GLOBAL HEALTH SECURITY—PRIORITY ZOONOTIC DISEASES: (KENYA)

• A total of 19 new animal alerts received this week with 14 progressive loss of weight, and 1 Cluster of abortions or deaths of young animals, 2 cluster of animal death, 1 abortion in late pregnancy; retained placenta; swelling of testicles and 1 aggressive animal bite.

• 5 new human diseases alerts reported this week: 1 cluster of unusual illnesses or death of people, 1 acute watery diarrhea, 1 hotness of the body and rash, 1 neonatal death and 1 sudden paralysis.

• Cumulatively, over the reporting period (01/10 to 03/01/2021) there have been an increase in progressive loss of weight as well as Cluster of abortions or deaths of young animals having recorded 105 and 44 alerts respectively with Marsabit County having the highest alert with 62 alerts for progressive loss of weight and 29 cluster of abortions.

• 273 zero reports as well 6 rumor reports received from the community volunteers this week.

As shown in the above WhatsApp screenshot, the Dadaab sub-county disease surveillance coordinator, Mr. Dennis Osongo, commended the community mobilizers for the exemplary performance by detecting and reporting 7 out of the 8 suspected AFP cases reported in the sub-county. The sub-county surveillance with the support of CORE Group and WHO has intensified AFP active case search along the Kenya-Somalia border due to the cVDPV2 outbreak in Somalia, especially in Kisamyo.
Strengthening of immunization systems: Outreach services to hard to reach border, nomadic pastoralist. (28/12/2020 – 03/01/2021)

Source: CGPP program data

KENYA: Total # of children Defaulted = 276
Total # of children traced= 40 (44%)

SOMALIA: Total # of children Defaulted = 39
Total # of children traced= 20 (51%)

The CGPP project support 97 border health facilities in Kenya and 27 border health facilities in Somalia. The border health facilities are required to analyze their catchment populations needs and immunization coverage hence plan for two integrated outreach sessions in the facility micro-plans. This outreach clinics should target the nomadic and hard to reach population and other vulnerable populations e.g. minorities/IDPs.

The community mobilizers and community volunteers conduct social mobilization in the outreach sites for maximum utilization of the services including sensitization on vaccine preventable diseases.

Active case search for AFP is also integrated during social mobilization/community sensitizations. A reward of KES 1000 ($10) is given to any community mobilizer/community informants who reports a suspected AFP case that meets the lay case definition. The project supports a maximum of 12 cases per County/region.

During migration of the pastoralist, parents are advised to complete their immunization schedule for their children in health facilities along their migratory routes. Facility-in-charges with the help of community mobilizers, also coordinate on children who have defaulted so that they can be traced to complete the uptake of the remaining antigens.
In strengthening community disease surveillance, the community mobilizers conduct **active surveillance visits** to villages, nomadic settlements, traditional healers on the need to report suspected disease conditions e.g. AFP, Measles, Cholera/AWDs. Any suspected disease conditions immediately are reported to health facilities in-charges and disease surveillance coordinators for follow up and verifications.

The community mobilizers keep record of all the suspected disease conditions reported to health facilities.
Community Based Disease Surveillance on Priority Zoonotic Diseases.

Rumour and Zero Reports as from 01/10/2020 - 03/01/2021

<table>
<thead>
<tr>
<th>County/Region</th>
<th>Rumour</th>
<th>Zero reporting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Garissa</td>
<td>3</td>
<td>96</td>
</tr>
<tr>
<td>Lamu</td>
<td>6</td>
<td>54</td>
</tr>
<tr>
<td>Mandera</td>
<td>2</td>
<td>114</td>
</tr>
<tr>
<td>Marsabit</td>
<td>10</td>
<td>291</td>
</tr>
<tr>
<td>Nairobi</td>
<td>13</td>
<td>67</td>
</tr>
<tr>
<td>Turkana</td>
<td>16</td>
<td>1819</td>
</tr>
<tr>
<td>Wajir</td>
<td>16</td>
<td>1196</td>
</tr>
<tr>
<td><strong>SOMALIA</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bakool</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Gedo</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Lower_Juba</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>66</td>
<td>3,637</td>
</tr>
</tbody>
</table>

- **Rumor report** – this are hearsay information on diseases or disease intelligence reports collected by the community mobilizers from informal sources e.g. livestock owners, animals markets, abattoirs (Slaughterhouse) and milk vendors. The disease information is kept in registers for further clarification/verifications by animal health officer/veterinary officer/MoH-Disease surveillance officers.

- **Zero-dose children** - are reports showing the community volunteers are doing active case search but no alerts picked during active case search.

ANIMAL ALERTS RECEIVED BY COUNTIES.
01/10/2020 - 03/01/2021

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Social Mobilization Activities

Summary - Social Mobilization Activities

<table>
<thead>
<tr>
<th>Region</th>
<th># of times HH visited</th>
<th># of children &lt; 5 yrs. reached</th>
<th># reached (one on one contact)</th>
<th># reached (Group Meeting)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kenya</td>
<td>1,727</td>
<td>1,432</td>
<td>1,759</td>
<td>1,050</td>
</tr>
<tr>
<td>Somalia</td>
<td>1,819</td>
<td>2,041</td>
<td>477</td>
<td>303</td>
</tr>
</tbody>
</table>

Social mobilizations is to sensitize communities on the importance of personal hygiene, regular hand-washing, physical distancing and wearing of masks (especially in this period of COVID-19) in disease prevention at community level. Also community mobilizers & Community Disease Reporters (CMs/CDRs) are looking for suspected AFP & Zoonotic cases using simplified lay case definitions to identify suspected AFP cases and other disease conditions (e.g. measles, Acute Watery Diarrhea—AWDs). This is done through one to one meeting at household level or group meeting organized at the community level. The community mobilizers are required to generate reports to the project supervisors and also CHAs or border health facility in-charge.

The CMs engage in community mobilization for RI services especially during outreach clinic sessions and in RI defaulter tracing.
**POLIO UPDATES (KENYA)**

- National NP-AFP & % Stool adequacy stood at 1.75 and 85.5% respectively. In addition, Non-polio Enterovirus (NPENT) isolation rate is 11.5%.
- 188 (63.7%) sub counties in 46/47 counties detected an AFP case. 73 sub counties, with >=50K U15 population, are silent.
- Fourteen (30.4%) counties have met both AFP key indicators. However, 12 (26.1%) failed in both key indicators.


**POLIO UPDATES (SOMALIA)**

The main highlights are summarized below:

- A total of 360 AFP cases (166 Female and 194 Male) have been reported in 2020. Of these 344 (96%) have lab result and 16(4%) cases are in the lab for processing. Of the cases with lab results, 15 (fifteen) cases have SL isolation, one case was positive for aVDPV1, fourteen (14) cases were cVDPV2, and 314 cases were negative.
- Of the 658 stool samples from 329 cases with lab results in 2020, 104 (16%) samples have EV isolation.
- A total of 77 ES samples were collected from seven ES sites and sent to the lab in 2020. 30 samples are negative, four (4) had SL (1&3), 4 had SL2, 10 samples had NPEV, one(1) had EV+NPEV, one (1) had EV and twenty-six (26) were cVDPV2. 1 ES sample are in the lab for processing.


**CHALLENGES**

- Poor network connectivity in some areas
- Insecurity along the Kenya Somalia border due to Insurgents activities.
- Competing priorities affecting project planned activities due to Covid-19 pandemic.
Right:
community mobilization and AFP case search at Deka, Tula cady and darken doqa villages of Elwak district of Gedo region Somalia.
Photo credit, Ibrahim – Somalia Aid

Center: Conducting integrated outreach at Sadahgosa settlement of Fafi, Garissa County. Photo credit, Hassan-ARC

Active case search for Zoonotic diseases by CM Mr. Yarrow in Arabia village
Photo credit, Mohamed – ADRA-K

Community sensitization meeting in Gagaba- Mandera County. Photo credit, Mohamed-ADRA-K

Abdi Muhumed Ade- CHV in Gawido village of Belet-hawa district in Geda region Somalia during day 4 SIA campaign. Photo credit, Dakane -ARC