

THE AMERICAS



The Americas

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

Anguilla	Lynette Rogers; Lynrod Brooks
Antigua & Barbuda	Oritta Zachariah; Janet Samuel
Argentina	Sergio Arias
Bahamas	Alice Neymour
Barbados	R.A. Manohar Singh
Belize	Marvin Manzanero
Bermuda	
Bolivia	Miram Nogales Rodriguez
Brazil	Draurio Barreira; Stefano Barbosa Codenotti; Gisele Pinto de Oliveira
British Virgin Islands	Athelene Linton
Canada	Edward Ellis; Victor Galant
Cayman Islands	A. K. Kumar; Timothy E. D. McLaughlin-Munroe
Chile	Manuel Zuñiga Gajardo; Zulema Torres Gaete
Colombia	Gilberto Alvarez Uribe; Ernesto Moreno Naranjo; César Castiblanco Montañez
Costa Rica	Zeidy Mata A.
Cuba	María Josefa Llanes Cordero
Dominica	David Johnson; Paul Ricketts
Dominican Republic	Belkys Marcelino; Lourdes McDougall Alarcon
Ecuador	Jorge Iñiguez Luzuriaga; Christian Acosta
El Salvador	Julio Garay Ramos; Marta De Abrego; Xochil Aleman
Grenada	Alister Antoine
Guatemala	Carlos Paz
Guyana	Jeetendra Mohanlall
Haiti	Richard D'Meza; Fleurimonde Charles
Honduras	Cecilia Elena Varela Martinez
Jamaica	Michael Williams
Mexico	Martín Castellanos Joya; Martha A. García Avilés; Héctor A. Téllez Medina
Montserrat	Dorothea L Hazel
Netherlands Antilles	
Nicaragua	Orlando Aristides Sequeira Perez
Panama	Cecilia Lyons de Arango; C. Torres, J. Bravo
Paraguay	Juan Carlos Jara Rodríguez; Celia Martínez de Cuellar; Ofelia Cuevas; Tomasa Portillo; Mirian Alvarez
Peru	César Antonio Bonilla Asalde; Rula Aylas Salcedo; Ana María Chavez; Remy Quispe; Ronal Jamanca
Puerto Rico	Ada S. Martinez; María del Carmen Bermúdez
Saint Kitts & Nevis	Dianne Francis-Delaney; William Turner
Saint Lucia	Alina Montane Jaime
St Vincent & Grenadines	Roger Duncan; Jennifer George
Suriname	
Trinidad & Tobago	Dottin Ramoutar; Leilawat Mohammed
Turks & Caicos Islands	
Uruguay	Jorge Rodriguez de Marco
USA	Kenneth G. Castro; Ryan Wallace
US Virgin Islands	
Venezuela	Mercedes España Cedeño; Andrea Maldonado Saavedra

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, the Americas

Country	Reference year	Incidence est. based on	Trend	Source of estimates		Cfr ss+ HIV-		Duration ss+HIV-		Duration ss+HIV- non-DOTS	
				TB/HIV	MDR (row)	MDR (col)	MDR (row)	MDR (col)	DOTS - non-DOTS	DOTS - non-DOTS	DOTS - non-DOTS
Anguilla	1997	Notif.	Group, exp.	Model	Model	0.1	0.2	1	1.5	1	1.5
Antigua & Barbuda	1997	Notif.	Group, moving ave.	Model	Model	0.1	0.1	1	1.5	1	1.5
Argentina	1997	Notif.	Country notifs, exp.	DRS	DRS	0.1	0.1	1	1.5	1	1.5
Aruba	2000	Notif.	Not estimated	Model	Model	0.1	0.2	1	1.5	1	1.5
Bahamas	1997	Notif.	Group, moving ave.	Model	Model	0.1	0.2	1	1.5	1	1.5
Barbados	1997	Notif.	Not estimated	Model	Model	0.1	0.2	1	1.5	1	1.5
Belize	1997	Notif.	Group, moving ave.	Model	Model	0.1	0.2	1	1.5	1	1.5
Bermuda	1997	Notif.	Group, moving ave.	DRS	DRS	0.1	0.2	1	1.5	1	1.5
Bolivia	1997	Notif.	Group, moving ave.	DRS	DRS	0.1	0.1	1	1.5	1	1.5
Brazil	2005	Notif.	Mortality, exp.	Model	Model	0.1	0.2	1	1.5	1	1.5
British Virgin Islands	1997	Notif.	Group, moving ave.	DRS	DRS	0.12	0.12	0.75	0.75	0.75	0.75
Canada	1997	Notif.	Group, moving ave.	Model	Model	0.1	0.2	1	1.5	1	1.5
Caribbean Islands	1997	Notif.	Group, moving ave.	Model	Model	0.1	0.2	1	1.5	1	1.5
Chile	1997	Notif.	Country notifs, exp.	DRS	DRS	0.1	0.1	1	1.5	1	1.5
Colombia	1997	Notif.	Country notifs, exp.	DRS	DRS	0.1	0.15	1	1.5	1	1.5
Costa Rica	1997	Notif.	Group, exp.	DRS	DRS	0.1	0.15	1	1.5	1	1.5
Cuba	1997	Notif.	Country notifs, exp.	DRS	DRS	0.1	0.1	1	1.5	1	1.5
Dominica	1997	Notif.	Group, exp.	Model	Model	0.1	0.2	1	1.5	1	1.5
Dominican Republic	1997	Notif.	Group, exp.	DRS	DRS	0.1	0.2	1	1.5	1	1.5
Ecuador	1997	Notif.	Country notifs, exp.	DRS	DRS	0.1	0.15	1	1.5	1	1.5
El Salvador	1997	Notif.	Group, exp.	DRS	DRS	0.1	0.2	1	1.5	1	1.5
Grenada	1997	Notif.	Group, exp.	Model	Model	0.1	0.2	1	1.5	1	1.5
Guatemala	1997	Notif.	Country notifs, exp.	DRS	DRS	0.1	0.15	1	1.5	1	1.5
Honduras	1997	Notif.	Country notifs, moving ave.	Model	Model	0.1	0.2	1	1.5	1	1.5
Haiti	1997	Notif.	Not estimated	Model	Model	0.1	0.2	1	1.5	1	1.5
Jamaica	1997	Notif.	Group, exp.	DRS	DRS	0.1	0.15	1	1.5	1	1.5
Jamaica	1997	Notif.	Not estimated	Model	Model	0.1	0.2	1	1.5	1	1.5
Mexico	2003	Mort.	Country notifs, exp.	DRS	DRS	0.1	0.15	1	1.5	1	1.5
Montserrat	1997	Notif.	Group, exp.	Model	Model	0.1	0.2	1	1.5	1	1.5
Netherlands Antilles	1997	Notif.	Group, moving ave.	Model	Model	0.1	0.225	1	1.5	1	2
Nicaragua	1997	Notif.	Country notifs, exp.	DRS	DRS	0.1	0.15	1	1.5	1	1.5
Panama	1997	Notif.	Not estimated	Model	Model	0.1	0.15	1	1.5	1	1.5
Paraguay	1997	Notif.	Country notifs, exp.	DRS	DRS	0.1	0.2	1	1.5	1	1.5
Peru	1997	Notif.	Country notifs, exp.	DRS	DRS	0.1	0.15	1	1.5	1	1.5
Puerto Rico	1997	Notif.	Country notifs, moving ave.	Model	Model	0.1	0.2	1	1.5	1	1.5
Saint Kitts & Nevis	1997	Notif.	Group, exp.	Model	Model	0.1	0.2	1	1.5	1	1.5
Saint Lucia	1997	Notif.	Group, exp.	Model	Model	0.1	0.2	1	1.5	1	1.5
St Vincent & Grenadines	1997	Notif.	Group, exp.	Model	Model	0.1	0.2	1	1.5	1	1.5
Suriname	1997	Notif.	Country notifs, moving ave.	Model	Model	0.1	0.2	1	1.5	1	1.5
Trinidad & Tobago	1997	Notif.	Not estimated	Model	Model	0.1	0.2	1	1.5	1	1.5
Turks & Caicos Islands	1997	Notif.	Group, moving ave.	Model	Model	0.1	0.2	1	1.5	1	1.5
Uruguay	1997	Notif.	Country notifs, exp.	DRS	DRS	0.1	0.1	1	1.5	1	1.5
US Virgin Islands	1997	Notif.	Group, moving ave.	Model	Model	0.1	0.2	1	1.5	1	1.5
USA	1997	Notif.	Country notifs, moving ave.	Model	Model	0.12	0.12	0.75	0.75	0.75	0.75
Venezuela	1997	Notif.	Country notifs, exp.	DRS	DRS	0.1	0.1	1	1.5	1	1.5

- 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 A3.3 Estimated incidence of TB (all forms) in all people, the Americas, 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	
Anguilla	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	24	24	24	24	23	23	23	23	23	23	23	23	22	22	22	22	22		
Antigua & Barbuda	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	10	10	10	10	9	8	8	8	7	7	7	7	7	6	6	6	6		
Argentina	19 442	18 962	18 491	18 025	17 566	17 111	16 662	16 218	15 779	15 346	14 919	14 496	14 081	13 674	13 279	12 897	12 528	12 172	60	57	55	53	51	49	47	45	44	44	44	44	44	44	44	44	44		
Bahamas	113	115	117	119	122	124	126	128	130	132	134	136	138	139	141	143	145	146	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44		
Barbados	19	18	17	16	15	15	14	14	13	13	12	12	12	11	11	11	11	11	7	6	6	6	6	5	5	5	5	4	4	4	4	4	4	4	4		
Belize	74	76	79	81	83	86	88	90	93	95	98	100	103	105	108	110	113	115	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40		
Bermuda	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
Bolivia	16 972	16 867	16 765	16 664	16 564	16 465	16 324	16 196	16 062	15 925	15 787	15 647	15 505	15 359	15 209	15 063	14 892	14 725	255	247	240	233	226	220	213	207	201	195	190	184	179	174	169	164	159		
Brazil	125 064	123 059	121 003	118 926	116 859	114 824	112 862	110 862	108 926	107 009	105 104	103 213	101 337	99 473	97 619	95 773	93 933	92 102	84	81	78	76	73	71	69	67	64	62	60	58	57	55	53	51	50		
British Virgin Islands	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	19	18	17	16	15	14	14	13	12	12	11	11	11	11	11	11	10	10	
Canada	2 647	2 529	2 433	2 306	2 233	2 147	2 096	2 048	1 983	1 884	1 816	1 770	1 716	1 688	1 669	1 670	1 669	1 669	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6		
Cayman Islands	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6		
Chile	4 962	4 730	4 509	4 296	4 094	3 896	3 703	3 516	3 336	3 163	2 998	2 840	2 689	2 545	2 406	2 276	2 155	2 038	38	35	33	31	29	27	25	24	22	21	19	17	16	15	14	13	12		
Colombia	18 440	18 356	18 267	18 174	18 077	17 976	17 871	17 762	17 648	17 528	17 402	17 270	17 132	16 986	16 834	16 674	16 507	16 333	53	52	50	48	46	44	42	40	38	36	34	32	30	28	26	25	23		
Costa Rica	557	554	552	549	546	543	541	539	537	534	531	527	522	517	511	505	498	491	18	18	17	17	16	15	15	14	14	14	14	13	13	12	12	12	11	11	
Cuba	2 695	2 505	2 326	2 157	2 000	1 853	1 717	1 590	1 472	1 363	1 261	1 166	1 078	997	921	850	785	724	25	23	22	20	18	17	16	14	13	12	11	10	9	8	8	7	6		
Dominica	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	9	9	9	15	15	15	14	14	14	14	14	14	14	14	14	14	14	14	14	13	13	
Dominican Republic	8 323	8 239	8 155	8 070	7 984	7 896	7 808	7 718	7 627	7 535	7 441	7 347	7 251	7 154	7 057	6 960	6 862	6 764	114	111	108	104	101	99	96	93	90	88	85	83	80	78	76	73	71	69	
Ecuador	17 133	17 016	16 889	16 749	16 592	16 416	16 221	16 010	15 786	15 551	15 308	15 060	14 806	14 550	14 291	14 033	13 774	13 517	167	162	157	153	148	144	140	136	132	128	124	121	117	114	111	107	104	101	
El Salvador	4 204	4 099	4 002	3 911	3 823	3 736	3 652	3 568	3 485	3 401	3 315	3 227	3 138	3 050	2 962	2 877	2 795	2 715	82	79	75	72	69	66	64	61	58	56	54	51	49	47	45	43	41	40	
Grenada	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
Guatemala	6 633	6 725	6 819	6 915	7 011	7 108	7 205	7 302	7 402	7 505	7 614	7 728	7 847	7 970	8 096	8 223	8 351	8 479	74	74	73	72	72	71	70	70	69	68	68	67	67	66	65	65	64	63	
Guyana	196	225	189	250	303	408	473	483	526	533	581	666	764	848	871	908	904	898	27	31	26	34	41	55	64	65	71	73	79	91	104	115	118	123	122	122	
Haiti	21 729	22 172	22 614	23 057	23 501	23 947	24 397	24 850	25 303	25 754	26 201	26 643	27 082	27 520	27 962	28 412	28 869	29 333	306	306	306	306	306	306	306	306	306	306	306	306	306	306	306	306	306	306	
Honduras	4 779	4 771	4 760	4 745	4 726	4 701	4 670	4 636	4 597	4 557	4 515	4 473	4 430	4 387	4 344	4 301	4 259	4 218	98	95	92	89	87	84	82	80	77	75	73	71	69	67	65	63	61	59	
Jamaica	155	156	158	160	161	163	164	166	167	168	170	171	172	173	175	176	177	178	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
Mexico	51 461	49 059	46 751	44 553	42 461	40 469	38 578	36 775	35 031	33 315	31 611	29 921	28 261	26 664	25 160	23 766	22 479	21 263	61	57	54	50	47	44	41	39	36	34	32	30	28	26	24	23	21	20	
Montserrat	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Netherlands Antilles	27	25	24	23	22	21	20	19	18	17	16	15	15	15	14	14	14	14	14	14	13	13	12	11	11	10	10	10	9	8	8	8	8	8	8	8	
Nicaragua	4 456	4 357	4 262	4 169	4 075	3 977	3 875	3 771	3 665	3 558	3 450	3 342	3 234	3 127	3 023	2 922	2 825	2 731	108	103	98	94	89	85	81	78	74	71	68	64	62	59	56	53	51	49	
Panama	1 144	1 167	1 192	1 216	1 241	1 267	1 293	1 319	1 346	1 373	1 400	1 426	1 453	1 480	1 507	1 533	1 560	1 586	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	
Paraguay	2 560	2 621	2 682	2 743	2 803	2 863	2 923	2 983	3 042	3 101	3 160	3 219	3 278	3 337	3 395	3 454	3 512	3 570	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	
Peru	69 063	66 718	64 409	62 135	59 893	57 683	55 509	53 376	51 289	49 253	47 273	45 350	43 488	41 687	39 950	38 278	36 689	35 123	317	301	285	270	255	242	229	217	205	195	184	174	165	156	148	140	133	126	
Puerto Rico	395	349	402	420	427	429	420	397	355	310	267	229	197	168	139	108	74	41	11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
Saint Kitts & Nevis	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
Saint Lucia	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	
St Vincent & Grenadines	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	
Suriname	265	249	199	207	200	211	241	284	340	357	344	347	355	364	410	453	483	533	66	61	49	51	49	51	56	67	79	83	79	80	86	91	100	108	116		
Trinidad & Tobago	138	139	140	141	142	143	144	144	144	145	146	146	147	147	148	148	149	149	150	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Turks & Caicos Islands	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	26	24	23	22	21	20	19	18	17	16	15	15	14	14	14	14	14	14
Uruguay	861	856	851	847	842	837	833	828	823	817	810	801	791	781	771	761	753	745	28	27	27	27	26	26	26												

Table A3.4 Estimated incidence, prevalence and mortality rates (per 100 000 population), the Americas, 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											
Anguilla	–	–	–	–	–	–	–	–	35	35	35	35	35	34	34	34	4	4	4	4	4	4	4	4	4	4	4	4	4	4	<1	<1	<1	<1	<1	<1	<1	<1					
Antigua & Barbuda	–	–	–	–	–	–	–	–	8	9	7	9	8	8	9	9	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1					
Argentina	–	–	–	–	–	–	–	–	52	51	42	41	39	39	37	35	3	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4				
Bahamas	13	13	13	13	13	13	13	13	45	45	51	51	50	50	50	51	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3			
Barbados	<1	<1	<1	<1	<1	<1	<1	<1	5	4	4	4	4	4	3	3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Belize	8	8	8	8	8	8	8	8	39	36	36	40	42	38	41	46	4	3	2	3	5	3	3	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Bermuda	5	5	5	5	5	5	5	5	238	229	223	218	211	205	202	198	29	27	26	26	25	24	24	24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Bolivia	8	8	8	8	8	8	8	8	83	80	77	72	63	60	56	60	4	4	4	4	4	4	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2			
Brazil	–	–	–	–	–	–	–	–	19	18	17	16	17	16	16	16	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4			
British Virgin Islands	–	–	–	–	–	–	–	–	7	5	6	6	5	5	6	6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			
Canada	–	–	–	–	–	–	–	–	7	5	6	6	5	5	6	6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			
Cayman Islands	–	–	–	–	–	–	–	–	7	5	6	6	5	5	6	6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			
Chile	<1	<1	<1	<1	<1	<1	<1	<1	21	19	19	16	15	15	13	12	2	2	2	2	2	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Colombia	2	2	2	2	2	2	2	2	51	62	60	58	55	44	43	43	6	7	6	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5			
Costa Rica	<1	<1	<1	<1	<1	<1	<1	<1	14	14	15	14	12	12	11	11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Cuba	<1	<1	<1	<1	<1	<1	<1	<1	13	12	11	10	9	8	7	7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Dominica	–	–	–	–	–	–	–	–	20	22	20	20	20	21	19	19	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
Dominican Republic	15	14	14	13	12	12	11	11	119	115	102	93	90	85	84	82	15	15	13	12	11	10	10	10	6	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4		
Ecuador	9	9	9	9	9	9	9	9	194	185	170	162	155	155	148	140	27	26	24	22	21	22	20	19	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4		
El Salvador	6	6	6	6	6	6	6	6	69	66	62	60	57	52	50	48	8	8	7	7	7	6	6	6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
Grenada	–	–	–	–	–	–	–	–	7	7	7	7	7	7	7	6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
Guatemala	6	7	7	7	6	6	6	6	90	91	89	89	86	85	84	87	11	11	10	10	10	10	10	10	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
Guyana	21	23	27	29	30	31	31	32	98	112	126	136	130	132	133	136	11	13	14	15	15	15	14	15	7	8	8	9	7	7	8	8	9	7	7	8	8	8	8	8			
Haiti	66	67	68	68	68	69	69	70	403	397	388	380	377	368	368	366	53	52	51	50	49	48	48	47	26	26	25	24	24	23	23	23	23	23	23	23	23	23	23	23			
Honduras	10	9	9	8	7	7	7	6	70	70	72	71	72	71	70	71	5	5	6	6	8	8	8	8	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
Jamaica	1	1	1	1	1	1	1	1	7	7	7	7	7	7	7	7	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
Mexico	1	1	1	1	1	1	1	1	42	38	35	33	31	27	25	23	5	4	4	4	4	4	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
Montserrat	–	–	–	–	–	–	–	–	13	13	13	10	13	10	12	8	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	2	
Netherlands Antilles	–	–	–	–	–	–	–	–	17	17	17	16	16	15	15	15	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Nicaragua	1	1	1	2	2	2	2	2	85	80	79	73	69	68	64	56	11	10	10	9	9	9	9	8	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
Panama	6	6	6	6	6	6	6	6	60	51	48	49	44	44	44	45	6	5	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
Paraguay	3	3	3	4	4	4	4	5	90	89	88	85	85	81	74	73	11	11	11	11	11	11	10	10	9	9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Peru	10	10	10	9	9	9	9	8	210	198	187	182	167	155	143	136	22	20	19	19	19	17	16	14	14	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
Puerto Rico	–	–	–	–	–	–	–	–	19	8	7	6	6	6	6	6	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
Saint Kitts & Nevis	–	–	–	–	–	–	–	–	15	13	12	14	13	15	14	12	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	2	
Saint Lucia	–	–	–	–	–	–	–	–	20	18	17	19	18	18	18	18	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	2	2
St Vincent & Grenadines	–	–	–	–	–	–	–	–	35	36	36	34	36	36	34	39	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
Suriname	10	11	13	15	18	21	24	27	115	113	113	120	126	136	146	155	14	14	14	15	15	16	17	18	4	4	5	6	7	8	9	7	8	9	10	10	10	10	10	10			
Trinidad & Tobago	2	2	2	2	2	2	2	2	15	16	15	15	15	15	15	15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Turks & Caicos Islands	–	–	–	–	–	–	–	–	16	23	23	22	22	22	18	17	1	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
Uruguay	–	–	–	–	–	–	–	–	19	18	18	17	17	16	16	16	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	2	2
US Virgin Islands	<1	<1	<1	<1	<1	<1	<1	<1	4	4	4	4	4	3	3	3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
USA	2	3	3	3	3	3	3	3	27	25	2																																

Table A3.6 DOTS coverage, case notifications and case detection rates, the Americas, 2007

	DOTS coverage %	TB cases reported from DOTS services										Estimated incidence and case detection rate										Proportions		
		New and relapse		New pulmonary		New extra-pulmonary		Other		Relapse		After failure		After default		Other retreat		New pulm. lab. confirm. number	DOTS case detection rate %	ss+ (% of pulm.)	ss+ (% of new+relapse)	Retreat (% of new+relapse)		
		number	rate	number	rate	number	rate	number	rate	number	rate	number	rate	number	rate	number	rate						number	rate
Anguilla	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Antigua & Barbuda	0	9 755	25	4 985	13	3 103	1 444	61	162	0	1	0	456	472	5 411	12 172	6 802	79	76	62	51	31	15	6
Argentina	100	46 14	32	10	6	7	0	1	0	1	0	0	1	0	38	146	602	31	52	84	70	15	6	
Bahamas	100	16	5	8	3	0	8	0	0	0	0	0	0	0	8	11	5	150	173	100	100	50	50	
Barbados	100	63	22	54	19	0	2	0	7	0	0	0	0	0	63	115	61	49	89	100	100	86	3	
Belize	100	63	22	54	19	0	2	0	7	0	0	0	0	0	63	115	61	49	89	100	100	86	3	
Bermuda	100	8 574	90	5 686	60	861	1 502	525	23	104	0	2 188	2 821	0	36 349	14 725	8 055	55	71	87	66	18	7	
Bolivia	75	66 759	35	34 211	18	20 566	9 318	0	2 664	217	2 188	2 821	0	0	0	92 102	49 354	70	69	62	51	14	11	
Brazil	0	1 476	4	463	1	2	0	0	0	0	0	0	29	42	808	1 669	741	84	62	51	31	33	7	
British Virgin Islands	100	1 476	4	463	1	2	0	0	0	0	0	0	29	42	808	1 669	741	84	62	51	31	33	7	
Canada	100	2 418	15	1 166	7	496	604	0	152	6	23	45	0	1 469	2 038	1 111	111	105	70	48	25	25	9	
Chile	70	10 950	24	7 188	6	1 636	1 703	0	423	0	0	0	0	8 093	16 333	8 889	64	81	81	66	16	16	4	
Colombia	100	550	12	322	7	110	91	0	27	1	14	0	0	322	491	268	106	120	75	59	59	17	7	
Costa Rica	100	702	7	432	4	184	98	0	48	8	3	0	0	432	724	397	99	109	70	57	13	13	8	
Cuba	100	3	4	3	4	0	0	0	0	0	0	0	0	3	9	5	33	61	74	100	100	100	100	
Dominica	85	4 150	43	2 373	24	830	593	0	354	13	196	0	0	2 414	6 764	3 618	36	66	88	71	10	10	16	
Dominican Republic	100	1 666	24	942	14	358	306	0	60	8	18	0	0	942	2 715	1 458	59	65	72	57	18	18	5	
Ecuador	0	2 620	20	1 838	14	376	272	0	134	18	45	0	0	2 818	8 479	4 582	29	40	83	70	10	10	7	
Guatemala	70	444	60	183	25	215	32	1	13	4	35	4	0	397	898	471	48	39	46	41	7	7	11	
Guyana	70	13 652	142	7 584	79	4 354	1 391	0	293	18	35	0	0	7 594	29 333	15 462	45	49	64	56	10	10	3	
Haiti	100	2 772	39	1 974	28	470	328	0	0	0	0	189	0	1 974	4 218	2 276	66	87	81	71	12	12	6	
Honduras	100	104	4	78	3	20	4	0	2	0	0	0	0	96	178	94	57	83	80	75	4	4	2	
Jamaica	96	18 324	17	11 531	11	3 213	2 869	0	711	101	485	359	116	11 682	21 283	11 604	83	99	78	63	16	16	9	
Mexico	100	2	34	1	17	1	0	0	0	0	0	0	0	1	14	6	0	432	50	50	50	50	50	
Montserrat	100	2 303	41	1 453	26	455	237	0	158	88	50	0	0	1 453	2 731	1 492	79	97	76	63	10	10	12	
Netherlands Antilles	99	1 596	48	833	25	470	242	0	51	7	50	120	0	833	1 586	851	97	98	64	52	15	15	13	
Nicaragua	90	1 845	30	1 114	18	499	146	4	82	1	32	32	58	1 118	3 570	1 934	49	58	69	60	8	8	8	
Paraguay	100	32 407	116	17 796	64	5 510	5 312	775	3 014	713	489	925	0	18 571	35 123	19 082	84	93	76	55	16	16	15	
Peru	100	98	2	56	1	29	13	0	0	0	0	0	0	85	161	72	61	77	66	57	13	13	13	
Puerto Rico	100	4	8	4	8	0	0	0	0	0	0	0	0	4	5	3	85	155	100	100	100	100	100	
Saint Kitts & Nevis	100	19	12	18	11	0	0	0	1	0	0	0	0	17	24	13	76	139	100	100	95	95	5	
Saint Lucia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Saint Vincent & the Grenadines	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Suriname	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Trinidad & Tobago	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Turks & Caicos Islands	100	607	18	380	11	132	57	0	38	2	0	7	0	420	745	399	76	95	74	63	9	9	8	
Uruguay	100	13 289	4	4 864	2	5 726	2 897	12	0	0	0	0	0	8 828	12 718	5 575	105	87	46	37	20	20	20	
USA	100	6 456	23	3 392	12	1 535	1 148	133	248	13	90	0	0	3 525	9 290	4 994	67	68	69	53	18	18	5	
Venezuela	100	208 419	23	114 307	13	62 053	31 389	986	9 684	1 327	4 059	5 076	688	119 082	294 636	157 225	67	73	69	55	15	15	9	

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, the Americas, 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 EOA	TB pts tested for HIV	2006		2007		Lab-confirmed MDR in new cases	DST	MDR	Re-treatment DST	Re-treatment MDR	2006		2007	
	smear	culture			DST	TB pts tested for HIV	TB pts HIV+ CPT	TB pts HIV+ ART						TB pts HIV+ CPT	TB pts HIV+ ART	Lab-confirmed MDR	DST
Anguilla	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Antigua & Barbuda	688	116	19	199	229	221	314	326	314	0	0	0	0	0	0	0	0
Argentina	3	1	2	2	61	33	43	43	13	0	3	0	35	0	2	0	0
Bahamas	1	1	2	2	5	2	8	8	2	2	2	8	8	0	0	0	0
Barbados	6	0	0	0	84	10	63	63	10	10	9	0	0	0	0	0	0
Belize	454	8	2	456	2	0	0	0	0	0	0	35	0	0	0	0	0
Bermuda	4,044	193	38	1,819	52,115	7,792	8,141	57,593	8,141	0	8,141	832	308	275	666	567	0
Bolivia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
British Virgin Islands	10	10	10	10	441	62	495	495	56	0	0	10	113	7	84	3	0
Canada	4	0	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0
Chile	285	50	1	195	61	61	61	61	0	0	0	0	0	0	0	0	0
Colombia	2,932	967	4	2,651	7,928	453	0	362	0	0	404	111	200	8	335	103	0
Costa Rica	98	27	1	82	345	27	82	345	41	0	0	1	1	1	2	0	0
Cuba	480	15	1	480	66	4	66	66	4	0	13	3	118	0	14	2	0
Dominica	2	0	0	0	4	0	4	4	0	0	0	0	0	0	0	0	0
Dominican Republic	182	6	1	161	1,771	218	1,771	1,771	322	0	0	275	140	10	576	265	0
Ecuador	310	10	1	310	0	392	0	1,993	150	0	0	1	457	0	81	1	0
El Salvador	200	10	1	198	1,631	176	22	1,566	206	107	77	0	0	0	0	0	0
Grenada	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0
Guatemala	181	11	1	35	960	142	0	426	53	0	23	0	0	0	0	0	0
Guayana	14	1	0	14	566	75	28	846	159	40	69	8	0	0	8	2	0
Haiti	247	0	0	0	5,996	1,584	0	8,464	1,937	684	238	39	0	0	0	39	0
Honduras	148	4	1	101	1,787	202	18	1,753	183	12	12	4	0	0	78	4	0
Jamaica	3	1	1	6	81	25	16	86	19	12	0	0	0	0	0	0	0
Mexico	1,153	56	14	555	1,047	540	0	1,550	561	0	0	0	0	0	0	0	0
Montserrat	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
Netherlands Antilles	177	3	1	1	0	0	0	0	0	0	0	8	200	8	237	0	0
Nicaragua	58	8	1	58	1,854	270	56	1,770	243	61	61	5	20	5	15	0	0
Panama	99	6	1	72	47	47	0	67	67	0	0	5	184	1	33	4	0
Paraguay	1,534	60	6	1,488	5,200	31	0	15,149	132	0	24	945	171	114	1,198	881	0
Peru	1	0	0	0	101	20	6	92	21	5	9	2	87	2	0	0	0
Puerto Rico	2	0	0	0	15	0	0	2	2	1	1	0	0	0	0	0	0
Saint Kitts & Nevis	1	1	1	1	20	5	2	18	7	7	5	0	0	0	0	0	0
Saint Lucia	1	1	1	1	20	5	2	18	7	7	5	0	0	0	0	0	0
St Vincent & Grenadines	1	1	1	1	20	5	2	18	7	7	5	0	0	0	0	0	0
Suriname	1	1	1	1	250	13	13	260	78	11	12	0	208	0	40	0	0
Trinidad & Tobago	1	1	1	1	8	0	0	8	0	0	0	1	392	0	33	1	0
Turks & Caicos Islands	1	1	1	1	539	81	0	564	87	0	19	1	0	0	0	0	0
Uruguay	8,234	960	0	0	8,142	882	0	8,142	882	0	0	119	9,274	98	479	19	0
US Virgin Islands	3,224	400	0	188	3,549	443	0	3,549	443	0	159	3	19	0	76	3	0
Venezuela	547	18	1	125	94,578	13,885	96	113,559	14,619	879	9,259	2,522	13,061	532	4,183	1,839	0
AMR	13 874	1 487	111	9 040	94 578	13 885	96	113 559	14 619	879	9 259	2 522	13 061	532	4 183	1 839	0

ART indicates antiretroviral therapy; CPT, co-trimoxazole preventive therapy; DST, drug susceptibility testing; EOA, 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, the Americas, 2006 cohort

	New smear-positive cases, DOTS							New smear-positive cases, non-DOTS							Smear-positive re-treatment cases, DOTS															
	Number of cases Notified	Registered	% of notif regist'd	Compl- Cured	Died	Failed	Trans- ferred	Not eval.	Success	%	Number of cases Notified	Registered	% of notif regist'd	Compl- Cured	Died	Failed	Trans- ferred	Not eval.	Success	%	Number Registered	Compl- Cured	Died	Failed	Trans- ferred	Not eval.	Success	%		
Anguilla	4 834	4 622	96	24	40	6	0	8	3	20	63										750	11	31	6	1	13	5	33	43	
Antigua & Barbuda	0	40	0	75	20	5	0	0	0	75											5	0	20	20	40	20	0	0	20	
Argentina	4	5	125	100	0	0	0	0	0	100											0	0	0	0	0	0	0	0	0	
Bahamas	60																													
Barbados																														
Belize																														
Bermuda	5 788	5 642	97	81	2	3	1	6	4	3	83										694	66	4	5	2	10	4	9	70	
Bolivia	32 463	34 818	107	33	39	4	0	8	3	12	72										4 955	15	28	6	2	16	11	23	43	
Brazil																					130	8	41	10	0	3	1	38	48	
British Virgin Islands	407	411	101	6	51	7	0	1	1	34	57										0	0	0	0	0	0	0	0	0	
Canada	1 533	1 142	74	85	7	0	7	0	0	0	86										100	47	19	10	2	14	1	7	66	
Chile	7 648	7 648	100	62	9	6	1	8	14	0	71										34	59	9	9	3	21	0	0	68	
Colombia	285	286	104	83	5	3	2	4	3	0	88										59	66	17	8	0	5	3	0	83	
Costa Rica	432	431	100	87	3	7	1	3	0	90											428	43	5	5	6	20	3	19	48	
Cuba	8	8	100	23	23	5	3	1	6	2	78										616	54	12	6	8	15	2	4	66	
Dominica	2 515	2 356	94	73	5	3	1	6	2	10	78										136	76	0	4	4	7	0	9	76	
Dominican Republic	913	913	100	90	1	4	2	3	0	0	91										0	0	0	0	0	0	0	0	0	
Ecuador	2 610	2 610	100	71	3	3	2	7	1	13	74										56	5	27	2	4	43	2	18	32	
El Salvador	2 501	2 501	100	42	4	3	1	4	1	44	47										269	58	6	9	6	13	5	3	64	
Grenada	239	224	94	4	63	4	1	25	3	0	68										572	572	100	1	1	0	0	0	99	1
Guatemala	6 873	6 873	100	74	8	5	1	7	3	1	82										55	56	102	4	45	4	38	11	0	48
Guyana	2 018	1 944	96	78	7	5	0	5	4	0	86										568	588	100	63	9	1	13	3	3	72
Haiti	61	61	100	8	33	18	0	39	2	0	41										273	273	100	14	47	8	18	3	9	62
Honduras	11 874	11 564	97	74	6	6	1	6	2	5	80										0	0	0	0	0	0	0	0	0	
Jamaica	0																				5	0	80	0	0	20	0	0	80	
Mexico	1 285	2 504	195	48	41	3	1	5	3	0	88										1 384	52	7	9	5	14	3	11	59	
Montserrat																					0	0	0	0	0	0	0	0	0	
Netherlands Antilles	858	853	99	66	13	6	1	12	1	0	79										616	54	12	6	8	15	2	4	66	
Nicaragua	1 179	1 179	100	54	30	5	2	3	1	15	78										196	76	0	4	4	7	0	9	76	
Panama	19 251	19 251	100	75	3	2	2	3	1	15	78										285	14	43	15	2	26	1	0	57	
Paraguay	69	69	100	80	0	19	0	1	0	0	80										142	49	22	4	0	8	1	16	71	
Puerto Rico	13	20	154	15	65	20	0	0	0	0	80										1 788	70	3	3	3	9	1	10	73	
Saint Kitts & Nevis	2	2	100	100	0	0	0	0	0	0	100										0	0	0	0	0	0	0	0	0	
Saint Lucia	8																				0	0	0	0	0	0	0	0	0	
St Vincent & Grenadines	7																				63	8	25	50	0	13	13	0	75	
Suriname	305	301	99	82	5	9	0	3	1	0	87										149	169	113	53	4	12	1	30	0	57
Trinidad & Tobago	5 091	5 140	101	64	9	2	3	1	0	0	87										38	74	3	11	0	11	0	3	76	
Turks & Caicos Islands	3 547	3 497	99	82	0	5	0	11	2	0	82										257	77	0	8	1	11	3	0	77	
Uruguay																														
US Virgin Islands																														
Venezuela																														
AMR	114 680	116 925	102	55	20	4	1	6	3	10	75									10 509	15 153	144	26	46	4	0	10	3	10	72

Not eval. indicates not evaluated (percentage of registered cases for which outcomes were not recorded); success, sum of cured and complete; cases registered is not reported, then the number of cases registered 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, the Americas, 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						
Anguilla																											
Antigua & Barbuda																											
Argentina	100	31	40	15	0	7	0	7	71																		
Bahamas	1	0	100	0	0	0	0	100																			
Barbados	0																										
Belize																											
Bermuda																											
Bolivia																											
Brazil	2 056	25	26	5	1	9	11	23	51																		
British Virgin Islands																											
Canada	76	11	42	8	0	3	0	37	53																		
Cayman Islands	0																										
Chile	100	47	19	10	2	14	1	7	66																		
Colombia																											
Costa Rica	18	72	11	11		6		0	83																		
Cuba	54	69	19	9		4		4	87																		
Dominica																											
Dominican Republic	238	51	5	5	6	11	1	20	57																		
Ecuador	338	67	8	4	8	11	1	74																			
El Salvador	101	80	0	5	2	6	0	7	80																		
Grenada																											
Guatemala	26	4	27	4	4	19	4	38	31																		
Guyana	234	58	6	10	5	12	6	4	64																		
Haiti																											
Honduras																											
Jamaica	2	0	100	0	0	0	0	0	100																		
Mexico	572	57	7	8	5	11	2	10	64																		
Montserrat																											
Netherlands Antilles																											
Nicaragua	0																										
Panama	61	43	23	13	7	15		0	66																		
Paraguay	66	52	27	2	2	8		12	79																		
Peru	1 520	74	2	3	3	7	1	9	76																		
Puerto Rico	0																										
Saint Kitts & Nevis																											
Saint Lucia																											
St Vincent & Grenadines																											
Suriname																											
Trinidad & Tobago																											
Turks & Caicos Islands																											
Uruguay	31	77	3	13	0	6	0	0	81																		
US Virgin Islands																											
USA	257	77	0	8	1	11	3	0	77																		
Venezuela																											
AMR	5 851	50	14	5	3	9	5	14	64	410	20	8	7	18	8	6	33	27	2 699	27	14	6	2	26	9	16	41

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 A3.10 DOTS treatment success and case detection rates, the Americas, 1994–2007

	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	2006	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	
Anguilla																												
Antigua & Barbuda																												
Argentina																												
Bahamas																												
Barbados																												
Belize																												
Bermuda																												
Bolivia																												
Brazil																												
British Virgin Islands																												
Canada																												
Cayman Islands																												
Chile																												
Colombia																												
Costa Rica																												
Cuba																												
Dominica																												
Dominican Republic																												
Ecuador																												
El Salvador																												
Grenada																												
Guatemala																												
Guyana																												
Haiti																												
Honduras																												
Jamaica																												
Mexico																												
Montserrat																												
Netherlands Antilles																												
Nicaragua																												
Panama																												
Paraguay																												
Peru																												
Puerto Rico																												
Saint Kitts & Nevis																												
Saint Lucia																												
St Vincent & Grenadines																												
Suriname																												
Trinidad & Tobago																												
Turks & Caicos Islands																												
Uruguay																												
US Virgin Islands																												
USA																												
Venezuela																												
AMR	76	78	83	82	81	83	81	82	83	83	82	78	75	26	26	26	29	33	36	43	42	45	49	57	62	72	73	

Treatment success, sum of cured and completed; DOTS new smear-positive case detection rate, notified new smear-positive cases divided by estimated incident 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 A3.11 New smear-positive case notification by age and sex, DOTS and non-DOTS, the Americas, 2007

	Male					Female					All					Male/female ratio				
	0-14	15-24	25-34	35-44	55-64	65+	0-14	15-24	25-34	35-44	55-64	65+	0-14	15-24	25-34		35-44	45-54	55-64	65+
Anguilla	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Antigua & Barbuda	77	656	623	401	415	389	324	70	569	500	246	246	0	147	1 214	1 123	647	632	561	570
Argentina	0	3	3	9	4	1	0	0	3	4	3	1	0	0	6	7	12	5	2	0
Bahamas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Barbados	1	6	8	8	7	6	3	0	0	2	5	2	3	1	14	10	13	9	8	6
Belize	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bermuda	116	1 100	604	379	348	328	354	125	736	453	243	193	162	241	1 636	1 067	622	541	490	613
Bolivia	371	4 399	5 990	5 456	4 878	2 726	2 075	344	2 952	3 250	2 327	1 727	977	715	7 351	9 240	7 783	6 605	3 703	3 047
Brazil	5	31	41	51	50	35	75	2	32	33	33	11	13	7	63	74	84	61	48	126
British Virgin Islands	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Canada	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cayman Islands	3	86	137	140	169	139	121	8	59	75	63	49	39	78	145	212	210	218	178	189
Chile	144	618	704	694	712	574	786	138	599	620	459	393	286	282	1 217	1 324	1 153	1 105	860	1 247
Colombia	4	44	57	28	32	17	31	3	16	24	19	16	16	7	60	81	47	48	33	46
Costa Rica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cuba	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dominica	23	290	403	362	209	108	85	29	249	242	174	103	53	43	52	539	645	536	312	161
Dominican Republic	42	555	466	367	282	178	227	57	365	335	198	133	100	123	99	920	821	565	415	276
Ecuador	8	79	179	110	73	62	95	4	63	85	50	45	33	56	12	142	264	160	116	95
El Salvador	74	169	207	226	203	159	155	183	163	246	145	153	143	122	257	332	453	371	356	302
Grenada	2	15	43	44	41	12	8	1	20	19	17	5	3	3	3	35	62	61	46	15
Guatemala	104	1 166	1 199	760	471	219	192	147	1 261	1 107	632	344	162	131	251	2 427	2 306	1 392	815	401
Guyana	21	204	293	194	158	123	180	29	185	175	110	106	84	112	50	389	468	304	264	207
Haiti	12	10	7	17	7	3	3	2	5	2	6	2	2	2	2	17	12	13	19	9
Honduras	145	981	1 286	1 266	942	1 226	1 226	140	645	742	694	748	642	768	285	1 626	2 028	1 980	2 014	1 584
Jamaica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mexico	16	172	194	144	130	77	91	27	158	168	100	76	45	55	43	330	362	244	206	122
Montserrat	7	106	139	116	81	50	61	7	56	74	59	33	21	23	14	162	213	175	114	71
Netherlands Antilles	14	171	221	152	135	94	100	15	100	98	46	34	47	47	29	271	319	198	181	128
Nicaragua	395	3 436	2 239	1 585	1 152	654	702	335	2 684	1 603	1 127	813	402	669	730	6 120	3 842	2 712	1 965	1 056
Panama	0	6	2	9	8	10	6	0	0	2	4	7	1	1	0	6	4	13	15	11
Paraguay	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1
Puerto Rico	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Saint Kitts & Nevis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Saint Lucia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
St Vincent & Grenadines	1	10	16	21	28	18	5	0	5	7	7	4	3	5	1	15	23	28	32	21
Suriname	1	39	69	37	50	39	39	1	23	26	22	14	7	13	2	62	95	59	64	46
Turks & Caicos Islands	12	414	480	572	744	533	562	12	257	338	260	225	135	308	24	671	828	832	969	668
Uruguay	17	324	382	390	389	272	295	40	276	271	199	160	147	230	57	600	653	589	549	419
USA	1 603	15 093	16 030	13 556	12 060	7 781	7 805	1 719	11 479	10 501	7 248	5 630	3 707	4 819	3 322	26 872	26 531	20 804	17 690	11 488
Venezuela																				
AMR																				

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

Table A3.12 New smear-positive case notification rates by age and sex, DOTS and non-DOTS, the Americas, 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+	
Anguilla																						
Antigua & Barbuda																						
Argentina	1	19	20	17	21	25	20	1	17	16	10	10	10	10	1	18	18	13	15	17	14	
Bahamas	0	10	12	37	22	9	0	0	10	15	12	5	8	0	0	10	13	24	13	9	0	
Barbados	0	0	0	0	22	0	0	0	0	0	0	12	0	0	0	0	0	0	17	0	0	
Belize	2	20	34	50	66	99	52	0	28	9	31	19	34	48	1	24	21	40	43	67	50	
Bermuda																						
Bolivia	6	116	86	74	98	141	181	7	80	64	46	51	63	106	7	98	75	60	74	100	139	
Brazil	1	25	38	42	49	45	39	1	17	20	17	16	14	14	1	21	29	29	32	29	25	
Canada																						
Cayman Islands	0	1	2	2	2	2	4	0	1	1	1	0	1	2	0	1	2	2	1	1	3	
Chile	0	6	11	11	16	21	20	0	4	6	5	5	6	10	0	5	9	8	10	13	14	
Colombia	2	14	19	22	31	42	74	2	14	17	14	16	18	33	2	14	16	18	23	29	51	
Costa Rica	1	10	16	9	13	12	25	1	4	7	6	7	11	10	1	7	11	8	10	12	17	
Cuba																						
Dominica	1	32	54	59	47	39	31	2	28	32	28	23	19	15	2	30	43	43	35	29	23	
Dominican Republic	2	43	47	45	46	46	59	3	29	33	24	21	25	28	2	36	40	34	33	35	42	
Ecuador	1	12	30	29	30	35	57	0	10	14	12	15	17	25	1	11	22	20	22	25	39	
El Salvador																						
Grenada																						
Guatemala	3	13	24	43	54	57	56	7	12	25	23	36	47	40	5	12	25	32	44	52	48	
Guatemala	2	26	85	75	87	41	37	1	33	38	35	13	14	13	1	30	62	57	53	29	25	
Guyana	6	112	172	162	140	105	104	8	122	150	126	95	77	59	7	117	161	143	116	90	79	
Haiti																						
Honduras	1	27	57	58	67	87	130	2	24	32	30	43	57	70	2	26	44	43	55	71	98	
Jamaica	1	5	5	4	14	9	3	0	2	1	3	1	3	3	0	3	3	4	7	6	3	
Mexico	1	11	15	18	25	29	42	1	6	8	9	14	19	22	1	8	11	14	19	24	31	
Montserrat																						
Montserrat																						
Nicaragua	2	28	46	50	65	65	83	3	26	37	33	38	39	45	2	27	41	41	50	52	63	
Nicaragua	1	35	52	49	49	46	61	1	19	28	25	20	19	21	1	27	40	37	35	33	40	
Paraguay	1	27	48	45	51	56	71	1	16	22	14	18	21	29	1	21	35	30	35	39	49	
Peru	9	125	98	91	91	80	96	8	100	71	63	63	48	76	9	112	84	77	77	64	85	
Puerto Rico																						
Puerto Rico	0	2	1	4	4	5	3	0	0	1	1	3	0	0	0	1	1	2	3	3	1	
Saint Kitts & Nevis																						
Saint Kitts & Nevis																						
Saint Lucia																						
Saint Lucia	0	0	10	37	0	32	0	0	0	0	0	0	0	0	0	0	5	19	0	15	0	
Grenadines																						
Grenadines	1	7	14	22	36	38	13	0	4	6	7	5	6	10	0	5	10	14	19	21	11	
Trinidad & Tobago																						
Trinidad & Tobago	0	15	29	18	27	27	22	0	9	11	10	7	4	5	0	12	20	14	16	15	11	
Uruguay																						
Uruguay	0	2	2	3	3	3	4	0	1	2	1	1	1	1	0	2	2	2	2	2	2	
USA	0	12	17	22	29	31	45	1	11	12	11	12	17	30	1	11	15	16	20	24	36	
Venezuela																						
Venezuela	1	20	23	22	23	22	23	1	15	15	12	10	10	11	1	17	19	17	16	16	16	

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

Table A3.13 TB case notifications, the Americas, 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	
Anguilla	0	0	4	0	0	0	1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
Antigua & Barbuda	8	3	0	1	3	2	7	0	3	3	1	0	6	0	0	0	0	3	4	3	4	4	1	4	1	6	4	2	2
Argentina	16 406	16 693	17 292	17 205	16 359	15 987	14 881	13 368	13 267	12 636	12 309	12 185	12 606	13 887	13 683	13 450	13 397	12 621	12 276	11 871	11 767	11 456	11 548	10 728	10 619	9 770	9 406	9 755	9 755
Bahamas	70	67	54	58	53	63	52	43	51	52	46	53	63	60	78	57	59	88	75	76	82	6	44	38	53	63	46	16	46
Barbados	64	30	30	17	14	12	7	3	4	5	5	5	6	6	5	3	3	3	5	7	2	3	6	5	19	9	5	16	16
Belize	21	33	44	140	35	25	23	3	28	30	57	89	65	80	59	95	99	107	123	104	106	136	135	99	83	102	85	63	63
Bermuda	1	2	5	10	3	6	6	2	1	2	0	3	4	0	0	0	0	0	0	0	0	0	0	0	6	3	3	3	3
Bolivia	4 412	5 072	4 777	5 178	4 131	7 679	8 960	8 664	10 664	12 563	11 166	11 223	9 620	8 614	9 431	14 422	10 194	9 853	10 132	9 863	10 127	10 531	10 201	9 836	9 801	9 748	9 014	8 574	8 574
Brazil	72 608	86 411	87 822	86 310	83 731	81 826	82 395	80 048	82 395	80 048	74 570	84 990	85 955	75 659	75 659	91 013	87 254	83 309	85 009	78 879	77 899	74 466	81 436	80 114	86 881	80 209	77 632	74 757	74 757
British Virgin Islands	2 762	2 526	2 473	2 355	2 356	2 144	2 145	1 972	1 947	2 035	1 968	2 012	2 107	2 011	2 066	1 921	1 849	1 969	1 773	1 791	1 667	1 657	1 602	1 574	1 533	1 484	1 434	1 476	1 476
Cayman Islands	0	2	0	1	1	4	1	0	0	2	2	3	3	2	2	2	2	0	3	2	2	0	0	1	0	1	0	0	0
Chile	8 523	7 337	6 941	6 989	6 861	6 644	6 644	6 280	6 324	6 728	6 151	5 498	5 304	4 898	4 138	4 150	4 178	3 860	3 652	3 429	3 021	3 006	2 448	2 226	2 664	2 134	2 466	2 418	2 418
Colombia	11 569	11 483	12 126	13 716	12 792	12 024	11 639	11 437	11 469	11 329	12 447	12 263	11 199	11 043	9 901	9 912	9 702	8 042	9 155	10 999	11 630	11 480	11 242	10 610	11 242	10 360	11 128	10 950	10 950
Costa Rica	306	521	459	479	393	376	418	434	442	311	230	201	118	313	325	586	636	692	730	851	685	630	543	527	712	534	488	550	550
Cuba	1 133	833	815	762	705	680	666	630	628	661	546	514	410	790	1 681	1 563	1 485	1 346	1 234	1 135	1 183	928	898	840	764	770	765	762	762
Dominica	20	26	18	16	5	8	95	27	7	13	14	14	13	7	12	10	10	6	5	5	2	2	2	2	2	19	19	19	19
Dominican Republic	2 174	1 778	2 457	2 959	3 100	2 335	2 634	2 459	3 081	3 145	2 597	1 937	3 490	4 033	4 337	4 053	3 302	3 381	5 114	5 767	5 291	4 766	4 040	4 696	4 549	5 003	4 561	4 150	4 150
Ecuador	3 950	3 966	3 860	3 865	4 301	4 796	5 687	5 867	5 487	5 480	8 243	6 879	7 313	7 050	6 685	7 863	8 387	9 435	7 164	5 756	6 908	6 015	5 629	6 442	6 122	4 416	4 594	4 877	4 877
El Salvador	2 295	2 091	2 171	2 053	1 964	1 461	1 659	1 647	2 378	617	2 367	2 304	2 495	3 347	3 901	2 422	1 666	1 662	1 700	1 623	1 486	1 458	1 363	1 406	1 406	1 794	1 644	1 666	1 666
Guatemala	17	1	1	6	4	2	1	2	0	4	0	1	3	0	3	4	0	0	2	2	5	0	1	2	2	2	1	1	3
Guinea	5 624	6 641	7 277	6 013	6 886	6 570	4 806	5 700	5 739	4 900	3 813	2 631	2 517	2 474	2 508	3 119	3 232	2 948	2 755	2 820	2 913	2 419	2 909	2 842	3 313	3 365	3 626	3 140	3 140
Guyana	124	117	135	149	165	215	190	117	150	120	168	134	182	91	266	296	314	407	318	407	318	422	422	590	631	603	699	710	594
Haiti	8 306	6 550	3 337	6 839	5 603	4 959	8 583	8 514	8 054	8 100	10 237	10 237	10 237	10 237	10 237	6 212	6 632	10 116	9 770	9 124	10 420	10 224	12 066	14 004	14 533	14 311	13 959	14 133	14 133
Honduras	1 674	1 696	1 714	1 935	2 120	3 377	4 213	4 227	3 962	4 026	3 647	4 560	4 155	3 745	4 291	4 984	4 176	4 030	4 916	4 568	6 406	5 048	4 485	3 858	3 594	3 333	3 197	2 772	2 772
Jamaica	176	178	153	157	160	130	88	133	65	86	123	121	111	115	109	109	121	118	121	115	127	115	106	120	116	90	95	104	104
Mexico	31 247	32 572	24 853	22 795	14 531	15 017	13 180	14 631	15 371	15 489	14 437	15 216	14 446	15 145	16 353	11 329	20 722	23 575	21 514	19 802	18 434	18 879	17 790	17 078	15 101	18 524	17 887	18 324	18 324
Montserrat	1	0	0	1	7	9	5	13	6	5	1	1	0	0	0	0	0	0	1	2	0	0	0	1	0	1	0	0	2
Netherlands Antilles	1 300	3 723	3 082	2 773	2 705	2 604	2 617	2 983	2 737	3 106	2 944	2 797	2 885	2 798	2 750	2 842	3 003	2 806	2 604	2 588	2 402	2 447	2 092	2 283	2 220	1 907	1 987	2 303	2 303
Nicaragua	643	580	560	429	413	614	709	765	770	672	846	863	750	1 146	827	1 300	1 314	1 473	1 422	1 387	1 169	1 711	1 575	1 620	1 701	1 637	1 636	1 586	1 586
Panama	1 354	1 388	1 415	1 800	1 718	1 931	1 628	1 502	1 438	2 270	2 167	2 283	1 927	2 037	1 850	2 072	2 072	1 946	1 831	2 115	1 950	2 073	2 107	2 175	2 298	2 075	2 447	2 269	2 269
Paraguay	16 011	21 925	21 579	22 753	22 792	24 438	24 702	30 571	36 908	35 687	37 905	40 580	52 552	51 675	48 601	45 310	41 739	42 062	43 723	40 345	38 661	37 197	36 092	31 273	33 082	33 421	34 311	32 407	32 407
Peru	686	521	473	452	418	338	363	303	303	314	159	241	256	274	262	282	222	257	201	200	174	121	129	115	123	113	112	98	98
Puerto Rico	7	4	6	2	3	0	0	0	0	0	0	0	4	6	2	5	3	12	5	3	0	2	3	1	2	0	1	4	4
Saint Kitts & Nevis	41	39	37	48	55	21	34	25	32	28	13	25	26	10	24	11	35	22	20	16	9	15	17	14	15	14	15	19	19
Saint Lucia	78	11	14	4	23	14	9	3	6	3	2	1	4	13	0	13	6	6	8	8	9	16	10	10	14	8	7	13	12
St Vincent & Grenadines	78	81	56	78	76	50	60	77	77	70	82	47	58	45	53	53	53	76	85	95	89	75	97	95	97	117	127	127	127
Suriname	80	82	62	112	108	112	119	122	108	124	120	141	142	112	129	166	204	260	199	159	198	206	133	147	178	166	232	218	218
Trinidad & Tobago	2	0	2	5	0	4	2	12	10	10	0	0	0	0	0	0	0	0	0	17	0	3	3	6	7	7	7	7	7
Turks & Caicos Islands	1 874	1 689	1 450	1 359	1 389	1 201	1 082	1 023	951	987	886	759	699	689	686	625	701	708	668	627	645	689	536	643	727	622	557	607	607
Uruguay	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
US Virgin Islands	27 749	27 373	25 520	23 846	22 255	22 201	22 768	22 517	22 436	23 495	25 701	26 283	26 673	25 107	24 205	22 728	21 210	19 751	18 287	17 501	16 310	15 945	15 066	14 838	14 502	14 080	13 779	13 289	13 289
USA	4 233	4 093	4 159	4 206	4 737	4 822	4 974	4 954	4 557	4 524	5 457	5 216	5 444	5 169	4 877														

Table A3.14 TB case notification rates, the Americas, 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	
Anguilla	0	0	57	0	0	14	0	0	0	0	0	0	0	0	19	0	0	0	0	0	0	0	0	0	0	0	0	0	
Antigua & Barbuda	11	4	0	1	4	3	11	0	5	2	0	2	0	38	41	40	39	38	35	34	33	32	31	31	28	28	25	24	
Argentina	58	59	60	59	55	53	48	43	42	39	38	37	38	41	40	39	38	35	34	33	32	31	31	28	28	25	24	25	
Bahamas	33	31	25	26	23	27	22	18	21	21	18	20	24	22	28	20	21	30	25	25	27	27	14	12	17	14	14	14	
Barbados	28	1	12	7	5	5	3	1	1	2	2	2	2	2	2	1	1	2	2	1	2	2	2	2	7	7	2	5	
Belize	15	22	29	91	22	15	14	24	16	17	31	47	33	40	28	44	45	47	53	44	43	54	53	38	31	37	30	22	
Bermuda	2	4	9	18	5	5	10	3	2	3	0	5	7	7	7	7	0	6	0	0	0	0	0	0	0	0	0	5	
Bolivia	82	93	85	91	71	129	112	144	167	193	167	136	136	120	129	133	133	126	121	122	124	118	111	109	106	96	90		
Brazil	60	69	69	66	62	60	58	57	54	50	56	56	56	56	56	53	50	56	56	46	45	42	45	44	47	43	41	39	
British Virgin Islands																													
Canada	11	10	10	9	9	8	8	7	7	7	7	7	7	7	7	7	6	6	6	6	5	5	5	5	5	5	4	4	
Cayman Islands	0	11	0	5	5	5	19	5	0	0	8	11	7	7	7	6	0	0	8	2	5	12	2	0	0	2	0	2	
Chile	76	65	60	60	55	55	56	50	50	52	47	41	39	33	29	29	29	26	24	23	20	19	16	14	17	13	15	15	
Colombia	41	40	41	45	41	38	36	35	34	33	36	34	31	30	24	26	25	20	23	27	28	27	26	27	23	24	24	24	
Costa Rica	17	22	18	19	15	14	15	15	10	7	6	4	9	10	17	18	19	19	19	22	15	16	13	13	17	12	11	12	
Cuba	8	8	8	8	7	7	6	6	6	5	5	4	4	7	15	14	13	12	11	10	11	8	8	7	7	7	7	7	
Dominica	27	35	25	22	7	11	49	38	10	19	9	20	19	10	17	12	15	9	7	6	6	6	6	6	6	6	6	4	
Dominican Republic	57	29	40	42	48	35	39	36	44	44	36	25	46	52	55	51	77	68	61	67	61	54	45	51	49	53	47	43	
Ecuador	50	46	46	46	49	53	61	61	56	55	80	65	66	64	67	69	72	80	60	47	56	48	46	50	47	34	35	37	
El Salvador	49	45	46	44	33	31	34	34	46	42	46	44	47	62	71	43	28	28	26	27	24	23	24	21	21	27	24	24	
Grenada	19	1	1	6	4	2	1	2	1	0	4	0	1	3	0	3	4	0	2	2	5	0	1	2	2	2	1	3	
Guatemala	80	92	99	80	85	83	59	69	67	56	43	29	27	26	26	31	32	28	26	26	26	21	25	22	27	26	28	24	
Guyana	16	15	18	20	22	29	25	16	20	16	23	18	25	12	36	40	42	55	43	55	57	57	60	66	82	66	60	80	
Haiti	148	113	56	112	93	78	131	128	118	116	116	141	138	124	118	122	117	136	156	159	154	148	147	147	147	147	147	147	
Honduras	46	45	44	49	52	80	97	94	86	85	75	91	80	71	79	89	73	69	83	75	103	80	70	59	54	49	46	39	
Jamaica	8	8	7	7	7	6	4	6	3	4	5	5	5	4	4	5	5	5	5	4	5	5	4	5	4	3	4	4	
Mexico	45	46	34	31	19	20	17	18	19	19	17	18	17	17	18	12	22	25	22	20	18	19	17	17	15	18	17	17	
Montserrat	8	0	0	9	61	80	45	118	55	46	9	9	0	0	0	0	0	15	35	0	0	0	0	20	0	18	0	34	
Netherlands Antilles																													
Nicaragua	40	111	90	78	75	70	69	77	69	77	71	66	66	63	60	61	63	58	53	51	47	47	40	43	41	35	36	41	
Panama	33	29	28	21	19	28	32	34	33	28	35	35	30	45	32	49	48	53	50	48	40	57	51	52	54	51	50	48	
Paraguay	42	42	42	52	48	52	43	38	36	55	51	52	43	44	39	36	42	39	36	40	36	38	38	40	35	41	37	41	
Peru	92	123	119	122	119	125	124	150	177	167	174	183	232	224	207	190	172	171	175	159	151	143	137	117	123	124	116	116	
Puerto Rico	21	16	14	14	12	10	11	9	8	9	5	7	7	7	7	7	6	7	5	5	5	5	3	3	3	3	3	2	
Saint Kitts & Nevis	16	9	14	5	7	0	0	0	0	0	0	2	10	14	5	12	7	27	11	7	0	4	6	2	4	0	2	8	
Saint Lucia	35	33	30	39	44	17	26	19	24	21	9	18	18	17	17	8	24	15	13	11	6	10	11	9	9	9	12	8	
St Vincent & Grenadines	78	11	14	4	22	13	9	3	6	3	2	1	4	12	0	12	5	5	7	8	14	9	9	12	7	6	11	10	
Suriname	22	23	15	21	20	13	15	20	19	18	20	12	14	11	13	13	18	20	22	20	22	20	17	22	21	22	26	28	
Trinidad & Tobago	7	7	6	10	9	10	10	10	10	9	10	10	11	9	10	13	16	20	15	12	15	16	10	11	13	13	17	16	
Turks & Caicos Islands	27	0	24	58	0	42	20	117	0	42	28	24	22	22	0	19	22	22	20	19	19	21	16	19	22	19	17	18	
Uruguay	64	59	49	46	46	40	36	34	31	32	28	24	22	22	21	19	22	22	20	19	19	21	16	19	22	19	17	18	
US Virgin Islands	0	9	1	2	3	1	1	2	6	6	4	4	4	4	9	8	7	6	7	7	6	6	5	5	5	5	5	4	
USA	12	12	11	10	9	9	9	9	9	9	10	10	10	9	9	8	6	7	7	6	6	6	6	5	5	5	5	4	
Venezuela	28	26	26	26	28	28	27	24	24	24	28	26	26	24	23	23	23	26	27	28	26	25	24	26	26	26	25	23	
AMR	37	39	37	37	34	34	33	34	34	33	32	34	34	34	33	32	32	32	32	32	29	28	27	27	26	27	26	25	24

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), the Americas, 2009

	NTP budget	Available funding			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)				
Anguilla	0.03	0.02	0	0	0		0.03	N
Antigua & Barbuda	4.0	2.3	1.7	0	0		4.0	C
Bahamas	0	0	0	0	0		0	N
Barbados								N
Belize								N
Bermuda	0	0.9	0	0	<0.01		0	P
Bolivia	64	50	0.6	1.5	0	28	92	C
British Virgin Islands					11			N
Canada	63	63	0	0	0		63	C
Cayman Islands								P
Chile	5.6	4.8	0	0	0.7	1.7	7.2	N
Colombia								C
Costa Rica								N
Cuba								N
Dominica	12	1.2	0	<0.01	5.4	1.3	14	N
Dominican Republic	20	7.6	0	2.0	10	0.9	21	N
Ecuador	8.3	3.9	0	0	4.4	0.7	9.0	C
El Salvador								C
Grenada	6.2	0.7	0	0.1	3.8	2.8	9.0	N
Guatemala	0	0	0	0	<0.01		0	C
Guyana	0	0.6	0	0	1.7	0.9	12	P
Haiti	11	1.2	0	0.01	0	0.7	3.6	C
Honduras	2.9	0	0	0	1.7	0.7	0.7	C
Jamaica	0.02	0	0	0	0.02	24	28	P
Jamaica	4.1	4.1	0	0	0			C
Mexico								C
Montserrat								N
Netherlands Antilles								N
Nicaragua	0.3	0.2	0	0	0	1.3	1.5	C
Panama	2.4	0.7	0	0	<0.01	1.2	3.6	N
Paraguay	57	29	0	18	10	4.8	62	C
Puerto Rico	2.1	1.2	0	0.9	<0.01		2.1	C
Saint Kitts & Nevis								N
Saint Lucia								N
St Vincent & Grenadines								N
Suriname								N
Trinidad & Tobago	7.9	7.9	0	0	0	0.9	8.8	C
Turks & Caicos Islands								N
Uruguay								N
US Virgin Islands								N
USA	146	0	0	0	0		146	P
Venezuela								N
AMR	417	180	2.3	21	44	70	487	39%

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

Cuba

TABLE A3.11: breakdown of notified cases differs from WHO convention. In 2007, breakdown of the 432 notified new smear-positive cases is as follows: 0–14 years, no cases; 15–24 years, 38 cases; 25–59 years, 282 cases; 60–64 years, 21 cases; 65 years+, 91 cases.

USA

In addition to the 51 reporting areas, the United States includes 8 territories (American Samoa, Federated States of Micronesia, Guam, Marshall Islands, Northern Mariana Islands, Puerto Rico, Republic of Palau, US Virgin Islands) that report separately to WHO. The data for these 8 territories are not included with the data for the USA.

Definitions of case types and outcomes do not exactly match those used by WHO.

One state reporting area (representing approximately 20% of TB cases in 2007 and 12% of the population of the USA) did not provide data on HIV testing.