

Supplementary Table 1: Characteristics of included survey

Country	Survey type	Survey year	Sample size (n)
Afghanistan	DHS	2015	32,712
Angola	DHS	2015	14,322
Bangladesh	DHS	1994	3,874
	DHS	1997	6,189
	DHS	2000	6,832
	DHS	2004	6,908
	DHS	2007	6,150
	DHS	2011	8,753
	DHS	2014	7,886
Myanmar	DHS	2015	4,815
Burundi	DHS	1987	3,811
	DHS	2010	7,742
	DHS	2016	13,192
Cameroon	DHS	1991	3,350
	DHS	1998	2,317
	DHS	2004	8,125
	DHS	2011	11,732
Congo DR	DHS	2007	8,992
	DHS	2013	18,716
Benin	DHS	1996	3,011
	DHS	2001	5,349
	DHS	2006	16,075
	DHS	2011	13,407
Ethiopia	DHS	2000	10,873
	DHS	2005	9,861
	DHS	2011	1,164
	DHS	2016	10,641

Supplementary Table 1 Contd.: Characteristics of included survey

Country	Survey type	Survey year	Sample size (n)
Ghana	DHS	1988	4,136
	DHS	1993	2,204
	DHS	1998	3,298
	DHS	2003	3,844
	DHS	2008	2,992
	DHS	2014	5,884
Guinea	DHS	1999	5,834
	DHS	2005	6,364
	DHS	2012	7,039
India	DHS	1992	48,959
	DHS	1998	33,026
	DHS	2005	51,555
	DHS	2015	259,627
Cote d'ivoire	DHS	1994	3,998
	DHS	1998	1,992
	DHS	2011	7,776
Kenya	DHS	1989	6,980
	DHS	1993	6,115
	DHS	1998	3,531
	DHS	2003	5,949
	DHS	2008	6,079
	DHS	2014	20,964
Lesotho	DHS	2004	3,697
	DHS	2009	3,999
	DHS	2014	3,138
Madagascar	DHS	1992	5,273
	DHS	1997	3,681
	DHS	2003	5,415
	DHS	2008	12,448

Supplementary Table 1 Contd.: Characteristics of included survey

Country	Survey type	Survey year	Sample size (n)
Malawi	DHS	1992	4,495
	DHS	2000	11,926
	DHS	2004	10,914
	DHS	2010	19,967
	DHS	2016	17,286
Mali	DHS	1987	3,358
	DHS	1995	6,031
	DHS	2001	13,097
	DHS	2006	14,238
	DHS	2012	10,326
	Morocco	DHS	1987
DHS		1992	5,197
DHS		2003	6,180
Mozambique	DHS	1997	4,122
	DHS	2003	10,326
	DHS	2011	11,102
Niger	DHS	1992	6,899
	DHS	1998	4,798
	DHS	2006	9,193
	DHS	2012	12,558
Nigeria	DHS	1990	7,902
	DHS	1999	3,552
	DHS	2003	6,029
	DHS	2008	28,647
	DHS	2013	31,482
Pakistan	DHS	1991	6,428
	DHS	2006	9,177
	DHS	2012	11,763
Rwanda	DHS	1992	5,510
	DHS	2000	7,922
	DHS	2005	8,649
	DHS	2010	9,002
	DHS	2014	7,856

Supplementary Table 1 Contd.: Characteristics of included survey

Country	Survey type	Survey year	Sample size (n)
Senegal			
	DHS	1986	4,287
	DHS	1992	5,645
	DHS	1997	7,372
	DHS	2005	10,944
	DHS	2010	12,326
	DHS	2012	6,862
	DHS	2014	6,842
	DHS	2015	6,935
	DHS	2016	6,725
	DHS	2017	12,185
Zimbabwe			
	DHS	1988	3,358
	DHS	1994	2,438
	DHS	1999	3,643
	DHS	2005	5,246
	DHS	2010	5,563
	DHS	2015	6,132
Sudan			
	DHS	1989	6,644
Tunisia			
	DHS	1988	4,477
Uganda			
	DHS	1988	4,959
	DHS	1995	5,756
	DHS	2001	7,113
	DHS	2006	8,369
	DHS	2011	7,878
	DHS	2016	15,522
Egypt			
	DHS	1988	8,647
	DHS	1992	8,764
	DHS	1995	12,135
	DHS	2000	11,467
	DHS	2005	13,851
	DHS	2008	10,872
	DHS	2014	15,848

Supplementary Table 1 Contd.: Characteristics of included survey

Country	Survey type	Survey year	Sample size (n)
Tanzania	DHS	1991	8,138
	DHS	1996	6,789
	DHS	1999	3,215
	DHS	2004	8,564
	DHS	2010	8,023
	DHS	2015	10,233
Burkina Faso	DHS	1993	5,828
	DHS	1998	5,953
	DHS	2003	10,645
	DHS	2010	15,044
Yemen	DHS	1991	7,286
	DHS	2013	16,093
Zambia	DHS	1992	6,299
	DHS	1996	7,248
	DHS	2001	6,877
	DHS	2007	6,401
	DHS	2013	13,457
Total (N)			1, 520, 018