Corona Virus Disease (COVID-19) Situational Report

Report no 759  Date of Issue  28th April, 2022. 3pm

HIGHLIGHTS

- This is Week 109 of the COVID-19 outbreak in Sierra Leone (Epi week 17 of 2022).
- As of 28th April, 2022, there were 7,681 confirmed COVID-19 cases, 125 deaths and 4,819 recoveries in Sierra Leone.
- 423 COVID-19 tests (386 departures, 0 arrivals, 37 suspects) were performed in the last 24 hours in 3 laboratories with a positivity of 0.0%.
- There were 0 new COVID-19 cases, 0 recoveries and 0 deaths reported in the last 24 hrs.
- 0 case was reported in SL over the last 7 days compared to 0 case in the previous 7 days.
- None of the 16 districts reported COVID-19 cases in the last 7 days.
- Current bed occupancy in COVID-19 community treatment and care centres (CTC/CCC) nationally is 0.0%.
- Total COVID 19 tests conducted to date is 351,851 (45.90/1,000).
- Case Fatality Rate (CFR) is 1.6% (excluding community deaths).
- Nationwide cumulative discharges from quarantine homes are 18,686.
- 269 (3.5%) COVID-19 cases are among health workers.
- Number of cases in Epi week 16 were 0 compared to 4 in Epi week 15. Lab positivity rate for the week decreased from 0.14% to 0.00%.
- 1,987,563 people (23.4% of total population) had been vaccinated with at least 1st dose of COVID 19 Vaccine in Sierra Leone as at 17/4/2022.
- 1,315,830 people had been fully vaccinated as at 17/4/2022 (15.5% of total population).
- What is the percentage of fully vaccinated people for COVID-19 globally? See Fig 2.
Sierra Leone Ministry of Health and Sanitation

Figure 1: Daily COVID-19 Cases in Sierra Leone as of 28 April, 2022; Western Area includes Western Urban and Western Rural

Figure 2: Percentage of fully vaccinated population for COVID-19 as per initial protocol
Source: https://ourworldindata.org/covid - vaccination

- Fig 2 shows % of fully vaccinated population for COVID-19 as at 27/4/2022
- S/America and Europe have the highest % of people fully vaccinated with the initial protocol (74% and 66%) respectively
- Africa has the least % of fully vaccinated population (16.2%)
- The highest percentages of fully vaccinated populations in Africa are found in Morocco (63%), Rwanda (61%) and Tunisia (53%)

Cases reported over the last 7 days in SL
- Cases for Epi week 16 in SL were 0 compared to 4 in Epi week 15 (Fig 3)
- 0 case have been reported in SL over the last 7 days compared to 0 in the previous 7 days
- The average daily cases in the last 7 days were 0.0
COVID-19 SITREP Sierra Leone

Sierra Leone Ministry of Health and Sanitation

**Total COVID-19 Tests**
- 351,851

**Tests/1000 population**
- 45.90

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**Trend in MRU Countries**
- Fig 4 shows the daily new confirmed COVID-19 cases as at 27/04/2022
- The recent 4th wave is under control in the MRU
- S/ Leone reported 7 confirmed COVID-19 cases in the past 30 days

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**Cases in Sierra Leone**
- Males = 59%; Females = 41%
- Median Age all Cases = 35 years (range <1-98 years)
- Median age females = 33 years
- Median Age Males = 37 years
- Cases < 45 years = 69%
- 59% of deaths are males
- Median age of deaths: 64 years
- Overall CFR: 1.6%
- CFR: Males 1.8%; Females 1.8%
- CFR: >60 years = 8.8% (Fig 5)
- CFR 45-60 years: 1.9%

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**Figure 4**: Daily new confirmed COVID-19 cases per million people (7 days moving average) in the MRU
Source: [https://ourworldindata.org/covid-cases](https://ourworldindata.org/covid-cases)

**Figure 5**: Age-Sex Distribution and CFR of COVID 19 cases in Sierra Leone

**Figure 6**: Weekly COVID 19 Tests and Positivity Rate
The number of tests conducted in Epi week 16 were 1976 and decreased by 28.7% compared to Epi Week 15 (2773); positivity rate for the week decreased from 0.14% to 0.0% (Fig 6).

Average number of daily tests in the last 7 days is 423.

Cumulative number of COVID-19 tests conducted is 351,851 (45.90/1000 population).

Average positivity rate of ALL samples tested for COVID-19 is 2.2%; Average positivity last 7 days is 0.0%

None of the 16 districts reported COVID-19 cases over the last 7 days.

National attack rate is 100.2 per 100,000 people.

Districts with highest COVID-19 attack rate: Western Area Urban, Western Area Rural, Bonthe, Bo, Port Loko and Kenema.

Not all cases have contacts traced and followed up due to logistical challenges.

Number of persons in quarantine were 0.

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**Table:**

<table>
<thead>
<tr>
<th>Technical Areas</th>
<th>Variable</th>
<th>No</th>
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</thead>
<tbody>
<tr>
<td>Contact Tracing</td>
<td>Cumulative No. of Contacts Listed</td>
<td>18,686</td>
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<tr>
<td></td>
<td>Total No. of contacts currently under monitoring</td>
<td>0</td>
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<tr>
<td></td>
<td>Total No. of contacts reached in the last 24 hours</td>
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<td>Quarantine</td>
<td>Total No. Currently under quarantine</td>
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<td></td>
<td>Self-Quarantine</td>
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<td>Institutional Quarantine</td>
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<tr>
<td>Laboratory Testing</td>
<td>Laboratory tests done in last 24 hours</td>
<td>423</td>
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<tr>
<td></td>
<td>No of positive tests in last 24 hours (%)</td>
<td>0 (0.0%)</td>
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<tr>
<td></td>
<td>Cumulative number of tests</td>
<td>351,851</td>
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<td>Event Based Surveillance</td>
<td>Total Alerts Received through 117 System</td>
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<td>(Last 24 hrs.)</td>
<td>No. of COVID related alerts</td>
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<tr>
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<td>No. of COVID related alerts investigated</td>
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*Figure 7: Geographic distribution and attack rate of COVID 19 cases in Sierra Leone as of 28/04/2022*