Annex 1

Estimation of Vaccine Supplies for Ring Vaccination

a) **Size of target population**
10-15 months & 2-15 years age group = 39% of population targeted
Total population in affected wards = 131,527
Total 10-15 months & 2-15 years population in affected wards = 51,295

b) **Number of doses recommended**
Each child should receive One Dose of MCV

c) **Number of doses required including Vaccine Wastage:**
Using wastage factor of 20%
Size of target population x Number of doses recommended x Wastage factor
51,295 x 1 x 1.2 = 61,554 doses including wastage

d) **Total number of estimated doses allowing for reserve stock**
Using reserve factor of 25%
Number of doses including wastage x 1.25 = Total number of estimated doses
61,554 x 1.25 = 76,942 doses estimated

e) **Total number of vaccine vials required**
Total number of estimated doses / doses per vial = Total number of vial required
76,942 / 10 = 7,694 vaccine vials required
f) **Total diluents required**  
Diluent required per vial x Total number of vials required  
1 x 7,694 = 7,694

g) **Number of auto disposable syringes required**  
Total number of estimated AD Syringes = Total number of estimated doses  
76,942

h) **Number of reconstitution syringes:**  
Total number of vials = Total number of reconstitution syringes  
7,694

i) **Total number of safety boxes required**  
Total AD Syringes + Reconstitution syringes / 100  
76,942 + 7,694 / 100  
846.

**Note**

i. The safety boxes with used AD & reconstituted syringes should be properly disposed off either by burning or burying in a pit.

ii. The used vaccine vials should also be properly disposed by burning or burying in pits.

iii. The DHMT should ensure proper cold chain for carrying the vaccines to the field. There should be sufficient capacity for freezing ice packs to carry the vaccines.
### Annex 2

**Line List of Measles Cases**

<table>
<thead>
<tr>
<th>Name</th>
<th>Age</th>
<th>Sex</th>
<th>Reporting HF</th>
<th>Ward #</th>
<th># of measles doses</th>
<th>Date of last measles vaccine</th>
<th>Date of onset of rash</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>KK</td>
<td>1 yr 1 month</td>
<td>F</td>
<td>Gray Bush CHC</td>
<td>382</td>
<td>1</td>
<td>11-May-15</td>
<td>5-Sep-15</td>
<td>Positive</td>
</tr>
<tr>
<td>WSK</td>
<td>6 yr</td>
<td>M</td>
<td>Phillip Street MCHP</td>
<td>352</td>
<td>1</td>
<td>9-Oct-09</td>
<td>8-Sep-15</td>
<td>Positive</td>
</tr>
<tr>
<td>ABG</td>
<td>8 yr</td>
<td>M</td>
<td>Koya Town CHC</td>
<td>350</td>
<td>Unknown</td>
<td>Unknown</td>
<td>25-Sep-15</td>
<td>Negative</td>
</tr>
<tr>
<td>HK</td>
<td>7 yr</td>
<td>F</td>
<td>Newton CHC</td>
<td>344</td>
<td>Unknown</td>
<td>Unknown</td>
<td>1-Oct-15</td>
<td>Positive</td>
</tr>
<tr>
<td>AK</td>
<td>11 yr</td>
<td>F</td>
<td>Newton CHC</td>
<td>344</td>
<td>Unknown</td>
<td>Unknown</td>
<td>1-Oct-15</td>
<td>Positive</td>
</tr>
<tr>
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<td>M</td>
<td>Newton CHC</td>
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<td>Unknown</td>
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<td>Intermediate</td>
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<td>Approved School CHC</td>
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<td>Negative</td>
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<td>1 yr 8 months</td>
<td>F</td>
<td>Koya Town CHC</td>
<td>350</td>
<td>2</td>
<td>Unknown</td>
<td>5-Oct-15</td>
<td>Positive</td>
</tr>
<tr>
<td>KB</td>
<td>1 yr 4 months</td>
<td>F</td>
<td>Approved School CHC</td>
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<td>1</td>
<td>2-May-15</td>
<td>23-Oct-15</td>
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<tr>
<td>IM</td>
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<td>F</td>
<td>Wellington CHC</td>
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<td>25-Oct-15</td>
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<td>ES</td>
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<td>Weilberforce CHC</td>
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<td>24-Oct-15</td>
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<tr>
<td>BK</td>
<td>6 yr</td>
<td>F</td>
<td>Weilberforce CHC</td>
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<td>1-Sep-10</td>
<td>6-Nov-15</td>
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</tr>
<tr>
<td>IJ</td>
<td>1 yr 8 months</td>
<td>M</td>
<td>Tect Jui New site CHP</td>
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<td>Nil</td>
<td>11-Nov-15</td>
<td>Pending</td>
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