

EPHI, NATIONAL DATA MANAGEMENT CENTER FOR HEALTH (NDMC):- QUICK UPDATE ON COVID-19, 071st

This update summarizes:

- **Ethiopia's Covid-19 Situation Updates**
- **Global and Regional Burden Of Covid-19**
- **New IHME COVID-19 Forecasts for Ethiopia**

Ethiopia's Covid-19 Situation Updates

- Since the last brief (August 12, 2021), 11,711 new confirmed corona virus disease 2019 (COVID-19) cases and 130 new deaths have been reported nationally. To date, a total of 297,997 COVID-19 cases and 4,580 related deaths (case fatality rate (CFR): 1.54 which is nearly similar compared to the rate reported two weeks earlier) have been reported from 9 regions and 2 city administrations in the country. Compared to the cases and deaths reported a two weeks ago, the national cumulative case and death reported this week showed increment by 1% each.
- There are 23,107 active cases currently, of which 522 (2.3%, showing a 0.4% increment compared to report done two week's ago) of them are critical. The number of active cases and critical cases have shown increment by 5,803 and 180 case respectively compared to the report of two weeks ago.
- So far 270,830 cases have recovered from COVID-19, out of which 5,958 recoveries were over the last two-weeks period which increased by 1% compared to the last week's report even.
- The proportion of active cases among the total cases so far has continued increasing as well (by 1.7%) while that of recoveries decreased by the similar rate compared to the last week. However, the proportion of death remained nearly the same over the last one-week period (Fig 1).

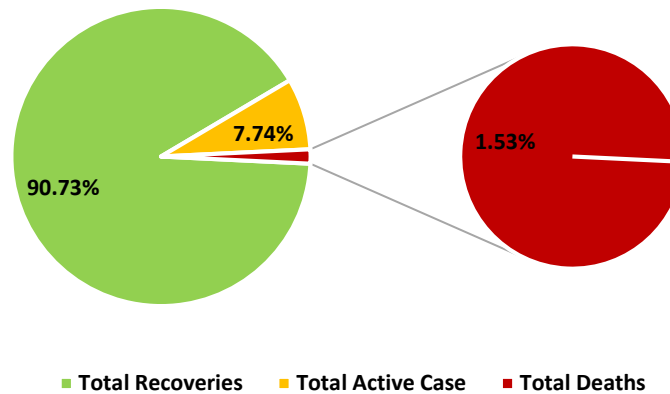


Fig 1: Proportions of active cases, recoveries and death as of August, 26, 2021.

- The total number of tests done to date is 3,179,346. Among 90,045 laboratory samples tested over the last two-weeks duration, 11,711 of them tested positive for COVID-19, yielding a positivity rate of 13% ; showing a (3.8%) increase from the positivity rate reported two weeks ago.
- The distribution of cumulative cases indicate Addis Ababa, Oromia and Amhara regions took the lead sequentially in total case load.

Home Based Isolation and Care (HBIC)

Since Home Based Isolation and Care (HBIC) is started in Ethiopia:

- A total of **219, 479** COVID-19 confirmed cases are followed in the HBIC as of August 26, 2021
- **213, 062** of them have recovered in the HBIC as of August 26, 2021
- **7, 240** cases are currently on HBIC
- **37** COVID-19 related deaths have occurred in the HBIC
- **1,819** cases have been transferred from treatment centers to HBIC
- **959** cases have been transferred from HBIC to treatment centers

EPHI and FMOH COVID 19 response highlights of the week /trainings and supply

- Weekly leadership and strategic virtual meeting, chaired by the H.E MOH Minister, is being conducted to oversee and guide the response efforts
- EPHI and MOH is providing an ongoing distribution of PPE, Viral Transport Media (VTM), swabs, pharmaceuticals, and other medical supplies to isolation and treatment centers

References

1. *Public Health Emergency Operations Centers (PHEOC), Ethiopia.*
2. https://twitter.com/lia_tadesse.
3. <http://www.covid19.et/covid-19/>.

Global and Regional Burden of Covid-19

- Globally the total number of cases is extended to 214,820,393 as of August 26, 2021. A total of 192,135,680 cases recovered and 4,477,543 people died since the beginning of the outbreak. Globally, in a week time, from August 12 to August 26, 2021, COVID-19 cases increased by 4.5% and deaths by 3.2%. In the past week, Asia is the leading in terms of cases

followed by Europe and North America. Europe continued to be became a lead in terms of the number of deaths followed by South America and Asia (Table 1).

Table 1. Global cases and deaths reported as of August, 2021.

	COVID cases	Weekly % change	deaths	Weekly % change
Global	214,820,393	4.5	4,477,543	3.2
Europe	54,606,451	3.4	1,164,517	1.6
North America	46,969,151	6.0	982,145	2.9
Asia	68,674,458	5.6	1,012,132	6.8
South America	36,723,825	1.7	1,124,514	1.6
Africa	7,691,345	7.1	192,193	6.5
Oceania	154,442	25.2	2,027	19.7

- USA has recorded the highest number of cases 5.7% (37,060,454 to 39,157,249 cases) and 2.3% (635,219 to 649,680 deaths) that accounts 18.2% of the total global cases and carried 14.5% of global deaths as of August 26, 2021.
- India is the 2nd highest in terms of cases in a week time by 1.5% (32,077,706 to 32,558,530) and deaths by 1.6% (429,702 to 436,396).
- Brazil became the 3rd rank worldwide with increased number of cases in a week time by 2% (20,249,176 to 20,645,537) and deaths with 1.9% (566,013 to 576,730).
- Russia ranked 4th globally with 6,804,910 cases and 178,423 deaths.
- France ranked 5th globally with 6,673,336 cases and 113,665 deaths.
- The line share of Africa to the global COVID-19 pandemic was 3.6% and 4.3% of the global cases and deaths as of August 26). The cases in the continent have increased by 7.1% in a week time (7,180,993 to 7,691,345 cases). Similarly, the total number of deaths in Africa has increased from 180,387 to 192,193 showing 6.5%. Total recoveries stand at 6,769,829.
- South Africa is the leading in the continent with 2,722,202 cases and 80,469 deaths. Morocco (829,137 cases, 12,079 deaths), Tunisia (647,483 cases, 22,860 deaths), Libya (300,455 cases and 4,126 deaths) and Ethiopia continued to be the 5th rank with (300,092 cases and 4,593 deaths). These are the most four leading countries next to South Africa in reporting COVID-19 cases in Africa. (See table below).

Table 2: Case and death reported in selected African countries as of July 2021

Africa	August 12		August 26	
	Cases	Deaths	Cases	Deaths
South Africa	2,554,240	75,774	2,722,202	80,469
Morocco	720,256	10,607	829,137	12,079
Tunisia	616,764	21,220	647,483	22,860
Libya			300,455	4,126
Ethiopia	286,286	4,450	300,092	4,593

- In East African, COVID-19 cases and deaths have shown fast progress. As of March, Ethiopia and Kenya continued to be the major drivers of the COVID 19 burden in east African countries.

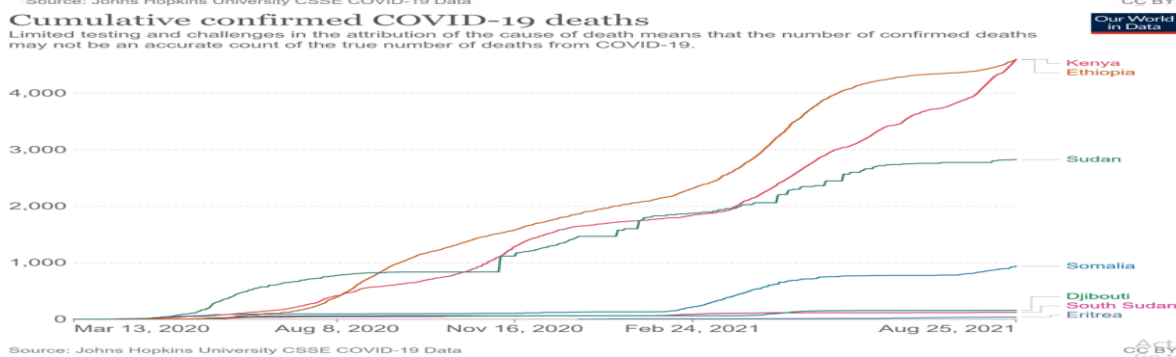
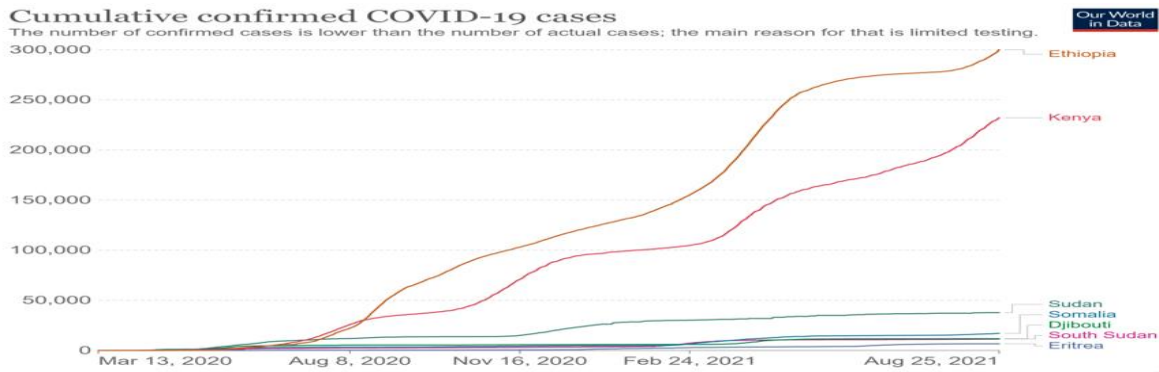


Figure2: The burden of COVID-19 in Eastern African countries.

References

1. John Hopkins, Corona Virus Resources <https://coronavirus.jhu.edu/map.html>
2. Worldometer, Corona Virus <https://www.worldometers.info/coronavirus/>
3. Africa CDC: COVID 19 Surveillance; <https://au.int/covid19>
4. Our World: <https://ourworldindata.org/covid-cases>

New IHME COVID-19 Forecasts for Ethiopia

- The Institute for Health Metrics and Evaluation (IHME) at the University of Washington is forecasting 7,872 people (with a range of 1,115 to 31,971) will die from COVID-19 in Ethiopia by November 1, if the country continues to ease social distancing policies. However, mask use can help to control transmission and provide protection, said IHME Director Dr. Christopher Murray. The Institute modeled a high level of mask use, with 95% of the population wearing masks in public, and projects this would reduce deaths by 65%, to 2,790 people (with a range of 675 to 9,341).
- “Ethiopia is still early on in the epidemic and we are not yet projecting a peak in deaths, though I am concerned that as the nation eases prevention mandates, this vicious virus will spread rapidly throughout the country, especially in Addis Ababa,” Murray said. “Steps to reverse this trend are imperative to contain the virus and save lives.”

- The forecast assumes the nation imposes social distancing mandates for six weeks at the point when deaths reach 8 per million people. However, the country is not predicted to reach that threshold before November 1.
- The forecasts also predict the need for hospital beds and ICU beds. Ethiopia is expected to run out of ICU beds for COVID-19 patients in early August if the epidemic continues its current trajectory.
- “Ethiopia and other African nations are facing a difficult situation,” said Murray. “Mask use, increased testing, and other measures are important tools that can help stop the virus from spreading, particularly among people with compromised immune systems, the elderly, and others.”
- The new projections reflect the growth of the epidemic throughout sub-Saharan Africa. In South Africa, 34,757 deaths (with a range of 13,263 to 64,199) are expected through November 1 if social distancing mandates are employed, and Kenya is forecast to see 5,613 deaths (1,613 to 18,493).

. Reference

1. <https://covid19.healthdata.org>. **Publication date:** August 3, 20
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