

WESTERN PACIFIC



Western Pacific

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

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China, Macao SAR	Chou Kuok Hei
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Guam	Cecilia Teresa T. Arciaga
Japan	Tamami Umeda; Seiya Kato
Kiribati	Bereka Reiher; Katua Tianuare
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Marshall Islands	Kenner Briand; Risa J. Bukbuk
Micronesia	Mayleen Jack Ekiek
Mongolia	Khandaasuren Dovdon; Nasanjargal Purev
Nauru	Isabella Amwano
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New Zealand	Alison Roberts; Ingrid Hamilton
Niue	Marina Pulu; Minemaligi Pulu
Northern Mariana Islands	Richard Brostrom; Marites Fabul
Palau	Henrietta Merei
Papua New Guinea	Paul K. Aia; Andrew Kamarepa
Philippines	Rosalind Vianzon; Anna Marie Celina Garfin; Arlene Rivera
Rep. of Korea	Hee Byoung Yoo; En Hi Cho
Samoa	
Singapore	Wang Yee Tang; Khin Mar Kyi Win
Solomon Islands	Noel Itogo
Tokelau	Tekie Iosefa
Tonga	Saia Penitani
Tuvalu	Nese Ituaso Conway
Vanuatu	Markleen Tagaro
Viet Nam	Dinh Ngoc Sy
Wallis & Futuna	Laurent Morisse

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, Western Pacific

Country	Reference year	Incidence est. based on	Trend	Source of estimates		Chf ss+ HIV-		Duration ss+HIV-		Duration ss+HIV- non-DOITS	
				TB/HIV	MDR (row)	MDR (col)	MDR (row)	MDR (col)	DOITS	non-DOITS	DOITS
American Samoa	2005	Notif.	Constant CDR	Model	Model	0.1	0.2	1	2	1	2
Australia	2002	Notif.	Country notifs, moving ave.	Indirect	Model	0.12	0.12	1	1	1	1
Buruet Darussalam	1998	Prev.	Constant CDR	Indirect	Model	0.1	0.2	1	1.5	1	1.5
Cambodia	2002	Prev.	Group, exp.	Survey	DRS	0.1	0.2	0.945	1.2	1	1.95
China	2003	ARI/Prev.	Country notifs, moving ave.	Indirect	DRS	0.1	0.2	2	3.18	2	3.18
China, Hong Kong SAR	1997	Notif.	Country notifs, moving ave.	Survey	DRS	0.1	0.1	1	1.5	1	1.5
China, Macao SAR	2000	Comparison	Country notifs, moving ave.	Routine	DRS	0.1	0.2	1	2	1	2
Cook Islands	2005	Notif.	Constant CDR	Model	Model	0.1	0.2	1	2	1	2
Fiji	2005	Notif.	Country notifs, exp.	Indirect	Model	0.1	0.2	1	2	1	2
French Polynesia	2005	Notif.	Constant CDR	Survey	Model	0.1	0.2	1	2	1	2
Guam	2005	Notif.	Constant CDR	Survey	DRS	0.1	0.2	1	2	1	2
Japan	1999	Notif.	Country notifs, moving ave.	Routine	DRS	0.15	0.15	1.3	1.3	1.3	1.3
Kiribati	2005	Notif.	Group, exp.	Model	Model	0.1	0.2	1	2	1	2
Lao PDR	1997	ARI	Group, exp.	Indirect	Model	0.1	0.2	1.5	2.5	1.5	2.5
Malaysia	1997	Notif.	Country notifs, exp.	Routine	DRS	0.1	0.2	1	1.5	1	1.5
Marshall Islands	2005	Notif.	Group, exp.	Routine	Model	0.1	0.2	1	2	1	2
Micronesia	2005	Notif.	Country notifs, exp.	Model	Model	0.1	0.2	1	2	1	2
Mongolia	1997	Prev.	Not estimated	Sentinel	DRS	0.1	0.2	1	2.5	1	2.5
Nauru	2005	Notif.	Constant CDR	Model	Model	0.1	0.2	1	2	1	2
New Caledonia	2005	Notif.	Constant CDR	Model	DRS	0.1	0.2	1	2	1	2
New Zealand	1999	Notif.	Country notifs, moving ave.	Indirect	DRS	0.12	0.12	1	1	1	1
Niue	2005	Notif.	Constant CDR	Model	Model	0.1	0.2	1	2	1	2
Northern Mariana Islands	2005	Notif.	Constant CDR	Model	Model	0.1	0.2	1	2	1	2
Palau	2000	Notif.	Constant CDR	Model	Model	0.1	0.2	1	2	1	2
Papua New Guinea	1997	Prev.	Not estimated	Indirect	Model	0.1	0.3	2	2	2	2
Philippines	2007	Prev.	Prevalence	Indirect	DRS	0.1	0.3	1.5	2	1.5	2
Rep. of Korea	1997	Prev.	Country notifs, moving ave.	Indirect	DRS	0.12	0.12	1	1.5	1	1.5
Samoa	2005	Notif.	Country notifs, exp.	Model	Model	0.1	0.2	1	2	1	2
Singapore	1997	Notif.	Country notifs, moving ave.	Indirect	DRS	0.12	0.12	1	1	1	1
Solomon Islands	2005	Notif.	Country notifs, exp.	Model	Model	0.1	0.2	1	2	1	2
Tokelau	2005	Notif.	Constant CDR	Model	Model	0.1	0.2	1	2	1	2
Tonga	2005	Notif.	Group, exp.	Routine	Model	0.1	0.2	1	2	1	2
Tuvalu	2005	Notif.	Country notifs, exp.	Model	Model	0.1	0.2	1	2	1	2
Vanuatu	2005	Notif.	Country notifs, exp.	Model	Model	0.1	0.2	1	2	1	2
Viet Nam	1997	ARI	Group, exp.	Indirect	DRS	0.1	0.2	1	2	1	2
Wallis & Futuna	2005	Notif.	Constant CDR	Model	Model	0.1	0.2	1	2	1	2

- Indicates no estimate; ARI, annual risk of infection; ave, average; C-ReAc, 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, Western Pacific, 1990 and 2007

	Incidence, 1990			Prevalence, 1990			TB mortality, 1990			Incidence, 2007			Smear-positive HIV+			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	rate	All forms* number	rate	All forms* number	rate	All forms* number	rate	All forms* number	rate	All forms* number	rate	All forms* number	rate	All forms* number	rate	new	re-treat	Number among all cases	Number among smear-positive		
American Samoa	10	21	5	10	20	42	2	5	3	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Australia	1 120	7	503	3	1 139	7	112	<1	1 285	6	41	<1	579	3	14	<1	1 303	6	20	<1	1 29	<1	4	<1	—	—	—	—		
Brunei Darussalam	148	58	67	26	234	91	27	10	230	59	<1	<1	151	39	<1	<1	252	65	<1	<1	27	7	<1	—	—	—	—	—	—	
Cambodia	56 742	585	25 258	260	90 001	928	11 567	119	71 504	495	5 560	38	31 621	219	1 946	13	95 974	664	2 780	19	12 925	89	1 843	13	<0.05	3.1	94	94		
China	1 338 563	116	602 242	52	3 758 426	327	285 172	25	1 305 770	98	24 705	2	585 126	44	8 647	<1	2 582 469	194	12 353	<1	200 614	15	6 774	<1	1.9	5.0	26	112 348	76 154	
China, Hong Kong SAR	5 355	94	2 410	42	5 475	96	461	8	4 461	62	—	—	2 007	28	—	—	4 561	63	—	—	384	5	—	—	0.9	8.0	82	81		
China, Macao SAR	258	69	116	31	258	69	19	5	301	63	—	—	2 035	28	—	—	301	63	—	—	22	5	—	—	2.3	16	12	6		
Cook Islands	<1	<1	<1	<1	<1	<1	<1	<1	2	15	<1	<1	<1	<1	7	—	4	31	—	—	<1	4	—	—	—	—	—	—	—	
Fiji	366	51	165	23	495	68	65	9	174	21	4	<1	78	9	—	—	255	30	2	<1	29	4	—	—	—	—	—	—	—	
French Polynesia	66	34	30	15	131	67	14	7	71	27	—	—	21	8	—	—	83	32	—	—	4	2	—	—	2.1	20	2	2	<1	
Guam	69	51	31	23	137	103	14	11	59	34	—	—	6	3	—	—	63	36	—	—	4	2	—	—	—	—	—	—	—	—
Japan	58 085	47	26 128	21	76 340	62	7 033	6	26 984	21	126	<1	12 135	9	44	<1	35 767	28	63	<1	3 331	3	14	<1	0.5	0.7	10	389	285	
Kiribati	369	513	166	231	737	1 026	83	116	347	365	—	—	156	164	—	—	402	423	—	—	46	49	—	—	3.1	20	13	8	8	
Lao PDR	7 278	179	3 275	80	17 449	428	1 538	38	8 851	151	295	5	3 954	67	103	2	16 906	289	147	3	1 410	24	99	2	3.3	3.5	20	386	217	
Malaysia	21 433	118	9 635	53	28 851	159	3 890	21	27 439	103	4 433	17	11 904	45	1 552	6	32 251	121	2 217	8	4 830	18	1 286	5	16	0.1	<0.05	27	12	
Marshall Islands	143	302	64	136	286	605	32	68	108	215	—	—	67	97	—	—	166	281	—	—	19	32	—	—	2.8	20	6	4	4	
Micronesia	182	188	82	85	254	263	32	33	108	97	—	—	49	44	—	—	111	100	—	—	10	9	—	—	3.0	3.0	21	6	4	
Mongolia	4 552	205	2 049	92	10 580	477	1 069	48	5 400	205	8	<1	2 429	92	3	<1	6 142	234	4	<1	762	29	1	<1	0.1	1.0	26	188	169	
Nauru	8	85	4	38	16	170	2	19	3	33	—	—	3	33	—	—	3	33	—	—	<1	3	—	—	—	—	—	—	—	—
New Caledonia	159	93	72	42	191	112	18	10	52	22	—	—	13	6	—	—	60	25	—	—	4	2	—	—	—	—	—	—	—	—
New Zealand	346	10	155	5	351	10	35	1	289	7	4	<1	134	3	—	—	303	7	2	<1	30	<1	<1	<1	1.2	0.4	<0.05	<1	<1	
Niue	1	59	<1	26	3	118	<1	13	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Northern Mariana Islands	31	71	14	32	62	142	6	13	49	58	—	—	16	19	—	—	60	72	—	—	6	7	—	—	—	—	—	—	—	—
Palau	10	64	4	29	14	96	2	12	12	60	—	—	6	27	—	—	14	71	—	—	2	8	—	—	—	—	—	—	—	—
Papua New Guinea	10 307	250	4 636	112	20 579	498	2 816	68	15 786	250	2 930	46	6 815	108	1 026	16	27 197	430	1 485	23	3 817	60	1 049	17	19	3.5	20	864	553	
Philippines	240 889	393	106 400	177	489 394	799	53 419	87	255 084	290	874	<1	114 701	130	306	<1	440 035	500	437	<1	36 305	41	271	<1	0.3	4.0	21	12 125	6 451	
Rep. of Korea	70 946	165	31 926	74	95 626	223	8 024	19	43 222	90	413	<1	19 409	40	144	<1	60 969	126	206	<1	4 887	10	45	<1	1.0	2.7	14	2 337	1 696	
Samoa	51	32	23	14	58	36	8	5	35	19	—	—	16	8	—	—	47	25	—	—	5	3	—	—	2.9	20	20	1	<1	
Singapore	1 493	50	672	22	1 560	52	169	6	1 176	27	40	<1	525	12	14	<1	1 190	27	20	<1	122	3	4	<1	3.4	0.2	1.0	4	3	
Solomon Islands	980	312	441	141	1 960	625	221	70	634	128	—	—	285	58	—	—	891	180	—	—	105	21	—	—	—	—	—	—	—	—
Tokelau	1	69	<1	31	2	139	<1	33	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Tonga	32	34	14	15	43	45	6	6	24	24	—	—	11	11	—	—	29	28	—	—	2	2	—	—	—	2.7	20	<1	<1	<1
Tuvalu	28	296	13	133	56	593	6	62	18	166	—	—	8	75	—	—	21	203	—	—	17	12	—	—	—	—	—	—	—	—
Vanuatu	207	139	93	62	415	278	47	31	174	77	—	—	78	35	—	—	231	102	—	—	27	12	—	—	—	—	—	—	—	—
Viet Nam	133 898	202	60 245	91	241 512	365	21 727	33	149 568	171	12 052	14	66 109	76	4 218	5	192 092	220	6 026	7	20 678	24	3 011	4	8.1	2.7	19	6 468	4 199	
Wallis & Futuna	9	63	4	28	17	126	2	15	2	15	—	—	1	7	—	—	4	25	—	—	<1	3	—	—	—	—	—	—	—	—
WPR	1 954 134	129	878 939	58	4 842 675	320	387 633	26	1 919 306	108	51 483	3	858 539	48	18 019	1	3 500 160	197	25 741	1	290 546	16	14 503	<1	2.7	4.3	24	135 411	89 926	

— 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, Western Pacific, 1990-2007

	Number of cases																		Rate (per 100 000 population)																				
	1 990	1 991	1 992	1 993	1 994	1 995	1 996	1 997	1 998	1 999	2 000	2 001	2 002	2 003	2 004	2 005	2 006	2 007	1 990	1 991	1 992	1 993	1 994	1 995	1 996	1 997	1 998	1 999	2 000	2 001	2 002	2 003	2 004	2 005	2 006	2 007			
American Samoa	10	3	1	4	4	6	0	7	3	4	3	3	2	3	6	7	4	3	21	7	2	7	9	9	11	<1	12	6	6	6	6	6	6	6	5	9	10	7	5
Australia	1 120	1 142	1 133	1 174	1 197	1 243	1 277	1 211	1 196	1 156	1 188	1 165	1 129	1 159	1 172	1 252	1 274	1 295	7	7	7	7	7	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	
Bunei Darussalam	148	153	157	162	166	170	175	179	184	302	341	240	256	229	196	181	224	230	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58
Cambodia	56 742	58 170	59 596	60 984	62 386	63 473	64 536	65 485	66 329	67 087	67 773	68 391	68 946	69 458	69 956	70 440	70 976	71 504	685	579	574	568	568	557	552	546	541	536	530	525	520	515	510	505	500	495	490	485	
China	1 338 563	1 341 945	1 343 909	1 344 987	1 344 987	1 344 987	1 344 987	1 344 987	1 344 987	1 344 987	1 344 987	1 344 987	1 344 987	1 344 987	1 344 987	1 344 987	1 344 987	1 344 987	1 344 987	1 344 987	1 344 987	1 344 987	1 344 987	1 344 987	1 344 987	1 344 987	1 344 987	1 344 987	1 344 987	1 344 987	1 344 987	1 344 987	1 344 987	1 344 987	1 344 987	1 344 987	1 344 987	1 344 987	
China, Hong Kong SAR	5 355	5 308	5 316	5 331	5 245	5 233	5 436	5 837	5 600	5 310	5 056	5 244	5 200	4 915	4 745	4 640	4 552	4 461	94	92	90	88	86	84	81	76	78	76	74	72	70	68	66	64	62	60	58		
China, Macao SAR	258	264	248	251	260	368	421	439	409	374	374	355	334	292	282	283	292	301	69	69	63	63	63	69	101	104	95	86	65	79	74	63	60	61	63	60	61	63	
Cook Islands	0	366	350	336	323	311	289	266	274	262	251	240	229	219	209	189	190	192	174	51	48	46	43	41	39	37	35	33	32	30	28	27	26	24	23	22	21		
Fiji	66	64	69	78	89	116	96	101	117	103	69	68	71	56	67	70	77	71	34	27	45	42	47	54	43	45	45	45	45	45	45	45	45	45	45	45	45	45	
French Polynesia	58 085	56 533	55 276	52 967	50 773	48 402	47 566	47 914	47 425	46 360	43 196	40 220	37 326	35 177	33 074	30 708	28 857	26 984	47	46	44	42	41	39	38	37	37	34	32	29	28	26	24	23	22	21	20		
Japan	369	368	366	363	361	359	357	356	354	354	353	352	352	351	351	350	348	347	513	503	493	483	474	464	455	446	437	428	420	412	403	396	388	380	372	365	358		
Kiribati	7 278	7 425	7 571	7 714	7 850	7 976	8 092	8 198	8 294	8 379	8 454	8 518	8 572	8 622	8 671	8 726	8 786	8 851	179	177	175	173	172	170	168	167	165	163	162	160	159	157	156	154	153	151	150		
Lao PDR	21 435	21 843	22 239	22 629	23 021	23 422	23 834	24 250	24 662	25 057	25 426	25 765	26 078	26 370	26 649	26 920	27 183	27 439	118	117	117	116	115	114	113	112	111	110	109	108	108	107	106	105	104	103	102		
Malaysia	143	144	144	143	141	140	137	135	133	131	129	128	127	127	127	127	127	127	302	296	291	285	279	274	268	263	258	253	248	243	238	233	229	224	220	215	210	205	
Marshall Islands	182	179	177	174	171	166	161	155	148	142	137	132	127	123	119	112	108	108	188	181	174	168	161	155	149	143	138	133	128	123	118	114	109	105	101	97	93	89	
Micronesia	4 552	4 649	4 731	4 800	4 858	4 908	4 950	4 983	5 011	5 040	5 073	5 111	5 155	5 203	5 252	5 301	5 351	5 400	205	205	205	205	205	205	205	205	205	205	205	205	205	205	205	205	205	205	205	205	
Mongolia	8	13	13	13	4	13	13	13	12	2	4	3	6	3	11	12	13	3	85	143	140	137	134	132	129	127	124	122	119	116	113	110	107	104	101	97	93	89	
Nauru	159	156	156	116	108	97	116	98	100	87	104	68	72	42	68	52	53	52	93	89	87	83	77	50	58	48	41	49	31	32	19	29	22	22	22	22	22	22	
New Caledonia	346	351	325	331	356	384	374	364	397	405	410	368	383	381	382	388	334	299	10	10	9	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
New Zealand	1	1	1	1	1	1	2	0	0	1	0	0	0	0	0	0	0	0	59	58	56	55	54	53	51	50	49	48	47	46	45	44	43	42	41	40	39	38	
Niue	31	47	74	51	51	53	57	103	108	73	83	64	59	50	59	63	57	49	71	101	150	97	93	92	94	166	167	110	121	90	80	66	75	79	69	58	58	60	
Northern Mariana Islands	10	7	4	28	46	21	6	17	10	36	10	10	12	10	6	11	13	12	64	44	28	172	275	124	32	92	54	188	52	51	62	50	28	55	66	60	60		
Papua New Guinea	10 307	10 577	10 854	11 141	11 439	11 748	12 068	12 399	12 738	13 081	13 426	13 773	14 120	14 466	14 808	15 144	15 473	15 796	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	
Philippines	240 869	242 185	243 429	244 606	245 697	246 693	247 584	248 379	249 118	249 848	250 599	251 377	252 160	252 917	253 609	254 203	254 694	255 084	393	386	380	373	366	360	353	347	341	335	329	323	317	312	306	301	295	290	285		
Rep. of Korea	70 946	62 852	56 587	49 299	47 082	44 219	42 424	39 654	36 967	32 769	33 691	34 743	39 234	38 162	39 381	40 687	42 044	43 222	165	145	129	112	106	98	93	87	80	71	72	74	83	80	83	85	87	90	90	90	
Samoa	51	50	49	48	47	46	45	44	43	42	41	40	40	40	39	38	37	36	32	31	30	29	28	27	26	25	24	23	22	21	21	21	21	21	21	21	21	21	
Singapore	1 493	1 541	1 614	1 566	1 598	1 632	1 723	1 791	1 752	1 680	1 505	1 419	1 373	1 337	1 290	1 210	1 193	1 176	50	50	51	48	47	47	48	48	46	43	37	35	33	32	30	28	27	27	27		
Solomon Islands	980	956	934	912	890	869	848	828	807	787	767	748	728	709	690	671	652	634	312	296	281	267	253	240	228	216	205	195	185	175	166	158	150	142	135	128	128	128	
Tokelau	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	69	70	72	66	<1	150	<1	65	56	<1	150	<1	66	<1	66	<1	66	<1	66	<1	
Tonga	32	31	31	31	30	30	29	28	28	28	27	27	26	26	25	25	24	24	34	33	32	32	31	31	30	29	28	28	27	27	26	26	25	25	24	24	24	24	
Tuvalu	28	27	27	26	25	23	24	23	23	22	21	21	20	19	18	18	18	18	266	267	277	268	259	250	242	234	226	218	211	204	197	191	184	178	172	166	166	166	
Vanuatu	207	206	205	204	203	201	198	195	192	189	186	184	183	181	180	176	176	174	139	134	130	128	121	117	113	109	105	102	98	95	92	89	86	83	80	77	77		
Viet Nam	133 888	135 536	137 147	138 678	140 063	141 262	142 255	143 066	143 754	144 389	145 058	145 748	146 453	147 156	147 831	148 464	149 044	149 568	202	200	198	196	194	191	189	187	185	183	182	180	178	176	175	173	171	170	170		
Wallis & Futuna	9	24	4	12	12	7	9	16	8	8	8	1	21	17	7	8	7	8	63	176	32	87	86	47	62	107	54	53	52	7	141	111	48	52	46	45	45	45	
WPR	1 954 134	1 953 163	1 952 822	1 949 018	1 949 523	1 948 576	1 948 824	1 950 655	1 949 201	1 944 776	1 942 425	1 939 819	1 940 021	1 934 413	1 930 914	1 927 186	1 923 413	1 919 306	129	127	126	124	123	121	120	119	118	116	115	114	113	112	111	110	109	108	108	108	

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

Table A3.4 Estimated incidence, prevalence and mortality rates (per 100 000 population), Western Pacific, 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				
American Samoa	—	—	—	—	—	—	—	—	8	6	5	6	6	6	11	9	5	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1					
Australia	<1	<1	<1	<1	<1	<1	<1	<1	6	6	6	6	6	6	6	6	6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1					
Bunei Darussalam	<1	<1	<1	<1	<1	<1	<1	<1	108	85	78	73	63	65	59	65	65	9	7	6	7	6	7	6	5	7	6	5	7	6	5	7				
Cambodia	75	71	66	60	54	47	43	38	758	750	728	712	696	676	672	664	664	83	83	80	78	76	76	77	77	77	29	27	24	21	19	16	14	13		
China	1	1	2	2	2	2	2	2	269	265	269	241	220	206	200	194	194	19	19	19	19	18	16	15	15	15	5	5	5	5	5	5	5	5		
China, Hong Kong SAR	—	—	—	—	—	—	—	—	78	79	78	73	69	67	65	63	63	7	7	7	6	6	6	5	5	5	5	5	5	5	5	5	5	5		
China, Macao SAR	—	—	—	—	—	—	—	—	87	82	78	67	61	60	61	63	63	8	7	7	6	6	6	4	4	4	4	4	4	4	4	4	4	4		
Cook Islands	—	—	—	—	—	—	—	—	12	28	11	<1	<1	15	9	16	31	<1	10	2	<1	5	1	2	4	4	3	3	3	3	3	3	3	3		
Fiji	<1	<1	<1	<1	<1	<1	<1	<1	42	35	36	29	33	31	30	30	30	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4		
French Polynesia	—	—	—	—	—	—	—	—	40	42	32	29	28	31	31	32	32	5	5	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2		
Guam	—	—	—	—	—	—	—	—	44	45	44	47	41	42	39	36	36	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3		
Japan	<1	<1	<1	<1	<1	<1	<1	<1	45	41	39	36	34	32	30	28	28	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3		
Kiribati	—	—	—	—	—	—	—	—	546	607	587	477	439	419	405	423	423	62	71	68	55	45	49	46	46	49	41	41	41	41	41	41	41	41		
Lao PDR	<1	1	2	3	3	4	5	5	344	337	330	324	313	298	281	289	289	27	27	26	26	26	25	23	23	22	21	21	21	21	21	21	21	21	21	
Malaysia	10	11	13	14	15	15	16	17	135	133	132	128	128	126	123	121	121	15	15	15	15	14	14	14	14	14	13	3	3	4	4	4	4	5		
Marshall Islands	—	—	—	—	—	—	—	—	431	381	382	358	263	256	242	281	281	47	44	43	41	30	29	28	32	32	32	32	32	32	32	32	32	32		
Micronesia	—	—	—	—	—	—	—	—	173	171	152	142	128	124	112	100	100	20	19	17	16	15	14	13	9	9	9	9	9	9	9	9	9	9		
Mongolia	<1	<1	<1	<1	<1	<1	<1	<1	297	273	258	258	233	232	217	234	234	37	36	34	35	29	28	21	29	21	29	21	29	21	29	21	29	21		
Nauru	—	—	—	—	—	—	—	—	44	56	57	48	162	121	174	33	33	4	8	5	5	19	6	24	3	3	3	3	3	3	3	3	3	3		
New Caledonia	—	—	—	—	—	—	—	—	51	43	34	28	29	29	25	25	25	4	4	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2		
New Zealand	<1	<1	<1	<1	<1	<1	<1	<1	11	10	10	10	10	9	8	7	7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Niue	—	—	—	—	—	—	—	—	<1	<1	506	<1	<1	<1	<1	<1	<1	<1	<1	82	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
Northern Mariana Islands	—	—	—	—	—	—	—	—	104	102	69	64	31	102	74	71	71	8	7	6	6	8	5	12	6	8	8	8	8	8	8	8	8	8		
Palau	—	—	—	—	—	—	—	—	135	120	95	83	80	83	83	72	72	10	13	8	9	7	6	8	7	7	7	7	7	7	7	7	7	7		
Papua New Guinea	9	11	15	19	24	31	39	46	486	482	477	471	463	453	441	430	430	56	54	49	46	42	41	40	44	4	4	4	4	4	4	4	4	4		
Philippines	<1	<1	<1	<1	<1	<1	<1	<1	600	578	561	542	534	520	505	500	500	57	53	50	46	45	43	41	41	41	41	41	41	41	41	41	41	41	41	
Rep. of Korea	<1	<1	<1	<1	<1	<1	<1	<1	113	112	126	108	112	118	122	126	126	9	8	9	9	9	9	10	10	10	10	10	10	10	10	10	10	10	10	
Samoa	—	—	—	—	—	—	—	—	27	33	28	28	24	27	26	25	25	3	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
Singapore	<1	<1	<1	<1	<1	<1	<1	<1	39	38	34	32	31	28	27	27	27	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
Solomon Islands	—	—	—	—	—	—	—	—	300	268	277	254	229	204	197	180	180	33	32	30	28	26	24	23	21	21	21	21	21	21	21	21	21	21	21	
Tokelau	—	—	—	—	—	—	—	—	<1	112	112	112	112	112	112	112	112	<1	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	
Tonga	—	—	—	—	—	—	—	—	34	42	35	36	36	39	32	34	28	28	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Tuvalu	—	—	—	—	—	—	—	—	422	408	394	381	368	245	261	203	203	40	39	37	36	35	29	30	17	17	17	17	17	17	17	17	17	17	17	
Vanuatu	—	—	—	—	—	—	—	—	143	128	149	128	118	131	104	102	102	16	14	16	15	14	15	12	12	12	12	12	12	12	12	12	12	12	12	12
Viet Nam	7	9	10	12	13	13	14	14	248	243	235	234	226	227	222	220	220	23	22	21	21	21	21	20	20	2	2	2	2	2	2	2	2	2	2	2
Wallis & Futuna	—	—	—	—	—	—	—	—	103	13	275	147	63	57	60	25	25	11	2	28	12	5	4	7	3	3	3	3	3	3	3	3	3	3	3	3
WPR	2	2	2	2	2	2	2	2	260	255	250	235	218	207	201	197	197	20	20	19	18	17	16	16	16	16	16	16	16	16	16	16	16	16	16	16

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 1980 to 1999) can be downloaded from www.who.int/tb

Table A3.6 DOTS coverage, case notifications and case detection rates, Western Pacific, 2007

	TB cases reported from DOTS services										Estimated incidence and case detection rate										Proportions							
	DOTS coverage %		New pulmonary ss+ (unk.)		New extra-pulmonary		Other new		Relapse		After failure		After default		Other re-treat.		New pulm. lab. confirm.		Estimated incidence all forms		DOTS case detection rate all new		ss+ (% of pulm.)		ss+ (% of new-relapse)		Re-treat (% of new-relapse)	
	number	rate	number	rate	number	rate	number	rate	number	rate	number	rate	number	rate	number	rate	number	rate	number	rate	number	rate	number	rate	number	rate	number	rate
American Samoa	100	3	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	90	90	43	25	38	4			
Australia	100	1 115	5	281	1	372	428	0	34	0	2	11	5	634	1 295	579	83	49	230	151	85	90	94	66	25	6		
Brunei Darussalam	100	207	53	136	35	8	51	0	12	0	0	0	2	136	71 504	31 621	49	61	1 305 770	585 126	71	80	52	48	4	11		
Cambodia	100	35 601	246	19 421	134	7 120	8 412	0	648	75	20	799	0	4 665 877	1 305 770	585 126	71	80	4 461	2 007	87	60	36	29	13	10		
China	100	979 502	74	465 877	35	430 634	36 612	0	46 979	2 534	2 814	61 089	0	2 474	301	135	104	102	4 461	2 007	87	60	48	40	8	13		
China, Hong Kong SAR	100	4 157	58	1 204	17	2 115	546	0	292	0	17	138	0	2 474	2	1	0	0	301	135	104	102	48	40	8	13		
China, Macao SAR	100	342	71	138	29	147	29	0	28	0	4	14	0	250	2	1	0	0	174	71	28	54	67	36	1	0		
Cook Islands	100	94	11	52	6	7	34	0	1	0	0	0	0	62	174	71	28	54	67	36	1	88	55	36	1	0		
Fiji	100	64	24	19	7	32	11	0	2	0	0	0	0	62	71	28	54	67	36	1	0	37	30	17	3	0		
French Polynesia	100	53	31	5	3	43	4	0	1	0	0	0	0	38	59	6	88	90	26 994	12 135	87	77	51	38	21	4		
Guam	99	24 674	19	9 400	7	9 021	5 102	0	1 151	0	0	527	0	14 587	26 994	12 135	87	77	51	38	21	4	0	0	0	0	0	
Japan	100	334	351	103	108	78	147	0	6	0	18	0	103	347	156	95	66	66	8 851	3 954	43	78	57	31	44	7		
Kiribati	100	3 905	67	3 080	53	437	266	0	122	17	12	0	76	3 080	8 851	3 954	43	78	27 439	11 904	57	80	70	59	13	7		
Laos PDR	100	16 129	61	9 578	36	4 086	2 107	0	369	33	214	542	0	14 692	138	57	119	33	108	49	127	97	43	34	20	4		
Malaysia	95	158	267	19	32	87	36	0	6	1	2	0	33	108	49	127	97	43	5 400	2 429	61	76	100	100	27	6		
Marshall Islands	89	137	123	47	42	62	28	0	4	0	3	31	0	1 858	3	3	90	90	289	134	90	60	44	26	34	9		
Micronesia	100	4 694	177	1 856	71	673	1 852	0	293	90	35	191	0	1 858	52	13	82	90	289	134	90	60	44	26	34	9		
Nauru	100	3	30	3	30	0	0	0	0	0	0	0	0	0	3	3	90	90	289	134	90	60	44	26	34	9		
New Caledonia	100	47	19	12	5	15	16	0	4	0	0	0	0	32	52	13	82	90	289	134	90	60	44	26	34	9		
New Zealand	100	274	7	81	2	108	75	6	4	0	0	13	0	158	289	134	90	60	289	134	90	60	44	26	34	9		
Niue	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	289	134	90	60	44	26	34	9		
Northern Mariana Islands	100	44	52	14	17	28	2	0	0	0	0	0	0	14	49	16	90	90	289	134	90	60	44	26	34	9		
Palau	100	11	54	5	25	3	3	0	0	0	0	0	5	5	12	6	90	90	289	134	90	60	44	26	34	9		
Papua New Guinea	14	5 049	80	1 051	17	1 794	2 108	0	96	0	0	0	0	1 147	15 796	6 815	31	15	255 084	114 701	54	75	64	62	1	4		
Philippines	100	140 588	160	86 566	98	49 422	1 513	0	3 087	479	535	974	0	86 464	255 084	114 701	54	75	43 222	19 409	17	14	37	32	1	21		
Rep. of Korea	100	8 707	18	2 764	6	4 681	113	0	1 149	2	151	660	858	4 063	35	16	0	0	43 222	19 409	17	14	37	32	1	21		
Samoa	100	1 359	31	504	11	564	181	0	110	1	6	32	7	861	1 176	525	106	96	634	285	61	50	49	36	25	2		
Singapore	100	397	80	142	29	147	99	0	9	0	0	0	0	142	634	285	61	50	634	285	61	50	49	36	25	2		
Solomon Islands	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Tokelau	100	23	23	14	14	5	4	0	0	0	0	0	0	14	24	11	95	129	24	11	95	129	74	61	17	6		
Tonga	100	18	171	12	114	1	2	2	1	0	0	0	0	14	18	8	97	152	18	8	97	152	92	67	11	6		
Tuvalu	83	122	54	41	18	38	43	0	0	0	0	0	0	79	174	78	70	52	149 588	66 109	61	82	52	34	35	8		
Vanuatu	100	97 400	111	54 457	62	17 554	18 675	0	6 714	599	345	0	0	0	149 588	66 109	61	82	149 588	66 109	61	82	76	56	19	8		
Viet Nam	100	2	13	1	7	1	1	0	0	0	0	0	0	1	2	1	90	90	2	1	90	90	50	50	50	50	50	
Wallis & Futuna	100	1 325	173	75	656	883	37	529	296	8	60	507	3 832	4 161	65 012	951	616 335	1 919 306	858 539	66	77	55	50	6	10	10		

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

Table A3.7 Laboratory services, collaborative TB/HIV activities and management of MDR-TB, Western Pacific, 2006–2007

	Laboratory services, 2007				Collaborative TB/HIV activities										Management of MDR-TB, 2007									
	Number of labs working with NTP smear culture		Smear labs included in EQA	DST	2006					2007					Lab-confirmed MDR	DST in new cases		Re-treatment in new cases		Re-treatment MDR				
	Number of labs working with NTP smear culture	Number of labs working with NTP smear culture			TB pts tested for HIV	TB pts HIV-positive	HIV+ TB pts CPT	HIV+ TB pts ART	TB pts tested for HIV	TB pts HIV-positive	HIV+ TB pts CPT	HIV+ TB pts ART	Lab-confirmed MDR	DST in new cases		MDR in new cases	Re-treatment DST	Re-treatment MDR						
American Samoa	127	33	6	127	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Australia	1	1	1	1	423	15	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brunei Darussalam	201	3	1	186	4 721	1 628	954	385	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cambodia	3 294	327	187	3 294	1 440	1 008	26	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
China	26	20	3	21	4 511	33	21	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
China, Hong Kong, SAR	1	1	1	1	389	4	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
China, Macao, SAR	4	1	0	4	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cook Islands	3	2	2	2	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
French Polynesia	3	2	2	2	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Guam	3	2	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Japan	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kiribati	155	0	0	154	404	91	91	85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lao PDR	656	18	3	656	13 039	1 438	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Malaysia	3	1	1	3	103	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Marshall Islands	4	0	0	4	18	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Micronesia	37	1	1	37	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mongolia	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nauru	3	3	1	1	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Caledonia	10	10	3	1	131	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Zealand	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Niue	1	1	1	1	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Northern Mariana Islands	1	1	1	1	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Palau	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Papua New Guinea	70	1	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Philippines	2 374	3	3	2 374	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rep. of Korea	260	12	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Samoa	4	2	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Singapore	9	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Solomon Islands	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tokelau	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tonga	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tuvalu	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tuvalu	6	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vanuatu	737	17	2	1	14 230	708	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Viet Nam	1	1	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wallis & Futuna	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WPR	7 997	463	224	6 262	39 650	4 043	1 098	551	95 300	6 679	1 946	1 214	948	10 231	89	1 596	468							

ART indicates antiretroviral therapy, CPT, co-trimoxazole preventive therapy, DST, drug susceptibility testing; EQA, external quality assurance; HIV+, HIV-positive; pts, patients. See Explanatory notes for further details. Data can be downloaded from www.who.int/tb

Table A3.8 Treatment outcomes, Western Pacific, 2006 cohort

	New smear-positive cases, DOTS										New smear-positive cases, non-DOTS										Smear-positive re-treatment cases, DOTS									
	Number of cases		% of notif		Compl-		Died		% of cohort		Trans-		Not		Number of cases		% of notif		Compl-		Died		% of cohort		Trans-		Not			
	Notified	Regist'd	Regist'd	regist'd	Regist'd	Cured	Regist'd	regist'd	Regist'd	regist'd	Regist'd	Cured	Regist'd	regist'd	Regist'd	regist'd	Regist'd	regist'd	Regist'd	Cured	Regist'd	regist'd	Regist'd	Cured	Regist'd	regist'd	Regist'd	Cured	Regist'd	regist'd
American Samoa	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Australia	238	370	155	13	72	6	0	1	8	0	85	0	0	0	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brunei Darussalam	128	153	120	84	0	5	0	0	11	0	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cambodia	19 284	19 349	100	90	3	3	0	2	2	0	93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
China	468 291	470 436	100	92	2	1	1	1	3	0	94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
China, Hong Kong SAR	1 238	1 238	100	72	6	5	11	3	2	1	78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
China, Macao SAR	144	144	100	88	0	4	0	3	2	3	88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cook Islands	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fiji	73	100	66	66	4	30	0	0	0	0	66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
French Polynesia	24	26	108	85	0	12	0	4	0	0	85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Guam	21	21	100	90	0	5	0	0	5	0	90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Japan	10 068	8 662	85	20	33	21	2	6	3	15	53	0	0	0	91	47	52	9	19	32	0	13	2	26	2	26	28	0	0	0
Kiribati	129	126	98	61	29	10	0	1	0	0	90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leo PDR	3 041	3 047	100	88	3	5	0	2	1	0	92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Malaysia	9 414	9 414	100	46	3	6	0	3	3	40	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Marshall Islands	45	44	98	73	2	11	0	1	7	7	75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Micronesia	41	78	190	60	29	6	1	1	1	0	90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mongolia	2 129	2 129	100	84	4	2	7	2	1	0	88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nauru	2	2	100	50	50	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Caledonia	9	9	100	89	11	0	0	0	0	0	89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Zealand	97	101	104	70	7	4	11	8	70	0	70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Niue	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Northern Mariana Islands	15	26	173	42	42	0	0	0	15	0	85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Palau	6	5	83	40	20	20	0	0	20	0	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Papua New Guinea	1 481	1 494	101	59	15	3	2	21	0	0	73	0	0	0	467	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Philippines	85 740	85 797	100	80	8	2	1	4	2	2	88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rep. of Korea	3 431	3 422	100	78	2	1	1	3	15	0	81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Samoa	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Singapore	537	537	100	70	14	14	0	1	0	1	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Solomon Islands	124	124	100	73	16	3	1	5	2	0	90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tokelau	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tonga	14	14	100	100	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tuvalu	4	4	100	75	0	0	0	25	0	0	75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vanuatu	42	42	100	88	2	2	2	0	5	0	90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Viet Nam	56 437	56 470	100	90	2	3	1	2	2	1	92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wallis & Futuna	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WPR	662 273	663 261	100	89	3	2	1	1	3	1	92	8	8 970	3 466	4	4	3	6	1	2	2	82	8	96 159	80	6	3	2	5	1

Not eval. indicates not evaluated (percentage of registered cases for which outcomes were not recorded), success, sum of cured and completed, cases registered, the denominator for calculating treatment outcomes. The number of cases registered for treatment in 2006 is used as the denominator for calculating treatment outcomes unless it is less than the sum of outcomes, in which case the sum of outcomes is used. If the number of cases registered is not reported, then the number of cases notified in 2006 is used, or the sum of outcomes if the latter is greater. Data can be downloaded from www.who.int/tb

Table A3.9 DOTS re-treatment outcomes, Western Pacific, 2006 cohort

	Release DOTS % of cohort						After failure DOTS % of cohort						After default DOTS % of cohort														
	Number regist'd	Compl- eted	Died	Failed	Trans- ferred	Not eval.	% Success	Number regist'd	Compl- eted	Died	Failed	Trans- ferred	Not eval.	% Success	Number regist'd	Compl- eted	Died	Failed	Trans- ferred	Not eval.	% Success						
American Samoa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Australia	54	9	76	6	0	2	7	0	85																		
Brunel Darussalam	3	100	0	0	0	0	100	0	100																		
Cambodia	660	80	5	7	2	3	3	0	85																		
China	47 526	85	5	2	2	1	5	0	89																		
China, Hong Kong SAR	312	68	7	6	10	6	1	2	75																		
China, Macao SAR	25	44	44	4	0	0	0	8	88																		
Cook Islands																											
Fiji																											
French Polynesia	4	50	0	50	0	0	0	0	50																		
Guam	0	0	0	0	0	0	0	0	0																		
Japan	688	18	37	15	3	8	1	18	54																		
Kiribati	4	75	0	25	0	0	0	0	75																		
Lao PDR	133	78	5	8	4	2	2	0	83																		
Malaysia	381	35	3	5	0	5	5	46	38																		
Marshall Islands	16	31	6	6	0	0	0	56	38																		
Micronesia	2	50	0	0	0	0	0	0	50																		
Mongolia	274	52	16	12	12	4	3	1	68																		
Nauru	5	60	0	40	0	0	0	60																			
New Caledonia	9	0	89	11	0	0	0	89																			
New Zealand	0	0	0	0	0	0	0	0	0																		
Niue	0	0	0	0	0	0	0	0	0																		
Northern Mariana Islands	0	0	0	0	0	0	0	0	0																		
Palau	0	0	0	0	0	0	0	0	0																		
Papua New Guinea	2 225	67	15	5	4	4	3	3	82																		
Philippines	1 174	64	2	2	1	5	27	0	66																		
Rep. of Korea	0	0	0	0	0	0	0	0	0																		
Samoa	109	57	16	24	0	2	0	2	72																		
Singapore	5	60	40	0	0	0	0	0	100																		
Solomon Islands	0	0	0	0	0	0	0	0	0																		
Tokelau	0	0	0	0	0	0	0	0	0																		
Tonga	0	0	0	0	0	0	0	0	0																		
Tuvalu	0	0	0	0	0	0	0	0	0																		
Vanuatu	0	0	0	0	0	0	0	0	0																		
Viet Nam	6 571	81	4	6	4	3	3	0	85																		
Wallis & Futuna	0	0	0	0	0	0	0	0	0																		
WPR	60 180	82	6	3	3	2	5	1	87	1 341	58	11	6	13	6	4	2	69	1 010	50	16	7	2	11	5	8	66

Not eval. indicates not evaluated (percentage of registered cases for which outcomes were not recorded), success, sum of cured and completed; cases regist'd, the denominator for calculating treatment outcomes. The number of cases registered for treatment in 2006 is used as the denominator for calculating treatment outcomes unless it is less than the sum of outcomes, in which case the sum of outcomes is used. If the number of cases registered is not reported, then the number of cases notified in 2006 is used, or the sum of outcomes if the latter is greater. Data can be downloaded from www.who.int/tb

Table A3.13 TB case notifications, Western Pacific, 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
American Samoa	2	6	6	8	12	5	8	9	13	5	9	3	1	4	4	4	0	6	3	4	3	3	2	3	5	6	4	3
Australia	1 457	1 386	1 270	1 219	1 299	1 088	906	907	954	952	1 016	950	1 011	991	1 057	1 073	1 145	1 145	899	1 073	1 043	980	1 013	949	1 059	1 046	1 159	1 115
Brunei Darussalam	196	285	245	276	256	238	212	189	126	128	143	180	180	160	160	160	160	160	272	272	307	216	230	206	176	163	202	207
Cambodia	2 576	1 980	8 158	7 572	10 241	10 145	10 325	9 106	10 691	7 906	6 501	10 903	16 148	13 270	15 172	14 603	14 857	15 629	16 946	19 266	18 891	19 170	24 610	28 216	30 838	35 535	34 660	35 601
China	0	98 654	117 557	151 564	226 899	265 095	251 600	304 639	310 607	375 481	345 000	320 426	344 218	363 804	515 764	504 758	466 394	445 704	449 518	454 372	470 221	462 609	615 868	790 603	894 428	940 889	979 502	
China, Hong Kong SAR	8 065	7 729	7 257	7 301	7 843	7 545	7 432	7 259	7 320	6 704	6 510	6 283	6 534	6 587	6 319	6 212	6 501	7 072	7 673	5 605	6 015	6 788	6 277	5 914	5 660	5 536	5 363	
China, Macao SAR	1 101	585	233	455	671	571	420	359	320	274	343	329	294	285	285	402	570	575	465	449	465	388	371	309	355	374	342	
Cook Islands	8	2	12	15	3	8	3	2	0	2	0	1	6	5	4	2	2	2	2	3	1	1	0	1	1	1	1	1
Fiji	210	180	163	185	165	230	199	173	162	218	226	247	240	183	225	203	200	171	166	192	144	183	148	185	134	132	114	94
French Polynesia	76	66	65	78	80	78	85	80	63	73	59	49	83	78	89	86	86	91	105	93	62	62	64	50	60	63	69	64
Guam	55	41	49	48	54	37	49	34	41	75	59	68	60	70	94	94	94	94	94	94	94	94	94	94	94	94	94	94
Japan	70 916	65 867	63 940	62 021	61 521	58 567	56 690	56 496	54 357	53 112	51 821	50 612	48 956	48 461	44 425	43 078	42 122	42 190	44 016	40 800	39 384	35 489	32 828	31 638	29 736	27 194	25 304	24 779
Kiribati	146	187	193	127	111	103	139	110	208	121	68	91	100	99	263	263	327	464	276	265	252	183	166	284	310	332	378	334
Leo PDR	7 630	4 706	4 706	6 538	4 268	1 514	3 488	7 279	2 952	1 826	1 951	994	2 093	1 135	830	1 440	1 923	2 149	2 420	2 227	2 418	2 621	2 418	2 621	3 162	3 777	3 958	3 905
Malaysia	11 218	10 970	11 044	11 634	10 577	10 569	10 735	11 088	10 944	10 686	11 702	11 059	11 420	12 285	11 708	11 778	12 691	13 559	14 115	14 908	15 057	14 830	14 989	15 671	14 986	15 342	16 051	16 129
Marshall Islands	6	12	15	12	15	12	37	32	11	7	88	26	52	61	173	172	126	107	123	49	34	56	51	60	117	111	138	158
Micronesia	0	67	73	75	66	60	60	98	77	68	367	350	111	151	173	172	126	107	123	49	34	56	51	60	117	111	138	158
Micronesia	1 160	1 094	1 325	1 514	1 652	2 994	2 819	2 433	2 538	2 233	1 659	1 611	1 516	1 418	1 730	2 750	4 062	3 592	2 915	3 348	3 109	3 526	3 929	3 918	4 542	4 601	5 049	4 654
Nauru	0	2	8	0	0	0	8	6	8	0	7	0	0	0	4	87	104	88	90	78	94	61	65	38	61	47	48	47
New Caledonia	108	128	120	171	144	104	98	74	111	128	143	140	140	104	104	97	87	104	88	90	78	94	61	65	38	61	47	48
New Zealand	474	448	437	415	404	359	320	296	295	303	348	335	317	274	352	391	352	321	365	447	344	377	329	386	371	332	344	274
Niue	1	0	2	3	1	0	5	0	3	3	0	2	1	2	2	0	2	0	0	1	0	0	4	0	0	0	0	0
Northern Mariana Islands	0	26	75	74	58	64	16	56	27	28	28	6	6	4	25	41	19	5	15	32	66	75	58	45	53	57	51	44
Palaui	17	10	17	14	20	26	13	38	17	3	3	6	4	25	41	19	5	15	32	66	75	58	45	53	57	51	44	
Papua New Guinea	2 525	2 508	2 742	2 955	3 453	2 877	2 251	4 261	3 396	2 497	3 401	2 540	7 451	5 335	8 041	3 195	7 977	11 291	13 003	10 520	12 658	11 197	12 788	12 743	12 564	12 620	15 002	
Philippines	112 307	116 821	104 715	106 300	151 863	151 028	153 129	163 740	183 113	217 272	317 008	207 371	236 172	178 134	180 044	119 186	165 453	195 767	162 360	145 807	119 914	107 133	118 008	132 759	130 530	137 100	147 305	140 588
Rep. of Korea	89 803	98 532	100 878	91 572	85 669	87 169	88 789	87 419	74 460	70 012	63 904	57 864	48 070	46 999	38 155	33 215	33 215	33 215	34 661	32 075	21 782	37 268	34 967	33 843	34 389	38 290	37 861	37 554
Samoa	59	49	43	41	37	43	65	29	29	37	44	44	26	49	45	45	31	32	22	31	43	22	31	27	34	24	25	
Singapore	2 710	2 425	2 179	2 065	2 143	1 952	1 760	1 616	1 666	1 617	1 591	1 841	1 778	1 930	1 677	1 889	1 951	1 977	2 120	1 805	1 728	1 536	1 516	1 581	1 414	1 356	1 313	1 359
Solomon Islands	266	313	324	302	337	377	292	334	372	488	382	309	364	367	332	352	299	318	295	289	302	292	256	293	340	397	371	397
Tokelau	0	1	0	0	0	2	0	0	9	1	1	1	1	1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
Tonga	64	49	45	50	54	49	35	24	14	36	23	20	29	33	23	20	22	21	30	22	24	12	29	16	12	18	18	23
Tuvalu	33	18	12	23	9	32	27	22	24	26	23	30	30	28	19	38	19	38	18	14	16	16	13	30	30	12	9	18
Vanuatu	178	92	173	196	186	124	131	90	118	144	140	230	193	114	152	79	126	164	178	120	152	175	101	104	115	76	126	122
Viet Nam	43 062	43 506	51 206	43 185	43 875	46 941	47 557	55 505	52 463	52 270	50 203	59 784	56 594	52 994	51 763	55 739	74 711	77 838	87 468	88 879	89 792	90 728	95 044	92 741	98 173	94 916	97 363	97 400
Wallis & Futuna	23	24	5	17	14	14	34	34	1	30	22	22	4	11	11	6	8	14	14	14	1	1	15	15	15	7	7	
WPR	356 452	355 337	461 550	462 181	540 985	615 153	651 840	655 006	716 427	741 913	884 073	760 863	754 463	718 783	724 290	824 954	873 425	870 920	834 599	820 469	786 285	805 152	811 482	880 890	1 160 130	1 274 124	1 331 512	1 365 284
Number reporting	36	33	36	36	36	36	36	36	36	36	32	31	31	31	33	33	31	31	30	32	34	35	35	36	32	36	35	34
% reporting	100	92	100	100	100	100	100	100	100	97	89	86	97	92	92	81	86	86	83	89	94	97	97	100	89	100	97	94

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

Table A3.14 TB case notification rates, Western Pacific, 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	
American Samoa	6	18	17	22	32	13	19	21	29	11	19	6	2	8	8	6	6	0	11	5	7	5	5	3	5	8	9	6	4
Australia	10	9	8	8	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	5
Brunei Darussalam	102	143	120	131	118	107	92	80	62	51	56	66	66	57	66	57	66	52	52	64	92	63	66	58	48	44	53	53	
Cambodia	38	29	114	102	132	125	123	104	118	84	67	109	155	124	137	128	127	130	138	154	148	147	186	209	225	255	244	246	
China	10	11	10	14	21	24	23	20	27	27	33	30	27	29	30	42	41	38	36	36	36	37	37	47	61	68	71	74	
China, Hong Kong SAR	160	150	144	137	145	138	135	131	126	119	114	109	111	109	104	100	103	111	118	85	90	101	92	86	81	80	78	74	
China, Macao SAR	437	226	87	163	229	186	131	117	92	76	92	86	75	72	98	136	136	108	108	108	102	104	85	80	66	75	78	71	
Cook Islands	45	11	68	85	17	45	17	11	0	11	0	6	33	28	22	11	6	11	0	18	6	13	7	0	7	7	7	7	
Fiji	33	28	24	27	24	32	28	24	23	30	31	34	32	24	30	26	26	22	21	24	18	23	18	23	16	16	14	11	
French Polynesia	50	42	41	47	47	45	48	44	34	38	30	25	41	38	42	42	39	41	46	40	26	26	26	20	24	25	27	24	
Guam	52	38	44	42	46	31	40	27	32	52	37	43	50	66	66	66	34	33	35	32	31	35	40	32	13	30	37	26	31
Japan	61	56	54	52	51	48	47	46	44	43	42	41	39	39	36	34	33	33	33	32	31	28	28	25	23	21	20	19	
Kiribati	267	333	335	214	182	164	200	166	304	172	95	124	135	132	332	417	592	340	309	300	221	225	320	343	361	404	351		
Leo PDR	246	237	207	205	286	278	275	287	314	363	518	331	368	272	268	174	236	273	222	195	157	138	149	164	168	162	171	160	
Malaysia	82	78	83	78	69	67	67	67	64	61	65	59	60	63	58	57	60	62	64	66	65	62	59	63	59	60	61	61	
Micronesia	20	22	36	43	33	39	92	76	25	15	54	105	122	122	122	115	115	95	79	65	106	95	110	211	196	238	267		
Micronesia, Federated States of	70	64	76	84	88	157	143	120	121	103	75	71	66	61	73	116	169	148	119	136	126	142	153	155	178	194	177		
Nauru	0	26	104	0	0	0	96	70	91	0	77	0	77	0	41	53	44	44	44	20	40	30	50	30	109	118	30		
New Caledonia	76	86	81	114	94	67	62	46	66	76	64	80	78	57	51	45	53	44	44	37	44	28	28	17	26	20	19		
New Zealand	15	14	14	13	13	11	10	9	9	9	10	10	9	8	10	11	9	9	9	10	12	9	10	8	10	9	8	7	
Niue	29	0	64	100	35	0	190	0	125	0	89	44	88	0	88	0	91	0	0	51	0	0	228	0	0	0	0	0	
Northern Mariana Islands	139	395	308	214	213	49	157	70	68	64	135	83	83	85	149	150	99	109	81	72	59	68	71	62	52	59	54		
Palau	80	134	108	150	191	94	289	118	21	39	25	155	247	111	29	83	169	83	169	83	169	83	169	83	169	83	169	83	
Papua New Guinea	79	77	82	86	99	95	77	59	109	84	60	80	58	167	116	171	166	161	221	248	195	229	198	221	215	207	203	237	
Philippines	234	237	207	205	286	278	275	287	314	363	518	331	368	272	268	174	236	273	222	195	157	138	149	164	168	162	171	160	
Rep. of Korea	236	255	257	230	212	214	215	210	177	165	149	134	110	106	86	84	87	73	75	69	47	79	74	71	72	80	79	78	
Samoa	38	32	28	26	24	27	41	18	18	23	27	16	30	27	27	18	19	13	18	24	12	12	17	15	19	13	13		
Singapore	112	98	86	80	81	72	64	57	58	55	53	59	56	56	50	54	54	53	56	46	43	37	36	37	33	31	30	31	
Solomon Islands	116	132	132	119	128	139	104	116	125	160	122	96	110	107	94	97	80	83	75	71	73	68	68	65	74	84	77	80	
Tokelau	0	64	0	0	0	126	0	559	62	0	62	63	64	0	135	0	0	0	0	0	0	0	0	0	0	0	0	0	
Tonga	66	51	47	53	58	53	38	26	15	38	24	21	30	34	24	21	23	21	31	22	24	12	29	16	12	18	23		
Tuvalu	410	221	145	274	106	370	307	245	263	280	244	315	312	289	195	367	179	138	157	156	156	126	290	115	86	171			
Vanuatu	152	77	141	156	146	94	97	65	83	99	94	150	122	70	90	46	72	103	98	65	80	90	51	51	55	35	57	54	
Viet Nam	81	80	93	76	76	79	79	90	83	81	76	88	82	75	72	76	100	103	114	114	114	114	113	117	112	117	111		
Wallis & Futuna	200	200	40	130	104	101	243	7	216	158	29	78	77	42	55	96	96	96	96	96	96	96	96	96	96	96	96	96	
WPR	27	27	34	39	44	46	45	49	50	59	50	49	46	46	51	54	53	50	49	47	47	47	57	67	73	75	77		

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

Table A3.16 NTP budgets, available funding, cost of utilization of general health-care services and total TB control costs (US\$ millions), Western Pacific, 2009

	NTP budget	Available funding			Global Fund	Funding gap	Cost of utilization of general health-care services	Total TB control costs	Completeness of budget data
		Government (excluding loans)	Loans	Grants (excluding Global Fund)					
American Samoa	0.1	0.1	0	0	0	0	0.1	C	
Australia	0.6	0.6	0	0	0	0	0.6	N	
Brunei Darussalam	1.1	1.1	0	1.3	4.6	0	13	P	
Cambodia	225	163	11	0.7	41	9.8	225	C	
China, Hong Kong SAR	20	20	0	0	0	0	79	C	
China, Macao SAR								N	
Cook Islands								N	
Fiji								N	
French Polynesia	1.7	1.4	0	0.3	0	0.02	1.7	C	
Guam							165	N	
Japan							0.1	C	
Kiribati	0.1	0.1	0	0	0	<0.01	0.2	C	
Laos PDR	3.1	0.04	0	0	3.0	0	3.1	C	
Malaysia	0.8	0.8	0	0	0	0	9.0	C	
Marshall Islands	0.2	0.1	0	0.1	0	0	0.2	C	
Micronesia								N	
Mongolia	3.8	0.8	0	0	2.2	0.7	4.9	C	
Nauru								N	
New Caledonia								N	
New Zealand								N	
Niue	<0.01	0	0	0	<0.01	0	<0.01	N	
Northern Mariana Islands	0.6	0.2	0	0.3	0	0.2	0.6	C	
Palau	0.2	0.1	0	0.1	0.02	0.01	0.2	C	
Papua New Guinea	3.6	0.6	0	0.3	2.7	0	3.6	C	
Philippines	23	7.9	0	0	10	4.4	34	C	
Rep. of Korea								N	
Samoa								N	
Singapore	1.7	0.01	0	0	1.7	0	2.0	C	
Solomon Islands								N	
Tokelau	0	0	0	0	0	0	0	N	
Tonga	0.1	0.1	0	<0.01	0	<0.01	0.1	C	
Tuvalu	0	0.1	0	0	0	<0.01	0	P	
Vanuatu								N	
Viet Nam	13	5.3	0	4.3	3.9	0	27	C	
Wallis & Futuna								N	
WPR	308	202	11	7	70	19	570	47%	

N indicates data not available or not applicable; P indicates partial financial data; C indicates complete data and therefore included in analysis presented in chapter 3. Completeness of budget data in total row indicates percentage of countries providing complete financial data. Data can be downloaded from www.who.int/tb

Notes

China, Hong Kong SAR

FIGURE 2.12: at least one case of XDR-TB was reported by the end of 2008.

TABLE A3.8: the majority of treatment-after-failure cases are still on treatment at 12 months.

China, Macao SAR

TABLE A3.5: 41 cases treated outside the public sector, with site and history of treatment unspecified, were reported as "other", non-DOTS.

Japan

TABLE A3.8: cases not evaluated include some cases still on treatment.