Sierra Leone Ministry of Health and Sanitation

Corona Virus Disease (COVID-19) Situational Report

Report No.132    Date of Issue 9th August, 2020, 3pm

HIGHLIGHTS

- This is the 19th week of the COVID-19 outbreak in Sierra Leone
- As of 9th August 2020, there were 1,916 confirmed COVID-19 cases, 68 deaths and 1445 recoveries in Sierra Leone
- There were 21 new COVID-19 cases, 3 recoveries and zero deaths reported in the last 24 hours
- The new cases are from Western Area Urban (15), Pujehun (3) and Falaba (3).
- 14 cases were from the surge testing, 4 from suspect cases and 3 from contacts of cases. One case was a child aged 4 months
- There are currently 403 active cases in treatment/isolation centres.
- 378 COVID 19 tests were conducted in the last 24 hours in four laboratories. Positivity rate was 5.6 %.
- Total COVID 19 tests conducted to date is 19,861 (2.59/1000)
- Overall Case Fatality Rate (CFR) is 3.5%
- 172 (9.0%) COVID-19 cases are among health workers
- Number of cases this week increased by 22% compared to week 18 (Fig 3). USA, Brazil and SA among countries with highest incidence (Fig 2)
This is the last day of **19th week** of the COVID-19 outbreak in Sierra Leone. Cases in week 32 increased by 22%. USA, Brazil and South Africa are among countries with highest incidence of cases in the world at 15,100 per million, 14,172 and 9,327 respectively. Incidence in Sierra Leone is 250 per million. 

Alerts from 117 have been declining especially in the last 3 weeks.

**Cases reported over the last 7 days**

- 73 cases have been reported over the last 7 days
- The **seven day moving average is 10.4**
COVID-19 Cases- Age Distribution and Mortality

- 47 (69.1%) of deaths are among males
- Average age of COVID-19 related deaths = 58 years
- Overall CFR = 3.5%
- CFR among males = 4.6%
- CFR among females = 2.4%
- CFR among cases > 60 years = 22.2%
- CFR 45-60 years is 6.0%

Mortality

- Males = 1030 (54%)
- Median Age all Cases = 33 years (range <1-98 years)
- Median age females = 30 years
- Median Age Males = 36 years
- More males affected after 35 yrs
- Cases < 45 years = 1,408 (74%)

Figure 4: Age Distribution and Age Specific CFR

Figure 5: Age-Sex Distribution of COVID 19 cases

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

- Total COVID-19 Tests = 19,861
- Tests/1000 population = 2.59

Figure 6: COVID-19 Tests and Positivity Rate per Week, Sierra Leone
Tests conducted have increased gradually in the last 4 weeks. Positivity has been declining but it increased in Week 32 (positivity 4.2%) compared to Week 31(positivity 3.5%)

Number of tests conducted this week (Wk 32) is now the highest at 1742 with a positivity of 4.2%

Average number of daily tests in the last 7 days is 249 with an average positivity of 4.2%

Cumulative number of COVID-19 tests conducted is 19,861 (2.59 tests/1000 population)

Average positivity rate of ALL samples tested for COVID-19 is 9.6 %

9 out of 16 districts reported COVID-19 cases over the last 7 days

National attack rate is 25.0/100,000

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

98% of contacts currently under follow up were reached by contact tracers

82.4 % of persons under quarantine are under self-quarantine

<table>
<thead>
<tr>
<th>Technical Areas</th>
<th>Variable</th>
<th>No</th>
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<tbody>
<tr>
<td>Contact Tracing</td>
<td>Cumulative No. of Contacts Listed</td>
<td>10507</td>
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<tr>
<td></td>
<td>Total No. of contacts currently under monitoring</td>
<td>695</td>
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<td>Total No. of contacts reached in the last 24 hours</td>
<td>679 (98 %)</td>
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<td>Quarantine</td>
<td>Total No. Currently under quarantine</td>
<td>614</td>
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<td>Self-Quarantine</td>
<td>506 (82.4%)</td>
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<td>Institutional Quarantine</td>
<td>108 (17.6 %)</td>
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<tr>
<td>Laboratory Testing</td>
<td>Laboratory tests done in last 24 hours</td>
<td>378</td>
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<tr>
<td></td>
<td>No of positive tests in last 24 hours (%)</td>
<td>21 (5.5 %)</td>
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<td>Cumulative number of tests</td>
<td>19861</td>
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<td>Event Based Surveillance</td>
<td>Total Alerts Received through 117 System</td>
<td>121</td>
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<td>(last 24 hrs.)</td>
<td>No. of COVID related alerts</td>
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<td>No. of COVID related alerts investigated</td>
<td>09(100 %)</td>
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This Situation Report was developed by: Ministry of Health and Sanitation, Sierra Leone

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