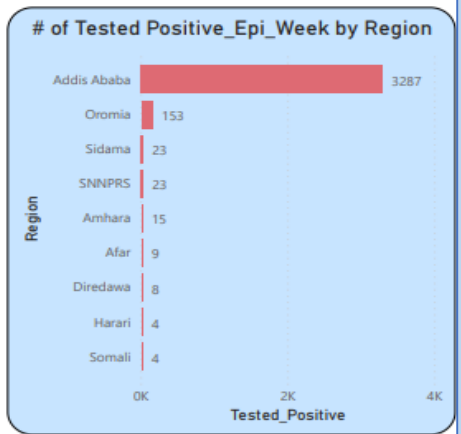
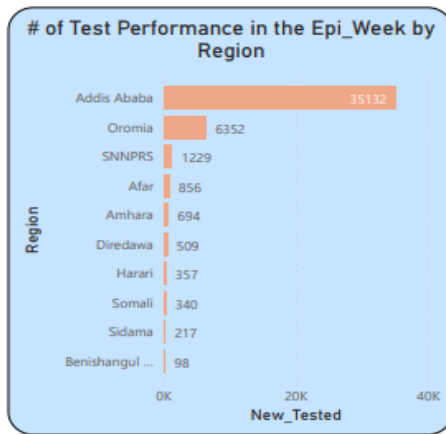
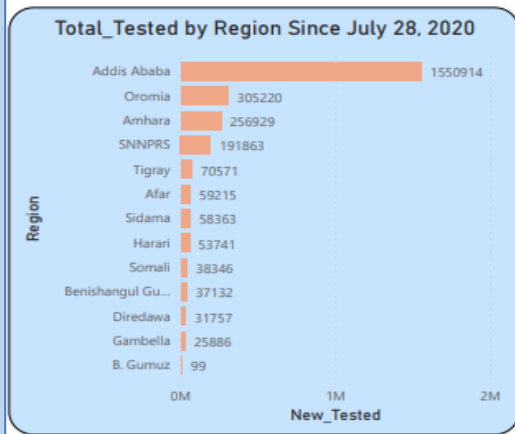
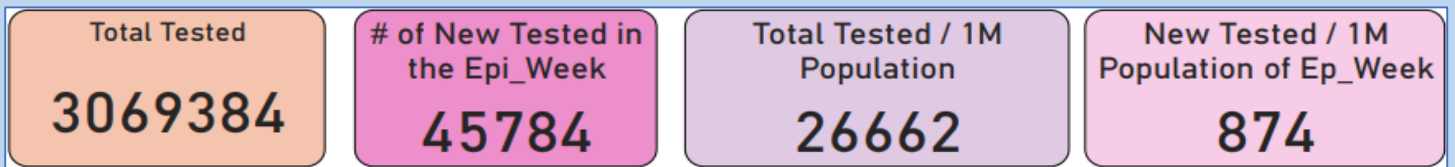


Figure 9: Update on laboratory tests performed by Ag-RDT, as of August 08, 2021



Region/City Admn	New_Tested	Tested_Positive	New_Deaths	Positivity_Rate
Addis Ababa	35132	3287	34	9.3
Oromia	6352	153	1	11.6
SNNPRS	1229	23	0	3.0
Afar	856	9	0	0.7
Amhara	694	15	0	3.6
Diredawa	509	8	1	1.8
Harari	357	4	0	1.1
Somali	340	4	0	2.7
Sidama	217	23	0	9.7
Benishangul Gumuz	98	0	0	0.0
Gambella	0	0	0	
Tigray	0	0	0	
<b>Total</b>	<b>45784</b>	<b>3526</b>	<b>36</b>	<b>4.6</b>

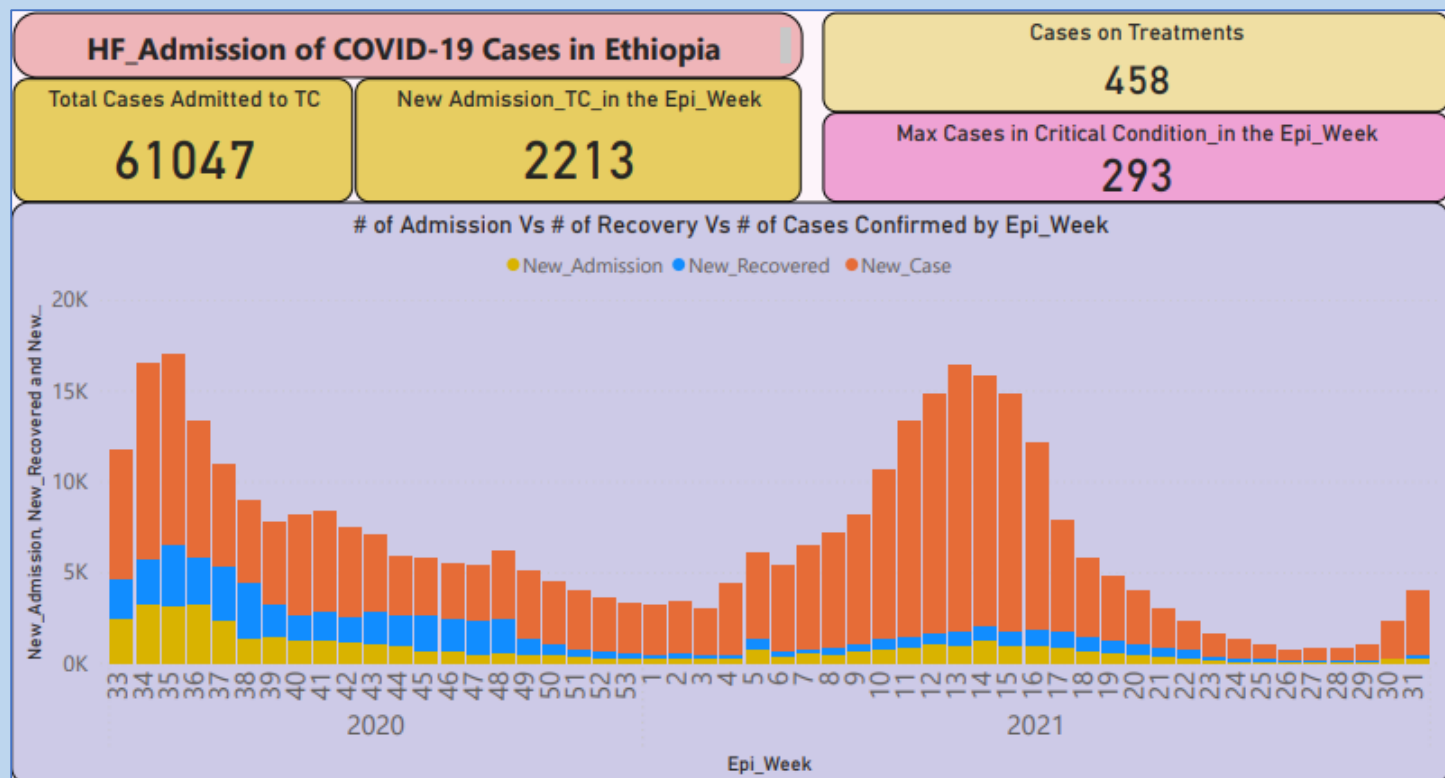
\*\*\*\*\* Positivity Rate is average of Regional Distn of Rates

Figure 10: Summary of COVID-19 laboratory testing as of March August 08, 2021, Ethiopia.

## V. Case Management and Facility Readiness

### a. COVID-19 treatment center

- There were total of 1,030 newly recovered COVID-19 cases during the Epi-Week-31, bringing the total number of recovered cases to 264,617 (both from COVID-19 treatment center and from HBIC). This brings the overall recovery rate to 93%.
- The number of cases in severe condition has begun increasing after weeks of decrement. On August 08, 2021, there are 293 cases in severe condition which is higher than the maximum number of daily severe cases in the previous week (240).



HF=Health Facilities TC=Treatment Center

Figure 11: Summary of COVID-19 cases in Health Facilities/Treatment centers, as of August 08, 2021.

Table 3: Summary of COVID-19 cases at treatment centers as of August 08, 2021

Regions	Total_Case	New_Case	Total_Admission	New_Admission	Total_Death	Total_Recovered	On_Treatment	Critical_Case
Addis Ababa	186561	381	30500	47	2343	26669	408	275
Oromia	39762	26	7313	0	508	6782	25	10
Amhara	12023	0	4573	0	256	4297	9	5
SNNPR	9108	1	4405	0	150	4285	6	0
Sidama	8457	4	3436	0	158	3213	1	1
Tigray	8171	0	5290	0	320	5222	0	0
Dire Dawa	5317	3	1186	0	68	1115	1	0
Harari	4348	0	1278	0	152	1122	0	0
Benishangul G	3574	0	898	0	19	867	8	0
Afar	2731	9	826	0	5	812	0	0
Somali	2511	0	660	0	56	601	0	0
Gambella	1528	0	682	0	8	649	0	0

## b. Home Based Isolation and Care (HBIC):

- So far, 210,821 COVID-19 confirmed cases have been on HBIC. Of them 209,093 (99.18%) have recovered and 35 (0.017%) died.
- Of these, 1,731 cases have been enrolled to HBIC, 891 cases have recovered and one case died in the Epi-Week-31.
- As of August 08, 2021, there are 2,441 cases on HBIC.
- So far, 1,669 (36 in the Epi-week-31) of the cases have been transferred from treatment centers to HBIC after improvement.
- So far, 921 (eight in the Epi-week-31) of the cases have been transferred from HBIC to treatment centers for better care.

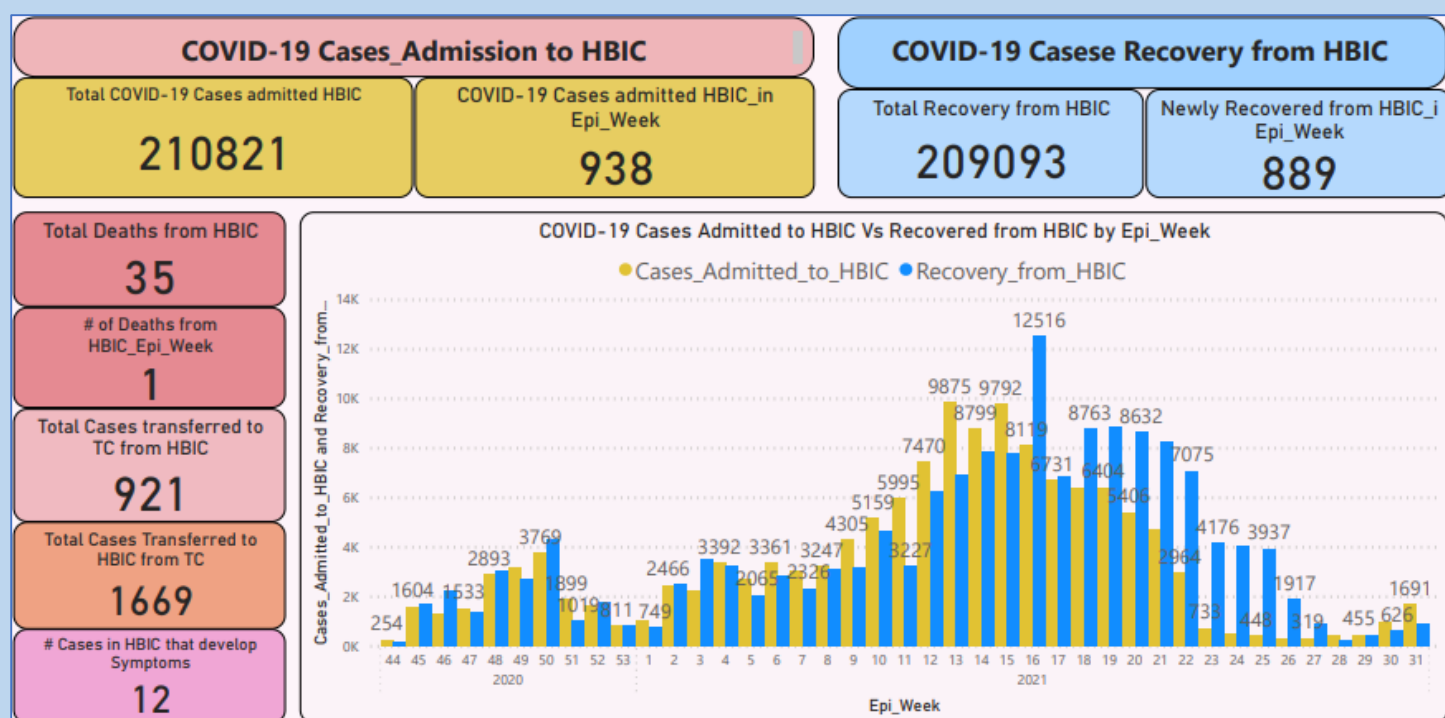


Figure 12: Summary of COVID-19 Home Based Isolation and Care in Ethiopia, as of August 08, 2021.

## VI. Risk Communication and Community Engagement (RCCE)

- Media (mass media and social media) monitoring on COVID-19 related information is ongoing.
- 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.



Figure 13: COVID-19 situation update as of August 08, 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 leadership and strategic virtual meeting, chaired by the H.E MOH Minster, is being conducted to oversee and guide the response efforts.
- 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.
- The World Health Organization (WHO) has donated three RT-PCR machines and 10,000 Ag-RDT kits worth more than 4 million birr to the Ethiopian Public Health Institute (EPHI) which will be distributed to three regions. Mr. Aschalew Abayneh, Deputy Director General of EPHI and COVID-19 response Incident Manager thanked WHO for the continuous support on the fight against COVID-19 in Ethiopia. Speaking on behalf of the World Health Organization (WHO) in Ethiopia, Dr. Indrajit Hazarika said Ethiopia's efforts to prevent the pandemic should be appreciated and further strengthened. He expressed hope that the assistance would help the country's efforts to prevent and control COVID-19.



Figure 14: Donation of COVID-19 testing machines and kits by WHO to EPHI, August 06, 2021



## VIII. Challenges and Way Forward

### a. Challenges

- Dramatic increment of the cases and deaths
- 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	<a href="https://www.eph.gov.et/">https://www.eph.gov.et/</a>	8335/952	<a href="mailto:ephieoc@gmail.com">ephieoc@gmail.com</a>
Ethiopian Public Health Institute COVID-19 Website	<a href="https://covid19.eph.gov.et/">https://covid19.eph.gov.et/</a>		
Ethiopian Public Health Institute Facebook Page	<a href="https://www.facebook.com/ephipa ge/">https://www.facebook.com/ephipa ge/</a>		
Ethiopian Public Health Institute Twitter Page	<a href="https://twitter.com/EPHIEthiopia">https://twitter.com/EPHIEthiopia</a>		
Ethiopian Public Health Institute Telegram Channel	<a href="https://t.me/EthPHI">https://t.me/EthPHI</a>		
Ethiopian Public Health Institute YouTube Channel	<a href="https://www.youtube.com/channel/UCvTzeY-IJiQfEFBULH9Mkw">https://www.youtube.com/channel/UCvTzeY-IJiQfEFBULH9Mkw</a>		
Ministry of Health, Ethiopia Website	<a href="http://www.moh.gov.et">www.moh.gov.et</a>	952	
Ministry of Health, Ethiopia Facebook Page	<a href="https://www.facebook.com/EthiopiaFMoH/">https://www.facebook.com/EthiopiaFMoH/</a>		
Afar Regional Health Bureau	<a href="https://www.facebook.com/afarrhb.org/">https://www.facebook.com/afarrhb.org/</a>	6220	<a href="mailto:afarpheoc@gmail.com">afarpheoc@gmail.com</a>

Amhara Regional Health Bureau		<a href="https://www.facebook.com/Amhara-Healthbureau-682065755146948/">https://www.facebook.com/Amhara-Healthbureau-682065755146948/</a>	6981	<a href="mailto:aphieoc@gmail.com">aphieoc@gmail.com</a>
Benishangul Gumuz Regional Health Bureau		<a href="https://www.facebook.com/Benishangul-Gumuz-Health-Bureau-1676282159265517/">https://www.facebook.com/Benishangul-Gumuz-Health-Bureau-1676282159265517/</a>	6016	<a href="mailto:bgpheoc@gmail.com">bgpheoc@gmail.com</a>
Gambela Regional Health Bureau		<a href="https://fb.me/gambellaregionhealthbureau">https://fb.me/gambellaregionhealthbureau</a>	6184	<a href="mailto:gambellapheoc@gmail.com">gambellapheoc@gmail.com</a>
Harari Regional Health Bureau		<a href="https://www.facebook.com/Harari-Regional-Health-Bureau-1464182130355007/">https://www.facebook.com/Harari-Regional-Health-Bureau-1464182130355007/</a>	6864	<a href="mailto:hrrbpheoc@gmail.com">hrrbpheoc@gmail.com</a>
Oromia Regional Health Bureau		<a href="https://www.facebook.com/OromiaHealth/">https://www.facebook.com/OromiaHealth/</a>	6955	<a href="mailto:oromiapheoc@gmail.com">oromiapheoc@gmail.com</a>
Somali Regional Health Bureau		<a href="https://www.facebook.com/srhbdotcom/">https://www.facebook.com/srhbdotcom/...</a>	6599	<a href="mailto:somalipheoc@gmail.com">somalipheoc@gmail.com</a>
SNNP Regional Health Bureau		<a href="https://www.facebook.com/snnprhealthbureau/?ref=br_rs">https://www.facebook.com/snnprhealthbureau/?ref=br_rs</a>	6929	<a href="mailto:snnppheoc@gmail.com">snnppheoc@gmail.com</a>
Tigray Regional Health Bureau		<a href="https://www.facebook.com/tigrayrhb/">https://www.facebook.com/tigrayrhb/</a>	6244	<a href="mailto:tigraypheoc@gmail.com">tigraypheoc@gmail.com</a>
Sidama PHEM				<a href="mailto:sidamapheoc@gmail.com">sidamapheoc@gmail.com</a>
Dire Dawa city Administration Health Bureau		<a href="https://www.facebook.com/Dire-Dawa-Administration-Health-Bureau-1371606266279524/">https://www.facebook.com/Dire-Dawa-Administration-Health-Bureau-1371606266279524/</a>	6407	<a href="mailto:ddpheoc@gmail.com">ddpheoc@gmail.com</a>
Addis Ababa City Administration Health Bureau		<a href="https://www.facebook.com/aahb.gov.et/">https://www.facebook.com/aahb.gov.et/</a>	6406	<a href="mailto:aapheoc@gmail.com">aapheoc@gmail.com</a>

### COVID-19 updates and sources of evidence:

Source	Link
WHO Coronavirus (COVID-19) dashboard	<a href="https://covid19.who.int/">https://covid19.who.int/</a>
Africa CDC Dashboard, COVID-19 Surveillance Dashboard	<a href="https://au.int/en/covid19">https://au.int/en/covid19</a>
WHO COVID-19 daily situation reports	<a href="https://www.who.int/emergencies/diseases/novel-coronavirus-2019/situation-reports">https://www.who.int/emergencies/diseases/novel-coronavirus-2019/situation-reports</a>
WHO Academy mobile learning app for health workers, COVID-19 information	Android- <a href="https://play.google.com/store/apps/details?id=org.who.WHOA">https://play.google.com/store/apps/details?id=org.who.WHOA</a> Apple- <a href="https://apps.apple.com/us/app/who-academy/id1506019873">https://apps.apple.com/us/app/who-academy/id1506019873</a>

**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](http://www.ephi.gov.et)

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