

TABLE 1. Number of eligible health facilities, and number and percentage of selected and responding facilities, by facility type, Ethiopian Prospective Morbidity Survey, 2008 and 2014

Facility	2008					2014						
	No. of eligible facilities	Total selected facilities		Responding facilities		No. of eligible facilities	Total selected facilities		Responding facilities		Responding facilities that provide abortion care	
		No.	%	No.	%		No.	%	No.	%	No.	%
Public hospitals	94	94	100	90	96	120	120	100	107	88	105	98
Public health centers	597	177	30	158	89	2,597	388	15	310	80	188	61
NGO reproductive health clinics†	24	24	100	24	100	74	74	100	74	100	74	100
Private hospitals	39	39	100	39	100	64	64	100	46	72	42	91
High-level private clinics‡	144	59	41	33	56	282	83	29	57	69	30	53
Total	898	393	44	344	88	3,137	729	23	594	82	439	74

†In 2008, NGO reproductive health clinics used data collected prospectively; in 2014 they used their own retrospective service statistics. ‡High-level private clinics offer medical outpatient services, STI treatment, HIV counseling and testing, and inpatient services; clinics with trained practitioners are allowed to provide abortion care in accordance with Ministry of Health guidance. *Notes:* NGO=nongovernmental organization. In this and subsequent tables, abortion care includes legal abortion procedures and postabortion care related to complications of unsafe or spontaneous abortions.

TABLE 2. National estimates of abortion care provided by health facilities in Ethiopia, by survey year

Measure	2008†		2014	
	No. of women/rate	%‡	No. of women/rate	%‡
Type of facility*				
Public hospital	1,582 per month	13.6	3,610 per month	16.2
Public health center	690 per month	22.3	1,248 per month	39.5
Private hospital	525 per month	4.5	478 per month	2.7
Private high-level clinic	295 per month	9.5	268 per month	5.5
NGO health facilities	5,816 per month	50.0	8,730 per month	36.1
Type of abortion care				
Legal abortion	158,387 per year (92,571–224,277)	73.2	220,286 per year (189,755–250,818)	63.8
PAC with low/moderate abortion morbidity§	42,091 per year (36,809–47,392)	19.5	86,731 per year (77,291–96,121)	25.1
PAC with severe abortion morbidity§	15,822 per year (13,227–18,424)	7.3	38,135 per year (31,795–44,455)	11.1
Rate of facility-based legal abortion††	9.2 (5.4–13.1)	na	10.0 (8.6–11.4)	na
Rate of facility-based treatment for PAC††	3.4 (2.9–3.8)	na	5.7 (4.9–6.4)	na

*Significantly different by survey year at $p \leq .05$. †The results for 2008 differ from those published in Gebreselassie et al. (reference 8) because they include legal abortion data not included in the earlier analysis; results also differ from those published in Moore et al. (reference 22) because of differences in the size and composition of the facility samples. ‡Facility type frequencies are unweighted; all percentages and annual numbers of cases are weighted and presented as a proportion of nonmissing responses. §Morbidity was defined as low if the woman had no clinical signs of infection, organ failure or suspicious findings during uterine evacuation; moderate if she had early signs of peritonitis or sepsis, including an elevated temperature or offensive products of conception upon evacuation; and severe or “near-miss” if she had one or more signs of unsafe abortion morbidity, including generalized peritonitis, tetanus, a pulse rate >119 beats per minute, organ failure, temperature $>37.9^\circ\text{C}$, evidence of a foreign body or injury to the cervix or uterine area, shock or death. ††Rates per 1,000 women aged 15–49 based on population estimates from adjusted 2007 Ethiopian Census data (source: reference 24). Notes: NGO=nongovernmental organization. PAC=postabortion care. na=not applicable. Frequencies are unweighted counts of all individuals, and percentages are weighted to account for the complex sampling and study design. Figures in parentheses are confidence intervals. Percentage distributions may not add to 100.0% because of rounding.

TABLE 3. Number and percentage distribution of women presenting for abortion care in public- and private-sector health facilities, by selected characteristics, according to survey year

Characteristic	2008†		2014	
	N‡	%‡	N‡	%‡
Marital status				
Single	883	31.7	1,581	31.6
Married	1,966	58.0	3,295	56.6
Cohabiting	107	4.4	272	5.1
Separated/widowed/divorced	133	4.9	358	6.7
Age*				
≥17	182	6.8	344	6.6
18–24	1,350	46.6	2,394	45.6
25–29	734	22.4	1,413	25.0
30–34	400	12.1	718	13.6
≥35	426	12.1	556	9.2
Rural residence				
Yes	1,150	39.5	na	na
No/no response	1,942	60.5	na	na
Education*				
None	1,002	33.7	1,558	30.9
Primary	855	27.3	1,763	32.2
Secondary	968	31.8	1,853	32.2
Postsecondary	257	7.2	347	4.7
Reported a previous abortion				
Yes	245	13.1	602	11.6
No/no response	284	86.9	5,002	88.4
No. of pregnancies				
1	1,200	41.1	2,377	43.6
2	530	16.0	1,045	16.9
3	389	12.6	752	12.9
≥4	972	29.3	1,418	26.7
Pregnancy was result of contraceptive failure**				
Yes	714	23.2	1,570	30.4
No/no response	2,378	76.8	4,034	69.6
Tried to interrupt the pregnancy**				
Yes	337	10.5	765	14.9
No/no response	2,755	89.5	4,839	85.1
Total	na	100.0	na	100.0

* $p < .05$. ** $p < .01$. †Results differ from those published in Gebreselassie et al. (reference 8) because NGO facilities were excluded from the sample in 2014 and were subsequently removed from this analysis to improve comparability between the two waves. ‡Sizes of subgroups (counts) are unweighted, whereas percentages were calculated with weights for national representation; percentages are proportions of nonmissing responses, except where explicitly noted. Notes: na=not applicable. Percentage distributions may not add to 100.0% because of rounding.

TABLE 4. Number and percentage distribution of women presenting for abortion care in public- and private-sector health facilities, by measures of clinical management and treatment, according to survey year

Measures	2008†		2014	
	No.‡	%‡	No.‡	%‡
Method of evacuation***				
MVA/EVA	1,643	72.9	2,774	52.7
Medical methods for induced abortion	1	0.0	1,712	35.6
Medical methods for PAC	18	0.4	228	5.4
Sharp curettage	870	23.2	262	3.7
Other methods§	130	3.5	36	1.7
Provider type††,***				
Physician	1,645	51.6	1,386	17.5
Midlevel provider	1,010	48.4	3,540	82.5
Woman received a contraceptive method				
Yes	na	na	4,123	76.7
No/no response	na	na	1,481	23.3
Woman received medication for pain				
Yes	2,010	70.9	4,231	70.5
No/no response	1,082	29.1	1,373	29.5
Best estimate of trimester of the pregnancy for women seeking legal terminations				
First trimester	1,049	89.3	2,244	91.6
Second trimester	173	10.7	404	8.4
Best estimate of trimester of the pregnancy for women with complications				
First trimester	1,144	65.9	1,843	70.5
Second trimester	719	34.1	932	29.6
Total	na	100.0	na	100.0

*** $p < .001$. †Results differ from those published in Gebreselassie et al. (reference 8) because NGO facilities were excluded from the sample in 2014 and were subsequently removed from this analysis to improve comparability between the two waves. ‡Sizes of subgroups (counts) are unweighted, whereas percentages were calculated with weights for national representation; percentages are proportions of nonmissing responses, except where explicitly noted. §For both years, the “other” category refers primarily to uterotonics and manual removal of products. ††Physicians include specialists, general practitioners, residents and interns; midlevel providers include nurses, midwives, health officers and integrated emergency surgical officers. Notes: MVA/EVA=manual or electric vacuum aspiration. PAC=postabortion care. na=not applicable. Percentage distributions may not add to 100.0% because of rounding.

TABLE 5. Percentage of women presenting for postabortion care at public- and private-sector health facilities with symptoms of severe abortion complications, by survey year

Complication	2008 (N=3,092)	2014 (N=5,604)
Required hospitalization for >24 hours	23.1	19.1
Death	0.3	0.2
Evidence of mechanical injury/foreign body/ uterine perforation	6.7	6.7
Organ/system failure	2.1	8.9***
Generalized peritonitis	0.2	1.0**
Tetanus	0.2	0.0*
Shock	4.1	7.5**
Sepsis	16.1	7.8***
Temperature >37.9° C	10.4	11.8
Pulse rate >119 beats/min.	2.6	5.3***

*Significantly different from 2008 at $p < .05$. **Significantly different from 2008 at $p < .01$.

***Significantly different from 2008 at $p < .001$. Notes: Frequencies are unweighted counts of all individuals, and percentages are weighted to account for the complex sampling and study design.