

Scenario 1 (i) – VAS coverage by delivery method and age group for one semester												
Semester-level data by age group	Denominators				Numerators				Coverage			
	Routine		Event (NID)		Routine		Event (NID)		Routine		Event (NID)	
	6-11 months	12-59 months	6-11 months	12-59 months	6-11 months	12-59 months	6-11 months	12-59 months	6-11 months	12-59 months	6-11 months	12-59 months
Data source	CSO - Census 2009 + pop growth <sup>1</sup>	CSO - Census 2009 + pop growth <sup>1</sup>	Polio/EPI Programme	Polio/EPI Programme	Combined monthly reports from district	Combined monthly reports from district	NID tally sheet district summary	NID tally sheet district summary				
Formula reference:	A	B	C	D	E	F	G	H	I	J	K	L
									E/A	F/B	G/C	H/D
District 1	97,235	486,175	126,068	630,340	72,400	52,590	20,211	385,951	74%	11%	16%	61%
District 2	122,760	613,800	144,261	721,305	99,498	157,908	5,800	701,096	81%	26%	4%	97%
District 3	68,009	340,045	79,029	395,145	38,765	95,898	23,739	196,125	57%	28%	30%	50%
District 4	153,698	768,490	179,220	896,100	50,458	65,289	18,521	325,956	33%	8%	10%	36%
to District n												
<b>NATIONAL TOTAL</b>	<b>441,702</b>	<b>2,208,510</b>	<b>528,578</b>	<b>2,642,890</b>	<b>261,121</b>	<b>371,685</b>	<b>68,271</b>	<b>1,609,128</b>	<b>59%</b>	<b>17%</b>	<b>13%</b>	<b>61%</b>

1

2a

2b

3a

3b

4

5

<sup>1</sup> CSO = Central Statistics Office annual bulletin: e.g. Census 2009 plus estimate for population growth

Important to report and use (for programme management): four coverage estimates, columns I-L

For calculation of coverage for the combined age group (6-59 months of age), see next table: Scenario 1 (ii)

Scenario 1(ii) – VAS coverage by combined age groups and delivery method for one semester							
Semester-level data from Scenario 1 (i)	Denominators		Numerators		Coverage		Overall semester coverage
	Routine	Event (NID)	Routine	Event (NID)	Routine	Event (NID)	
	6-59 months of age (combined)		6-59 months of age (combined)		6-59 months of age (combined)		
Data source	CSO - Census 2009 + pop growth <sup>1</sup>	EPI/ Polio NID	Monthly reports from district	NID tally sheet district summary			
Formula reference (from Scenario 1 (Di)):	A+B	C+D	E+F	G+H	E+F/A+B	G+H/C+D	Highest coverage (M)
District 1	583,410	756,408	124,990	406,162	21%	54%	54%
District 2	736,560	865,566	257,406	706,896	35%	82%	82%
District 3	408,054	474,174	134,663	219,864	33%	46%	46%
District 4	922,188	1,075,320	115,747	344,477	13%	32%	32%
to							
District n							
<b>NATIONAL TOTAL</b>	<b>2,650,212</b>	<b>3,171,468</b>	<b>632,806</b>	<b>1,677,399</b>	<b>24%</b>	<b>53%</b>	<b>53%</b>

6a

6b

7a

7b

8a

8b

9

<sup>1</sup> CSO = Central Statistics Office annual bulletin: e.g. Census 2009 plus estimate for population growth

Column M (combined delivery methods and age groups) may be used as input for calculation of overall two-dose annual coverage, however it is not useful for programme management and may not be possible to generate in more complicated situations.

Scenario 2 (i) - VAS coverage by delivery method and age group for one semester												
Semester-level data by age group	Denominators				Numerators				Coverage			
	Routine		Event (CHD)		Routine		Event (CHD)		Routine		Event (CHD)	
	6-11 months	12-59 months	6-11 months	12-59 months	6-11 months	12-59 months	6-11 months	12-59 months	6-11 months	12-59 months	6-11 months	12-59 months
Data source	CSO - Census 2009 + pop growth <sup>1</sup>	CSO - Census 2009 + pop growth <sup>1</sup>	MOH HMIS estimate	MOH HMIS estimate	Combined monthly reports from district	Combined monthly reports from district	CHD tally sheet district summary	CHD tally sheet district summary				
Formula reference:	A	B	C	D	E	F	G	H	I E/A	J F/B	K G/C	L H/D
District 1	206,894	986,175	235,063	1,067,306	162,657	-	24,025	885,852	79%	-	10%	83%
District 2	134,152	613,800	149,001	749,175	87,200	-	25,800	376,852	65%	-	17%	50%
District 3	158,226	768,490	164,590	806,490	78,610	-	32,974	636,125	50%	-	20%	79%
District 4	56,807	340,045	68,732	355,631	52,933	-	0	318,699	93%	-	0%	90%
to District n												
NATIONAL TOTAL	556,079	2,708,510	617,386	2,978,601	370,400	-	82,799	2,217,528	69%	-	13%	74%

1

2

3a

3b

3c

<sup>1</sup> CSO = Central Statistics Office annual bulletin: e.g. Census 2009 plus estimate for population growth  
 For calculation of coverage for the combined age group (6-59 months of age), see next table: Scenario 2 (ii)

Scenario 2(ii) – VAS coverage by combined age group for one delivery method for one semester				
Semester-level data by age group	Denominators	Numerators	Coverage	Overall semester coverage
	Event (CHD)	Event (CHD)	Event (CHD)	
6-59 months	6-59 months	6-59 months	6-59 months	
Data source	MOH HMIS estimate	CHD tally sheet district summary		Not possible to combine delivery methods and age groups with this different delivery choice by age group scenario
Formula reference (from Scenario 2(i)):	C+D	G+H	G+H/C+D	
District 1	1,302,369	909,877	70%	
District 2	898,176	402,652	45%	
District 3	971,080	669,099	69%	
District 4	424,363	318,699	75%	
to				
District n				
NATIONAL TOTAL	3,595,987	2,300,327	64.0%	

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Calculating a coverage estimate for combined delivery methods and age groups is not possible in this scenario due to (intentionally) missing numerator data for 12-59 months old for routine health system contact delivery.

Scenario 3 - VAS coverage by delivery method and age group for one semester										
Semester-level data	Denominators				Numerators				Coverage	
	Routine		Event (CHD)		Routine		Event (CHD)		Routine	Event (CHD)
	6-11 months	12-59 months	6-11 months	12-59 months	6-11 months	12-59 months	6-11 months	12-59 months	6-11 months	12-59 months
Data source	CSO - Census 2009 + pop growth <sup>1</sup>	CSO - Census 2009 + pop growth <sup>1</sup>	MOH HMIS estimate	MOH HMIS estimate	Combined monthly reports from district	Combined monthly reports from district	CHD tally sheet district summary	CHD tally sheet district summary		
Formula reference:	A	B	C	D	E	F	G	H	I	J
									E/A	H/D
District 1	110,492	-	-	1,191,460	79,600	-	-	1,043,804	72%	88%
District 2	138,224	-	-	1,107,040	93,992	-	-	879,408	68%	79%
District 3	272,036	-	-	2,531,824	251,948	-	-	2,544,500	93%	101%
District 4	409,388	-	-	3,602,272	346,272	-	-	3,294,796	85%	91%
to										
District n										
NATIONAL TOTAL	930,140	-	-	8,432,596	771,812	-	-	7,762,508	83%	92%

<sup>1</sup> CSO = Central Statistics Office annual bulletin: e.g. Census 2009 plus estimate for population growth  
 Important to report and use (for programme management): two coverage estimates, columns I and J  
 Calculation of a coverage estimate for the combined age group (6-59 months of age) is not possible in this scenario