

**Table 3: Factors associated with quality of antenatal care services in Nepal**

<b>Study variables</b>	<b>Total number of women</b>	<b>Number of women who had good quality ANC (%)</b>	<b>Unadjusted Odds Ratio (95% CI)</b>	<b>P</b>	<b>Adjusted Odds Ratio (95% CI)</b>	<b>P</b>
<b>Women's age at birth of child</b> (Mean, SD)	24.7	24.2 (4.86)				0.041
With each ten years increase in women's age	Linear		0.82 (0.67 to 1.00)	0.045	1.46 (1.08 to 1.97)	0.013
	Quadratic		0.72 (0.58 to 0.90)	0.004		
<b>Women's education</b>				<0.001		0.057
No education	1372	179 (13.1)	1 (Referent category)		1 (Referent category)	
Primary education	714	138 (19.3)	1.60 (1.16 to 2.20)		1.16 (0.81 to 1.68)	
Secondary education	1172	415 (35.4)	3.65 (2.64 to 5.05)		1.58 (1.09 to 2.28)	
Tertiary education	262	121 (46.2)	5.72 (3.79 to 8.62)		1.53 (0.97 to 2.41)	

<b>Wealth quintile to which the women's household belonged</b>				<0.001		0.001
Poorest	657	55 (8.3)	1 (Referent category)		1 (Referent category)	
Poorer	733	98 (13.3)	1.69 (1.11 to 2.57)		1.40 (0.90 to 2.19)	
Middle	792	169 (21.3)	2.98 (1.95 to 4.56)		1.90 (1.18 to 3.06)	
Richer	701	256 (36.6)	6.34 (4.12 to 9.73)		2.86 (1.74 to 4.71)	
Richest	637	276 (43.3)	8.40 (5.44 to 12.98)		2.88 (1.70 to 4.89)	
<b>Whether women participated in at least one of the three decisions regarding their own health care, major household purchases and visit to their family or relatives</b>				0.043	-	-
No	2059	467 (22.7)	1 (Referent category)			
Yes	1461	386 (26.4)	1.22 (1.01 to 1.49)			
<b>Whether women were exposed to any of the three general media (radio, television or newspaper/magazines) at least once a week</b>				0.329	-	-
Not exposed	1334	340 (14.6)	1 (Referent category)			
Exposed	2186	514 (9.7)	0.90 (0.72 to 1.12)			
<b>Parity (Mean, SD)</b>	2.4	1.9 (2.00)		<0.001		<.001
With each unit increase in live birth			0.69 (0.63 to 0.75)		0.79 (0.70 to 0.88)	
<b>History of previous pregnancies</b>				0.016	-	-

No complications in previous pregnancies	2978	750 (25.2)	1 (Referent category)			
Complications in previous pregnancies	542	104 (19.2)	0.71 (0.53 to 0.94)			
<b>Use of modern family planning</b>				0.044		0.045
No	2337	595 (25.5)	1 (Referent category)		1 (Referent category)	
Yes	1183	258 (21.8)	0.82 (0.67 to 0.99)		0.79 (0.62 to 0.99)	
<b>Ecological zones where women resided</b>				0.001	-	-
Terai	1956	551 (28.2)	1 (Referent category)			
Hill	1328	262 (19.7)	0.63 (0.45 to 0.87)			
Mountain	237	41 (17.3)	0.53 (0.36 to 0.78)			
<b>Residence</b>				<0.001		0.013
Rural	3128	722 (23.1)	1 (Referent category)			
Urban	392	132 (33.7)	1.69 (1.29 to 2.20)		1.52 (1.09 to .2.12)	
<b>Place where women received antenatal care</b>				<0.001		0.005
Government Hospital	605	210 (34.7)	1 (Referent category)		1 (Referent category)	
Home	43	1 (2.8)	0.05 (0.01 to 0.39)		0.25 ( 0.03 to 2.08)	
Government PHC Centre	287	79 (27.6)	0.72 (0.46 to 1.11)		0.85 (0.52 to 1.37)	

Government Health Post	430	54 (12.6)	0.27 (0.18 to 0.41)		0.44 (0.28 to 0.68)	
Government Sub Health Post	877	88 (10.0)	0.21 (0.14 to 0.32)		0.67 (0.40 to 1.11)	
Government PHC Outreach	269	30 (11.1)	0.23 (0.11 to 0.48)		0.94 (0.50 to 1.77)	
Private Hospital/Clinic	860	322 (37.4)	1.12 (0.84 to 1.51)		0.85 (0.62 to 1.17)	
NGO	136	68 (49.8)	1.86 (1.15 to 3.01)		1.60 (1.02 to 2.52)	
Others	13	2 (12.7)	0.27 (0.07 to 1.03)		0.55 (0.10 to 3.07)	
<b>Health worker who provided the women with antenatal care</b>				<0.001		<0.001
Doctor	1115	462 (41.5)	1 (Referent category)		1 (Referent category)	
Female Community Health Volunteer	38	1 (1.5)	0.02 (0.00 to 0.10)		0.10 (0.01 to 0.62)	
Village Health Worker	56	1 (1.5)	0.02 (0.00 to 0.16)		0.04 (0.01 to 0.29)	
Maternal and Child Health Worker	534	25 (4.7)	0.07 (0.03 to 0.16)		0.16 (0.07 to 0.41)	
Health Assistant / Auxilliary Health Worker	475	35 (7.5)	0.11 (0.07 to 0.20)		0.25 (0.13 to 0.46)	
Nurse/Midwife	1301	329 (25.3)	0.48 (0.39 to 0.59)		0.74 (0.58 to 0.94)	