

Supplemental Table S1. Characteristics of respondents by country

	Burkina Faso (N=1,186)		Kenya (N=2,784)	
	n	%	n	%
Sociodemographic				
Residence				
Urban	808	15.2	964	27.0
Rural	378	84.8	1,820	73.0
Age				
15-24	236	31.5	390	18.9
25-34	514	38.5	1,220	40.8
35-49	436	30.0	1,174	40.2
Parity				
0-1	191	16.1	356	13.4
2-3	475	33.2	1,242	43.3
4+	520	50.7	1,186	43.3
Education*				
Lower	530	73.3	1,530	60.1
Higher	654	26.7	1,254	39.9
Wealth				
Low	134	36.6	822	38.4
Middle	229	40.1	1,084	34.5
High	823	23.4	878	27.1
Reproductive health				
Contraceptive use and intentions before COVID-19				
Not using with no intention	193	23.6	342	12.2
Not using but intends to use	320	43.2	364	13.4
Using short-acting method	358	15.0	1094	37.6
Using long-acting method	315	18.1	984	36.8
Contraceptive use during COVID-19				
No	385	47.7	489	17.9
Yes	799	52.3	2295	82.1
COVID-19-related				
Economic loss due to COVID-19				
None	263	23.1	175	6.3
Partial	741	61.0	1451	50.8
Complete	182	15.9	1157	42.8
Worried about future income loss due to COVID-19				
No	137	10.5	98	3.9
Yes	1,045	89.5	2684	96.1
Food insecurity during COVID-19				
None	1,031	79.3	1990	68.4
Chronic stable	58	8.5	208	8.4
Increased	96	12.3	586	23.2
Able to socially distance				
No	404	25.0	834	31.2
Yes	781	75.0	1950	68.8
Concerned about becoming infected with COVID-19				
Very concerned	759	73.9	2238	79.1
Concerned	242	15.1	361	13.0
A little/not concerned	184	11.1	184	8.0

*Education in Burkina Faso distinguished women who never went to school (lower) from women who went to school (higher). In Kenya, education distinguished women who have secondary school or higher (higher) from those who have less education (lower). Unweighted totals (n) and proportions (%).

Supplemental Table S2. Contraceptive use dynamics during COVID-19 relative to pre-COVID-19 contraceptive use status by sociodemographic and COVID-19-related characteristics and site

	Burkina Faso					Kenya				
	Non-use	Continue	Discontinue	Adopt	p-value	Non-use	Continue	Discontinue	Adopt	p-value
Overall contraceptive status	41.7	26.9	6.0	25.4		12.6	69.0	5.3	13.1	
Baseline characteristics										
Residence										
Urban	21.2	56.5	7.8	14.6	<0.001	6.7	75.9	5.9	11.6	<0.001
Rural	45.4	21.6	5.7	27.3		14.8	66.5	5.1	13.6	
Age										
15-24	50.0	22.4	2.0	25.5	0.090	5.6	74.4	4.5	15.6	<0.001
25-34	38.6	30.1	7.6	23.7		8.5	74.0	6.0	11.5	
35-49	37.0	27.5	8.0	27.4		20.0	61.5	5.0	13.5	
Parity										
0-1	45.3	30.4	2.4	21.9	0.150	8.7	69.1	8.4	13.9	<0.001
2-3	46.0	23.7	5.6	24.8		7.8	73.8	5.1	13.3	
4+	37.8	27.9	7.4	27.0		18.5	64.3	4.5	12.6	
Education^a										
Lower	45.3	20.2	6.5	28.0	<0.001	15.5	67.3	4.6	12.7	<0.001
Higher	32.1	45.0	4.5	18.4		8.2	71.7	6.4	13.7	
Wealth										
Low	38.1	20.3	7.0	34.5	<0.001	16.0	65.1	4.1	14.9	0.004
Middle	51.2	22.4	4.5	21.9		11.9	69.7	6.2	12.2	
High	31.3	44.8	6.9	17.0		8.6	73.8	6.0	11.6	
Reproductive health										
Contraceptive use and intentions										
Not using with no intention	73.6	-	-	26.4	n/a	69.6	-	-	30.4	n/a
Not using but intends to use	55.9	-	-	44.1		30.3	-	-	69.7	
Using short-acting method	-	75.0	25.0	-		-	89.0	11.0	-	
Using long-acting method	-	87.6	12.4	-		-	96.8	3.2	-	
Emotional response to potential pregnancy										
Very happy	50.3	22.4	3.3	24.0	0.122	18.7	69.5	5.5	6.2	0.001
Happy	25.8	33.7	11.3	29.2		15.0	67.9	5.1	12.0	

Mixed feelings	44.2	34.0	5.7	16.2		7.8	76.3	4.8	11.1	
Unhappy	45.2	29.0	10.7	15.2		11.5	68.3	6.0	14.1	
Very unhappy	42.2	24.4	3.9	29.4		12.2	66.6	5.3	16.0	
COVID-19-related										
Household income loss										
None	53.8	25.3	6.1	14.9	0.070	9.5	76.1	3.1	11.3	0.463
Partial	37.0	27.2	6.1	29.8		12.5	70.0	5.0	12.6	
Complete	42.6	28.3	5.4	23.8		13.2	66.9	6.0	13.9	
Concern about future loss of income due to COVID-19										
No	46.7	26.7	5.2	21.4	0.958	15.1	70.4	0.6	13.9	0.164
Yes	41.2	27.0	5.9	25.9		12.5	69.0	5.5	13.1	
Food insecurity during COVID-19										
None	42.0	29.3	7.0	21.7	<0.001	11.3	71.1	5.4	12.2	0.040
Chronic stable	54.2	6.6	4.0	35.2		18.5	64.0	3.0	14.5	
Increased	31.6	25.2	0.9	42.3		14.3	64.8	5.9	15.1	
Able to socially distance										
No	32.1	36.0	8.3	23.7	0.039	13.0	70.3	4.7	11.9	0.586
Yes	44.9	23.9	5.2	26.0		12.4	68.5	5.6	13.6	
Concerned about becoming infected with COVID-19										
Very concerned	44.9	24.0	5.5	25.7	0.122	11.6	69.8	5.1	13.5	0.270
Concerned	24.8	39.1	4.0	32.2		16.5	65.6	5.2	12.7	
A little/Not concerned	43.8	29.7	12.2	14.4		15.5	67.3	7.5	9.8	

^aEducation in Burkina Faso distinguished women who never went to school (lower) from women who went to school (higher). In Kenya, education distinguished women who have secondary school or higher (higher) from those who have less education (lower). Row totals are presented. Bolded values indicate $p < 0.05$. All estimates are weighted for the complex survey design.

Supplemental Table S3. Proportion of contraceptive non-users during COVID-19 who report COVID-related reasons for non-use of contraception

Reason reported	Burkina Faso (%)	Kenya (%)
Any COVID-19 related reason	3.8	14.4
Healthcare facility closed	1.0	1.0
Fear of COVID-19 infection at facility	1.9	9.5
Lack of transport to facility/Restrictions on movement	1.5	4.3
Preferred method unavailable	1.2	3.2

Note: Only COVID-19-related reasons reported in table. Totals do not sum to 100% by site; Multiple reported reasons possible.