

Characteristic	Development dataset (n=1015)			Validation dataset (n=426)		
	Missing Value, n (%)	Stunting n (%)	Values*	Missing Value, n (%)	Stunting, n (%)	Values*
Infant at birth						
<i>Demographic</i>						
Male sex, n (%)	2 (0.2%)	171 (99.4%)	541 (53.4%)	3 (0.7%)	70 (100%)	237 (56.0%)
<i>Anthropometric</i>						
Weight (grams)	1 (0.1%)	171 (99.4%)	3163 [394] (1300-4600)	0 (0%)	70 (100%)	3106 [464] (900-4400)
Gestational age (weeks)	43 (4.2%)	165 (95.9%)	39.1 [1.9] (28.4-45.9)	0 (0%)	70 (100%)	38.6 [3.2] (23.4-50.1)
Infant at 6/8 weeks post-birth						
<i>Anthropometric</i>						
Length (cm)	16 (1.6%)	168 (97.7%)	56.4 [3.1] (45.0-71.0)	3 (0.7%)	70 (100%)	57.0 [2.6] (46.3-65.0)
Length for age z-score	16 (1.6%)	168 (97.7%)	-0.07 [1.50] (-7.14-6.77)	3 (0.7%)	70 (100%)	-0.28 [1.14] (-7.12-3.00)
Stunting	16 (1.6%)	168 (97.7%)	83 (8.3%)	3 (0.7%)	70 (100%)	18 (4.3%)
Infant at 6 months post-birth						
<i>Anthropometric</i>						
Weight (grams)	54 (5.3%)	161 (93.6%)	7723 [987] (5000-13900)	14 (3.3%)	67 (95.7%)	7859 [956] (5000-11500)
Length (cm)	56 (5.5%)	161 (93.6%)	66.0 [2.3] (59.5-74.2)	14 (3.3%)	67 (95.7%)	67.1 [2.4] (54.9-74.5)
Length for age z-score	56 (5.5%)	161 (93.6%)	-0.57 [0.93] (-4.22-3.01)	17 (4.0%)	67 (95.7%)	-0.31 [1.03] (-5.33-2.92)
Stunting, n (%)	56 (5.5%)	161 (93.6%)	56 (5.8%)	17 (4.0%)	67 (95.7%)	20 (4.9%)
<i>Infections</i>						
Fever last 2 weeks	54 (5.3%)	161 (93.6%)	242 (25.2%)	14 (3.3%)	67 (95.7%)	132 (32.0%)
<i>Biochemical</i>						
Haemoglobin (g/dL)	75 (7.4%)	159 (92.4%)	11.0 [1.1] (6.5-15.5)	74 (17.4%)	58 (82.9%)	10.2 [1.4] (5.0-14.0)
Maternal at 12 weeks of pregnancy (enrolment)						
<i>Demographic</i>						
Age (years)	0 (0%)	172 (100%)	25.7 [4.9] (16-45)	0 (0%)	70 (100%)	26.1 [4.9] (16-41)

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	Missing Value, n (%)	Stunting n (%)	Values*	Missing Value, n (%)	Stunting, n (%)	Values*
Weight (kg)	0 (0%)	172 (100%)	47.0 [5.4] (33.7-81.4)	0 (0%)	70 (100%)	47.8 [5.4] (33.2-66.4)
Height (cm)	1 (0.1%)	172 (100%)	153.8 [4.7] (138.0-167.7)	0 (0%)	70 (100%)	153.5 [4.6] (139.0-168.4)
BMI (kg/m ²)	1 (0.1%)	172 (100%)	19.9 [2.0] (14.1-30.2)	0 (0%)	70 (100%)	20.3 [2.1] (15.2-26.5)
MUAC (cm)	1 (0.1%)	172 (100%)	23.8 [2.0] (15.8-33.8)	0 (0%)	70 (100%)	24.3 [2.2] (18.3-34.0)
Highest education	0 (0%)	172 (100%)		1 (0.2%)	69 (98.6%)	
Primary school			152 (15.0%)			79 (18.6%)
Secondary school			683 (67.3%)			275 (64.7%)
University/College			180 (17.7%)			71 (16.7%)
Employment	0 (0%)	172 (100%)		0 (0%)	70 (100%)	
Farmer/Housewife			545 (53.7%)			238 (55.9%)
Factory worker/Trader			331 (32.6%)			137 (32.2%)
Government official/clerk			129 (13.7%)			51 (12.0%)
Type of supplement taken	0 (0%)	172 (100%)		-	-	N/A
Weekly iron			681 (67.1%)			
Intermittent iron			334 (32.9%)			
Multigravida	1 (0.1%)	172 (100%)	697 (68.7%)	0 (0%)	70 (100%)	276 (64.8%)
Maternal at 32 weeks of pregnancy						
<i>Demographic</i>						
Weight (kg)	94 (9.3%)	153 (89.0%)	55.2 [5.9] (40.5-86.7)	53 (12.4%)	58 (82.9%)	54.3 [5.8] (38.7-73.9)
Weekly weight gain between enrolment and third trimester weight (grams)	94 (9.3%)	153 (89.0%)	411 [126] (26-919)	54 (12.7%)	58 (82.9%)	401 [140] (61-1006)
<i>Biochemical</i>						
Haemoglobin (g/dL)	107 (10.5%)	151 (87.8%)	12.4 [1.2] (7.2-16.4)	74 (17.4%)	55 (78.6%)	12.0 [1.4] (8.0-16.8)
Ferritin (ug/L)	111 (10.9%)	150 (87.2%)	28 {17-42} (4-216)	89 (20.9%)	54 (77.1%)	11 {7-17} (3.7-108.5)
Maternal at 6 months post-birth						
<i>Demographic</i>						

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	Missing Value, n (%)	Stunting n (%)	Values*	Missing Value, n (%)	Stunting, n (%)	Values*
Weight (kg)	59 (5.8%)	161 (93.6%)	48.8 [6.1] (33.5-86.3)	14 (3.3%)	67 (95.7%)	48.4 [5.7] (36.0-66.4)
BMI (kg/m ²)	60 (5.9%)	161 (93.6%)	20.6 [2.3] (15.2-32.0)	14 (3.3%)	67 (95.7%)	20.5 [2.2] (15.3-28.5)
Paternal at 12 months post-birth						
<i>Demographic</i>						
Weight (kg)	54 (5.3%)	159 (92.4%)	57.7 [7.0] (39.0-81.0)	27 (6.3%)	66 (94.3%)	56.8 [7.3] (34.0-87.0)
Height (cm)	54 (5.3%)	159 (92.4%)	165.8 [5.5] (145-182)	27 (6.3%)	66 (94.3%)	165.0 [5.8] (130-184)
BMI (kg/m ²)	54 (5.3%)	159 (92.4%)	20.9 [2.1] (14.7-28.0)	27 (6.3%)	66 (94.3%)	20.8 [2.3] (14.2-31.2)
Highest education	34 (3.3%)	168 (97.7%)		11 (2.6%)	65 (92.9%)	
Primary school			98 (10.0%)			65 (15.7%)
Secondary school			572 (58.3%)			291 (70.1%)
University/College			311 (31.7%)			59 (14.2%)
Employment	18 (1.8%)	168 (97.7%)		1 (0.2%)	69 (98.6%)	
Farmer/Housewife			538 (54.0%)			188 (44.2%)
Factory worker/Trader			371 (37.2%)			195 (45.9%)
Government official clerk			88 (8.8%)			42 (9.9%)
Household socio-economic status						
Wealth Index [†]	12 (1.2%)	169 (98.3%)		0 (0%)	70 (100%)	
Poorest			-2.9 [1.1]			-2.9 [0.8]
Poor			-0.8 [0.5]			-1.2 [0.4]
Middle			0.3 [0.3]			0.0 [0.4]
Rich			1.4 [0.2]			1.4 [0.4]
Richest			2.0 [0.2]			2.7 [0.3]