This is the 24th week of the COVID-19 outbreak in Sierra Leone (Epi Week 37)

As of 10th September 2020, there were 2069 confirmed COVID-19 cases, 72 deaths and 1622 recoveries in Sierra Leone

There were 2 new COVID-19 cases, 0 recoveries and 0 death reported in the last 24 hours.

The new cases were from WAU (2).

There are currently 375 active cases in treatment/isolation centres

569 COVID 19 tests were conducted in the last 24 hours in three laboratories. Positivity rate was 0.4 %.

Total COVID 19 tests conducted to date is 31,156 (4.06/1000)

Overall Case Fatality Rate (CFR) is 3.5%

Current bed occupancy in COVID 19 community treatment and care centres (CTC/CCC) nationally is 5.3 %

Nationwide cumulative discharges from quarantine homes is 11,007

175 (8.7%) COVID-19 cases are among health workers

What is the trend in COVID-19 Case Fatality Rate (CFR) in Sierra Leone? See figure 2
COVID-19 SITREP Sierra Leone

Sierra Leone Ministry of Health and Sanitation

Figure 1: Daily COVID-19 Cases in Sierra Leone as of 10th September 2020; Western Area includes Western Urban and Western Rural Districts; Rural Districts includes all other 14 Districts

Figure 2: Biweekly COVID-19 Case Fatality Rate, week 1 to 22 of the outbreak, Sierra Leone 2020
Source: Sierra Leone COVID-19 line list

- Cases last week (Epi week 36) decreased by 6.7% compared to week 35
- The COVID-19 CFR in Sierra Leone peaked at 7% during week 7 to 8 of the outbreak and has been declining up to date (fig 2)
- It has been documented that globally COVID-19 Case Fatality Rates (CFR) have been declining
- Average daily alerts from 117 in Sierra Leone in the last 7 days are 2.5

Cases reported over the last 7 days
- 34 cases have been reported over the last 7 days
- The seven day moving average is 5.6
COVID-19 SITREP Sierra Leone

Sierra Leone Ministry of Health and Sanitation

Mortality

- 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 = 20.7%
- CFR among 45-60 years is 5.7%

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

Figure 5: Age-Sex Distribution of COVID 19 cases

Figure 6: COVID 19 Test and Positivity Rate per Epi Week

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

31,156

Total COVID-19

4.06

Tests/1000 population
COVID-19 SITREP Sierra Leone

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 36) reduced by 12.1% compared to Week 35. Positivity slightly increased to 1.5%.
- Average number of daily tests in the last 7 days is 393.
- Cumulative number of COVID-19 tests conducted is 31,156 (4.06 tests/1000 population).
- Average positivity rate of ALL samples tested for COVID-19 is 6.6%.
- 3 out of 16 districts reported COVID-19 cases over the last 7 days.
- National attack rate is 27.0 per 100,000 people.
- Districts with highest COVID-19 attack rate: Western Area Urban, Western Area Rural, Bonthe, Bo, Kenema and Port Loko.
- 97% of contacts currently under follow up were reached by contact tracers in the last 24 hours.
- 85% of persons under quarantine are under self-quarantine.

### Technical Areas

<table>
<thead>
<tr>
<th>Variable</th>
<th>No</th>
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</thead>
<tbody>
<tr>
<td>Contact Tracing</td>
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<tr>
<td>Cumulative No. of Contacts Listed</td>
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<tr>
<td>Total No. of contacts currently under monitoring</td>
<td>516</td>
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<td>Total No. of contacts reached in the last 24 hours</td>
<td>500 (97%)</td>
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<td>Quarantine</td>
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<td>Total No. Currently under quarantine</td>
<td>247</td>
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<td>Self-Quarantine</td>
<td>209 (85. %)</td>
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<td>Institutional Quarantine</td>
<td>38 (15 %)</td>
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<td>Laboratory Testing</td>
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<td>Laboratory tests done in last 24 hours</td>
<td>569</td>
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<tr>
<td>No of positive tests in last 24 hours (%)</td>
<td>2 (0.4%)</td>
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<td>Cumulative number of tests</td>
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<td>Event Based Surveillance (Last 24 hrs.)</td>
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<td>Total Alerts Received through 117 System</td>
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<td>No. of COVID related alerts</td>
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<tr>
<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 10/09/2020.