

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

$51,295 \times 1 \times 1.2 = 61,554$ 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

$61,554 \times 1.25 = 76,942$ 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

$$1 \times 7,694 = 7,694$$

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

Name	Age	Sex	Reporting HF	Ward #	# of measles doses	Date of last measles vaccine	Date of onset of rash	Result
KK	1 yr 1 month	F	Gray Bush CHC	382	1	11-May-15	5-Sep-15	Positive
WSK	6 yr	M	Phillip Street MCHP	352	1	9-Oct-09	8-Sep-15	Positive
ABG	8 yr	M	Koya Town CHC	350	Unknown	Unknown	25-Sep-15	Negative
HK	7 yr	F	Newton CHC	344	Unknown	Unknown	1-Oct-15	Positive
AK	11 yr	F	Newton CHC	344	Unknown	Unknown	1-Oct-15	Positive
SK	4 yr 6 months	M	Newton CHC	344	Unknown	Unknown	26-Sep-15	Intermediate
AK	2 yr 7 months	F	Approved School CHC	356	2	Unknown	2-Oct-15	Negative
MK	1 yr 8 months	F	Koya Town CHC	350	2	Unknown	5-Oct-15	Positive
KB	1 yr 4 months	F	Approved School CHC	356	1	2-May-15	23-Oct-15	Positive
IM	3 yr	F	Wellington CHC	351	1	26-Aug-13	25-Oct-15	Positive
ES	6 yr	F	Weilberforce CHC	389	Unknown	Unknown	24-Oct-15	Negative
IK	14 yr	M	Allen Town CHC	347	Unknown	Unknown	25-Oct-15	Pending
BK	6 yr	F	Weilberforce CHC	389	1	1-Sep-10	6-Nov-15	Pending
IJ	1 yr 8 months	M	Tect Jui New site CHP	329	Nil	Nil	11-Nov-15	Pending