

Table 1. Descriptive statistics of the study sample (N=4074)

	Overall n (wt. %)
Mother's age	
15-24	1276(29.2)
25-34	2031(50.8)
35-49	767(19.9)
Marital status	
Never married	32(0.7)
Married/Living together	4099(95.2)
Div/sep/widowed	165(3.9)
Education	
No education	2413(60.4)
Primary	1137(30.6)
Secondary or above	524(8.8)
Parity	
One child	878(20.3)
2-4 children	1762(42.2)
More than 2-4 children	1414(37.3)
Respondent currently working	
Not working	3044(75.1)
Working	1030(24.8)
Wealth Index Combined	
Poor	2113(45.3)
Middle	566(20.6)
Rich	1395(33.9)
Health insurance	
No	3937(96.2)
Yes	137(3.7)
Type of residence	
Rural	3245(88.0)

Urban	829(11.9)
Number of antenatal visits during pregnancy	
None	1327(35.1)
1-3 visits	1239(34.1)
Received recommended antenatal care	1508(33.3)
Place of delivery	
Public Facility	1527(34.6)
Private Facility	106(1.1)
Home	2346(61.9)
Other	95(2.2)
Delivery by caesarean section	
Delivery is not by C section	3929(97.2)
Delivery is by C section	145(2.7)
Skilled provider during delivery	
Skilled Provider	979(19.6)
Unskilled Provider	2681(65.5)
No one	414(14.8)
Sex of the child	
Female	2040(51.4)
Male	2034(48.5)
Nutritional counseling during antenatal care	
No antenatal care and no nutritional counseling;	
Did not receive nutritional counseling	2246(56.6)
Received nutritional counseling	1828(43.3)
Start breastfeeding within 1 hr	
No	1192(26.6)
Yes	2882(73.3)

Abbreviations: Wt.% : Weighted percent

Table 2. Characteristics of the study sample by timely initiation of breastfeeding (N=4074)

	Recommended Timely Initiation of Breastfeeding		p
	No n (Wt. %)	Yes n (Wt.%)	
Mother's age			0.038
15-24	397(27.9)	879(72)	
24-34	569(24.3)	1462(75.6)	
35-49	226(30.6)	541(69.3)	
Marital status			0.138
Never married	10(43.4)	22 (56.5)	
Married/Living together	1130(26.2)	2747(73.7)	
Div/sep/widowed	52(33.3)	113(66.6)	
Education			0.525
No education	742(26.5)	1671(73.4)	
Primary	306(25.8)	831(74.1)	
Secondary or above	144(30.1)	380(69.8)	
Parity			0.015
One child	295(32.4)	583(67.5)	
2-4 children	498(25.2)	1284(74.7)	
More than 2-4 children	399(25.1)	1015(74.8)	
Respondent currently working			0.905
Not working	910(26.7)	2134(73.2)	
Working	282(26.4)	748(73.5)	
Wealth Index Combined			0.4
Poor	689(25.2)	1424(74.7)	
Middle	146(26.5)	420(73.4)	
Rich	357(28.5)	1038(71.4)	
Health insurance			0.303
No	1150(26.4)	2787(73.5)	
Yes	42(31.5)	95(68.4)	

Type of residence			0.75
Rural	984(26.5)	2261(73.4)	
Urban	208(27.5)	621(72.4)	
Number of antenatal visits during pregnancy			0.619
None	420(25.2)	907(74.7)	
1-3 visits	353(27.3)	886(72.6)	
Received recommended antenatal care	419(27.4)	1089(72.5)	
Place of delivery			0.217
Public Facility	380(25.9)	1147(74.0)	
Private Facility	36(37.1)	70(62.8)	
Home	744(26.4)	1602(73.5)	
Other	32(37.8)	63(62.1)	
Delivery by caesarean section			<0.0001
Delivery is not by C section	1109(25.6)	2820(74.3)	
Delivery is by C section	83(62.6)	62(37.3)	
Skilled provider during delivery			0.846
Skilled Provider	251(26.7)	728(73.2)	
Unskilled Provider	830(26.9)	1851(73.0)	
No one	111(25.1)	303(74.8)	
Sex of the child			0.078
Female	557(24.7)	1483(75.2)	
Male	635(28.6)	1399(71.3)	
Nutritional counseling during antenatal care			0.419
No antenatal care and no nutritional counseling;	681(25.9)	1585(74.0)	
Did not receive nutritional counseling	511(27.6)	1317(72.3)	
Received nutritional counseling			

Abbreviations: Wt.% : Weighted percent

P -values are derived from Rao-Scott- Chi square test

Table 3. Association between maternal characteristics and timely initiation of breastfeeding (N=4074)

	Unadjusted OR (95% CI)	p	Adjusted OR (95% CI)	p
Mother's age				
15-24	Reference		Reference	
24-34	1.209(0.96,1.51)	0.102	0.972(0.70,1.33)	0.861
35-49	0.877(0.66,1.16)	0.36	0.651(0.42,0.90)	0.012
Marital status				
Never married	Reference		Reference	
Married/Living together	2.163(0.87,5.33)	0.093	1.469(0.54,3.94)	0.445
Div/sep/widowed	1.538(0.53,4.44)	0.426	1.096(0.34,3.5)	0.877
Education				
No education	Reference		Reference	
Primary	1.036(0.82,1.30)	0.763	1.195(0.92,1.54)	0.174
Secondary or above	0.838(0.59,1.17)	0.308	1.085(0.73,1.60)	0.684
Parity				
One child	Reference		Reference	
2-4 children	1.427(1.09,1.86)	0.009	1.52(1.09,2.11)	0.012
More than 2-4 children	1.435(1.09,1.91)	0.014	1.876(1.27,2.75)	0.001
Respondent currently working				
Not working	Reference		Reference	
Working	1.016(0.78,1.31)	0.905	1.023(0.77,1.34)	0.867
Wealth Index Combined				
Poor	Reference		Reference	
Middle	0.934(0.7,1.24)	0.636	0.931(0.69,1.25)	0.633
Rich	0.845(0.65,1.09)	0.199	0.802(0.58,1.09)	0.161
Type of residence				
Rural	Reference		Reference	
Urban	0.947(0.67,1.32)	0.751	1.369(0.86,2.17)	0.181
Number of antenatal visits during pregnancy				

None	Reference	Reference		
1-3 visits	0.895(0.68,1.16)	0.414	0.845(0.62,1.13)	0.266
Received recommended antenatal care	0.893(0.68,1.16)	0.397	0.895(0.64,1.25)	0.514
Place of delivery				
Public Facility	Reference	Reference		
Private Facility	0.591(0.30,1.16)	0.127	0.694(0.30,1.60)	0.392
Home	0.972(0.76,1.23)	0.815	0.828(0.59,1.15)	0.26
Other	0.574(0.30,1.07)	0.08	0.561(0.28,1.08)	0.086
Delivery by caesarean section				
Delivery is not by C section	Reference	Reference		
		<0.00		<0.00
Delivery is by C section	0.205(0.11,0.36)	01	0.161(0.86,0.29)	01
Skilled provider during delivery				
Skilled Provider	Reference	Reference		
Unskilled Provider	0.99(0.76,1.26)	0.94	0.795(0.57,1.09)	0.154
No one	1.088(0.73,1.61)	0.677	0.862(0.53,1.38)	0.538
Sex of the child				
Female	Reference	Reference		
Male	0.816(0.65,1.02)	0.079	0.823(0.65,1.03)	0.095
Nutritional counseling during antenatal care				
Did not receive nutritional counseling	Reference	Reference		
Received nutritional counseling	0.916(0.73,1.13)	0.419	1.005(0.76,1.31)	0.972

Abbreviations: Wt.% : Weighted percent; OR: Odds Ratio; CI: Confidence Interval