

Percentage distribution of public and private facilities offering abortion-related services, according to urban or rural location, Tamil Nadu, 2015

Facilities	Offering induced abortion			Offering postabortion care			Offering any abortion-related services		
	Total	Urban	Rural	Total	Urban	Rural	Total	Urban	Rural
All	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Public	13.0	10.1	73.9	13.5	11.2	74.5	14.2	10.8	79.1
Private	87.0	89.9	26.1	86.5	88.8	25.5	85.8	89.2	20.9
No. (weighted)	2,883	2,754	130	2,648	2,551	98	3,235	3,074	162
Public	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Hospitals	55.6	69.9	14.2	51.6	64.1	2.7	47.9	62.3	10.7
CHCs	25.2	17.7	46.7	20.1	12.6	49.3	24.4	17.6	42.0
PHCs	13.3	4.4	39.0	17.5	9.7	48.0	19.2	8.3	47.3
Urban public	5.9	8.0	0.0	10.9	13.7	0.0	8.5	11.7	0.0
No. (weighted)	374	278	96	357	284	73	459	331	128
Private	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Hospitals	38.0	37.9	47.1	40.4	40.1	64.1	38.3	38.1	47.1
Nursing and maternity homes	53.5	53.5	52.9	54.1	54.3	35.9	53.3	53.3	52.9
Clinics	8.5	8.6	0.0	5.5	5.6	0.0	8.4	8.5	0.0
No. (weighted)	2,510	2,476	34	2,291	2,266	25	2,776	2,743	34

Notes: Postabortion care refers to care for complications resulting from either induced abortion or miscarriage. CHC=community health centre. PHC=primary health centre. Proportions presented in the text, figures and tables may differ slightly because of rounding. *Source:* Health Facilities Survey.

Among facilities providing induced abortion, percentage distribution by method offered and facility type, Tamil Nadu, 2015

Facilities	Weighted no. offering abortion	% distribution of facilities by method category			
		Only MMA	Only surgical abortion	Both MMA and surgical abortion	Total
All	2,883	14.9	6.3	78.9	100.0
Public	374	4.9	17.1	78.1	100.0
Hospitals	208	5.2	4.9	89.9	100.0
CHCs	94	0.0	33.3	66.7	100.0
PHCs	50	14.9	33.5	51.6	100.0
Urban public	22	0.0	25.3	74.7	100.0
Private	2,510	16.3	4.7	79.0	100.0
Hospitals	954	6.4	3.4	90.2	100.0
Nursing and maternity homes	1,342	15.4	5.9	78.7	100.0
Clinics	213	67.0	2.7	30.3	100.0

Notes: MMA=medical methods of abortion. Surgical abortion=dilatation and curettage, dilatation and evacuation, and vacuum aspiration. CHC=community health centre. PHC=primary health centre. Proportions presented in the text, figures and tables may differ slightly because of rounding. *Source:* Health Facilities Survey.

Number of facilities providing postabortion care and proportion offering these services 24 hours a day, seven days a week, by facility type and location, Tamil Nadu, 2015

Facilities	Weighted no. of facilities offering PAC services	% of facilities offering PAC that offer it 24-7
ALL	2,648	76.0
OWNERSHIP		
Public	357	72.8
Hospitals	184	69.4
CHCs	72	87.5
PHCs	62	75.9
Urban public	39	56.9
Private	2,291	76.5
Hospitals	925	83.5
Nursing and maternity homes	1,240	73.9
Clinics	126	51.1
LOCATION		
Urban	2,551	75.9
Public	284	72.7
Private	2,266	76.3
Rural	98	80.0
Public	73	73.1
Private	25	100.0

Notes: PAC=postabortion care; refers to care for complications resulting from either induced abortion or miscarriage. CHC=community health centre. PHC=primary health centre. Proportions presented in the text, figures and tables may differ slightly because of rounding. *Source:* Health Facilities Survey.

Weighted total number of facility-based abortions, average annual number of abortions provided by facilities and percentage distribution of abortions, by facility type, Tamil Nadu, 2015

Facilities	Annual no. of facility-based abortions	No. of facilities offering abortion	Average annual no. of abortion cases per facility	% distribution of abortions by facility type	
				Within ownership categories	Overall
All	225,000	2,883	80	100.0	100.0
Public	38,400	374	100	100.0	17.1
Hospitals	30,500	208	150	79.5	13.6
CHCs	3,300	94	30	8.5	1.5
PHCs	1,600	50	30	4.3	0.7
Urban public	3,000	22	130	7.8	1.3
Private	186,600	2,510	70	100.0	82.9
Hospitals	76,100	954	80	40.8	33.8
Nursing and maternity homes	100,500	1,342	70	53.9	44.7
Clinics	10,000	213	50	5.3	4.4
Private registered	147,900	1,857	80	100.0	65.7
Hospitals	66,200	733	90	44.8	29.4
Nursing and maternity homes	75,800	1,028	70	51.3	33.7
Clinics	5,800	95	60	3.9	2.6
Private unregistered	38,700	653	60	100.0	17.2
Hospitals	9,900	221	40	25.6	4.4
Nursing and maternity homes	24,600	313	80	63.7	10.9
Clinics	4,100	118	30	10.7	1.8

Notes: CHC=community health centre. PHC=primary health centre. Total excludes a small number of abortions provided by NGOs not included in the HFS. Numbers may not add to totals because of rounding. Proportions presented in the text, figures and tables may differ slightly because of rounding. *Source:* Health Facilities Survey.

Percentage distribution of facility-based abortions by gestational duration and by trimester, according to facility type, Tamil Nadu, 2015

Facilities	Annual no. of facility-based abortions	% distribution by gestational duration					% distribution by trimester		
		<8 weeks	8–12 weeks	13–20 weeks	>20 weeks	Total	First	Second	Total
All	225,000	44.9	47.2	7.1	0.7	100.0	92.2	7.8	100.0
Public	38,400	32.2	50.4	13.8	3.7	100.0	82.5	17.5	100.0
Hospitals	30,500	28.9	49.2	17.4	4.6	100.0	78.0	22.0	100.0
CHCs	3,300	33.7	66.3	0.0	0.0	100.0	100.0	0.0	100.0
PHCs	1,600	61.7	38.3	0.0	0.0	100.0	100.0	0.0	100.0
Urban public	3,000	48.1	51.9	0.0	0.0	100.0	100.0	0.0	100.0
Private	186,600	47.6	46.6	5.7	0.1	100.0	94.2	5.8	100.0
Hospitals	76,100	37.3	50.8	11.7	0.3	100.0	88.1	11.9	100.0
Nursing and maternity homes	100,500	53.1	45.1	1.8	0.0	100.0	98.2	1.8	100.0
Clinics	10,000	69.7	30.3	0.0	0.0	100.0	100.0	0.0	100.0
Private registered	147,900	43.9	49.3	6.7	0.1	100.0	93.1	6.9	100.0
Hospitals	66,200	34.9	52.5	12.3	0.3	100.0	87.5	12.5	100.0
Nursing and maternity homes	75,800	50.8	46.7	2.4	0.0	100.0	97.6	2.4	100.0
Clinics	5,800	55.1	44.9	0.0	0.0	100.0	100.0	0.0	100.0
Private unregistered	38,700	61.6	36.4	2.0	0.0	100.0	98.0	2.0	100.0
Hospitals	9,900	53.2	39.1	7.7	0.0	100.0	92.3	7.7	100.0
Nursing and maternity homes	24,600	60.2	39.8	0.0	0.0	100.0	100.0	0.0	100.0
Clinics	4,100	90.3	9.7	0.0	0.0	100.0	100.0	0.0	100.0

Notes: CHC=community health centre. PHC=primary health centre. Total excludes a small number of abortions provided by NGOs not included in the HFS. Numbers may not add to totals because of rounding. Proportions presented in the text, figures and tables may differ slightly because of rounding. *Source:* Health Facilities Survey.

Percentage distribution of facility-based abortions by method, according to facility type, Tamil Nadu, 2015

Facilities	Annual no. of facility-based abortions	% distribution of abortions by method						Total
		MMA	Surgical				Other	
			All	MVA	EVA	D&C or D&E		
All	225,000	44.2	55.8	14.6	5.4	35.8	0.0	100.0
Public	38,400	26.5	73.5	36.6	3.0	33.8	0.0	100.0
Hospitals	30,500	25.7	74.3	33.4	3.8	37.0	0.0	100.0
CHCs	3,300	18.1	81.9	59.3	0.0	22.6	0.0	100.0
PHCs	1,600	14.9	85.1	75.8	0.0	9.4	0.0	100.0
Urban public	3,000	50.6	49.4	22.9	0.0	26.5	0.0	100.0
Private	186,600	47.8	52.2	10.1	5.8	36.2	0.0	100.0
Hospitals	76,100	32.3	67.7	14.4	9.3	44.0	0.0	100.0
Nursing and maternity homes	100,500	56.6	43.4	7.1	3.8	32.5	0.0	100.0
Clinics	10,000	77.9	22.1	7.8	0.0	14.3	0.0	100.0
Private registered	147,900	44.6	55.4	11.1	6.9	37.3	0.0	100.0
Hospitals	66,200	31.5	68.5	15.9	10.7	42.0	0.0	100.0
Nursing and maternity homes	75,800	54.8	45.2	6.8	4.1	34.3	0.0	100.0
Clinics	5,800	62.1	37.9	13.3	0.0	24.5	0.0	100.0
Private unregistered	38,700	60.2	39.8	6.2	1.8	31.8	0.0	100.0
Hospitals	9,900	38.1	61.9	4.7	0.0	57.3	0.0	100.0
Nursing and maternity homes	24,600	62.4	37.6	7.9	2.8	27.0	0.0	100.0
Clinics	4,100	100.0	0.0	0.0	0.0	0.0	0.0	100.0

Notes: MMA=medical methods of abortion. MVA>manual vacuum aspiration. EVA=electric vacuum aspiration. D&C=dilatation and curettage. D&E=dilatation and evacuation. CHC=community health centre. PHC=primary health centre. Total excludes a small number of abortions provided by NGOs not included in the HFS. Numbers may not add to totals because of rounding. Proportions presented in the text, figures and tables may differ slightly because of rounding. Source: Health Facilities Survey.

Weighted total number of treated cases of complications related to induced abortion or miscarriage, and proportion of cases by complication diagnosis, Tamil Nadu, 2015

Facilities	Annual no. of complication cases	% of cases, by type of complication						
		Incomplete abortion from MMA	Incomplete abortion from any other method	Prolonged or abnormal bleeding	Infection of the uterus/ surrounding areas	Injury/ perforation/ laceration	Sepsis	Shock
All	183,300	33.3	23.4	27.5	12.3	6.2	7.0	3.3
Public	26,500	36.5	22.8	27.1	8.9	5.2	7.6	2.4
Private	156,800	32.8	23.5	27.5	12.9	6.4	6.9	3.4

Notes: More than one type of complication may have been reported per case. Proportions presented in the text, figures and tables may differ slightly because of rounding. *Source:* Health Facilities Survey.

Profile of married women aged 15–49* and of those who had an abortion in the three years preceding the survey, Tamil Nadu, 2015–2016

Characteristic	All women 15–49			Women 15–49 who had an abortion		
	% distribution	Weighted no.	Unweighted no.	% distribution	Weighted no.	Unweighted no.
Residence						
Urban	50.9	14,665	12,806	46.4	90	99
Rural	49.1	14,155	16,014	53.6	133	115
Caste/tribe						
Scheduled caste	28.7	8,282	8,512	29.7	63	63
Scheduled tribe	1.8	509	522	2.3	5	5
Other Backward Class	67.6	19,467	19,266	65.8	150	141
Other/none	2.0	563	520	2.2	5	5
Age-group						
<20	13.5	3,898	3,979	2.2	7	5
20–24	15.4	4,451	4,409	30.7	69	66
25–29	16.6	4,770	4,708	40.3	83	86
30–34	14.3	4,127	4,130	19.0	46	41
≥35	40.2	11,574	11,594	7.8	18	17
Births						
0	28.6	8,241	8,238	17.2	39	37
1	17.5	5,028	4,930	36.1	77	77
2	36.2	10,437	10,320	35.4	82	76
≥3	17.7	5,113	5,332	11.4	25	24
Marital duration (in years)						
0–2	10.6	2,230	2,253	22.9	48	48
3–5	11.7	2,470	2,468	33.1	70	70
6–15	32.9	6,939	6,821	37.9	88	80
≥16	44.8	9,451	9,525	6.1	13	13
Education (in years)						
0	16.0	4,614	4,818	7.6	17	16
1–5	11.1	3,208	3,277	8.1	20	17
6–11	40.8	11,771	11,941	43.0	91	92
≥12	32.0	9,227	8,784	41.4	95	88
Total	100.0	28,820	28,820	100.0	223	214

*Fourteen unmarried women were included in the survey. They were excluded from the "marital duration" measure. *Note:* Proportions presented in the text, figures and tables may differ slightly because of rounding. *Source:* reference 29.

Calculations for the medium, low and high estimates from the sensitivity analysis of the total incidence and rate of induced abortion, Tamil Nadu, 2015

Data inputs	Medium	Low	High
Total for-profit MMA sales (after applying grouped rates)*	575,400	557,300	598,300
No. of combipacks and mifepristone pills sold in for-profit setting†	485,100	485,100	485,100
Grouped states MMA rate‡	26.6	25.8	27.7
Total nonprofit MMA sales§	30,800	30,800	30,800
Total adjusted sum of for-profit and nonprofit MMA sales	534,200	496,000	579,900
Adjustment to account for wastage**	60,620	58,810	62,910
Adjustment to exclude women who used MMA unsuccessfully outside a facility and then had a facility-based abortion††	11,400	15,700	5,200
TOTAL NONFACILITY MMA	442,900	404,600	488,500
Adjustment to exclude MMA in private and NGO facilities (from HFS and NGO service statistics) from adjusted total sales	90,700	90,700	90,700
Adjustment to exclude MMA given by prescription in public facilities from adjusted total sales	700	700	700
TOTAL FACILITY-BASED ABORTIONS (MMA AND SURGICAL)	228,600	196,000	261,100
TOTAL NONFACILITY ABORTIONS USING METHODS OTHER THAN MMA‡‡	36,500	18,600	56,400
TOTAL INDUCED ABORTIONS	707,900	619,300	806,000
Induced abortion rate (abortions per 1,000 women aged 15–49)	32.8	28.7	37.3

*For-profit MMA sales come from IMS Health. The estimated total count for each state was increased by 5% to account for incomplete coverage (applied to low, medium and high estimates) †Medium estimate assumes (based on expert opinion and literature) that 80% of women using MMA to induce abortion use one mifepristone pill, 10% use two and 10% use three; low estimate assumes ratio of 70%/15%/15%; high estimate assumes ratio of 90%/5%/5%. ‡Tamil Nadu was grouped with Andhra Pradesh, Karnataka, Kerala and Telangana, and we calculated a rate (for-profit MMA sales per 1,000 women aged 15–49) for the group of states. The group rate was then applied to population numbers of each state in the group to obtain the number of for-profit MMA sales in each state. §Data primarily from Marie Stopes International and DKT International. Count is comprehensive, with no range around the medium estimate. **On the basis of available literature sources, we estimate drug wastage to reduce the number of MMA packets by 10% (medium estimate), 13% (low) or 7% (high). ††On the basis of a study of abortion seekers in two states, we estimate the proportion of all facility-based abortion clients who attempted an MMA outside a facility before obtaining an abortion in a facility to be 5% (medium estimate), 8% (low) or 2% (high). ‡‡On the basis of community-based studies in two states and national data on the increase in MMA sales between 2009 and 2015, we estimate the proportion of abortions in this category to be 5% (medium estimate), 3% (low) or 7% (high). *Notes:* See Incidence Methodology and online methodology (“supplementary materials” at [https://www.thelancet.com/journals/langlo/article/PIIS2214-109X\(17\)30453-9](https://www.thelancet.com/journals/langlo/article/PIIS2214-109X(17)30453-9)) for sources and more details. Total facility-based abortions include a small number of abortions provided by NGOs not included in the HFS. Calculations based on a projected 2015 female population aged 15–49 of 21,603,122 from Census data. MMA=medical methods of abortion. Numbers may not add to totals because of rounding.