



**MINISTRY OF HEALTH
DISEASE SURVEILLANCE AND RESPONSE UNIT**

Kenya cVDPV2 Outbreak Situation Report – May 14, 2018

Highlights



Location of cVDPV2 detection in Kamukunji Sub County, Nairobi- Kenya

Source: MOH-EOC/WHO

- Round 0 response SIAs completed in Nairobi.
- Two rounds of mOPV2 SIAs in June and July (12 counties)
- **A total of 768,003 (94%) of the 817,782 children targeted were vaccinated by the end of the campaign**
- So far no negative incident reported during the campaign.
- Independent monitoring being carried out from 14th-15th May 2018

Background

- Environmental sample collected on 21st March 2018 from Eastleigh, Kamukunji site 2, Nairobi County. Sequencing results confirming cVDPV2 were received from CDC Atlanta on 11th April.
- In 2013, environmental surveillance was established in Kenya following the polio outbreak. Currently there are a total of 9 collection sites in Nairobi, Garissa, Kisumu and Mombasa.
- The last case of wild poliovirus in Kenya had a date of onset of 14 July 2013 during the 2013-2014 Horn of Africa polio outbreak. Prior to that the country had wild poliovirus (WPV1) outbreaks in 2006, 2009 and 2011.



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- The Public Health Emergency Operations Center is fully activated for coordination of response activities

Immunization response

A total of 768,003 (94%) of the 817,782 children targeted were vaccinated by the end of the campaign

Summary of county immunization coverage at the end of the campaign

| Sub County | Target | Vaccinated | % |
|---------------|--------|------------|-----|
| Dagoretti | 94182 | 82007 | 87 |
| Embakasi East | 109912 | 112690 | 103 |
| Embakasi West | 100811 | 100551 | 100 |
| Kamukunji | 48072 | 46589 | 97 |
| Kasarani | 100030 | 101426 | 101 |
| Langata | 81098 | 70663 | 87 |
| Makadara | 40453 | 37624 | 93 |
| Ruaraka | 103436 | 97786 | 95 |
| Starehe | 94261 | 75052 | 80 |
| Westlands | 45527 | 43615 | 96 |
| County Total | 817782 | 768003 | 94 |

Surveillance

- Environmental surveillance sample collection is being done weekly in Nairobi sites (Kamukunji and Mathare) and Garissa sites.
- An AFP surveillance enhancement plan has been developed to address gaps in surveillance especially in high risk areas of Nairobi and in border communities in North Eastern Kenya that share a border with Somalia.



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M&E sub-committee

- Independent monitoring is being carried out in all the 10 sub counties from 14th-15th May 2018
- Data will be captured in an offline tool, which will then be transferred to an online IM data collection sheet.

Summary of day 5 cumulative data

| Sub-County | Population | | | HH+Outside | | HH+Outside | | Sub County Coverage (HH+Outside HH) | |
|---------------|-------------------------|----------------------------------|-----------------------------------|-------------|-----|------------|-----|-------------------------------------|-----|
| | County Total Population | Population 0-11 Mnths (20%) of B | Population 12-59 Mnths (80%) of B | 0-11 Months | % | 12-59 Mths | % | | |
| | | | | | | | | | |
| Dagoretti | 94,182 | 18,836 | 75,346 | 12515 | 66 | 69492 | 92 | 82007 | 87 |
| Embakasi East | 109,912 | 21,982 | 87,930 | 19735 | 90 | 92955 | 106 | 112690 | 103 |
| EMbakasi West | 100,811 | 20,162 | 80,649 | 16213 | 80 | 76296 | 95 | 92509 | 92 |
| Kamukunji | 48,072 | 9,614 | 38,458 | 7400 | 77 | 39189 | 102 | 46589 | 97 |
| Kasarani | 100,030 | 20,006 | 80,024 | 20,209 | 101 | 80,840 | 101 | 101,049 | 101 |
| Langata | 81,098 | 16,220 | 64,878 | 11,456 | 71 | 59,207 | 91 | 70,663 | 87 |
| Makadara | 40,453 | 8,091 | 32,362 | 7088 | 88 | 30536 | 94 | 37624 | 93 |
| Ruaraka | 103,436 | 20,687 | 82,749 | 18130 | 88 | 79656 | 96 | 97786 | 95 |
| Starehe | 94,261 | 18,852 | 75,409 | 13,789 | 73 | 52,750 | 70 | 66,539 | 71 |
| Westlands | 45,527 | 9,105 | 36,422 | 7,955 | 87 | 35,660 | 98 | 43,615 | 96 |
| County Total | 817,782 | 163,556 | 654,226 | 134,490 | 82 | 616,581 | 94 | 751,071 | 92 |

End of campaign review meetings in the various sub counties



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