

# Annexes

**ANNEX A: IMPROVED WATER SUPPLY AND SANITATION COVERAGE FOR COUNTRIES IN ASIA AND THE PACIFIC**

Country	Year	Population			Drinking Water Coverage (%)						Sanitation Coverage (%)					
		Total	Urban	Rural	Total		Urban		Rural		Total		Urban		Rural	
		('000)	(%)	(%)	Total Access	House Connections	Total Access	House Connections	Total Access	House Connections	Total Access	Sewer Connections	Total Access	Sewer Connections	Total Access	Sewer Connections
Afghanistan	1990	13,799	18	82						0	1		4	5	0	
Afghanistan	2002	22,930	23	77	13	2	19	8	11	0	8	0	16	0	5	0
American Samoa	1990	47	81	19												
American Samoa	2002	60	90	10												
Armenia	1990	3,545	67	33			99	97				96				
Armenia	2002	3,072	65	35	92	85	99	97	80	64	84	69	96	93	61	24
Australia	1990	16,888	85	15	100		100		100		100		100		100	
Australia	2002	19,544	92	8	100		100		100		100		100		100	
Azerbaijan	1990	7,192	54	46	66	41	80	63	49	16						
Azerbaijan	2002	8,297	50	50	77	47	95	76	59	19	55		73		36	
Bangladesh	1990	109,402	20	80	71	6	83	28	68	0	23	1	71	4	11	0
Bangladesh	2002	143,809	24	76	75	6	82	26	72	0	48	2	75	6	39	0
Bhutan	1990	1,696	5	95										0		
Bhutan	2002	2,190	8	92	62		86	81	60		70		65	40	70	
Brunei Darussalam	1990	257	66	34												
Brunei Darussalam	2002	350	75	25												
Cambodia	1990	9,744	13	87						1						0
Cambodia	2002	13,810	18	82	34	6	58	31	29	1	16	4	53	23	8	0
China, People's Rep. of	1990	1,155,305	27	73	70	49	100	80	59	37	23	9	64	28	7	1
China, People's Rep. of	2002	1,294,867	38	62	77	59	92	91	68	40	44	17	69	42	29	2
Hong Kong, China	1990	5,704	100	0												
Hong Kong, China	2002	6,981	100	0												
Macao SAR, China	1990	372	99	1												
Macao SAR, China	2002	460	99	1												
Cook Islands	1990	18	58	42	94		99		87		95	0	100	0	88	0
Cook Islands	2002	18	69	31	95		98		88		100	0	100	0	100	0
Korea, Dem. People's Rep. of	1990	19,956	58	42	100		100		100							
Korea, Dem. People's Rep. of	2002	22,541	61	39	100	77	100	81	100	71	59	11	58	12	60	9
Fiji Islands	1990	724	42	58							98		99		98	
Fiji Islands	2002	831	51	49							98		99		98	
French Polynesia	1990	195	56	44	100	98	100	99	100	96		2	99	0	97	4
French Polynesia	2002	241	52	48	100	98	100	99	100	96	98	2	99	0	97	4
Georgia	1990	5,460	55	45									96			
Georgia	2002	5,177	52	48	76	58	90	83	61	30	83		96		69	
Guam	1990	134	91	9	100		100		100		99	98	99	99	98	96
Guam	2002	160	94	6	100		100		100		99	98	99	99	98	96
India	1990	846,418	26	74	68	17	88	51	61	5	12	7	43	25	1	1
India	2002	1,049,549	28	72	86	24	96	51	82	13	30	7	58	18	18	2
Indonesia	1990	182,117	31	69	71	10	92	26	62	3	46	1	66	2	38	0
Indonesia	2002	217,131	44	56	78	17	89	31	69	5	52	1	71	2	38	0
Iran, Islamic Republic of	1990	56,703	56	44	91	84	98	96	83	69	83	4	86	7	78	0
Iran, Islamic Republic of	2002	68,070	66	34	93	87	98	96	83	69	84	13	86	20	78	0
Japan	1990	123,537	63	37	100	95	100	98	100	91	100		100		100	
Japan	2002	127,478	65	35	100	96	100	98	100	91	100		100		100	
Kazakhstan	1990	16,809	57	43	86	62	96	88	72	27	72	43	87	72	52	4
Kazakhstan	2002	15,469	56	44	86	61	96	88	72	27	72	42	87	72	52	4
Kiribati	1990	72	35	65	48	24	76	46	33	13	25		33		21	0
Kiribati	2002	87	46	54	64	34	77	49	53	22	39	17	59	36	22	0
Kyrgyz Rep.	1990	4,395	38	62			98									
Kyrgyz Rep.	2002	5,067	34	66	76	48	98	87	66	28	60		75		51	
Lao People's Dem. Republic	1990	4,132	15	85						4		0		0		0
Lao People's Dem. Republic	2002	5,529	20	80	43	8	66	25	38	4	24	0	61	0	14	0
Malaysia	1990	17,845	50	50			96				96		94		98	0
Malaysia	2002	23,965	63	37	95		96		94	64					98	0
Maldives	1990	216	26	74	99	20	100	78	99	0			100	99		
Maldives	2002	309	28	72	84	22	99	76	78	0	58	41	100	99	42	18
Marshall Islands	1990	44	65	35	96		95		97		75		88		51	
Marshall Islands	2002	52	66	34	85		80		95		82		93		59	
Micronesia, Fed. States of	1990	96	26	74	87		93		85		30		53		21	
Micronesia, Fed. States of	2002	108	29	71	94		95		94		28		61		14	
Mongolia	1990	2,216	57	43	62	28	87	49	30	1						0
Mongolia	2002	2,559	57	43	62	28	87	49	30	1	59	34	75	61	37	0
Myanmar	1990	40,506	25	75	48	3	73	11	40	1	21	1	39	3	15	0
Myanmar	2002	48,852	29	71	80	8	95	23	74	2	73	1	96	3	63	0

Source: Meeting the MDG drinking water and sanitation target: A mid-term assessment of progress. WHO and UNICEF. 2004. United Nations, New York.  
 Note: Blank spaces indicate unavailability of data.

**Annex A: IMPROVED WATER SUPPLY AND SANITATION COVERAGE FOR COUNTRIES IN ASIA AND THE PACIFIC** continued

Country	Year	Population			Drinking Water Coverage (%)						Sanitation Coverage (%)					
		Total	Urban	Rural	Total		Urban		Rural		Total		Urban		Rural	
		('000)	(%)	(%)	Total Access	House Connections	Total Access	House Connections	Total Access	House Connections	Total Access	Sewer Connections	Total Access	Sewer Connections	Total Access	Sewer Connections
Nauru	1990	9	100	0												
	2002	13	100	0												
Nepal	1990	18,625	9	91	69	6	94	42	67	3	12		62		7	0
	2002	24,609	15	85	84	14	93	48	82	8	27	2	68	12	20	0
New Caledonia	1990	171	60	40												
	2002	224	61	39												
New Zealand	1990	3,360	85	15	97		100	100	82					95	88	
	2002	3,846	86	14			100	100						95		
Niue	1990	2	31	69	100		100	100	100		100	0	100	0	100	0
	2002	2	35	65	100	87	100	100	100	80	100	0	100	0	100	0
Northern Mariana Islands	1990	44	89	11	98		98	93	100		84		85	75	78	
	2002	76	94	6	98		98		97	35	94		94		96	35
Pakistan	1990	110,901	31	69	83	28	95	61	78	13	38	15	81	41	19	3
	2002	149,911	34	66	90	23	95	50	87	9	54	24	92	52	35	10
Palau	1990	15	70	30	80		71		99		66	39	72	56	54	0
	2002	20	69	31	84		79		94	10	83	45	96	65	52	0
Papua New Guinea	1990	4,114	13	87	39	11	88	61	32	4	45	2	67	15	41	0
	2002	5,586	13	87	39	11	88	61	32	4	45	2	67	15	41	0
Philippines	1990	61,104	49	51	87	21	93	37	82	6	54	6	63	9	46	2
	2002	78,580	60	40	85	44	90	60	77	22	73	7	81	10	61	2
Korea, Rep. of	1990	42,869	74	26			97	96								2
	2002	47,430	80	20	92	84	97	96	71	39		52		65		2
Russian Federation	1990	148,292	73	27	94	77	97	87	86	49	87	70	93	84	70	30
	2002	144,082	73	27	96	81	99	92	88	52	87	70	93	85	70	30
Samoa	1990	160	21	79	91		99		89		98	0	100	0	98	0
	2002	176	22	78	88	57	91	74	88	52	100	0	100	0	100	0
Singapore	1990	3,016	100	0			100	100					100	96		
	2002	4,183	100	0			100	100					100	100		
Solomon Islands	1990	319	14	86		11		76		1		3	98	22		0
	2002	463	16	84	70	13	94	76	65	1	31	4	98	25	18	0
Sri Lanka	1990	16,830	21	79	68	11	91	37	62	4	70	1	89	4	64	0
	2002	18,910	21	79	78	10	99	35	72	4	91	1	98	4	89	0
Tajikistan	1990	5,303	32	68												
	2002	6,195	25	75	58	40	93	82	47	26	53		71		47	
Thailand	1990	54,389	29	71	81	28	87	69	78	11	80	0	95	0	74	0
	2002	62,193	32	68	85	34	95	80	80	12	99	0	97	0	100	0
Timor-Leste	1990	740	8	92												
	2002	739	8	92	52	9	73	26	51	8	33		65		30	
Tonga	1990	99	31	69	100		100		100		97		98	0	96	
	2002	103	33	67	100	75	100	72	100	76	97		98	0	96	
Turkey	1990	57,593	59	41	81	50	92	64	65	30	84	50	96	79	67	7
	2002	70,318	66	34	93	52	96	64	87	30	83	60	94	84	62	14
Turkmenistan	1990	3,668	45	55												
	2002	4,794	45	55	71	52	93	81	54	29	62		77		50	
Tuvalu	1990	9	41	59	91		92		89		78	0	83	0	74	0
	2002	10	54	46	93		94		92		88	0	92	0	83	0
Uzbekistan	1990	20,515	40	60	89	54	97	85	84	33	58		73		48	
	2002	25,705	37	63	89	53	97	85	84	33	57		73		48	
Vanuatu	1990	149	19	81	60	38	93	80	53	28				0		
	2002	207	22	78	60	38	85	73	52	28	50		78	0	42	
Viet Nam	1990	66,074	20	80	72	11	93	51	67	1	22	1	46	6	16	0
	2002	80,278	25	75	73	14	93	51	67	1	41	2	84	8	26	0

Source: Meeting the MDG drinking water and sanitation target: A mid-term assessment of progress. WHO and UNICEF. 2004. United Nations, New York.  
 Note: Blank spaces indicate unavailability of data.

## Annex B: DRINKING WATER AND SANITATION COVERAGE ESTIMATES FOR SUBREGIONS IN ASIA AND THE PACIFIC, 1990 and 2002

Year	Population			Water Supply Coverage (%)						Sanitation Coverage (%)						
	Total	Urban	Rural	Total	Urban		Rural		Total	Urban		Rural				
	('000)	(%)	(%)	Total Access	Household Connections	Total Access	Household Connections	Total Access	House Connections	Total Access	Sewer Connections	Total Access	Sewer Connections	Total Access	Sewer Connections	
Asia and the Pacific	1990	3,263,921	33	67	74	38	95	70	64	22	34	13	70	33	16	2
	2002	3,838,218	39	61	82	43	94	73	75	24	49	16	75	37	33	3
East and Northeast Asia	1990	1,349,962	33	67	74	55	99	85	62	40	32	10	71	28	12	1
	2002	1,502,315	42	58	80	64	94	92	70	43	50	20	73	43	33	3
North and Central Asia	1990	215,178	65	35	91	71	96	86	82	42	64	92	83	63	26	
	2002	217,858	63	37	91	72	98	90	79	40	79	63	90	84	59	26
Pacific	1990	26,672	70	30	89	67	100	93	63	6	90	54	99	77	69	0
	2002	31,828	73	27	87	69	99	92	53	8	87	55	98	75	57	0
South and Southwest Asia	1990	1,232,183	28	72	71	21	90	56	64	7	23	9	58	29	9	1
	2002	1,550,605	31	69	85	26	94	54	80	13	39	10	69	27	25	3
Southeast Asia	1990	439,926	32	68	73	14	91	37	65	3	48	2	67	6	39	0
	2002	535,612	41	59	79	23	91	45	70	8	61	3	79	7	49	0

Source: Figures derived from data in *Meeting the MDG drinking water and sanitation target: A mid-term assessment of progress*. WHO and UNICEF, 2004. United Nations, New York.

## Annex C. 1990 AND 2002 COVERAGE AND ANNUAL GROWTH RATES

Subregion/Country	Water Supply									Sanitation						Annual Compounded Growth Rate (%)		
	1990			2002			Annual Growth Rate (%)			1990			2002			Total	Urban	Rural
	Total water supply coverage (%)	Urban water supply coverage (%)	Rural water supply coverage (%)	Total water supply coverage (%)	Urban water supply coverage (%)	Rural water supply coverage (%)	Total	Urban	Rural	Total sanitation coverage (%)	Urban sanitation coverage (%)	Rural sanitation coverage (%)	Total sanitation coverage (%)	Urban sanitation coverage (%)	Rural sanitation coverage (%)			
<b>East and Northeast Asia</b>																		
<b>China Korea, Dem. Peoples Rep. of</b>	70	100	59	77	92	68	0.80	(0.69)	1.19	23	64	7	44	69	29	5.60	0.60	12.60
<b>Korea, Rep. of</b>	100	100	100	100	100	100	0.00	0.00	0.00				59	58	60			
<b>Mongolia</b>	62	87	30	62	87	30	0.00	0.00	0.00				59	75	37			
Japan				100	100	100							100	100	100			
<b>North and Central Asia</b>																		
Armenia		99		92	99	80			0.00		96		84	96	61			0.00
Azerbaijan	66	80	49	77	95	59	1.29	1.44	1.56				55	73	36			
Georgia				76	90	61					96		83	96	69			0.00
<b>Kazakhstan</b>	86	96	72	86	96	72	0.00	0.00	0.00	72	87	52	72	87	52	0.00	0.00	0.00
<b>Kyrgyz Republic</b>				76	98	66			0.00				60	75	51			
<b>Russian Fed.</b>	94	97	86	96	99	88	0.18	0.17	0.19	87	93	70	87	93	70	0.00	0.00	0.00
Tajikistan				58	93	47							53	71	47			
Turkmenistan				71	93	54							62	77	50			
<b>Uzbekistan</b>	89	97	84	89	97	84	0.00	0.00	0.00	58	73	48	57	73	48	(0.10)	0.00	0.00
<b>Pacific</b>																		
Australia				100	100	100							100	100	100			
<b>Cook Islands</b>	94	99	87	95	98	88	0.09	(0.08)	0.10	95	100	88	100	100	100	0.40	0.00	1.10
Fiji Islands										98	99	98	98	99	98	0.00	0.00	0.00
<b>French Polynesia</b>	100	100	100	100	100	100	0.00	0.00	0.00	98	99	97	98	99	97	0.00	0.00	0.00
Guam	100	100	100	100	100	100	0.00	0.00	0.00	99	99	98	99	99	98	0.00	0.00	0.00
<b>Kiribati</b>	48	76	33	64	77	53	2.43	0.11	4.03	25	33	21	39	59	22	3.80	5.00	0.40
<b>Marshall Islands</b>	96	95	97	85	80	95	(1.01)	(1.42)	(0.17)	75	88	51	82	93	59	0.70	0.50	1.20
<b>Micronesia, Fed. States of</b>	87	93	85	94	95	94	0.65	0.18	0.84	30	53	21	28	61	14	(0.60)	1.20	(3.30)
New Zealand				100	100	100												
<b>Niue</b>	100	100	100	100	100	100	0.00	0.00	0.00	100	100	100	100	100	100	0.00	0.00	0.00
<b>Northern Mariana Is.</b>	98	98	100	98	98	97	0.00	0.00	(0.25)	84	85	78	94	94	96	0.90	0.80	1.70
<b>Palau</b>	80	71	99	84	79	94	0.41	0.89	(0.43)	66	72	54	83	96	52	1.90	2.40	(0.30)
<b>Papua New Guinea</b>	39	88	32	39	88	32	0.00	0.00	0.00	45	67	41	45	67	41	0.00	0.00	0.00
<b>Samoa</b>	91	99	89	88	91	88	(0.28)	(0.70)	(0.09)	98	100	98	100	100	100	0.20	0.00	0.20

Notes: 1. Countries in bolded text have full baseline data. 2. Blanks indicate unavailability of data.

Source: Figures derived from data in *Meeting the MDG drinking water and sanitation target: A mid-term assessment of progress*. WHO and UNICEF, 2004. United Nations, New York.

## Annex C. 1990 AND 2002 COVERAGE AND ANNUAL GROWTH RATES continued

Subregion/ Country	Water Supply									Sanitation								
	1990			2002			Annual Growth Rate (%)			1990			2002			Annual Compounded Growth Rate (%)		
	Total water supply coverage (%)	Urban water supply coverage (%)	Rural water supply coverage (%)	Total water supply coverage (%)	Urban water supply coverage (%)	Rural water supply coverage (%)	Total	Urban	Rural	Total sanitation coverage (%)	Urban sanitation coverage (%)	Rural sanitation coverage (%)	Total sanitation coverage (%)	Urban sanitation coverage (%)	Rural sanitation coverage (%)	Total	Urban	Rural
<b>Solomon Is.</b>				70	94	65					98		31	98	18			0.00
<b>Tokelau</b>			96			89		(0.63)				30			74			7.80
<b>Tonga</b>	100	100	100	100	100	100	0.00	0.00	0.00	97	98	96	97	98	96	0.00	0.00	0.00
<b>Tuvalu</b>	91	92	89	93	94	92	0.18	0.18	0.28	78	83	74	88	92	83	1.00	0.90	1.00
<b>Vanuatu</b>	60	93	53	60	85	52	0.00	(0.75)	(0.16)				50	78	42			
<b>South and Southwest Asia</b>																		
<b>Afghanistan</b>				13	19	11						5	8	16	5			0.00
<b>Bangladesh</b>	71	83	68	75	82	72	0.46	(0.10)	0.48	23	71	11	48	75	39	6.30	0.50	11.10
<b>Bhutan</b>				62	86	60							70	65	70			
<b>India</b>	68	88	61	86	96	82	1.98	0.73	2.50	12	43	1	30	58	18	7.90	2.50	27.20
<b>Iran, Islamic Republic of</b>	91	98	83	93	98	83	0.18	0.00	0.00	83	86	78	84	86	78	0.10	0.00	0.00
<b>Maldives</b>	99	100	99	84	99	78	(1.36)	(0.08)	(1.97)		100		58	100	42			0.00
<b>Nepal</b>	69	94	67	84	93	82	1.65	(0.09)	1.70	12	62	7	27	68	20	7.00	0.80	9.10
<b>Pakistan</b>	83	95	78	90	95	87	0.68	0.00	0.91	38	81	19	54	92	35	3.00	1.10	5.20
<b>Sri Lanka</b>	68	91	62	78	99	72	1.15	0.70	1.25	70	89	64	91	98	89	2.20	0.80	2.80
<b>Turkey</b>	81	92	65	93	96	87	1.16	0.36	2.46	84	96	67	83	94	62	(0.10)	(0.20)	(0.60)
<b>Southeast Asia</b>																		
<b>Cambodia</b>				34	58	29							16	53	8			
<b>Indonesia</b>	71	92	62	78	89	69	0.79	(0.28)	0.90	46	66	38	52	71	38	1.00	0.60	0.00
<b>Lao People's Dem. Republic</b>				43	66	38							24	61	14			
<b>Malaysia</b>		96		95	96	94		0.00		96	94	98			98			0.00
<b>Myanmar</b>	48	73	40	80	95	74	4.35	2.22	5.26	21	39	15	73	96	63	10.90	7.80	12.70
<b>Philippines</b>	87	93	82	85	90	77	(0.19)	(0.27)	(0.52)	54	63	46	73	81	61	2.50	2.10	2.40
<b>Singapore</b>				100	100	0												
<b>Thailand</b>	81	87	78	85	95	80	0.40	0.74	0.21	80	95	74	99	97	100	1.80	0.20	2.50
<b>Timor-Leste</b>				52	73	51							33	65	30			
<b>Viet Nam</b>	72	93	67	73	93	67	0.12	0.00	0.00	22	46	16	41	84	26	5.30	5.10	4.10

Notes: 1. Countries in bolded text have full baseline data. 2. Blanks indicate unavailability of data.

Source: Figures derived from data in *Meeting the MDG drinking water and sanitation target: A mid-term assessment of progress*. WHO and UNICEF, 2004. United Nations, New York.

Annex D. ECONOMIC VALUE OF TIME SAVINGS FROM IMPROVED WATER SUPPLY AND SANITATION, 2000 (amounts in \$ million)

<b>Value of Productive Days Gained due to Less Illness at Minimum Wage (15–60 age group)</b>				
	<b>Intervention 1</b>	<b>Intervention 2</b>	<b>Intervention 3</b>	<b>Intervention 4</b>
East and Northeast Asia	205.9	412.0	1,113.9	1,688.3
North and Central Asia	4.5	9.0	32.8	52.3
Pacific	1.3	2.6	5.9	8.6
South and Southwest Asia	91.8	183.6	521.0	797.0
Southeast Asia	20.0	39.9	147.3	235.2
<b>Total</b>	<b>323.5</b>	<b>646.9</b>	<b>1,820.9</b>	<b>2,781.5</b>

  

<b>Value of Time Gain per Year due to Closer Access to WSS Facilities</b>				
	<b>Intervention 1</b>	<b>Intervention 2</b>	<b>Intervention 3</b>	<b>Intervention 4</b>
East and Northeast Asia	17,916.2	35,832.3	35,832.3	61,356.7
North and Central Asia	1,582.2	3,164.5	3,164.5	6,857.7
Pacific	345.9	691.9	691.9	1,716.3
South and Southwest Asia	27,525.4	55,050.8	55,050.8	119,244.0
Southeast Asia	6,884.8	13,769.6	13,769.6	52,254.8
<b>Total</b>	<b>54,254.6</b>	<b>108,509.1</b>	<b>108,509.1</b>	<b>241,429.5</b>

Source: Hutton, G. and L. Haller. Evaluation of the Costs and Benefits of Water and Sanitation Improvement at the Global Level. Geneva: World Health Organization, 2004. (WHO/SDE/WSH/4.04)  
 Note: Figures may not add up due to rounding.

Annex E. NUMBER OF DIARRHEA CASES AVERTED PER YEAR, 2000 (in million)

	<b>Intervention 1</b>	<b>Intervention 2</b>	<b>Intervention 3</b>	<b>Intervention 4</b>
East and Northeast Asia	108.4	216.8	557.5	836.2
North and Central Asia	3.9	7.9	30.7	49.4
Pacific	0.8	1.6	3.8	5.5
South and Southwest Asia	137.6	275.2	718.5	1,081.0
Southeast Asia	24.6	49.2	150.7	233.8
<b>Total</b>	<b>275.4</b>	<b>550.7</b>	<b>1,461.1</b>	<b>2,205.9</b>

Source: Hutton, G. and L. Haller. Evaluation of the Costs and Benefits of Water and Sanitation Improvement at the Global Level. Geneva: World Health Organization, 2004. (WHO/SDE/WSH/4.04)  
 Note: Figures may not add up due to rounding.

**Annex F. COST SAVINGS DUE TO IMPROVED HEALTH FROM INCREASED ACCESS TO WATER SUPPLY AND SANITATION, 2000**  
(in \$ million)

<b>Health Sector Costs Averted due to Less Illness Per Year</b>				
	<b>Intervention 1</b>	<b>Intervention 2</b>	<b>Intervention 3</b>	<b>Intervention 4</b>
East and Northeast Asia	1,273.7	2,547.4	6,548.7	9,822.8
North and Central Asia	55.7	111.4	442.7	713.8
Pacific	9.6	19.3	44.5	65.2
South and Southwest Asia	983.1	1,966.1	5,306.0	8,038.2
Southeast Asia	265.7	531.4	1,612.8	2,497.8
<b>Total</b>	<b>2,587.8</b>	<b>5,175.6</b>	<b>13,954.7</b>	<b>21,137.7</b>

  

<b>Patient Costs Averted due to Less Illness Per Year</b>				
	<b>Intervention 1</b>	<b>Intervention 2</b>	<b>Intervention 3</b>	<b>Intervention 4</b>
East and Northeast Asia	32.7	65.4	168.2	252.3
North and Central Asia	1.2	2.4	9.3	14.9
Pacific	0.2	0.5	1.1	1.7
South and Southwest Asia	41.5	83.0	216.8	326.2
Southeast Asia	7.4	14.8	45.5	70.5
<b>Total</b>	<b>83.1</b>	<b>166.2</b>	<b>440.8</b>	<b>665.5</b>

Source: Hutton, G. and L. Haller. Evaluation of the Costs and Benefits of Water and Sanitation Improvement at the Global Level. Geneva: World Health Organization, 2004. (WHO/SDE/WSH/4.04)  
Note: Figures may not add up due to rounding.

**Annex G. SCHOOL DAYS SAVED FROM IMPROVED WATER SUPPLY AND SANITATION AND THEIR ECONOMIC VALUE**

<b>Number of School Days Gained due to Less Illness Per Year (in million)</b>				
	<b>Intervention 1</b>	<b>Intervention 2</b>	<b>Intervention 3</b>	<b>Intervention 4</b>
East and Northeast Asia	41.6	83.3	214.0	321.0
North and Central Asia	1.8	3.7	12.5	19.8
Pacific	0.3	0.6	1.4	2.1
South and Southwest Asia	66.4	132.9	345.8	519.9
Southeast Asia	9.8	19.7	59.8	92.6
<b>Total</b>	<b>120.0</b>	<b>240.1</b>	<b>633.5</b>	<b>955.3</b>

  

<b>Value of School Days Gained per Year due to Less Illness (in \$ million)</b>				
	<b>Intervention 1</b>	<b>Intervention 2</b>	<b>Intervention 3</b>	<b>Intervention 4</b>
East and Northeast Asia	69.7	139.4	377.0	571.4
North and Central Asia	5.9	11.9	37.7	58.9
Pacific	1.7	3.4	7.9	11.6
South and Southwest Asia	132.1	264.2	749.8	1,147.1
Southeast Asia	23.4	46.7	161.7	255.8
<b>Total</b>	<b>232.8</b>	<b>465.6</b>	<b>1,334.2</b>	<b>2,044.8</b>

Source: Hutton, G. and L. Haller. Evaluation of the Costs and Benefits of Water and Sanitation Improvement at the Global Level. Geneva: World Health Organization, 2004. (WHO/SDE/WSH/4.04)  
Note: Figures may not add up due to rounding.