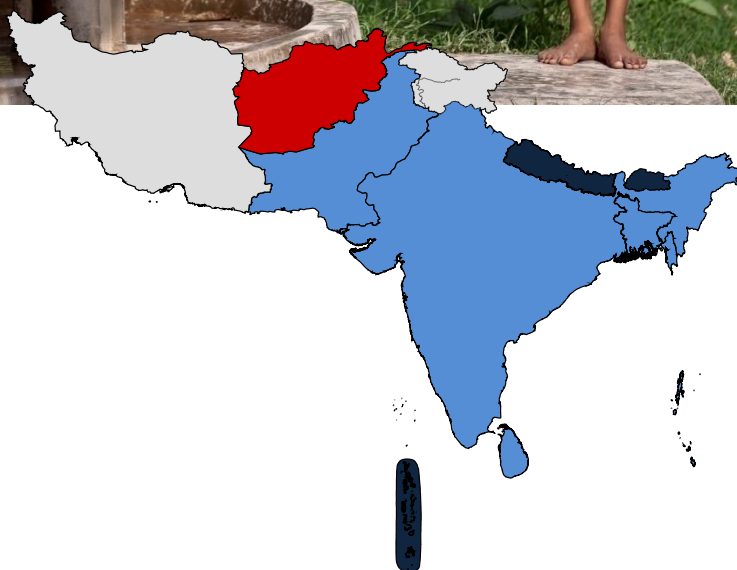


# A Snapshot of Drinking-water and Sanitation in the MDG region Southern Asia – 2010 Update

A regional perspective based on new data from the  
WHO/UNICEF Joint Monitoring Program for Water Supply and Sanitation



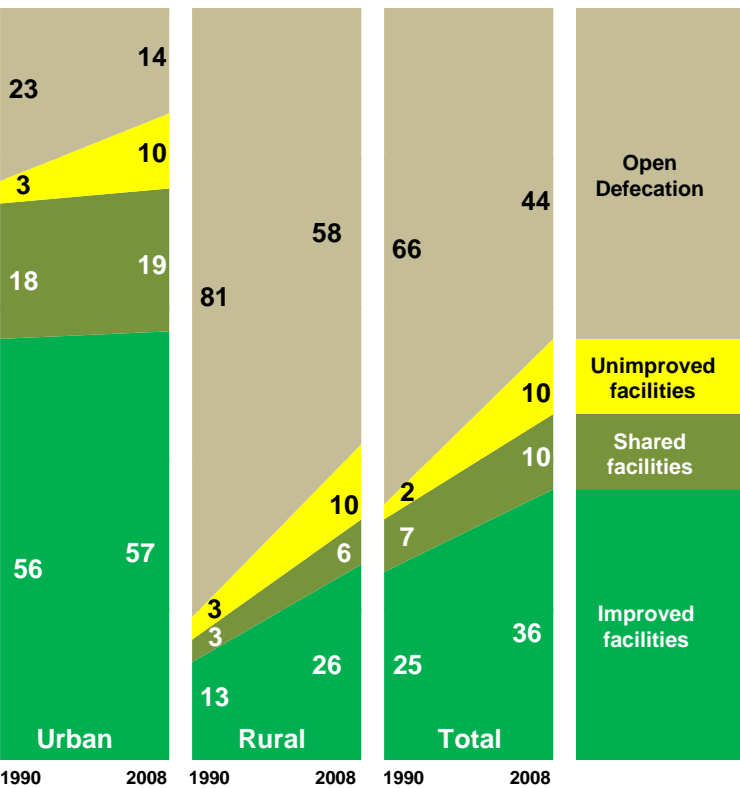
© UNICEF/INDA2010-00191/Graham Crouch, India, 2010



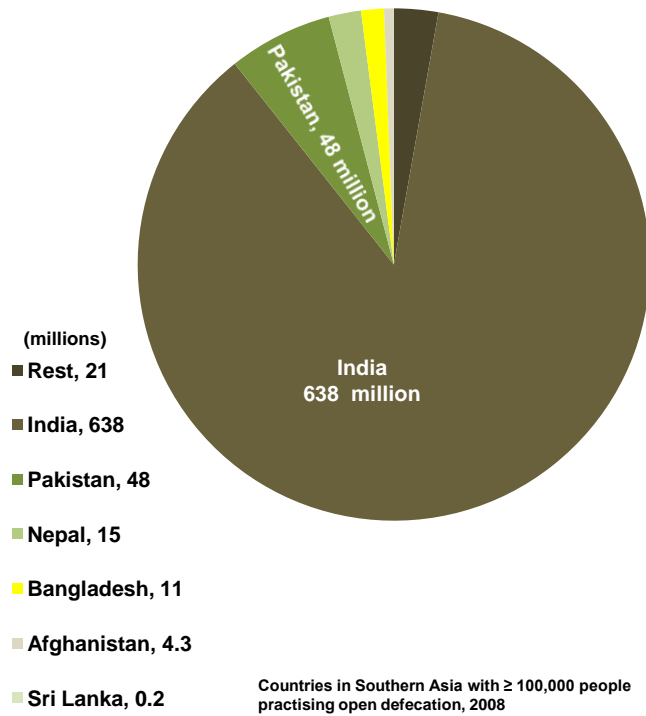
Prepared by:  
WHO/UNICEF Joint Monitoring Program on Water Supply and Sanitation  
August 2010

# Sanitation coverage trends

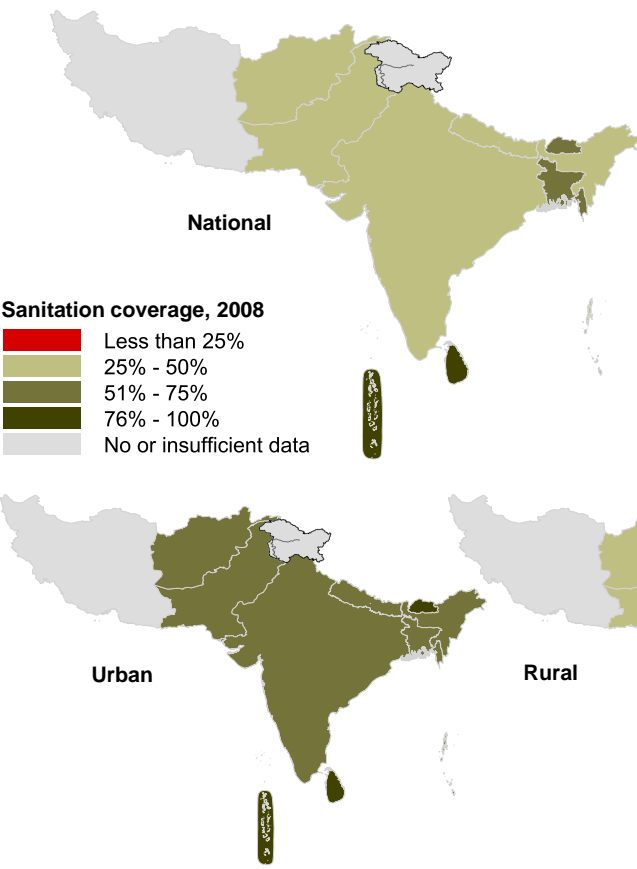
Sanitation coverage trends, Southern Asia, 1990 – 2008



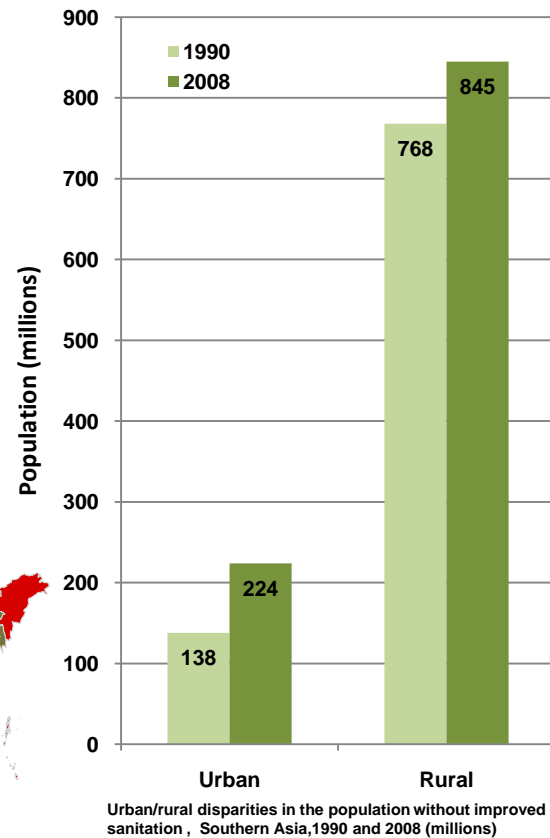
737 million people in Southern Asia practised open defecation in 2008



Significant inequity in use of improved sanitation facilities between urban and rural areas in Southern Asia



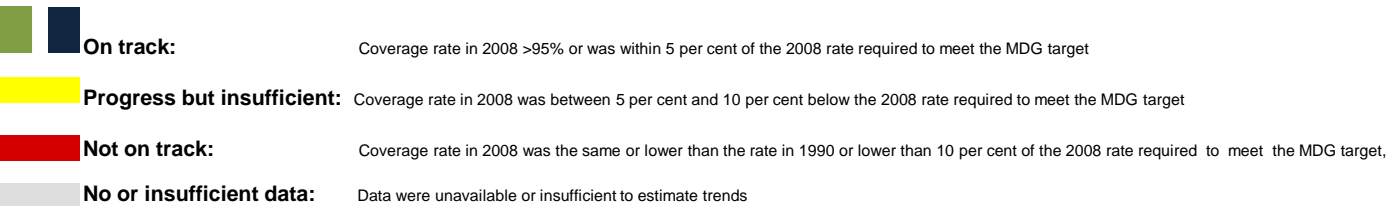
Since 1990, the population without an improved sanitation facility increased by 163 million



# Progress towards the MDG target

**Southern Asia is not on track to meet the MDG sanitation target**

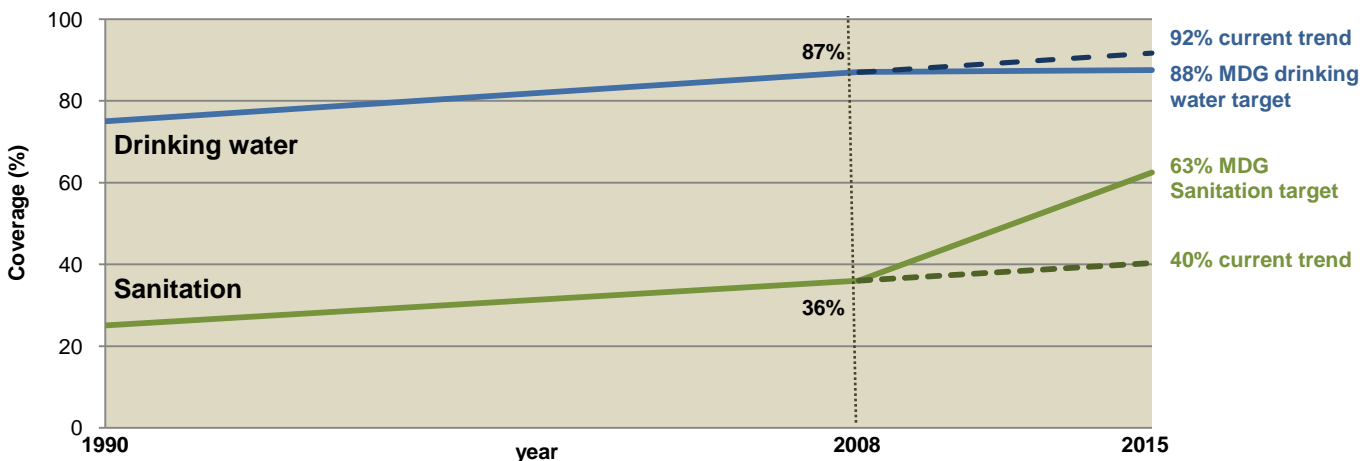
**Southern Asia is on track to meet the MDG drinking water target**



## Facts

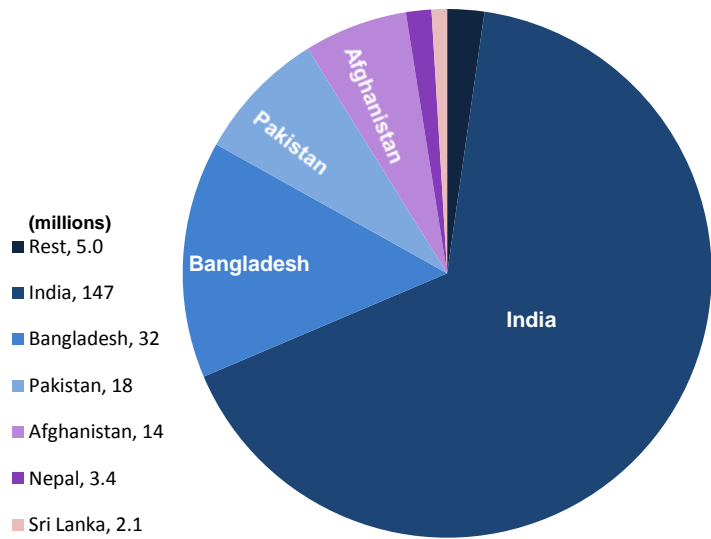
- 305 million people in Southern Asia gained access to an improved sanitation facility since 1990
- 547 million people in Southern Asia gained access to an improved drinking water source since 1990
- In 2008, just over 1 billion people in Southern Asia did not use an improved sanitation facility
- In 2008, 222 million people in Southern Asia did not use an improved drinking water source
- The population practising open defecation in Southern Asia decreased from 792 million in 1990, to 737 million in 2008
- The number of people using a shared sanitation facility in Southern Asia more than doubled from 81 million in 1990, to 173 million in 2008

**Southern Asia will likely surpass the MDG drinking water target but fall short of meeting the sanitation target**



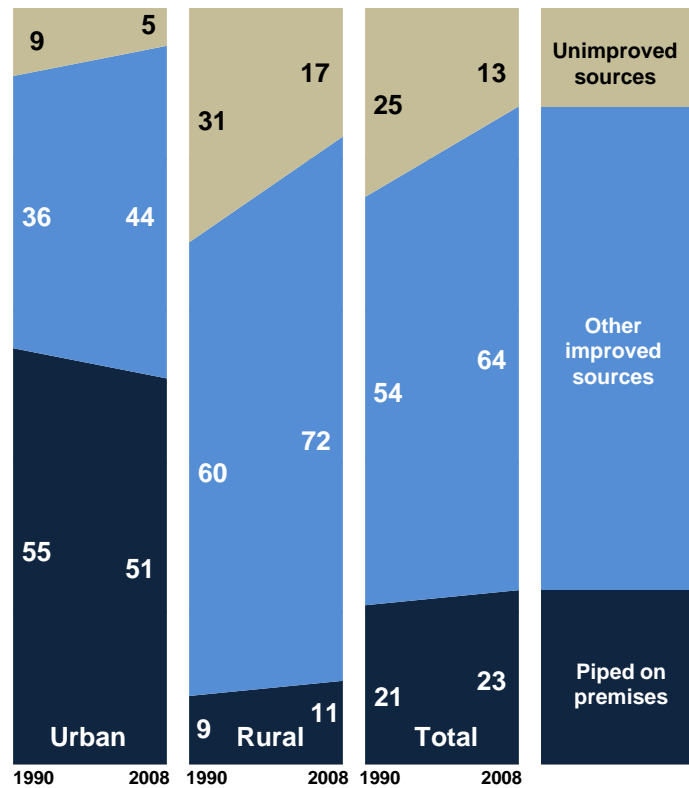
# Drinking water coverage trends

222 million people in Southern Asia did not use an improved drinking water source in 2008

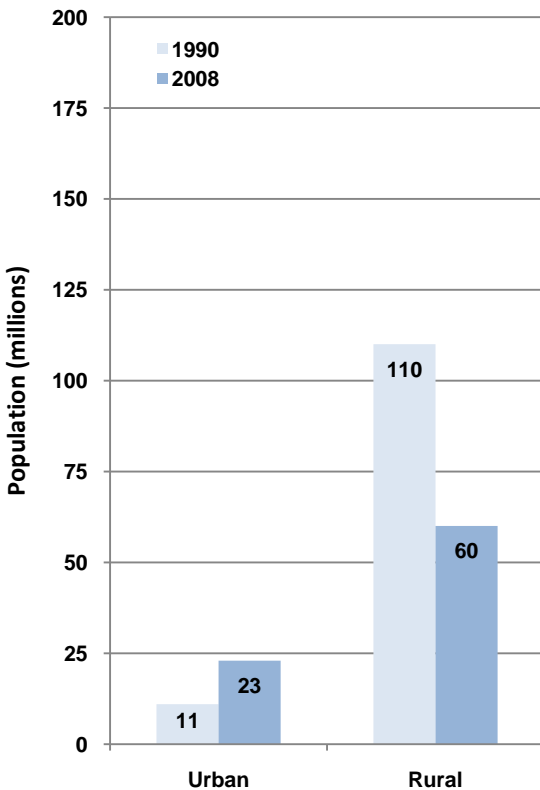


Countries in Southern Asia with  $\geq 100,000$  people without an improved drinking water source, 2008

Drinking water coverage trends, Southern Asia, 1990 – 2008

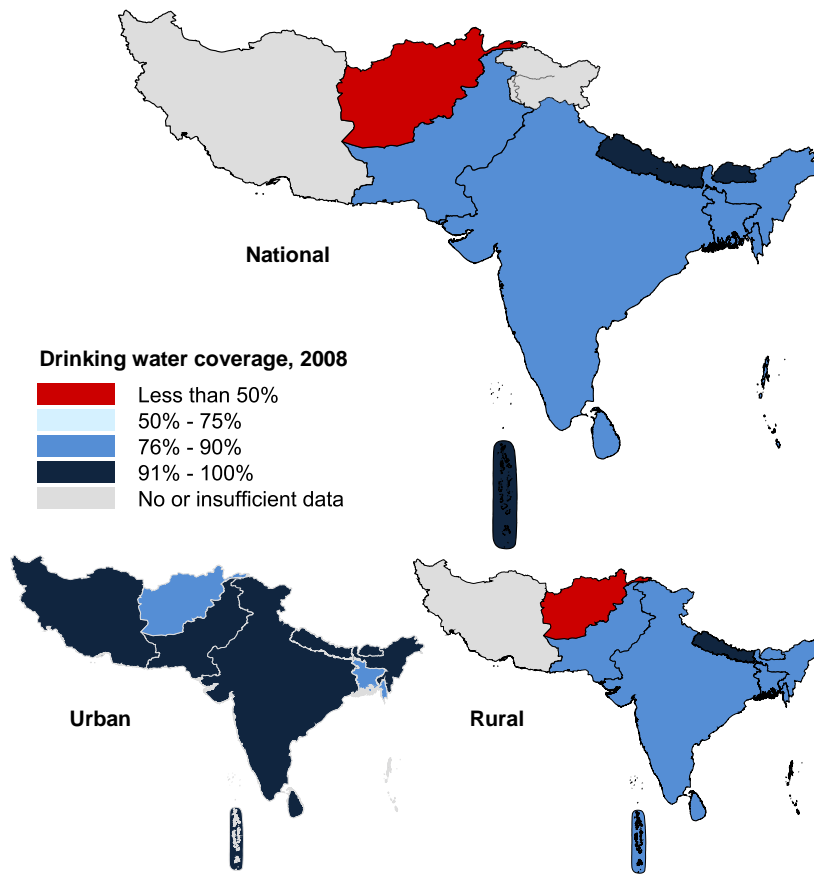


Since 1990, the population without an improved drinking water source decreased by 79 million



Urban/rural disparities in the population without an improved drinking water source, Southern Asia, 1990 and 2008 (millions)

In Afghanistan less than half of the population uses an improved drinking water source



# Sanitation coverage data

Sanitation coverage: Country estimates by type of sanitation practices, 1990, 2000, 2008

Country, area or territory	Year	Population		Sanitation Coverage (%)												Population gaining access 1990 – 2008 (x1,000)
				Urban				Rural				Total				
		Total (x1,000)	Urban (%)	Improved	Shared	Unimproved	Open defecation	Improved	Shared	Unimproved	Open defecation	Improved	Shared	Unimproved	Open defecation	
Afghanistan	1990	12,580	18	-	-	-	-	-	-	-	-	-	-	-	-	4,917*
	2000	20,536	21	46	-	43	11	28	-	40	32	32	-	40	28	
	2008	27,208	24	60	-	38	2	30	-	50	20	37	-	47	16	
Bangladesh	1990	115,632	20	59	27	7	7	34	16	10	40	39	18	10	33	39,704
	2000	140,767	24	57	26	12	5	43	20	13	24	46	21	13	20	
	2008	160,000	27	56	26	15	3	52	24	16	8	53	25	15	7	
Bhutan	1990	549	16	-	-	-	-	-	-	-	-	-	-	-	-	-
	2000	561	25	87	-	9	4	54	-	35	11	62	-	29	9	
	2008	687	35	87	-	9	4	54	-	35	11	65	-	26	9	
India	1990	862,162	26	49	19	4	28	7	1	2	90	18	6	2	74	211,049
	2000	1,042,590	28	52	20	6	22	14	3	4	79	25	8	4	63	
	2008	1,181,412	29	54	21	7	18	21	4	6	69	31	9	6	54	
Iran, (Islamic Republic of)	1990	56,733	56	86	-	14	-	78	-	22	-	83	-	17	-	-
	2000	66,903	64	86	-	14	-	78	-	22	-	83	-	17	-	
	2008	73,312	68	-	-	-	-	-	-	-	-	-	-	-	-	
Maldives	1990	216	26	100	-	0	0	58	-	12	30	69	-	9	22	150
	2000	272	28	100	-	0	0	74	-	7	19	81	-	5	14	
	2008	305	38	100	-	0	0	96	-	0	4	98	-	0	2	
Nepal	1990	19,105	9	41	24	5	30	8	2	5	85	11	4	5	80	6,829
	2000	24,432	13	47	27	4	22	19	5	5	71	23	8	5	64	
	2008	28,810	17	51	30	4	15	27	7	6	60	31	11	6	52	
Pakistan	1990	115,776	31	73	6	14	7	8	1	20	71	28	3	18	51	47,211
	2000	148,132	33	72	6	16	6	20	3	23	54	37	4	21	38	
	2008	176,952	36	72	6	17	5	29	5	26	40	45	5	23	27	
Sri Lanka	1990	17,290	17	85	7	4	4	67	2	15	16	70	3	13	14	6,152
	2000	18,767	16	87	7	3	3	81	3	8	8	82	4	7	7	
	2008	20,061	15	88	7	3	2	92	3	4	1	91	4	4	1	
Southern Asia	1990	1,200,043	27	56	18	3	23	13	3	3	81	25	7	2	66	305,467
	2000	1,462,960	29	58	19	5	18	20	5	6	69	31	9	6	54	
	2008	1,668,746	31	57	19	10	14	26	6	10	58	36	10	10	44	

•1995-2008 estimates are given for Afghanistan

• Data not available to the WHO/UNICEF JMP are marked with a “ - “

# Drinking water coverage data

Drinking water coverage: Country estimates by type of drinking water source 1990, 2000, 2008

Country	Year	Population		Drinking Water Coverage (%)												Population gaining access 1990 – 2008 (x 1,000)
				Urban				Rural				Total				
							Unimproved				Unimproved				Unimproved	
		Improved	Piped on premises	Other improved	Improved	Piped on premises		Other improved	Improved	Piped on premises		Other improved				
Afghanistan	1990	12,580	18	-	-	-	-	-	-	-	-	-	-	-	-	12,583*
	2000	20,536	21	36	10	26	64	17	0	17	83	21	2	19	79	
	2008	27,208	24	78	16	62	22	39	0	39	61	48	4	44	52	
Bangladesh	1990	115,632	20	88	28	60	12	76	0	76	24	78	6	72	22	37,807
	2000	140,767	24	86	26	60	14	77	0	77	23	79	6	73	21	
	2008	160,000	27	85	24	61	15	78	0	78	22	80	6	74	20	
Bhutan	1990	549	16	-	-	-	-	-	-	-	-	-	-	-	-	-
	2000	561	25	99	81	18	1	88	45	43	12	91	54	37	9	
	2008	687	35	99	81	18	1	88	45	43	12	92	57	35	8	
India	1990	862,162	26	90	52	38	10	66	8	58	34	72	19	53	28	418,886
	2000	1,042,590	28	93	50	43	7	76	9	67	24	81	20	61	19	
	2008	1,181,412	29	96	48	48	4	84	11	73	16	88	22	66	12	
Iran, (Islamic Republic of)	1990	56,733	56	98	96	2	2	83	69	14	17	91	84	7	9	-
	2000	66,903	64	98	96	2	2	83	69	14	17	93	86	7	7	
	2008	73,312	68	98	96	2	2	-	-	-	-	-	-	-	-	
Maldives	1990	216	26	100	47	53	0	87	0	87	13	90	12	78	10	84
	2000	272	28	100	68	32	0	87	0	87	13	91	19	72	9	
	2008	305	38	99	95	4	1	86	2	84	14	91	37	54	9	
Nepal	1990	19,105	9	96	43	53	4	74	5	69	26	76	8	68	24	10,833
	2000	24,432	13	94	48	46	6	81	8	73	19	83	13	70	17	
	2008	28,810	17	93	52	41	7	87	10	77	13	88	17	71	12	
Pakistan	1990	115,776	31	96	57	39	4	81	9	72	19	86	24	62	14	59,690
	2000	148,132	33	95	56	39	5	85	15	70	15	88	29	59	12	
	2008	176,952	36	95	55	40	5	87	20	67	13	90	33	57	10	
Sri Lanka	1990	17,290	17	91	37	54	9	62	6	56	38	67	11	56	33	6,470
	2000	18,767	16	95	53	42	5	77	15	62	23	80	21	59	20	
	2008	20,061	15	98	65	33	2	88	22	66	12	90	28	62	10	
Southern Asia	1990	1,200,043	27	91	55	36	9	69	9	60	31	75	21	54	25	547,433
	2000	1,462,960	29	93	53	40	7	76	10	66	24	81	22	59	19	
	2008	1,668,746	31	95	51	44	5	83	11	72	17	87	23	64	13	

\*1995-2008 estimates are given for Afghanistan

• Data not available to the WHO/UNICEF JMP are marked with a “ - ”