**HIGHLIGHTS**

- As at 16th April 2020, there are 15 confirmed and two probable COVID-19 cases reported in Sierra Leone
- Two new cases have been reported in the last 24 hours
- One of the new confirmed cases was reported in Kenema District
- Pillar level preparations for a subnational response are ongoing, including capacity building and increasing case management capacity

**EPIDEMIOLOGY & SURVEILLANCE**

**Summary of COVID-19 Cases in Sierra Leone as at 16th April, 2020**

- Thirteen (76.5%) cases are aged 15-50 years
- Median age of the cases is 34 years (Range 14-77 years).
- Gender: 11 (64.7%) males
- Four (25%) out of 16 districts have confirmed COVID-19 cases

<table>
<thead>
<tr>
<th>District</th>
<th>Confirmed Cases</th>
<th>Probable Cases</th>
<th>Deaths</th>
<th>Recovered Cases</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>New Confirmed</td>
<td>Cumulative</td>
<td>New Probable</td>
<td>Cumulative Probable</td>
</tr>
<tr>
<td>Western Area Urban</td>
<td>1</td>
<td>8</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Western Area Rural</td>
<td>0</td>
<td>2</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Port Loko</td>
<td>0</td>
<td>4</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Kenema</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>2</strong></td>
<td><strong>15</strong></td>
<td><strong>0</strong></td>
<td><strong>2</strong></td>
</tr>
</tbody>
</table>

**Age Distribution COVID-19 Cases, Sierra Leone**

- <15: 1 case
- 15-50: 13 cases
- 51-60: 0 cases
- >60: 3 cases

*COVID-19 SITREP Sierra Leone*
### Epidemiology of COVID-19 Cases, Sierra Leone 2020 as at 16th April 2020

- The first case of COVID-19 was confirmed on **30th March, 2020**
- Six of the confirmed cases and one probable case are contacts of case # two
- Ten cases have no history of travel to countries with COVID-19 transmission
- Two confirmed cases have no epidemiologic link to other confirmed cases and no history of travel
- Three of the cases are health care workers
- Kenema district in Eastern Sierra Leone is the latest district to report a

<table>
<thead>
<tr>
<th>Technical Areas</th>
<th>Variable</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Contact Tracing</strong></td>
<td>Cumulative no of high risk contacts on follow up</td>
<td>182</td>
</tr>
<tr>
<td></td>
<td>No. of contacts monitored in the last 24 hours</td>
<td>162 (89%)</td>
</tr>
<tr>
<td><strong>Quarantine</strong></td>
<td>Total No. Currently under quarantine</td>
<td>531</td>
</tr>
<tr>
<td></td>
<td>Self-Quarantine</td>
<td>333 (62.7%)</td>
</tr>
<tr>
<td></td>
<td>Institutional Quarantine</td>
<td>198 (37.3%)</td>
</tr>
<tr>
<td><strong>Laboratory Testing</strong></td>
<td>Laboratory tests done in last 24 hours</td>
<td>101</td>
</tr>
<tr>
<td></td>
<td>Cumulative number of tests</td>
<td>821</td>
</tr>
<tr>
<td></td>
<td>No of positive tests (% positivity rate)</td>
<td>15 (1.8%)</td>
</tr>
<tr>
<td><strong>Event Based Surveillance</strong></td>
<td>Total Alerts Received through 117 System</td>
<td>96</td>
</tr>
<tr>
<td>(last 24 hrs)</td>
<td>No. of COVID related alerts</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>No. of COVID related alerts investigated</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>No. of COVID related alerts discarded</td>
<td>0</td>
</tr>
</tbody>
</table>
Sierra Leone Ministry of Health and Sanitation

PUBLIC HEALTH ACTION / RESPONSE INTERVENTIONS

COORDINATION
- Daily technical and operational coordination meetings held at the PHNEOC

SURVEILLANCE
- Nationwide sensitization of health workers on COVID-19 is almost complete
- Refresher training of contact tracers and case investigation teams conducted in Freetown
- Delivery of samples to the lab and relay of results to quarantined persons is increasing turnaround time

LABORATORY
- Five laboratories are carrying out laboratory testing of COVID-19
- COVID-19 testing kits are running out and so is viral transport media
- Donation of VTM expected from the UN
- Leaking roof in CPHRL reported and is limiting the use of the lab

HAZARD CONTAINMENT (GOVERNMENT RESTRICTIONS)
- Inter-district travel restrictions in place starting 11th April 2020
- Ban on mass gatherings, closure of learning institutions and travel restrictions remain in effect

IPC and CASE MANAGEMENT
- Concept note for a mobile team delivering care to those in quarantine facilities has been developed
- Assessment of COVID-19 isolation and treatment sites conducted in Western Area, Kenema and Bo

RISK COMMUNICATION, COMMUNITY ENGAGEMENT & PSYCHOSOCIAL SUPPORT
- Social workers continue to provide support in various quarantine sites across the country
- Welfare concerns at quarantine centres reported and may affect the safety of vulnerable groups
- Lack of SOPS to guide quarantine management

RECOMMENDATIONS
- Training of waste management and burial teams
- Develop SOPS for enforcement of quarantine
- Streamline sample collection and relay of results for persons under quarantine
- Exhaustive contact listing and tracing for cases to limit further transmission

This Situation Report was developed jointly by: Government of Sierra Leone & World Health Organization, Sierra Leone

For any comments or inquiries contact: eocnsr2020@gmail.com