

# APPENDIX ONE

## INDICATORS FOR GLOBAL REPORTING

The global indicators on the following pages are included in the third round of the Multiple Indicator Cluster Survey. The indicators were selected because data relevant to them can be collected through household surveys and because they respond to the monitoring needs for goals established in the Millennium Declaration, the World Fit for Children Declaration and Plan of Action, the World Summit for Children and a number of other global commitments.

A brief description is provided of the numerator and denominator of each indicator. The international commitments to which each of the indicators apply is noted using the following abbreviations:

WSC	World Summit for Children
MDG	Millennium Development Goal, and Indicator (I)
WFFC	World Fit for Children Declaration and Plan of Action, Major Goal (MG) or Strategy/Action (SA)
Abuja	The Abuja Declaration of the African Summit on Malaria
UNGASS	United Nations General Assembly Special Session on HIV/AIDS



## DEFINITIONS OF INDICATORS FOR GLOBAL REPORTING

INDICATOR	NUMERATOR	DENOMINATOR	WSC	MDG	WFFC	Other
<b>HEALTHY LIVES</b>						
1. <i>Under-five mortality rate</i> <sup>1</sup>	Probability of dying by exact age 5 years		1	4 I 13	MG A	
2. <i>Infant mortality rate</i> <sup>1</sup>	Probability of dying by exact age 1 year		1	4 I 14	MG A	
3. <i>Maternal mortality ratio</i> <sup>2</sup>	Number of deaths of women from pregnancy-related causes in a given year	Number of live births in the year (expressed per 100,000 births)	2	5 I 16	MG B	
4. <i>Skilled attendant at delivery</i>	Number of women aged 15-49 years with a birth in the 2 years preceding the survey that were attended during childbirth by skilled health personnel <sup>3</sup>	Total number of women surveyed aged 15-49 years with a birth in the 2 years preceding the survey <sup>4</sup>	11	5 I 17	MG B SA 6	
5. <i>Institutional deliveries</i>	Number of women aged 15-49 years with a birth in the 2 years preceding the survey that delivered in a health facility <sup>5</sup>	Total number of women surveyed aged 15-49 years with a birth in 2 years preceding the survey <sup>6</sup>			MG B SA 6	
6. <i>Underweight prevalence</i>	Number of children under age five that fall below minus two standard deviations from the median weight for age of the NCHS/WHO standard (moderate and severe); number that fall below minus three standard deviations (severe)	Total number of children under age five that were weighed <sup>7</sup>	3	1 I 4	MG C	
7. <i>Stunting prevalence</i>	Number of children under age five that fall below minus two standard deviations from the median height for age of the NCHS/WHO standard (moderate and severe); number that fall below minus three standard deviations (severe)	Total number of children under age five measured <sup>8</sup>	3		MG C	

<sup>1</sup> The under-five and infant mortality rates are obtained via a calculation that uses as input a table on numbers of women, children ever born, and proportion dead by age of women. Numbers for this table are obtained from the Child Mortality module.

<sup>2</sup> Calculated via indirect methods.

<sup>3</sup> Maternal and Newborn Health module, MN7=A, B, C.

<sup>4</sup> Child Mortality module, total women with a birth in the last 2 years, CM12 = Yes.

<sup>5</sup> Maternal and Newborn Health module, MN8=21-26 OR 31-36.

<sup>6</sup> See footnote 4.

<sup>7</sup> Anthropometry module, AN1. Children with out-of-range weights for age are omitted from calculations.

<sup>8</sup> Anthropometry module, AN2. Children with out-of-range heights for age are omitted from calculations.

INDICATOR	NUMERATOR	DENOMINATOR	WSC	MDG	WFFC	Other
<b>HEALTHY LIVES</b>						
<b>8. Wasting prevalence</b>	Number of children under age five that fall below minus two standard deviations from the median weight for height of the NCHS/WHO standard (moderate and severe); number that fall below minus three standard deviations (severe)	Total number of children under age five weighed and measured <sup>9</sup>	3		MG C	
<b>9. Low-birthweight infants</b>	Number of last live births in the 2 years preceding the survey weighing below 2,500 grams <sup>10</sup>	Total number of last live births in the 2 years preceding the survey <sup>11</sup>	12		MG C	
<b>10. Infants weighed at birth</b>	Number of last live births in the 2 years preceding the survey that were weighed at birth <sup>12</sup>	Total number of last live births in the 2 years preceding the survey <sup>13</sup>			MG C	
<b>11. Use of improved drinking water sources</b>	Number of household members living in households <sup>14</sup> using improved sources <sup>15</sup> of drinking water	Total number of household members in households surveyed	4	7 I 30	MG D SA 23	
<b>12. Use of improved sanitation facilities</b>	Number of household members <sup>16</sup> using improved sanitation facilities <sup>17</sup>	Total number of household members in households surveyed	5	7 I 31	MG D SA 23	
<b>13. Water treatment</b>	Number of household members using water that has been treated <sup>18</sup>	Total number of household members in households surveyed			SA 23	

<sup>9</sup> Anthropometry module, AN1 and AN2. Children with out-of-range weights for height are omitted from calculations.

<sup>10</sup> Maternal and Newborn Health module, MN11. See [www.childinfo.org](http://www.childinfo.org) for further information on the tabulation of prevalence of low birthweight.

<sup>11</sup> See footnote 4.

<sup>12</sup> Maternal and Newborn Health module, MN10=1.

<sup>13</sup> See footnote 4.

<sup>14</sup> This indicator is obtained by weighting the number of households by the number of household members (HH11).

<sup>15</sup> Water and Sanitation module, WS1=1, 12, 13, 21, 31, 41, 51 OR (WS1=91 AND WS2=11, 12, 13, 21, 31, 41, 51).

<sup>16</sup> See footnote 14.

<sup>17</sup> Water and Sanitation module, WS7=1, 12, 13, 21, 22, 31.

<sup>18</sup> Water and Sanitation module, WS6=A, B, D, E.

INDICATOR	NUMERATOR	DENOMINATOR	WSC	MDG	WFFC	Other
<b>HEALTHY LIVES</b>						
<b>14. Disposal of child's faeces</b>	Number of children under age three whose (last) stools were disposed of safely <sup>19</sup>	Total number of children under age three surveyed			SA 23	
<b>15. Exclusive breastfeeding rate</b>	Number of infants aged 0-5 months that are exclusively breastfed <sup>20</sup>	Total number of infants aged 0-5 months surveyed	16		SA 5	
<b>16. Continued breastfeeding rate</b>	Number of infants aged 12-15 months, and 20-23 months, that are currently breastfeeding <sup>21</sup>	Total number of children aged 12-15 months and 20-23 months surveyed	16		SA 5	
<b>17. Timely complementary feeding rate</b>	Number of infants aged 6-9 months that are receiving breastmilk and complementary foods <sup>22</sup>	Total number of infants aged 6-9 months surveyed			SA 5	
<b>18. Frequency of complementary feeding</b>	Number of infants aged 6-11 months that receive breastmilk and complementary food at least the minimum recommended number of times per day (two times per day for infants aged 6-8 months, three times per day for infants aged 9-11 months) <sup>23</sup>	Total number of infants aged 6-11 months surveyed			SA 5	
<b>19. Adequately fed infants</b>	Number of infants aged 0-11 months that are appropriately fed: infants aged 0-5 months that are exclusively breastfed and infants aged 6-11 months that are breastfed and ate solid or semi-solid foods the appropriate number of times (see above) yesterday <sup>24</sup>	Total number of infants aged 0-11 months surveyed			SA 5	

<sup>19</sup> Care of illness module, CA13=1 OR 2.

<sup>20</sup> Children still breastfed (Breastfeeding module, BF2=1) AND no other food given (answer must be 2 (No) for BF3B, C, D, E, F, G and H; only BF3A =1 is permissible).

<sup>21</sup> Breastfeeding module, BF2=1.

<sup>22</sup> Children still breastfed (Breastfeeding module, BF2=1) AND complementary foods given in the last 24 hours (BF3H=1), even if also given other breastmilk substitutes.

<sup>23</sup> Breastfeeding module, (BF2=1 AND BF5>=2) for infants aged 6-8 months OR (BF2=1 AND BF5>=3) for infants aged 9-11 months.

<sup>24</sup> See footnotes 20 and 23.

INDICATOR	NUMERATOR	DENOMINATOR	WSC	MDG	WFFC	Other
<b>HEALTHY LIVES</b>						
<b>20. Antenatal care</b>	Number of women aged 15-49 years that were attended at least once during pregnancy in the 2 years preceding the survey by skilled health personnel <sup>25</sup>	Total number of women surveyed aged 15-49 years with a birth in the 2 years preceding the survey <sup>26</sup>	9 11		SA 6	
<b>21. Contraceptive prevalence</b>	Number of women currently married or in union aged 15-49 years that are using (or whose partner is using) a contraceptive method (either modern or traditional) <sup>27</sup>	Total number of women aged 15-49 years that are currently married or in union <sup>28</sup>	10	6 I 19c	SA 1 SA 3	
<b>22. Antibiotic treatment of suspected pneumonia</b>	Number of children aged 0-59 months with suspected pneumonia in the previous 2 weeks receiving antibiotics <sup>29</sup>	Total number of children aged 0-59 months with suspected pneumonia in the previous 2 weeks <sup>30</sup>			SA 11	
<b>23. Care-seeking for suspected pneumonia</b>	Number of children aged 0-59 months with suspected pneumonia in the previous 2 weeks that are taken to an appropriate health provider <sup>31</sup>	Total number of children aged 0-59 months with suspected pneumonia in the previous 2 weeks <sup>32</sup>	24		SA 11	
<b>24. Solid fuels</b>	Number of residents in households that use solid fuels (wood, charcoal, crop residues and dung) as the primary source of domestic energy to cook <sup>33</sup>	Total number of residents in households surveyed		7 I 29	SA 11	

<sup>25</sup> Maternal and Newborn Health module, MN2=A, B, C.

<sup>26</sup> See footnote 4.

<sup>27</sup> Marriage module, MA1=1 OR 2 AND Contraception module, CP2=1.

<sup>28</sup> Marriage module, MA1=1 OR 2.

<sup>29</sup> Care of illness module, CA5=1 AND CA6=1 AND (CA7=1 OR 3) AND CA11=A.

<sup>30</sup> Care of illness module, CA5=1 AND CA6=1 AND (CA7=1 OR 3).

<sup>31</sup> Care of illness module, CA5=1 AND CA6=1 AND (CA7=1 OR 3) AND having seen an appropriate health provider, CA8=1 AND (CA9=A-H, I-J, L-O) (excludes pharmacy).

<sup>32</sup> See footnote 30.

<sup>33</sup> Household Characteristics module, HC6 = 06, 07, 08, 09, 10, OR 11.

INDICATOR	NUMERATOR	DENOMINATOR	WSC	MDG	WFFC	Other
HEALTHY LIVES						
25. Tuberculosis immunization coverage	Number of children aged 12-23 months receiving BCG vaccine before their first birthday <sup>34</sup>	Total number of children aged 12-23 months surveyed	22		SA 7	
26. Polio immunization coverage	Number of children aged 12-23 months receiving OPV3 vaccine before their first birthday	Total number of children aged 12-23 months surveyed	22		SA 7	
27. Immunization coverage for diphtheria, pertussis and tetanus (DPT)	Number of children aged 12-23 months receiving DPT3 vaccine before their first birthday	Total number of children aged 12-23 months surveyed	22		SA 7	
28. Measles immunization coverage	Number of children aged 12-23 <sup>35</sup> months receiving measles vaccine before their first birthday	Total number of children aged 12-23 <sup>35</sup> months surveyed	22	4 1 15	SA 7	
29. Hepatitis B immunization coverage	Number of children aged 12-23 months immunized against hepatitis before their first birthday	Total number of children aged 12-23 months surveyed			SA 7	
30. Yellow fever immunization coverage	Number of children aged 12-23 months immunized against yellow fever before their first birthday	Total number of children aged 12-23 months surveyed			SA 7	
31. Fully immunized children	Number of children aged 12-23 <sup>36</sup> months receiving DPT1-3, OPV-1-3, BCG and measles vaccines before their first birthday	Total number of children aged 12-23 <sup>36</sup> months surveyed			SA 7	

<sup>34</sup> Total number of children aged 12-23 months vaccinated with BCG before their first birthday, as validated by a card or mother's recall. To estimate the number of children without a card to have received the vaccine before their first birthday, the proportion of vaccinations given during the first year of life is assumed to be the same as for the proportion of children who received the vaccine before their first birthday. The same estimation approach is also used for indicators on Polio, DPT, measles, HepB, and yellow fever vaccines (indicators 26-30).

<sup>35</sup> In countries where measles vaccination is typically given at 15 months of age, such as in Latin America, the age group of 18-29 months is used.

<sup>36</sup> See footnote 35.

INDICATOR	NUMERATOR	DENOMINATOR	WSC	MDG	WFFC	Other
<b>HEALTHY LIVES</b>						
<b>32. Neonatal tetanus protection</b>	Number of mothers with live births in the previous year that were given at least two doses of tetanus toxoid (TT) vaccine within the appropriate interval prior to giving birth <sup>37</sup>	Total number of women surveyed aged 15-49 years with a birth in the year preceding the survey <sup>38</sup>	22		SA 7	
<b>33. Use of oral rehydration therapy (ORT)</b>	Number of children aged 0-59 months with diarrhoea in the previous 2 weeks that received oral rehydration salts and/or an appropriate household solution <sup>39</sup>	Total number of children aged 0-59 months with diarrhoea <sup>40</sup> in the previous 2 weeks	25		SA 11	
<b>34. Home management of diarrhoea</b>	Number of children aged 0-59 months with diarrhoea in the previous 2 weeks that received more fluids AND continued eating somewhat less, the same or more food <sup>41</sup>	Total number of children aged 0-59 months with diarrhoea in the previous 2 weeks <sup>42</sup>	23		SA 11	
<b>35. Received ORT or increased fluids and continued feeding</b>	Number of children aged 0-59 months with diarrhoea that received ORT (oral rehydration salts or an appropriate household solution) or received more fluids AND continued eating somewhat less, the same or more food <sup>43</sup>	Total number of children aged 0-59 months with diarrhoea in the previous 2 weeks <sup>44</sup>			SA 11	

<sup>37</sup> Tetanus Toxoid module: numerator is all mothers with live births in the previous year with

(1) two TT doses during the pregnancy (TT3>=2) OR

(2) one TT dose during the pregnancy and at least one TT dose prior to the pregnancy (TT3=1 AND TT6>=1) OR

(3) at least two TT doses prior to the pregnancy of which the last dose was less than 3 years before the birth (TT6>=2 AND (CM11-TT7(TT8))<3) OR

(4) with three doses within the 5 years before the pregnancy (TT6>=3 AND (CM11-TT7(TT8))<5) OR

(5) with four doses with the last dose less than 10 years before the pregnancy (TT6>=4 AND ((CM11-TT7(TT8))<10) OR

(6) with five doses or more ever (TT6>=5).

<sup>38</sup> Birth in the year preceding the survey: that is, if the date of the interview (Women's Information Panel, WM6) minus the date of birth of the child (Child Mortality module, CM11) is less than 1 year.

<sup>39</sup> Care of illness module, CA1=1 AND (CA2A=1 OR CA2B=1 OR CA2C=1).

<sup>40</sup> If CA1=8 (don't know if child has had diarrhoea in past 2 weeks), the child is omitted from subsequent calculations.

<sup>41</sup> Care of illness module, CA1=1 AND CA3 = 3 AND (CA4=3, 4, OR 5).

<sup>42</sup> See footnote 39.

<sup>43</sup> Care of illness module, CA1=1 AND ((CA2A=1 OR CA2B=1 OR CA2C = 1) OR CA3 = 3) AND (CA4=3, 4, OR 5).

<sup>44</sup> See footnote 39.

INDICATOR	NUMERATOR	DENOMINATOR	WSC	MDG	WFFC	Other
<b>HEALTHY LIVES</b>						
<b>36. Household availability of insecticide-treated nets (ITNs)</b>	Number of households with at least one mosquito net, either permanently treated or treated within the previous year <sup>45</sup>	Total number of households surveyed			SA 12	Abuja
<b>37. Under-fives sleeping under insecticide-treated nets</b>	Number of children aged 0-59 months that slept under an insecticide-treated mosquito net the previous night <sup>46</sup>	Total number of children aged 0-59 months surveyed		6 I 22	SA 12	Abuja
<b>38. Under-fives sleeping under mosquito nets</b>	Number of children aged 0-59 months that slept under a mosquito net the previous night <sup>47</sup>	Total number of children aged 0-59 months surveyed			SA 12	
<b>39. Antimalarial treatment (under-fives)</b>	Number of children aged 0-59 months reported to have had fever in the previous 2 weeks that were treated with an appropriate antimalarial within 24 hours of onset <sup>48</sup>	Total number of children aged 0-59 months reported to have had fever in the previous 2 weeks <sup>49</sup>		6 I 22	SA 12	

<sup>45</sup> Insecticide-treated Net module:

- (1) long-lasting net (TN3L1=1 OR TN3L2=1) OR
- (2) pre-treated net obtained in the previous 12 months ((TN3P1=1 OR TN3P2=1) AND TN6<12) OR
- (3) other net obtained in previous 12 months and pre-treated ((TN3O1=1 OR TN3O2=1 OR TN3X=1 OR TN3Z=1) AND TN5=1 AND TN6<12) OR
- (4) pre-treated or other net treated in the previous 12 months ((TN3P1=1 OR TN3P2=1 OR TN3O1=1 OR TN3O2=1 OR TN3X=1) AND TN7=1 AND TN8<12)).

<sup>46</sup> Malaria module:

- (1) long-lasting net (ML12=11 OR 12) OR
- (2) pre-treated net obtained in the previous 12 months ((ML12=21 OR 22) AND ML11<12) OR
- (3) other net obtained in the previous 12 months and already treated (ML11<12 AND ML13=1) OR
- (4) net was treated within the last 12 months (ML14=1 AND ML15 <12).

<sup>47</sup> Malaria module, ML10=1.

<sup>48</sup> Malaria module, ML1=1 AND (ML4=A-H OR ML7=A-H) AND (ML9=0 OR 1).

<sup>49</sup> Malaria module, ML1=1.

INDICATOR	NUMERATOR	DENOMINATOR	WSC	MDG	WFFC	Other
<b>HEALTHY LIVES</b>						
<b>40. Intermittent preventive malaria treatment (pregnant women)</b>	Number of women receiving appropriate intermittent medication to prevent malaria (defined as at least 2 doses of SP/Fansidar) during the last pregnancy, leading to a live birth within the 2 years preceding the survey <sup>50</sup>	Total number of women that have had a live birth within the 2 years preceding the survey <sup>51</sup>			SA 12	Abuja
<b>41. Iodized salt consumption</b>	Number of households with salt testing 15 parts per million or more of iodine/iodate <sup>52</sup>	Total number of households surveyed <sup>53</sup>	14		SA 22	
<b>42. Vitamin A supplementation (under-fives)</b>	Number of children aged 6-59 months receiving at least one high-dose vitamin A supplement in the previous 6 months <sup>54</sup>	Total number of children aged 6-59 months surveyed	15		SA 22	
<b>43. Vitamin A supplementation (post-partum mothers)</b>	Number of women with a live birth in the 2 years preceding the survey that received a high-dose vitamin A supplement within 8 weeks after birth <sup>55</sup>	Total number of women that had a live birth in the 2 years preceding the survey <sup>56</sup>	15		SA 22	

<sup>50</sup> Maternal and Newborn Health module for malaria-affected countries, MN6B=A AND MN6D>=2.

<sup>51</sup> See footnote 4.

<sup>52</sup> Salt iodization module, S11=3.

<sup>53</sup> If a household has salt, but it is not tested (Salt Iodization module, S11=7), these households are omitted from the denominator.

<sup>54</sup> Vitamin A module, VA1=1 AND VA2<6.

<sup>55</sup> Maternal and Newborn Health module, MN1=1.

<sup>56</sup> See footnote 4.

INDICATOR	NUMERATOR	DENOMINATOR	WSC	MDG	WFFC	Other
HEALTHY LIVES						
<b>44. Content of antenatal care</b>	Number of women with a live birth in the 2 years preceding the survey that received antenatal care during the last pregnancy <sup>57</sup>	Total number of women with a live birth in the 2 years preceding the survey <sup>58</sup>			SA 6	
<b>45. Timely initiation of breastfeeding</b>	Number of women with a live birth in the 2 years preceding the survey that put the newborn infant to the breast within 1 hour of birth <sup>59</sup>	Total number of women with a live birth in the 2 years preceding the survey <sup>60</sup>			SA 5	
<b>46. Support for learning</b>	Number of children aged 0-59 months living in households in which an adult has engaged in four or more activities to promote learning and school readiness in the past 3 days <sup>61</sup>	Total number of children aged 0-59 months surveyed			SA 10	
<b>47. Father's support for learning</b>	Number of children aged 0-59 months whose father has engaged in one or more activities to promote learning and school readiness in the past 3 days <sup>62</sup>	Total number of children aged 0-59 months			SA 10	

<sup>57</sup> Maternal and Newborn Health module, proportions calculated separately: total number of women that were weighed, had their blood pressure taken, gave a urine sample, or gave a blood sample: MN3A=1; MN3B=1; MN3C=1; MN3D=1.

<sup>58</sup> See footnote 4.

<sup>59</sup> Maternal and Newborn Health module, MN13=000 (immediately) OR 100 (less than 1 hour).

<sup>60</sup> See footnote 4.

<sup>61</sup> Birth Registration and Early Learning module, sum of responses (BR8A-BR8F<>'Y') >=4.

<sup>62</sup> Birth Registration and Early Learning module, sum of responses (BR8A-BR8F='B') >=1.

INDICATOR	NUMERATOR	DENOMINATOR	WSC	MDG	WFFC	Other
HEALTHY LIVES						
<b>48. Support for learning: children's books</b>	Number of households with three or more children's books <sup>63</sup>	Total number of households surveyed			SA 10	
<b>49. Support for learning: non-children's books</b>	Number of households with three or more non-children's books <sup>64</sup>	Total number of households surveyed			SA 10	
<b>50. Support for learning: materials for play</b>	Number of households with three or more materials intended for play <sup>65</sup>	Total number of households surveyed			SA 10	
<b>51. Non-adult care</b>	Number of children aged 0-59 months left alone or in the care of another child younger than 10 years of age in the past week <sup>66</sup>	Total number of children aged 0-59 months surveyed			SA 10	

<sup>63</sup> Child Development optional module, CE1>=3.

<sup>64</sup> Child Development optional module, CE2>=3.

<sup>65</sup> Child Development optional module, CE3 contains 3 or more of A, B, C, D.

<sup>66</sup> Child Development optional module, number of responses where CE4>00 or number of responses where CE5>00.

INDICATOR	NUMERATOR	DENOMINATOR	WSC	MDG	WFFC	Other
EDUCATION						
<b>52. Pre-school attendance</b>	Number of children aged 36-59 months that attend some form of early childhood education programme <sup>67</sup>	Total number of children aged 36-59 months surveyed	26		MG A	
<b>53. School readiness</b>	Number of children in first grade that attended some form of pre-school the previous year <sup>68</sup>	Total number of children in the first grade surveyed <sup>69</sup>			MG A	
<b>54. Net intake rate in primary education</b>	Number of children of school-entry age that are currently attending first grade <sup>70</sup>	Total number of children of primary-school entry age surveyed	6		MG B	
<b>55. Net primary school attendance rate</b>	Number of children of primary-school age currently attending primary or secondary school <sup>71</sup>	Total number of children of primary-school age surveyed	6	2 16	MG B	
<b>56. Net secondary school attendance rate</b>	Number of children of secondary-school age currently attending secondary school or higher <sup>72</sup>	Total number of children of secondary-school age surveyed			MG C	
<b>57. Children reaching grade five</b>	Proportion of children entering the first grade of primary school that eventually reach grade five <sup>73</sup>		6	2 17	MG D	

<sup>67</sup> Birth Registration and Early Learning module, UF11=3-4 years AND BR6=1.

<sup>68</sup> Education module, ED6 Level=1, Grade=1 AND ED8 Level=0.

<sup>69</sup> Education module, ED6 Level=1, Grade=1.

<sup>70</sup> Select children of primary-school entry age (for example, HL5=6); Education module, ED4=1 AND ED6 Level=1, Grade=1.

<sup>71</sup> Select children of primary-school age (for example, HL5=6-11); Education module, ED6 Level=1 or 2.

<sup>72</sup> Select children of secondary-school age (for example, HL5=12-17); Education module, ED6 Level = 2 or 3.

<sup>73</sup> This indicator is calculated using transition probabilities for the cohort of children in the sample, which are derived from the Education module ED4 to ED8.

INDICATOR	NUMERATOR	DENOMINATOR	WSC	MDG	WFFC	Other
EDUCATION						
<b>58. Transition rate to secondary school</b>	Number of children that were in the last grade of primary school during the previous school year that attend secondary school <sup>74</sup>	Total number of children that were in the last grade of primary school during the previous school year surveyed <sup>75</sup>			MG C	
<b>59. Primary completion rate</b>	Number of children (of any age) attending the last grade of primary school (excluding repeaters) <sup>76</sup>	Total number of children of primary school completion age (age appropriate to final grade of primary school) surveyed <sup>77</sup>	6	2 17b	MG D	
<b>60. Adult literacy rate</b>	Number of women aged 15-24 years that are able to read a short simple statement about everyday life <sup>78</sup>	Total number of women aged 15-24 years surveyed	7	2 18	MG F	
<b>61. Gender parity index</b>	Proportion of girls in primary and secondary education <sup>79</sup>	Proportion of boys in primary and secondary education <sup>80</sup>		3 19	MG C	

<sup>74</sup> Education module, ED8 Level=1, Grade=(final grade of primary school, for example, 6) AND ED6 Level=2.

<sup>75</sup> Education module, ED8 Level=1, Grade=(final grade of primary school, for example, 6).

<sup>76</sup> Education module, ED6 Level=1, Grade=(final grade of primary school, or example, 6) AND ED8 Level=1, Grade<=>(final grade of primary school).

<sup>77</sup> Select children of the age appropriate to final grade of primary school, for example, HL5=11.

<sup>78</sup> Women's Information Panel, WM14=3 OR WM11=2 OR 3.

<sup>79</sup> Select girls, HL4=2, calculate net attendance rate using Education module, primary ED6=1; secondary ED6=2; higher ED6=3.

<sup>80</sup> Select boys, HL4=1, calculate net attendance rate using Education module, primary ED6=1; secondary ED6=2; higher ED6=3.

INDICATOR	NUMERATOR	DENOMINATOR	WSC	MIDG	WFFC	Other
<b>CHILD PROTECTION</b>						
<b>62. Birth registration</b>	Number of children aged 0-59 months whose births are reported registered <sup>81</sup>	Total number of children aged 0-59 months surveyed			SA 1	
<b>63. Prevalence of female genital mutilation/cutting (FGM/C)</b>	Number of women aged 15-49 years that reported undergoing <u>any</u> form of genital mutilation/cutting <sup>82</sup>	Total number of women aged 15-49 years surveyed			SA 9	
<b>64. Prevalence of extreme form of FGM/C</b>	Number of women aged 15-49 years that reported undergoing an extreme form of genital mutilation/cutting (such as infibulation) <sup>83</sup>	Total number of women aged 15-49 years surveyed			SA 9	
<b>65. Prevalence of FGM/C among daughters</b>	Number of women aged 15-49 years that reported that at least one daughter had undergone female genital mutilation/cutting <sup>84</sup>	Total number of women aged 15-49 years surveyed that have at least one living daughter <sup>85</sup>			SA 9	
<b>66. Approval for FGM/C</b>	Number of women aged 15-49 years favouring the continuation of female genital mutilation/cutting <sup>86</sup>	Total number of women aged 15-49 years surveyed			SA 9	

<sup>81</sup> Birth Registration and Early Learning module, BR1=1 OR BR2=1.

<sup>82</sup> Female Genital Mutilation/Cutting optional module, FG3=1.

<sup>83</sup> Female Genital Mutilation/Cutting optional module, FG4=1 AND FG6=1.

<sup>84</sup> Female Genital Mutilation/Cutting optional module, FG9>=01.

<sup>85</sup> Child Mortality module, CM4+CM6>=1.

<sup>86</sup> Female Genital Mutilation/Cutting optional module, FG16=1.

INDICATOR	NUMERATOR	DENOMINATOR	WSC	MIDG	WFFC	Other
<b>CHILD PROTECTION</b>						
<b>67. Marriage before age 15 and age 18</b>	Number of women that were first married or in union by the exact age of 15 <sup>87</sup> and the exact age of 18, <sup>88</sup> by age groups	Total number of women aged 15-49 years and 20-49 years surveyed, by age groups			SA 9	
<b>68. Young women aged 15-19 years currently married or in union</b>	Number of women aged 15-19 years currently married or in union <sup>89</sup>	Total number of women aged 15-19 years surveyed			SA 9	
<b>69. Spousal age difference</b>	Number of women married/in union aged 15-19 years and 20-24 years with a difference in age of 10 or more years between them and their current spouse <sup>90</sup>	Total number of women aged 15-19 and 20-24 years surveyed that are currently married or in union <sup>91</sup>			SA 9	
<b>70. Polygyny</b>	Number of women in a polygynous union <sup>92</sup>	Total number of women aged 15-49 years surveyed that are currently married or in union <sup>93</sup>			SA 9	

<sup>87</sup> Marriage module, (MA6-WM8<15) OR (MA8<15). Calculate using century month codes (CMC) using analysis software. Disaggregate by age groups from 15-19 ... 45-49.

<sup>88</sup> Marriage module, (MA6-WM8<18) OR (MA8<18). Calculate using century month codes (CMC) using analysis software. Disaggregate by age groups from 20-24 ... 45-49.

<sup>89</sup> Marriage module, MA1=1 OR 2.

<sup>90</sup> Marriage module, MA2<=>98 AND ((MA2-(WM6-WM8))>=10) OR (MA2-WM9>=10).

<sup>91</sup> Marriage module, exclude women with MA2=98.

<sup>92</sup> Marriage module optional questions for countries where polygamy exists, MA2A=1.

<sup>93</sup> Marriage module, MA1=1 OR 2.

INDICATOR	NUMERATOR	DENOMINATOR	WSC	MDG	WFFC	Other
<b>CHILD PROTECTION</b>						
<b>71. Child labour</b>	Number of children aged 5-14 years that are involved in child labour <sup>94</sup>	Total number of children aged 5-14 years surveyed			SA 35	
<b>72. Labourer students</b>	Number of children aged 5-14 years involved in child labour activities that attend school <sup>95</sup>	Total number of children aged 5-14 years involved in child labour activities <sup>96</sup>			SA 36	
<b>73. Student labourers</b>	Number of children aged 5-14 years attending school that are involved in child labour activities <sup>97</sup>	Total number of children aged 5-14 years attending school <sup>98</sup>			SA 36	
<b>74. Child discipline</b>	Number of children aged 2-14 years that (1) experience only non-violent aggression, (2) experience psychological aggression as punishment, (3) experience minor physical punishment, (4) experience severe physical punishment <sup>99</sup>	Total number of children aged 2-14 years selected and surveyed <sup>100</sup>			SA 2	

<sup>94</sup> Child Labour module:

- (1) Economic activity: (CL3=1 OR CL3=2 OR CL8=1) AND CL4+CL9>=MinHours) OR
- (2) Domestic chores: (CL6=1 AND CL7>=28 Hours)

For children aged 5-11 years, MinHours=1; for children aged 12-14 years, MinHours=14.

Note: This indicator should also be calculated separately for children working outside the home, and for paid and unpaid work.

<sup>95</sup> Child Labour module, as defined in footnote 94 AND Education module, ED4 =1.

<sup>96</sup> Child Labour module, as defined in footnote 94.

<sup>97</sup> Child Labour and Education modules, Child Labour module, as defined in footnote 94 AND Education module, ED4 =1.

<sup>98</sup> Education module, ED4=1.

<sup>99</sup> Child Discipline optional module.

- (1) (CD12A=1 OR CD12B=1 OR CD12E=1) AND (CD12C, CD12D, CD12F, CD12G, CD12H, CD12I, CD12J, AND CD12K=2).

- (2) (CD12D=1 OR CD12H=1)

- (3) (CD12C=1 OR CD12F=1 OR CD12G=1 OR CD12J=1)

- (4) (CD12I=1 OR CD12K=1).

<sup>100</sup> Note that only one child aged 2-14 years is selected in each household for the Child Discipline module.

INDICATOR	NUMERATOR	DENOMINATOR	WSC	MDG	WFFC	Other
HIV/AIDS						
<b>75. Prevalence of orphans</b>	Number of children under age 18 with at least one dead parent <sup>101</sup>	Total number of children under age 18 surveyed			MG C	
<b>76. Prevalence of vulnerable children</b>	Number of children under age 18 that have a chronically ill parent, that live in a household where an adult aged 18-59 years has died in the past year, or that live in a household where an adult aged 18-59 years has been chronically ill in the past year <sup>102</sup>	Total number of children under age 18 surveyed			MG C	
<b>77. School attendance of orphans versus non-orphans</b>	Proportion of double orphans (both mother and father dead) aged 10-14 years attending school <sup>103</sup>	Proportion of children aged 10-14 years, both of whose parents are alive, that are living with at least one parent and are attending school <sup>104</sup>		6 I 20	SA 10	UN- GASS
<b>78. Children's living arrangements</b>	Number of children aged 0-17 years not living with a biological parent <sup>105</sup>	Total number of children aged 0-17 years surveyed			SA 11	
<b>79. Malnutrition among children orphaned and made vulnerable by HIV/AIDS</b>	Proportion of orphaned or vulnerable children under age five that are moderately or severely underweight, of all orphaned and vulnerable children under age five that are weighed <sup>106</sup>	Proportion of children not classified as orphaned or vulnerable under age five that are moderately or severely underweight, of all children not classified as orphaned or vulnerable under age five that are weighed <sup>107</sup>			MG C	

<sup>101</sup> Household Listing module, HL9=2 OR HL11=2.

<sup>102</sup> Household Listing extended module and OVC module, (OV4=1 OR HL8A=1 for any household member) OR (HL10A=1 OR HL12A=1 for the specific child).

<sup>103</sup> Household Listing module, numerator is (HL9=2 OR HL11=2), AND ED4=1, denominator is (HL9=2 OR HL11=2).

<sup>104</sup> Household Listing module, numerator is (HL9=1 AND HL11=1 AND (HL10<>00 OR HL12<>00)) AND ED4=1, denominator is (HL9=1 AND HL11=1 AND (HL10<>00 OR HL12<>00)).

<sup>105</sup> Household Listing module, (HL9=2 OR HL10=00) AND (HL11=2 OR HL12=00), that is, mother is not living or not living in same household AND father is not living or not living in same household.

<sup>106</sup> See footnote 101 for the definition of an orphan and footnote 102 for the definition of a vulnerable child. The calculation of underweight prevalence is the same as for indicator 6. Children with out-of-range weights for age are omitted from this calculation.

<sup>107</sup> The underweight prevalence is calculated for all children under age five who are not classified as orphaned or vulnerable according to footnotes 101 and 102.

INDICATOR	NUMERATOR	DENOMINATOR	WSC	MIDG	WFFC	Other
HIV/AIDS						
<b>80. Early sex among children orphaned and made vulnerable by HIV/AIDS</b>	Proportion of orphaned and vulnerable children aged 15-17 years that had sex before age 15, of all orphaned and vulnerable children aged 15-17 years surveyed <sup>108</sup>	Proportion of children not classified as orphaned or vulnerable aged 15-17 years that had sex before age 15, of all children not classified as orphaned or vulnerable aged 15-17 years surveyed <sup>109</sup>			MG C	
<b>81. External support to children orphaned and made vulnerable by HIV/AIDS</b>	Number of orphaned and vulnerable children under age 18 whose households received free basic external support in caring for the child <sup>110</sup>	Number of orphaned and vulnerable children under age 18 surveyed <sup>111</sup>			MG C	
<b>82. Comprehensive knowledge about HIV prevention among young people</b>	Number of women aged 15-24 years that correctly identify two ways of avoiding HIV infection and reject three common misconceptions about HIV transmission <sup>112</sup>	Total number of women aged 15-24 years surveyed		6 I 19b	SA 2	UN- GASS

<sup>108</sup> See footnotes 101 and 102 for the definition of orphaned and vulnerable children (OVC). Select OVCs aged 15-17 years for whom the following is true: Sexual Behaviour module, SB1<0 AND (SB1<15 (sex before age 15) OR (SB1=95 (first sex at marriage) AND ((MA6-WM8)<15) OR MA8<15)) (marriage before age 15)).

<sup>109</sup> The proportion that had sex before age 15 is calculated as in footnote 108 for all children aged 15-17 years who are not classified as orphaned or vulnerable according to footnotes 101 and 102.

<sup>110</sup> Children Orphaned and Made Vulnerable by HIV/AIDS module, orphaned or vulnerable children (as defined in footnotes 101 and 102) who live in households that received at least one of the following services for the child:

Medical support within the past 12 months, OV10=1 OR

Emotional support within the past 3 months, OV12=1 OR

Other social support, including material support, within the past 3 months, OV14=1 OR OV16=1 OR

School-related assistance within the past 12 months, OV18=1.

<sup>111</sup> See footnotes 101 and 102 for the definition of orphaned and vulnerable children.

<sup>112</sup> HIV/AIDS module, (HA2=1 AND HA4=1) (Note: these answers reflect correct understanding of how HIV infection can be prevented) AND (HA3=2 AND HA5=2 AND HA8=1) (Note: these answers reflect rejection of three common misconceptions about HIV transmission.)

INDICATOR	NUMERATOR	DENOMINATOR	WSC	MIDG	WFFC	Other
HIV/AIDS						
<b>83. Condom use with non-regular partners</b>	Number of women aged 15-24 years reporting the use of a condom during sexual intercourse with their last non-marital, non-cohabiting sex partner in the previous 12 months <sup>113</sup>	Total number of women aged 15-24 years surveyed that had a non-marital, non-cohabiting partner in the previous 12 months <sup>114</sup>		6 I 19a	SA 2	UN-GASS
<b>84. Age at first sex among young people</b>	Number of women aged 15-24 years that have had sex before age 15 <sup>115</sup>	Total number of women aged 15-24 surveyed			SA 2	
<b>85. Higher risk sex in the last year</b>	Number of sexually active women aged 15-24 years that have had sex with a non-marital, non-cohabiting partner in the previous 12 months <sup>116</sup>	Total number of women aged 15-24 that were sexually active in the previous 12 months <sup>117</sup>			SA 4	
<b>86. Attitude towards people with HIV/AIDS</b>	Number of women expressing acceptance on all four questions about people with HIV or AIDS <sup>118</sup>	Total number of women surveyed			SA 7	
<b>87. Women who know where to be tested for HIV</b>	Number of women that state knowledge of a place to be tested <sup>119</sup>	Total number of women surveyed			MG B	
<b>88. Women who have been tested for HIV</b>	Number of women that report being tested for HIV <sup>120</sup>	Total number of women surveyed			MG B	

<sup>113</sup> Sexual Behaviour module, SB2<>4 AND ((SB3=1 AND SB4<>1) OR (SB7=1 AND SB8<>1)). This indicator should be presented disaggregated by 15-19, 20-24 and 15-24-year-old age groups.

<sup>114</sup> Sexual Behaviour module, SB2<>4 AND (SB4<>1 OR SB8<>1).

<sup>115</sup> Sexual Behaviour module, SB1<>0 AND (SB1<15 (sex before age 15) OR (SB1=95 (first sex at marriage) AND ((MA6-WM8)<15) OR MA8<15)) (marriage before age 15)).

<sup>116</sup> Sexual Behaviour module, SB2<>4 AND (SB4<>1 OR SB8<>1).

<sup>117</sup> Sexual Behaviour module, SB2<>4.

<sup>118</sup> HIV/AIDS module, HA10=1 AND HA11=1 AND HA12=2 AND HA13=1.

<sup>119</sup> HIV/AIDS module, HA18=1 or HA15=1 or Maternal and Newborn Health module, MN5=1.

<sup>120</sup> HIV/AIDS module and Maternal and Newborn Health module, HA15=1 OR MN5=1.

INDICATOR	NUMERATOR	DENOMINATOR	WSC	MDG	WFFC	Other
HIV/AIDS						
<b>89. Knowledge of mother-to-child transmission of HIV</b>	Number of women that correctly identify all three means of vertical transmission <sup>121</sup>	Total number of women surveyed			MG B	
<b>90. Counselling coverage for the prevention of mother-to-child transmission of HIV</b>	Number of women that gave birth in the previous 24 months and received antenatal care reporting that they received counselling on HIV/AIDS during this care <sup>122</sup>	Total number of women that gave birth in the previous 24 months surveyed			MG B	
<b>91. Testing coverage for the prevention of mother-to-child transmission of HIV</b>	Number of women that gave birth in the previous 24 months and received antenatal care reporting that they received the results of an HIV test during this care <sup>123</sup>	Total number of women that gave birth in the previous 24 months surveyed			MG B	
<b>92. Age-mixing among sexual partners</b>	Number of women aged 15-24 years that had sex in the past 12 months with a partner who was 10 or more years older than they were <sup>124</sup>	Total number of sexually active women aged 15-24 years surveyed <sup>125</sup>			SA 4	

<sup>121</sup> HIV/AIDS module, HA9A=1 AND HA9B=1 AND HA9C=1.

<sup>122</sup> Maternal and Newborn Health module, MN4=1.

<sup>123</sup> Maternal and Newborn Health module, MN6=1.

<sup>124</sup> Sexual Behaviour module, SB2<>4 AND ((SB5-WM9)>=10 OR (SB9-WM9)>=10)). This indicator includes any sexual partner, marital/cohabiting or non-marital/non-cohabiting.

<sup>125</sup> Sexual Behaviour module, SB2<>4.

INDICATOR	NUMERATOR	DENOMINATOR	WSC	MDG	WFFC	Other
<b>ADDITIONAL INDICATORS</b>						
<b>93. Security of tenure</b>	Number of household members living in urban households that lack formal documentation for their residence or that feel at risk of eviction <sup>126</sup>	Number of urban household members in households surveyed				
<b>94. Durability of housing</b>	Number of household members living in urban dwellings that are not considered durable <sup>127</sup>	Number of urban household members in households surveyed				
<b>95. Slum household</b>	Number of household members living in urban slums <sup>128</sup>	Number of household members in urban households surveyed <sup>129</sup>		7 132		

<sup>126</sup> Security of Tenure and Durability of Housing module, (HC15B<=>1 AND HC15C<=>A,B AND HC15D<=>1) OR HC15F=2.

<sup>127</sup> Security of Tenure and Durability of Housing module and Household Characteristics module:

(1) Natural floor material (HC3=11-19) AND poor condition of dwelling (two or more of HC15I=A-F), OR

(2) Vulnerable to accidents due to both issues: HC15J=A AND B, OR

(3) Located in a hazardous location, (four or more of HC15H=A-I).

<sup>128</sup> Household Characteristics module and Security of Tenure and Durability of Housing module, selecting for urban households, HH6=1:

(1) Lack of durable housing, see indicator 94 (footnote 127), OR

(2) Lack of security of tenure, see indicator 93 (footnote 126), OR

(3) Overcrowding, number of persons per sleeping room (HH11/HC2) > 3, OR

(4) Lack of access to improved water source, see indicator 11, OR

(5) Lack of access to improved sanitation, see indicator 12.

<sup>129</sup> Household Information Panel, HH6=1.

INDICATOR	NUMERATOR	DENOMINATOR	WSC	MDG	WFFC	Other
<b>ADDITIONAL INDICATORS</b>						
<b>96. Source of supplies</b>	Number of children (or households) for whom supplies were obtained from public providers, <sup>130</sup> presented separately for each type of supply: insecticide-treated mosquito nets, oral rehydration salts, antibiotics and antimalarials	Total number of children (or households) for whom supplies were obtained <sup>131</sup>				
<b>97. Cost of supplies</b>	Median cost of supplies obtained, <sup>132</sup> presented separately for each type of supply and whether sourced from public or private providers: insecticide-treated mosquito nets, oral rehydration salts, antibiotics and antimalarials.	Total number of children (or households) for whom supplies were obtained <sup>133</sup>				

<sup>130</sup> Source and Cost of Supplies module:

- (1) Source of insecticide-treated nets as defined in footnote 45 AND TN3A=11-19
- (2) Source of oral rehydration salts, CA4B=11-19
- (3) Source of antibiotics, CA11B=11-19
- (4) Source of antimalarials, ML9A=11-19.

<sup>131</sup> Source and Cost of Supplies module:

- (1) Use of insecticide-treated nets as defined in footnote 45
- (2) Use of oral rehydration salts, CA2A=1
- (3) Use of antibiotics, CA11=A
- (4) Use of antimalarials, ML4=A-H OR ML7=A-H.

<sup>132</sup> Source and Cost of Supplies module:

- (1) Cost of insecticide-treated nets as defined in footnote 45, and TN3B
- (2) Cost of oral rehydration salts, CA4C
- (3) Cost of antibiotics, CA11C
- (4) Cost of antimalarials, ML9B.

<sup>133</sup> Source and Cost of Supplies module:

- (1) Use of insecticide-treated nets as defined in footnote 45
- (2) Use of oral rehydration salts, CA2A=1
- (3) Use of antibiotics, CA11=A
- (4) Use of antimalarials, ML4=A-H OR ML7=A-H.

INDICATOR	NUMERATOR	DENOMINATOR	WSC	MDG	WFFC	Other
ADDITIONAL INDICATORS						
98. <i>Unmet need for family planning</i>	Number of women that are currently married or in union <sup>134</sup> that are fecund <sup>135</sup> and want to space <sup>136</sup> their births or limit <sup>137</sup> the number of children they have and that are not currently using contraception	Total number of women interviewed that are currently married or in union <sup>138</sup>				
99. <i>Demand satisfied for family planning</i>	Number of women currently married or in union that are currently using contraception <sup>139</sup>	Number of women currently married or in union that have an unmet need for contraception <sup>140</sup> or that are currently using contraception <sup>141</sup>				

<sup>134</sup> Marriage/Union module: MA1=1 or 2.

<sup>135</sup> Contraception and Unmet Need module: CP1=1 OR CP4E<>2.

<sup>136</sup> Contraception and Unmet Need module: (CP1=1 AND CP1A=2) OR (CP1<>1 AND CP4A=1 AND (CP4C>=2 years OR CP4C=995)).

<sup>137</sup> Contraception and Unmet Need module: (CP1=1 AND CP1A=3) OR (CP1<>1 AND CP4A=2).

<sup>138</sup> Marriage/Union module: MA1=1 or 2.

<sup>139</sup> Marriage/Union module and Contraception module: (MA1=1 or 2) AND CP2=1.

<sup>140</sup> See indicator 98.

<sup>141</sup> Marriage/Union module and Contraception module: (MA1=1 or 2) AND CP2=1.

INDICATOR	NUMERATOR	DENOMINATOR	WSC	MDG	WFFC	Other
<b>ADDITIONAL INDICATORS</b>						
<b>100. Attitudes towards domestic violence</b>	Number of women that consider that a husband/partner is justified in hitting or beating his wife in at least one of the following circumstances: (1) she goes out without telling him, <sup>142</sup> (2) she neglects the children, <sup>143</sup> (3) she argues with him, <sup>144</sup> (4) she refuses sex with him, <sup>145</sup> (5) she burns the food <sup>146</sup>	Total number of women surveyed			SA6	
<b>101. Child disability</b>	Number of children aged 2-9 years with at least one of nine reported disabilities <sup>147</sup> : (1) delay in sitting, standing or walking, (2) difficulty seeing, either in the daytime or at night, (3) appears to have difficulty hearing, (4) difficulty in understanding instructions, (5) difficulty walking or moving arms or has weakness or stiffness of limbs, (6) has fits, becomes rigid, loses consciousness, (7) does not learn to do things like other children his/her age, (8) cannot speak or cannot be understood in words, (9) appears mentally backward, dull or slow	Total number of children aged 2-9 surveyed			SA3	

<sup>142</sup> Attitudes Towards Domestic Violence module: DV1A=1.

<sup>143</sup> Attitudes Towards Domestic Violence module: DV1B=1.

<sup>144</sup> Attitudes Towards Domestic Violence module: DV1C=1.

<sup>145</sup> Attitudes Towards Domestic Violence module: DV1D=1.

<sup>146</sup> Attitudes Towards Domestic Violence module: DV1E=1.

<sup>147</sup> Child Disability module: DA3=1 or DA4=1 or DA5=1 or DA6=2 or DA7=1 or DA8=1 or DA9=2 or DA10=2 or DA13=1.