Supplementary Table 1 Details of socio-demographic features of teen and non-teen pregnancy

Variables		Teen or nonte	Teen or nonteen	
		Non Teen	Teen	
Temporary	Bara	0 (0.0%)	1 (100.0%)	
address	Bhaktapur	57 (43.8%)	73 (56.2%)	
	Chitwan	0 (0.0%)	1 (100.0%)	
	Dhading	32 (41.6%)	45 (58.4%)	
	Dolakha	1 (16.7%)	5 (83.3%)	
	Gorkha	2 (28.6%)	5 (71.4%)	
	India	0 (0.0%)	1 (100.0%)	
	Kalanki	0 (0.0%)	1 (100.0%)	
	Kalikot	1 (100.0%)	0 (0.0%)	
	Kathmandu	459 (51.7%)	428 (48.3%)	
	Kabrepalanchok	4 (40.0%)	6 (60.0%)	
	Khotang	0 (0.0%)	3 (100.0%)	
	Kritipur	0 (0.0%)	3 (100.0%)	
	Lalitpur	53 (55.8%)	42 (44.2%)	
	Lamjung	2 (50.0%)	2 (50.0%)	
	Mahottari	0 (0.0%)	2 (100.0%)	
	Makawanpur	6 (37.5%)	10 (62.5%)	
	Morang	0 (0.0%)	1 (100.0%)	
	Nuwakot	34 (54.0%)	29 (46.0%)	
	Ramechhap	4 (50.0%)	4 (50.0%)	
	Rasuwa	1 (100.0%)	0 (0.0%)	
	Rautahat	3 (100.0%)	0 (0.0%)	
	Rolpa	0 (0.0%)	1 (100.0%)	
	Sankhuwashabha	1 (50.0%)	1 (50.0%)	

	Sarlahi	4 (80.0%)	1 (20.0%)
	Sindhuli	5 (71.4%)	2 (28.6%)
	Sindhupalchowk	11 (47.8%)	12 (52.2%)
Permanent	Aacham	0 (0.0%)	1 (100.0%)
address	Arghakhachi	0 (0.0%)	1 (100.0%)
	Baglung	3 (75.0%)	1 (25.0%)
	Baitadi	0 (0.0%)	1 (100.0%)
	Bajhang	1 (100.0%)	0 (0.0%)
	Bajura	3 (60.0%)	2 (40.0%)
	Banke	0 (0.0%)	3 (100.0%)
	Bara	4 (36.4%)	7 (63.6%)
	Bhaktapur	15 (62.5%)	9 (37.5%)
	Bhojpur	3 (23.1%)	10 (76.9%)
	Bihar	1 (50.0%)	1 (50.0%)
	Chitawan	6 (35.3%)	11 (64.7%)
	Dang	2 (40.0%)	3 (60.0%)
	Darchula	1 (50.0%)	1 (50.0%)
	Dhading	68 (42.2%)	93 (57.8%)
	Dhankuta	1 (50.0%)	1 (50.0%)
	Dhanusha	4 (57.1%)	3 (42.9%)
	Dolakha	27 (47.4%)	30 (52.6%)
	Doti	2 (100.0%)	0 (0.0%)
	Gorkha	17 (48.6%)	18 (51.4%)
	Gulmi	9 (81.8%)	2 (18.2%)
	Humla	2 (100.0%)	0 (0.0%)
	Illam	3 (75.0%)	1 (25.0%)
	India	8 (44.4%)	10 (55.6%)
	Jajarkot	2 (66.7%)	1 (33.3%)

Jhapa	2 (50.0%)	2 (50.0%)
Jumla	1 (100.0%)	0 (0.0%)
Kailali	2 (40.0%)	3 (60.0%)
Kalikot	2 (66.7%)	1 (33.3%)
Kanchanpur	2 (66.7%)	1 (33.3%)
Kapilbashtu	1 (100.0%)	0 (0.0%)
Kaski	1 (25.0%)	3 (75.0%)
Kathmandu	59 (50.9%)	57 (49.1%)
Kabrepalanchok	43 (49.4%)	44 (50.6%)
Khotang	6 (25.0%)	18 (75.0%)
Lalitpur	19 (65.5%)	10 (34.5%)
Lamjung	9 (75.0%)	3 (25.0%)
Mahottari	6 (46.2%)	7 (53.8%)
Makwanpur	27 (38.6%)	43 (61.4%)
Morang	7 (50.0%)	7 (50.0%)
Mugu	0 (0.0%)	2 (100.0%)
Myagadi	1 (100.0%)	0 (0.0%)
Nawalparasi	1 (100.0%)	0 (0.0%)
Nuwakot	82 (56.2%)	64 (43.8%)
Okhaldhunga	23 (69.7%)	10 (30.3%)
Palpa	0 (0.0%)	1 (100.0%)
Panchthar	0 (0.0%)	1 (100.0%)
Parbat	1 (100.0%)	0 (0.0%)
Parsa	5 (83.3%)	1 (16.7%)
Ramechhap	40 (50.6%)	39 (49.4%)
Rasuwa	9 (90.0%)	1 (10.0%)
Rautahat	7 (63.6%)	4 (36.4%)
Rolpa	4 (66.7%)	2 (33.3%)

	Rukum	0 (0.0%)	1 (100.0%)
	Rupendahi	0 (0.0%)	4 (100.0%)
	Salyan	0 (0.0%)	1 (100.0%)
	Samastipur, India	1 (100.0%)	0 (0.0%)
	Sankhuwasabha	3 (42.9%)	4 (57.1%)
	Saptari	3 (60.0%)	2 (40.0%)
	Sarlahi	22 (61.1%)	14 (38.9%)
	Sindhuli	34 (44.7%)	42 (55.3%)
	Sindhupalchok	45 (50.6%)	44 (49.4%)
	Siraha	2 (50.0%)	2 (50.0%)
	Sitamadi, India	1 (100.0%)	0 (0.0%)
	Solukhumbu	2 (33.3%)	4 (66.7%)
	Sunsari	5 (62.5%)	3 (37.5%)
	Surkhet	5 (100.0%)	0 (0.0%)
	Syanga	2 (50.0%)	2 (50.0%)
	Tanahu	4 (80.0%)	1 (20.0%)
	Terhathum	1 (100.0%)	0 (0.0%)
	Udayapur	8 (27.6%)	21 (72.4%)
Ethnicity	Upper Caste Groups (Brahmin	227 (57.0%)	171 (43.0%)
	and Chhetri)		
	Disadvantaged non dalit	20 (45.5%)	24 (54.5%)
	Relatively advantaged janajati	86 (53.8%)	74 (46.3%)
	Disadvantaged janajati	274 (43.9%)	350 (56.1%)
	Religious minorities	8 (61.5%)	5 (38.5%)
	Dalits	65 (54.2%)	55 (45.8%)
Religion	Hindu	536 (51.2%)	510 (48.8%)
	Buddhist	107 (46.5%)	123 (53.5%)
	Muslim	8 (50.0%)	8 (50.0%)

	Christian	29 (43.3%)	38 (56.7%)
Marital		631 (50.0%)	630 (50.0%)
status	husband	001 (00.070)	000 (00.070)
		46 (51.1%)	44 (48.9%)
	abroad/outside	,	,
	Married but seperated	2 (40.0%)	3 (60.0%)
	Unmarried	0 (0.0%)	1 (100.0%)
	Divorced	1 (100.0%)	0 (0.0%)
	widowed	0 (0.0%)	1 (100.0%)
Family type	Nuclear	404 (50.5%)	396 (49.5%)
, , , , , , , , , , , , , , , , , , ,	Joint	261 (49.8%)	263 (50.2%)
	Extended	15 (42.9%)	20 (57.1%)
Respondents	Farmer	6 (85.7%)	1 (14.3%)
occupation	Government Employee	28 (71.8%)	11 (28.2%)
	Non-Government employee	50 (45.0%)	61 (55.0%)
	Animal Husbandry	4 (57.1%)	3 (42.9%)
	Daily wage	13 (40.6%)	19 (59.4%)
	House maker	528 (49.8%)	533 (50.2%)
	Student	11 (40.7%)	16 (59.3%)
	Business	40 (53.3%)	35 (46.7%)
Husband	No education	11 (39.3%)	17 (60.7%)
education	Informal education	22 (45.8%)	26 (54.2%)
	Formal education	647 (50.5%)	635 (49.5%)
	Non-response	0 (0.0%)	1 (100.0%)
Husbands	Farmer	52 (69.3%)	23 (30.7%)
occupation	Government Employee	218 (49.8%)	220 (50.2%)
	Non-Government employee	32 (45.7%)	38 (54.3%)
	Animal Husbandry	4 (40.0%)	6 (60.0%)

	Foreign	126 (40.8%)	183 (59.2%)
	Retired	1 (33.3%)	2 (66.7%)
	Labor	66 (57.4%)	49 (42.6%)
	Business	7 (33.3%)	14 (66.7%)
	Daily wage	125 (53.2%)	110 (46.8%)
	Student	6 (46.2%)	7 (53.8%)
	Other	43 (62.3%)	26 (37.7%)
	Non-response	0 (0.0%)	1 (100.0%)
Respondents	No education	18 (40.9%)	26 (59.1%)
education	Informal education	16 (50.0%)	16 (50.0%)
	Formal education	646 (50.4%)	637 (49.6%)

Supplementary material CHILDBEARING IN EARLY TEENAGERS

THIS QUESTIONNAIRE IS FOR PREGNANT WOMEN OF 13 to 19 YEARS

INFORMED CONSENT			
Namaste, My name is, and I am here to collect information			
related to mother and child health. We are conducting a study and would appreciate your			
participation. With your consent I would like to ask you some questions related to your			
pregnancy, child health status and at the same time I would take little information from			
hospital records. The true information provided will help to save mothers and children of			
Nepal in long run. The questionnaire will takes 25- 30 minutes to complete. The			
information provided will be kept strictly confidential and will only be used for the study			
purpose.			
Participation in this study is voluntary and you can choose not to answer any individual question or all of the questions. If you feel any discomfort during the process of interview you have right to stop anytime. However, we hope that you will participate in this study since your views are important.			
At this time, do you want to ask me anything about the survey?			
RESPONDENT AGREES TO BE RESPONDENT DOES NOT AGREE TO BE INTERVIEWED — END			
Signature of respondent			
Go			
ahead			

IDENTIFICATION			
ID Number:			
Date of Interview	/	_(dd/mm/yr)	
Name of the District			1.() VDC) 2.()
Municipality)			
Name of VDC/Munio	cipality		
Ward Number:		Household	
Number			
Type of residence: 1	. Rural		2. Semi urban (outskirts
of city/urban)			
3	3. Small city or Town	4. La	rge city

SOCIO DEMOGRAPHIC INFORMATION

Q.No	Questions	Response and coding categories	Skip
•			
1	How old are you? (Completed age in	Years	
	years)		
2	What is your religion?		
	1. Hindu	1. Christian	
	2.Buddhist	2. Others	
	3.Muslim	(Specify	
3	What is your ethnicity ?		

	1. Caste (Fam:	ily	2. Ethnic		
	name)		group		
4	What is your marital status?				
	1. Married (living wi	ith	3. Divorce	ed	
	husband)		4. Widow	red	
	2. Married (currently husbar	nd	5. Others	(Specify	
	abroad/out of town)				
5	Are you the single wife of	your	1. Yes	2. No	
	husband?				
6	What is your educational status?		1		
	1. No education (illiterate)		3. Formal edu	cation (literate	
	2. Informal education			completed gra	ide /
			degree		
7	What is your husband's education	nal stat	tus?		'
	1. No education (illiterate)		3. Formal	educ	ation
	2. Informal education		(literate)	com	plete
			d grade/ de	egree	
8	What is your Primary (Main) Occ	upatio	n?		ſ
	1. Farmer	5. ho	memaker	9. Self	
	2. Government Employee	6. Re	tired service	e empl	loyed/Busin
	3. Non gov employee	ho	lder	ess	
	4. Animal Husbandry	7. Da	ily Labor	10.Other	r,
		8. Stu	ıdent	specify_	
9	What is the primary occupation of	of your	husband?		

	1. Farmer	5 .Retired service ma	nn 8. Foreign
	2. Government Employee	6. Daily Labor	9. Student
	3. Non gov employee	7. Self employed	d/ 10.Other,
	4. Animal Husbandry	Business	specify
		specify	
10	What is your main source of fa	amily income? (Tick any	two in priority basis)
	1. Agriculture	4. Business 6.	House rental
	2. Remittance	5. Animal 7.	Others, specify
	3. Service (JOB)	husbandry	
11	What is your approximate an	nual family income 1.	NRs Per
	(in NRs)?	A	nnum
		2.	Don't Know
12	How long does the food that is		
12	How long does the food that is		
12	How long does the food that is 1mo	s produced in your own	land suffice your family?
12		s produced in your own	land suffice your family?
12	1mo	s produced in your own	land suffice your family?
	1mo	s produced in your own 2. Don't know	land suffice your family? 3. Do not have land
	1mo nths Do you have following things	s produced in your own 2. Don't know	land suffice your family? 3. Do not have land
	1mo nths Do you have following things 1. Radio	s produced in your own 2. Don't know in your home? (tick ma	land suffice your family? 3. Do not have land rk all that apply)
	1mo nths Do you have following things 1. Radio 2. Television	s produced in your own 2. Don't know in your home? (tick ma 4. Personal cell phone	and suffice your family? 3. Do not have land rk all that apply) 7. Car/ Jeep/ others
	1mo nths Do you have following things 1. Radio 2. Television	in your home? (tick ma 4. Personal cell phone 5. Cycle	and suffice your family? 3. Do not have land rk all that apply) 7. Car/ Jeep/ others 8. Others

15	What is the total number of your family members? (living together and sharing the
	same kitchen)
	numbers

MARITAL AND REPRODUCTIVE HISTORY

S.N	Questions and filters	Response	Skip
16	What was your age at marriage? (Completed		
	years)		
17	What was your age at menarche? (Completed	1	
	years)		
18	If yes, what was your age at first pregnancy?		
	(Completed years)		
19	How many times have you been pregnant (total pregnancies including abortion, still		
	birth, live birth and current pregnancy (Gravid))? times pregnant		
20	What is the total number of deliveries that was more than 27 weeks of gestation (Live or		
	still birth (Parity)		