

Supplement to: Jacobstein R, Radloff S, Khan F, et al. Down but not out: vasectomy is faring poorly almost everywhere—doing better to make it a true method option. *Glob Health Sci Pract.* 2023;11(1):e2200369.

**SUPPLEMENT TABLES OF COUNTRIES WITH VASECTOMY PREVALENCE
BELOW 1%**

Supplement Table 1. Countries in Eastern Africa and Southern Africa with Vasectomy
Prevalence Below 1%

Supplement Table 2. Countries in Middle Africa and Western Africa With Vasectomy
Prevalence Below 1%

Supplement Table 3. Countries in Northern Africa, Central Asia, and Western Asia With
Vasectomy Prevalence Below 1%

Supplement Table 4. LMICs in Southern Asia, South-Eastern Asia and Eastern Asia With
Vasectomy Prevalence Below 1%

Supplement Table 5. LMICs in LAC With Vasectomy Prevalence Below 1%

Supplement to: Jacobstein R, Radloff S, Khan F, et al. Down but not out: vasectomy is faring poorly almost everywhere—doing better to make it a true method option. *Glob Health Sci Pract.* 2023;11(1):e2200369.

Supplement Table 1. Countries in Eastern Africa and Southern Africa With Vasectomy Prevalence Below 1%

Country	Survey End Year	Age Group	M CPR (%)	Vasectomy prevalence (%)*	Vasectomy method share*	Tubectomy prevalence (%)*
Angola	2016	15-49	12.5	-	--	0.1
	2001	15-49	4.9	0.0	0.0	0.1
Burundi	2017	15-49	22.4	0.1	0.1%	0.5
	2009	15-49	19.6	0.0	--	--
Ethiopia	2019	15-49	35.8	--	--	0.3
	2011	15-49	27.3	--	--	0.5
Kenya	2020	15-49	60.1	0.0	--	2.9
	2009	15-49	39.4	0.1	0.2%	2.4
Madagascar	2018	15-49	40.5	0.1	0.2%	0.5
	2009	15-49	29.2	0.1	0.3%	1.1
Malawi	2020	15-49	64.7	0.1	0.2%	8.2
	2010	15-49	42.2	0.1	0.3%	4.7
Mozambique	2015	15-49	25.3	0.0	--	0.2
	2008	15-49	14.7	--	--	0.2
Rwanda	2020	15-49	56.9	0.2	0.4%	2.0
	2011	15-49	44.5	0.0	--	0.8
South Africa	2016	15-49	54.0	0.6	1.1%	7.7
	2004	15-49	59.8	0.7	1.2%	14.3
South Sudan	2015	15-49	5.0	--	--	--
	2006	15-49	3.3	--	--	0.0
Uganda	2021	15-49	42.7	--	--	2.1
	2011	15-49	26.0	0.1	0.3%	2.9
Tanzania	2016	15-49	32.0	0.1	0.3%	3.4
	2005	15-49	20.0	0.0	--	2.6
Zambia	2018	15-49	47.5	--	--	1.5
	2007	15-49	32.7	--	--	1.9
Zimbabwe	2015	15-49	65.8	0.0	--	0.8
	2006	15-49	58.4	0.1	0.2%	2.0

Data Source: UN Department of Economic and Social Affairs, Population Division (2022). *World Contraceptive Use 2022*. **Notes:** Data are for women married or in union (MWRA). Vasectomy's method share is its proportion of use among MWRA users of modern contraception. Lesotho and Namibia do not meet study criteria for population size, but have vasectomy prevalence of 0.4% (2018) and 0.3% (2013) respectively, with tubectomy prevalence of 1.7% and 6.4% respectively. *Dashes in these columns indicate that a value for vasectomy prevalence or tubectomy prevalence was not provided in the country's survey report (due to the very low number of surveyed women indicating reliance on vasectomy.)

Supplement to: Jacobstein R, Radloff S, Khan F, et al. Down but not out: vasectomy is faring poorly almost everywhere—doing better to make it a true method option. *Glob Health Sci Pract.* 2023;11(1):e2200369.

Supplement Table 2. Countries in Middle Africa and Western Africa With Vasectomy Prevalence Below 1%

Country	Survey End Year	Age Group	MCPR (%)	Vasectomy prevalence (%)*	Vasectomy method share*	Tubectomy prevalence (%)*
Benin	2018	15-49	12.0	--	--	--
	2006	15-49	6.1	--	--	0.3
Burkina Faso	2020	15-49	28.1	--	--	0.2
	2011	15-49	15.0	--	--	0.2
Cameroon	2018	15-49	15.0	--	--	0.3
	2006	15-49	15.2	--	--	0.4
Cent. Afr. Rep.	2019	15-49	14.4	0.1	0.7%	0.2
	2006	15-49	11.2	0.1	0.9%	0.3
Chad	2019	15-49	6.7	0.0	--	0.1
	2010	15-49	4.5	--	--	0.1
Congo	2015	15-49	18.5	0.0	--	0.2
	2005	15-49	12.7	--	--	0.2
Cote d'Ivoire	2017	15-49	18.9	0.0	--	0.2
	2006	15-49	9.3	--	--	--
DR Congo	2018	15-49	17.6	0.0	--	0.6
	2007	15-49	5.8	--	--	0.8
Ghana	2018	15-49	24.3	0.0	--	1.7
	2008	15-49	16.6	--	--	1.6
Guinea	2018	15-49	10.3	0.0	--	0.2
	2012	15-49	4.6	--	--	0.1
Liberia	2020	15-49	23.8	--	--	0.2
	2013	15-49	19.1	--	--	0.3
Mali	2018	15-49	16.4	--	--	0.4
	2010	15-49	8.8	--	--	--
Mauritania	2020	15-49	10.0	--	--	--
	2011	15-49	10.1	0.2	2.0%	0.2
Niger	2021	15-49	10.0	--	--	0.0
	2012	15-49	12.2	--	--	0.1
Nigeria	2018	15-49	18.8	0.0	--	0.5
	2008	15-49	9.7	--	--	0.4
Senegal	2019	15-49	25.4	0.0	--	0.7
	2011	15-49	12.1	--	--	0.2
Sierra Leone	2019	15-49	14.4	0.1	0.7%	0.2
	2010	15-49	10.0	--	--	--
Togo	2017	15-49	21.5	0.1	0.5%	1.0
	2006	15-49	11.6	0.0	--	0.3

Data Source: UN Department of Economic and Social Affairs, Population Division (2022). *World Contraceptive Use 2022*. **Notes:** Data are for women married or in union (MWRA). Vasectomy's method share is its proportion of use among MWRA users of modern contraception. *Dashes in these columns indicate that a value for vasectomy prevalence or tubectomy prevalence was not provided in the country's survey report (due to the very low number of surveyed women indicating reliance on vasectomy.)

Supplement to: Jacobstein R, Radloff S, Khan F, et al. Down but not out: vasectomy is faring poorly almost everywhere—doing better to make it a true method option. *Glob Health Sci Pract.* 2023;11(1):e2200369.

Supplement Table 3. Countries in Northern Africa, Central Asia, and Western Asia With Vasectomy Prevalence Below 1%

Country	Survey End Year	Age Group	M CPR (%)	Vasectomy prevalence (%)*	Vasectomy method share*	Tubectomy prevalence (%)*
Algeria	2019	15-49	44.9	0.1	0.2%	0.4
	2012	15-49	49.5	0.0	--	0.5
Azerbaijan	2011	15-49	13.9	--	--	0.9
	2001	15-44	11.9	--	--	1.2
Egypt	2014	15-49	56.9	--	--	1.2
	2005	15-49	56.5	--	--	1.3
Jordan	2018	15-49	37.4	--	--	1.5
	2009	15-49	42.0	0.0	--	2.6
Kazakhstan	2018	15-49	50.1	0.0	--	1.3
	2011	15-49	49.8	0.0	--	1.2
Kyrgyzstan	2018	15-49	37.8	0.2	0.5%	1.2
	2012	15-49	33.7	--	--	1.6
Morocco	2018	15-49	59.1	0.0	--	1.0
	2011	15-49	58.6	--	--	--
Saudi Arabia	2019	15-49	24.4	0.1	0.4%	--
	2007	15-49	23.8	--	--	--
State of Palestine	2020	15-49	42.8	0.3	0.7%	1.8
	2010	15-49	44.2	0.0	--	2.6
Sudan	2014	15-49	11.7	--	--	--
	2006	15-49	9.0	--	--	0.5
Tajikistan	2017	15-49	27.1	--	--	0.8
	2007	15-49	31.7	--	--	--
Tunisia	2018	15-49	44.3	0.1	0.2%	1.3
	2012	15-49	50.9	0.0	--	1.1
Turkmenistan	2019	15-49	47.3	0.0	--	0.3
	2006	15-49	46.9	--	--	--
Turkey	2018	15-49	49.0	--	--	10.4
	2008	15-49	46.0	0.1	0.2%	8.3
Yemen	2013	15-49	25.2	0.1	0.4%	2.3
	2006	15-49	19.2	--	--	2.3

Data Source: UN Department of Economic and Social Affairs, Population Division (2021). *World Contraceptive Use 2022*. **Notes:** Data for women married or in union (MWRA). Vasectomy's method share is its proportion of use among MWRA users of modern contraception. For Qatar, see Table 1. Oman does not meet study criteria for population size, but has vasectomy prevalence of 0.2% and tubectomy prevalence of 3.4% (2014). *Dashes in these columns indicate that a value for vasectomy prevalence or tubectomy prevalence was not provided in the country's survey report (due to the very low number of surveyed women indicating reliance on vasectomy.)

Supplement to: Jacobstein R, Radloff S, Khan F, et al. Down but not out: vasectomy is faring poorly almost everywhere—doing better to make it a true method option. *Glob Health Sci Pract.* 2023;11(1):e2200369.

Supplement Table 4. Countries in Southern Asia, South-Eastern Asia and Eastern Asia With Vasectomy Prevalence Below 1%

Country	Survey End Year	Age Group	MCPR (%)	Vasectomy prevalence (%)*	Vasectomy method share*	Tubectomy prevalence (%)*
Afghanistan	2018	12-49	17.4	--	--	0.2
	2010	12-49	19.9	0.0	--	1.4
Bangladesh	2019	15-49	59.1	0.5	0.8%	3.3
	2011	15-49	52.1	1.2	2.3%	5.0
Cambodia	2014	15-49	38.8	0.1	0.3%	3.0
	2006	15-49	27.2	0.1	0.4%	1.7
India	2016	15-49	47.8	0.3	0.6%	36.0
	2006	15-49	48.6	1.0	2.1%	37.3
Indonesia	2018	15-49	54.2	0.3	0.6%	1.9
	2008	15-49	55.2	0.4	0.7%	1.2
Iraq	2018	15-49	36.1	0.1	0.3%	3.0
	2011	15-49	33.8	--	--	3.1
Laos	2017	15-49	49.0	0.0	--	4.4
	2005	15-49	35.0	0.0	--	4.7
Malaysia	2014	15-49	34.3	--	--	6.9
	2004	15-49	32.3	--	--	--
Myanmar	2016	15-49	51.3	0.3	0.6%	4.8
	2007	15-49	38.4	1.0	2.6%	4.4
Pakistan	2019	15-49	23.4	--	--	7.8
	2008	15-49	19.3	--	--	6.5
Papua New Guinea	2018	15-49	30.5	0.8	2.6%	8.0
	2007	15-49	24.3	0.5	2.1%	8.6
Philippines	2017	15-49	40.1	0.0	--	7.4
	2006	15-49	35.9	0.1	0.3%	10.4
Sri Lanka	2016	15-49	53.6	0.0	--	14.0
	2007	15-49	52.5	0.7	1.3%	16.3
Thailand	2019	15-49	71.3	0.3	0.4%	25.2
	2009	15-49	77.5	0.9	1.2%	23.7
Viet Nam	2019	15-49	66.5	0.1	0.2%	1.1
	2010	15-49	67.5	0.2	0.3%	3.0

Data Source: UN Department of Economic and Social Affairs, Population Division (2021). *World Contraceptive Use 2022*. **Notes:** Data for women married or in union (MWRA). Vasectomy's method share is its proportion of use among MWRA users of modern contraception. For Bhutan, China, Iran, Nepal, and Taiwan see Table 1. *Dashes in these columns indicate that a value for vasectomy prevalence or tubectomy prevalence was not provided in the country's survey report (due to the very low number of surveyed women indicating reliance on vasectomy.)

Supplement to: Jacobstein R, Radloff S, Khan F, et al. Down but not out: vasectomy is faring poorly almost everywhere—doing better to make it a true method option. *Glob Health Sci Pract.* 2023;11(1):e2200369.

Supplement Table 5. LMICs in LAC With Vasectomy Prevalence Below 1%

Country	Survey End Year	Age Group	MCPR (%)	Vasectomy prevalence (%)*	Vasectomy method share*	Tubectomy prevalence (%)
Argentina	2020	15-49	68.2	0.2	0.3%	15.7
	2013	15-49	78.2	0.0	--	5.6
Bolivia	2016	15-49	45.1	0.1	0.2%	9.7
	2008	15-49	34.5	0.1	0.3%	6.5
Cuba	2019	15-49	67.9	0.0	--	20.7
	2010	15-49	73.2	0.0	--	23.9
Dominican Republic	2019	15-49	62.0	0.1	0.2%	30.5
	2010	15-49	71.1	--	--	44.1
Ecuador	2019	15-49	72.4	0.4	0.5%	28.8
	2012	15-49	71.7	0.3	0.4%	32.3
El Salvador	2014	15-44	67.6	0.3	0.4%	30.8
	2008	15-49	66.1	0.3	0.5%	35.3
Guatemala	2015	15-49	48.9	0.6	1.2%	21.0
	2009	15-49	44.0	0.8	1.8%	18.9
Haiti	2017	15-49	31.8	0.2	0.6%	1.2
	2006	15-49	24.8	--	--	2.1
Honduras	2012	15-49	63.8	0.3	0.5%	22.3
	2006	15-49	56.3	0.3	0.5%	21.2
Nicaragua	2012	15-49	77.4	0.4	0.5%	29.8
	2007	15-49	69.8	0.4	0.6%	24.3
Panama	2015	15-49	46.9	0.4	0.9%	16.8
	2009	15-49	59.5	0.2	0.3%	27.8
Paraguay	2016	15-49	66.5	0.1	0.2%	8.8
	2008	15-49	70.7	0.2	0.3%	9.9
Peru	2018	15-49	55.0	0.4	0.7%	9.6
	2008	15-49	49.1	0.3	0.6%	9.8

Data Source: UN Department of Economic and Social Affairs, Population Division (2022). *World Contraceptive Use 2022*. **Notes:** Data for women married or in union (MWRA). Vasectomy’s method share is its proportion of use among MWRA users of modern contraception. For Brazil, Colombia, Costa Rica and Mexico, see Table 1. Uruguay does not meet study criteria for population size, but had vasectomy prevalence of 0.6% and tubectomy prevalence of 9.1% in 2015, and 0.8% and 5.4% in 2004. *Dashes in these columns indicate that a value for vasectomy prevalence was not provided in the country’s survey report (due to the very low number of surveyed women indicating reliance on vasectomy.)