

Summary of Survey Gap Analysis

The two most common household surveys conducted in developing countries to obtain nationally representative estimates of immunization coverage are the USAID-financed Demographic and Health Survey (DHS) and UNICEF-financed Multiple Indicator Cluster Survey (MICS). These surveys use similar methods and their results in terms of quality and precision are generally comparable. USAID supports conduct of DHS surveys on a 5-year cycle. UNICEF supported MICS surveys on a 5-year cycle for rounds 1, 2 and 3 (1995, 2000, 2005-06) but since round 4 (2009-11) and continuing through round 5 (2012-14) has been providing support on a 3-year cycle.

Past and planned DHS and MICS surveys in GAVI supported countries are presented in Table 1. As indicated in the table, the average interval between survey rounds is 4–5 years,¹ although this is highly variable between countries and over time. Based on these preliminary data, an assessment was made of countries that may experience a gap of 3 or more years between the last and next planned DHS or MICS. In all, 38 countries may require interim coverage surveys before 2015, in order to keep avoid having a gap of more than three years between surveys. In 21 countries, the last survey was conducted in 2011 or earlier and there is currently no plan to conduct another survey before 2015. In 17 countries, the last survey was conducted in 2011 or earlier and there may be a survey in 2013–2014, but this has not yet been confirmed. Overall, one-third to one-half of GAVI supported countries may need a supplementary coverage survey during 2013–2014, and this proportion may increase after 2015.

Many GAVI-eligible countries have still not confirmed plans to conduct a DHS or MICS survey in 2013–2014, and this table should be updated in early 2013. The decision to conduct MICS and DHS surveys is country-driven. Other factors that make it difficult to predict which countries will need supplementary immunization coverage surveys during 2013–2014 include:

- Confirmation of countries participating in MICS round 5 will occur in early 2013
- ICF Macro, which has been implementing DHS, can confirm support for country surveys only until October 2013, when their contract with USAID to support DHS ends; USAID will re-tender the contract following this
- The funding cycles for DHS (5 years) and MICS (3 years) are not synchronized

¹ The table is limited to review of DHS and MICS surveys, the primary source of nationally representative immunization coverage estimates in most GAVI-eligible countries. A few countries have conducted national immunization coverage surveys but there was insufficient documentation to assess their comparability with DHS and MICS surveys.

- An unusually large number of countries may conduct DHS and MICS surveys in 2013–2014 in order measure progress towards the 2015 Millennium Development Goals (MDG)

Data to be included in UN Millennium Development Goal reports should be available for inclusion in a global database by mid–2014. USAID and UNICEF are not planning on providing additional support to countries that want to conduct DHS or MICS surveys out–of–cycle.

Table 1. Past and planned DHS and MICS surveys in GAVI–eligible countries (“?” indicates the date of the survey is not yet confirmed)

Country	Eligible to apply for new GAVI support	Past and planned DHS and MICS surveys								Number of years between surveys	Average years between surveys	Last survey 2011 or earlier and next planned survey is after 2014
Afghanistan	Yes	2000	2003	2010	2010/11					3, 7, 3, (3+?)	4	yes
Angola	No	1996	2001	2013/14?						5, (12?)	9	maybe
Armenia	No	2000	2005	2010	2015?					5, 5, (5?)	5	yes
Azerbaijan	No	2000	2006	2014?						6, (8?)	7	maybe
Bangladesh	Yes	1993/4	1996/7	1999/2000	2001	2006	2011	2012	2016?	3, 3, 2, 5, 5, 1, (4?)	3	yes
Benin	Yes	1996	2001	2006	2011/12	2013–14	2016–17?			5, 5, 5, 2, (3?)	4	no
Bhutan	No	2010	2013/14?							(3?)	3	maybe
Bolivia	Yes	1989	1994	1998	2000	2003	2008	2014	2019?	5, 4, 2, 3, 5, 6, (5?)	4	no
Burkina Faso	Yes	1992/3	1998/9	2003	2006	2009	2010/11	2013–14?	2015–16?	6, 5, 3, 3, 1, (3?), (5?)	4	maybe
Burundi	Yes	1987	2000	2005	2010/11	2013–14?	2015–16?			13. 5, 5, (3?), (2?)	6	maybe
Cambodia	Yes	1998	2000	2005/6	2010/11	2013–14?	2015–16?			2, 5, 5, (3?), (2?)	3	maybe
Cameroon	Yes	1991	1998	2000	2004	2006	2011	2013–14?	2016?	7, 2, 4, 2, 5, (2?), (3?)	4	maybe
Central African Rep	Yes	1994/5	2000	2006	2010	2013–14				6, 6, 4, 3, (0+?)	5	no
Chad	Yes	1996/7	2000	2004/5	2010	2013–14				4, 5, 6, 3, (0+?)	5	no
Comoros	Yes	1996	2000	2012						4, 12, (1+?)	8	no
Congo, D.R.	Yes	2001	2007	2010	2013	2018?				6, 3, 3, (5?)	4	no
Congo, Rep.	No	2005	2011–12	2013/14						6, 2, (?)	4	no

Country	Eligible to apply for new GAVI support	Past and planned DHS and MICS surveys								Number of years between surveys	Average years between surveys	Last survey 2011 or earlier and next planned survey is after 2014
Cote d'Ivoire	Yes	1994	1998/9	2000	2006	2011/12	2013–14?	2016–17?		4, 2, 6, 5, (3?), (3?)	4	maybe
Cuba	No	2006	2010/11	2013/14						4, 3, (?)	4	no
Djibouti	Yes	2006								(7+?)	7+	yes
Eritrea	Yes	1995/6	2002							7, (10+?)	7	yes
Ethiopia	Yes	2000	2005	2010/11	2015–16?					5, 5, (5?)	5	yes
Gambia, The	Yes	2005/6	2010	2012						5, 2, (1+?)	4	no
Georgia	No	1999	2005							6, (7+?)	6	maybe
Ghana	Yes	1998	1993/4	1998/9	2003	2006	2008	2013–14	2018–19?	5, 5, 5, 3, 2, 5, (5?)	4	no
Guinea	Yes	1992	1999	2000	2002	2005	2012	2013–14?	2017?	7, 1, 2, 3, 7, (1?), (4?)	4	maybe
Guinea–Bissau	Yes	2000	2006	2010	2013–14					6, 4, 3, (0+?)	4	no
Guyana	Yes	2000	2006/7	2009	2013–14	2014?				6, 3, 4, (0+?)	4	no
Haiti	Yes	1994/5	2000	2005/6	2011–12	2017?				6, 5, 7, (5?)	5	no
Honduras	No	2005/6	2011/12	2016–17?						6, (5?)	6	yes
India	Yes	1992/3	1998/9	2000	2005/6	2013–14				6, 2, 5, 8, (0+?)	5	no
Indonesia	No	1987	1991	1994	1997	2000	2002/3	2007/8	2012	4, 3, 3, 3, 2, 5, 5, (1+?)	4	no
Kenya	Yes	1988/9	1993	1998	2000	2003	2008/9	2013	2018?	5, 5, 2, 3, 5, 5, (5?)	4	no
Kiribati	No									—	—	yes
Korea, DPR	Yes	1997	2000	2009						3, 9, (4+?)	6	yes
Kyrgyz Rep.	Yes	1997	2005/6	2012	2017?					8, 7, (5?)	7	yes
Lao PDR	Yes	2000	2006	2011/12						6, 5, (2+?)	6	no

Country	Eligible to apply for new GAVI support	Past and planned DHS and MICS surveys								Number of years between surveys	Average years between surveys	Last survey 2011 or earlier and next planned survey is after 2014
Lesotho	Yes	2000	2004/5	2009/10	2014?					4, 5, (5?)	5	maybe
Liberia	Yes	1986	1995	2007	2012/13	2017–18?				8, 12, 5, (5?)	8	no
Madagascar	Yes	1992	1997	2000	2003/4	2008/9	2012	2014?		5, 3, 3, 5, 4, (2?)	4	no
Malawi	Yes	1992	1995	2000	2004	2006	2010	2015?		3, 5, 4, 6, 4, (5?)	5	yes
Mali	Yes	1987	1995/6	2001	2006	2009/10	2012–13	2013–14?	2017–18?	8, 6, 5, 3, 3, (1?), (4?)	4	maybe
Mauritania	Yes	2000/1	2007	2011						7, 4, (2+?)	6	yes
Moldova	Yes	2000	2005	2012						5, 7, (1+?)	6	no
Mongolia	No	2000	2005	2010	2013–14					5, 5, 3, (0+?)	4	no
Mozambique	Yes	1995	1997	2003	2008	2011	2016?			2, 6, 5, 3, (5?)	4	yes
Myanmar	Yes	1995	2000	2009/10	2013–14?	2014?				5, 9, (4/5?)	6	maybe
Nepal	Yes	1996	2001	2006	2011	2013–14	2016?			5, 5, 5, 2, (3+)	4	no
Nicaragua	Yes	1997/8	2001							4, (12+?)	4	yes
Niger	Yes	1992	1995	1998	2000	2005	2006	2012	2013–14?	3, 3, 2, 5, 1, 6, (1?), (4?)	3	no
Nigeria	Yes	1990	1999	2003	2007	2008	2011	2013	2018?	9, 4, 4, 1, 3, 2, (5?)	4	no
Pakistan	Yes	1990/1	2006/7	2012	2017?					16, 6, (5)	9	no
PNG	Yes									—	—	yes
Rwanda	Yes	1992	2000	2005	2007/8	2010–11	2015–16?			8, 5, 2, 3 (5?)	5	yes
Sao Tome & Principe	Yes	2000	2006	2008/9	2013/14	2014?				6, 2, 5, (0+?)	4	no

Country	Eligible to apply for new GAVI support	Past and planned DHS and MICS surveys								Number of years between surveys	Average years between surveys	Last survey 2011 or earlier and next planned survey is after 2014
Senegal	Yes	1986	1992/3	1995	1997	1999	2000	2005	2010	6, 3, 2, 2, 1, 5, 5, 2, (1+?)	3	no
Sierra Leone	Yes	2000	2005	2008	2010	2013	2018?			5, 3, 2, 3, (5?)	4	no
Solomon Islands	Yes									—	—	yes
Somalia	Yes	1999	2006							7, (7+?)	7	yes
Sri Lanka	No	1987	2006/7							9, (7+?)	9	yes
Sudan	Yes	1989/90	2000	2010	2013– 14?					11, 10, (3?)	8	maybe
Tajikistan	Yes	2000	2005	2012	2013–14					5, 7, 1, (0+?)	4	no
Tanzania	Yes	1991/2	1996	1999	2004/5	2010	2015?			5,3, 5,6,(5?)	5	yes
Timor–Leste	No	2001	2002	2009/10	2014– 15?					1, 7, (5?)	4	maybe
Togo	Yes	1988	1998	2000	2006	2010	2013	2018?		10, 2, 6, 4, 3, (5?)	5	no
Uganda	Yes	1988/9	1995	2000/1	2006	2011	2013–14	2016?		7,5,6,5,2, (3?)	5	no
Ukraine	No	2000	2005	2007	2012					5, 2, 5, (1+?)	4	no
Uzbekistan	Yes	1996	2000	2006	2011					4, 6, 5, (2+?)	5	yes
Viet Nam	Yes	1997	2000	2002	2006	2010/11	2013– 14?			3, 2, 4, 4, (3+?)	3	maybe
Yemen, Rep.	Yes	1991/2	1997	2006	2013	2018?				6, 9, 7, (5?)	7	no
Zambia	Yes	1992	1995	1996/7	1999	2007	2013	2018?		3, 1, 3, 8, 5, (5?)	4	no
Zimbabwe	Yes	1988/9	1994	1999	2005/6	2009	2010/11	2013–14?	2015– 16?	6, 5, 6, 4, 1,(3?), (2?)	4	maybe