

SOUTH-EAST ASIA





# South-East Asia

## NTP MANAGER (OR EQUIVALENT) AND/OR PERSON(S) RESPONSIBLE FOR COMPLETING DATA COLLECTION FORM

Bangladesh	Mohammed Abdul Awal Miah; Roksana Hafiz
Bhutan	Chewang Rinzin
DPR Korea	Kim Jong Guk; Hong Sung Il
India	L.S. Chauhan
Indonesia	Jane Soepardi; Sudarman Soemrah
Maldives	Shameema Hussain; Fathmeth Reeza
Myanmar	Win Maung; Thandar Lwin
Nepal	Pushpa Malla; Badri Nath Jnawali
Sri Lanka	Chandra Sarukkali
Thailand	Yutichai Kasetjaroen; Pinan Daengharn; Sirinapha Jittimane
Timor-Leste	Constantino Lopes

This list shows the people named on the data collection form sent to WHO in 2008, not necessarily the current NTP manager. It is intended as an acknowledgement rather than a directory.

Table A3.1 Methods and assumptions for estimation of TB incidence, prevalence and mortality, South-East Asia

Country	Reference year	Incidence est. based on	Trend	Source of estimates			CI: ss+ HIV-			Duration ss+HIV-		
				MDR (new)	MDR (re-treat)	Model	DOTS	non-DOTS	DOTS	non-DOTS	DOTS	non-DOTS
Bangladesh	1997	ARI	ARI	Model	Model	Model	0.1	0.3	1	2.5	1	2.5
Bhutan	1997	ARI	Country notifs, exp.	Model	Model	Model	0.1	0.3	1	2.5	1	2.5
DPR Korea	2007	ARI	Not estimated	Model	Model	Model	0.1	0.3	1	2.5	1	2.5
India	2002	ARI	Not estimated	DRS	DRS	DRS	0.1	0.3	0.8	2.65	1.8	3.8
Indonesia	2004	Prev.	Expert opinion	DRS	Model	Model	0.1	0.3	0.8	1.12	0.8	1.12
Maldives	1997	Notif.	Country notifs, exp.	Model	Model	Model	0.05	0.2	0.8	2.5	0.8	2.5
Myanmar	1997	ARI	Not estimated	DRS	DRS	DRS	0.1	0.3	1	2.5	1	2.5
Nepal	1997	Prev.	ARI	DRS	DRS	DRS	0.05	0.2	1	2.5	1	2.5
Sri Lanka	1997	Notif.	Not estimated	DRS	Model	Model	0.1	0.3	1	2.5	1	2.5
Thailand	1997	Prev.	Not estimated	DRS	DRS	DRS	0.1	0.2	1	2.5	1	2.5
Timor-Leste	2007	Comparison	Not estimated	Model	Model	Model	0.1	0.2	1	2	1	2

- indicates no estimate; ARI, annual risk of infection; ave, average; C-ReC, capture re-capture; CDR, case detection rate; DRS, drug resistance survey; exp., exponential; HIV+, HIV-positive; HIV-, HIV-negative; Mort., mortality (vital registration); Notif(s), notification(s); Prev., disease prevalence survey; ss+, sputum smear-positive; ss-, sputum smear-negative. See Annex 2 (methods) for details. Data can be downloaded from www.who.int/tb

Table A3.2 Estimated burden of TB, South-East Asia, 1990 and 2007

Country	Incidence 1990			Prevalence 1990			TB mortality 1990			Incidence 2007			Prevalence 2007			TB mortality 2007			HIV prevalence in incident TB cases, 2007 (%)			MDR 2007							
	All forms* number	Smear-positive* number	rate	All forms* number	Smear-positive* number	rate	All forms* number	rate	All forms* number	Smear-positive* number	rate	All forms* number	rate	All forms* number	rate	All forms* number	rate	All forms* number	rate	new	re-treat	Percentage of new	Number among all cases	smear-positive					
Bangladesh	298 205	264	134 192	119	721 902	639	87 087	77	353 103	223	985	< 1	158 797	100	348	< 1	613 652	387	498	< 1	70 901	45	421	< 1	0	3.5	20	14 506	7 694
Bhutan	2 955	540	1 330	243	5 057	924	550	101	1 620	246	28	4	726	110	10	1	2 380	363	14	2	288	44	8	1	1.7	3.0	20	67	41
DPR Korea	69 382	344	31 222	155	169 458	841	22 830	113	81 944	344	174	< 1	36 857	155	61	< 1	104 953	441	87	< 1	15 409	65	49	< 1	0.2	3.9	23	7 183	5 407
India	1 443 567	168	649 377	75	5 044 476	586	360 835	42	1 961 825	168	103 068	9	872 514	75	36 074	3	3 304 976	283	51 534	4	331 268	28	29 508	3	5.3	2.8	17	130 526	98 639
Indonesia	626 867	343	282 090	154	809 592	443	168 956	92	528 063	228	15 996	7	236 029	102	5 599	2	565 614	244	7 998	3	91 368	39	5 444	2	3.0	2.0	20	12 209	6 427
Maldives	278	129	125	58	308	143	16	7	143	47	1	< 1	64	21	< 1	147	48	< 1	< 1	12	4	< 1	< 1	0.8	2.7	21	5	3	
Myanmar	68 616	171	30 503	76	165 017	411	20 958	52	83 403	171	9 114	19	36 620	75	3 190	7	78 846	162	4 557	9	6 287	13	911	2	11	4.0	16	4 181	2 331
Nepal	46 445	243	20 893	109	120 250	629	9 712	51	48 766	173	1 175	4	21 827	77	411	1	67 546	240	588	2	6 436	23	268	< 1	2.4	2.9	12	1 937	1 164
Sri Lanka	10 353	60	4 659	27	18 614	109	1 724	10	11 676	60	9	< 1	5 253	27	3	< 1	15 322	79	5	< 1	1 504	8	2	< 1	0.1	0.2	21	152	141
Thailand	77 232	142	33 862	62	182 330	336	16 047	30	90 878	142	15 481	24	39 347	62	5 418	8	122 826	192	7 741	12	13 589	21	3 853	6	17	1.7	35	2 774	1 923
Timor-Leste	2 383	322	1 073	145	5 225	706	538	73	3 718	322	< 1	< 1	1 673	145	< 1	4 371	378	< 1	< 1	544	47	< 1	< 1	< 0.05	2.9	20	118	58	
<b>SEAR</b>	<b>2 646 286</b>	<b>202</b>	<b>1 189 326</b>	<b>91</b>	<b>7 242 230</b>	<b>554</b>	<b>689 251</b>	<b>53</b>	<b>3 165 139</b>	<b>181</b>	<b>146 042</b>	<b>8</b>	<b>1 409 708</b>	<b>81</b>	<b>51 115</b>	<b>3</b>	<b>4 880 642</b>	<b>260</b>	<b>73 021</b>	<b>4</b>	<b>537 616</b>	<b>31</b>	<b>40 465</b>	<b>2</b>	<b>4.6</b>	<b>2.8</b>	<b>18</b>	<b>173 660</b>	<b>124 826</b>

- Indicates no estimate.  
 \* Incidence, prevalence and mortality estimates include patients with HIV. Estimates labelled "HIV+" are estimates of HIV+ TB cases in all people. Estimates for all years are re-calculated as new information becomes available and techniques are refined, so they may differ from those published previously. See Explanatory notes for further details.  
 Data can be downloaded from www.who.int/tb

Table A3.3 Estimated incidence of TB (all forms) in all people, South-East Asia, 1990–2007

	Number of cases																	Rate (per 100 000 population)																		
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Bangladesh	298 205	302 065	305 909	309 695	313 372	316 904	320 270	323 486	326 605	329 697	332 806	335 951	339 104	342 211	345 197	348 013	350 641	353 103	2 64	2 61	2 59	2 56	2 53	2 51	2 48	2 46	2 44	2 41	2 39	2 36	2 34	2 32	2 29	2 27	2 25	2 23
Bhutan	2 955	2 807	2 633	2 455	2 297	2 172	2 082	1 973	1 935	1 899	1 864	1 832	1 798	1 761	1 719	1 671	1 620	5 40	5 16	4 92	4 70	4 49	4 28	4 09	3 91	3 73	3 56	3 40	3 25	3 10	2 96	2 83	2 70	2 58	2 46	
DPR Korea	69 392	70 452	71 556	72 669	73 758	74 796	75 778	76 704	77 562	78 342	79 037	79 641	80 159	80 602	80 992	81 343	81 659	81 944	3 44	3 44	3 44	3 44	3 44	3 44	3 44	3 44	3 44	3 44	3 44	3 44	3 44	3 44	3 44	3 44	3 44	3 44
India	1 443 567	1 474 771	1 505 338	1 538 106	1 569 868	1 601 462	1 632 821	1 663 943	1 694 808	1 725 418	1 755 777	1 785 851	1 815 627	1 845 155	1 874 508	1 903 739	1 932 852	1 961 825	1 68	1 68	1 68	1 68	1 68	1 68	1 68	1 68	1 68	1 68	1 68	1 68	1 68	1 68	1 68	1 68	1 68	1 68
Indonesia	626 867	621 961	616 801	611 432	605 907	600 266	594 523	588 686	582 785	576 852	570 906	564 955	558 989	552 983	546 901	540 720	534 439	528 063	3 43	3 35	3 27	3 19	3 11	3 04	2 97	2 90	2 83	2 76	2 70	2 63	2 57	2 51	2 45	2 39	2 34	2 28
Maldives	278	270	262	254	246	237	228	220	211	202	194	186	178	170	163	156	149	143	1 29	1 21	1 14	1 08	1 02	96	90	85	80	75	71	67	63	59	55	50	47	
Myanmar	68 616	69 685	70 722	71 733	72 731	73 722	74 712	75 695	76 655	77 569	78 422	79 207	79 933	80 620	81 266	81 983	82 687	83 403	1 71	1 71	1 71	1 71	1 71	1 71	1 71	1 71	1 71	1 71	1 71	1 71	1 71	1 71	1 71	1 71	1 71	1 71
Nepal	46 445	46 666	46 907	47 158	47 409	47 649	47 877	48 093	48 288	48 452	48 581	48 670	48 724	48 753	48 766	48 772	48 772	48 766	2 43	2 38	2 33	2 29	2 24	2 20	2 16	2 11	2 07	2 03	1 99	1 95	1 91	1 87	1 84	1 80	1 76	1 73
Sri Lanka	10 353	10 481	10 605	10 724	10 838	10 938	11 031	11 116	11 191	11 260	11 321	11 377	11 426	11 473	11 519	11 568	11 620	11 676	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
Thailand	77 232	78 166	79 096	79 999	80 912	81 829	82 756	83 689	84 607	85 483	86 300	87 048	87 735	88 378	89 002	89 625	90 252	90 878	1 42	1 42	1 42	1 42	1 42	1 42	1 42	1 42	1 42	1 42	1 42	1 42	1 42	1 42	1 42	1 42	1 42	1 42
Timor-Leste	2 353	2 462	2 553	2 641	2 706	2 738	2 726	2 681	2 628	2 604	2 636	2 732	2 885	3 072	3 263	3 437	3 586	3 718	3 22	3 22	3 22	3 22	3 22	3 22	3 22	3 22	3 22	3 22	3 22	3 22	3 22	3 22	3 22	3 22	3 22	3 22
<b>SEAR</b>	<b>2 646 286</b>	<b>2 679 787</b>	<b>2 713 371</b>	<b>2 746 866</b>	<b>2 780 040</b>	<b>2 812 714</b>	<b>2 844 806</b>	<b>2 876 331</b>	<b>2 907 313</b>	<b>2 937 815</b>	<b>2 967 878</b>	<b>2 997 483</b>	<b>3 026 892</b>	<b>3 055 214</b>	<b>3 083 367</b>	<b>3 111 072</b>	<b>3 138 330</b>	<b>3 165 139</b>	<b>2 02</b>	<b>2 01</b>	<b>1 99</b>	<b>1 98</b>	<b>1 96</b>	<b>1 95</b>	<b>1 94</b>	<b>1 92</b>	<b>1 91</b>	<b>1 89</b>	<b>1 88</b>	<b>1 87</b>	<b>1 85</b>	<b>1 84</b>	<b>1 83</b>	<b>1 82</b>	<b>1 81</b>	

Estimates for all years are re-calculated as new information becomes available and techniques are refined, so they may differ from those published previously. Data can be downloaded from [www.who.int/tb](http://www.who.int/tb)

Table A3.4 Estimated incidence, prevalence and mortality rates (per 100 000 population), South-East Asia, 2000–2007

	Incidence of HIV+ TB cases							Prevalence of TB (all forms)							Mortality (excluding HIV+)							Mortality HIV+															
	2000	2001	2002	2003	2004	2005	2006	2007	2000	2001	2002	2003	2004	2005	2006	2007	2000	2001	2002	2003	2004	2005	2006	2007	2000	2001	2002	2003	2004	2005	2006	2007					
Bangladesh	<1	<1	<1	<1	<1	<1	<1	<1	500	491	478	458	444	416	392	387	58	57	55	53	51	48	45	44	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
Bhutan	<1	<1	<1	<1	<1	<1	<1	<1	515	512	472	460	443	412	406	363	60	58	55	53	50	48	46	43	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
DPR Korea	<1	<1	<1	<1	<1	<1	<1	<1	713	650	577	527	499	508	500	441	105	98	90	86	82	84	83	65	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
India	11	11	10	10	10	9	9	9	443	411	389	349	311	289	290	283	38	35	34	31	28	27	26	26	5	4	4	3	3	3	3	3	3	3	3		
Indonesia	2	3	4	5	6	6	7	7	326	314	297	287	274	261	251	244	61	58	53	50	45	41	38	37	<1	1	1	2	2	2	2	2	2	2	2	2	
Maldives	<1	<1	<1	<1	<1	<1	<1	<1	96	84	83	69	71	63	69	48	7	7	6	5	5	5	5	4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
Myanmar	23	23	23	22	21	20	19	19	267	238	202	175	168	161	161	162	32	30	26	20	16	11	11	11	10	9	7	3	3	2	2	2	2	2	2	2	
Nepal	4	4	4	4	4	4	4	4	312	304	285	271	260	247	246	240	28	27	26	24	23	23	22	22	1	1	1	1	1	1	1	1	1	1	1	1	1
Sri Lanka	<1	<1	<1	<1	<1	<1	<1	<1	107	99	88	89	87	75	80	79	10	9	9	9	9	9	7	8	8	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Thailand	28	27	26	25	25	24	24	24	223	194	197	189	188	184	189	192	17	15	15	15	15	15	15	15	15	8	7	7	6	6	6	6	6	6	6	6	
Timor-Leste	<1	<1	<1	<1	<1	<1	<1	<1	644	644	345	359	367	370	385	378	70	70	37	45	46	46	48	47	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
<b>SEAR</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>8</b>	<b>417</b>	<b>390</b>	<b>370</b>	<b>337</b>	<b>309</b>	<b>296</b>	<b>286</b>	<b>280</b>	<b>42</b>	<b>40</b>	<b>38</b>	<b>35</b>	<b>32</b>	<b>30</b>	<b>29</b>	<b>28</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	

Rates are per 100 000 population (total country population, including HIV-positive and HIV-negative people). Estimates for all years are re-calculated as new information becomes available and techniques are refined, so they may differ from those published previously. Data (including for years 1990 to 1999) can be downloaded from [www.who.int/tb](http://www.who.int/tb)

Table A3.5 Case notifications and case detection rates, DOTS and non-DOTS combined, South-East Asia, 2007

	Notified TB cases, DOTS and non-DOTS combined												Estimated incidence and case detection rates				Proportions									
	Population		All notified		New and relapse		New pulmonary		New extra-pulmonary		Other		Re-treatment cases		New pulm. lab. confirm.		Estimated incidences		Case detection rate		ss+ (% of pulm.)		Extrapulm. (% of new+relapse)		Re-treat. (% of new+relapse)	
	thousands	number	number	rate	number	rate	number	rate	number	rate	number	rate	number	rate	number	rate	number	rate	number	%	all forms	ss+	all new	ss+	all new	ss+
Bangladesh	158 665	147 342	93	104 296	66	23 152	16 106	0	3 788	0	3 788	6	3	104 296	328	353 103	1 587 797	41	66	82	71	11	11	3	3	
Bhutan	658	1 008	999	152	328	50	253	373	45	328	45	3	3	328	328	1 620	726	59	45	56	33	37	5	5		
DPR Korea	23 790	68 177	58 802	247	23 575	99	25 789	7 579	1 859	2 414	1 418	5 543	0	23 575	23 575	81 944	36 857	69	64	48	40	40	13	16		
India	1 169 016	1 475 629	1 295 943	111	398 862	206 840	798	96 856	19 041	77 618	83 027	0	592 587	592 587	1 961 825	872 514	61	68	60	46	60	46	16	19		
Indonesia	231 627	275 660	275 193	119	160 617	69	102 613	8 048	3 915	104	321	42	0	160 617	160 617	528 063	236 029	51	68	61	58	3	3	2	2	
Maldives	306	129	127	42	59	19	37	30	1	0	2	0	59	59	143	64	88	92	61	46	46	24	2	2		
Myanmar	48 798	133 547	129 081	265	42 588	87	41 826	40 002	4 665	1 250	748	2 468	0	42 588	42 588	83 403	36 620	149	116	50	33	31	7	7		
Nepal	28 196	33 439	32 940	117	14 355	51	9 350	6 986	0	2 249	230	269	0	14 355	14 355	48 766	21 827	63	66	61	44	21	8	8		
Sri Lanka	19 299	9 155	8 718	45	4 528	23	1 985	1 984	0	221	76	141	0	4 528	4 528	11 676	5 253	73	86	70	52	23	5	5		
Thailand	63 884	54 793	54 793	86	28 487	45	17 156	7 485	1 665	0	0	0	220	28 487	28 487	90 878	39 347	58	72	62	52	14	3	3		
Timor-Leste	1 155	3 270	3 255	282	1 021	88	1 772	433	0	29	10	5	0	1 021	1 021	3 718	1 673	87	61	37	31	13	1	1		
<b>SEAR</b>	<b>1 745 394</b>	<b>2 202 149</b>	<b>2 007 193</b>	<b>115</b>	<b>972 441</b>	<b>56</b>	<b>622 795</b>	<b>295 866</b>	<b>798</b>	<b>115 293</b>	<b>23 131</b>	<b>80 523</b>	<b>91 082</b>	<b>220</b>	<b>930 587</b>	<b>3 165 139</b>	<b>1 409 708</b>	<b>60</b>	<b>69</b>	<b>61</b>	<b>48</b>	<b>48</b>	<b>15</b>	<b>14</b>	<b>14</b>	

ss+ indicates sputum smear-positive; ss-, sputum smear-negative; unk., sputum smear result unknown; re-treat., re-treatment; pulm. lab. confirm., pulmonary case confirmed by positive smear or culture. See Explanatory notes for further details. Data can be downloaded from www.who.int/tb

Table A3.6 DOTS coverage, case notifications and case detection rates, DOTS services, South-East Asia, 2007

	TB cases reported from DOTS services												Estimated incidence and case detection rate				Proportions								
	DOTS coverage		New and relapse		New pulmonary		New extra-pulmonary		Other		Re-treatment cases		New pulm. lab. confirm.		Estimated incidences		DOTS case detection rate		ss+ (% of pulm.)		Extrapulm. (% of new+relapse)		Re-treat. (% of new+relapse)		
	%	number	number	rate	number	rate	number	rate	number	rate	number	rate	number	rate	number	rate	number	%	all forms	ss+	all new	ss+	all new	ss+	all new
Bangladesh	100	147 342	93	104 296	66	23 152	16 106	0	3 788	0	3 788	6	3	104 296	328	353 103	1 587 797	41	66	82	71	11	11	3	3
Bhutan	100	999	152	328	50	253	373	45	328	45	328	45	3	328	328	1 620	726	59	45	56	33	37	5	5	
DPR Korea	100	58 802	247	23 575	99	25 789	7 579	1 859	2 414	1 418	5 543	0	23 575	23 575	81 944	36 857	69	64	48	40	40	13	16		
India	100	1 295 943	111	398 862	206 840	798	96 856	19 041	77 618	83 027	0	592 587	592 587	1 961 825	872 514	61	68	60	46	60	46	16	19		
Indonesia	100	275 193	119	160 617	69	102 613	8 048	3 915	104	321	42	0	160 617	160 617	528 063	236 029	51	68	61	58	3	3	2	2	
Maldives	100	127	42	59	19	37	30	1	0	2	0	59	59	143	64	88	92	61	46	46	24	2	2		
Myanmar	95	129 081	265	42 588	87	41 826	40 002	4 665	1 250	748	2 468	0	42 588	42 588	83 403	36 620	149	116	50	33	31	7	7		
Nepal	100	32 940	117	14 355	51	9 350	6 986	0	2 249	230	269	0	14 355	14 355	48 766	21 827	63	66	61	44	21	8	8		
Sri Lanka	98	8 636	45	4 477	23	1 966	1 975	0	218	76	138	0	4 477	4 477	11 676	5 253	72	85	69	52	23	5	5		
Thailand	100	54 793	86	28 487	45	17 156	7 485	1 665	0	0	0	218	28 487	28 487	90 878	39 347	58	72	62	52	14	3	3		
Timor-Leste	100	3 255	282	1 021	88	1 772	433	0	29	10	5	0	1 021	1 021	3 718	1 673	87	61	37	31	13	1	1		
<b>SEAR</b>	<b>100</b>	<b>2 007 111</b>	<b>115</b>	<b>972 390</b>	<b>56</b>	<b>622 776</b>	<b>295 857</b>	<b>798</b>	<b>115 290</b>	<b>23 131</b>	<b>80 520</b>	<b>91 082</b>	<b>218</b>	<b>930 538</b>	<b>3 165 139</b>	<b>1 409 708</b>	<b>60</b>	<b>69</b>	<b>61</b>	<b>48</b>	<b>48</b>	<b>15</b>	<b>14</b>	<b>14</b>	

ss+ indicates sputum smear-positive; ss-, sputum smear-negative; unk., sputum smear result unknown; re-treat., re-treatment; pulm. lab. confirm., pulmonary case confirmed by positive smear or culture. See Explanatory notes for further details. Data can be downloaded from www.who.int/tb





Table A3.11 New smear-positive case notification by age and sex, DOTS and non-DOTS, South-East Asia, 2007

	Male					Female					All					Male/female ratio						
	0-14	15-24	25-34	35-44	45-54	55-64	65+	0-14	15-24	25-34	35-44	45-54	55-64	65+	0-14		15-24	25-34	35-44	45-54	55-64	65+
Bangladesh	523	10 210	12 442	13 003	13 307	10 653	9 830	829	8 562	8 164	6 678	5 220	3 057	1 818	1 352	18 772	20 006	19 681	18 527	13 710	11 648	2.0
Bhutan	2	60	44	29	26	17	13	3	59	28	21	10	6	5	5	119	72	50	36	27	19	1.4
DPR Korea	353	1 947	2 748	3 717	2 831	2 093	674	406	1 233	1 692	2 672	1 723	1 056	440	759	3 180	4 430	6 389	4 554	3 149	1 114	1.6
India	4 305	73 947	83 850	88 045	76 408	53 414	31 922	7 575	50 289	49 519	32 407	20 316	13 195	7 395	11 880	124 236	133 369	120 452	96 724	66 609	39 317	2.3
Indonesia	849	14 835	21 297	18 606	18 283	14 176	6 762	920	13 371	16 055	13 211	11 391	7 965	2 896	1 769	28 206	37 352	31 817	29 674	22 141	9 668	1.4
Maldives	0	14	4	6	5	5	5	1	5	2	5	5	0	1	1	19	6	11	10	6	6	2.1
Myanmar	127	3 591	6 569	6 826	5 507	3 152	2 155	159	2 719	3 500	2 998	2 486	1 601	1 198	286	6 310	10 069	9 824	7 993	4 753	3 353	1.9
Nepal	150	2 025	1 591	1 636	1 720	1 715	919	175	1 149	1 027	793	619	578	258	325	3 174	2 618	2 429	2 339	2 293	1 177	2.1
Sri Lanka	10	288	477	664	802	649	412	16	279	228	193	182	176	111	26	567	705	847	984	825	523	2.8
Thailand	48	1 261	3 398	4 487	4 168	3 122	3 748	50	885	1 481	1 418	1 302	1 281	1 938	98	2 146	4 879	5 905	5 470	4 403	5 686	2.4
Timor-Leste	4	128	129	89	77	69	65	10	120	98	89	76	36	31	14	248	227	178	153	105	96	1.2
<b>SEAR</b>	<b>6 371</b>	<b>108 306</b>	<b>132 549</b>	<b>137 108</b>	<b>123 134</b>	<b>89 066</b>	<b>56 505</b>	<b>10 144</b>	<b>78 671</b>	<b>81 794</b>	<b>60 475</b>	<b>43 330</b>	<b>28 955</b>	<b>16 092</b>	<b>16 515</b>	<b>186 877</b>	<b>214 333</b>	<b>197 583</b>	<b>166 464</b>	<b>118 021</b>	<b>72 597</b>	<b>2.0</b>

For some countries, breakdown of notified cases by age and sex is missing, or is provided for a subset of cases. See Explanatory notes for further details. Data can be downloaded from [www.who.int/tb](http://www.who.int/tb)

Table A3.12 New smear-positive case notification rates by age and sex, DOTS and non-DOTS, South-East Asia, 2007

	Male					Female					All										
	0-14	15-24	25-34	35-44	45-54	55-64	65+	0-14	15-24	25-34	35-44	45-54	55-64	65+	0-14	15-24	25-34	35-44	45-54	55-64	65+
Bangladesh	2	62	96	129	189	264	352	3	55	67	70	80	76	59	2	58	82	101	136	170	199
Bhutan	2	75	69	71	91	95	82	3	82	57	63	41	65	38	2	78	64	67	68	81	60
DPR Korea	13	100	159	178	209	204	86	15	66	101	132	128	96	32	14	83	130	156	169	148	52
India	2	63	87	118	133	154	113	4	47	56	47	38	39	23	3	55	72	84	87	97	66
Indonesia	3	69	106	112	152	205	114	3	63	80	80	96	105	39	3	66	93	96	124	153	72
Maldives	0	37	15	34	42	94	81	2	14	8	31	43	0	18	1	25	12	33	42	47	51
Myanmar	2	76	152	199	219	224	175	3	59	81	84	92	103	79	2	67	116	140	153	160	122
Nepal	3	69	77	117	172	272	204	3	41	49	49	54	77	43	3	55	63	81	109	167	111
Sri Lanka	0	16	35	49	63	76	70	1	16	15	13	14	19	16	1	16	25	30	38	46	40
Thailand	1	25	69	94	94	113	170	1	18	29	26	27	43	65	1	22	49	58	59	77	109
Timor-Leste	2	109	171	172	185	306	418	4	108	141	162	192	145	188	3	108	156	167	194	222	300
<b>SEAR</b>	<b>2</b>	<b>63</b>	<b>92</b>	<b>120</b>	<b>141</b>	<b>170</b>	<b>133</b>	<b>4</b>	<b>49</b>	<b>60</b>	<b>55</b>	<b>62</b>	<b>55</b>	<b>33</b>	<b>3</b>	<b>56</b>	<b>77</b>	<b>88</b>	<b>98</b>	<b>112</b>	<b>79</b>

Rates are per 100 000 population of each age/sex group. Rates are calculated excluding those countries for which breakdown of notified cases or population by age and sex is missing. Data can be downloaded from [www.who.int/tb](http://www.who.int/tb)

Table A3.13 TB case notifications, South-East Asia, 1980–2007

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	
Bangladesh	39 774	42 644	49 870	52 961	45 679	41 802	45 599	45 355	44 280	45 191	48 673	56 052	31 400	54 001	48 276	56 437	63 420	63 420	72 256	79 339	75 557	76 302	81 963	88 156	98 336	123 118	145 186	147 342	
Bhutan	1 539	2 657	720	1 017	904	1 073	1 582	608	1 126	1 525	1 154	996	140	1 008	1 159	1 299	1 271	1 105	1 292	1 174	1 140	1 037	1 089	1 026	988	1 007	917	999	
DPR Korea								0																					
India	705 600	769 540	923 095	1 075 098	1 109 310	1 168 804	1 279 536	1 403 122	1 457 288	1 510 500	1 519 182	1 555 353	1 121 120	1 081 279	1 114 374	1 218 183	1 290 343	1 132 859	1 102 002	1 218 743	1 115 718	1 085 075	1 060 951	1 073 282	1 136 182	1 156 248	1 228 827	1 285 943	
Indonesia	25 235	32 461	33 000	31 809	32 432	17 681	16 750		97 505	105 516	74 470	60 808	98 458	62 966	49 647	35 529	24 647	22 184	40 487	69 064	84 591	92 792	155 188	174 174	210 229	254 601	277 569	275 193	
Maldives	73	112	111	143	123	91	111	115	85	203	152	123	92	92	175	249	212	173	176	153	132	139	125	137	119	122	99	127	
Myanmar	12 744	12 461	12 069	11 012	11 045	10 506	10 840	11 986	9 348	10 940	12 416	14 905	17 000	19 009	18 583	18 229	22 201	17 122	14 756	19 626	30 840	42 838	57 012	75 744	96 662	107 009	122 472	129 081	
Nepal	1 020	337	1 459	700	190	52	252	1 012	1 603	11 003	10 142	8 983	13 161	15 572	19 804	22 970	24 158	24 135	27 356	29 519	29 519	30 959	30 925	31 979	30 925	31 979	33 448	32 670	32 940
Sri Lanka	6 212	6 288	7 334	6 666	6 376	5 889	6 596	6 411	6 092	6 429	6 666	6 174	6 802	6 809	6 132	5 956	5 385	6 542	6 925	7 157	8 413	7 499	8 939	8 998	8 562	9 249	8 510	8 718	
Thailand	45 704	49 452	48 553	65 413	69 240	77 611	52 162	51 835	50 021	44 553	46 510	43 858	47 897	49 668	47 767	45 428	39 871	30 262	15 850	29 413	34 187	49 856	49 881	54 504	55 306	57 895	56 230	54 793	
Timor-Leste	0																												
SEAR	837 901	915 952	1 076 211	1 244 819	1 275 299	1 323 509	1 413 418	1 520 444	1 667 348	1 735 860	1 719 365	1 747 252	1 322 708	1 287 176	1 298 159	1 401 096	1 470 352	1 308 981	1 279 041	1 464 312	1 414 228	1 414 141	1 488 126	1 551 516	1 686 681	1 789 186	1 920 644	2 007 933	
Number reporting	10	9	9	9	9	9	9	8	10	9	9	9	8	9	9	9	9	10	10	10	10	10	11	11	11	11	11	11	
% reporting	91	82	82	82	82	82	82	73	91	82	82	82	73	82	82	82	82	91	91	91	91	91	100	100	100	100	100	100	

From 1995 on, number shown is all notified new and relapse cases (DOTS and non-DOTS). Figures for all years are updated as new information becomes available, so they may differ from those published previously. Data can be downloaded from [www.who.int/tb](http://www.who.int/tb)

Table A3.14 TB case notification rates, South-East Asia, 1980–2007

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Bangladesh	45	47	53	55	47	42	44	43	41	43	48	27	45	39	45	49	48	54	58	54	54	57	60	65	80	80	93	93
Bhutan	364	612	162	223	193	223	319	118	212	281	211	183	26	21	226	256	250	234	244	216	204	181	184	169	159	158	141	162
DPR Korea																												
India	102	109	128	146	147	152	162	174	177	179	177	177	125	118	119	128	133	114	109	119	107	102	98	98	102	102	107	111
Indonesia	17	21	21	20	20	11	10	10	55	59	41	33	52	33	26	18	12	11	20	33	40	43	71	79	94	113	121	119
Maldives	46	69	66	83	69	50	59	42	97	70	55	40	74	103	83	84	67	67	57	48	50	44	44	48	41	41	33	42
Myanmar	38	37	35	31	31	29	29	31	24	28	31	37	41	45	37	42	39	33	33	33	43	67	92	122	161	203	223	253
Nepal	7	2	9	4	1	0	1	6	9	59	53	46	74	91	103	106	103	115	121	118	119	119	120	123	118	117	118	117
Sri Lanka	42	41	48	43	40	37	41	39	37	38	39	36	39	38	34	33	29	36	37	38	45	40	47	47	45	48	44	45
Thailand	86	104	100	133	138	153	101	99	84	83	86	80	86	88	84	79	69	51	27	49	56	81	80	88	88	92	89	86
Timor-Leste																												
SEAR	79	85	97	110	110	112	117	124	133	135	131	131	97	93	92	97	100	88	84	95	90	89	92	94	101	105	112	115

Rates are per 100 000 population. From 1995 on, number shown is notification rate of new and relapse cases. Figures for all years are updated as new information becomes available and/or techniques are refined, so they may differ from those published previously. Data can be downloaded from [www.who.int/tb](http://www.who.int/tb)



# Notes

## Bangladesh

**TABLE A3.5:** the population estimate used by the NTP (142 million) is lower than that of the United Nations Population Division (159 million). Using the smaller population estimate gives a notification rate of new smear-positive cases of 74 per 100 000 population, and a smear-positive case detection rate of 73%.

## India

**TABLE A3.5:** the population estimate used by the NTP (1131 million) is lower than that of the United Nations Population Division (1169 million). Using the smaller population estimate gives a notification rate of new smear-positive cases of 52 per 100 000 population, and a smear-positive case detection rate of 70%.

**ANNEX 1 (COUNTRY PROFILE):** low treatment success rates in 2000–2002 are because a large number of non-DOTS cases were not evaluated.

## Myanmar

**ANNEX 1 (COUNTRY PROFILE); TABLE A3.10:** treatment outcomes of the 2005 cohort of new smear-positive cases published in the 2008 report did not include HIV-positive patients; in this report these patients are now included.