**Corona Virus Disease (COVID-19) Situational Report**

**Report No.160  Date of Issue 6th September, 2020, 3pm**

**HIGHLIGHTS**

- This is the 24th week of the COVID-19 outbreak in Sierra Leone (Epi Week 36)
- As of 6th September 2020, there were 2054 confirmed COVID-19 cases, 71 deaths and 1611 recoveries in Sierra Leone
- There were 11 new COVID-19 cases, 5 recoveries and 0 death reported in the last 24 hours.
- The new cases were from WAU (11).
- There are currently 372 active cases in treatment/isolation centres
- 426 COVID 19 tests were conducted in the last 24 hours in five laboratories. Positivity rate was 2.6 %.
- Total COVID 19 tests conducted to date is 29,395 (3.83/1000)
- Overall Case Fatality Rate (CFR) is 3.5%
- Current bed occupancy in COVID 19 community treatment and care centres (CTC/CCC) nationally is 8.4 %
- Nationwide cumulative discharges from quarantine homes is 10,931
- 175 (8.7%) COVID-19 cases are among health workers
- Is Sierra Leone bending the COVID-19 curve? See figure 2

**Summary of COVID-19 Cases in Sierra Leone as at 6th September 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>11</td>
<td>946</td>
<td>46.1%</td>
<td>0</td>
<td>58</td>
<td>0</td>
</tr>
<tr>
<td>Western Area Rural</td>
<td>0</td>
<td>237</td>
<td>11.5%</td>
<td>0</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Port Loko</td>
<td>0</td>
<td>104</td>
<td>5.1%</td>
<td>0</td>
<td>0</td>
<td>7</td>
</tr>
<tr>
<td>Kenema</td>
<td>0</td>
<td>123</td>
<td>6.0%</td>
<td>0</td>
<td>4</td>
<td>10</td>
</tr>
<tr>
<td>Tonkolili</td>
<td>0</td>
<td>80</td>
<td>3.9%</td>
<td>0</td>
<td>0</td>
<td>13</td>
</tr>
<tr>
<td>Bombali</td>
<td>0</td>
<td>49</td>
<td>2.4%</td>
<td>0</td>
<td>4</td>
<td>22</td>
</tr>
<tr>
<td>Bonthe</td>
<td>0</td>
<td>87</td>
<td>4.2%</td>
<td>0</td>
<td>0</td>
<td>30</td>
</tr>
<tr>
<td>Bo</td>
<td>0</td>
<td>108</td>
<td>5.3%</td>
<td>0</td>
<td>2</td>
<td>7</td>
</tr>
<tr>
<td>Koinadugu</td>
<td>0</td>
<td>36</td>
<td>1.8%</td>
<td>0</td>
<td>0</td>
<td>39</td>
</tr>
<tr>
<td>Falaba</td>
<td>0</td>
<td>11</td>
<td>0.5%</td>
<td>0</td>
<td>0</td>
<td>28</td>
</tr>
<tr>
<td>Kailahun</td>
<td>0</td>
<td>64</td>
<td>3.1%</td>
<td>0</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>Moyamba</td>
<td>0</td>
<td>58</td>
<td>2.8%</td>
<td>0</td>
<td>0</td>
<td>15</td>
</tr>
<tr>
<td>Pujehun</td>
<td>0</td>
<td>29</td>
<td>1.4%</td>
<td>0</td>
<td>0</td>
<td>12</td>
</tr>
<tr>
<td>Kono</td>
<td>0</td>
<td>75</td>
<td>3.7%</td>
<td>0</td>
<td>2</td>
<td>6</td>
</tr>
<tr>
<td>Kambia</td>
<td>0</td>
<td>30</td>
<td>1.5%</td>
<td>0</td>
<td>0</td>
<td>61</td>
</tr>
<tr>
<td>Karem</td>
<td>0</td>
<td>11</td>
<td>0.5%</td>
<td>0</td>
<td>0</td>
<td>44</td>
</tr>
<tr>
<td>Incoming passengers</td>
<td>0</td>
<td>6</td>
<td>0.3%</td>
<td>0</td>
<td>0</td>
<td>12</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>11</strong></td>
<td><strong>2054</strong></td>
<td><strong>100.0%</strong></td>
<td><strong>0</strong></td>
<td><strong>71</strong></td>
<td>-</td>
</tr>
</tbody>
</table>
Cases last week (Epi week 35) decreased by 11.1% compared to week 34.

There has been a sustained decline in the number of new confirmed cases in Sierra Leone.

However, trends observed in Guinea and Cote d'Ivoire suggest that this downward trend is probably temporary.

Average daily alerts from 117 in Sierra Leone in the last 7 days are 1.5.

Cases reported over the last 7 days:
- 32 cases have been reported over the last 7 days.
- The seven day moving average is 4.6.
Sierra Leone Ministry of Health and Sanitation

COVID-19 Sitrep, Sierra Leone

- 67% of deaths are males
- 33% of deaths are females
- Average age of COVID-19 related deaths = 58 years
- Overall CFR = 3.5%
- CFR among males = 4.3%
- CFR among females = 2.5%
- CFR among cases >60 years = 21.1%
- CFR among 45-60 years is 5.5%

**Figure 4: Age Distribution and Age Specific CFR of COVID 19 cases**

**Figure 5: Age-Sex Distribution of COVID 19 cases**

- Males = 54.7%
- Females = 45.3%
- Median Age of 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 to 60 years = 74%

**COVID-19 Tests and Positivity Rate per Epi Week, Sierra Leone**

- Total COVID-19 Tests = 29,395
- Tests/1000 population = 3.83
Sierra Leone Ministry of Health and Sanitation

- Tests conducted have increased gradually in the last 5 weeks.
- Number of tests conducted last week (Epi week 35) reduced by 16.5% compared to Week 34. Positivity remained the same 1.4%.
- Average number of daily tests in the last 7 days is 297.
- Cumulative number of COVID-19 tests conducted is 28,969 (3.78 tests/1000 population).
- Average positivity rate of ALL samples tested for COVID-19 is 7.0%.
- 6 out of 16 districts reported COVID-19 cases over the last 7 days.
- National attack rate is 26.8 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.
- 86% of persons under quarantine are under self-quarantine.

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**Technical Areas** | **Variable** | **No**
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**Contact Tracing** | Cumulative No. of Contacts Listed | 11156 |
| | Total No. of contacts currently under monitoring | 519 |
| | Total No. of contacts reached in the last 24 hours | 500 (96%) |
**Quarantine** | Total No. Currently under quarantine | 225 |
| | Self-Quarantine | 187 (83.2%) |
| | Institutional Quarantine | 38 (17%) |
**Laboratory Testing** | Laboratory tests done in last 24 hours | 426 |
| | No of positive tests in last 24 hours (%) | 11 (2.6%) |
| | Cumulative number of tests | 29,395 |
**Event Based Surveillance (Last 24 hrs.)** | Total Alerts Received through 117 System | 72 |
| | No. of COVID related alerts | 1 |
| | No. of COVID related alerts investigated | 1 |

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Figure 7: Geographic distribution and attack rate of COVID 19 cases in Sierra Leone as of 6/09/2020.

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This Situation Report was developed by: Ministry of Health and Sanitation, Sierra Leone

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