

TABLE 1. Basic demographic and socioeconomic indicators, 43 countries

Subregion and country	Population, in 000s	GNI per capita, Atlas method, US\$	Under-5 mortality rate	Among all women 15–49:	
				% urban	% with secondary education or higher
Eastern Africa					
Burundi	10,483	260	96	10.7	12.1
Comoros	752	840	50	33.1	49.1
Ethiopia	96,506	470	88	23.9	11.2
Kenya	45,546	1,160	74	25.4	34.3
Malawi	16,829	270	112	18.7	20.0
Mozambique	26,473	610	97	34.7	18.5
Rwanda	12,100	630	76	15.0	16.2
Tanzania	50,757	840	81	28.5	16.2
Uganda	38,845	600	90	19.8	27.7
Zimbabwe	14,599	860	84	38.7	69.7
Western Africa					
Benin	10,600	790	70	46.5	23.0
Burkina Faso	17,420	660	129	27.1	12.4
Niger	18,535	410	127	18.8	8.5
Nigeria	178,517	2,690	128	42.1	44.9
Senegal	14,548	1,050	72	49.3	20.4
Northern Africa and Western Asia					
Armenia	2,984	3,800	16	61.5	93.9
Azerbaijan	9,515	7,350	50	56.5	97.5
Egypt*	83,387	3,140	28	41.2	55.5
Jordan*	7,505	4,940	28	84.0	90.1
Morocco	33,493	3,030	47	60.5	30.2
Turkey*	75,837	10,980	52	66.5	30.3
Eastern Europe and Central Asia					
Kazakhstan	16,607	11,560	71	55.6	99.4
Kyrgyz Republic	5,625	1,220	31	37.4	99.5
Moldova	3,461	2,470	14	42.9	99.3
Tajikistan	8,409	990	43	25.0	94.1
Ukraine	44,941	3,760	17	71.4	99.9
Southern Asia					
Bangladesh*	158,513	1,010	53	26.0	42.3
India	1,267,402	1,560	74	32.8	44.7
Maldives*	352	6,850	17	33.2	40.9
Nepal	28,121	720	54	14.4	42.8
Pakistan*	185,133	1,360	89	33.5	27.0
Southeastern Asia					
Cambodia	15,408	950	54	21.0	34.7
Indonesia	252,812	3,760	40	52.2	63.5
Philippines	100,096	3,270	34	55.7	79.3
Viet Nam*	92,548	1,740	24	19.1	66.9
Latin America and the Caribbean					
Bolivia	10,848	2,550	63	66.0	54.3
Brazil	202,034	12,550	49	82.0	61.9
Colombia	48,930	7,610	19	78.8	76.1
Dominican Republic	10,529	5,770	37	71.8	59.1
Guatemala	15,860	3,340	59	68.8	25.4
Honduras	8,261	2,120	29	45.0	45.9
Paraguay	6,918	3,980	43	56.3	36.1
Peru	30,769	6,270	21	74.8	75.2

*Data for percent urban and percent with secondary or higher education are based on ever-married women, as opposed to all women for other countries. *Note:* GNI=gross national income. *Sources:* **Population size**—2014 population projections, from: UN DESA Population Division, Population Estimates and Projections Section. *World Population Prospects: the 2012 Revision*, <http://esa.un.org/wpp/Excel-Data/population.htm>. **GNI per capita**—Data from 2013. The World Bank, <http://data.worldbank.org/indicator/NY.GNP.PCAP.CD>. **Under-5 mortality rate, percent urban, and percent with secondary education or higher**—Data from most recent available Demographic and Health Survey, MEASURE DHS STATcompiler. Under-5 mortality rates are for 0–4 years preceding the survey (excluding the month of interview from analysis).

TABLE 2. Selected sexual and reproductive characteristics of women aged 15–49, in 43 countries, 1990–2013

Subregion, country and survey year	TFR		% of married women* who:		% who received antenatal care from a skilled provider**	% ever married††	% sexually active‡‡ among unmarried women	% with unmet need for contraception† among:		
	Actual	Wanted	Want to space their next birth‡	Want no more children§				Married women*	Sexually active‡‡ unmarried women	All sexually active women§§
Eastern Africa										
Burundi 2010	6.4	4.5	52.7	32.6	99.1	66.7	5.0	32.4	46.5	32.9
Comoros 2012	4.3	3.8	47.0	19.8	92.1**	67.7	7.5	32.3	41.6	32.8
Ethiopia 2005	5.4	4.0	39.6	42.1	28.0**	75.1	2.3	36.1	40.0	36.1
Kenya 2003	4.9	3.6	33.5	48.7	88.1**	70.3	18.1	27.4	43.1	29.1
Malawi 2004	6.0	4.9	43.6	40.9	93.2**	83.1	17.2	30.3	55.6	32.0
Mozambique 2011	5.9	5.2	33.7	28.4	90.7	81.6	40.4	28.5	42.4	30.7
Rwanda 2010	4.6	3.2	37.8	52.9	98.3	61.3	8.0	20.8	49.1	22.9
Tanzania 2004–05	5.7	4.9	44.4	29.5	94.3**	77.1	30.7	24.3	35.2	25.7
Uganda 2011	6.2	4.7	41.3	42.5	94.9	75.6	20.9	34.3	39.5	34.8
Zimbabwe 2010–11	4.1	3.5	40.5	40.5	88.5	76.1	15.9	14.6	33.0	16.2
Western Africa										
Benin 2011–12	4.9	4.0	40.0	27.5	86.2	75.9	31.3	32.6	49.6	34.5
Burkina Faso 2010	6.0	5.4	53.7	23.7	95.7	82.5	18.6	24.5	38.8	25.2
Niger 2012	7.6	7.4	56.3	8.5	84.1	92.1	3.8	16.0	53.5	16.2
Nigeria 2013	5.5	5.2	44.4	18.6	60.6**	77.1	24.1	16.1	27.7	17.1
Senegal 2010–11	5.0	4.3	45.7	21.6	97.1	70.8	6.1	30.1	64.3	31.1
Northern Africa and Western Asia										
Armenia 2010	1.7	1.6	24.0	57.9	99.3	67.7	na**	13.5	na**	na**
Azerbaijan 2006	2.0	1.8	11.6	71.7	79.5	69.1	na**	15.4	na**	na**
Egypt 2008††	3.0	2.4	20.6	62.9	76.1	69.3	na	11.6	na	na
Jordan 2012††	3.5	2.5	25.6	52.8	99.1	57.1	na	11.7	na	na
Morocco 2003–04	2.5	1.8	25.9	53.7	67.6	57.9	na*§	11.9	na*§	na*§
Turkey 2003††	2.2	1.6	17.5	69.2	80.1	70.1	na	9.5	na	na
Eastern Europe and Central Asia										
Kazakhstan 1999	2.0	1.9	25.1	58.2	94.4**	74.7	22.4	11.9	32.1	14.2
Kyrgyz Republic 2012	3.6	3.4	46.9	26.1	97.4	72.8	6.3	18.0	52.7	19.2
Moldova 2005	1.7	na	19.3	64.1	98.3	75.0	20.2	11.4	32.9	13.4
Tajikistan 2012	3.8	3.3	32.6	44.0	80.4	72.5	na**	22.9	na**	na**
Ukraine 2007	1.2	1.1	25.5	57.8	99.5	77.4	30.5	10.1	10.6	10.2
Southern Asia										
Bangladesh 2011††	2.3	1.6	21.7	64.9	54.7	85.3	na	13.5	na	na
India 2005–06	2.7	1.9	14.0	70.5	75.9**	79.5	na**	13.9	na**	na**
Maldives 2009††	2.5	2.2	32.8	47.8	99.8	68.6	na	28.6	na	na
Nepal 2011	2.6	1.8	17.0	72.7	59.4	78.6	na**	27.5	na**	na**
Pakistan 2012–13††	3.8	3.0	24.2	51.2	75.0	66.7	na	24.4	na	na
Southeastern Asia										
Cambodia 2010	3.0	2.6	30.4	56.3	90.6	69.2	na**	16.9	na**	na**
Indonesia 2012	2.6	2.2	33.7	50.1	96.2	78.4	na**	11.4	na**	na**
Philippines 2003	3.5	2.5	24.3	61.2	87.6**	67.8	2.1	22.5	55.8	22.9
Viet Nam 2002††	1.9	1.6	17.3	75.4	86.8	68.0	na*§	6.6	na*§	na*§
Latin America and the Caribbean										
Bolivia 1994	4.8	2.7	15.8	72.2	52.5	69.6	9.0	28.9	34.4	29.2
Brazil 1996	2.5	1.8	14.9	74.4	89.3	69.4	25.9	10.8	25.1	12.9
Colombia 2010	2.1	1.6	17.1	70.1	96.7	68.4	44.1	8.0	20.1	11.4
Dominican Republic 2002	3.0	2.3	18.8	66.2	98.3**	76.9	25.3	12.4	30.1	15.0
Guatemala 1998–99	5.0	4.1	28.5	58.4	59.6**	73.8	3.7	26.8	49.4	27.3
Honduras 2011–12	2.9	2.2	31.3	55.2	96.6	71.5	18.5	10.7	30.1	13.1
Paraguay 1990	4.7	4.0	32.5	43.6	83.9**	67.1	20.3	17.4	na**	na**
Peru 2012	2.6	1.8	24.1	62.0	96.1	67.2	24.2	9.3	20.7	11.1
Most recent survey for countries that have the calendar data for an older survey										
Ethiopia 2011	4.8	3.8	44.1	37.0	41.9	72.9	6.8	26.3	35.3	26.6
Kenya 2008–09	4.6	3.4	31.7	53.6	91.5	68.8	22.4	25.6	44.7	28.3
Malawi 2010	5.7	4.5	39.3	46.9	94.6	80.3	16.7	26.2	44.6	27.6
Tanzania 2010	5.4	4.7	46.4	30.0	95.8	74.9	33.7	22.3	35.5	24.5
Philippines 2008	3.3	2.4	24.5	62.7	91.0	66.7	4.5	22.0	47.3	22.7
Bolivia 2008	3.5	2.0	17.8	69.8	90.1	68.3	17.3	20.1	31.2	21.3
Dominican Republic 2007	2.4	1.9	20.6	65.7	99.4	76.0	33.2	11.1	29.6	14.9

*Married women or women living in union. †Women with unmet need are defined as those who are sexually active and fecund, and want to delay or stop childbearing, but are not using any method of contraception (modern or traditional) (<<http://dhsprogram.com/pubs/pdf/AS25/AS25%5B12June2012%5D.pdf>>). ‡Women who are undecided if/when they want a/another birth. §Includes women who are sterilized or whose husband/partner is sterilized. **Measured among women who gave birth in the last 3 years unless otherwise noted. Skilled provider: a doctor, nurse or midwife. ††Women formally married, living together as if married, widowed, divorced or not living together (i.e., separated). ‡‡Had sex in the past 3 months. §§Married women are assumed to be sexually active †††Measured in the last 5 years. *†No more than 1.5% of unmarried women reported being sexually active. *§Questions on sexual activity were not asked. **Questions related to unmet need were not asked for women who were not currently married. ††Data are based on ever-married women as opposed to all women for other countries. Notes: na=not applicable because survey included only ever-married women. TFR=total fertility rate.

TABLE 3. Percentages and percent distributions of women according to current use of contraception by method, among married and sexually active unmarried women 15–49, in 43 countries, 1990–2013

Subregion, country and survey year	Any reversible modern method (excludes sterilization)			Modern methods								Any traditional method	Traditional methods				Not using a method	Total†	No. of women
	Any method	Any modern method	sterilization	Female sterilization	Male sterilization	Pill	IUD	Injectables	Implants	Male condom	Other modern methods*		Periodic abstinence	Withdrawal	Lactational Amenorrhoea Method	Other traditional methods			
Eastern Africa																			
Burundi 2010	21.9	17.8	17.3	0.6	0.0	2.4	2.7	10.3	0.6	1.2	0.0	4.0	1.8	2.2	0.0	0.0	78.1	100.0	5,621
Comoros 2012	20.5	13.9	13.1	0.8	0.0	3.0	0.1	5.5	1.6	2.9	0.0	6.7	3.4	2.4	0.8	0.1	79.5	100.0	3,417
Ethiopia 2005	14.9	13.9	13.7	0.2	0.0	3.1	0.2	9.9	0.2	0.3	0.0	1.1	0.6	0.3	0.2	0.0	85.1	100.0	9,179
Kenya 2003	39.7	31.9	27.9	4.0	0.0	7.2	2.3	14.4	1.6	2.3	0.0	7.8	6.4	0.6	0.0	0.8	60.3	100.0	5,513
Malawi 2004	32.0	27.8	22.2	5.5	0.0	1.9	0.1	17.6	0.5	2.2	0.0	4.2	0.5	2.0	0.0	1.7	68.0	100.0	8,895
Mozambique 2011	14.3	13.9	13.7	0.2	0.0	5.1	0.2	5.0	0.0	3.3	0.1	0.4	0.1	0.1	0.2	0.1	85.7	100.0	11,113
Rwanda 2010	50.4	43.9	43.0	0.8	0.0	6.9	0.4	25.7	6.2	3.3	0.6	6.5	2.7	3.3	0.5	0.1	49.6	100.0	7,439
Tanzania 2004–05	27.9	21.3	18.9	2.4	0.0	6.0	0.2	8.7	0.5	3.6	0.0	6.6	2.3	2.7	0.5	1.2	72.1	100.0	7,986
Uganda 2011	31.5	27.3	24.6	2.7	0.1	3.0	0.5	14.3	2.5	4.3	0.0	4.2	1.5	2.1	0.2	0.5	68.5	100.0	6,098
Zimbabwe 2010–11	57.8	56.4	55.3	1.1	0.0	39.0	0.2	8.3	2.7	4.8	0.4	1.4	0.1	0.9	0.2	0.2	42.2	100.0	6,253
Western Africa																			
Benin 2011–12	15.2	9.3	9.2	0.1	0.0	1.5	0.5	2.0	0.9	3.5	0.7	5.9	3.3	0.9	0.4	1.3	84.8	100.0	13,220
Burkina Faso 2010	17.9	16.6	16.5	0.2	0.0	3.3	0.3	6.1	3.4	3.4	0.1	1.2	1.0	0.1	0.1	0.0	82.1	100.0	14,219
Niger 2012	14.0	8.4	8.3	0.1	0.0	5.6	0.1	2.2	0.3	0.1	0.0	5.6	0.1	0.0	3.9	1.6	86.0	100.0	9,930
Nigeria 2013	19.3	12.9	12.6	0.3	0.0	2.3	1.0	3.1	0.4	5.1	0.6	6.3	2.4	2.7	0.4	0.8	80.7	100.0	30,508
Senegal 2010–11	13.4	12.2	11.9	0.2	0.0	4.1	0.6	5.2	1.2	0.8	0.0	1.2	0.3	0.2	0.2	0.5	86.6	100.0	10,675
Northern Africa and Western Asia																			
Armenia 2010	54.9	26.4	26.2	0.2	0.0	1.5	9.6	0.0	0.0	14.6	0.5	28.4	2.4	24.5	0.8	0.8	45.1	100.0	3,626
Azerbaijan 2006	51.1	13.2	12.8	0.4	0.0	1.1	9.2	0.0	0.0	2.2	0.2	38.0	4.0	32.5	1.1	0.3	48.9	100.0	5,269
Egypt 2008	60.3	57.6	56.6	1.0	0.0	11.9	36.1	7.4	0.5	0.7	0.0	2.7	0.4	0.2	0.0	2.0	39.7	100.0	15,396
Jordan 2012	61.2	41.0	38.8	2.2	0.0	8.1	21.3	0.9	0.3	7.9	0.2	20.2	3.5	14.3	1.3	1.0	38.8	100.0	10,801
Morocco 2003–04	63.0	52.0	49.2	2.7	0.0	40.1	5.4	2.1	0.0	1.5	0.1	11.0	3.8	4.4	2.8	0.1	37.0	100.0	8,782
Turkey 2003	72.2	43.2	37.3	5.7	0.1	5.0	21.0	0.4	0.0	10.3	0.7	29.1	1.1	27.0	0.7	0.4	27.8	100.0	3,902
Eastern Europe and Central Asia																			
Kazakhstan 1999	64.9	53.5	50.9	2.5	0.0	3.0	39.9	0.6	0.0	5.6	1.9	11.5	4.6	2.9	0.0	4.1	35.1	100.0	3,416
Kyrgyz Republic 2012	36.2	33.4	31.8	1.6	0.0	1.6	21.6	0.5	0.0	8.0	0.1	2.8	0.2	2.3	0.2	0.1	63.8	100.0	5,443
Moldova 2005	66.8	42.4	37.9	4.4	0.0	3.7	23.7	0.1	0.0	8.9	1.6	24.4	3.4	18.9	1.2	0.9	33.2	100.0	5,442
Tajikistan 2012	27.9	25.7	25.2	0.6	0.0	2.3	18.5	2.0	0.0	2.2	0.0	2.2	0.1	1.9	0.1	0.0	72.1	100.0	6,504
Ukraine 2007	69.0	51.6	51.0	0.6	0.0	5.1	16.4	0.0	0.0	28.7	0.9	17.4	6.6	9.3	0.0	1.4	31.0	100.0	4,947
Southern Asia																			
Bangladesh 2011	61.2	52.1	45.8	5.0	1.2	27.2	0.7	11.2	1.1	5.5	0.0	9.2	6.9	1.9	0.0	0.4	38.8	100.0	16,635
India 2005–06	56.3	48.5	10.2	37.3	1.0	3.1	1.7	0.1	0.0	5.2	0.0	7.8	4.9	2.5	0.0	0.3	43.7	100.0	93,089
Maldives 2009	34.7	27.0	16.4	10.1	0.5	4.6	0.8	1.2	0.5	9.3	0.0	7.8	3.4	4.2	0.0	0.1	65.3	100.0	6,500
Nepal 2011	49.7	43.2	20.1	15.2	7.8	4.1	1.3	9.2	1.2	4.3	0.0	6.5	1.1	5.4	0.0	0.0	50.3	100.0	9,608
Pakistan 2012–13	35.4	24.6	15.7	8.7	0.3	1.6	2.3	2.8	0.1	8.8	0.1	10.8	0.7	8.5	1.5	0.1	64.6	100.0	12,937
Southeastern Asia																			
Cambodia 2010	50.5	34.9	32.4	2.4	0.0	15.4	3.1	10.4	0.4	2.7	0.4	15.7	3.9	11.7	0.0	0.1	49.5	100.0	11,626
Indonesia 2012	61.9	57.8	54.5	3.2	0.2	13.6	3.9	31.9	3.3	1.8	0.0	4.1	1.3	2.3	0.0	0.4	38.1	100.0	33,465
Philippines 2003	48.6	32.8	22.3	10.4	0.1	13.1	4.1	3.0	0.0	1.9	0.2	15.7	6.7	8.2	0.3	0.6	51.4	100.0	8,773
Viet Nam 2002	78.5	56.7	50.3	5.9	0.5	6.3	37.7	0.4	0.0	5.8	0.0	21.8	7.5	14.3	0.0	0.1	21.5	100.0	5,338
Latin America and the Caribbean																			
Bolivia 1994	45.5	17.7	13.2	4.4	0.0	2.9	7.8	0.8	0.0	1.5	0.1	27.8	22.4	1.7	0.0	3.7	54.5	100.0	5,627
Brazil 1996	75.3	69.2	30.7	36.2	2.3	22.0	1.1	1.5	0.0	6.0	0.1	6.1	2.9	3.0	0.0	0.3	24.7	100.0	8,886
Colombia 2010	77.1	71.2	39.6	29.1	2.6	8.5	6.9	10.3	3.5	10.2	0.1	5.9	2.1	3.4	0.1	0.3	22.9	100.0	36,648
Dominican Republic 2002	67.6	63.0	20.4	42.5	0.1	13.1	2.4	2.0	0.5	2.4	0.0	4.5	1.5	1.8	0.4	0.8	32.4	100.0	16,368
Guatemala 1998–99	38.2	30.9	13.5	16.6	0.8	5.1	2.2	3.9	0.0	2.3	0.0	7.2	5.6	1.5	0.0	0.1	61.8	100.0	4,041
Honduras 2011–12	71.3	62.2	40.9	21.0	0.3	11.5	6.6	17.2	0.0	5.6	0.1	9.2	2.8	6.2	0.0	0.1	28.7	100.0	14,677
Paraguay 1990	46.8	33.7	27.0	6.7	0.0	12.7	5.2	5.8	0.0	2.5	0.7	13.1	5.5	2.7	0.0	5.0	53.2	100.0	4,031
Peru 2012	74.5	51.7	43.9	7.3	0.4	9.2	2.6	17.2	0.0	14.5	0.5	22.9	14.5	7.4	0.1	1.0	25.5	100.0	16,113

*The diaphragm, female condom, foam/jelly/spermicides, (in Burkina Faso, Ethiopia, Honduras, Nigeria, Pakistan, the Philippines and Rwanda); emergency contraception (Peru and the Philippines); Fertility wheel calculator (Armenia); and Mucus/Billings/Basal body/Symptothermal method (the Philippines). †Sum of any modern method, any traditional method and not using a method. Notes: Denominator is women who are currently married and/or had sex in the past 3 months. For surveys among ever-married women (indicated by "na" in Table 2), the denominator is married women.

TABLE 4. Percentages and percent distributions according to contraceptive method among married or sexually active current contraceptive users 15–49, in 43 countries, 1990–2013

Subregion, country and survey year	Any modern method	Any reversible modern method (excludes sterilization)	Modern methods								Other modern methods*	Any traditional method	Traditional methods				Total†	Number of sexually active contraceptive users
			Female sterilization	Male sterilization	Pill	IUD	Injectables	Implants	Male condom	Periodic abstinence			Withdrawal	Lactational Amenorrhea Method	Other traditional methods			
Eastern Africa																		
Burundi 2010	81.6	79.0	2.6	0.0	11.0	12.4	47.2	2.7	5.5	0.2	18.4	8.3	10.1	0.1	0.0	100.0	1,228	
Comoros 2012	67.6	63.7	3.9	0.0	14.8	0.3	27.0	7.6	14.1	0.1	32.4	16.5	11.6	3.9	0.5	100.0	702	
Ethiopia 2005	92.8	91.7	1.1	0.0	20.6	1.4	66.3	1.2	2.2	0.0	7.2	4.3	1.7	1.2	0.0	100.0	1,372	
Kenya 2003	80.3	70.3	10.1	0.0	18.1	5.7	36.4	4.1	5.9	0.1	19.7	16.1	1.6	0.0	1.9	100.0	2,187	
Malawi 2004	87.0	69.6	17.3	0.1	6.1	0.4	55.0	1.4	6.7	0.0	13.0	1.5	6.3	0.0	5.2	100.0	2,843	
Mozambique 2011	96.9	95.5	1.4	0.0	35.4	1.2	34.8	0.1	23.3	0.8	3.1	0.7	0.5	1.1	0.9	100.0	1,591	
Rwanda 2010	87.1	85.4	1.6	0.1	13.6	0.9	50.9	12.2	6.5	1.2	12.9	5.4	6.5	0.9	0.1	100.0	3,747	
Tanzania 2004–05	76.3	67.5	8.7	0.1	21.3	0.6	31.1	1.8	12.7	0.0	23.7	8.1	9.7	1.6	4.3	100.0	2,232	
Uganda 2011	86.5	77.9	8.4	0.2	9.4	1.6	45.2	8.1	13.6	0.0	13.5	4.6	6.7	0.5	1.6	100.0	1,923	
Zimbabwe 2010–11	97.6	95.8	1.9	0.0	67.5	0.3	14.3	4.7	8.3	0.6	2.4	0.1	1.6	0.3	0.3	100.0	3,614	
Western Africa																		
Benin 2011–12	61.3	60.4	0.9	0.0	10.1	3.2	13.4	6.1	22.7	4.9	38.7	21.6	5.7	2.7	8.6	100.0	2,008	
Burkina Faso 2010	93.2	92.2	0.9	0.0	18.4	1.5	34.0	18.8	19.0	0.6	6.8	5.7	0.4	0.4	0.3	100.0	2,541	
Niger 2012	60.1	59.2	1.0	0.0	40.1	0.5	15.5	2.2	0.7	0.3	39.9	0.7	0.1	27.8	11.3	100.0	1,388	
Nigeria 2013	67.1	65.4	1.7	0.0	12.0	5.4	16.1	1.9	26.6	3.3	32.9	12.7	14.0	2.1	4.1	100.0	5,875	
Senegal 2010–11	91.0	89.3	1.7	0.0	30.4	4.5	39.0	8.9	6.2	0.3	9.0	2.6	1.6	1.2	3.6	100.0	1,427	
Northern Africa and Western Asia																		
Armenia 2010	48.2	47.7	0.4	0.0	2.8	17.4	0.0	0.0	26.5	1.0	51.8	4.4	44.6	1.4	1.4	100.0	1,990	
Azerbaijan 2006	25.7	24.9	0.8	0.0	2.2	17.9	0.0	0.0	4.3	0.4	74.3	7.9	63.6	2.2	0.6	100.0	2,694	
Egypt 2008	95.5	93.9	1.7	0.0	19.7	59.9	12.3	0.8	1.2	0.0	4.5	0.7	0.4	0.0	3.3	100.0	9,282	
Jordan 2012	67.0	63.4	3.6	0.0	13.3	34.8	1.5	0.5	12.9	0.3	33.0	5.8	23.4	2.2	1.6	100.0	6,607	
Morocco 2003–04	82.5	78.2	4.4	0.0	63.6	8.5	3.4	0.0	2.4	0.2	17.5	6.0	7.0	4.5	0.1	100.0	5,531	
Turkey 2003	59.8	51.7	7.9	0.1	6.9	29.1	0.5	0.0	14.3	1.0	40.2	1.5	37.4	0.9	0.5	100.0	2,818	
Eastern Europe and Central Asia																		
Kazakhstan 1999	82.3	78.4	3.9	0.0	4.6	61.5	0.9	0.0	8.5	2.9	17.7	7.0	4.4	0.0	6.2	100.0	2,219	
Kyrgyz Republic 2012	92.2	87.8	4.3	0.0	4.5	59.6	1.3	0.0	22.2	0.2	7.8	0.7	6.4	0.6	0.1	100.0	1,972	
Moldova 2005	63.5	56.8	6.6	0.0	5.6	35.4	0.1	0.0	13.4	2.4	36.5	5.1	28.4	1.7	1.3	100.0	3,635	
Tajikistan 2012	92.2	90.1	2.1	0.0	8.2	66.4	7.1	0.2	8.0	0.1	7.8	0.4	6.9	0.3	0.1	100.0	1,816	
Ukraine 2007	74.8	74.0	0.9	0.0	7.3	23.7	0.0	0.0	41.6	1.3	25.2	9.6	13.5	0.0	2.1	100.0	3,412	
Southern Asia																		
Bangladesh 2011	85.0	74.9	8.1	2.0	44.5	1.2	18.3	1.9	9.0	0.0	15.0	11.3	3.0	0.0	0.6	100.0	10,183	
India 2005–06	86.2	18.1	66.2	1.8	5.5	3.1	0.2	0.0	9.3	0.1	13.8	8.8	4.5	0.0	0.6	100.0	52,438	
Maldives 2009	77.7	47.4	29.0	1.3	13.4	2.4	3.5	1.4	26.7	0.0	22.3	9.9	12.2	0.0	0.3	100.0	2,258	
Nepal 2011	86.8	40.5	30.5	15.8	8.3	2.6	18.5	2.4	8.7	0.0	13.2	2.3	10.8	0.0	0.1	100.0	4,774	
Pakistan 2012–13	69.4	44.2	24.4	0.7	4.5	6.5	7.8	0.2	24.9	0.4	30.6	1.9	24.1	4.3	0.3	100.0	4,581	
Southeastern Asia																		
Cambodia 2010	69.0	64.2	4.7	0.1	30.4	6.1	20.6	0.9	5.4	0.8	31.0	7.7	23.2	0.0	0.1	100.0	5,876	
Indonesia 2012	93.5	88.0	5.2	0.3	21.9	6.3	51.6	5.4	2.8	0.0	6.5	2.1	3.7	0.1	0.6	100.0	20,704	
Philippines 2003	67.6	46.0	21.4	0.3	26.9	8.4	6.3	0.0	4.0	0.4	32.4	13.8	16.8	0.6	1.2	100.0	4,261	
Viet Nam 2002	72.2	64.0	7.6	0.6	8.0	48.1	0.5	0.0	7.4	0.0	27.8	9.5	18.2	0.0	0.1	100.0	4,192	
Latin America and the Caribbean																		
Bolivia 1994	38.9	29.1	9.7	0.1	6.4	17.3	1.7	0.1	3.4	0.3	61.1	49.3	3.7	0.0	8.1	100.0	2,558	
Brazil 1996	91.8	40.7	48.1	3.0	29.2	1.5	2.0	0.0	7.9	0.1	8.2	3.8	4.0	0.0	0.4	100.0	6,691	
Colombia 2010	92.4	51.3	37.7	3.4	11.1	9.0	13.3	4.6	13.2	0.1	7.6	2.7	4.4	0.2	0.4	100.0	28,262	
Dominican Republic 2002	93.3	30.2	62.9	0.2	19.4	3.5	3.0	0.7	3.5	0.0	6.7	3.2	2.7	0.5	1.2	100.0	11,059	
Guatemala 1998–99	81.1	35.4	43.6	2.0	13.4	5.6	10.2	0.0	6.1	0.1	18.9	14.7	3.9	0.0	0.4	100.0	1,542	
Honduras 2011–12	87.2	57.3	29.5	0.4	16.1	9.2	24.1	0.0	7.8	0.1	12.8	3.9	8.8	0.0	0.2	100.0	10,470	
Paraguay 1990	72.0	57.6	14.4	0.1	27.2	11.1	12.4	0.0	5.4	1.5	28.0	11.7	5.7	0.0	10.6	100.0	1,887	
Peru 2012	69.3	59.0	9.8	0.6	12.3	3.5	23.0	0.1	19.4	0.6	30.7	19.4	9.9	0.1	1.3	100.0	12,007	

*The diaphragm, female condom, foam/jelly/spermicides, (in Burkina Faso, Ethiopia, Honduras, Nigeria, Pakistan, the Philippines and Rwanda); emergency contraception (Peru and the Philippines); Fertility wheel calculator (Armenia); and Mucus/Billings/Basal body/Symptothermal method (the Philippines). †Sum of any modern method and any traditional method. Note: Denominator is women who are married and/or had sex in the past 3 months and are using contraception. In surveys that included only ever-married women (those indicated by "na" in Table 2), the denominator is married women using contraception.

TABLE 5. Twelve-month contraceptive failure rates by method, for each country's most recent survey with calendar data, 43 countries, 1990–2013

Subregion, country and survey year	Modern method failure rates, no. of failures per 100 episodes of use											Traditional method failure rates, no. of failures per 100 episodes of use									
	Pill	95% CI (-/+)		IUD	95% CI (-/+)		Injectables	95% CI (-/+)		Implants	95% CI (-/+)		Male condom	95% CI (-/+)		Periodic abstinence	95% CI (-/+)		Withdrawal	95% CI (-/+)	
Eastern Africa																					
Burundi 2010	11.8	5.9	17.6	(4.1)	0.0	10.4	2.2	0.9	3.5	*	*	*	(2.7)	0.0	6.7	(19.2)	11.0	27.5	(21.4)	9.0	33.8
Comoros 2012	(2.1)	0.0	5.0	*	*	*	(1.6)	0.0	4.1	*	*	*	*	*	*	(8.0)	0.0	16.0	*	*	*
Ethiopia 2005	4.4	1.8	7.0	*	*	*	0.3	0.0	0.7	*	*	*	(1.9)	0.0	4.6	(6.2)	0.0	12.5	*	*	*
Kenya 2003	5.8	3.7	7.8	*	*	*	1.1	0.4	1.8	*	*	*	6.5	1.8	11.2	17.3	13.5	21.1	*	*	*
Malawi 2004	9.3	5.1	13.4	*	*	*	1.7	0.9	2.5	*	*	*	5.1	1.3	9.0	*	*	*	12.4	9.1	15.8
Mozambique 2011	4.3	2.8	5.8	*	*	*	1.7	0.5	2.9	*	*	*	2.8	1.2	4.4	*	*	*	*	*	*
Rwanda 2010	5.3	3.4	7.2	*	*	*	1.4	0.9	1.9	0.3	0.0	1.0	5.9	2.4	9.5	13.7	9.0	18.3	15.1	10.0	20.2
Tanzania 2004–05	5.1	3.2	7.0	*	*	*	1.1	0.3	2.0	*	*	*	2.5	0.6	4.3	6.7	2.8	10.6	12.8	8.5	17.1
Uganda 2011	12.6	7.8	17.3	*	*	*	4.4	3.1	5.7	(0.8)	0.0	2.4	5.4	2.1	8.7	(10.4)	0.8	20.0	(25.4)	17.7	33.1
Zimbabwe 2010–11	2.8	2.1	3.6	*	*	*	1.7	0.6	2.9	(0.3)	0.0	0.9	2.3	0.9	3.7	*	*	*	*	*	*
Western Africa																					
Benin 2011–12	5.2	2.1	8.3	*	*	*	2.3	0.1	4.5	(3.7)	0.4	7.1	2.2	0.8	3.7	6.0	3.0	8.9	(10.8)	5.1	16.5
Burkina Faso 2010	2.1	0.9	3.3	*	*	*	0.3	0.0	0.6	0.0	*	*	1.8	0.0	3.8	(11.2)	4.9	17.5	*	*	*
Niger 2012	1.2	0.4	2.1	*	*	*	0.2	0.0	0.6	*	*	*	*	*	*	*	*	*	*	*	*
Nigeria 2013	5.9	4.0	7.7	1.0	0.0	2.4	1.9	0.9	2.9	*	*	*	2.1	1.3	3.0	6.9	4.4	9.4	7.7	5.5	10.0
Senegal 2010–11	7.7	3.9	11.6	*	*	*	1.4	0.4	2.4	(1.1)	0.0	3.3	(3.8)	0.0	7.7	*	*	*	*	*	*
Northern Africa and Western Asia																					
Armenia 2010	*	*	*	(0.0)	*	*	*	*	*	*	*	*	3.2	1.2	5.2	*	*	*	15.3	11.3	19.4
Azerbaijan 2006	*	*	*	0.9	0.0	1.9	*	*	*	*	*	*	(12.3)	4.3	20.3	(14.4)	6.4	22.4	19.6	16.2	22.9
Egypt 2008	7.9	6.5	9.2	1.0	0.6	1.3	1.1	0.5	1.8	(1.9)	0.0	4.8	(9.5)	3.0	16.0	*	*	*	*	*	*
Jordan 2012	8.0	6.3	9.8	1.6	0.8	2.4	2.8	0.0	6.2	*	*	*	13.8	10.8	16.8	22.9	16.1	29.7	15.3	12.6	17.9
Morocco 2003–04	5.2	4.5	5.9	1.4	0.3	2.5	1.5	0.1	3.0	*	*	*	(4.2)	1.0	7.3	22.8	18.5	27.0	11.2	8.0	14.5
Turkey 2003	7.8	4.6	11.0	1.6	0.7	2.5	(5.3)	0.8	9.8	*	*	*	7.6	5.6	9.6	(23.6)	14.1	33.1	15.9	13.9	18.0
Eastern Europe and Central Asia																					
Kazakhstan 1999	15.3	9.7	20.9	3.2	1.3	5.0	*	*	*	*	*	*	14.6	10.5	18.7	24.1	15.3	32.9	(24.8)	18.0	31.6
Kyrgyz Republic 2012	(12.9)	0.0	26.3	0.3	0.0	0.7	*	*	*	*	*	*	12.8	7.8	17.7	*	*	*	(7.0)	2.0	12.1
Moldova 2005	7.2	4.1	10.3	1.3	0.5	2.1	*	*	*	*	*	*	6.5	4.1	8.9	(13.2)	7.9	18.5	14.8	12.0	17.5
Tajikistan 2012	(6.2)	0.9	11.5	0.4	0.0	0.9	(0.0)	*	*	*	*	*	6.0	2.3	9.8	*	*	*	(7.1)	1.5	12.7
Ukraine 2007	2.6	0.7	4.5	0.5	0.0	1.4	*	*	*	*	*	*	3.3	2.0	4.6	9.3	5.5	13.0	9.3	6.2	12.4
Southern Asia																					
Bangladesh 2011	5.5	4.7	6.3	(1.8)	0.0	3.8	1.5	0.8	2.1	(1.2)	0.0	3.4	10.1	7.9	12.4	5.8	4.2	7.4	9.2	5.3	13.1
India 2005–06	3.6	2.7	4.4	1.0	0.4	1.7	(6.1)	1.1	11.1	*	*	*	4.6	3.7	5.5	8.9	7.5	10.2	8.4	6.5	10.2
Maldives 2009	3.6	0.0	7.1	*	*	*	(0.3)	0.0	1.0	*	*	*	5.4	3.4	7.4	(3.9)	0.4	7.3	7.3	3.9	10.6
Nepal 2011	6.0	3.5	8.5	*	*	*	0.8	0.3	1.4	*	*	*	7.2	4.2	10.2	*	*	*	10.7	7.2	14.2
Pakistan 2012–13	10.0	5.2	14.9	1.6	0.0	3.4	2.7	1.0	4.4	*	*	*	8.9	6.8	11.1	*	*	*	10.1	7.5	12.7
Southeastern Asia																					
Cambodia 2010	2.6	1.6	3.6	0.3	0.0	1.0	1.8	0.7	2.9	*	*	*	4.2	0.7	7.6	3.9	1.4	6.3	8.1	5.7	10.5
Indonesia 2012	4.2	3.2	5.2	0.2	0.0	0.4	0.5	0.3	0.7	0.2	0.0	0.4	2.3	0.7	4.0	4.9	2.5	7.4	6.0	2.9	9.2
Philippines 2003	4.8	3.6	6.0	0.6	0.0	1.5	1.9	0.5	3.2	*	*	*	10.9	6.6	15.2	14.1	11.0	17.2	20.4	17.5	23.2
Viet Nam 2002	7.1	4.0	10.2	2.1	1.0	3.3	*	*	*	*	*	*	9.8	5.8	13.8	16.5	11.3	21.7	15.0	12.0	18.0
Latin America and the Caribbean																					
Bolivia 1994	7.4	4.3	10.5	1.7	0.2	3.2	(8.3)	0.7	15.9	*	*	*	(9.5)	2.9	16.2	22.2	19.8	24.5	21.2	14.0	28.4
Brazil 1996	6.5	5.3	7.6	*	*	*	8.0	3.5	12.4	*	*	*	8.1	5.7	10.4	23.7	18.7	28.7	24.0	18.8	29.3
Colombia 2010	6.4	5.5	7.3	3.0	2.1	4.0	5.0	4.2	5.7	0.2	0.0	0.5	5.5	4.6	6.3	20.2	17.2	23.1	15.0	13.0	16.9
Dominican Republic 2002	9.4	8.3	10.6	2.3	1.0	3.7	8.2	4.5	11.9	*	*	*	4.8	2.2	7.4	23.0	18.3	27.6	19.9	15.0	24.8
Guatemala 1998–99	3.3	0.3	6.2	*	*	*	5.0	0.4	9.7	*	*	*	(3.7)	0.0	8.1	20.4	10.3	30.5	*	*	*
Honduras 2011–12	4.4	3.3	5.4	3.0	1.7	4.4	2.1	1.6	2.6	*	*	*	2.7	1.7	3.8	12.3	9.4	15.3	11.9	9.8	14.0
Paraguay 1990	4.6	2.7	6.4	(2.4)	0.0	4.8	13.6	9.3	17.8	*	*	*	8.9	3.3	14.4	23.9	18.3	29.5	(13.3)	6.4	20.3
Peru 2012	4.2	3.2	5.2	0.2	0.0	0.7	1.3	0.8	1.7	*	*	*	9.0	7.6	10.5	18.8	16.9	20.6	18.7	16.0	21.4
Summary statistics																					
Averages	6.15	na	na	1.46	na	na	2.81	na	na	0.98	na	na	6.21	na	na	14.32	na	na	14.10	na	na
Medians†	5.50	3.5	7.3	1.37	0.0	2.4	1.71	0.6	2.9	0.57	0.0	2.4	5.40	2.3	8.7	13.89	9.2	19.2	13.35	9.1	17.1
Minimum	1.2	na	na	0.0	na	na	0.0	na	na	0.0	na	na	1.8	na	na	3.9	na	na	6.0	na	na
Maximum	15.3	na	na	4.1	na	na	13.6	na	na	3.7	na	na	14.6	na	na	24.1	na	na	25.4	na	na

*Not reported because there were fewer than 125 episodes of use for that method. †Median CIs are calculated as a median of all CIs. Notes : CI=confidence interval. na=not applicable. Failure rates were calculated with the single-decrement approach. Values in parentheses indicate calculations were based on 125–249 episodes of use for that method.

TABLE 6. Twelve-, 24- and 36-month contraceptive failure rates, by method, for each country's most recent survey with calendar data, 43 countries, 1990–2013

Subregion, country and survey year	Modern method failure rates, no. of failures per 100 episodes of use												Traditional method failure rates, no. of failures per 100 episodes of use								
	Pill			IUD			Injectables			Implants			Male condom			Periodic abstinence			Withdrawal		
	12 month	24 month	36 month	12 month	24 month	36 month	12 month	24 month	36 month	12 month	24 month	36 month	12 month	24 month	36 month	12 month	24 month	36 month	12 month	24 month	36 month
Eastern Africa																					
Burundi 2010	11.8	26.3	48.3	(4.1)	(8.9)	(8.9)	2.2	4.1	6.8	*	*	*	(2.7)	(2.7)	(9.2)	(19.2)	(27.3)	(32.3)	(21.4)	(39.1)	(51.3)
Comoros 2012	(2.1)	(11.6)	(18.5)	*	*	*	(1.6)	(5.0)	(7.0)	*	*	*	*	*	*	(8.0)	(8.4)	(9.7)	*	*	*
Ethiopia 2005	4.4	9.4	14.8	*	*	*	0.3	1.4	3.2	*	*	*	(1.9)	(13.3)	(23.8)	(6.2)	(19.9)	(22.7)	*	*	*
Kenya 2003	5.8	11.9	15.5	*	*	*	1.1	2.7	5.5	*	*	*	6.5	13.7	24.3	17.3	36.2	48.1	*	*	*
Malawi 2004	9.3	14.9	16.7	*	*	*	1.7	4.7	7.8	*	*	*	5.1	16.7	26.6	*	*	*	12.4	40.1	51.8
Mozambique 2011	4.3	7.6	14.9	*	*	*	1.7	1.7	3.5	*	*	*	2.8	5.3	6.8	*	*	*	*	*	*
Rwanda 2010	5.3	13.1	19.2	*	*	*	1.4	3.1	5.1	0.3	0.3	0.3	5.9	10.3	11.8	13.7	24.2	32.5	15.1	27.4	33.9
Tanzania 2004–05	5.1	9.8	13.4	*	*	*	1.1	2.0	4.1	*	*	*	2.5	8.0	13.3	6.7	22.8	31.5	12.8	33.0	51.9
Uganda 2011	12.6	18.2	20.7	*	*	*	4.4	8.3	9.5	(0.8)	(1.2)	(6.4)	5.4	14.0	16.4	(10.4)	(20.4)	(24.9)	(25.4)	(39.9)	(42.8)
Zimbabwe 2010–11	2.8	8.1	12.5	*	*	*	1.7	3.1	5.1	(0.3)	(0.3)	(0.3)	2.3	5.1	6.6	*	*	*	*	*	*
Western Africa																					
Benin 2011–12	5.2	6.1	9.6	*	*	*	2.3	4.1	4.1	(3.7)	(3.7)	(5.8)	2.2	3.0	5.6	6.0	10.3	13.0	(10.8)	(18.4)	(19.5)
Burkina Faso 2010	2.1	4.0	7.2	*	*	*	0.3	0.9	0.9	0.0	0.0	0.0	1.8	3.1	4.0	(11.2)	(20.2)	(21.7)	*	*	*
Niger 2012	1.2	4.6	6.8	*	*	*	0.2	1.8	1.8	*	*	*	*	*	*	*	*	*	*	*	*
Nigeria 2013	5.9	9.6	15.1	1.0	1.0	1.0	1.9	5.5	7.9	*	*	*	2.1	4.8	6.3	6.9	12.4	15.4	7.7	20.3	27.2
Senegal 2010–11	7.7	11.6	14.0	*	*	*	1.4	1.4	1.8	(1.1)	(1.1)	(1.1)	(3.8)	(18.0)	(18.0)	*	*	*	*	*	*
Northern Africa and Western Asia																					
Armenia 2010	*	*	*	(0.0)	(0.0)	(0.8)	*	*	*	*	*	*	3.2	8.1	11.6	*	*	*	15.3	30.0	36.6
Azerbaijan 2006	*	*	*	0.9	1.3	1.5	*	*	*	*	*	*	(12.3)	(17.8)	(35.9)	(14.4)	(35.6)	(41.5)	19.6	34.9	43.7
Egypt 2008	7.9	15.0	19.1	1.0	2.4	3.5	1.1	1.8	2.4	(1.9)	(3.0)	(3.0)	(9.5)	(16.1)	(16.1)	*	*	*	*	*	*
Jordan 2012	8.0	16.9	22.3	1.6	3.3	4.6	2.8	6.2	6.2	*	*	*	13.8	24.3	39.3	22.9	30.0	34.7	15.3	26.9	37.2
Morocco 2003–04	5.2	11.3	15.5	1.4	1.8	1.8	1.5	2.3	2.3	*	*	*	(4.2)	(12.8)	(14.3)	22.8	36.5	45.1	11.2	19.6	32.3
Turkey 2003	7.8	13.2	15.8	1.6	2.3	2.4	(5.3)	(7.7)	(32.0)	*	*	*	7.6	15.4	20.5	(23.6)	(30.7)	(33.5)	15.9	28.7	36.2
Eastern Europe and Central Asia																					
Kazakhstan 1999	15.3	24.4	26.9	3.2	5.6	6.1	*	*	*	*	*	*	14.6	27.0	41.2	24.1	39.3	48.1	(24.8)	(40.1)	(40.1)
Kyrgyz Republic 2012	(12.9)	(18.6)	(20.5)	0.3	1.9	3.4	*	*	*	*	*	*	12.8	23.0	29.1	*	*	*	(7.0)	(23.2)	(34.9)
Moldova 2005	7.2	15.2	19.8	1.3	2.6	4.0	*	*	*	*	*	*	6.5	13.2	20.4	(13.2)	(24.2)	(32.1)	14.8	29.7	39.7
Tajikistan 2012	(6.2)	(9.8)	(13.2)	0.4	1.3	1.7	(0.0)	(0.4)	(5.6)	*	*	*	6.0	12.5	13.1	*	*	*	(7.1)	(15.2)	(24.2)
Ukraine 2007	2.6	4.2	4.9	0.5	1.1	1.1	*	*	*	*	*	*	3.3	5.2	8.1	9.3	14.7	19.0	9.3	15.6	23.9
Southern Asia																					
Bangladesh 2011	5.5	10.4	15.7	(1.8)	(1.8)	(1.8)	1.5	3.1	4.2	(1.2)	(1.2)	(1.2)	10.1	17.8	22.2	5.8	15.4	21.1	9.2	19.9	25.7
India 2005–06	3.6	5.9	8.4	1.0	1.7	1.9	(6.1)	(10.8)	(10.8)	*	*	*	4.6	7.7	9.7	8.9	18.4	24.9	8.4	14.8	22.4
Maldives 2009	3.6	7.2	10.7	*	*	*	(0.3)	(0.3)	(0.3)	*	*	*	5.4	10.9	15.3	(3.9)	(9.5)	(11.2)	7.3	14.9	19.4
Nepal 2011	6.0	10.9	16.4	*	*	*	0.8	1.6	2.0	*	*	*	7.2	14.8	19.8	*	*	*	10.7	16.7	25.0
Pakistan 2012–13	10.0	14.7	24.3	1.6	2.2	5.2	2.7	7.2	11.3	*	*	*	8.9	16.4	22.6	*	*	*	10.1	17.0	24.6
Southeastern Asia																					
Cambodia 2010	2.6	4.1	6.7	0.3	0.3	0.3	1.8	3.2	4.9	*	*	*	4.2	14.7	16.0	3.9	10.6	19.9	8.1	17.0	23.2
Indonesia 2012	4.2	7.1	9.9	0.2	0.7	1.7	0.5	1.4	2.7	0.2	0.9	1.1	2.3	4.2	9.9	4.9	13.3	23.3	6.0	14.0	21.8
Philippines 2003	4.8	9.0	12.0	0.6	0.6	0.6	1.9	4.2	5.4	*	*	*	10.9	17.3	27.4	14.1	28.3	34.6	20.4	38.7	47.5
Viet Nam 2002	7.1	12.4	16.5	2.1	4.1	5.2	*	*	*	*	*	*	9.8	17.1	19.6	16.5	27.9	39.9	15.0	28.3	38.1
Latin America and the Caribbean																					
Bolivia 1994	7.4	15.8	21.9	1.7	1.9	1.9	(8.3)	(15.0)	(15.0)	*	*	*	(9.5)	(9.5)	(15.9)	22.2	41.3	48.3	21.2	39.6	50.4
Brazil 1996	6.5	12.1	15.7	*	*	*	8.0	10.8	19.3	*	*	*	8.1	15.2	21.0	23.7	35.6	43.4	24.0	41.9	51.0
Colombia 2010	6.4	10.8	14.2	3.0	5.1	6.6	5.0	9.5	13.1	0.2	0.2	0.2	5.5	10.0	13.2	20.2	30.0	37.3	15.0	30.0	36.5
Dominican Republic 2002	9.4	18.7	23.9	2.3	3.7	3.7	8.2	10.9	15.0	*	*	*	4.8	7.6	13.1	23.0	38.0	50.8	19.9	35.0	43.8
Guatemala 1998–99	3.3	5.0	7.5	*	*	*	5.0	5.3	8.0	*	*	*	(3.7)	(13.3)	(13.9)	20.4	33.9	46.6	*	*	*
Honduras 2011–12	4.4	7.1	9.1	3.0	5.5	6.5	2.1	4.5	6.0	*	*	*	2.7	5.4	10.0	12.3	18.2	25.1	11.9	22.0	26.8
Paraguay 1990	4.6	8.7	13.3	(2.4)	(4.3)	(5.9)	13.6	17.0	21.2	*	*	*	8.9	13.3	22.0	23.9	44.7	48.5	(13.3)	(21.4)	(32.3)
Peru 2012	4.2	6.8	9.2	0.2	1.4	1.7	1.3	2.3	3.6	*	*	*	9.0	13.5	18.3	18.8	28.3	34.9	18.7	29.9	35.7
Summary statistics																					
Averages	6.15	11.27	15.63	1.46	2.56	3.23	2.81	4.87	7.39	0.98	1.19	1.94	6.21	12.25	17.37	14.32	25.21	31.73	14.10	26.77	34.89
Medians	5.50	10.78	15.11	1.37	1.88	2.14	1.71	3.61	5.47	0.57	1.01	1.12	5.40	13.30	15.95	13.89	25.78	32.38	13.35	27.37	35.67
Minimum	1.2	4.0	4.9	0.0	0.0	0.3	0.0	0.3	0.3	0.0	0.0	0.0	1.8	2.7	4.0	3.9	8.4	9.7	6.0	14.0	19.4
Maximum	15.3	26.3	48.3	4.1	8.9	8.9	13.6	17.0	32.0	3.7	3.7	6.4	14.6	27.0	41.2	24.1	44.7	50.8	25.4	41.9	51.9

*Not reported because there were fewer than 125 episodes of use for that method. Notes: Failure rates were calculated with the single-decrement approach. Values in parentheses indicate calculations were based on 125–249 episodes of use for that method.

TABLE 7. Contraceptive failure rates by method, median across 43 countries, for each country's most recent DHS survey with calendar data, 43 countries, 1990–2013

Method	Median failure rate* during:			Differences in rates:		
	First year of use (12 months)	Second year of use (24 months)	Third year of use (36 months)	24 vs. 12 mos.	36 vs. 24 mos.	36 vs. 12 mos.
Implants	0.6	1.0	1.1	0.4	0.1	0.5
IUD	1.4	1.9	2.1	0.5	0.2	0.7
Injectables	1.7	3.6	5.5	1.9	1.9	3.8
Pill	5.5	10.8	15.1	5.3	4.3	9.6
Male condom	5.4	13.3	16.0	7.9	2.7	10.6
Withdrawal	13.4	27.4	35.7	14.0	8.3	22.3
Periodic abstinence	13.9	25.8	32.4	11.9	6.6	18.5

*Number of failures per 100 episodes of use.

TABLE 8. Twelve-, 24- and 36-month contraceptive failure rates, all countries and by subregion, pooled estimates, 43 countries, 1990–2013

Method	Period	All-country pooled estimate			Subregion											
					Eastern Africa			Western Africa			Northern Africa and Western Asia			Eastern Europe and Central Asia		
		Failure rate†	95% CI (-/+)		Failure rate†	95% CI (-/+)		Failure rate†	95% CI (-/+)		Failure rate†	95% CI (-/+)		Failure rate†	95% CI (-/+)	
Pill	12 month	5.7	5.4	6.0	4.7	4.1	5.4	3.6	2.6	4.6	7.0	6.3	7.7	8.5	6.2	10.8
	24 month	11.0	10.5	11.5	10.3	9.2	11.3	6.6	5.2	8.0	13.9	12.6	15.3	13.8	10.5	17.1
	36 month	15.1	14.4	15.7	14.8	13.4	16.1	9.7	7.5	11.9	18.4	16.7	20.0	16.2	12.6	19.8
IUD	12 month	1.5	1.2	1.8	1.2	0.0	2.9	0.9	0.0	2.0	1.2	0.9	1.6	1.6	0.9	2.3
	24 month	3.0	2.5	3.4	4.3	1.1	7.6	0.9	0.0	2.0	2.4	1.9	2.9	3.1	2.2	4.0
	36 month	3.9	3.4	4.4	7.9	2.3	13.6	2.7	0.0	6.5	3.2	2.4	4.0	3.9	2.9	4.8
Implants	12 month	0.6	0.3	0.9	0.6	0.0	1.1	0.9	0.2	1.7	(1.3)	0.0	3.4	‡	‡	‡
	24 month	0.8	0.4	1.1	0.6	0.1	1.2	0.9	0.2	1.7	(2.1)	0.0	4.7	‡	‡	‡
	36 month	1.1	0.5	1.6	1.2	0.0	2.3	1.2	0.3	2.1	(2.1)	0.0	4.7	‡	‡	‡
Injectables	12 month	2.3	2.0	2.5	1.9	1.5	2.2	1.0	0.6	1.4	1.8	1.0	2.6	3.0	0.2	5.8
	24 month	4.1	3.8	4.4	4.0	3.4	4.6	2.2	1.5	2.9	2.9	1.7	4.0	3.3	0.4	6.1
	36 month	6.0	5.5	6.5	6.2	5.2	7.2	2.8	1.9	3.8	4.0	2.2	5.8	9.5	1.5	17.4
Male condom	12 month	6.8	6.3	7.3	3.5	2.6	4.4	2.2	1.5	3.0	8.7	7.3	10.2	7.2	5.9	8.6
	24 month	12.6	11.8	13.4	8.5	6.6	10.3	4.8	3.1	6.5	16.4	14.1	18.7	12.7	10.8	14.6
	36 month	17.6	16.4	18.8	11.9	9.1	14.7	6.2	4.3	8.2	24.1	20.0	28.1	17.7	15.1	20.2
Periodic abstinence	12 month	16.4	15.5	17.3	13.0	10.9	15.2	8.1	5.8	10.3	20.3	17.1	23.5	16.0	11.8	20.2
	24 month	28.9	27.6	30.2	26.5	23.0	29.9	13.7	10.5	16.9	33.4	28.9	37.8	26.0	20.4	31.6
	36 month	36.3	34.7	37.8	34.6	30.4	38.9	17.5	13.6	21.5	40.9	35.9	45.9	32.3	26.1	38.5
Withdrawal	12 month	14.9	14.1	15.6	14.6	12.3	16.8	7.8	5.8	9.9	16.4	15.0	17.7	13.6	11.7	15.5
	24 month	27.5	26.5	28.5	32.6	28.8	36.3	19.4	15.2	23.7	29.7	27.9	31.4	25.8	22.8	28.8
	36 month	35.7	34.5	37.0	41.0	36.1	45.9	24.1	19.4	28.8	38.0	35.9	40.1	34.4	31.0	37.9

TABLE 8. Twelve-, 24- and 36-month contraceptive failure rates, all countries and by subregion, pooled estimates, 43 countries, 1990–2013

Method	Period	Subregion									Among the 69 poorest countries according to FP2020*					
		Southern Asia			Southeastern Asia			Latin America and the Caribbean			Yes			No		
		Failure rate†	95% CI (-/+)		Failure rate†	95% CI (-/+)		Failure rate†	95% CI (-/+)		Failure rate†	95% CI (-/+)		Failure rate†	95% CI (-/+)	
Pill	12 month	5.5	4.7	6.3	4.5	3.7	5.3	6.2	5.6	6.7	5.1	4.7	5.4	6.6	6.1	7.1
	24 month	10.1	9.0	11.2	7.9	6.6	9.1	11.5	10.6	12.3	9.8	9.2	10.4	12.6	11.7	13.4
	36 month	15.2	13.7	16.8	10.9	9.2	12.5	15.2	13.9	16.4	14.0	13.2	14.7	16.6	15.5	17.7
IUD	12 month	1.2	0.3	2.0	1.8	0.8	2.8	2.2	1.6	2.8	1.2	0.9	1.5	1.8	1.3	2.3
	24 month	1.6	0.6	2.6	3.4	2.2	4.6	4.4	3.1	5.6	2.6	2.1	3.1	3.3	2.6	3.9
	36 month	3.2	1.1	5.2	4.4	3.1	5.7	5.3	3.9	6.7	3.8	3.2	4.4	4.0	3.2	4.8
Implants	12 month	0.5	0.0	1.4	0.7	0.0	1.4	0.2	0.0	0.4	0.7	0.4	1.1	0.1	0.0	0.3
	24 month	0.5	0.0	1.4	1.3	0.1	2.6	0.2	0.0	0.4	0.9	0.5	1.3	0.1	0.0	0.3
	36 month	0.5	0.0	1.4	1.5	0.3	2.8	0.2	0.0	0.4	1.2	0.6	1.8	0.1	0.0	0.3
Injectables	12 month	1.4	1.0	1.8	0.9	0.6	1.2	4.2	3.5	4.8	1.6	1.4	1.8	4.6	3.9	5.4
	24 month	3.1	2.3	3.9	2.0	1.5	2.5	6.6	5.8	7.3	3.4	3.1	3.8	6.9	5.9	7.8
	36 month	4.3	3.1	5.5	3.4	2.6	4.2	8.9	7.8	10.0	5.2	4.6	5.7	9.5	8.1	10.9
Male condom	12 month	7.4	6.4	8.5	8.3	5.9	10.8	6.7	6.0	7.4	6.3	5.5	7.0	7.2	6.5	7.8
	24 month	13.9	12.1	15.7	15.4	11.5	19.3	11.5	10.1	12.9	12.1	11.0	13.3	12.9	11.8	14.0
	36 month	18.7	16.3	21.1	19.1	14.8	23.5	16.1	14.2	18.0	16.1	14.6	17.6	18.6	16.9	20.4
Periodic abstinence	12 month	6.1	5.0	7.1	13.3	10.6	16.0	20.9	19.4	22.4	14.1	13.1	15.2	19.1	17.5	20.7
	24 month	14.2	12.2	16.2	24.8	20.9	28.6	35.8	33.7	37.9	27.0	25.4	28.6	31.2	29.0	33.4
	36 month	19.2	16.7	21.7	34.4	29.1	39.8	43.3	40.9	45.7	34.5	32.5	36.5	38.3	35.9	40.8
Withdrawal	12 month	9.4	7.9	11.0	14.2	12.6	15.9	17.1	15.7	18.6	12.7	11.8	13.6	16.1	15.1	17.1
	24 month	16.6	14.3	18.9	27.2	24.8	29.7	29.4	27.4	31.5	25.2	23.8	26.6	28.8	27.5	30.2
	36 month	23.4	20.3	26.5	35.8	32.7	38.9	37.4	34.4	40.4	33.2	31.3	35.0	37.1	35.5	38.7

*The Family Planning 2020 (FP2020) initiative launched out of the London Summit of Family Planning in 2012 identified 69 priority countries, defined as having a per capita gross national income less than or equal to US\$2,500 in 2010. Of the 43 countries in this study, 27 countries are included in this category and 15 countries that are not. Specifically, gross national income is ≤US\$2,500 in Bangladesh, Benin, Bolivia, Burkina Faso, Burundi, Cambodia, Comoros, Egypt, Ethiopia, Honduras, India, Indonesia, Kenya, Kyrgyz Republic, Malawi, Mozambique, Nepal, Niger, Nigeria, Pakistan, Philippines, Rwanda, Senegal, Tajikistan, Tanzania, Uganda, Viet Nam and Zimbabwe. Gross national income is >US\$2,500 in Armenia, Azerbaijan, Brazil, Colombia, Dominican Republic, Guatemala, Jordan, Kazakhstan, Maldives, Moldova, Morocco, Paraguay, Peru, Turkey and Ukraine. †Number of failures per 100 episodes of use. ‡Not reported because there were fewer than 125 episodes of use for that method. Notes : Failure rates were calculated with the single-decrement approach. Values in parentheses indicate calculations were based on 125–249 episodes of use for that method.

TABLE 9. Twelve-month failure rates by method, according to demographic and socioeconomic characteristics, for subregions (countries pooled by subregion), 43 countries, 1990–2013

Method and characteristic*	Subregion														
	All countries			Eastern Africa			Western Africa			Northern Africa and Western Asia			Eastern Europe and Central Asia		
	Failure rate†	95% CI (-/+)		Failure rate†	95% CI (-/+)		Failure rate†	95% CI (-/+)		Failure rate†	95% CI (-/+)		Failure rate†	95% CI (-/+)	
Pill															
Age															
<25	8.3	7.7	8.9	6.8	5.5	8.1	3.2	1.6	4.8	11.4	9.6	13.3	8.8	4.9	12.8
≥25	4.4	4.0	4.7	3.7	3.0	4.4	3.7	2.6	4.9	5.6	4.8	6.3	8.3	5.5	11.1
Marital status															
Never married	6.3	5.0	7.6	9.1	4.3	14.0	1.9	0.4	3.5	‡	‡	‡	(3.7)	0.0	7.4
Ever married	5.7	5.4	6.0	4.5	3.9	5.1	3.7	2.6	4.7	7.0	6.3	7.7	9.1	6.5	11.7
Parity															
0–2 children	6.2	5.8	6.6	5.3	4.4	6.1	3.8	2.2	5.5	7.7	6.6	8.8	8.0	5.6	10.3
≥3 children	5.0	4.5	5.5	4.1	3.2	5.0	3.4	2.2	4.6	6.3	5.3	7.3	11.0	4.9	17.0
Contraceptive intention															
For spacing	6.0	5.6	6.4	4.7	4.0	5.5	3.5	2.4	4.6	7.5	6.5	8.5	9.5	5.7	13.3
For limiting	5.4	4.9	5.8	4.8	3.7	5.9	4.1	1.7	6.5	6.5	5.4	7.6	7.5	4.8	10.2
Wealth															
Lower three quintiles	6.5	6.1	6.9	4.6	3.7	5.4	4.1	2.7	5.4	8.2	7.3	9.2	7.8	4.1	11.4
Upper two quintiles	4.9	4.4	5.3	4.9	4.0	5.8	3.4	2.1	4.6	5.2	4.1	6.2	9.0	6.0	12.0
Residence															
Urban	5.9	5.5	6.3	4.6	3.7	5.6	3.7	2.2	5.2	6.6	5.6	7.6	7.6	5.2	9.9
Rural	5.5	5.1	5.9	4.8	4.0	5.6	3.4	2.3	4.5	7.6	6.7	8.6	10.4	5.4	15.5
Education															
Completed primary or less	5.6	5.2	6.0	5.0	4.2	5.9	3.2	2.2	4.2	6.6	5.7	7.6	‡	‡	‡
Secondary or more	5.9	5.5	6.3	4.4	3.5	5.3	4.6	2.2	6.9	7.4	6.3	8.5	8.5	6.2	10.9
IUD															
Age															
<25	3.2	2.4	4.1	‡	‡	‡	‡	‡	‡	2.4	1.3	3.5	4.0	1.6	6.4
≥25	1.1	0.9	1.4	0.5	0.0	1.1	1.0	0.0	2.3	1.0	0.7	1.3	1.1	0.5	1.7
Marital status															
Never married	6.1	0.0	12.4	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡
Ever married	1.5	1.2	1.8	1.3	0.0	2.9	0.9	0.0	2.1	1.2	0.9	1.6	1.5	0.8	2.2
Parity															
0–2 children	1.9	1.5	2.4	(2.7)	0.0	6.4	‡	‡	‡	1.6	1.1	2.1	2.0	1.0	3.0
≥3 children	0.9	0.6	1.2	(0.1)	0.0	0.2	1.1	0.0	2.7	0.9	0.5	1.3	0.8	0.2	1.4
Contraceptive intention															
For spacing	1.8	1.3	2.3	1.4	0.0	4.1	(0.2)	0.0	0.4	1.4	0.9	1.9	1.9	0.6	3.1
For limiting	1.3	1.0	1.6	(1.0)	0.0	2.4	(1.6)	0.0	4.0	1.1	0.7	1.6	1.2	0.5	1.9
Wealth															
Lower three quintiles	1.4	1.1	1.8	‡	‡	‡	‡	‡	‡	1.3	0.9	1.8	1.2	0.5	1.9
Upper two quintiles	1.6	1.1	2.1	0.6	0.0	1.4	0.8	0.0	2.1	1.1	0.6	1.6	2.0	0.7	3.3
Residence															
Urban	1.8	1.4	2.3	(0.9)	0.0	2.2	1.1	0.0	2.7	1.4	0.9	1.8	2.5	1.1	3.9
Rural	1.2	0.8	1.5	(1.6)	0.0	4.6	(0.2)	0.0	0.5	1.0	0.6	1.4	0.8	0.3	1.2
Education															
Completed primary or less	1.5	0.9	2.1	(1.7)	0.0	5.0	(0.9)	0.0	2.7	1.4	0.7	2.0	‡	‡	-
Secondary or more	1.5	1.2	1.9	(0.9)	0.0	2.0	(0.8)	0.0	2.0	1.2	0.8	1.6	1.6	0.9	2.3
Injectables															
Age															
<25	3.5	3.1	4.0	3.1	2.3	3.9	1.5	0.3	2.6	1.8	0.1	3.6	‡	‡	‡
≥25	1.6	1.4	1.9	1.3	1.0	1.7	0.9	0.5	1.3	1.8	0.9	2.7	3.3	0.2	6.4
Marital status															
Never married	3.6	2.6	4.6	2.4	0.7	4.1	(0.0)	0.0	0.0	‡	‡	‡	‡	‡	‡
Ever married	2.2	1.9	2.4	1.8	1.5	2.2	1.0	0.6	1.4	1.8	1.0	2.6	3.1	0.2	5.9
Parity															
0–2 children	2.8	2.4	3.1	2.6	2.0	3.2	1.0	0.2	1.9	2.0	0.6	3.3	‡	‡	‡
≥3 children	1.7	1.4	2.0	1.4	1.0	1.8	1.0	0.5	1.4	1.7	0.8	2.7	(2.2)	0.0	4.8
Contraceptive intention															
For spacing	2.6	2.2	2.9	2.2	1.7	2.7	1.0	0.5	1.5	1.6	0.4	2.8	‡	‡	‡
For limiting	1.8	1.5	2.1	1.4	0.9	1.8	1.0	0.4	1.7	1.9	0.9	3.0	(0.8)	0.0	2.3
Wealth															
Lower three quintiles	2.2	1.9	2.5	2.2	1.7	2.7	1.0	0.5	1.6	1.7	0.8	2.6	(3.7)	0.0	7.5
Upper two quintiles	2.3	1.9	2.7	1.6	1.1	2.0	1.0	0.4	1.5	2.1	0.3	3.9	‡	‡	‡
Residence															
Urban	3.0	2.6	3.5	1.8	1.0	2.5	1.4	0.6	2.1	2.7	1.0	4.3	‡	‡	‡
Rural	1.8	1.5	2.0	1.9	1.5	2.3	0.7	0.3	1.1	1.2	0.6	1.8	(2.9)	0.0	6.3
Education															
Completed primary or less	2.0	1.7	2.3	1.9	1.6	2.3	0.9	0.5	1.3	1.3	0.6	1.9	‡	‡	‡
Secondary or more	2.7	2.3	3.1	1.7	1.0	2.4	1.4	0.2	2.5	2.6	0.9	4.3	3.2	0.2	6.1
Implants															
Age															
<25	0.6	0.0	1.3	(1.5)	0.0	3.8	(0.0)	0.0	0.0	‡	‡	‡	‡	‡	‡
≥25	0.6	0.3	1.0	0.4	0.0	0.8	1.1	0.2	2.0	(1.3)	0.0	3.5	‡	‡	‡
Marital status															
Never married	0.6	0.0	1.7	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡
Ever married	0.6	0.3	0.9	0.6	0.0	1.1	0.8	0.1	1.5	(1.3)	0.0	3.4	‡	‡	‡
Parity															
0–2 children	0.7	0.1	1.2	1.1	0.0	2.5	0.3	0.0	0.8	‡	‡	‡	‡	‡	‡
≥3 children	0.6	0.2	1.0	0.3	0.0	0.7	1.2	0.2	2.3	(1.3)	0.0	3.8	‡	‡	‡
Contraceptive intention															
For spacing	0.9	0.3	1.4	1.0	0.0	2.1	1.0	0.1	1.9	‡	‡	‡	‡	‡	‡
For limiting	0.4	0.1	0.7	0.1	0.0	0.3	0.8	0.0	2.0	‡	‡	‡	‡	‡	‡
Wealth															
Lower three quintiles	0.6	0.2	1.0	0.1	0.0	0.4	1.8	0.0	3.6	(1.6)	0.0	4.3	‡	‡	‡
Upper two quintiles	0.6	0.2	1.1	0.9	0.0	1.8	0.5	0.0	1.1	‡	‡	‡	‡	‡	‡
Residence															
Urban	0.4	0.0	0.7	0.7	0.0	1.6	0.7	0.0	1.6	‡	‡	‡	‡	‡	‡
Rural	0.8	0.3	1.3	0.5	0.0	1.2	1.2	0.0	2.4	‡	‡	‡	‡	‡	‡
Education															
Completed primary or less	0.5	0.2	0.9	0.1	0.0	0.2	1.1	0.2	2.0	‡	‡	‡	‡	‡	‡
Secondary or more	0.7	0.2	1.3	1.3	0.0	2.7	(0.4)	0.0	1.2	(1.7)	0.0	5.2	‡	‡	‡

TABLE 9. Twelve-month failure rates by method, according to demographic and socioeconomic characteristics, for subregions (countries pooled by subregion), 43 countries, 1990–2013 (Continued)

Method and characteristic*	Subregion									Among the 69 poorest countries according to FP2020					
	Southern Asia			Southeastern Asia			Latin America and the Caribbean			Yes			No		
	Failure rate†	95% CI (-/+)		Failure rate†	95% CI (-/+)		Failure rate†	95% CI (-/+)		Failure rate†	95% CI (-/+)		Failure rate†	95% CI (-/+)	
Pill															
Age															
<25	7.1	5.9	8.2	8.1	6.0	10.2	9.2	8.3	10.1	7.1	6.4	7.8	9.9	8.9	10.8
≥25	4.2	3.2	5.2	3.4	2.6	4.2	3.8	3.2	4.4	4.0	3.6	4.4	4.9	4.3	5.4
Marital status															
Never married	(22.7)	3.2	42.2	‡	‡	‡	5.5	4.3	6.8	8.0	5.0	11.1	5.4	4.2	6.7
Ever married	5.4	4.7	6.2	4.4	3.6	5.1	6.2	5.7	6.8	5.0	4.6	5.3	6.7	6.2	7.2
Parity															
0–2 children	6.1	5.1	7.1	5.1	4.1	6.1	6.2	5.7	6.8	5.7	5.2	6.2	6.7	6.1	7.3
≥3 children	4.4	3.3	5.4	3.4	2.2	4.6	5.9	4.8	7.0	4.2	3.7	4.8	6.3	5.5	7.2
Contraceptive intention															
For spacing	7.0	5.7	8.4	5.7	4.5	6.8	6.1	5.5	6.8	5.5	5.0	6.0	6.6	6.0	7.2
For limiting	4.3	3.5	5.1	3.2	2.2	4.2	6.2	5.2	7.1	4.4	3.9	5.0	6.6	5.8	7.4
Wealth															
Lower three quintiles	5.7	4.8	6.6	4.7	3.6	5.7	7.8	7.0	8.6	5.4	5.0	5.9	7.8	7.1	8.5
Upper two quintiles	5.2	3.9	6.6	4.1	3.1	5.2	4.3	3.6	4.9	4.7	4.2	5.2	5.1	4.4	5.8
Residence															
Urban	6.2	4.3	8.2	4.9	3.8	6.0	6.3	5.7	6.9	5.0	4.5	5.6	6.6	6.0	7.2
Rural	5.2	4.5	6.0	4.2	3.2	5.3	5.8	4.8	6.9	5.1	4.6	5.6	6.7	5.8	7.6
Education															
Completed primary or less	5.4	4.4	6.4	4.0	2.9	5.2	6.8	5.9	7.7	4.8	4.4	5.3	6.8	6.0	7.5
Secondary or more	5.6	4.4	6.7	4.9	3.8	5.9	5.7	5.1	6.3	5.3	4.8	5.9	6.5	5.8	7.2
IUD															
Age															
<25	3.1	0.0	6.8	3.6	0.8	6.3	3.5	2.2	4.8	2.2	1.3	3.1	4.5	2.9	6.0
≥25	0.8	0.1	1.4	1.4	0.6	2.2	1.7	1.0	2.4	1.0	0.7	1.3	1.3	0.8	1.7
Marital status															
Never married	‡	‡	‡	‡	‡	‡	5.1	0.0	10.2	2.5	0.0	6.4	6.9	0.0	14.6
Ever married	1.2	0.3	2.0	1.8	0.8	2.8	2.1	1.5	2.7	1.2	0.9	1.5	1.7	1.2	2.2
Parity															
0–2 children	1.4	0.0	3.1	2.2	1.2	3.3	2.4	1.6	3.2	1.6	1.2	2.1	2.2	1.5	2.9
≥3 children	1.0	0.1	1.8	0.9	0.0	2.2	1.8	0.7	2.9	0.7	0.4	1.1	1.2	0.7	1.7
Contraceptive intention															
For spacing	1.9	0.0	4.3	2.3	0.8	3.8	2.4	1.5	3.2	1.4	1.0	1.9	2.2	1.3	3.2
For limiting	0.9	0.2	1.5	1.5	0.5	2.5	2.0	1.1	2.8	1.0	0.7	1.4	1.5	1.0	2.0
Wealth															
Lower three quintiles	0.5	0.1	1.0	2.1	0.7	3.4	2.1	1.4	2.8	1.3	0.7	1.8	1.6	1.1	2.2
Upper two quintiles	1.7	0.2	3.2	1.4	0.3	2.4	2.3	1.4	3.2	1.2	0.8	1.6	2.0	1.2	2.8
Residence															
Urban	1.1	0.2	2.0	1.0	0.0	2.0	2.3	1.6	3.1	1.3	0.9	1.6	2.1	1.4	2.7
Rural	1.2	0.0	2.5	2.0	0.8	3.2	1.7	0.9	2.5	1.2	0.8	1.7	1.2	0.6	1.7
Education															
Completed primary or less	0.6	0.0	1.3	2.0	0.0	4.3	2.0	0.8	3.2	1.4	0.6	2.2	1.6	0.8	2.5
Secondary or more	1.8	0.2	3.4	1.7	0.8	2.6	2.3	1.5	3.0	1.2	0.8	1.5	1.8	1.3	2.4
Injectables															
Age															
<25	1.9	1.1	2.7	1.3	0.6	1.9	5.5	4.6	6.5	2.6	2.2	3.1	6.2	5.0	7.4
≥25	1.1	0.7	1.6	0.8	0.5	1.1	3.1	2.2	3.9	1.2	1.0	1.4	3.5	2.5	4.5
Marital status															
Never married	‡	‡	‡	64.5	0.0	194.9	4.4	3.1	5.7	2.5	1.2	3.9	4.5	3.0	5.9
Ever married	1.4	1.0	1.8	0.9	0.6	1.2	4.2	3.5	4.9	1.6	1.4	1.8	4.7	3.8	5.5
Parity															
0–2 children	1.4	0.8	2.0	0.9	0.6	1.3	4.3	3.6	5.0	2.0	1.7	2.3	4.7	3.9	5.6
≥3 children	1.4	0.8	2.0	0.9	0.4	1.3	3.8	2.3	5.3	1.3	1.1	1.6	4.4	2.6	6.2
Contraceptive intention															
For spacing	1.4	0.7	2.1	1.1	0.7	1.5	4.5	3.7	5.3	1.9	1.6	2.2	5.1	4.0	6.1
For limiting	1.4	0.9	1.9	0.7	0.3	1.1	3.6	2.6	4.6	1.3	1.1	1.6	3.9	2.7	5.1
Wealth															
Lower three quintiles	1.7	1.1	2.3	1.0	0.6	1.4	3.3	2.7	3.9	1.7	1.4	2.0	4.0	3.3	4.8
Upper two quintiles	0.8	0.3	1.3	0.8	0.4	1.2	5.4	4.1	6.7	1.6	1.3	1.9	5.5	4.0	7.1
Residence															
Urban	1.3	0.5	2.0	0.9	0.5	1.3	4.9	4.1	5.8	1.8	1.4	2.2	5.2	4.2	6.1
Rural	1.4	0.9	1.9	0.9	0.5	1.3	2.8	1.8	3.8	1.6	1.4	1.8	3.4	2.0	4.8
Education															
Completed primary or less	1.6	1.0	2.2	1.0	0.5	1.5	3.6	2.5	4.7	1.6	1.4	1.9	4.6	3.1	6.1
Secondary or more	1.0	0.5	1.6	0.8	0.5	1.1	4.6	3.9	5.4	1.7	1.3	2.0	4.7	3.8	5.5
Implants															
Age															
<25	‡	‡	‡	0.0	0.0	0.0	0.2	0.0	0.5	0.8	0.0	1.9	0.2	0.0	0.5
≥25	(0.6)	0.0	1.9	0.8	0.0	1.6	0.1	0.0	0.3	0.7	0.3	1.1	0.1	0.0	0.2
Marital status															
Never married	‡	‡	‡	‡	‡	‡	0.1	0.0	0.3	1.3	0.0	4.0	0.1	0.0	0.3
Ever married	0.5	0.0	1.4	0.7	0.0	1.4	0.2	0.0	0.4	0.7	0.3	1.1	0.1	0.0	0.3
Parity															
0–2 children	(0.9)	0.0	2.6	0.6	0.0	1.6	0.1	0.0	0.3	0.9	0.2	1.6	0.1	0.0	0.3
≥3 children	(0.0)	0.0	0.0	0.8	0.0	2.0	0.4	0.0	1.2	0.6	0.2	1.0	0.2	0.0	0.6
Contraceptive intention															
For spacing	‡	‡	‡	0.8	0.0	2.0	0.1	0.0	0.4	1.0	0.4	1.7	0.1	0.0	0.3
For limiting	0.6	0.0	1.8	0.7	0.0	1.5	0.2	0.0	0.5	0.4	0.1	0.8	0.1	0.0	0.3
Wealth															
Lower three quintiles	(0.9)	0.0	2.6	0.5	0.0	1.3	0.2	0.0	0.6	0.7	0.2	1.2	0.2	0.0	0.5
Upper two quintiles	‡	‡	‡	1.1	0.0	2.8	0.1	0.0	0.3	0.7	0.2	1.3	0.1	0.0	0.2
Residence															
Urban	‡	‡	‡	0.0	0.0	0.0	0.1	0.0	0.2	0.5	0.0	1.0	0.1	0.0	0.2
Rural	(0.7)	0.0	2.1	1.1	0.0	2.3	0.6	0.0	1.8	0.8	0.3	1.3	0.4	0.0	1.2
Education															
Completed primary or less	(0.7)	0.0	2.1	0.7	0.0	1.9	0.6	0.0	1.7	0.5	0.2	0.9	0.3	0.0	1.0
Secondary or more	‡	‡	‡	0.7	0.0	1.6	0.1	0.0	0.2	1.0	0.2	1.9	0.1	0.0	0.2

TABLE 9. Twelve-month failure rates by method, according to demographic and socioeconomic characteristics, for subregions (countries pooled by subregion), 43 countries, 1990–2013 (Continued)

Method and characteristic*	Subregion														
	All countries			Eastern Africa			Western Africa			Northern Africa and Western Asia			Eastern Europe and Central Asia		
	Failure rate†	95% CI (-/+)		Failure rate†	95% CI (-/+)		Failure rate†	95% CI (-/+)		Failure rate†	95% CI (-/+)		Failure rate†	95% CI (-/+)	
Male condom															
Age															
<25	8.9	8.1	9.8	4.2	2.8	5.6	1.4	0.6	2.2	15.9	11.3	20.5	9.0	6.7	11.2
≥25	5.4	4.8	6.0	2.8	1.7	4.0	3.5	2.1	4.9	6.9	5.4	8.3	6.1	4.7	7.6
Marital status															
Never married	4.7	4.0	5.4	2.1	1.1	3.0	0.9	0.3	1.5	‡	‡	‡	3.8	1.9	5.8
Ever married	7.3	6.7	7.9	4.4	3.1	5.7	3.9	2.4	5.4	8.7	7.2	10.1	8.1	6.6	9.7
Parity															
0–2 children	7.0	6.4	7.6	3.4	2.4	4.4	2.0	1.3	2.7	10.1	8.0	12.2	7.2	5.7	8.6
≥3 children	6.0	5.2	6.9	3.8	1.9	5.7	3.4	1.1	5.6	6.1	4.3	7.9	7.6	4.7	10.5
Contraceptive intention															
For spacing	7.3	6.7	8.0	3.5	2.5	4.4	2.2	1.4	3.0	10.7	8.1	13.3	8.2	6.3	10.1
For limiting	5.9	5.2	6.6	3.8	1.5	6.1	2.3	0.0	4.7	7.1	5.5	8.8	5.9	4.3	7.4
Wealth															
Lower three quintiles	8.2	7.4	9.0	6.0	3.8	8.2	1.9	0.6	3.3	10.8	8.3	13.3	6.2	4.5	7.8
Upper two quintiles	5.9	5.3	6.5	2.4	1.6	3.2	2.3	1.4	3.3	7.0	5.2	8.9	7.9	6.1	9.7
Residence															
Urban	6.5	5.9	7.1	1.9	1.2	2.7	2.5	1.4	3.5	8.5	6.9	10.1	7.2	5.6	8.7
Rural	7.3	6.4	8.1	5.2	3.6	6.8	1.7	0.7	2.6	9.9	6.8	13.0	7.4	5.1	9.8
Education															
Completed primary or less	6.5	5.6	7.4	4.9	3.3	6.5	1.9	0.6	3.2	9.7	6.3	13.0	‡	‡	‡
Secondary or more	6.9	6.3	7.4	2.3	1.4	3.2	2.4	1.5	3.3	8.5	6.8	10.2	7.2	5.9	8.6
Periodic abstinence															
Age															
<25	24.6	22.6	26.6	18.7	14.6	22.8	7.6	4.2	11.0	30.4	20.3	40.5	(20.6)	12.8	28.3
≥25	13.3	12.3	14.4	10.3	8.1	12.5	8.3	5.9	10.6	18.1	14.7	21.4	14.9	9.8	20.1
Marital status															
Never married	17.2	14.7	19.7	13.6	7.6	19.7	0.7	0.0	2.0	‡	‡	‡	‡	‡	‡
Ever married	16.3	15.3	17.3	12.9	10.6	15.2	9.7	7.0	12.4	20.1	16.9	23.3	16.4	11.9	20.9
Parity															
0–2 children	18.7	17.4	20.0	15.1	11.9	18.3	7.9	4.7	11.1	25.1	20.6	29.6	16.5	11.8	21.2
≥3 children	12.7	11.5	13.8	10.8	8.2	13.4	8.3	5.6	11.0	13.7	9.4	18.1	‡	‡	‡
Contraceptive intention															
For spacing	18.1	16.8	19.3	13.8	11.0	16.5	8.7	6.0	11.3	22.7	18.1	27.3	21.3	14.1	28.6
For limiting	14.2	12.8	15.7	11.6	8.1	15.1	6.1	2.7	9.5	17.4	13.0	21.8	10.5	7.1	14.0
Wealth															
Lower three quintiles	18.3	17.1	19.5	17.5	13.9	21.1	11.0	5.8	16.2	21.1	16.8	25.5	17.7	12.3	23.2
Upper two quintiles	14.6	13.2	16.0	9.0	6.6	11.5	6.8	4.5	9.0	19.5	15.1	23.9	14.8	8.6	21.0
Residence															
Urban	16.8	15.5	18.1	5.2	2.7	7.7	7.5	4.5	10.5	21.3	17.4	25.2	16.4	10.9	21.9
Rural	15.9	14.5	17.3	16.4	13.5	19.2	9.0	5.7	12.4	16.7	12.0	21.4	15.1	9.0	21.3
Education															
Completed primary or less	15.2	14.0	16.5	14.0	11.4	16.7	10.0	6.5	13.5	19.5	14.7	24.3	‡	‡	‡
Secondary or more	17.1	15.8	18.3	11.1	7.5	14.7	5.7	3.6	7.9	20.4	16.7	24.1	15.7	11.5	19.9
Withdrawal															
Age															
<25	22.7	21.1	24.2	17.8	14.0	21.6	10.4	6.0	14.7	26.6	23.2	30.0	18.9	15.3	22.5
≥25	11.7	10.9	12.4	13.0	10.3	15.7	6.8	4.7	8.9	13.0	11.6	14.4	10.8	8.7	12.9
Marital status															
Never married	19.8	16.9	22.7	‡	‡	‡	(2.7)	0.3	5.2	‡	‡	‡	11.2	5.7	16.8
Ever married	14.6	13.8	15.3	14.6	12.2	16.9	8.7	6.4	11.0	16.3	15.0	17.7	13.8	11.8	15.8
Parity															
0–2 children	16.3	15.4	17.3	14.8	11.4	18.2	7.3	4.6	9.9	18.1	16.3	19.8	14.2	12.1	16.3
≥3 children	12.2	11.1	13.4	14.3	11.3	17.4	8.3	5.4	11.3	13.8	11.7	15.8	10.2	5.9	14.6
Contraceptive intention															
For spacing	16.7	15.7	17.7	14.7	11.9	17.4	8.0	5.8	10.3	18.2	16.2	20.2	15.5	11.8	19.2
For limiting	13.1	12.1	14.1	14.3	10.4	18.2	7.1	3.0	11.2	15.0	13.3	16.7	12.6	10.4	14.8
Wealth															
Lower three quintiles	16.0	15.1	17.0	15.8	12.7	18.8	12.1	7.5	16.7	17.3	15.6	19.1	14.2	11.7	16.7
Upper two quintiles	13.3	12.2	14.3	13.2	10.2	16.2	6.0	4.0	8.0	14.8	12.6	17.0	12.9	10.1	15.6
Residence															
Urban	15.1	14.1	16.2	11.9	7.4	16.4	6.8	4.4	9.2	16.4	14.6	18.1	13.2	10.6	15.8
Rural	14.6	13.6	15.6	15.3	12.7	17.9	9.9	6.1	13.6	16.4	14.3	18.5	14.0	11.3	16.7
Education															
Completed primary or less	13.5	12.6	14.5	14.9	12.4	17.4	9.7	5.9	13.6	14.8	12.9	16.7	‡	‡	‡
Secondary or more	15.5	14.6	16.5	13.5	8.4	18.5	6.6	4.4	8.7	17.0	15.3	18.8	13.5	11.7	15.4

*Age, parity, marital status and contraceptive intention were measured at the end of the episode of contraceptive use; wealth, education and residence were measured at the time of the survey interview.
†Number of failures per 100 episodes of use. ‡Not reported because there were fewer than 125 episodes of use of that method. Notes: FP2020=Family Planning 2020 (see footnote in Table 8 for details).
Failure rates were calculated using the single-decrement approach. Values in parentheses indicate calculations were based on 125–249 episodes of use for that method.

TABLE 9. Twelve-month failure rates by method, according to demographic and socioeconomic characteristics, for subregions (countries pooled by subregion), 43 countries, 1990–2013 (Continued)

Method and characteristic*	Subregion									Among the 69 poorest countries according to FP2020					
	Southern Asia			Southeastern Asia			Latin America and the Caribbean			Yes			No		
	Failure rate†	95% CI (-/+)		Failure rate†	95% CI (-/+)		Failure rate†	95% CI (-/+)		Failure rate†	95% CI (-/+)		Failure rate†	95% CI (-/+)	
Male condom															
Age															
<25	13.1	10.8	15.3	13.8	6.6	20.9	9.0	7.8	10.2	7.5	6.3	8.7	10.0	8.8	11.3
≥25	4.6	3.5	5.7	7.2	4.5	9.9	4.5	3.7	5.4	5.4	4.6	6.3	5.4	4.6	6.2
Marital status															
Never married	25.9	2.9	49.0	12.2	0.0	32.6	7.2	6.1	8.4	2.2	1.5	2.8	6.5	5.4	7.6
Ever married	7.2	6.2	8.3	8.3	5.8	10.8	6.4	5.4	7.3	7.3	6.4	8.2	7.3	6.5	8.1
Parity															
0–2 children	7.9	6.6	9.2	8.5	5.3	11.7	6.9	6.1	7.6	6.3	5.3	7.2	7.4	6.7	8.2
≥3 children	6.5	4.8	8.3	8.0	3.7	12.3	5.8	3.8	7.9	6.2	5.1	7.3	5.8	4.5	7.2
Contraceptive intention															
For spacing	8.7	7.3	10.2	10.4	6.6	14.1	7.3	6.4	8.2	6.6	5.7	7.6	7.8	7.0	8.7
For limiting	5.9	4.3	7.4	6.5	2.9	10.0	5.1	3.8	6.4	5.5	4.3	6.6	6.1	5.2	7.1
Wealth															
Lower three quintiles	8.0	6.4	9.7	9.9	5.1	14.8	9.5	8.2	10.9	7.3	6.0	8.5	8.7	7.7	9.8
Upper two quintiles	7.1	5.7	8.4	7.3	4.5	10.2	4.8	4.0	5.6	5.8	4.9	6.7	6.0	5.2	6.9
Residence															
Urban	7.6	5.9	9.3	6.7	3.8	9.6	6.3	5.5	7.0	5.9	4.9	6.9	6.9	6.1	7.6
Rural	7.3	6.0	8.6	9.6	5.8	13.3	8.8	6.5	11.0	6.7	5.6	7.8	8.2	6.9	9.5
Education															
Completed primary or less	6.9	5.3	8.5	6.2	1.0	11.4	7.3	5.3	9.3	5.8	4.7	6.8	7.8	6.0	9.5
Secondary or more	7.8	6.4	9.1	9.0	6.1	11.9	6.6	5.8	7.3	6.5	5.6	7.5	7.1	6.4	7.8
Periodic abstinence															
Age															
<25	10.5	8.5	12.5	28.2	19.0	37.3	31.9	28.6	35.2	22.1	19.9	24.3	28.1	24.4	31.7
≥25	3.8	2.7	5.0	11.0	8.1	14.0	16.1	14.4	17.8	10.9	9.8	12.0	16.1	14.3	17.9
Marital status															
Never married	‡	‡	‡	5.4	0.0	13.1	22.1	18.9	25.2	13.6	10.2	17.1	20.4	16.9	23.8
Ever married	6.1	5.0	7.2	13.3	10.6	16.1	20.7	19.0	22.3	14.1	13.0	15.2	18.9	17.2	20.6
Parity															
0–2 children	6.9	5.5	8.4	16.2	12.0	20.4	23.3	21.4	25.2	16.3	14.7	17.9	20.9	19.0	22.8
≥3 children	4.8	3.5	6.2	9.2	6.4	12.0	17.0	14.9	19.1	11.6	10.3	12.8	14.8	12.4	17.2
Contraceptive intention															
For spacing	7.1	5.3	8.8	14.8	11.1	18.5	22.2	20.3	24.0	15.2	13.7	16.6	21.1	19.1	23.2
For limiting	5.2	4.1	6.4	12.2	8.1	16.3	19.2	16.5	21.9	13.0	11.4	14.5	16.1	13.4	18.8
Wealth															
Lower three quintiles	6.7	5.4	8.0	16.5	12.5	20.6	22.6	20.9	24.3	17.2	15.6	18.8	19.8	18.0	21.5
Upper two quintiles	5.0	3.3	6.8	10.0	6.4	13.6	19.3	16.7	21.8	10.9	9.6	12.3	18.5	16.0	21.1
Residence															
Urban	5.4	3.3	7.5	13.7	9.2	18.2	19.8	18.2	21.5	13.5	12.0	15.0	19.4	17.4	21.3
Rural	6.3	5.1	7.6	13.0	9.6	16.5	23.2	20.2	26.3	14.6	13.2	16.1	18.5	15.5	21.6
Education															
Completed primary or less	5.3	4.3	6.4	15.0	7.6	22.5	19.8	17.7	22.0	14.3	12.8	15.8	17.8	15.3	20.3
Secondary or more	7.0	5.1	9.0	12.8	9.9	15.7	21.6	19.5	23.7	14.0	12.5	15.4	19.5	17.5	21.5
Withdrawal															
Age															
<25	13.7	10.6	16.7	24.0	20.0	28.0	25.5	22.8	28.2	18.5	16.7	20.3	24.8	22.7	27.0
≥25	7.7	5.9	9.4	11.7	9.9	13.5	11.0	9.4	12.6	10.5	9.5	11.6	12.3	11.3	13.4
Marital status															
Never married	‡	‡	‡	41.5	23.2	59.7	24.9	21.1	28.8	17.2	12.8	21.7	20.8	17.2	24.4
Ever married	9.2	7.7	10.8	14.0	12.3	15.6	15.3	13.7	16.9	12.5	11.6	13.4	15.8	14.8	16.8
Parity															
0–2 children	11.1	8.9	13.2	15.6	13.6	17.7	19.3	17.5	21.2	14.2	13.0	15.4	17.3	16.1	18.5
≥3 children	7.2	5.0	9.4	11.9	9.2	14.6	11.9	9.6	14.2	10.9	9.5	12.2	13.4	11.7	15.1
Contraceptive intention															
For spacing	12.4	9.9	14.9	15.7	13.4	17.9	19.8	17.7	21.8	14.3	13.0	15.5	18.4	16.9	19.9
For limiting	6.4	4.5	8.3	12.9	10.3	15.4	12.1	10.0	14.1	10.8	9.3	12.2	14.2	12.9	15.5
Wealth															
Lower three quintiles	10.0	7.8	12.2	16.1	13.7	18.4	17.7	16.1	19.3	14.3	13.0	15.7	16.9	15.6	18.1
Upper two quintiles	8.9	6.7	11.1	11.5	9.3	13.7	16.3	13.5	19.1	10.9	9.7	12.1	14.9	13.3	16.5
Residence															
Urban	7.8	5.5	10.0	14.4	11.8	17.0	17.4	15.5	19.4	11.9	10.5	13.2	16.2	14.9	17.5
Rural	10.3	8.3	12.3	14.1	12.0	16.2	16.5	14.2	18.8	13.2	12.0	14.4	15.9	14.4	17.4
Education															
Completed primary or less	8.6	6.5	10.7	12.0	9.6	14.4	15.3	13.3	17.2	12.5	11.2	13.7	14.8	13.2	16.3
Secondary or more	10.3	8.2	12.4	15.4	13.2	17.6	18.5	16.4	20.6	12.9	11.6	14.3	16.6	15.3	17.8

*Age, parity, marital status and contraceptive intention were measured at the end of the episode of contraceptive use; wealth, education and residence were measured at the time of the survey interview.

†Number of failures per 100 episodes of use. ‡Not reported because there were fewer than 125 episodes of use of that method. Notes: FP2020=Family Planning 2020 (see footnote in Table 8 for details). Failure rates were calculated using the single-decrement approach. Values in parentheses indicate calculations were based on 125–249 episodes of use for that method.

TABLE 10. Twelve-month failure rates by method, according to combinations of demographic and socioeconomic characteristics, for subregions (countries pooled by subregion), 43 countries, 1990–2013

Method and combination of characteristics*	Total	Subregion							Among the 69 poorest countries according to FP2020	
		Eastern Africa	Western Africa	Northern Africa and Western Asia	Eastern Europe and Central Asia	Southern Asia	Southeastern Asia	Latin America and the Caribbean	Yes	No
Pill										
Wealth										
Lower three quintiles										
Age										
<25	9.6	6.9	3.5	12.5	(11.1)	8.0	8.8	10.9	8.1	11.4
≥25	4.7	3.3	4.3	6.6	6.7	3.8	3.2	5.0	4.0	5.6
Contraceptive intention										
For spacing	6.7	4.6	4.2	7.9	8.7	7.1	5.8	7.8	6.1	7.4
For limiting	6.3	4.4	3.7	8.5	6.9	4.7	3.5	7.8	4.6	8.3
Education										
Completed primary or less	6.1	5.1	3.8	7.4	†	5.3	4.0	7.7	5.1	7.6
Secondary or more	7.0	3.6	(6.6)	9.5	7.8	6.5	5.6	7.9	6.0	8.1
Upper two quintiles										
Age										
<25	6.6	6.7	3.1	9.2	7.6	5.7	6.1	6.7	6.0	7.5
≥25	4.1	4.1	3.6	4.1	9.4	4.8	3.7	2.6	4.1	4.0
Contraceptive intention										
For spacing	5.3	4.8	3.2	7.0	10.0	6.9	5.4	4.4	4.9	5.7
For limiting	4.2	5.2	4.3	3.3	7.9	3.7	2.6	3.9	4.2	4.1
Education										
Completed primary or less	4.4	4.9	2.9	4.3	†	5.9	4.1	4.5	4.4	4.5
Secondary or more	5.1	4.9	4.3	5.5	9.0	4.9	4.2	4.2	4.9	5.3
Residence										
Urban										
Age										
<25	8.5	6.7	2.9	12.2	7.4	6.0	8.7	9.1	6.7	9.8
≥25	4.5	3.6	4.0	5.0	7.4	6.4	3.8	4.1	4.2	4.8
Contraceptive intention										
For spacing	6.1	4.4	3.6	7.6	7.6	8.2	5.6	6.2	5.1	6.8
For limiting	5.7	5.3	4.3	5.6	7.5	4.4	3.9	6.5	4.9	6.2
Rural										
Age										
<25	8.1	6.9	3.6	10.5	(13.3)	7.5	7.7	9.4	7.4	10.0
≥25	4.2	3.8	3.4	6.5	9.8	3.5	3.2	3.1	3.9	5.0
Contraceptive intention										
For spacing	5.9	4.9	3.3	7.3	(14.5)	6.5	5.7	6.0	5.8	6.2
For limiting	5.1	4.6	3.7	8.0	7.4	4.3	2.8	5.5	4.2	7.3
Education										
Completed primary or less										
Age										
<25	8.6	7.2	1.8	9.6	†	7.1	9.0	11.3	6.8	11.3
≥25	4.2	4.0	3.7	5.7	†	4.6	2.6	3.8	3.9	4.6
Contraceptive intention										
For spacing	5.6	5.0	2.9	6.7	†	7.0	5.3	6.6	5.0	6.6
For limiting	5.5	5.2	4.4	6.6	†	4.7	2.9	7.0	4.6	6.9
Secondary or more										
Age										
<25	8.1	6.3	6.2	13.2	8.8	7.0	7.3	7.8	7.4	8.9
≥25	4.6	3.4	3.8	5.5	8.3	3.6	4.1	3.8	4.1	5.1
Contraceptive intention										
For spacing	6.3	4.5	4.8	8.1	9.5	7.0	6.0	5.8	5.9	6.6
For limiting	5.2	4.2	(3.0)	6.5	7.5	3.8	3.5	5.3	4.2	6.3
Parity										
0–2 children										
Age										
<25	8.0	6.4	3.6	10.5	8.6	6.9	7.8	8.9	6.9	9.3
≥25	4.3	3.8	4.1	5.6	7.5	4.6	3.7	3.1	4.2	4.3
Contraceptive intention										
For spacing	6.4	5.2	3.9	8.0	9.1	7.3	5.9	6.4	6.0	6.9
For limiting	5.4	5.9	†	6.9	6.5	4.3	3.1	5.6	4.5	6.3
Education										
Completed primary or less	6.4	5.9	2.8	7.1	†	6.5	4.7	7.6	5.5	7.6
Secondary or more	6.1	4.8	5.2	8.1	8.0	5.9	5.3	5.6	5.8	6.3
≥3 children										
Age										
<25	12.4	12.0	(1.0)	21.7	†	8.6	†	14.1	8.8	19.1
≥25	4.5	3.6	3.6	5.6	10.7	3.9	3.1	4.9	3.9	5.4
Contraceptive intention										
For spacing	4.3	3.6	3.1	6.1	†	4.9	4.1	4.1	4.0	5.1
For limiting	5.4	4.5	4.2	6.3	(10.7)	4.3	3.2	6.7	4.4	6.8
Education										
Completed primary or less	4.8	4.4	3.4	6.2	†	4.5	3.2	5.7	4.3	5.8
Secondary or more	5.3	3.5	3.4	6.3	11.0	3.9	3.7	6.4	4.1	7.2
Contraceptive intention										
For spacing										
Age										
<25	7.9	6.7	3.2	10.2	9.6	7.3	8.2	8.7	7.1	9.1
≥25	4.2	3.1	3.7	5.7	9.2	6.1	4.2	3.1	4.1	4.3
For limiting										
Age										
<25	9.9	8.0	†	16.3	(7.4)	6.4	7.6	11.4	7.3	12.8
≥25	4.6	4.5	4.0	5.5	7.5	3.7	2.8	4.6	4.0	5.4

TABLE 10. Twelve-month failure rates by method, according to combinations of demographic and socioeconomic characteristics, for subregions (countries pooled by subregion), 43 countries, 1990–2013 (Continued)

Method and combination of characteristics*	Total	Subregion							Among the 69 poorest countries according to FP2020	
		Eastern Africa	Western Africa	Northern Africa and Western Asia	Eastern Europe and Central Asia	Southern Asia	Southeastern Asia	Latin America and the Caribbean	Yes	No
IUD										
Wealth										
Lower three quintiles										
Age										
<25	3.4	†	†	2.9	3.6	1.1	4.0	3.8	2.5	4.5
≥25	0.9	†	†	0.9	0.8	0.4	1.4	1.2	0.9	1.0
Contraceptive intention										
For spacing	1.8	†	†	1.8	1.1	0.5	2.8	2.5	1.6	2.0
For limiting	1.2	†	†	1.0	1.2	0.6	1.5	1.6	1.0	1.4
Education										
Completed primary or less	1.7	†	†	1.7	†	0.4	2.1	1.7	1.6	1.7
Secondary or more	1.3	†	†	1.1	1.2	1.3	2.1	2.5	1.0	1.6
Upper two quintiles										
Age										
<25	3.0	†	†	1.7	4.5	4.5	(2.2)	3.3	1.6	4.4
≥25	1.3	0.6	0.9	1.0	1.6	1.0	1.3	2.0	1.1	1.5
Contraceptive intention										
For spacing	1.8	(0.0)	(0.2)	0.9	2.8	2.9	1.2	2.3	1.3	2.4
For limiting	1.4	(1.4)	(1.5)	1.3	1.2	1.1	1.5	2.2	1.1	1.6
Education										
Completed primary or less	1.1	†	(1.4)	0.5	†	1.2	(1.7)	2.5	0.8	1.4
Secondary or more	1.7	(0.9)	(0.2)	1.3	2.0	1.9	1.3	2.2	1.3	2.0
Residence										
Urban										
Age										
<25	3.8	†	†	3.1	6.4	2.1	(0.0)	3.5	1.7	5.0
≥25	1.4	(1.0)	1.3	1.1	1.8	0.9	1.2	1.9	1.2	1.5
Contraceptive intention										
For spacing	2.0	(0.0)	(0.1)	1.4	3.0	1.3	1.0	2.4	1.3	2.4
For limiting	1.6	†	(2.4)	1.3	2.0	1.0	1.0	2.3	1.2	1.8
Rural										
Age										
<25	2.7	†	†	1.6	2.0	3.6	4.1	3.5	2.4	3.3
≥25	0.8	(0.0)	†	0.8	0.5	0.7	1.4	1.0	0.9	0.7
Contraceptive intention										
For spacing	1.5	†	†	1.3	0.9	2.4	2.6	2.4	1.5	1.6
For limiting	0.9	†	†	0.7	0.7	0.8	1.6	0.9	0.9	0.9
Education										
Completed primary or less										
Age										
<25	4.0	†	†	4.0	†	0.4	(5.4)	2.8	3.5	4.9
≥25	0.8	(0.0)	(1.0)	0.7	†	0.7	0.8	1.7	0.8	0.9
Contraceptive intention										
For spacing	2.5	†	†	2.3	†	0.0	3.0	3.4	2.0	3.5
For limiting	1.0	†	†	0.9	†	0.8	1.4	0.8	1.0	0.9
Secondary or more										
Age										
<25	2.9	†	†	1.6	4.1	5.0	2.2	3.8	1.6	4.3
≥25	1.2	(0.9)	(1.0)	1.1	1.1	0.9	1.6	1.7	1.1	1.4
Contraceptive intention										
For spacing	1.6	(0.0)	(0.4)	1.1	1.9	3.6	1.9	2.0	1.3	2.0
For limiting	1.4	†	†	1.3	1.2	0.9	1.6	2.7	1.0	1.7
Parity										
0–2 children										
Age										
<25	3.2	†	†	2.6	3.6	3.5	3.7	3.5	2.3	4.4
≥25	1.4	(1.3)	†	1.1	1.5	0.2	1.7	1.8	1.3	1.5
Contraceptive intention										
For spacing	2.2	(2.1)	†	1.7	2.4	3.0	2.5	2.5	1.7	2.7
For limiting	1.6	†	†	1.4	1.5	0.2	1.9	2.3	1.5	1.7
Education										
Completed primary or less	2.4	†	†	2.0	†	0.0	2.5	4.0	2.1	2.7
Secondary or more	1.8	(1.4)	†	1.4	2.0	2.1	2.1	2.0	1.5	2.1
≥3 children										
Age										
<25	3.2	†	†	(1.0)	†	†	†	3.9	1.2	4.9
≥25	0.9	(0.0)	1.1	0.9	0.6	1.0	0.9	1.6	0.7	1.0
Contraceptive intention										
For spacing	0.7	†	(0.0)	0.6	0.7	(0.0)	(0.0)	1.9	0.6	0.8
For limiting	1.0	(0.1)	(1.7)	1.0	0.8	1.2	1.0	1.8	0.8	1.3
Education										
Completed primary or less	0.8	(0.0)	(1.1)	0.8	†	0.8	1.3	0.4	0.9	0.7
Secondary or more	1.0	†	(1.0)	0.9	0.8	1.4	0.5	3.1	0.7	1.3
Contraceptive intention										
For spacing										
Age										
<25	3.1	†	†	2.2	3.7	5.4	4.0	3.2	2.3	4.5
≥25	1.3	(0.0)	(0.2)	1.0	1.4	0.2	1.1	1.8	1.0	1.5
For limiting										
Age										
<25	3.5	†	†	3.1	4.5	0.4	(2.0)	4.4	1.9	4.4
≥25	1.1	(1.0)	(1.6)	1.0	0.9	0.9	1.5	1.6	1.0	1.1

TABLE 10. Twelve-month failure rates by method, according to combinations of demographic and socioeconomic characteristics, for subregions (countries pooled by subregion), 43 countries, 1990–2013 (Continued)

Method and combination of characteristics*	Total	Subregion							Among the 69 poorest countries according to FP2020	
		Eastern Africa	Western Africa	Northern Africa and Western Asia	Eastern Europe and Central Asia	Southern Asia	Southeastern Asia	Latin America and the Caribbean	Yes	No
Injectables										
Wealth										
Lower three quintiles										
Age										
<25	3.4	3.3	1.1	1.4	†	2.5	1.3	4.9	2.5	6.1
≥25	1.6	1.7	1.0	1.8	(4.1)	1.4	0.9	2.0	1.4	2.6
Contraceptive intention										
For spacing	2.6	2.7	0.9	1.5	†	1.8	1.2	3.7	2.1	4.6
For limiting	1.7	1.4	1.4	1.8	(1.1)	1.7	0.7	2.7	1.3	3.3
Education										
Completed primary or less	1.9	2.1	1.1	0.9	†	1.8	1.0	2.5	1.7	3.1
Secondary or more	2.9	2.4	0.9	3.3	(3.9)	1.4	0.9	4.3	1.6	4.8
Upper two quintiles										
Age										
<25	3.7	2.9	1.7	(3.4)	†	0.9	1.2	6.4	2.8	6.3
≥25	1.6	0.9	0.8	1.9	†	0.7	0.7	4.6	1.0	4.9
Contraceptive intention										
For spacing	2.5	1.7	1.0	(2.2)	†	0.6	0.8	5.4	1.7	5.6
For limiting	2.0	1.3	0.7	2.2	†	0.9	0.8	5.5	1.4	5.3
Education										
Completed primary or less	2.1	1.6	0.8	(3.8)	†	0.8	1.1	6.9	1.5	8.7
Secondary or more	2.5	1.5	1.5	1.4	†	0.8	0.7	4.9	1.7	4.6
Residence										
Urban										
Age										
<25	4.4	2.1	1.8	(1.8)	†	2.0	1.6	6.5	2.6	6.8
≥25	2.2	1.5	1.2	2.9	†	0.8	0.7	3.5	1.4	3.8
Contraceptive intention										
For spacing	3.3	1.9	1.4	1.5	†	1.0	1.1	5.4	1.9	5.7
For limiting	2.5	1.6	1.3	3.2	†	1.4	0.7	3.9	1.6	4.1
Rural										
Age										
<25	2.9	3.5	1.3	1.9	†	1.9	1.1	3.5	2.7	4.5
≥25	1.3	1.3	0.6	1.1	(3.1)	1.2	0.9	2.3	1.1	2.8
Contraceptive intention										
For spacing	2.0	2.3	0.7	1.7	†	1.5	1.0	2.5	1.9	3.3
For limiting	1.4	1.3	0.8	0.9	(0.0)	1.4	0.7	3.2	1.2	3.5
Education										
Completed primary or less										
Age										
<25	3.3	3.3	1.7	0.7	†	2.2	1.2	5.0	2.7	7.0
≥25	1.5	1.3	0.7	1.4	†	1.4	0.9	2.6	1.2	3.4
Contraceptive intention										
For spacing	2.2	2.2	0.8	0.9	†	1.6	1.2	4.1	1.8	5.9
For limiting	1.7	1.5	1.1	1.4	†	1.6	0.8	2.9	1.4	3.3
Secondary or more										
Age										
<25	3.9	2.5	0.7	3.3	†	1.5	1.3	5.8	2.5	5.9
≥25	1.9	1.3	1.6	2.5	(3.5)	0.6	0.7	3.5	1.2	3.6
Contraceptive intention										
For spacing	3.0	2.2	1.6	2.4	†	1.1	1.0	4.7	2.1	4.8
For limiting	2.1	0.5	0.7	2.8	(0.8)	1.0	0.6	4.4	1.0	4.4
Parity										
0–2 children										
Age										
<25	3.7	3.3	0.9	2.0	†	1.9	1.3	5.5	2.7	6.2
≥25	1.6	1.3	1.3	2.0	†	0.6	0.7	2.6	1.1	2.9
Contraceptive intention										
For spacing	2.9	2.7	1.0	1.9	†	1.5	1.1	4.4	2.2	4.9
For limiting	2.2	1.3	†	2.1	†	1.4	0.4	4.0	1.3	4.1
Education										
Completed primary or less	2.8	2.9	0.6	1.5	†	1.8	1.1	4.4	2.2	6.1
Secondary or more	2.8	1.9	2.0	2.4	†	1.0	0.9	4.3	1.8	4.3
≥3 children										
Age										
<25	2.6	1.9	(3.3)	†	†	(2.1)	0.0	5.8	2.2	6.1
≥25	1.6	1.3	0.8	1.8	(2.2)	1.4	0.9	3.7	1.2	4.3
Contraceptive intention										
For spacing	1.7	1.4	0.9	1.1	†	0.9	0.7	5.0	1.3	6.4
For limiting	1.7	1.4	1.0	1.9	(1.0)	1.5	0.9	3.4	1.3	3.7
Education										
Completed primary or less	1.5	1.4	1.0	1.1	†	1.5	0.9	2.5	1.3	3.0
Secondary or more	2.5	1.4	0.8	2.8	(2.4)	1.1	0.8	6.7	1.4	6.6
Contraceptive intention										
For spacing										
Age										
<25	3.5	3.2	1.5	2.5	†	1.5	1.4	5.3	2.7	6.1
≥25	1.7	1.3	0.8	1.1	†	1.2	0.9	3.4	1.2	3.9
For limiting										
Age										
<25	3.6	1.8	†	(0.9)	†	2.5	0.4	6.4	2.3	6.6
≥25	1.5	1.3	1.0	2.1	(0.8)	1.1	0.7	2.7	1.2	3.2

TABLE 10. Twelve-month failure rates by method, according to combinations of demographic and socioeconomic characteristics, for subregions (countries pooled by subregion), 43 countries, 1990–2013 (Continued)

Method and combination of characteristics*	Total	Subregion							Among the 69 poorest countries according to FP2020	
		Eastern Africa	Western Africa	Northern Africa and Western Asia	Eastern Europe and Central Asia	Southern Asia	Southeastern Asia	Latin America and the Caribbean	Yes	No
Implants										
Wealth										
Lower three quintiles										
Age										
<25	0.2	†	†	†	†	†	0.0	0.4	0.1	0.4
≥25	0.7	0.1	2.1	†	†	(1.1)	0.6	0.0	0.8	0.0
Contraceptive intention										
For spacing	0.7	(0.0)	(2.4)	†	†	†	0.0	0.3	0.8	0.3
For limiting	0.5	0.2	(1.1)	†	†	(1.1)	0.9	0.1	0.6	0.1
Education										
Completed primary or less	0.7	0.1	1.9	†	†	(1.1)	0.2	0.7	0.7	0.6
Secondary or more	0.5	†	†	†	†	†	1.0	0.1	0.9	0.0
Upper two quintiles										
Age										
<25	0.9	†	(0.0)	†	†	†	0.0	0.0	1.3	0.0
≥25	0.5	0.5	0.6	†	†	†	1.2	0.2	0.6	0.1
Contraceptive intention										
For spacing	1.0	1.6	0.4	†	†	†	2.3	0.0	1.2	0.0
For limiting	0.2	0.0	(0.7)	†	†	†	0.0	0.3	0.2	0.2
Education										
Completed primary or less	0.4	0.0	0.5	†	†	†	3.8	0.0	0.4	0.0
Secondary or more	0.8	1.7	(0.5)	†	†	†	0.2	0.1	1.1	0.1
Residence										
Urban										
Age										
<25	0.2	†	†	†	†	†	0.0	0.0	0.5	0.0
≥25	0.4	0.5	0.9	†	†	†	0.0	0.1	0.5	0.1
Contraceptive intention										
For spacing	0.6	(1.1)	1.1	†	†	†	0.0	0.0	0.9	0.0
For limiting	0.1	(0.0)	(0.0)	†	†	†	0.0	0.2	0.0	0.1
Rural										
Age										
<25	1.0	(1.7)	†	†	†	†	0.0	1.2	0.9	1.1
≥25	0.8	0.3	1.4	†	†	(1.0)	1.3	0.0	0.8	0.0
Contraceptive intention										
For spacing	1.1	1.0	(0.9)	†	†	†	1.1	1.0	1.1	0.7
For limiting	0.6	0.1	(1.7)	†	†	(0.9)	1.1	0.0	0.6	0.0
Education										
Completed primary or less										
Age										
<25	0.2	†	(0.0)	†	†	†	0.0	1.2	0.1	1.0
≥25	0.6	0.1	1.3	†	†	(0.9)	0.8	0.0	0.6	0.0
Contraceptive intention										
For spacing	0.6	0.0	1.2	†	†	†	1.5	1.1	0.6	0.6
For limiting	0.5	0.1	0.9	†	†	(0.9)	0.3	0.0	0.5	0.0
Secondary or more										
Age										
<25	0.8	†	†	†	†	†	0.0	0.0	1.7	0.0
≥25	0.7	0.8	(0.5)	†	†	†	0.8	0.1	0.8	0.1
Contraceptive intention										
For spacing	1.1	2.2	(0.5)	†	†	†	0.2	0.0	1.6	0.0
For limiting	0.2	(0.0)	†	†	†	†	1.1	0.2	0.3	0.2
Parity										
0–2 children										
Age										
<25	0.6	(2.0)	(0.0)	†	†	†	0.0	0.2	0.9	0.2
≥25	0.7	0.6	(0.5)	†	†	†	0.8	0.0	0.8	0.0
Contraceptive intention										
For spacing	0.8	1.4	0.3	†	†	†	1.0	0.1	1.0	0.1
For limiting	0.4	†	†	†	†	†	0.2	0.1	0.7	0.1
Education										
Completed primary or less	0.6	(0.0)	(0.0)	†	†	†	1.1	0.9	0.6	0.6
Secondary or more	0.7	(1.9)	(0.7)	†	†	†	0.3	0.0	1.1	0.0
≥3 children										
Age										
<25	0.0	†	†	†	†	†	0.0	0.0	0.0	0.0
≥25	0.6	0.3	1.3	(1.3)	†	(0.0)	0.8	0.4	0.6	0.2
Contraceptive intention										
For spacing	1.0	(0.5)	1.7	†	†	†	0.0	0.0	1.1	0.0
For limiting	0.4	0.1	0.9	†	†	(0.0)	1.0	0.5	0.4	0.3
Education										
Completed primary or less	0.5	0.1	1.4	†	†	(0.0)	0.4	0.0	0.5	0.0
Secondary or more	0.9	(0.7)	†	†	†	†	1.4	0.7	1.0	0.3
Contraceptive intention										
For spacing										
Age										
<25	0.7	(1.8)	(0.0)	†	†	†	0.0	0.2	1.0	0.2
≥25	0.9	0.7	1.4	†	†	†	1.0	0.0	1.0	0.0
For limiting										
Age										
<25	0.1	†	†	†	†	†	0.0	0.1	0.0	0.1
≥25	0.4	0.1	0.9	†	†	(0.8)	0.7	0.2	0.4	0.1

TABLE 10. Twelve-month failure rates by method, according to combinations of demographic and socioeconomic characteristics, for subregions (countries pooled by subregion), 43 countries, 1990–2013 (Continued)

Method and combination of characteristics*	Total	Subregion							Among the 69 poorest countries according to FP2020	
		Eastern Africa	Western Africa	Northern Africa and Western Asia	Eastern Europe and Central Asia	Southern Asia	Southeastern Asia	Latin America and the Caribbean	Yes	No
Male condom										
Wealth										
Lower three quintiles										
Age										
<25	11.2	7.5	2.2	18.5	9.3	13.5	13.2	11.4	8.9	12.5
≥25	6.2	4.6	1.5	8.4	4.4	4.7	9.1	7.4	6.2	6.2
Contraceptive intention										
For spacing	9.1	6.2	1.9	15.1	6.6	9.4	10.3	10.2	7.2	10.2
For limiting	6.8	(5.1)	†	7.2	5.6	6.3	9.5	8.1	7.3	6.6
Education										
Completed primary or less	8.3	7.5	1.9	12.5	†	6.9	8.7	9.7	7.3	9.6
Secondary or more	8.1	3.1	2.0	10.1	6.2	10.1	10.7	9.4	7.2	8.5
Upper two quintiles										
Age										
<25	7.5	2.8	1.1	12.9	8.8	12.7	14.5	7.1	6.8	8.1
≥25	4.9	2.0	4.2	5.8	7.2	4.5	6.0	2.9	5.1	4.8
Contraceptive intention										
For spacing	6.3	2.2	2.3	7.1	9.2	8.3	10.4	5.6	6.4	6.2
For limiting	5.2	3.2	(2.4)	7.0	6.0	5.6	4.1	2.4	4.4	5.8
Education										
Completed primary or less	4.1	2.9	1.9	5.6	†	7.1	1.4	2.6	4.0	4.4
Secondary or more	6.3	2.1	2.5	7.3	7.9	7.1	8.2	5.1	6.3	6.2
Residence										
Urban										
Age										
<25	8.2	2.0	1.8	16.4	8.1	13.6	8.6	8.5	6.3	9.3
≥25	5.4	1.7	3.5	6.6	6.4	5.2	6.4	4.2	5.6	5.3
Contraceptive intention										
For spacing	6.9	1.9	2.6	10.3	7.7	8.4	9.6	6.9	6.3	7.3
For limiting	5.8	2.2	(0.4)	6.9	6.3	6.7	3.1	4.6	5.0	6.1
Rural										
Age										
<25	10.3	6.9	0.4	(13.8)	11.5	12.8	16.2	11.7	9.0	12.4
≥25	5.4	3.7	3.6	8.5	5.5	4.0	7.9	6.1	5.3	5.6
Contraceptive intention										
For spacing	8.1	5.3	1.2	12.6	9.5	9.0	11.1	9.8	7.2	9.8
For limiting	6.1	4.8	†	8.1	5.1	5.2	8.3	6.9	5.9	6.3
Education										
Completed primary or less										
Age										
<25	8.3	6.0	1.7	15.2	†	11.0	10.8	8.9	6.4	12.8
≥25	5.6	3.9	2.1	7.6	†	5.6	5.3	6.4	5.3	5.9
Contraceptive intention										
For spacing	6.4	4.9	2.1	14.9	†	7.3	4.0	8.0	5.2	9.5
For limiting	6.6	4.9	†	7.9	†	6.6	7.3	6.5	6.7	6.5
Secondary or more										
Age										
<25	9.1	2.8	1.3	16.1	9.0	13.9	14.5	9.1	8.0	9.7
≥25	5.4	1.7	4.5	6.7	6.1	3.7	7.8	4.0	5.5	5.3
Contraceptive intention										
For spacing	7.5	2.3	2.3	10.2	8.2	9.4	11.8	7.2	7.3	7.7
For limiting	5.6	2.1	(4.1)	6.8	5.9	5.1	6.1	4.5	4.7	6.1
Parity										
0–2 children										
Age										
<25	8.8	3.9	1.3	15.7	8.7	13.4	14.0	8.9	7.4	9.9
≥25	5.3	2.4	3.6	7.8	5.9	2.9	6.7	4.2	5.0	5.4
Contraceptive intention										
For spacing	7.4	3.4	1.9	10.7	8.1	9.4	10.5	7.4	6.7	7.8
For limiting	6.0	(3.9)	†	9.3	5.7	4.0	5.0	4.5	4.1	6.6
Education										
Completed primary or less	7.1	5.0	2.0	13.0	†	7.2	5.3	7.6	5.4	9.8
Secondary or more	7.0	2.3	2.0	9.4	7.2	8.1	9.0	6.7	6.6	7.2
≥3 children										
Age										
<25	14.2	†	†	†	†	9.1	†	14.5	11.6	18.8
≥25	5.7	3.3	3.3	5.6	6.9	6.3	8.1	5.3	6.0	5.3
Contraceptive intention										
For spacing	6.6	3.9	4.2	10.6	(9.0)	4.6	9.4	6.2	6.1	7.8
For limiting	5.8	3.7	(1.7)	4.9	6.6	7.1	7.8	5.8	6.2	5.3
Education										
Completed primary or less	5.7	4.6	1.8	5.2	†	6.7	6.7	6.7	6.1	5.1
Secondary or more	6.3	2.2	5.8	6.4	7.7	6.2	8.8	5.1	6.3	6.3
Contraceptive intention										
For spacing										
Age										
<25	9.0	4.3	1.4	16.1	9.6	14.2	15.6	9.3	7.7	10.1
≥25	5.5	2.2	3.8	8.6	6.9	3.4	7.9	4.4	5.4	5.6
For limiting										
Age										
<25	8.8	†	†	15.5	7.5	8.2	0.0	6.9	5.0	9.9
≥25	5.3	4.0	2.5	5.7	5.3	5.4	6.7	4.7	5.5	5.1

TABLE 10. Twelve-month failure rates by method, according to combinations of demographic and socioeconomic characteristics, for subregions (countries pooled by subregion), 43 countries, 1990–2013 (Continued)

Method and combination of characteristics*	Total	Subregion							Among the 69 poorest countries according to FP2020	
		Eastern Africa	Western Africa	Northern Africa and Western Asia	Eastern Europe and Central Asia	Southern Asia	Southeastern Asia	Latin America and the Caribbean	Yes	No
Periodic abstinence										
Wealth										
Lower three quintiles										
Age										
<25	27.3	26.0	(11.5)	(30.7)	†	10.6	34.9	33.9	26.3	28.8
≥25	14.5	13.5	10.7	18.7	17.0	4.6	12.9	17.0	13.2	16.2
Contraceptive intention										
For spacing	21.0	19.8	11.5	24.6	(24.2)	7.1	20.4	24.8	19.5	22.7
For limiting	15.7	13.7	†	17.8	(12.2)	6.5	14.3	20.3	15.4	16.2
Education										
Completed primary or less	17.0	16.8	12.7	(15.6)	†	5.8	17.1	21.9	16.3	18.9
Secondary or more	19.9	(21.3)	(3.4)	22.4	17.5	9.4	16.2	23.6	19.3	20.3
Upper two quintiles										
Age										
<25	21.5	11.9	5.4	(29.2)	(20.4)	10.4	16.3	29.6	17.0	27.3
≥25	12.3	7.6	7.3	17.5	13.6	2.8	9.4	15.3	8.7	16.0
Contraceptive intention										
For spacing	15.9	8.8	7.3	21.4	(19.6)	7.1	10.6	20.2	11.9	20.0
For limiting	12.5	9.4	5.0	16.9	9.2	2.9	9.4	17.5	9.5	15.9
Education										
Completed primary or less	11.3	10.0	7.7	(23.6)	†	3.5	5.2	13.8	9.6	15.5
Secondary or more	15.5	8.1	6.1	18.8	14.5	5.7	10.5	20.6	11.5	19.0
Residence										
Urban										
Age										
<25	24.1	6.1	(7.6)	(34.4)	(20.6)	8.5	30.3	28.7	21.3	26.7
≥25	14.2	4.6	7.4	18.6	15.5	4.2	11.2	16.0	10.3	17.0
Contraceptive intention										
For spacing	17.8	3.6	8.5	24.6	20.7	7.1	12.4	20.8	13.1	21.3
For limiting	15.2	(10.1)	(4.4)	17.2	11.2	3.8	15.0	18.3	14.0	16.2
Rural										
Age										
<25	25.2	24.0	(7.5)	†	†	11.2	27.2	38.4	22.7	30.9
≥25	12.2	12.8	9.8	15.9	(13.7)	3.7	10.9	16.3	11.4	13.8
Contraceptive intention										
For spacing	18.4	19.2	8.9	(15.6)	(22.9)	7.1	16.8	26.0	17.3	20.8
For limiting	13.3	12.0	(9.6)	(17.9)	(9.5)	5.8	10.8	20.7	12.3	15.9
Education										
Completed primary or less										
Age										
<25	24.7	19.8	(13.1)	†	†	11.0	45.8	34.3	22.6	32.0
≥25	12.0	11.3	8.8	16.8	†	3.1	9.9	15.4	11.2	14.0
Contraceptive intention										
For spacing	17.5	16.4	11.0	(24.7)	†	5.8	18.5	23.0	16.1	21.4
For limiting	13.3	10.3	(7.1)	(16.4)	†	5.1	13.6	17.7	12.8	14.6
Secondary or more										
Age										
<25	24.4	16.4	2.2	(30.3)	(20.6)	9.9	21.9	30.8	21.4	27.2
≥25	14.2	8.4	7.5	18.3	14.5	5.0	11.4	16.6	10.7	16.8
Contraceptive intention										
For spacing	18.3	9.4	6.0	22.5	20.9	8.0	14.0	21.9	14.5	21.1
For limiting	15.0	(15.3)	(4.5)	17.7	10.3	5.5	11.7	20.9	13.1	16.7
Parity										
0–2 children										
Age										
<25	24.5	18.0	7.2	32.1	(21.0)	10.1	26.1	32.1	21.4	28.6
≥25	14.7	11.2	8.7	22.2	15.3	3.6	13.7	16.1	11.5	17.0
Contraceptive intention										
For spacing	19.0	14.3	8.0	24.6	21.7	7.6	15.0	23.2	16.0	21.9
For limiting	17.8	†	†	(26.1)	10.3	5.5	18.3	23.8	17.5	18.0
Education										
Completed primary or less	19.4	16.9	10.9	(28.1)	†	7.0	25.8	25.9	17.9	23.3
Secondary or more	18.5	12.8	5.3	24.8	16.2	6.9	14.8	22.5	15.4	20.5
≥3 children										
Age										
<25	25.5	†	†	†	†	14.4	63.0	29.2	27.9	18.1
≥25	12.0	10.0	8.1	14.0	†	4.0	8.0	16.1	10.5	14.6
Contraceptive intention										
For spacing	13.8	12.3	10.0	(16.8)	†	(2.7)	13.9	16.5	12.4	16.1
For limiting	12.3	10.0	6.1	12.4	†	5.1	8.2	17.1	11.3	14.3
Education										
Completed primary or less	12.6	11.8	9.3	(14.3)	†	4.2	9.9	16.5	12.1	14.1
Secondary or more	12.8	7.7	6.5	13.6	†	7.4	8.7	17.9	10.6	15.5
Contraceptive intention										
For spacing										
Age										
<25	23.3	17.9	7.5	(27.3)	(22.9)	9.1	25.2	30.5	20.2	27.6
≥25	14.5	10.2	9.3	21.0	21.1	4.6	11.0	15.8	11.0	17.7
For limiting										
Age										
<25	30.6	†	†	†	†	14.9	50.9	37.2	31.0	30.3
≥25	12.3	10.4	5.9	15.3	10.0	3.6	11.1	16.3	10.8	14.4

TABLE 10. Twelve-month failure rates by method, according to combinations of demographic and socioeconomic characteristics, for subregions (countries pooled by subregion), 43 countries, 1990–2013 (Continued)

Method and combination of characteristics*	Total	Subregion						Among the 69 poorest countries according to FP2020		
		Eastern Africa	Western Africa	Northern Africa and Western Asia	Eastern Europe and Central Asia	Southern Asia	Southeastern Asia	Latin America and the Caribbean	Yes	No
Withdrawal										
Wealth										
Lower three quintiles										
Age										
<25	23.6	18.5	(16.4)	26.5	19.5	14.7	27.3	25.7	20.8	25.0
≥25	12.8	14.3	10.0	14.1	11.4	7.8	12.9	12.0	11.8	13.3
Contraceptive intention										
For spacing	17.7	15.2	12.1	18.5	16.9	12.6	17.5	20.9	15.8	18.9
For limiting	14.6	16.8	†	16.6	13.0	7.4	14.9	12.9	12.7	15.4
Education										
Completed primary or less	14.3	16.4	11.7	15.3	†	9.1	12.5	16.2	13.3	15.4
Secondary or more	17.2	†	(13.0)	18.3	14.0	12.4	18.9	19.6	15.9	17.5
Upper two quintiles										
Age										
<25	21.2	16.9	7.3	26.8	18.0	12.5	18.2	25.0	15.6	24.6
≥25	10.1	11.6	5.5	11.3	9.9	7.6	9.9	9.4	9.1	10.9
Contraceptive intention										
For spacing	15.5	14.1	6.3	17.7	14.1	12.2	13.4	18.4	12.8	17.7
For limiting	10.5	11.3	(4.6)	12.0	12.0	5.4	9.2	9.8	8.1	11.9
Education										
Completed primary or less	11.7	12.7	(7.6)	13.6	†	7.2	10.6	11.4	10.7	13.1
Secondary or more	13.8	14.4	5.4	15.2	12.9	9.5	11.7	17.6	11.0	15.3
Residence										
Urban										
Age										
<25	23.8	(10.7)	6.9	29.0	17.4	8.8	22.2	25.1	15.6	26.4
≥25	11.6	12.2	6.8	12.4	10.9	7.5	12.0	11.2	10.2	12.0
Contraceptive intention										
For spacing	17.3	12.6	6.7	18.4	15.4	11.2	17.2	19.8	14.1	18.6
For limiting	12.7	†	(7.2)	14.6	11.4	4.1	10.3	12.1	8.1	13.8
Rural										
Age										
<25	21.5	19.9	(17.0)	22.7	20.3	15.6	24.8	26.0	20.1	22.6
≥25	11.8	13.2	6.8	14.1	10.7	7.8	11.6	10.7	10.7	12.9
Contraceptive intention										
For spacing	15.9	15.3	10.7	17.6	15.8	13.1	14.7	19.5	14.4	18.0
For limiting	13.5	15.2	†	15.6	13.4	7.5	13.7	12.0	11.8	14.7
Education										
Completed primary or less										
Age										
<25	20.5	18.9	†	22.2	†	15.4	19.3	24.5	17.9	23.4
≥25	10.9	13.1	8.4	11.9	†	6.3	10.2	11.1	10.4	11.4
Contraceptive intention										
For spacing	14.9	14.7	9.6	16.0	†	12.0	13.0	18.1	14.2	16.2
For limiting	12.5	15.2	(10.1)	14.4	†	6.2	11.2	12.2	10.5	14.1
Secondary or more										
Age										
<25	23.7	(14.9)	8.8	28.7	19.0	12.3	26.6	25.9	19.0	25.2
≥25	12.1	12.5	5.7	13.4	10.6	9.2	12.5	10.9	10.6	12.7
Contraceptive intention										
For spacing	17.4	14.6	7.1	18.6	15.5	12.7	17.0	20.6	14.3	18.9
For limiting	13.5	†	(4.2)	15.4	12.5	6.6	13.8	11.8	11.0	14.3
Parity										
0–2 children										
Age										
<25	22.3	16.8	7.9	26.1	18.6	13.9	23.5	25.3	18.3	24.3
≥25	11.8	11.0	6.6	13.1	11.2	8.6	11.9	11.3	10.8	12.3
Contraceptive intention										
For spacing	17.6	14.9	7.2	19.7	15.8	12.8	15.8	20.7	14.7	19.4
For limiting	14.2	†	†	15.9	13.3	6.8	15.4	12.9	12.5	14.6
Education										
Completed primary or less	15.4	16.6	(8.3)	16.0	†	11.0	13.3	18.4	14.2	16.5
Secondary or more	16.6	11.4	6.9	18.8	14.2	11.2	16.6	19.7	14.2	17.5
≥3 children										
Age										
<25	28.3	†	†	(34.7)	†	(10.8)	37.2	27.5	20.7	35.5
≥25	11.5	13.6	6.9	12.9	9.3	6.9	11.4	10.6	10.3	12.4
Contraceptive intention										
For spacing	12.7	14.3	9.2	12.1	†	10.9	14.6	12.9	12.8	12.5
For limiting	12.1	14.5	6.9	14.2	9.7	6.2	11.3	11.5	10.0	13.6
Education										
Completed primary or less	11.9	13.9	10.3	13.5	†	7.2	10.8	12.3	11.2	12.8
Secondary or more	12.6	(17.2)	6.1	13.9	10.1	7.4	12.9	10.8	10.3	13.8
Contraceptive intention										
For spacing										
Age										
<25	22.7	17.6	9.8	26.1	20.9	14.2	22.6	26.0	18.3	25.8
≥25	12.4	12.3	7.0	13.6	12.4	10.9	11.8	11.7	11.2	13.2
For limiting										
Age										
<25	22.6	†	†	27.4	17.7	11.5	30.0	21.7	19.4	23.2
≥25	11.2	13.9	6.1	12.6	10.0	5.7	11.6	10.3	10.0	11.8

*Age and contraception intention were measured at the end of the episode of contraceptive use; wealth, education and residence were measured at the time of the survey interview. †Not reported because there were fewer than 125 episodes of use for that method. Note: Values in parentheses indicate calculations were based on 125–249 episodes of use for that method. Note: FP2020=Family Planning 2020 (see footnote in Table 8 for details).

TABLE 11. Twelve-month failure rates according to method, by residence and age, 43 countries, 1990–2013

Residence and age	12-month failure rate*						
	Implants	IUD	Injectables	Pill	Male condom	Withdrawal	Periodic abstinence
Urban							
<25 y	0.2	3.8	4.4	8.5	8.2	23.8	24.1
≥25 y	0.4	1.4	2.2	4.5	5.4	11.6	14.2
Rural							
<25 y	1.0	2.7	2.9	8.1	10.3	20.5	25.2
≥25 y	0.8	0.8	1.3	4.2	5.4	10.9	12.2

*Number of failures per 100 episodes of use.

TABLE 12. Twelve-month failure rates according to study or other data source

Method	Median 12-month failure rate* (95% CI)		12-month typical-use failure rate* estimated from U.S. data (95% CI) ²⁷
	Current study†	Study of Ali et al. ¹⁴	
Implant	0.6 (0.0–2.4)	na	0.05 (Implanon) ‡
IUD	1.4 (0.0–2.4)	1.1	0.8 (0.4–1.2) (ParaGard)§
Injectable	1.7 (0.6–2.9)	1.5	6 (Depo-Provera)**
Pill	5.5 (3.5–7.3)	5.6	9 (COC, POP)**
Male condom	5.4 (2.3–8.7)	7.6	18**
Withdrawal	13.4 (9.1–17.1)	15.3	22**
Periodic abstinence (largely calendar rhythm)	13.9 (9.2–19.3)	17.4	24** (largely calendar rhythm) ***

*Number of failures per 100 episodes of use. †Median CIs are calculated as a median of all CIs. ‡No clinical study has reported an Implanon failure, but pregnancies during its use have been reported; thus typical-use (and perfect-use) failure rates for this implant were arbitrarily set at 0.05; 95% CIs were not provided.²⁷ §Estimate derived from 1979 study of 3,536 women using the TCu 380A IUD.²⁸ 95% CI calculated from one-year gross cumulative pregnancy rate per 100 women accepting the TCu 380A IUD (0.8) and the associated standard error (0.2) provided in Table 8 of the study by Sivin and Stern.²⁸ **Weighted averages of estimates derived from the 1995 and 2002 National Surveys of Family Growth, corrected for abortion underreporting; 95% CIs were not provided.²⁷ ***The overwhelming majority of women using fertility awareness-based methods (FABMs) in the NSFG are believed to be using calendar rhythm, although this could also include women using newer FABM methods such as Standard Days, TwoDay, Ovulation, or Symptothermal. Notes: CI=confidence interval (when available). na=not available (method was not assessed). COC=combined oral contraceptive pill. POP=progestin-only pill.

TABLE B1. Comparison of 12-month failure rates calculated with two techniques, by method, for 43 countries

Method	12-month failure rate (95% CI)*	
	Median	Pooled
Implant	0.6 (0.0–2.4)	0.6 (0.3–0.9)
IUD	1.4 (0.0–2.4)	1.5 (1.2–1.8)
Injectables	1.7 (0.6–2.9)	2.3 (2.0–2.5)
Pill	5.5 (3.5–7.3)	5.7 (5.4–6.0)
Male condom	5.4 (2.3–8.7)	6.8 (6.3–7.3)
Withdrawal	13.4 (9.1–17.1)	14.9 (14.2–15.6)
Periodic abstinence	13.9 (9.2–19.3)	16.4 (15.5–17.3)

*Number of failures per 100 episodes of use. *Note:* CI=confidence interval.

APPENDIX TABLE 1. Subregion populations and population coverage for pooled subregional failure rates, 43 countries

Subregion and country	Population of women 15–49, 2015, in 000s
Eastern Africa	93,569
Burundi	2,557
Comoros	183
Ethiopia	23,972
Kenya	11,405
Malawi	3,927
Mozambique	6,237
Rwanda	3,157
Tanzania	11,930
Uganda	8,934
Zimbabwe	3,905
Population of women age 15-49 in regional countries in analysis	76,207
% population coverage	81
Western Africa	80,710
Benin	2,612
Burkina Faso	4,177
Niger	3,996
Nigeria	41,363
Senegal	3,644
Population of women age 15-49 in regional countries in analysis	55,791
% population coverage	69
Northern Africa and Western Asia	120,956
Armenia	721
Azerbaijan	2,690
Egypt	21,659
Jordan	2,069
Morocco	9,254
Turkey	20,663
Population of women age 15-49 in regional countries in analysis	57,057
% population coverage	47
Eastern Europe and Central Asia	89,395
Kazakhstan	4,433
Kyrgyz Republic	1,528
Moldova	879
Tajikistan	2,226
Ukraine	10,873
Population of women age 15-49 in regional countries in analysis	19,940
% population coverage	22

APPENDIX TABLE 1. Subregion populations and population coverage for pooled subregional failure rates, 43 countries

Subregion and country	Population of women 15–49, 2015, in 000s
Southern Asia	470,589
Bangladesh	45,235
India	331,934
Maldives	103
Nepal	7,928
Pakistan	49,269
Population of women age 15-49 in regional countries in analysis	434,469
% population coverage	92
Southeastern Asia	170,976
Cambodia	4,204
Indonesia	68,145
Philippines	26,314
Viet Nam	26,074
Population of women age 15-49 in regional countries in analysis	124,737
% population coverage	73
Latin America and the Caribbean	168,716
Bolivia	2,817
Brazil	55,548
Colombia	13,254
Dominican Republic	2,766
Guatemala	4,112
Honduras	2,227
Paraguay	1,821
Peru	8,279
Population of women age 15-49 in regional countries in analysis	90,824
% population coverage	54

APPENDIX TABLE 2. Numbers of women and episodes of contraceptive use (unweighted), 43 countries, 1990–2013

Subregion, country and survey year	No. of women 15–49	No. of episodes of contraceptive use						
		Pill	IUD	Injectables	Implants	Male condom	Periodic abstinence	Withdrawal
Eastern Africa								
Burundi 2010	9,389	328	139	1,112	42	140	173	195
Comoros 2012	5,329	131	4	249	64	123	141	112
Ethiopia 2005	14,070	748	30	1,486	26	148	191	46
Kenya 2003	8,195	953	113	1,193	86	355	656	81
Malawi 2004	11,698	468	10	2,985	43	511	93	514
Mozambique 2011	13,745	1,225	24	959	4	792	20	13
Rwanda 2010	13,671	1,038	37	3,068	539	270	298	334
Tanzania 2004–05	10,329	1,226	16	1,362	31	514	328	482
Uganda 2011	8,674	498	42	1,747	179	439	144	225
Zimbabwe 2010–11	9,171	3,369	13	852	196	536	6	103
Western Africa								
Benin 2011–12	16,599	394	72	418	157	611	475	183
Burkina Faso 2010	17,087	786	36	1,325	547	588	202	12
Niger 2012	11,160	1,626	18	531	46	19	22	10
Nigeria 2013	38,948	1,087	276	1,281	78	2,178	868	1,216
Senegal 2010–11	15,688	688	54	982	137	182	67	24
Northern Africa and Western Asia								
Armenia 2010	5,922	69	207	0	0	410	104	841
Azerbaijan 2006	8,444	104	352	3	0	187	178	1,795
Egypt 2008	16,527	3,161	4,726	1,753	144	130	67	41
Jordan 2012	11,352	2,402	2,438	328	56	1,243	555	3,210
Morocco 2003–04	16,798	6,144	493	428	0	244	597	670
Turkey 2003	8,075	888	1,200	173	0	1,240	139	2,931
Eastern Europe and Central Asia								
Kazakhstan 1999	4,800	380	1,075	57	0	581	294	231
Kyrgyz Republic 2012	8,208	191	1,144	53	0	614	23	162
Moldova 2005	7,440	452	905	9	2	925	244	1,258
Tajikistan 2012	9,656	237	1,037	165	4	257	5	144
Ukraine 2007	6,841	348	553	5	0	1,559	405	646
Southern Asia								
Bangladesh 2011	17,749	6,755	138	2,588	189	1,578	1,101	350
India 2005–06	124,385	6,142	2,716	227	2	7,872	5,228	3,734
Maldives 2009	7,131	511	40	157	23	1,051	211	406
Nepal 2011	12,674	1,165	122	1,800	108	1,131	119	903
Pakistan 2012–13	13,557	627	467	968	16	1,973	123	1,370
Southeastern Asia								
Cambodia 2010	18,754	2,264	289	1,440	68	346	407	1,350
Indonesia 2012	45,607	6,145	791	11,975	1,256	608	514	852
Philippines 2003	13,633	1,998	315	698	1	366	819	1,258
Viet Nam 2002	5,665	502	1,211	22	0	409	411	868
Latin America and the Caribbean								
Bolivia 1994	8,603	544	451	192	2	209	2,181	258
Brazil 1996	12,612	3,713	118	393	0	1,196	575	637
Colombia 2010	49,562	6,569	2,171	9,500	1,137	8,353	1,414	2,690
Dominican Republic 2002	23,384	6,622	491	1,050	107	1,033	656	931
Guatemala 1998–99	6,021	422	77	312	0	136	298	90
Honduras 2011–12	22,757	4,590	1,048	6,497	4	3,343	990	2,683
Paraguay 1990	5,827	1,392	224	740	0	271	499	179
Peru 2012	23,888	4,091	287	6,835	11	5,148	4,252	2,404

Note : Episodes presented are the number contributing to month 1 of the life table.

APPENDIX TABLE 3. Sensitivity analysis showing how failure rates are affected under different assumptions of the length of left-truncated episodes, 43 countries, 1990–2013

Method, subregion, country and survey year	12-month failure rates*					24-month failure rates*					36-month failure rates*				
	Min	Standard	Max	Absolute difference		Min	Standard	Max	Absolute difference		Min	Standard	Max	Absolute difference	
				Min	Max				Min	Max				Min	Max
Pill															
Eastern Africa															
Burundi 2010	7.3	7.6	7.6	-0.2	0.0	11.1	11.9	11.9	-0.8	0.0	12.9	14.6	14.6	-1.7	0.0
Comoros 2012	1.8	1.9	2.1	-0.1	0.2	6.4	8.0	8.0	-1.6	0.0	8.7	11.4	11.9	-2.8	0.5
Ethiopia 2005	2.6	2.8	2.8	-0.2	0.0	4.1	4.4	4.5	-0.3	0.1	4.9	5.5	5.5	-0.7	0.0
Kenya 2003	3.8	4.0	4.2	-0.2	0.2	6.9	7.0	7.3	0.0	0.3	7.9	8.1	9.0	-0.2	0.8
Malawi 2004	6.8	6.8	6.8	0.0	0.1	8.4	8.6	8.8	-0.2	0.2	8.9	9.0	9.6	-0.1	0.6
Mozambique 2011	3.1	3.3	3.3	-0.1	0.0	4.5	4.8	4.8	-0.3	0.0	6.3	7.2	7.2	-0.8	0.0
Rwanda 2010	3.8	3.8	3.8	0.0	0.0	7.2	7.4	7.5	-0.3	0.0	9.3	9.7	9.8	-0.4	0.1
Tanzania 2004–05															
Uganda 2011	8.8	9.4	9.4	-0.6	0.0	11.0	11.8	11.8	-0.7	0.0	12.2	12.5	12.9	-0.3	0.4
Zimbabwe 2010–11															
Western Africa															
Benin 2011–12															
Burkina Faso 2010	1.9	1.9	2.2	0.0	0.3	3.1	3.2	3.6	-0.2	0.4	4.1	4.7	5.1	-0.6	0.4
Niger 2012	0.9	0.9	0.9	-0.1	0.0	2.0	2.3	2.3	-0.3	0.0	2.3	2.7	2.7	-0.4	0.0
Nigeria 2013	2.6	2.8	2.8	-0.2	0.0	6.4	7.9	8.0	-1.5	0.1	8.9	10.6	10.7	-1.7	0.1
Senegal 2010–11															
Northern Africa and Western Asia															
Armenia 2010															
Azerbaijan 2006															
Egypt 2008	5.1	6.2	6.2	-1.1	0.0	8.3	10.1	10.1	-1.8	0.0	9.9	11.6	11.6	-1.7	0.0
Jordan 2012	5.8	6.1	6.4	-0.4	0.3	10.0	10.3	10.6	-0.3	0.3	11.5	11.8	12.3	-0.4	0.4
Morocco 2003–04															
Turkey 2003	5.5	5.5	5.8	0.0	0.3	7.7	7.7	8.5	0.0	0.7	8.5	8.5	10.0	0.0	1.6
Eastern Europe and Central Asia															
Kazakhstan 1999	9.3	9.9	9.9	-0.5	0.0	11.7	12.7	13.1	-1.0	0.4	12.5	13.2	13.7	-0.7	0.5
Kyrgyz Republic 2012	8.4	9.8	9.8	-1.4	0.0	12.4	13.1	14.2	-0.7	1.1	13.3	13.7	15.9	-0.4	2.2
Moldova 2005	4.8	5.1	5.3	-0.3	0.2	7.7	8.9	9.0	-1.2	0.1	9.5	10.2	10.4	-0.7	0.2
Tajikistan 2012	4.9	5.3	5.4	-0.5	0.1	7.3	7.3	8.8	0.0	1.5	8.9	8.9	10.5	0.0	1.6
Ukraine 2007	2.3	2.4	2.7	-0.1	0.3	3.1	3.4	3.6	-0.2	0.3	3.6	3.8	4.4	-0.2	0.7
Southern Asia															
Bangladesh 2011	3.9	4.3	4.3	-0.3	0.0	6.9	7.1	7.1	-0.3	0.0	9.0	9.5	9.6	-0.5	0.0
India 2005–06															
Maldives 2009	2.5	2.7	2.7	-0.2	0.0	4.2	4.8	4.8	-0.6	0.0	5.3	6.5	6.5	-1.2	0.0
Nepal 2011	2.9	3.0	3.0	-0.1	0.0	4.3	4.3	4.5	0.0	0.1	5.1	5.4	5.5	-0.3	0.1
Pakistan 2012–13															
Southeastern Asia															
Cambodia 2010	1.9	2.2	2.2	-0.2	0.0	3.1	3.2	3.3	-0.1	0.1	4.1	4.5	4.5	-0.4	0.0
Indonesia 2012	3.0	3.2	3.2	-0.2	0.0	4.8	4.9	5.1	-0.1	0.2	6.1	6.1	6.5	0.0	0.3
Philippines 2003	3.5	3.7	3.7	-0.2	0.0	5.7	6.1	6.2	-0.3	0.1	7.1	7.4	7.6	-0.3	0.3
Viet Nam 2002															
Latin America and the Caribbean															
Bolivia 1994	5.1	5.1	5.8	0.0	0.6	8.2	8.3	9.5	-0.2	1.2	9.6	9.8	10.8	-0.2	1.0
Brazil 1996	4.2	4.8	4.8	-0.6	0.0	6.9	7.6	7.6	-0.7	0.0	8.5	8.9	9.1	-0.4	0.2
Colombia 2010	4.8	5.0	5.0	-0.2	0.0	7.1	7.1	7.3	0.0	0.1	8.3	8.3	8.7	0.0	0.4
Dominican Republic 2002	6.8	6.9	7.0	-0.1	0.0	10.4	10.9	10.9	-0.6	0.0	11.7	12.4	12.5	-0.7	0.1
Guatemala 1998–99															
Honduras 2011–12															
Paraguay 1990	2.5	2.7	2.8	-0.2	0.1	3.7	4.2	4.3	-0.4	0.1	4.4	5.2	5.2	-0.8	0.0
Peru 2012	2.8	2.8	2.9	0.0	0.1	3.7	3.7	4.0	0.0	0.3	4.3	4.3	4.6	0.0	0.3
Average difference				-0.3	0.1				-0.5	0.3				-0.6	0.4
Max difference				-1.4	0.6				-1.8	1.5				-2.8	2.2

APPENDIX TABLE 3. Sensitivity analysis showing how failure rates are affected under different assumptions of the length of left-truncated episodes, 43 countries, 1990–2013 (Continued)

Method, subregion, country and survey year	12-month failure rates*					24-month failure rates*					36-month failure rates*				
	Min	Standard	Max	Absolute difference		Min	Standard	Max	Absolute difference		Min	Standard	Max	Absolute difference	
				Min	Max				Min	Max				Min	Max
IUD															
Eastern Africa															
Burundi 2010	3.1	3.7	3.7	-0.6	0.0	6.6	7.7	7.7	-1.1	0.0	7.1	7.7	8.2	-0.6	0.5
Comoros 2012															
Ethiopia 2005															
Kenya 2003															
Malawi 2004															
Mozambique 2011															
Rwanda 2010															
Tanzania 2004–05															
Uganda 2011															
Zimbabwe 2010–11															
Western Africa															
Benin 2011–12															
Burkina Faso 2010															
Niger 2012															
Nigeria 2013	0.9	1.0	1.1	-0.1	0.2	1.0	1.0	1.5	0.0	0.5	1.0	1.0	1.5	0.0	0.5
Senegal 2010–11															
Northern Africa and Western Asia															
Armenia 2010	0.0	0.0	0.5	0.0	0.5	0.0	0.0	0.5	0.0	0.5	0.7	0.7	1.2	0.0	0.5
Azerbaijan 2006	0.9	0.9	1.1	0.0	0.2	1.1	1.3	1.6	-0.1	0.4	1.4	1.4	1.9	0.0	0.4
Egypt 2008	0.6	0.9	0.9	-0.3	0.0	1.4	2.1	2.1	-0.7	0.0	1.9	2.8	2.8	-0.8	0.0
Jordan 2012	1.5	1.5	1.7	0.0	0.2	2.6	2.9	3.0	-0.3	0.1	3.3	3.7	3.9	-0.4	0.2
Morocco 2003–04															
Turkey 2003	1.1	1.5	1.5	-0.3	0.0	1.7	2.1	2.1	-0.3	0.0	2.0	2.1	2.5	-0.1	0.3
Eastern Europe and the Caucasus															
Kazakhstan 1999	2.8	3.1	3.1	-0.3	0.0	4.4	5.1	5.2	-0.7	0.0	5.2	5.6	6.3	-0.4	0.7
Kyrgyz Republic 2012	0.3	0.3	0.5	0.0	0.2	1.3	1.6	2.0	-0.3	0.3	2.4	2.8	2.9	-0.4	0.1
Moldova 2005	1.2	1.3	1.3	-0.1	0.0	1.8	2.4	2.5	-0.7	0.1	2.6	3.7	3.8	-1.1	0.1
Tajikistan 2012	0.2	0.4	0.4	-0.2	0.0	0.9	1.1	1.1	-0.2	0.0	1.2	1.5	1.6	-0.3	0.1
Ukraine 2007	0.3	0.5	0.5	-0.2	0.0	0.6	1.0	1.0	-0.4	0.0	1.0	1.0	1.2	0.0	0.2
Southern Asia															
Bangladesh 2011	1.4	1.6	1.6	-0.2	0.0	1.4	1.6	1.6	-0.2	0.0	1.4	1.6	1.6	-0.2	0.0
India 2005–06															
Maldives 2009															
Nepal 2011															
Pakistan 2012–13															
Southeastern Asia															
Cambodia 2010	0.3	0.3	0.3	-0.1	0.0	0.3	0.3	0.3	-0.1	0.0	0.3	0.3	0.3	-0.1	0.0
Indonesia 2012	0.2	0.2	0.3	0.0	0.1	0.5	0.6	0.7	-0.1	0.1	0.9	1.5	1.6	-0.6	0.1
Philippines 2003	0.4	0.6	0.6	-0.2	0.0	0.4	0.6	0.6	-0.2	0.0	0.6	0.6	1.1	0.0	0.5
Viet Nam 2002															
Latin America and the Caribbean															
Bolivia 1994	1.1	1.6	1.6	-0.5	0.0	1.8	1.8	2.1	0.0	0.4	1.8	1.8	2.9	0.0	1.1
Brazil 1996															
Colombia 2010	2.5	2.8	2.8	-0.3	0.0	3.8	4.4	4.4	-0.6	0.0	4.5	5.4	5.6	-0.9	0.2
Dominican Republic 2002	1.9	2.0	2.0	-0.1	0.0	2.7	3.0	3.2	-0.4	0.1	2.9	3.0	3.5	-0.1	0.5
Guatemala 1998–99															
Honduras 2011–12															
Paraguay 1990	1.7	2.2	2.2	-0.5	0.0	2.7	3.7	3.7	-1.0	0.0	3.4	4.8	4.8	-1.4	0.0
Peru 2012	0.2	0.2	0.2	0.0	0.0	0.6	1.1	1.1	-0.5	0.0	0.9	1.3	1.4	-0.4	0.1
Average difference				-0.2	0.1				-0.4	0.1				-0.4	0.3
Max difference				-0.6	0.5				-1.1	0.5				-1.4	1.1

APPENDIX TABLE 3. Sensitivity analysis showing how failure rates are affected under different assumptions of the length of left-truncated episodes, 43 countries, 1990–2013 (Continued)

Method, subregion, country and survey year	12-month failure rates*					24-month failure rates*					36-month failure rates*				
	Min	Standard	Max	Absolute difference		Min	Standard	Max	Absolute difference		Min	Standard	Max	Absolute difference	
				Min	Max				Min	Max				Min	Max
Injectables															
Eastern Africa															
Burundi 2010	1.7	1.7	1.8	0.0	0.0	2.7	2.7	3.3	0.0	0.6	3.4	3.4	4.0	0.0	0.6
Comoros 2012	1.4	1.4	2.4	0.0	1.0	3.9	3.9	5.3	0.0	1.4	4.5	4.8	6.1	-0.3	1.3
Ethiopia 2005	0.3	0.3	0.3	0.0	0.0	0.9	1.0	1.0	-0.1	0.0	1.5	1.8	1.8	-0.3	0.0
Kenya 2003	0.8	1.0	1.0	-0.1	0.0	1.6	1.9	1.9	-0.3	0.0	2.3	3.1	3.1	-0.8	0.0
Malawi 2004	1.2	1.4	1.4	-0.1	0.0	2.7	3.0	3.0	-0.2	0.0	3.5	4.0	4.0	-0.5	0.0
Mozambique 2011	1.3	1.4	1.4	-0.1	0.0	1.3	1.4	1.4	-0.1	0.0	1.8	2.0	2.2	-0.3	0.2
Rwanda 2010	1.2	1.2	1.2	0.0	0.0	2.3	2.4	2.4	-0.1	0.0	3.2	3.3	3.4	-0.1	0.1
Tanzania 2004–05															
Uganda 2011	3.3	3.5	3.5	-0.3	0.0	4.9	5.4	5.4	-0.4	0.0	5.6	5.7	5.8	-0.1	0.1
Zimbabwe 2010–11															
Western Africa															
Benin 2011–12															
Burkina Faso 2010	0.2	0.3	0.3	0.0	0.0	0.5	0.6	0.6	-0.1	0.0	0.5	0.6	0.6	-0.1	0.0
Niger 2012	0.1	0.2	0.2	0.0	0.0	0.5	0.6	0.6	-0.2	0.0	0.5	0.6	0.6	-0.2	0.0
Nigeria 2013	1.6	1.7	1.9	-0.1	0.2	3.7	4.2	4.2	-0.5	0.0	0.5	5.5	0.6	-0.2	0.0
Senegal 2010–11															
Northern Africa and Western Asia															
Armenia 2010															
Azerbaijan 2006															
Egypt 2008	0.8	0.9	0.9	-0.1	0.0	1.3	1.3	1.6	-0.1	0.3	1.6	1.6	2.1	0.0	0.5
Jordan 2012	1.9	1.9	2.7	0.0	0.8	3.3	3.3	4.4	0.0	1.1	3.3	3.3	5.0	0.0	1.7
Morocco 2003–04															
Turkey 2003	3.2	3.2	3.2	0.0	0.0	3.6	3.6	3.9	-0.1	0.3	4.1	4.9	4.9	-0.8	0.0
Eastern Europe and the Caucasus															
Kazakhstan 1999															
Kyrgyz Republic 2012															
Moldova 2005															
Tajikistan 2012	0.0	0.0	0.0	0.0	0.0	0.1	0.2	1.0	-0.1	0.8	1.4	2.6	2.6	-1.2	0.0
Ukraine 2007															
Southern Asia															
Bangladesh 2011	1.2	1.2	1.2	0.0	0.0	2.2	2.2	2.3	-0.1	0.1	2.7	2.7	3.0	0.0	0.3
India 2005–06															
Maldives 2009	0.3	0.3	0.3	0.0	0.0	0.3	0.3	0.3	0.0	0.0	0.3	0.3	0.3	0.0	0.0
Nepal 2011	0.5	0.6	0.6	-0.1	0.0	0.7	0.9	0.9	-0.1	0.0	0.9	1.0	1.1	-0.2	0.1
Pakistan 2012–13															
Southeastern Asia															
Cambodia 2010	1.5	1.5	1.7	0.0	0.2	2.4	2.4	2.8	0.0	0.4	3.1	3.4	4.2	-0.3	0.8
Indonesia 2012	0.4	0.4	0.6	0.0	0.2	1.0	1.0	1.2	0.0	0.1	1.6	1.8	1.8	-0.2	0.0
Philippines 2003	1.2	1.3	1.3	-0.1	0.0	1.9	2.1	2.5	-0.2	0.4	2.4	2.4	2.9	0.0	0.5
Viet Nam 2002															
Latin America and the Caribbean															
Bolivia 1994	3.7	4.6	4.6	-0.9	0.0	4.8	5.9	5.9	-1.1	0.0	5.4	5.9	6.0	-0.5	0.1
Brazil 1996	3.8	4.7	4.7	-0.8	0.0	5.1	5.8	6.0	-0.7	0.2	6.5	7.7	7.7	-1.2	0.0
Colombia 2010	3.9	3.9	4.1	0.0	0.2	5.9	5.9	6.3	0.0	0.4	7.1	7.1	7.7	0.0	0.7
Dominican Republic 2002	4.4	4.6	4.6	-0.2	0.0	5.2	5.3	5.7	-0.1	0.4	5.9	6.0	6.3	-0.1	0.3
Guatemala 1998–99															
Honduras 2011–12															
Paraguay 1990	7.3	7.9	7.9	-0.6	0.0	8.0	8.8	8.8	-0.8	0.0	8.5	9.5	9.5	-1.1	0.0
Peru 2012	1.0	1.0	1.0	0.0	0.0	1.4	1.5	1.5	0.0	0.0	1.8	1.9	1.9	-0.1	0.0
Average difference				-0.1	0.1				-0.2	0.2				-0.3	0.3
Max difference				-0.9	1.0				-1.1	1.4				-1.2	1.7

APPENDIX TABLE 3. Sensitivity analysis showing how failure rates are affected under different assumptions of the length of left-truncated episodes, 43 countries, 1990–2013 (Continued)

Method, subregion, country and survey year	12-month failure rates*					24-month failure rates*					36-month failure rates*				
	Min	Standard	Max	Absolute difference		Min	Standard	Max	Absolute difference		Min	Standard	Max	Absolute difference	
				Min	Max				Min	Max				Min	Max
Implants															
Eastern Africa															
Burundi 2010															
Comoros 2012															
Ethiopia 2005															
Kenya 2003															
Malawi 2004															
Mozambique 2011															
Rwanda 2010	0.3	0.3	0.3	0.0	0.0	0.3	0.3	0.3	0.0	0.0	0.3	0.3	0.3	0.0	0.0
Tanzania 2004–05															
Uganda 2011	0.7	0.8	0.8	0.0	0.0	1.0	1.1	2.2	-0.1	1.1	3.6	4.8	5.3	-1.2	0.5
Zimbabwe 2010–11															
Western Africa															
Benin 2011–12															
Burkina Faso 2010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0			
Niger 2012															
Nigeria 2013															
Senegal 2010–11															
Northern Africa and Western Asia															
Armenia 2010															
Azerbaijan 2006															
Egypt 2008	0.9	1.6	1.6	-0.7	0.0	1.3	2.4	2.4	-1.1	0.0	1.7	2.4	2.6	-0.8	0.2
Jordan 2012															
Morocco 2003–04															
Turkey 2003															
Eastern Europe and the Caucasus															
Kazakhstan 1999															
Kyrgyz Republic 2012															
Moldova 2005															
Tajikistan 2012															
Ukraine 2007															
Southern Asia															
Bangladesh 2011	0.7	1.1	1.1	-0.4	0.0	0.7	1.1	1.1	-0.4	0.0	0.7	1.1	1.1	-0.4	0.0
India 2005–06															
Maldives 2009															
Nepal 2011															
Pakistan 2012–13															
Southeastern Asia															
Cambodia 2010															
Indonesia 2012	0.2	0.2	0.3	0.0	0.1	0.6	0.8	0.8	-0.2	0.0	0.8	1.0	1.2	-0.2	0.1
Philippines 2003															
Viet Nam 2002															
Latin America and the Caribbean															
Bolivia 1994															
Brazil 1996															
Colombia 2010	0.2	0.2	0.3	0.0	0.1	0.2	0.2	0.6	0.0	0.4	0.2	0.2	0.9	0.0	0.7
Dominican Republic 2002															
Guatemala 1998–99															
Honduras 2011–12															
Paraguay 1990															
Peru 2012															
Average difference				-0.2	0.0				-0.2	0.2				-0.4	0.2
Max difference				-0.7	0.1				-1.1	1.1				-1.2	0.7

APPENDIX TABLE 3. Sensitivity analysis showing how failure rates are affected under different assumptions of the length of left-truncated episodes, 43 countries, 1990–2013 (Continued)

Method, subregion, country and survey year	12-month failure rates*					24-month failure rates*					36-month failure rates*				
	Min	Standard	Max	Absolute difference		Min	Standard	Max	Absolute difference		Min	Standard	Max	Absolute difference	
				Min	Max				Min	Max				Min	Max
Male condom															
Eastern Africa															
Burundi 2010	2.5	2.5	3.2	0.0	0.7	2.5	2.5	3.4	0.0	0.9	5.1	5.2	6.2	-0.1	1.0
Comoros 2012															
Ethiopia 2005	1.0	1.3	1.3	-0.3	0.0	5.5	7.9	7.9	-2.4	0.0	9.1	11.7	11.8	-2.6	0.1
Kenya 2003	3.2	3.7	3.7	-0.5	0.0	5.5	6.4	6.4	-0.9	0.0	7.6	9.5	9.5	-2.0	0.0
Malawi 2004	2.3	2.5	2.5	-0.2	0.0	5.1	5.9	5.9	-0.8	0.0	5.9	7.1	7.1	-1.2	0.0
Mozambique 2011	2.2	2.3	2.3	-0.1	0.0	3.5	3.8	3.8	-0.3	0.0	4.1	4.6	4.6	-0.4	0.1
Rwanda 2010	5.2	5.2	5.5	-0.1	0.3	8.2	8.5	9.1	-0.3	0.5	9.1	9.6	10.4	-0.5	0.8
Tanzania 2004–05															
Uganda 2011	3.7	3.9	3.9	-0.2	0.0	8.5	9.0	10.1	-0.5	1.1	9.9	10.0	12.4	-0.2	2.3
Zimbabwe 2010–11															
Western Africa															
Benin 2011–12															
Burkina Faso 2010	1.3	1.6	1.6	-0.3	0.0	2.3	2.6	2.6	-0.3	0.0	2.9	3.2	3.4	-0.3	0.2
Niger 2012															
Nigeria 2013	1.8	1.9	1.9	-0.1	0.0	3.6	3.9	3.9	-0.3	0.0	4.8	4.8	5.1	-0.1	0.3
Senegal 2010–11															
Northern Africa and Western Asia															
Armenia 2010	2.7	3.0	3.0	-0.3	0.0	6.7	6.8	8.3	-0.1	1.5	8.5	9.1	11.3	-0.6	2.1
Azerbaijan 2006	7.3	9.7	9.7	-2.4	0.0	9.7	12.5	12.5	-2.8	0.0	12.9	19.3	19.3	-6.4	0.0
Egypt 2008	7.1	8.2	8.8	-1.0	0.7	10.7	12.7	13.5	-2.1	0.7	12.7	12.7	14.6	0.0	1.9
Jordan 2012	11.2	11.9	11.9	-0.7	0.0	16.8	18.4	18.4	-1.6	0.0	21.4	25.2	25.2	-3.7	0.0
Morocco 2003–04															
Turkey 2003	5.5	5.7	5.7	-0.1	0.0	8.8	9.8	9.8	-1.1	0.0	10.2	12.0	12.3	-1.9	0.3
Eastern Europe and the Caucasus															
Kazakhstan 1999	10.0	10.5	10.5	-0.5	0.0	14.6	15.3	15.4	-0.7	0.0	17.3	18.8	18.9	-1.4	0.2
Kyrgyz Republic 2012	10.2	11.5	11.5	-1.3	0.0	17.8	19.1	19.4	-1.3	0.2	22.5	22.8	24.1	-0.3	1.3
Moldova 2005	4.4	5.0	5.0	-0.6	0.0	7.7	8.8	8.8	-1.1	0.0	10.4	11.8	11.8	-1.4	0.0
Tajikistan 2012	5.3	5.3	5.9	0.0	0.7	8.9	9.3	9.8	-0.4	0.5	9.1	9.6	11.2	-0.5	1.5
Ukraine 2007	2.8	3.0	3.0	-0.2	0.0	4.1	4.4	4.6	-0.3	0.2	5.3	6.1	6.1	-0.8	0.0
Southern Asia															
Bangladesh 2011	7.8	7.8	8.1	0.0	0.3	11.9	11.9	12.3	0.0	0.5	13.7	13.7	14.8	0.0	1.0
India 2005–06															
Maldives 2009	4.0	4.1	4.1	-0.1	0.0	6.3	7.0	7.0	-0.7	0.0	8.0	8.9	8.9	-0.9	0.0
Nepal 2011	3.6	4.0	4.0	-0.4	0.0	5.8	6.6	6.6	-0.8	0.0	6.6	8.0	8.0	-1.4	0.1
Pakistan 2012–13															
Southeastern Asia															
Cambodia 2010	2.9	3.5	3.5	-0.6	0.0	7.7	10.7	10.7	-3.0	0.0	8.7	11.5	11.5	-2.8	0.0
Indonesia 2012	1.9	2.1	2.1	-0.2	0.0	2.9	3.3	3.8	-0.4	0.5	4.9	6.4	6.6	-1.5	0.1
Philippines 2003	7.7	7.7	8.7	0.0	1.0	10.4	10.4	11.5	0.0	1.1	12.9	13.8	14.1	-0.8	0.3
Viet Nam 2002															
Latin America and the Caribbean															
Bolivia 1994	5.1	5.4	5.9	-0.3	0.5	5.4	5.4	6.9	0.0	1.5	6.6	6.9	8.2	-0.3	1.3
Brazil 1996	4.6	5.1	5.1	-0.5	0.0	6.9	7.8	7.8	-0.9	0.0	8.7	9.6	9.7	-0.9	0.0
Colombia 2010	3.6	3.6	3.7	0.0	0.0	5.4	5.4	5.5	0.0	0.1	6.3	6.3	6.5	0.0	0.2
Dominican Republic 2002	2.9	2.9	3.2	0.0	0.4	3.7	3.7	4.2	0.0	0.6	4.8	4.8	5.5	0.0	0.8
Guatemala 1998–99															
Honduras 2011–12															
Paraguay 1990	3.7	4.2	4.2	-0.5	0.0	4.8	5.5	5.5	-0.8	0.0	6.2	7.3	7.3	-1.1	0.0
Peru 2012	5.8	6.0	6.1	-0.2	0.1	7.8	7.9	8.1	0.0	0.3	9.2	9.2	9.5	0.0	0.3
Average difference				-0.4	0.1				-0.8	0.3				-1.1	0.5
Max difference				-2.4	1.0				-3.0	1.5				-6.4	2.3

APPENDIX TABLE 3. Sensitivity analysis showing how failure rates are affected under different assumptions of the length of left-truncated episodes, 43 countries, 1990–2013 (Continued)

Method, subregion, country and survey year	12-month failure rates*					24-month failure rates*					36-month failure rates*				
	Min	Standard	Max	Absolute difference		Min	Standard	Max	Absolute difference		Min	Standard	Max	Absolute difference	
				Min	Max				Min	Max				Min	Max
Periodic abstinence															
Eastern Africa															
Burundi 2010	16.6	16.6	17.1	0.0	0.5	21.8	21.9	22.9	0.0	1.0	23.6	24.4	26.8	-0.8	2.4
Comoros 2012	6.4	7.6	7.6	-1.2	0.0	7.2	7.9	8.0	-0.7	0.1	7.7	8.8	9.0	-1.1	0.2
Ethiopia 2005	5.1	5.4	5.4	-0.3	0.0	10.7	12.7	12.7	-2.0	0.0	11.5	13.9	14.2	-2.3	0.3
Kenya 2003	14.2	15.4	15.4	-1.2	0.0	26.8	28.7	29.1	-2.0	0.3	33.5	35.1	35.6	-1.6	0.5
Malawi 2004															
Mozambique 2011															
Rwanda 2010	11.9	12.7	12.7	-0.8	0.0	20.3	21.1	21.5	-0.8	0.4	24.8	26.4	26.7	-1.6	0.3
Tanzania 2004–05															
Uganda 2011	8.4	9.8	9.8	-1.3	0.0	16.6	18.0	18.0	-1.4	0.0	20.7	20.8	22.7	0.0	1.9
Zimbabwe 2010–11															
Western Africa															
Benin 2011–12															
Burkina Faso 2010	9.2	10.7	10.7	-1.6	0.0	14.3	18.0	18.0	-3.7	0.0	15.0	19.2	20.0	-4.2	0.9
Niger 2012															
Nigeria 2013	5.3	6.5	6.5	-1.1	0.0	8.5	10.5	10.5	-2.1	0.0	10.6	12.3	12.5	-1.7	0.2
Senegal 2010–11															
Northern Africa and Western Asia															
Armenia 2010															
Azerbaijan 2006	12.4	13.8	13.8	-1.5	0.0	23.5	31.8	31.8	-8.3	0.0	28.8	36.5	36.9	-7.7	0.5
Egypt 2008															
Jordan 2012	18.3	20.5	20.5	-2.2	0.0	24.1	24.9	25.0	-0.8	0.2	25.6	26.9	28.0	-1.3	1.1
Morocco 2003–04															
Turkey 2003	17.9	19.7	19.7	-1.8	0.0	22.6	23.8	24.1	-1.2	0.4	23.2	25.0	26.6	-1.8	1.6
Eastern Europe and the Caucasus															
Kazakhstan 1999	20.0	21.1	21.1	-1.1	0.0	25.7	29.9	29.9	-4.2	0.0	28.1	33.6	34.0	-5.5	0.4
Kyrgyz Republic 2012															
Moldova 2005	9.8	11.4	11.4	-1.6	0.0	14.8	18.8	18.8	-4.0	0.0	17.7	23.2	23.2	-5.5	0.0
Tajikistan 2012															
Ukraine 2007	6.8	8.4	8.4	-1.6	0.0	9.7	12.1	12.1	-2.4	0.0	11.7	14.4	14.6	-2.7	0.2
Southern Asia															
Bangladesh 2011	4.9	5.3	5.3	-0.4	0.0	10.1	12.7	12.7	-2.6	0.0	13.2	16.5	16.8	-3.4	0.3
India 2005–06															
Maldives 2009	3.6	3.7	3.7	-0.1	0.0	6.3	8.1	8.1	-1.9	0.0	7.9	9.1	9.1	-1.2	0.0
Nepal 2011															
Pakistan 2012–13															
Southeastern Asia															
Cambodia 2010	3.7	3.7	4.3	0.0	0.6	8.0	9.5	9.5	-1.6	0.0	12.0	16.7	16.7	-4.7	0.0
Indonesia 2012	4.5	4.6	5.3	-0.1	0.7	9.2	11.4	12.2	-2.2	0.8	12.7	18.4	19.1	-5.7	0.7
Philippines 2003	10.5	12.5	12.5	-2.1	0.0	19.7	22.9	22.9	-3.2	0.0	24.4	26.8	26.8	-2.4	0.0
Viet Nam 2002															
Latin America and the Caribbean															
Bolivia 1994	16.9	19.6	19.6	-2.7	0.0	28.5	33.3	33.3	-4.8	0.0	32.6	37.4	37.8	-4.8	0.4
Brazil 1996	14.8	17.0	17.0	-2.1	0.0	20.7	22.9	22.9	-2.2	0.0	24.4	26.0	27.1	-1.6	1.1
Colombia 2010	14.3	16.8	16.8	-2.5	0.0	20.0	22.6	22.6	-2.6	0.0	23.3	25.9	25.9	-2.7	0.0
Dominican Republic 2002	18.3	18.7	18.7	-0.4	0.0	24.2	25.9	25.9	-1.7	0.0	27.0	29.5	29.5	-2.6	0.0
Guatemala 1998–99															
Honduras 2011–12															
Paraguay 1990	16.1	18.5	18.5	-2.5	0.0	26.5	30.6	30.6	-4.2	0.0	29.5	32.6	33.1	-3.1	0.5
Peru 2012	14.0	16.3	16.3	-2.3	0.0	20.2	22.8	22.8	-2.6	0.0	23.8	26.4	26.5	-2.6	0.1
Average difference				-1.3	0.1				-2.5	0.1				-2.9	0.5
Max difference				-2.7	0.7				-8.3	1.0				-7.7	2.4

APPENDIX TABLE 3. Sensitivity analysis showing how failure rates are affected under different assumptions of the length of left-truncated episodes, 43 countries, 1990–2013 (Continued)

Method, subregion, country and survey year	12-month failure rates*					24-month failure rates*					36-month failure rates*				
	Min	Standard	Max	Absolute difference		Min	Standard	Max	Absolute difference		Min	Standard	Max	Absolute difference	
				Min	Max				Min	Max				Min	Max
Withdrawal															
Eastern Africa															
Burundi 2010	18.4	18.6	18.6	-0.3	0.0	28.1	28.5	30.4	-0.4	1.9	32.4	32.4	34.9	0.0	2.5
Comoros 2012															
Ethiopia 2005															
Kenya 2003															
Malawi 2004	9.6	10.1	10.1	-0.5	0.0	21.6	23.8	23.8	-2.2	0.0	23.9	26.7	26.9	-2.9	0.1
Mozambique 2011															
Rwanda 2010	13.0	14.0	14.0	-1.0	0.0	21.7	22.9	22.9	-1.2	0.0	24.7	26.7	27.5	-2.0	0.7
Tanzania 2004–05															
Uganda 2011	19.5	22.0	22.0	-2.5	0.0	29.0	31.2	31.5	-2.2	0.3	32.6	32.6	35.3	0.0	2.7
Zimbabwe 2010–11															
Western Africa															
Benin 2011–12															
Burkina Faso 2010															
Niger 2012															
Nigeria 2013	5.6	6.9	6.9	-1.3	0.0	13.0	15.0	15.0	-2.0	0.0	16.7	18.1	18.1	-1.4	0.0
Senegal 2010–11															
Northern Africa and Western Asia															
Armenia 2010	11.8	14.0	14.0	-2.2	0.0	19.2	25.8	25.8	-6.6	0.0	23.0	30.4	30.6	-7.4	0.2
Azerbaijan 2006	14.6	18.6	18.6	-4.0	0.0	24.0	31.3	31.4	-7.3	0.1	28.6	37.6	37.6	-9.0	0.0
Egypt 2008															
Jordan 2012	12.1	12.8	12.8	-0.7	0.0	18.7	19.9	19.9	-1.2	0.0	22.9	24.4	24.4	-1.5	0.0
Morocco 2003–04															
Turkey 2003	12.3	13.1	13.1	-0.8	0.0	18.7	21.2	21.2	-2.5	0.0	21.9	25.2	25.2	-3.3	0.0
Eastern Europe and the Caucasus															
Kazakhstan 1999	17.5	17.6	18.2	-0.2	0.5	23.8	24.4	24.9	-0.6	0.5	24.2	24.4	26.8	-0.2	2.4
Kyrgyz Republic 2012	5.4	6.3	6.3	-0.8	0.0	12.8	16.5	16.5	-3.7	0.0	15.5	22.0	22.0	-6.5	0.0
Moldova 2005	10.6	12.9	12.9	-2.3	0.0	17.4	22.9	22.9	-5.6	0.0	21.4	28.5	28.5	-7.1	0.0
Tajikistan 2012	4.7	6.1	6.1	-1.4	0.0	8.4	11.6	11.6	-3.2	0.0	12.8	16.9	16.9	-4.1	0.0
Ukraine 2007	7.6	8.1	8.1	-0.5	0.0	10.9	12.0	12.3	-1.1	0.3	13.5	15.6	15.8	-2.1	0.2
Southern Asia															
Bangladesh 2011	6.5	8.0	8.0	-1.5	0.0	12.1	15.9	15.9	-3.8	0.0	14.5	19.3	19.3	-4.9	0.0
India 2005–06															
Maldives 2009	6.4	6.4	6.8	0.0	0.4	12.0	12.1	12.6	-0.1	0.5	15.0	15.0	17.1	0.0	2.1
Nepal 2011	5.8	6.7	6.7	-0.9	0.0	8.3	9.5	9.5	-1.2	0.0	10.4	12.8	12.8	-2.4	0.0
Pakistan 2012–13															
Southeastern Asia															
Cambodia 2010	6.9	7.8	7.8	-0.9	0.0	13.7	15.2	15.2	-1.5	0.0	17.5	19.5	19.5	-2.1	0.0
Indonesia 2012	4.9	5.5	5.5	-0.6	0.0	8.7	11.4	11.4	-2.7	0.0	11.4	16.0	16.0	-4.6	0.0
Philippines 2003	15.7	17.2	17.2	-1.5	0.0	26.1	29.1	29.1	-3.0	0.0	30.1	33.9	33.9	-3.8	0.0
Viet Nam 2002															
Latin America and the Caribbean															
Bolivia 1994	15.1	15.1	15.7	0.0	0.6	22.8	24.5	24.7	-1.7	0.2	25.9	28.6	29.3	-2.8	0.6
Brazil 1996	13.8	15.7	15.7	-1.9	0.0	21.0	23.4	23.4	-2.4	0.0	23.7	26.7	26.7	-3.1	0.0
Colombia 2010	10.9	11.4	11.4	-0.5	0.0	17.4	19.1	19.1	-1.7	0.0	19.8	21.6	21.9	-1.8	0.2
Dominican Republic 2002	12.2	12.7	12.7	-0.5	0.0	17.1	18.0	18.0	-0.9	0.0	19.1	20.1	20.2	-1.0	0.1
Guatemala 1998–99															
Honduras 2011–12															
Paraguay 1990	9.8	10.6	10.6	-0.7	0.0	15.0	15.6	16.4	-0.6	0.8	18.7	20.3	20.7	-1.6	0.4
Peru 2012	13.5	14.1	14.1	-0.6	0.0	19.1	19.4	19.6	-0.4	0.2	21.3	21.6	22.6	-0.3	1.1
Average difference				-1.1	0.1				-2.3	0.2				-2.9	0.5
Max difference				-4.0	0.6				-7.3	1.9				-9.0	2.7

*Number of failures per 100 episodes of use. Notes: Minimum (Min) and maximum (Max) columns show the minimum and maximum failure rates found under a series of simulations. Rates were simulated assuming that left-truncated episodes in fact began in the month the calendar began, and starting n months before the start of the calendar, where n = 0, 3, 6, 9, ..., 30, 33. The standard columns exclude all left-truncated episodes from the analysis.