

# Multiple Indicator Survey – 2000 (MICS-II)

*A Brief Note on the Survey Methodology,  
Implementation and Preliminary Results*



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## **Multiple Indicator survey – 2000 (MICS-II)**

### **Introduction**

In September 1990, 71 heads of state and 88 ministerial representatives convened at United Nations (UN) Headquarters in New York for the World Summit for Children (WSC). The World Summit for Children adopted a declaration on the Survival, Protection, and Development of Children and a Plan of Action for its implementation. The Plan of Action identified seven major goals and twenty supporting goals relating to the survival, health, nutrition, education and protection of children to be reached by the year 2000. The UN system was given the task of assisting countries in achieving these goals and measuring progress. United Nations Children's Fund (UNICEF) was asked to be the lead agency in this process.

After the WSC, a set of goals for the mid-decade and end-decade were agreed upon. The World Summit Plan of Action called for a mid-decade and an end-decade review of progress. The need to measure progress toward these goals increased the demand for high quality and timely, data. In many developing countries, routine reporting systems were often found to be inadequate, and did not uniformly collect information on many of the goals.

The 1993 SAARC Summit identified specific targets and goals to be achieved by the year 1995. This led to a global movement on identifying Mid-Decade Goals (MDGs) to be achieved by all by the end of 1995 and institutionalisation of appropriate indicators for measuring progress against these Mid-Decade Goals. UNICEF led a process to develop an affordable, fast and reliable household survey system that would fill gaps in knowledge and update available data. UNICEF worked with a number of agencies, including the UN Statistical Division, WHO, UNESCO, UNFPA, UNDP, the World Bank, London School of Hygiene and Tropical Medicine, and the Centre for Disease Control to develop a model questionnaire to measure standard indicators for the Mid-Decade Goals. The model questionnaire was incorporated into a manual that had detailed instructions for planning and implementing a cluster survey. The questionnaire and manual were distributed to UNICEF country offices with instructions that they should carry out a MICS if there are no other

Table 3: Selected Indicators from the Multiple Indicator Survey (MICS-II)

Sl no	List of indicators	All India	Himachal Pradesh	Jammu & Kashmir	Karnataka	Kerala	Madhya Pradesh	Maharashtra	Manipur	Meghalaya
31	Percent of children age 12-23 months who received:									
	BCG	67.7	94.8	89.6	90.9	95.6	69.3	93.3	77.4	69.9
	DPT1	64.3	94.1	83.7	88.5	90.3	59.2	89.7	77.1	60.6
	DPT2	56.0	89.8	78.8	85.6	85.3	48.7	82.7	73.3	56.7
	DPT3	46.5	82.4	68.5	82.0	80.0	38.3	70.8	64.4	47.4
	OPV1	69.9	96.0	93.8	90.9	95.0	64.3	96.6	78.5	74.9
	OPV2	66.0	94.3	91.6	87.8	94.3	57.3	94.5	74.7	70.5
	OPV3	58.9	89.3	82.1	84.5	91.9	48.7	84.4	66.4	60.3
	Measles	50.4	85.9	65.6	72.2	88.4	47.7	82.6	61.5	36.8
	Fully immunized	35.6	67.2	52.5	68.0	71.9	29.4	60.4	57.0	30.1
	Not immunized at all	0.6	0.0	0.9	1.1	0.0	1.5	0.0	0.0	0.7
32	Percent of children age 12-23 months having BCG scar	55.0	77.0	66.7	81.0	74.1	50.3	73.2	64.5	61.3
XIV	Education									
33	Percent of children ever attended school by current age:									
	5-9 years	81.5	93.8	82.4	89.2	96.7	76.3	95.0	94.3	79.7
	10-14 years	88.1	98.7	90.3	90.5	99.6	88.9	97.0	96.4	87.1
	6-10 years	86.3	98.1	88.7	91.8	99.3	84.6	97.3	95.9	83.6
	11-13 years		99.1	90.0	90.7	99.5	89.6	96.6	97.1	89.1
34	Percent of children currently attending school by current age:									
	5-9 years	78.6	93.2	81.6	87.0	96.4	73.1	92.2	93.5	78.7
	10-14 years	75.5	96.2	86.2	73.8	98.0	74.2	87.4	93.6	81.9
	6-10 years	82.3	97.6	87.4	88.3	99.0	79.9	94.0	94.9	82.2
	11-13 years	76.2	96.8	86.0	72.7	98.7	75.6	87.6	93.7	82.8
35	Percent dropouts from:									
	Government schools	9.6	1.8	4.5	12.9	1.7	13.5	7.7	3.0	3.5
	Private schools	3.2	0.6	0.9	2.2	0.2	1.8	2.9	1.2	3.5
XV	Child Labour									
36	Percent of children age 5-14 working for some one outside the family:									
	For pay	2.8	0.7	1.1	5.5	0.8	1.5	3.7	0.9	1.7
	Not for pay	2.5	0.4	0.4	0.4	1.3	0.3	1.9	7.2	0.2



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37 Percent distribution of children working for some one outside the family by sector of work:									
Agriculture and livestock	30.7	7.6	16.5	56.1	4.7	44.1	5.1	10.4	49.5
Manufacturing	4.5	4.9	16.3	12.0	2.1	0.0	1.7	0.2	2.8
Cottage industry	2.8	0.0	24.3	3.3	2.4	0.0	0.7	0.2	0.0
Domestic labour	19.1	18.2	10.0	9.7	3.5	12.0	5.2	69.9	38.5
Other (excluding service)	28.6	49.8	20.1	10.4	53.5	32.6	29.1	13.6	7.3
38 Percent of children age 5-14 years:									
Engaged in household chores	40.7	52.6	30.9	39.5	46.8	38.7	56.5	57.1	50.4
Engaged in household chores for more than four hours a week	31.4	38.3	23.5	33.4	13.9	34.0	44.0	38.7	47.7
Engaged in family enterprise/work	8.4	7.4	4.6	6.8	5.8	6.5	9.2	7.6	10.1
Engaged in family enterprise/work for more than four hours a week	7.2	4.6	3.9	6.1	2.2	6.2	6.7	4.6	9.4
39 Median duration of work by children who engaged:									
For someone outside the family	20.7	6.7	34.8	48.4	1.8	40.1	13.8	2.5	31.0
In household chores	8.5	6.6	6.8	11.6	2.8	9.0	6.5	6.3	9.9
In family enterprise/work	10.4	6.2	9.4	15.7	3.0	13.9	6.9	6.3	13.3
<b>XVII Marriage, Fertility and Contraception</b>									
40 Percent ever-married among all women age 15-49	82.5	75.4	64.8	79.8	74.4	85.5	80.9	60.8	66.7
41 Crude birth rate	27.9	26.2	24.7	24.8	21.2	34.1	23.8	27.5	33.7
42 General fertility rate	111.8	99.9	97.7	94.4	73.2	143.8	92.6	103.6	137.2
43 Total fertility rate	3.25	2.77	3.25	2.56	2.26	4.17	2.64	3.30	4.47
44 Mean number of children ever born to women age 45-49	4.75	4.20	5.12	4.48	3.27	5.08	3.77	5.04	5.80
45 Percent of currently married women age 15-49:									
Using any contraception	46.9	69.6	39.9	58.3	62.0	45.1	57.5	38.0	14.0
Using any modern contraceptive	42.3	64.0	37.2	55.1	56.4	42.2	55.9	21.1	12.9

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<b>XVIII Antenatal, Natal and Postnatal Care</b>									
46 Percent of mothers who delivered during the year preceding the survey received:									
Antenatal checkups	61.8	81.1	79.9	84.2	96.7	50.1	89.4	78.1	55.8
Two tetanus toxoid injections	61.9	54.5	61.4	69.2	75.4	57.7	67.8	57.1	29.4
Iron and folic acid tablets	57.3	80.7	58.2	73.4	92.5	49.3	77.6	46.3	51.1
47 Percent of mothers who consumed all the iron tablets given to them:									
Among those received ANC	58.9	71.0	61.0	56.5	68.0	55.7	55.9	42.7	57.1
Among all those who delivered during the last one year	56.0	71.4	61.7	56.4	67.7	51.9	56.3	43.5	57.6
48 Percent of institutional deliveries	34.5	32.3	42.0	52.9	96.3	20.5	53.0	39.0	27.3
49 Percent of deliveries attended by a health professional	42.5	43.7	46.7	61.9	96.5	32.0	60.7	55.3	30.9
50 Percent of caesarian deliveries	6.4	4.5	10.8	5.6	27.0	3.4	7.6	6.1	3.4
51 Percent of mothers who received postnatal checkups	24.3	15.9	20.4	31.7	78.4	9.3	65.4	15.3	10.8
<b>XIX Knowledge about HIV/AIDS among Women</b>									
52 Percent who have heard of HIV/AIDS among:									
Ever married women age 15-49	39.3	59.5	25.0	62.7	86.9	21.8	56.2	92.1	39.0
Never married women age 15-49	60.9	77.6	45.0	77.9	87.3	52.0	74.7	93.9	54.1
All women age 15-49	43.0	63.9	32.0	65.8	87.0	26.2	59.7	92.8	44.0
53 Percent among women age 15-49 who have heard about HIV/AIDS:									
Reported that a person can avoid getting HIV/AIDS	67.2	73.1	54.3	73.5	67.2	68.7	64.0	88.6	69.9
Reported that AIDS virus can be transmitted from a mother to a child	73.2	60.6	78.5	81.7	75.4	75.8	64.4	67.2	66.8
Reported that AIDS virus can be transmitted during pregnancy	80.2	79.5	80.8	81.0	73.9	78.2	81.1	89.9	68.9
Reported that AIDS virus can be transmitted from mother to child during delivery	68.6	68.2	68.8	70.9	57.3	65.0	70.7	73.5	65.8
Reported that AIDS virus can be transmitted from mother to child through breast milk	66.7	59.0	74.1	71.3	57.2	59.9	62.5	64.6	56.1
Approve that a healthy HIV infected person can continue to work	49.2	50.3	48.3	43.6	41.4	50.5	51.5	66.1	30.3
Reported that a woman can ask a man to use condom	48.3	66.7	50.8	57.4	32.4	51.2	58.0	46.8	60.9