

Tables:

Table 1: Socio-demographic characteristics of the participants who sought abortion services in health institution of Debre Berhan town, from sep.12/2018-Feb.12/2019. (n=345)

Variables	Frequency	Percent (%)
Age		
15-20	49	14.2
21-25	78	22.6
26-30	147	42.6
31-35	41	11.9
36-40	30	8.7
Place of residence		
Urban	308	89.3
Rural	37	10.7
Educational status		
College diploma & above	185	53.6
Elementary	50	14.5
Secondary	110	31.9
Religion		
Muslim	25	7.2
Orthodox	295	85.5
Protestant	25	7.2
Ethnicity		
Amhara	265	76.8

Oromo	59	17.1
Tigre	21	6.1
Marital status		
Divorced	27	7.8
Married	54	15.7
Single	264	76.5
Occupation		
Daily laborer		
Farmer	25	7.2
Gov. employee	25	7.2
House-made	46	13.3
Housewife	25	7.2
Merchant	33	9.6
Private employee	25	7.2
Sex worker	36	10.4
Student	25	7.2
	105	30.4
Own income		
No		47.5
Yes	164	52.5
	181	

Table 2: Reproductive health characteristics of reproductive age women who sought abortion services in Debre Berhan town health institution, from sep.12/2018-Feb.12/2019. (n=345)

Variables	Frequency	Percent (%)
Last pregnancy wanted		
No	339	98.3
Yes	6	1.7
Had repeat induced abortion		
No	275	79.7
Yes	70	20.3
Method used		
Medication	141	40.9
MVA	204	59.1
Place of service		
Hospital	82	23.8
Private clinic	188	54.5
Public health centers	75	21.7
Help to get the service		
Boyfriend		
Friend	30	8.7
Husband	224	64.9
Nobody	40	11.6
Sister	26	7.5
	25	7.2

Age of first sexual intercourse

<18	85	24.6
>=18	260	75.4

Number of sexual partner

One	249	72.2
Two and above	96	27.8

Children for the future

No	50	14.5
Yes	295	85.5

Procedure was painful

No	51	14.8
Yes	294	85.2

Ever use family planning

No	291	84.3
Yes	54	15.7

Ever use emergency contraceptive

No	320	92.8
Yes	25	7.2

Plan to use family planning

No	26	7.5
Yes	319	92.5

Table 3: Both bivariate and multivariate analysis of factors

Variables	Repeat induced abortion		COR (95% CI)	AOR (95% CI)
	yes	no		
Age				
15-20	3	46	1	
21-25	15	63	3.65(0.99,13.35)	
26-30	26	121	3.29(0.95,11.41)	
31-35	19	22	13.2(3.54,49.54)***	
36-40	7	23	4.66(1.10,19.73)*	
Place of residence				
Urban	68	240	4.95(1.16,21.14)*	
Rural	2	35	1	
Marital status				
Divorced	12	15	3.34(1.47,7.57)**	
Married	7	47	0.62(0.26,1.45)	
Single	51	213	1	
Own income				
No	48	116	2.99(1.71,5.22)***	
Yes	22	159	1	
Number of sexual partner				
One	29	220	1	1
Two and above	41	55	5.65(3.23,9.89)***	7.27(3.21,16.46)***

Age of first sexual intercourse				
>=18	32	228	1	1
<18	38	47	5.76(3.27,10.14)***	5.96(2.54,13.95)***
Occupation				
Daily laborer	1	24	0.18(0.02,1.48)	
Farmer	12	13	4.17(1.65, 10.57)	
Gov. employee	11	35	1.42(0.61,3.29)	
House-made	4	21	0.86(0.265,2.80)	
Housewife	2	31	0.29(0.06,1.32)	
Merchant	8	17	2.13(0.80,5.65)	
Private employee	3	33	0.41(0.11,1.48)	
Sex worker	10	15	3.01(1.17,7.73)*	
Student	19	86	1	
Ever use family planning				
No	66	225	3.66(1.27,10.52)*	
Yes	4	50	1	
Procedure was painful				
No	19	32	2.82(1.48,5.38)**	7.72(2.90,20.58)***
Yes	51	243	1	1

*P-value < 0.05, **P-value <0.01 and ***p-value<0.001