

**Summary by WHO region ...**

**Africa ...**

**The Americas ...**

**Eastern Mediterranean...**

**Europe ...**

**South-East Asia ...**

**Western Pacific ...**

# Western Pacific

## NTP MANAGER (OR EQUIVALENT); PERSON FILLING OUT DATA COLLECTION FORM (IF DIFFERENT)

American Samoa	Faatuai Faoa
Australia	John Walker; Paul Roche
Brunei Darussalam	Hjh Kalsom Binti Abdul Latif; Bheemayya Badesab
Cambodia	Mao Tan Eang; Tieng Sivanna
China	Liu Jianjun; Cheng Shiming
China; Hong Kong SAR	Cheuk-ming Tam
China; Macao SAR	Chou Kuok Hei
Cook Islands	Ngapoko Short; Tae Nootutai
Fiji	William Kaitani; Lobi Batio
French Polynesia	Axel Wiegandt
Guam	Cecilia Teresa Arciaga
Japan	Tarou Tsukahara; Nobukatsu Ishikawa
Kiribati	Taketiau Beiriki; Sno Bereka Reiher
Lao PDR	Phannasinh Sylavanh; Phonenaly Chittamany
Malaysia	Abdul Rasid bin Kasri; Fuad bin Hashim
Marshall Islands	Kenner Briand; Risa J. Bukbuk
Micronesia	Lerina Nena
Mongolia	Naranbat Nymadawa; Tseveen Tserenbaljid
Nauru	Isabella Amwano
New Caledonia	Bernard Rouchon; Oksana Segur
New Zealand	Alison Roberts; Andrea M. Forde
Niue	Kara Okesene Gafa
Northern Mariana Is	Richard Brostrom; Susan Schorr
Palau	Henrietta Merei
Papua New Guinea	Paul Aia; Rajendra Yadav
Philippines	Rosalind Vianzon; Anna Marie Celina Garfin; Arlene Rivera
Rep. Korea	Hwa Hyun Kim; Hee Jin Kim
Samoa	Robert Thomsen; Serafi Moa Mulumulu; Robert Thomsen
Singapore	Wang Yee Tang; Khin Mar Kyi Win
Solomon Islands	Noel Itogo
Tokelau	Tekie Iosefa
Tonga	Malakai Ake
Tuvalu	Nese Ituaso Conway
Vanuatu	Russel Tamata
Viet Nam	Dinh Ngoc Sy
Wallis & Futuna Is	Laurent Morisse

**This list shows the people named on the data collection form sent to WHO in 2006, not necessarily the current NTP manager. It is intended as an acknowledgement rather than a directory.**

## WESTERN PACIFIC: SUMMARY OF TB CONTROL POLICIES

	DOTS COVERAGE, %	NTP MANUAL	SMEAR MICROSCOPY FOR DIAGNOSIS	STANDARDIZED CHEMOTHERAPY	DOT	MONITORING OUTCOMES	CASES NOTIFIED BY TYPE, AGE & SEX	2004 COHORT OUTCOMES REPORTED: NEW, RETREATMENT	SMEAR MICROSCOPY FREE-OF-CHARGE	DRUGS FREE-OF-CHARGE	UNINTERRUPTED DRUG SUPPLY	EQA FOR SMEAR MICROSCOPY	STRATEGIC HRD PLAN	TB CONTROL CURRICULA OF DOCTORS AND NURSES	UP-TO-DATE JOB DESCRIPTIONS	GUIDELINES FOR PRIVATE PRACTITIONERS	PUBLIC PROVIDERS NOTIFIED/REFERRED	PRIVATE PROVIDERS NOTIFIED/REFERRED	ISTC PROMOTED IN 2006	HEALTH SYSTEM STRENGTHENING IN PLAN	PAL IN PLAN	COMMUNITY-BASED TB CARE	PATIENTS' CHARTER PROMOTED IN 2006	OPERATIONAL RESEARCH	MDR-TB MGMT. IN LINE WITH WHO GUIDELINES	HIV COUNSELLING & TESTING	SURVEILLANCE OF HIV PREV. IN TB PTS
AMERICAN SAMOA	100	■	■	■	■	■	●	●	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
AUSTRALIA	88	■	■	■	■	■	●	●	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
BRUNEI DARUSSALAM	100	■	■	■	■	■	●	●	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
CAMBODIA	100	■	■	■	■	■	●	●	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
CHINA	100	■	■	■	■	■	●	●	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
CHINA, HONG KONG SAR	100	■	■	■	■	■	●	●	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
CHINA, MACAO SAR	100	■	■	■	■	■	●	●	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
COOK ISLANDS	100	■	■	■	■	■	●	●	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
FIJI	100	■	■	■	■	■	●	●	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
FRENCH POLYNESIA	100	■	■	■	■	■	●	●	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
GUAM	100	■	■	■	■	■	●	●	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
JAPAN	83	■	■	■	■	■	●	●	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
KIRIBATI	100	■	■	■	■	■	●	●	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
LAO PDR	100	■	■	■	■	■	●	●	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
MALAYSIA	100	■	■	■	■	■	●	●	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
MARSHALL ISLANDS	100	■	■	■	■	■	●	●	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
MICRONESIA	100	■	■	■	■	■	●	●	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
MONGOLIA	100	■	■	■	■	■	●	●	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
NAURU	100	■	■	■	■	■	●	●	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
NEW CALEDONIA	100	■	■	■	■	■	●	●	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
NEW ZEALAND	100	■	■	■	■	■	●	●	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
NIUE	100	■	■	■	■	■	●	●	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
NORTHERN MARIANA IS	100	■	■	■	■	■	●	●	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
PALAU	100	■	■	■	■	■	●	●	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
PAPUA NEW GUINEA	53	■	■	■	■	■	●	●	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
PHILIPPINES	100	■	■	■	■	■	●	●	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
REP. KOREA	100	■	■	■	■	■	●	●	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
SAMOA	100	■	■	■	■	■	●	●	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
SINGAPORE	100	■	■	■	■	■	●	●	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
SOLOMON ISLANDS	100	■	■	■	■	■	●	●	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
TOKELAU	0	■	■	■	■	■	●	●	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
TONGA	100	■	■	■	■	■	●	●	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
TUVALU	100	■	■	■	■	■	●	●	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
VANUATU	100	■	■	■	■	■	●	●	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
VIETNAM	100	■	■	■	■	■	●	●	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
WALLIS & FUTUNA IS	100	■	■	■	■	■	●	●	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
WPR	98	83	92	94	83	83	86	67	83	83	25	64	42	61	67	64	53	44	53	47	28	42	28	31	42	36	13

DOT indicates directly observed treatment; EQA, external quality assurance; HRD, human resources development; ISTC, International Standards for Tuberculosis Care; PAL, Practical Approach to Lung Health; prev., prevalence.

First number in final row shows regional coverage; remaining numbers show the proportion of countries for which the answer is "yes" or "all" (i.e. those shown in dark green in the table).

■ Yes/all ● Some/partially ▲ Answer not provided NA Not applicable. See explanatory notes on page 163 for details of colour-coding.

Table A2.1 Estimated burden of TB, Western Pacific, 1990 and 2005

	Incidence, 1990				Prevalence, 1990				TB mortality, 1990				Incidence, 2005				Prevalence, 2005				TB mortality, 2005				HIV prevalence in adult incident TB cases (%)			
	All forms*		Smear-positive*		All forms*		Smear-positive*		All forms*		Smear-positive*		All forms HIV+		Smear-positive*		All forms*		All forms HIV+		All forms*		All forms HIV+		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	6	12	3	5	13	27	1	3	6	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Australia	1 115	7	501	3	1 140	7	112	≤1	1 188	6	16	≤1	524	3	4	6	≤1	1 186	6	8	≤1	1 117	5	2	≤1	2.9	0.2	
Brunei Darussalam	159	62	71	28	291	113	31	12	200	54	≤1	≤1	90	24	—	—	—	235	63	≤1	19	5	≤1	—	—	—	—	
Cambodia	56 698	582	25 203	259	92 649	951	10 888	112	71 130	506	2 586	18	31 750	226	905	6	98 901	703	1 293	9	12 281	87	862	6	6.0	—	—	
China	1 345 828	116	605 554	52	3 749 162	325	281 964	24	1 319 328	100	3 864	≤1	593 311	45	1 352	≤1	2 736 852	208	1 832	≤1	204 603	17	1 137	≤1	0.5	—	—	
China, Hong Kong, SAR	6 178	108	2 779	49	7 896	138	641	11	5 278	75	18	≤1	2 373	34	6	≤1	5 388	77	9	≤1	454	6	2	≤1	0.5	—	—	
China, Macao, SAR	346	93	156	42	458	123	45	12	372	81	—	—	167	36	—	—	—	400	87	—	—	—	—	—	—	—	—	
Cook Islands	4	22	2	10	9	49	≤1	5	3	16	—	—	1	7	—	—	—	5	26	—	—	—	—	—	—	—	—	
Fiji	303	42	136	19	451	62	49	7	195	23	≤1	≤1	88	10	—	—	—	257	30	≤1	31	4	≤1	—	—	—	—	
French Polynesia	145	74	65	33	327	167	33	17	72	28	—	—	32	13	—	—	—	83	32	—	—	—	—	—	—	—	—	
Guam	69	51	31	23	155	116	15	11	64	38	—	—	29	17	—	—	—	66	39	—	—	—	—	—	—	—	—	
Japan	64 517	52	29 015	23	86 055	70	8 036	7	36 065	28	120	≤1	16 217	13	42	≤1	48 046	38	60	≤1	4 491	4	14	≤1	0.7	—	—	—
Kiribati	369	513	166	231	831	1 157	83	115	378	380	—	—	170	171	—	—	—	423	426	—	—	—	—	—	—	—	—	
Laos PDR	7 357	178	3 311	80	19 523	472	1 546	37	9 157	155	40	≤1	4 117	69	14	≤1	18 115	366	20	≤1	1 440	24	13	≤1	0.7	—	—	
Malaysia	21 736	122	9 775	55	34 851	195	3 894	22	25 752	102	431	2	11 545	46	151	≤1	33 181	131	216	≤1	4 041	16	123	≤1	2.8	—	—	—
Marshall Islands	143	302	64	136	323	682	32	68	139	224	—	—	62	101	—	—	—	167	269	—	—	—	—	—	—	—	—	
Micronesia	182	188	82	85	300	311	32	33	116	105	—	—	52	47	—	—	—	136	123	—	—	—	—	—	—	—	—	
Mongolia	4 863	219	2 188	99	12 532	566	1 141	51	5 042	191	5	≤1	2 268	86	2	≤1	5 463	206	3	≤1	609	23	≤1	≤1	0.2	—	—	—
Nauru	14	146	6	66	31	328	3	33	15	108	—	—	7	49	—	—	—	21	156	—	—	—	—	—	—	—	—	
New Caledonia	162	95	73	43	247	145	26	15	60	25	—	—	27	11	—	—	—	71	30	—	—	—	—	—	—	—	—	
New Zealand†	343	10	154	5	351	10	34	1	364	9	—	—	164	4	—	—	—	372	9	—	—	—	—	—	—	—	—	
Niue	1	59	≤1	26	3	133	≤1	13	≤1	44	—	—	≤1	20	—	—	—	1	87	—	—	—	—	—	—	—	—	
Northern Mariana Islands	46	103	21	46	103	232	9	21	62	76	—	—	28	34	—	—	—	74	92	—	—	—	—	—	—	—	—	
Palau	11	70	5	32	13	88	≤1	6	10	52	—	—	5	23	—	—	—	12	61	—	—	—	—	—	—	—	—	
Papua New Guinea	10 264	250	4 614	112	32 445	789	2 786	68	14 689	250	863	15	6 524	111	302	5	27 992	475	432	7	2 725	46	194	3	9.7	—	—	—
Philippines	204 963	335	92 234	151	500 834	820	48 621	80	241 879	291	219	≤1	108 824	131	77	≤1	374 014	450	110	≤1	38 964	47	74	≤1	0.1	—	—	—
Rep. of Korea	33 802	79	15 207	35	52 714	123	4 419	10	46 102	96	339	≤1	20 712	43	119	≤1	64 404	135	170	≤1	5 213	11	37	≤1	1.2	—	—	—
Samoa	51	32	23	14	71	44	8	5	37	20	—	—	17	9	—	—	—	50	27	—	—	—	—	—	—	—	—	
Singapore	1 493	50	670	22	1 555	52	169	6	1 241	29	47	1	554	13	16	≤1	1 219	28	23	≤1	109	3	4	≤1	8.1	—	—	—
Solomon Islands	924	292	416	131	2 086	658	207	65	678	142	—	—	305	64	—	—	—	960	201	—	—	—	—	—	—	—	—	
Tokelau	≤1	56	≤1	25	2	126	≤1	9	≤1	56	—	—	≤1	25	—	—	—	2	112	—	—	—	—	—	—	—	—	
Tonga	32	34	14	15	50	53	6	6	26	25	—	—	12	11	—	—	—	33	32	—	—	—	—	—	—	—	—	
Tuvalu	48	508	22	229	108	1 146	10	105	32	305	—	—	14	137	—	—	—	52	495	—	—	—	—	—	—	—	—	
Vanuatu	140	94	63	42	317	212	31	21	127	60	—	—	57	27	—	—	—	177	84	—	—	—	—	—	—	—	—	
Viet Nam	133 581	202	60 084	91	311 199	470	27 110	41	147 566	175	2 664	3	66 138	79	933	1	197 763	235	1 332	2	19 149	23	692	≤1	3.0	—	—	—
Wallis & Futuna	9	63	4	28	20	142	2	14	7	47	—	—	3	21	—	—	—	9	61	—	—	—	—	—	—	—	—	
WPR	1 895 900	125	852 713	56	4 909 113	323	391 995	26	1 927 359	110	11 213	≤1	866 190	49	3 925	≤1	3 616 138	206	5 607	≤1	294 597	17	3 156	≤1	1.0	—	—	—

— Indicates no estimate.

\* Incidence, prevalence and mortality estimates include patients with HIV. Estimates labelled "HIV+" are estimates of TB in HIV-positive adults (aged 15-49 years). 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 on page 163 for further details. Data can be downloaded from [www.who.int/tb](http://www.who.int/tb)

Table A2.2 Whole country case notifications and case detection rates, Western Pacific, 2005

	TB cases notified from whole country (DOTS + non-DOTS)												Incidence and case detection rates				Proportions					
	Country total		New and relapse (WHO total)		New pulmonary		New extra-pulmonary		Re-treatment cases		Re-treatment cases		Case detection rates		Extrapulm.		Re-treat.					
	number	rate	number	rate	number	rate	number	rate	number	rate	number	rate	number	rate	number	rate	number	rate				
American Samoa	65	5	6	9	3	5	2	0	0	0	0	0	0	3	86	114	60	50	17			
Australia	20 155	1 072	1 033	5	244	1	319	440	19	4	16	19	473	1 168	524	87	47	43	24	3		
Brunei Darussalam	374	163	163	44	101	27	30	27	0	0	0	0	101	200	90	112	77	62	17	3		
Cambodia	14 071	36 123	35 535	253	21 001	149	7 057	6 759	718	62	46	480	21 001	71 130	31 750	49	66	75	59	19	4	
China	1 315 844	990 509	894 428	68	472 719	36	329 157	42 845	6 011	81 153	5 301	472 719	1 319 328	583 311	64	80	59	53	5	14	14	
China, Hong Kong SAR	7 041	6 237	5 718	81	1 585	23	3 201	707	0	225	1	27	481	5 278	2 373	104	67	33	28	12	12	
China, Macao SAR	460	415	355	77	136	30	162	43	0	14	4	13	43	372	167	92	81	46	38	12	8	
Cook Islands	18	1	1	6	1	6	0	0	0	0	0	0	1	3	1	35	77	100	100	100	100	
Fiji	848	132	132	16	63	7	29	40	0	0	0	0	63	195	88	68	72	88	48	30	30	
French Polynesia	257	63	25	8	25	14	0	0	0	0	0	0	58	72	32	84	65	46	33	22	5	
Guam	170	64	63	37	27	16	26	26	0	1	0	1	36	64	29	96	51	43	14	14	3	
Japan	128 085	28 319	27 194	21	10 931	9	10 056	5 340	867	0	0	1 125	15 090	36 065	16 217	73	67	52	40	20	3	
Kiribati	99	332	334	124	125	79	126	3	3	0	0	7	124	378	170	87	73	61	37	38	3	
Lao PDR	5 924	3 820	3 777	64	2 806	47	485	277	65	144	18	25	2 806	9 157	4 117	40	68	85	74	7	5	
Malaysia	25 347	16 086	15 342	61	8 446	33	8 862	1 702	0	332	239	383	8 446	25 752	11 545	58	73	63	55	11	6	
Marshall Islands	62	112	111	179	48	77	31	28	0	4	0	1	48	139	62	77	61	43	25	4	4	
Micronesia	110	112	98	89	32	29	35	19	5	7	14	32	116	116	52	78	61	48	33	19	19	
Mongolia	2 646	4 743	4 618	174	1 868	71	901	1 633	0	216	94	0	1 868	5 042	2 268	87	82	67	40	35	7	
Nauru	14	11	11	81	0	0	11	0	0	0	0	0	0	15	7	75	0	0	0	0	0	
New Caledonia	237	51	49	21	18	8	13	18	0	0	2	28	60	60	27	82	67	58	37	37	6	
New Zealand	4 028	342	332	8	83	2	114	95	29	11	8	165	364	164	88	51	42	25	29	29	6	
Niue	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
Northern Mariana Islands	81	57	57	71	15	19	35	7	0	0	0	23	62	28	93	54	30	26	12	12	12	
Palau	20	10	10	50	3	15	6	1	0	0	0	3	10	5	96	64	33	30	10	10	10	
Papua New Guinea	5 887	12 564	12 564	213	1 805	31	5 105	4 198	1 456	0	0	0	1 805	14 689	6 524	76	28	26	14	33	12	
Philippines	83 054	137 100	137 100	165	81 647	98	50 347	1 149	0	3 957	0	81 647	241 879	108 824	55	75	62	60	1	3	3	
Rep. of Korea	47 817	46 969	38 290	80	11 638	24	18 460	5 171	0	3 021	237	359	4 602	46 102	20 712	77	56	39	30	14	17	
Samoa	185	24	24	13	11	6	8	5	0	0	0	18	37	17	17	65	66	58	46	21	21	
Singapore	4 326	1 469	1 356	31	552	13	570	174	0	60	8	85	20	1 241	554	104	100	49	41	13	11	
Solomon Islands	478	397	397	83	169	35	161	62	0	5	0	0	169	678	305	58	55	51	43	16	1	
Tokelau	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
Tonga	102	18	18	11	11	3	4	4	0	0	0	0	26	12	70	96	79	61	22	22	20	
Tuvalu	10	15	12	115	5	48	3	4	3	3	3	5	32	14	38	35	63	42	42	33	33	
Vanuatu	211	81	76	36	35	17	21	17	0	3	5	81	127	57	58	61	63	46	22	22	10	
Viet Nam	84 238	95 970	94 994	113	55 570	66	16 429	16 670	0	6 325	577	399	55 570	147 566	66 138	60	84	77	58	18	18	
Wallis & Futuna	15	7	7	45	1	6	6	0	0	0	0	1	7	7	3	97	31	14	14	14	14	
<b>WPR</b>	<b>1 752 283</b>	<b>1 382 960</b>	<b>1 274 266</b>	<b>73</b>	<b>671 719</b>	<b>38</b>	<b>447 749</b>	<b>87 584</b>	<b>118</b>	<b>67 096</b>	<b>4 849</b>	<b>6 958</b>	<b>87 246</b>	<b>1 927 359</b>	<b>866 190</b>	<b>63</b>	<b>78</b>	<b>60</b>	<b>53</b>	<b>7</b>	<b>12</b>	<b>12</b>

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 on page 163 for further details. Data can be downloaded from [www.who.int/tb](http://www.who.int/tb)





Table A2.5 Treatment outcomes, Western Pacific, 2004 cohort

	New smear-positive cases, DOTS												New smear-positive cases, non-DOTS												Smear-positive re-treatment cases, DOTS																	
	Number of cases				% of cohort				Number of cases				% of cohort				Number				% of cohort				Number				% of cohort													
	Notified	Regist'd	of notif regist'd	%	Completed	Died	Failed	Trans-ferred	Not eval.	Success	%	Notified	Regist'd	of notif regist'd	%	Completed	Died	Failed	Trans-ferred	Not eval.	Success	%	Number Regist'd	Cured	Completed	Died	Failed	Trans-ferred	Not eval.	Success	%	Number Regist'd	Cured	Completed	Died	Failed	Trans-ferred	Not eval.	Success	%		
American Samoa	2	3	150	0	67	0	33	0	67	0	190	25	13	24	48	16	0	0	12	0	72	0	26	12	50	0	0	0	0	12	27	62	0	26	12	50	0	0	0	12	27	62
<sup>1</sup> Australia	351	418	119	12	73	9	0	1	5	0	85	8	63	13	25	0	0	0	0	0	75	0	8	63	13	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	75	
Brunei Darussalam	115	115	100	63	8	5	0	1	23	0	71	912	71	15	6	1	4	4	0	86	0	106 741	84	5	3	3	2	1	3	89	0	106 741	84	5	3	3	2	1	3	89		
Cambodia	18 978	18 978	100	89	3	4	0	2	2	0	94	7 340	7 340	100	85	6	2	2	2	2	91	6	638	40	27	5	11	6	2	8	68	0	638	40	27	5	11	6	2	8	68	
China, Hong Kong SAR	377 546	377 546	100	91	3	2	1	1	1	2	80	337	337	100	6	0	1	1	0	1	91	6	20	60	25	10	0	0	0	0	5	85	0	20	60	25	10	0	0	0	5	85
China, Macao SAR	128	128	100	88	1	2	0	2	2	5	89	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	
Cook Islands	1	1	100	0	0	100	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	0	0	0	0	0	
Fiji	62	62	100	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	0	0	0	0	0	0	0	0	
French Polynesia	30	30	100	0	80	20	0	0	0	0	80	4 220	1 853	44	35	25	7	3	2	28	60	0	2 010	27	17	7	2	2	0	45	44	0	2 010	27	17	7	2	2	0	45	44	
Guam	22	22	100	95	5	0	0	0	0	100	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	0	
<sup>1</sup> Japan	11 527	12 929	112	35	23	9	3	2	29	57	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	0	0
Kiribati	142	142	100	87	7	1	1	1	3	94	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	0	0
Lao PDR	2 226	2 226	100	79	7	8	1	4	2	0	86	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	0
Malaysia	7 843	7 843	100	55	2	6	0	5	4	28	56	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	0
Marshall Islands	39	39	100	87	3	3	0	5	3	0	90	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	0
Micronesia	35	35	100	80	9	6	6	6	0	80	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	0	0
Mongolia	1 808	1 808	100	79	9	3	4	3	2	0	88	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	0
Nauru	15	18	120	94	66	10	0	6	18	66	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	0	
New Caledonia	173	111	64	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	0	0	0	0	0	0	0	0	0	0	0	0	0	
<sup>1</sup> New Zealand	0	1	24	171	88	0	0	0	0	88	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	0	0
Niue	5	5	100	100	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	0	0	0	0	0	0	0	0	0	0	0	0	0
Northern Mariana 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	0	0	0	0	0	0	0	0	0	0	0	0
Palau	5	5	100	100	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	0	0	0	0	0	0	0	0	0	0	0	0	0
Papua New Guinea	1 151	1 151	100	45	20	4	2	20	6	3	65	745	245	37	16	5	2	7	5	28	53	0	245	37	16	5	2	7	5	28	53	0	245	37	16	5	2	7	5	28	53	
Philippines	78 163	78 163	100	79	8	2	1	5	3	87	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	0	0
Rep. of Korea	4 014	4 044	101	79	2	2	1	3	13	1	80	7 457	2 864	69	2	2	1	6	17	4	71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Samoa	11	11	100	91	9	0	0	0	0	100	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	0	
Singapore	501	501	100	81	16	2	1	1	1	81	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	0	
Solomon Islands	152	156	103	58	28	5	1	7	1	0	87	0	2	50	50	0	0	0	0	0	100	0	13	54	38	0	0	0	8	0	4	74	0	13	54	38	0	0	8	0	4	74
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	0	0	0	0	0	0	0	0	0	0		
Tonga	8	8	100	100	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	0	0	0	0	0	0	0	0	0	0	0	0	
Tuvalu	0	4	100	73	17	10	0	0	0	0	100	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	
Vanuatu	59	59	100	73	17	10	0	0	0	0	90	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	
Viet Nam	58 394	58 370	100	91	2	3	1	1	2	0	93	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	
Wallis & Futuna	0	1	100	100	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	0	0	0	0	0	0	0	0	0	0	0	0	
<b>WPR</b>	<b>564 871</b>	<b>566 238</b>	<b>100</b>	<b>87</b>	<b>4</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>91</b>	<b>20 289</b>	<b>9 557</b>	<b>47</b>	<b>72</b>	<b>9</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>10</b>	<b>82</b>	<b>126 075</b>	<b>80</b>	<b>6</b>	<b>3</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>5</b>	<b>86</b>	<b>0</b>	<b>2</b>	<b>50</b>	<b>50</b>	<b>0</b>	<b>100</b>	<b>0</b>	<b>100</b>				

<sup>1</sup> Indicates that the outcomes belong to the lab-confirmed cases, i.e. smear and/or culture-positive. 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 2004 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

Table A2.6 Re-treatment outcomes, Western Pacific, 2004 cohort

	Relapse, DOTS										After failure, DOTS										After default, DOTS															
	Number					% of cohort					Number					% of cohort					Number					% of cohort										
	regist'd	Cured	Completed	Died	Failed	Transferred	Not eval.	Success	regist'd	Cured	Completed	Died	Failed	Transferred	Not eval.	Success	regist'd	Cured	Completed	Died	Failed	Transferred	Not eval.	Success	regist'd	Cured	Completed	Died	Failed	Transferred	Not eval.	Success				
American Samoa	20	15	65			10	10	80																												
Australia	8	63	13	25	0	0	0	75																												
Brunei Darussalam	645	84	3	4	1	4	4	86																												
Cambodia	51 022	84	5	3	3	1	1	3	89																											
China	195	58	7	6	13	5	1	9	66																											
China, Hong Kong SAR	14	79	0	14	0	0	0	7	79																											
China, Macao SAR	0	0	0	0	0	0	0	0	0																											
Cook Islands	0	0	0	0	0	0	0	0	0																											
Fiji	9	100						100																												
French Polynesia	2	100	0	0	0	0	0	100																												
Guam	1 187	36	21	9	3	3	27	57																												
Japan	2	100						100																												
Kiribati	117	78	3	9	3	6	1	0	81																											
Laos PDR	464	30	1	4	0	5	1	59	31																											
Malaysia	5	100	0	0	0	0	0	100																												
Marshall Islands	178	53	24	10	8	4	2	0	76																											
Micronesia	2	100						100																												
Mongolia	5	40	20	20	0	20	40																													
Nauru	0	0	0	0	0	0	0	0	0																											
New Caledonia	0	0	0	0	0	0	0	0	0																											
New Zealand	245	37	16	5	2	7	5	28	53																											
Niue	3 155	41	12	3	4	5	4	31	52																											
Northern Mariana Islands	1 506	69	2	1	1	4	20	2	71																											
Palau	0	0	0	0	0	0	0	0	0																											
Papua New Guinea	85	0	0	0	0	0	0	0	0																											
Philippines	13	54	38	0	0	8	0	0	92																											
Rep. of Korea	2	100	0	0	0	0	0	100																												
Singapore	6 668	81	5	5	4	3	2	0	86																											
Solomon Islands	1	100	0	0	0	0	0	100																												
Tokelau	65 549	78	6	3	3	2	2	6	84																											
Tonga	2	100	0	0	0	0	0	100																												
Tuvalu	520	68	2	7	16	3	4	0	70																											
Vanuatu	0	0	0	0	0	0	0	0	0																											
Viet Nam	0	0	0	0	0	0	0	0	0																											
Wallis & Futuna	1 007	57	7	7	7	17	6	4	1	64																										
<b>WPR</b>	<b>65 549</b>	<b>78</b>	<b>6</b>	<b>3</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>6</b>	<b>84</b>																											

<sup>1</sup> Indicates that the outcomes belong to the lab-confirmed cases, i.e. smear and/or culture-positive. 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 2004 is used as the denominator for calculating treatment outcomes unless it is missing or is less than the sum of outcomes, in which case the sum of outcomes is used. Data can be downloaded from [www.who.int/tb](http://www.who.int/tb)

Table A2.7 DOTS treatment success and case detection rates, Western Pacific, 1994–2005

	DOTS new smear-positive treatment success (%)										DOTS new smear-positive case detection rate (%)												
	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
American Samoa	100																						
Australia		66	75	84	74	66	78	82	85														
Brunei Darussalam			85	76	63	56	84	60	71														
Cambodia	84	91	94	91	95	93	91	92	92	93	91												
China	94	96	96	96	97	96	95	96	93	94	94												
China, Hong Kong SAR																							
China, Macao SAR	75		81		81	78	89	86	89	88	89												
Cook Islands			50		80	80	100	100	100														
Fiji	90	86	86	91	90	92	85	85	78	86													
French Polynesia	67	95	100	74	85	97	80	82	83	80													
Guam																							
Japan																							
Kiribati																							
Kiribati																							
Lao PDR	70	55	65	80	79	77	76	75	79	86													
Malaysia	69																						
Malaysia																							
Marshall Islands																							
Marshall Islands	64	80	78	86	84	86	87	87	87	87	88												
Micronesia																							
Micronesia																							
Mongolia																							
Nauru																							
Nauru	62	75																					
New Caledonia																							
New Zealand																							
New Zealand																							
Niue																							
Northern Mariana Islands																							
Northern Mariana Islands	64	67	75																				
Palau																							
Palau																							
Papua New Guinea																							
Papua New Guinea	80																						
Philippines																							
Philippines	71	76	71	82																			
Rep. of Korea																							
Rep. of Korea	50	80	100																				
Samoa																							
Samoa	88	86	65	73	92	92																	
Singapore																							
Singapore																							
Solomon Islands																							
Solomon Islands																							
Tokelau																							
Tokelau	89	75	82	75	94	80	93	92	83														
Tonga																							
Tonga																							
Tuvalu																							
Tuvalu																							
Vanuatu																							
Vanuatu	91	91	90	85	93	92	92	92	92	92	93												
Viet Nam																							
Viet Nam																							
Wallis & Futuna																							
Wallis & Futuna																							
<b>WPR</b>	<b>90</b>	<b>91</b>	<b>93</b>	<b>93</b>	<b>95</b>	<b>94</b>	<b>92</b>	<b>93</b>	<b>90</b>	<b>91</b>	<b>91</b>	<b>15</b>	<b>28</b>	<b>31</b>	<b>33</b>	<b>31</b>	<b>37</b>	<b>38</b>	<b>39</b>	<b>50</b>	<b>65</b>	<b>76</b>	

Treatment success, sum of cured and completed; DOTS new smear-positive case detection rate, notified (new and relapse) cases divided by estimated incident cases. The table includes updated information; data shown here may differ from those published in previous reports. Data can be downloaded from [www.who.int/tb](http://www.who.int/tb)



Table A2.9 New smear-positive case notification rates by age and sex, DOTS and non-DOTS, Western Pacific, 2005

	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+	0-14	15-24	25-34	35-44	45-54	55-64	65+	
American Samoa	0	2	2	2	1	1	3	0	1	2	1	1	1	1	
Australia	0	26	53	68	54	91	0	0	27	29	29	18	33	0	
Brunei Darussalam	2	52	198	335	433	683	1101	2	47	167	251	382	498	497	
Cambodia	1	38	44	47	64	101	150	1	30	26	22	25	36	40	
China	0	17	17	19	36	51	118	1	14	13	13	9	11	31	
China, Hong Kong SAR	8	15	32	59	53	80	144	0	13	25	14	19	6	25	
China, Macao SAR	5	11	26	32	32	64	41	5	9	14	11	9	23	27	
Cook Islands	0	8	10	10	0	47	33	0	8	16	0	8	13	46	
French Polynesia	0	15	32	30	20	34	83	0	23	8	8	21	0	36	
Guam	0	3	5	7	10	15	36	0	3	5	3	3	3	14	
Japan	1	22	53	103	190	268	353	1	17	44	67	117	150	153	
Kiribati	6	50	111	135	151	189	279	5	47	55	57	64	79	92	
Laos PDR	2	91	108	128	140	99	82	4	110	117	79	58	57	45	
Malaysia	0	10	5	5	0	32	15	0	5	11	6	16	0	53	
Marshall Islands	1	2	4	2	2	2	5	0	4	3	2	2	0	1	
Micronesia	2	30	46	31	44	41	16	3	37	45	36	32	33	3	
Mongolia	3	86	170	273	370	379	289	3	45	81	115	132	157	113	
Nauru	0	19	29	32	39	47	90	1	18	21	12	11	17	65	
New Caledonia	0	22	0	8	14	0	0	0	13	0	19	0	26	0	
New Zealand	0	3	8	15	25	45	70	0	2	7	8	8	9	22	
Niue	4	27	45	38	100	126	180	10	48	58	50	74	100	18	
Northern Mariana Islands	0	18	15	0	56	35	0	0	20	15	0	0	64	0	
Palau	2	19	33	43	0	83	26	0	24	6	18	57	23	62	
Papua New Guinea	0	39	100	154	226	270	356	0	20	32	36	58	104	187	
Philippines	1	38	51	58	76	102	140	1	29	29	26	30	39	43	
Rep. of Korea	2	30	46	31	44	41	16	3	37	45	36	32	33	3	
Samoa	3	86	170	273	370	379	289	3	45	81	115	132	157	113	
Singapore	0	19	29	32	39	47	90	1	18	21	12	11	17	65	
Solomon Islands	0	22	0	8	14	0	0	0	13	0	19	0	26	0	
Tokelau	0	3	8	15	25	45	70	0	2	7	8	8	9	22	
Tonga	4	27	45	38	100	126	180	10	48	58	50	74	100	18	
Tuvalu	0	18	15	0	56	35	0	0	20	15	0	0	64	0	
Vanuatu	2	19	33	43	0	83	26	0	24	6	18	57	23	62	
Viet Nam	0	39	100	154	226	270	356	0	20	32	36	58	104	187	
Wallis & Futuna	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>WPR</b>	<b>1</b>	<b>38</b>	<b>51</b>	<b>58</b>	<b>76</b>	<b>102</b>	<b>140</b>	<b>1</b>	<b>29</b>	<b>29</b>	<b>26</b>	<b>30</b>	<b>39</b>	<b>43</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 A2.10 Number of TB cases notified, Western Pacific, 1980-2005

	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
American Samoa	2	6	6	8	12	5	8	9	13	5	9	3	1	4	4	0	0	6	3	4	3	3	2	3	5	6
Australia	1 457	1 386	1 270	1 219	1 289	1 088	906	907	954	952	1 016	950	1 011	991	1 057	1 073	0	1 145	899	1 073	1 043	980	1 013	949	1 059	1 033
Brunei Darussalam	196	285	245	276	256	238	212	189	126	128	143	180	160	160	160	160	160	160	160	160	160	160	160	160	160	160
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
China	0	98 654	117 557	151 564	228 899	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	448 518	454 372	470 221	462 609	462 609	615 868	790 603	894 428
China, Hong Kong SAR	8 065	7 729	7 527	7 301	7 843	7 545	7 432	7 269	7 021	6 704	6 510	6 283	6 534	6 537	6 319	6 212	6 501	7 072	7 673	5 605	6 015	6 798	6 277	5 914	5 684	5 718
China, Macao SAR	1 101	585	233	455	671	571	420	389	320	274	343	329	294	285	285	402	570	575	465	449	449	465	388	371	309	365
Cook Islands	37	10	19	29	20	36	17	16	20	1	1	8	12	6	4	0	0	0	1	3	2	2	1	0	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
French Polynesia	76	66	65	78	80	78	85	80	63	73	59	48	83	78	89	86	91	105	93	62	64	62	64	50	60	63
Guam	55	41	49	48	54	37	49	34	41	75	54	60	60	70	94	94	54	63	51	22	54	63	51	22	50	63
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
Kiribati	146	187	183	127	111	103	129	110	208	121	68	91	100	99	253	327	464	276	255	252	252	189	196	284	310	332
Laos PDR	7 630	4 706	4 706	4 706	4 258	4 258	1 514	3 468	7 279	2 952	1 951	994	2 083	1 135	830	1 440	1 923	2 149	2 420	2 420	2 227	2 418	2 621	2 748	3 162	3 777
Malaysia	11 218	10 970	11 944	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	13 539	14 115	14 908	15 057	14 830	14 389	15 671	14 986	15 342
Marshall Islands	6	7	12	15	12	15	37	32	11	11	26	52	61	61	173	172	126	107	123	49	34	56	51	60	117	111
Micronesia	0	67	73	75	66	60	98	77	68	77	68	350	111	151	173	172	126	107	123	49	34	56	51	60	117	111
Mongolia	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	2 780	4 062	3 592	2 915	3 348	3 109	3 526	3 829	3 918	4 542	4 618
Nauru	0	2	8	0	0	0	8	6	8	0	7	140	140	104	97	87	104	88	90	78	94	61	65	38	61	49
New Caledonia	108	128	120	171	144	104	98	74	111	128	143	140	140	104	97	87	104	88	90	78	94	61	65	38	61	49
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
Northern Mariana Islands	1	0	2	3	1	0	5	0	3	0	0	0	2	1	2	0	0	2	0	0	0	0	0	0	0	0
Niue	0	26	75	74	58	64	16	56	27	28	28	6	6	4	25	46	48	51	93	97	66	75	58	45	53	57
Palau	17	10	17	14	20	26	13	38	17	3	3	6	4	25	41	19	5	15	5	32	32	11	11	9	5	10
Papua New Guinea	2 525	2 508	2 742	2 955	3 505	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	12 798	12 743	12 564
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	118 408	132 759	130 530	137 100
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	46 989	38 155	42 117	39 315	33 215	34 661	32 075	21 792	37 288	34 967	33 843	34 389	38 290
Samoa	59	49	43	41	37	43	65	29	37	44	44	44	26	49	45	45	45	32	22	31	43	22	31	27	34	24
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	1 830	1 677	1 889	1 951	1 977	2 120	1 805	1 728	1 536	1 516	1 581	1 414	1 356
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	387
Tokelau	0	1	0	0	0	2	0	0	1	0	0	1	1	1	0	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
Tuvalu	33	18	12	23	9	32	27	22	24	26	23	30	30	28	19	36	36	18	14	14	16	16	13	30	30	12
Vanuatu	178	92	173	196	188	124	131	90	118	144	140	230	193	114	152	79	126	184	178	120	152	175	101	104	115	76
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	94 984
Wallis & Futuna	23	24	5	17	14	14	34	34	34	30	4	11	4	11	6	8	8	14	14	14	1	1	19	15	15	7
WPR	356 481	355 345	461 557	462 195	541 002	615 181	651 854	655 020	716 447	741 912	894 074	760 870	754 469	718 784	724 290	824 952	873 424	870 918	834 600	820 469	786 286	805 105	811 482	980 890	1 160 130	1 274 266
Number reporting	36	33	36	36	36	36	36	36	36	35	32	31	35	33	33	28	31	31	30	32	34	35	35	36	32	36
% reporting	100	92	100	100	100	100	97	100	100	97	89	86	97	92	92	78	86	86	83	89	94	97	97	100	89	100

From 1995 on, number shown is all notified new and relapse cases (DOTS and non-DOTS). The table includes updated information; data shown here may differ from those published in previous reports. Data can be downloaded from [www.who.int/tb](http://www.who.int/tb)

Table A2.11 Case notification rates, Western Pacific, 1980–2005

	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
American Samoa	6	18	17	22	32	13	19	21	29	11	19	6	2	8	8	6	0	11	5	7	5	5	3	5	8	9
Australia	10	9	8	8	8	8	7	6	6	6	6	6	6	6	6	6	6	6	5	5	6	5	5	5	5	5
Brunei Darussalam	102	143	120	131	118	107	92	80	52	51	56	66	66	57	57	57	52	52	5	8	92	63	66	58	48	44
Cambodia	39	29	116	103	132	125	122	104	118	84	67	108	155	124	137	128	127	131	139	154	148	147	185	209	223	253
China	10	11	14	21	24	23	27	27	27	27	33	29	27	29	30	42	41	38	36	36	36	37	36	47	60	68
China, Hong Kong SAR	160	150	144	137	145	138	135	131	126	119	114	109	111	109	104	100	103	111	111	86	91	101	92	86	82	81
China, Macao SAR	437	226	87	163	229	186	131	117	92	76	92	86	75	71	97	136	135	107	107	101	104	104	86	82	68	77
Cook Islands	208	57	107	162	111	198	83	88	110	5	5	43	63	31	20	26	26	0	0	5	16	11	5	0	6	6
Fiji	33	28	24	27	24	32	28	24	23	30	30	34	33	24	30	26	22	22	21	24	18	22	18	22	16	16
French Polynesia	50	42	41	47	47	45	48	44	34	38	30	25	41	38	42	39	41	46	40	40	26	26	26	20	24	25
Guam	52	38	44	42	46	31	40	27	32	57	32	43	50	66	66	66	66	66	35	35	35	40	32	13	30	37
Japan	61	56	54	52	51	48	47	46	44	43	42	41	39	39	36	34	33	33	35	32	31	28	26	25	23	21
Kiribati	267	333	334	214	182	164	200	166	305	173	95	124	133	129	322	398	553	322	291	281	206	210	298	318	318	334
Lao PDR	238	141	137	185	118	41	91	186	73	44	46	23	47	25	18	30	39	43	47	42	45	47	49	49	55	64
Malaysia	82	78	82	78	69	67	67	67	65	61	66	60	61	64	59	58	61	63	64	66	65	63	60	64	60	61
Marshall Islands	20	22	36	43	33	39	92	76	25	15	54	105	122	115	115	115	115	96	80	65	105	92	104	196	179	
Micronesia	86	91	90	77	68	109	84	72	381	354	110	146	163	160	117	99	114	99	114	114	85	97	118	91	108	89
Mongolia	70	64	76	84	89	157	143	120	121	103	75	71	66	61	73	116	168	148	119	135	124	140	150	152	174	174
Nauru	0	26	104	0	0	0	0	95	69	90	0	74	0	0	38	51	45	44	44	17	33	24	39	23	81	
New Caledonia	76	88	81	114	94	67	62	46	68	76	84	80	78	57	10	11	10	9	10	12	9	10	8	10	9	8
New Zealand	15	14	14	13	13	13	11	10	9	9	10	10	10	9	10	11	10	10	10	12	9	10	8	10	9	8
Niue	31	0	69	110	39	0	216	0	141	0	0	106	54	110	0	114	0	0	0	0	0	0	0	262	0	0
Northern Mariana Islands	147	397	362	258	254	56	173	74	69	63	134	38	25	152	242	109	28	82	150	150	98	108	80	71	59	67
Patau	139	80	133	106	147	186	91	263	116	20	20	38	25	152	242	109	28	82	150	150	98	108	80	71	59	67
Papua New Guinea	78	76	81	85	98	94	77	59	109	85	61	81	59	168	117	172	66	162	223	251	199	234	202	226	221	
Philippines	234	237	207	205	287	278	276	288	314	364	519	332	369	272	269	174	237	274	223	196	158	139	150	166	160	
Rep. of Korea	236	255	257	230	212	214	215	210	177	165	149	134	110	106	86	94	87	73	75	69	47	79	74	71	72	
Samoa	38	32	28	26	24	27	41	18	18	23	27	27	16	30	27	27	18	19	13	18	24	12	17	15	19	
Singapore	112	98	86	80	81	72	64	57	58	55	53	59	56	56	50	54	53	56	46	43	37	36	37	33	31	
Solomon Islands	116	132	132	119	128	139	104	115	125	159	121	95	109	107	94	97	80	83	74	71	72	68	58	65	73	
Tokelau	0	67	0	0	0	0	127	0	575	64	0	66	67	68	0	142	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	30	22	24	12	29	16	12	
Tuvalu	410	221	145	274	106	370	307	245	263	280	244	315	312	289	195	367	367	179	138	157	156	126	280	115	115	
Vanuatu	152	77	141	156	146	94	97	65	83	99	94	150	122	70	91	46	71	102	97	64	79	90	51	51	55	
Viet Nam	81	80	93	76	76	79	79	90	83	81	76	88	82	75	72	76	100	103	114	115	114	114	118	113	118	
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	
<b>WPR</b>	<b>27</b>	<b>27</b>	<b>34</b>	<b>34</b>	<b>39</b>	<b>44</b>	<b>46</b>	<b>45</b>	<b>49</b>	<b>50</b>	<b>59</b>	<b>49</b>	<b>48</b>	<b>46</b>	<b>45</b>	<b>51</b>	<b>54</b>	<b>53</b>	<b>50</b>	<b>49</b>	<b>47</b>	<b>47</b>	<b>47</b>	<b>57</b>	<b>67</b>	

Rates are per 100 000 population. The table includes updated information; data shown here may differ from those published in previous reports. Data can be downloaded from [www.who.int/tb](http://www.who.int/tb)

Table A2.12 New smear-positive cases notified, numbers and rates, Western Pacific, 1993–2005

	Number of cases																	Rate (per 100 000 population)																
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005								
American Samoa	1	4	0	0	6	2	2	2	2	1	2	2	3	2	8	0	11	4	5	3	3	2	2	3	3	5								
Australia	557	226	203	285	210	228	251	228	210	113	285	244	3	3	3	1	1	1	2	1	1	1	1	1	1	1								
Brunei Darussalam	68	0	0	0	102	84	95	112	121	115	101	101	24	24	24	0	0	31	25	28	32	34	31	27	27									
Cambodia	11 058	11 101	12 065	13 865	15 744	14 822	14 361	17 258	18 923	18 978	21 001	21 001	84 898	104 729	134 488	203 670	236 021	202 817	201 775	204 765	194 972	267 414	384 886	472 719	138 149									
China, Hong Kong SAR	2 429	0	1 774	1 943	2 091	1 536	1 940	1 857	1 892	1 794	1 693	1 585	1 08	4	1	141	258	325	276	160	157	147	138	128	136									
China, Macao SAR	4	1	0	0	0	1	0	2	2	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0									
Cook Islands	58	0	68	69	66	74	65	62	73	74	78	62	63	8	8	0	9	8	8	8	8	9	9	9	7									
French Polynesia	38	40	37	41	34	33	29	43	47	31	21	30	21	28	18	17	18	15	14	12	0	11	8	12	8									
Guam	17 880	16 770	14 367	12 867	13 571	11 935	12 909	11 853	11 408	10 807	10 843	10 471	10 931	14	13	11	10	11	9	10	9	9	8	8	9									
Japan	99	184	144	50	52	59	54	64	82	99	142	124	129	234	234	175	60	61	67	60	70	88	104	146	125									
Kiribati	144	886	1 234	1 494	1 706	1 526	1 563	1 829	1 866	2 226	2 806	2 806	6 954	6 861	6 688	7 271	7 496	7 802	8 207	8 156	8 309	7 989	7 843	8 446	47									
Lao PDR	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12									
Malaysia	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12									
Marshall Islands	0	145	455	769	1 171	1 356	1 513	1 389	1 631	1 670	1 541	1 808	1 868	0	6	19	32	48	55	61	56	65	60	69	71									
Micronesia	0	145	455	769	1 171	1 356	1 513	1 389	1 631	1 670	1 541	1 808	1 868	0	6	19	32	48	55	61	56	65	60	69	71									
Mongolia	0	145	455	769	1 171	1 356	1 513	1 389	1 631	1 670	1 541	1 808	1 868	0	6	19	32	48	55	61	56	65	60	69	71									
Nauru	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2									
New Caledonia	16	28	21	26	24	26	22	20	19	21	12	15	18	9	15	11	13	12	13	10	9	9	9	5	6									
New Zealand	91	61	78	90	83	106	94	74	68	88	106	111	83	3	2	2	2	2	3	2	2	2	3	3	2									
Niue	0	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0	57	0	0	61	0	0	65	0	0									
Northern Mariana Islands	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	44	34	40	22	39	26	28	21	18									
Palau	8	11	9	4	7	20	15	27	19	21	16	14	15	49	65	52	22	38	105	7	20	24	32	29	15									
Papua New Guinea	92 279	87 401	94 768	86 065	80 163	69 476	73 373	67 056	59 341	65 148	72 670	78 163	81 647	141	131	139	124	112	95	99	89	77	83	91	96									
Philippines	16 630	13 266	11 754	11 420	9 957	10 359	9 559	8 216	11 805	11 345	10 976	11 471	11 638	38	30	26	25	22	22	21	18	25	24	23	24									
Rep. of Korea	21	18	15	9	14	7	17	17	11	19	12	11	11	13	11	11	9	5	8	4	10	7	6	11	7									
Samoa	513	861	455	519	436	482	465	248	357	549	583	501	552	16	26	13	14	12	13	12	6	9	13	14	12									
Singapore	155	114	109	90	113	140	93	109	118	108	138	152	169	45	32	30	24	29	35	23	26	27	24	30	33									
Solomon Islands	16	17	9	14	11	16	10	15	8	23	11	8	11	17	18	9	14	11	16	10	15	8	23	11	8									
Tokelau	2	1	6	6	6	6	6	6	6	6	6	6	6	21	10	61	17	28	37	21	23	33	29	19	20									
Tonga	62	30	50	66	38	43	63	57	38	40	59	35	37	37	51	66	66	72	69	68	68	70	68	70	66									
Tuvalu	37 550	48 911	50 016	54 889	53 805	53 169	54 238	56 698	55 937	58 394	55 570	55 570	55 570	21	21	21	21	21	21	21	21	21	21	21	21									
Vanuatu	222 809	241 672	314 269	388 141	416 952	379 699	383 613	376 109	371 806	372 528	453 812	579 566	671 719	14	15	20	24	25	23	22	22	22	22	26	33									
Viet Nam	14	15	20	24	25	23	22	22	22	22	22	22	22	14	15	20	24	25	23	22	22	22	22	26	33									
Wallis & Futuna	6	6	6	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	6									
<b>WPR</b>	<b>222 809</b>	<b>241 672</b>	<b>314 269</b>	<b>388 141</b>	<b>416 952</b>	<b>379 699</b>	<b>383 613</b>	<b>376 109</b>	<b>371 806</b>	<b>372 528</b>	<b>453 812</b>	<b>579 566</b>	<b>671 719</b>	<b>14</b>	<b>15</b>	<b>20</b>	<b>24</b>	<b>25</b>	<b>23</b>	<b>22</b>	<b>22</b>	<b>22</b>	<b>26</b>	<b>33</b>	<b>38</b>									

Rates are per 100 000 population. The table includes updated information; data shown here may differ from those published in previous reports. Data can be downloaded from [www.who.int/tb](http://www.who.int/tb)

# Notes

## Australia

Pyrazinamide and ethambutol supply disrupted; drugs were obtained through the Special Access Scheme to ensure continuity of treatment for patients.

One DOTS unit could not supply breakdown by age and sex of notified cases in 2005.

## Japan

Treatment outcomes are only available for pulmonary TB patients treated using standardized regimens (with isoniazid and rifampicin).

## Lao PDR

The population estimate used by the NTP (5.62 million) differs from that of the United Nations Population Division (5.92 million). Using the smaller population estimate gives a notification rate for new smear-positive cases of 67 per 100 000 population, and a smear-positive case detection rate of 72%.

## Malaysia

Breakdown by age and sex was provided for all notified TB cases rather than for new smear-positive cases only.

## New Zealand

All MDR patients were immigrants and visitors.

Among TB patients found to be HIV-positive in 2005, all of those with CD4 counts below 200 and some others started CPT.