

## Online Supplementary Document

### A. Additional details for the method section

Table S1: Sample size

Country	Survey year	Number of live births in the two years preceding the survey
Benin	2011-2012	5,130
Burkina Faso	2010	5,988
Burundi	2010	3,721
Cameroon	2011	4,705
Comoros	2012	4,201
Congo	2011-2012	3,426
Cote D'Ivoire	2011-2012	3,111
Democratic Republic of the Congo	2013	7,168
Gabon	2012	3,083
Guinea	2012	2,818
Liberia	2013	2,944
Mozambique	2011	4,913
Niger	2012	4,705
Nigeria	2013	12,473
Rwanda	2010	6,742
Senegal	2010-2011	2,509
Sierra Leone	2013	5,310
Uganda	2011	3,092
United Republic of Tanzania	2010	1,298
Zimbabwe	2010-2011	2,448

## B. Additional results

**Table S2a: Coverage-quality gap for antenatal care interventions by country**

Country	Survey year	Women with at least 1 ANC from skilled provider (%) (C)	Women who received all ANC interventions (all women) (%) (D)	Coverage-quality gap (C-D)	Women with 4+ ANC, at least 1 with skilled provider (%) (E)	Women who received all ANC interventions (all women) (%) (F)	Coverage-quality gap (E-F)
Benin	2011-2012	84.3	7.5	76.8	56.6	6.7	49.9
Burkina Faso	2010	95.9	2.6	93.3	32.2	1.4	30.8
Cameroon	2011	83.4	4.4	79.0	58.1	4.0	54.1
Comoros	2012	91.9	0.4	91.5	47.3	0.3	47.0
Congo	2011-2012	92.1	6.0	86.1	75.7	5.6	70.1
Democratic Republic of the Congo	2013	64.8	1.4	63.4	34.2	0.9	33.3
Cote D'Ivoire	2011-2012	91.0	4.1	86.9	42.2	3.0	39.2
Gabon	2012	93.9	1.5	92.4	74.9	1.4	73.5
Guinea	2012	74.5	1.5	73.0	50.4	1.4	49.0
Liberia	2013	95.9	21.2	74.7	76.3	19.3	57.0
Mozambique	2011	90.4	2.9	87.5	47.8	1.8	46.0
Niger	2012	85.1	4.7	80.4	32.3	2.8	29.5
Nigeria	2013	61.2	4.4	56.8	44.8	3.6	41.2
Senegal	2010-2011	92.5	7.1	85.4	47.3	4.8	42.5
Sierra Leone	2013	97.4	19.6	77.8	71.9	16.0	55.9
United Republic of Tanzania	2010	95.1	6.9	88.2	36.5	4.0	32.5
Uganda	2011	94.6	3.3	91.3	45.7	2.7	43.0
Zimbabwe	2010-2011	86.9	1.4	85.5	58.5	1.2	57.3

**Table S2b: Coverage-quality gap for postnatal care interventions**

Country	Survey year	Percentage of births with skilled health personnel (C)	Women who received all PNC interventions (all women) (%) (D)	Coverage-quality gap (C-D)
Benin	2011-2012	82.6	8.8	73.8
Burkina Faso	2010	74.5	7.1	67.4
Burundi	2010	67.5	2.9	64.6
Comoros	2011-2012	86.3	0.7	85.6
Congo	2013	93.1	2.9	90.2
Cote D'Ivoire	2011-2012	61.0	2.9	58.1
Dem. Rep. of the Congo	2012	50.9	1.2	49.7
Gabon	2012	90.8	1.5	89.3
Guinea	2013	41.4	0.8	40.6
Liberia	2012	65.2	6.5	58.7
Niger	2013	33.5	1.6	31.9
Nigeria	2010	39.7	1.5	38.2
Rwanda	2010-2011	80.5	1.5	79.0
Senegal	2013	64.3	8.9	55.4
Sierra Leone	2010	62.6	8.6	54.0
United Republic of Tanzania	2011	50.4	0.1	50.3
Uganda	2011	59.0	1.7	57.3