CHAMPS – Sierra Leone Site Characteristics:
Chiefdoms of Bombali Shebora and Siari in Bombali District and includes Makeni City
Population: 161,383
Crude birth rate: 32.4 live births per 1000 population
Under-5 mortality rate: 94 per 1000 live births
Stillbirth rate: 24.4 per 1000 total births
492 under-5 deaths and 130 stillbirths are expected annually at the CHAMPS site.

What’s New?
On December 1, 2020, CHAMPS restarted routine MITS sampling and laboratory procedures, following consultations with communities, hospital colleagues and district leaders. You would recall that starting on April 4, 2020 until October 31, 2020, CHAMPS pivoted to support the COVID19 response in Bombali district. During that period, CHAMPS had suspended MITS sampling, but continued to remotely respond to death notifications, conduct eligibility screening and request consent to conduct non-MITS whenever government restrictions were to be lifted. CHAMPS DeCoDe panel meetings have also been conducted remotely since April 4, 2020.

CHAMPS 117 Alert Criteria:
117 alert for a death from Bombali District
AND
Age Criteria: Confirmed stillbirth or less than 72 months of age

Location of Deaths

Age Distribution of Under-72 Months Deaths

Monthly Distribution of Unique Death Notifications to CHAMPS Surveillance

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November 2020

CHAMPS Case Update

CHAMPS Case Eligibility Criteria:
Residence in the catchment area (Bombali Shebora and Siari Chiefdoms) within the last 4 months AND Age Criteria: Confirmed stillbirth or less than 60 months of age

<table>
<thead>
<tr>
<th>November 2020: Total</th>
<th>CHAMPS Eligible</th>
<th>CHAMPS Consented</th>
<th>MITS Eligible</th>
<th>MITS Consented</th>
<th>MITS Conducted</th>
</tr>
</thead>
<tbody>
<tr>
<td>569</td>
<td>11</td>
<td>11</td>
<td>5</td>
<td>0</td>
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</table>

MITS Case Update—Feb. 25, 2019 to November 30, 2020

Age Category

<table>
<thead>
<tr>
<th></th>
<th>#</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stillbirth</td>
<td>64</td>
<td>30%</td>
</tr>
<tr>
<td>Under-5 Total</td>
<td>152</td>
<td>70%</td>
</tr>
<tr>
<td>Early Neonate</td>
<td>47</td>
<td>31%</td>
</tr>
<tr>
<td>Late Neonate</td>
<td>9</td>
<td>6%</td>
</tr>
<tr>
<td>Infant</td>
<td>37</td>
<td>24%</td>
</tr>
<tr>
<td>Child</td>
<td>59</td>
<td>39%</td>
</tr>
<tr>
<td>Grand Total</td>
<td>216</td>
<td></td>
</tr>
</tbody>
</table>

CHAMPS Case Update (includes MITS cases) - July 2018 to November 30, 2020

Age Category

<table>
<thead>
<tr>
<th></th>
<th>#</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stillbirth</td>
<td>173</td>
<td>33%</td>
</tr>
<tr>
<td>Under-5 Total</td>
<td>349</td>
<td>67%</td>
</tr>
<tr>
<td>Early Neonate</td>
<td>110</td>
<td>32%</td>
</tr>
<tr>
<td>Late Neonate</td>
<td>25</td>
<td>7%</td>
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<tr>
<td>Infant</td>
<td>100</td>
<td>29%</td>
</tr>
<tr>
<td>Child</td>
<td>114</td>
<td>33%</td>
</tr>
<tr>
<td>Grand Total</td>
<td>522</td>
<td></td>
</tr>
</tbody>
</table>

Clinical Abstractions

<table>
<thead>
<tr>
<th>November 2020:</th>
<th>Conducted</th>
<th>Verbal Autopsies</th>
<th>Cases</th>
<th>Family Feedback</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>7</td>
<td>9</td>
<td>13</td>
<td>19</td>
</tr>
<tr>
<td>July 2018 - Nov. 2020</td>
<td>473</td>
<td>437</td>
<td>122</td>
<td>109</td>
</tr>
</tbody>
</table>
CHAMPS 117 Alert Criteria:
AND
Age Criteria: Confirmed stillbirth or less than 72 months of age
117 alert for a death from Bombali District

AND
Age Criteria: Confirmed stillbirth or less than 60 months of age

CHAMPS Case Eligibility Criteria:
Residence in the catchment area (Bombali Shebora and Siari Chiefdoms) within the last 4 months
AND
Age Criteria: Confirmed stillbirth or less than 60 months of age

CHAMPS Minimally Invasive Tissue Sampling (MITS) Case Eligibility Criteria:
CHAMPS Case Eligibility Criteria (residence and age)
AND
Body is available
AND
Less than 24 hours between death and eligibility screening/consent

Program Overview

Under-5 Death or Stillbirth

Community or Facility Reporter

117 Call Center

CHAMPS Alerts

Eligibility Screening

Informed Consent Procedures

If eligible

Non-MITS

MITS Procedural Conducted

Verbal and Social Autopsy Interview

MITS Procedure Laboratory and Histopathology testing

Clinical Record Abstraction

CHAMPS Team meets with Family

Verbal and Social Autopsy Interview

Clinical Record Abstraction

Determination of Cause of Death Expert Panel

Data Analysis

ICD-10 Coded Cause of Death

Family notification of Cause of Death

Public Health Action

Community or Facility Reporter