Corona Virus Disease (COVID-19) Situational Report

Report No.150  Date of Issue 27th August, 2020, 3pm

HIGHLIGHTS

- This is the 22nd week of the COVID-19 outbreak in Sierra Leone (Epi Week 35)
- As of 27th August 2020, there were 2013 confirmed COVID-19 cases, 70 deaths and 1581 recoveries in Sierra Leone
- There were 10 new COVID-19 cases, 04 recoveries and 1 death reported in the last 24 hours.
- The new cases were from WAU (5), Kenema (2), Kailahun (2), and Kono (1).
- There are currently 362 active cases in treatment/isolation centres
- 422 COVID 19 tests were conducted in the last 24 hours in four laboratories. Positivity rate was 2.4 %.
- Total COVID 19 tests conducted to date is 26399 (3.44/1000)
- Overall Case Fatality Rate (CFR) is 3.5%
- Current bed occupancy in COVID 19 community treatment and care centres (CTC/CCC) nationally is 11 %
- Nationwide cumulative discharges from quarantine homes is 10,646
- 175 (8.7%) COVID-19 cases are among health workers
- Which countries have more or less deaths per capita than Sierra Leone? See figure 2

Summary of COVID-19 Cases in Sierra Leone as at 27th August 2020

<table>
<thead>
<tr>
<th>District</th>
<th>New Confirmed Cases</th>
<th>Cumulative Confirmed Cases</th>
<th>Proportion of Total Cases</th>
<th>New Deaths</th>
<th>Cumulative Deaths</th>
<th>Days Since Last Confirmed Case</th>
</tr>
</thead>
<tbody>
<tr>
<td>Western Area Urban</td>
<td>5</td>
<td>923</td>
<td>45.9%</td>
<td>1</td>
<td>57</td>
<td>0</td>
</tr>
<tr>
<td>Western Area Rural</td>
<td>0</td>
<td>225</td>
<td>11.2%</td>
<td>0</td>
<td>1</td>
<td>6</td>
</tr>
<tr>
<td>Port Loko</td>
<td>0</td>
<td>103</td>
<td>5.1%</td>
<td>0</td>
<td>0</td>
<td>14</td>
</tr>
<tr>
<td>Kenema</td>
<td>2</td>
<td>123</td>
<td>6.1%</td>
<td>0</td>
<td>4</td>
<td>0</td>
</tr>
<tr>
<td>Tonkolili</td>
<td>0</td>
<td>80</td>
<td>4.0%</td>
<td>0</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>Bombali</td>
<td>0</td>
<td>49</td>
<td>2.4%</td>
<td>0</td>
<td>4</td>
<td>12</td>
</tr>
<tr>
<td>Bonthe</td>
<td>0</td>
<td>87</td>
<td>4.3%</td>
<td>0</td>
<td>0</td>
<td>20</td>
</tr>
<tr>
<td>Bo</td>
<td>0</td>
<td>107</td>
<td>5.3%</td>
<td>0</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>Koinadugu</td>
<td>0</td>
<td>56</td>
<td>1.8%</td>
<td>0</td>
<td>0</td>
<td>29</td>
</tr>
<tr>
<td>Falaba</td>
<td>0</td>
<td>11</td>
<td>0.5%</td>
<td>0</td>
<td>0</td>
<td>18</td>
</tr>
<tr>
<td>Kailahun</td>
<td>2</td>
<td>63</td>
<td>3.1%</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Moyamba</td>
<td>0</td>
<td>58</td>
<td>2.9%</td>
<td>0</td>
<td>0</td>
<td>5</td>
</tr>
<tr>
<td>Pujehun</td>
<td>0</td>
<td>29</td>
<td>1.4%</td>
<td>0</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>Kono</td>
<td>1</td>
<td>72</td>
<td>3.6%</td>
<td>0</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>Kambia</td>
<td>0</td>
<td>30</td>
<td>1.5%</td>
<td>0</td>
<td>0</td>
<td>51</td>
</tr>
<tr>
<td>Karene</td>
<td>0</td>
<td>11</td>
<td>0.5%</td>
<td>0</td>
<td>0</td>
<td>34</td>
</tr>
<tr>
<td>Incoming passengers</td>
<td>0</td>
<td>6</td>
<td>0.3%</td>
<td>0</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>Total</td>
<td>10</td>
<td>2013</td>
<td>100.0%</td>
<td>1</td>
<td>70</td>
<td>-</td>
</tr>
</tbody>
</table>
Sierra Leone Ministry of Health and Sanitation

Figure 1: Daily COVID-19 Cases in Sierra Leone as of 27th August 2020; Western Area includes Western Urban and Western Rural Districts; Rural Districts includes all other 14 Districts

- Cases last week (Epi week 34) decreased by 10% compared to week 33
- Deaths in Sierra Leone per million people is 8.65
- Deaths per million people: Guinea 4.34, Liberia 16.21, Ivory Coast 4.32, South Africa 2.28
- Deaths in Africa are much less than Europe and North America
- Average daily alerts from 117 in Sierra Leone in the last 7 days are 6.7

Cases reported over the last 7 days
- 44 cases have been reported over the last 7 days
- The seven day moving average is 6.3

Figure 2: Total confirmed COVID-19 deaths per million people, Aug 27, 2020
Source: https://ourworldindata.org/covid-deaths

Figure 3: Weekly COVID 19 Cases detected
- 67% of deaths are males
- Average age of COVID-19 related deaths = 58 years
- Overall CFR = 3.5%
- CFR among males = 4.3%
- CFR among females = 2.6%
- CFR among cases > 60 years = 21.2%
- CFR among 45-60 years is 5.7%

Median Age all Cases = 33 years (range <1-98 years)
Median age females = 30 years
Median Age Males = 35 years
More males affected after 35 yrs
Cases < 45 years = 74%

- Male = 54.7%
- Female = 45.3%

Figure 5: Age-Sex Distribution of COVID 19 cases

Figure 6: COVID-19 Tests and Positivity Rate per Week, Sierra Leone
Tests conducted have increased gradually in the last 5 weeks.
Number of tests conducted last week (Epi week 34) increased by 9.2% compared to Week 33. Positivity was the lowest at 1.4%
Average number of daily tests in the last 7 days is 348
Cumulative number of COVID-19 tests conducted is 26,399 (3.44 tests/1000 population)
Average positivity rate of ALL samples tested for COVID-19 is 7.6 %
9 out of 16 districts reported COVID-19 cases over the last 7 days
National attack rate is 26.3 per 100,000 people
Districts with highest COVID-19 attack rate: Western Area Urban, Western Area Rural, Bonthe, Bo, Kenema and Port Loko
98% of contacts currently under follow up were reached by contact tracers in the last 24 hours
94 % of persons under quarantine are under self-quarantine

Figure 7: Geographic distribution and attack rate of COVID 19 cases in Sierra Leone as of 27/08/ 2020