

Supplementary Table 1: Select characteristics of the pregnant women who participated in the exit interviews.

Background characteristics	All women				Women in Gaya district				Women in Supaul district			
	Total N=814	In 1 st trimester N =103 (%)	In 2 nd trimester N=405 (%)	In 3 rd trimester N=306 (%)	Total N=549	In 1 st trimester of pregnancy N=69 (%)	In 2 nd trimester of pregnancy N=273 (%)	In 3 rd trimester of pregnancy N=207 (%)	Total N=265	In 1 st trimester N=34 (%)	In 2 nd trimester N=132 (%)	In 3 rd trimester N=99 (%)
Maternal age												
15-19 years	118	13 (12.6)	68 (16.8)	37 (12.1)	74	9 (13.0)	43 (15.7)	22 (10.7)	44	4 (11.8)	25 (18.9)	15 (15.1)
20-24 years	488	69 (67.0)	242 (59.7)	176 (57.7)	332	46 (66.7)	159 (58.2)	126 (61.2)	156	23 (67.6)	83 (62.9)	50 (50.5)
25-29 years	174	18 (17.5)	83 (20.5)	73 (23.9)	119	13 (18.8)	62 (22.7)	44 (21.4)	55	5 (14.7)	21 (15.9)	29 (29.3)
30-40 years	34	3 (2.9)	12 (3.0)	19 (6.2)	24	1 (1.4)	9 (3.3)	14 (6.8)	10	2 (5.9)	3 (2.3)	5 (5.1)
Maternal caste*												
Scheduled caste/tribe	259	27 (26.7)	129 (32.3)	103 (34.3)	201	25 (36.2)	98 (35.9)	78 (37.7)	58	2 (6.3)	31 (24.4)	25 (26.9)
Other backward class	457	64 (63.4)	232 (58.0)	161 (53.7)	311	39 (56.5)	158(57.9)	114(55.1)	146	25 (78.1)	74 (58.3)	47 (50.5)
General	85	10 (9.9)	39 (9.7)	36 (12.0)	37	5 (7.3)	17 (6.2)	15 (7.3)	48	5 (15.6)	22 (17.3)	21 (22.6)
Number of ANC visit on the day of interview												
1 st visit	259	61 (59.2)	134(33.1)	64 (20.9)	189	44 (63.7)	101 (37.0)	44 (21.3)	70	17 (50.0)	33 (25.0)	20 (20.2)
2 nd or 3 rd visit	273	33 (32.0)	145(35.8)	95 (31.0)	177	19 (27.5)	90 (32.9)	68 (32.8)	96	14 (41.2)	55 (41.6)	27 (27.3)
4 th visit or more	282	9 (8.7)	126 31.1)	147 (48.0)	183	6 (8.7)	82 (30.0)	95 (45.9)	99	3 (8.8)	44 (33.3)	52 (52.5)

*Data not available for 13 pregnant women

Supplementary Table 2. Coverage of quality ANC services as reported in the exit interviews on the PMSMA day with maternal age and caste of women. CI denotes confidence interval.

Background	All women					Women in Gaya district					Women in Supaul district				
	Total N=814	In 1 st trimester with abdomen check-up N (%; (95% CI)	In 1 st trimester without abdomen check-up N (%; (95% CI)	In 2 nd trimester N (%; (95% CI)	In 3 rd trimester N (%; (95% CI)	Total N=549	In 1 st trimester with abdomen check-up N (%; (95% CI)	In 1 st trimester without abdomen check-up N (%; (95% CI)	In 2 nd trimester N (%; (95% CI)	In 3 rd trimester N (%; (95% CI)	Total N=265	In 1 st trimester with abdomen check-up N (%; (95% CI)	In 1 st trimester without abdomen check-up N (%; (95% CI)	In 2 nd trimester N (%; (95% CI)	In 3 rd trimester N (%; (95% CI)
Maternal age															
15-19 years	118	15.4 (3.6-47.1)	38.5 (16.1-67.0)	32.3 (22.2-44.4)	40.5 (25.9-57.1)	74	0	33.3 (10.1-69.1)	34.9 (22.1-50.3)	50.0 (29.7-70.3)	44	50.0 (8.7-91.3)	50.0 (8.7-91.3)	28.0 (13.7-48.9)	26.7 (9.9-54.7)
20-24 years	488	4.3 (1.4-12.9)	24.6 (15.7-36.3)	33.5 (27.8-39.7)	29.5 (23.2-36.7)	332	2.2 (0.3-14.6)	28.3 (16.9-43.3)	38.4 (31.1-46.2)	28.6 (21.3-37.1)	156	8.7 (2.0-30.7)	17.4 (6.3-39.8)	24.1 (16.0-34.6)	32.0 (20.4-46.3)
25-29 years	174	11.1 (2.6-36.6)	27.8 (11.6-53.0)	40.9 (30.8-51.9)	31.5 (21.8-43.1)	119	15.4 (3.6-47.3)	23.1 (7.1-54.1)	40.3 (28.8-53.0)	25.0 (14.3-40.0)	55	0	40.0 (7.7-84.2)	42.8 (23.5-64.7)	41.4 (24.8-60.2)
30-40 years	34	0	66.7 (9.3-97.5)	33.3 (12.4-63.7)	47.4 (26.2-69.5)	24	0	0	33.3 (10.2-68.6)	28.6 (10.7-57.3)	10	0	100.0	33.3 (2.5-90.7)	100.0
Maternal caste*															
Scheduled caste/tribe	259	3.7 (0.5-23.2)	22.2 (10.1-42.1)	34.1 (26.4-42.8)	32.0 (23.7-41.7)	201	4.0 (0.5-25.0)	24.0 (10.8-45.0)	35.7 (26.8-45.7)	34.6 (24.8-45.9)	58	0	0	29.0 (15.6-47.6)	24.0 (10.9-44.9)

Other backward class	457	9.4 (4.2-19.6)	31.3 (21.0-43.8)	33.6 (27.8-40.0)	31.7 (24.9-39.3)	311	5.1 (1.2-19.0)	33.3 (20.1-49.8)	38.6 (31.3-46.5)	30.7 (22.9-39.8)	146	16.0 (5.8-37.2)	28.0 (13.3-49.6)	23.0 (14.7-34.1)	34.0 (21.8-48.9)
General	85	0	20.0 (4.6-56.6)	38.5 (24.5-54.6)	33.3 (19.8-50.3)	37	0	0	47.1 (24.9-70.4)	6.7 (0.9-37.1)	48	0	40.0 (7.7-84.2)	31.8 (15.6-54.1)	52.4 (31.1-72.8)

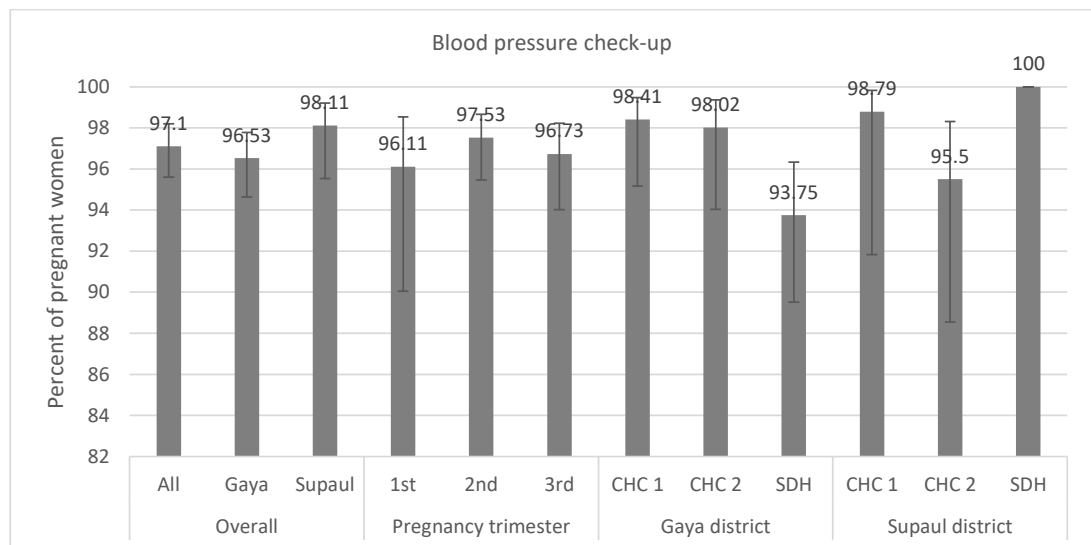
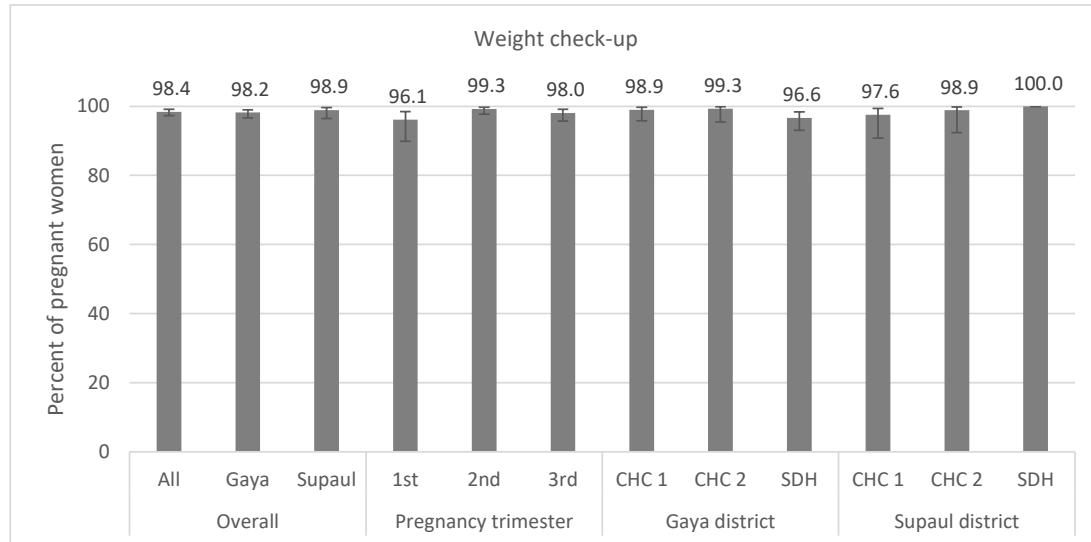
**Data not available for 13 pregnant women*

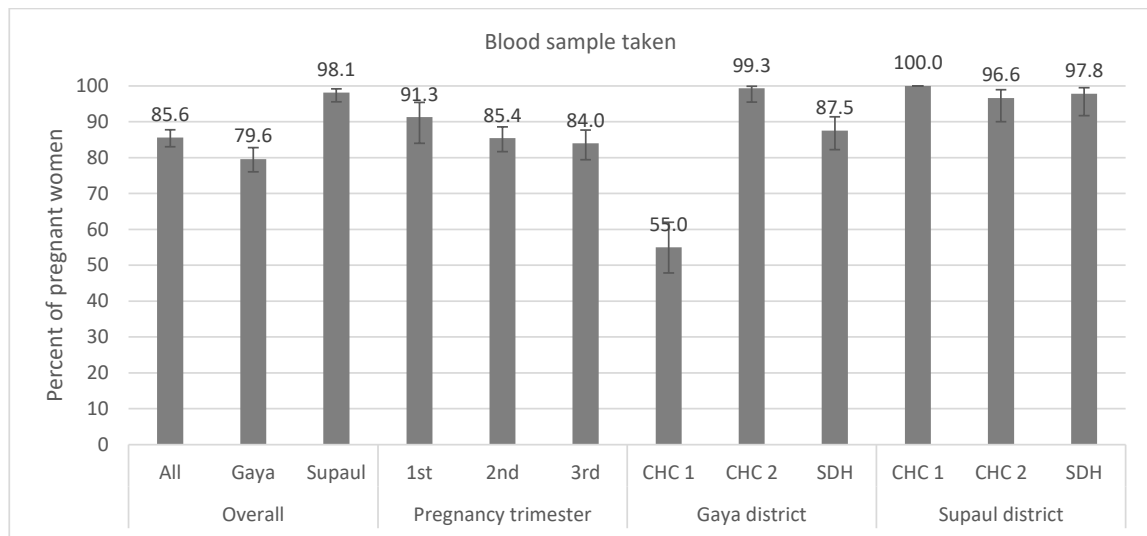
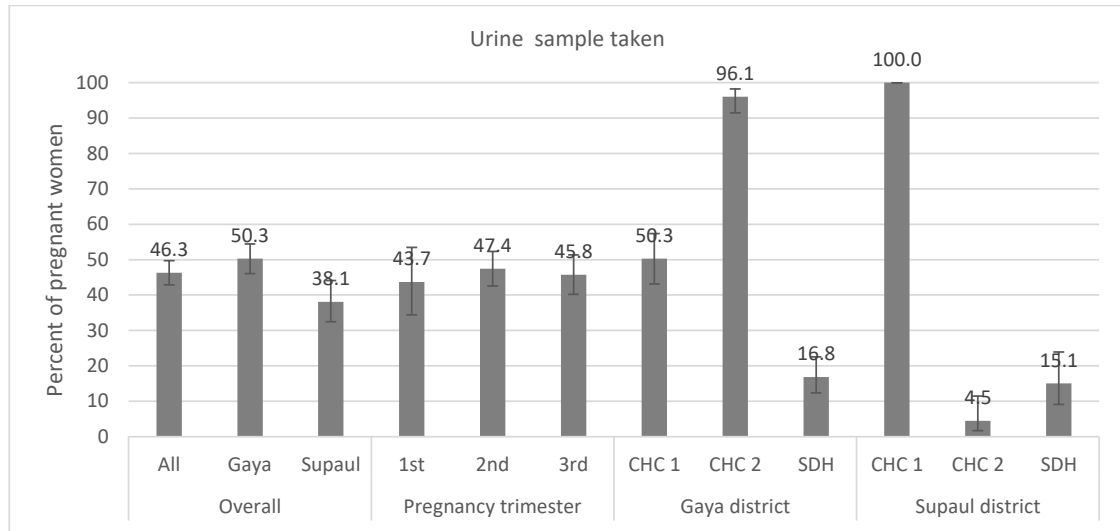
Supplementary Table 3: Availability of the staff on the PMSMA day to provide antenatal care services. NA denotes not applicable.

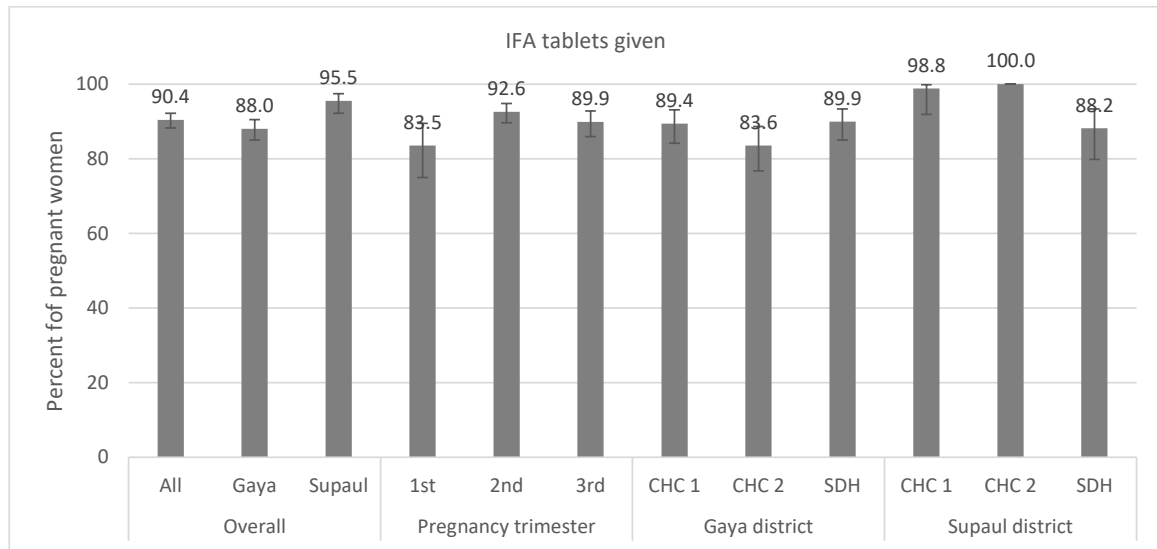
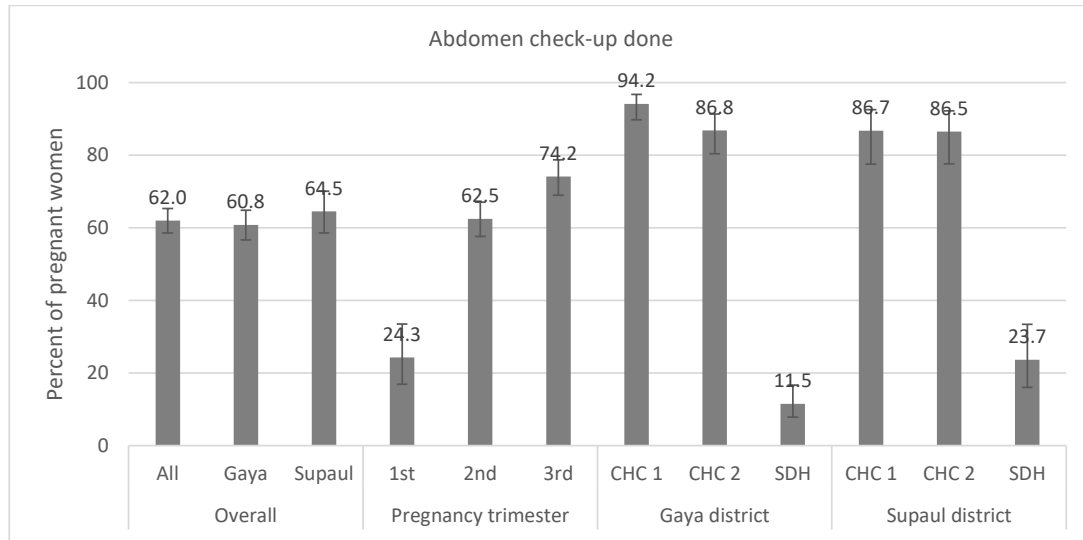
District, Facility	Number of staff							Total pregnant women registered for ANC services	Average number of pregnant women				Coverage of quality ANC services as reported in the exit interviews
	Doctor	Staff nurse	Lab technician	ANM	Counsellor	Pharmacist	Total		Per staff	Per doctor	Per ANM	Per lab technician	
Gaya, CHC 1													
Round 1	1	0	1	3	0	1	6	70	12	70	23.3	70	74.5
Round 2	2	0	0	4	0	1	7	69	10	34.5	17.3	NA	0
Round 3	2	0	1	5	0	1	9	74	8	37	14.8	74	28.3
Gaya, CHC 2													
Round 1	1	0	2	4	0	1	8	65	8	65	16.3	32.5	50.0
Round 2	1	0	2	4	0	1	8	41	5	41	10.3	20.5	90.3
Round 3	1	0	2	2	0	1	6	79	13	79	39.5	39.5	71.4
Gaya, SDH													
Round 1	2	2	2	2	1	1	10	89	9	44.5	44.5	44.5	4.4

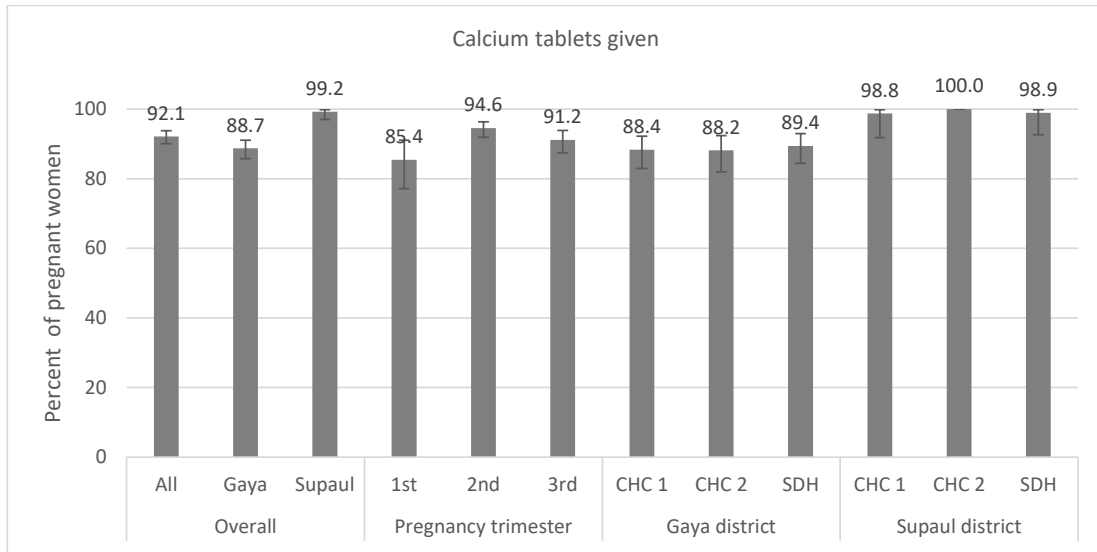
District, Facility	Number of staff							Total pregnant women registered for ANC services	Average number of pregnant women				Coverage of quality ANC services as reported in the exit interviews
	Doctor	Staff nurse	Lab technician	ANM	Counsellor	Pharmacist	Total		Per staff	Per doctor	Per ANM	Per lab technician	
Round 2	2	0	1	2	1	1	7	71	10	35.5	35.5	71	0
Round 3	4	0	1	2	0	1	8	102	12	25.5	51	102	4.3
Supaul, CHC 1													
Round 1	3	0	1	12	0	0	16	122	8	40.7	10.2	122	88.9
Supaul, CHC 2													
Round 1	1	0	1	5	0	0	7	118	16	118	23.6	118	1.5
Supaul, SDH													
Round 1	2	1	2	5	1	1	12	124	10	62	24.8	62	5.1

Supplementary Figure 1: Coverage of ANC service components as reported by the pregnant women in exit survey on the PMSMA day. Bars denote 95% confidence interval, CHC Community Health Centre and SDH Sub-district hospital.

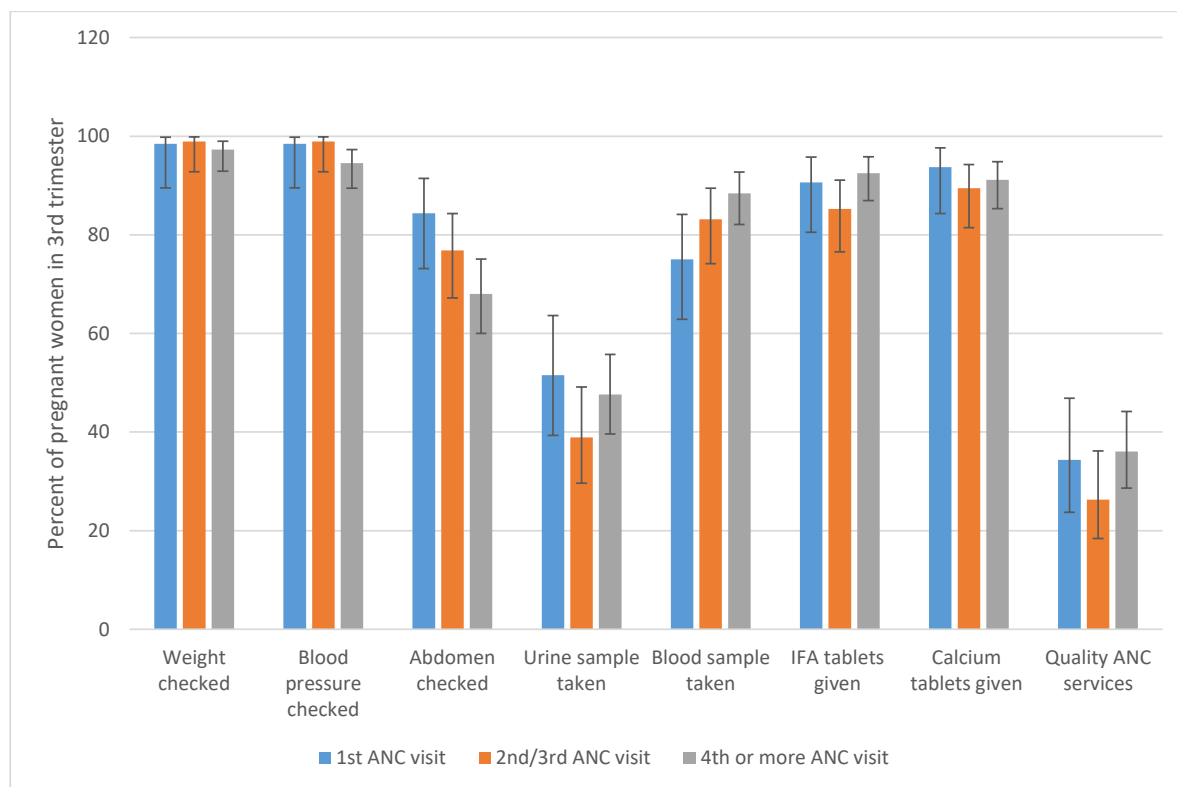








Supplementary Figure 2. Coverage of each component of antenatal care (ANC) and quality of ANC services among the 306 pregnant women in their 3rd trimester by the number of their ANC visit.



Supplementary Figure 3: Make-shift toilet facility in one of the public sector health facilities for pregnant women to provide urine sample on PMSMA day.

