

**S2 Table: Comparison of Baseline characteristics and prophylaxis status for HIV exposed infants with and without first HIV DNA PCR test results**

Variable		HEIs with HIV DNA PCR Test Result	HEIs without HIV DNA PCR Test Result	Total	P-value
		n (%)	n (%)	n (%)	
<b>Gender</b>	Male	836 (50.6%)	79 (50.0%)	915 (50.6%)	0.879
	Female	815(49.4%)	79 (50.0%)	894(49.4%)	
	<b>Total</b>	1,651 (100.0%)	158 (100.0%)	1,809 (100.0%)	
<b>Age</b>	≤6 weeks	499 (30.2%)	44 (27.8%)	543 (30.0%)	<b>0.001</b>
	>6 weeks to 2 months	387 (23.4%)	28 (17.7%)	415 (22.9%)	
	>2months – 6 months	441 (26.7%)	39 (24.7%)	480 (26.5%)	
	>6 - 12 months	245 (14.8%)	28 (17.7%)	273 (15.1%)	
	>12 months	59 (3.6%)	11 (7.0%)	70 (3.9%)	
	Missing	20 (1.2%)	8 (5.1%)	28 (1.5%)	
	<b>Total</b>	1,651 (100.0%)	158 (100.0%)	1,809 (100.0%)	
<b>Infant Feeding Option</b>	Exclusive breast-feeding	890 (53.9%)	100 (63.3%)	990 (54.7%)	<b>0.002</b>
	Not breast-fed or Replacement feeding	429 (26.0%)	20 (12.7%)	449 (24.8%)	
	Mixed feeding	257 (15.6%)	32 (20.2%)	289 (16.0%)	
	Missing	75(4.5%)	6 (3.8%)	81 (4.5%)	
	<b>Total</b>	1,651 (100.0%)	158 (100.0%)	1,809 (100.0%)	

Variable	HEIs with HIV DNA PCR Test Result	HEIs without HIV DNA PCR Test Result	Total	P-value	
	n (%)	n (%)	n (%)		
<b>Reason for PCR</b>	First test for healthy exposed infant	1,285 (77.8%)	118 (74.7%)	1,403 (77.6%)	0.500
	First test for sick infant	30 (1.8%)	2 (1.3%)	32 (1.8%)	
	Problem with first test	336 (20.4%)	38 (24.0%)	374 (20.7%)	
	<b>Total</b>	1,651 (100.0%)	158 (100.0%)	1,809 (100.0%)	
<b>Maternal ARVs</b>	ART	596 (36.1%)	8 (5.0%)	604 (33.3%)	0.000
	ARVP	359 (21.7%)	11 (7.0%)	370 (20.4%)	
	*ART or Triple Regimen	191 (11.6%)	75 (47.5%)	266 (14.7%)	
	None	217 (13.1%)	14 (8.9%)	231 (12.8%)	
	Missing	288 (17.4%)	50 (31.6%)	338 (18.7%)	
	<b>Total</b>	1,651 (100.0%)	158 (100.0%)	1,809 (100.0%)	
<b>Type of Maternal ARVP</b>	AZT + 3TC and sdNVP	178 (49.6%)	2 (18.2%)	180 (48.7%)	0.154
	AZT and sdNVP in labour	35 (9.7%)	3 (27.3%)	38 (10.3%)	
	Triple regimen	116 (32.3%)	4 (36.3%)	120 (32.4%)	
	sdNVP	22 (6.1%)	2 (18.2%)	24 (6.5%)	
	Unknown	3 (0.8%)	0 (0.0%)	3 (0.8%)	
	Missing	5 (1.4%)	0 (0.0%)	5 (1.4%)	

Variable	HEIs with HIV DNA PCR Test Result	HEIs without HIV DNA PCR Test Result	Total	P-value
	n (%)	n (%)	n (%)	
Total	359 (100.0%)	11 (100.0%)	370 (100.0%)	
<b>Infant ARVs</b>				<b>0.000</b>
sdNVP at birth	35 (2.1%)	1 (0.6%)	36 (2.0%)	
sdNVP at birth and AZT for 4 weeks	384 (23.3%)	3 (1.9%)	387 (21.4%)	
NVP for 6 weeks	667 (40.4%)	93 (58.9%)	760 (42.0%)	
Unknown	3 (0.2%)	0 (0.0%)	3 (0.2%)	
None	270 (16.4%)	19 (12.0%)	289 (16.0%)	
Missing (ARV Type)	9 (0.5%)	0 (0.0%)	9 (0.5%)	
Missing (Prophylaxis use)	283 (17.1%)	42 (26.6%)	325 (18.0%)	
<b>Total</b>	1,651 (100.0%)	158 (100.0%)	1,809 (100.0%)	