

Summary by WHO region ...

Africa ...

**The Americas ...**

Eastern Mediterranean...

Europe ...

South-East Asia ...

Western Pacific ...

# The Americas

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

Anguilla	
Antigua & Barbuda	James Knight; Janet Samuel
Argentina	Elsa Zerbini
Bahamas	
Barbados	
Belize	Ines Mendez-Moguel; Paul Edwards
Bermuda	
Bolivia	Mirtha Camacho
Brazil	Joseney Raimundo Pires dos Santos; Stefano Barbosa Codenotti
British Virgin Islands	Ronald Georges
Canada	Edward Ellis; Derek Scholten; Victor Galant
Cayman Islands	
Chile	Manuel Zuñiga Gajardo; Zulema Torres Gaete
Colombia	Lenis Enrique Urquijo Velasquez; Ernesto Moreno Naranjo
Costa Rica	Zeidy Mata
Cuba	María Josefa Llanes Cordero
Dominica	
Dominican Republic	Juan José Cordero; Belkys Marcelino
Ecuador	Elizabeth Romero Ayala; Rocío Morales
El Salvador	Julio Garay Ramos; Mario Rafael Soto Villalta; Marta De Abrego
Grenada	
Guatemala	Edwin Antonio Quiñonez Villatoro
Guyana	Jeetendra Mohanlall
Haiti	Richard D'Meza
Honduras	Jacobo I. Argüello; Anna Reyes
Jamaica	Eva-Lewis-Fuller; Sydney Erwin
Mexico	Elizabeth Ferreira Guerrero
Montserrat	Violet Brown
Netherlands Antilles	
Nicaragua	Alejandro A. Tardencilla Gutiérrez
Panama	Cecilia Lyons de Arango; C. Torres; J. Bravo ; A. Marrero
Paraguay	Juan Carlos Jara Rodríguez; Mirian Alvarez
Peru	Cesar Antonio Bonilla Asalde; Rula Aylas Salcedo; Claudia Pacheco Rivera
Puerto Rico	Ada S. Martinez; María del Carmen Bermúdez
Saint Kitts & Nevis	Dianne Francis-Delaney; William Turner
Saint Lucia	Alina Montane Jaime; Leona Casimir Gauland
St Vincent & Grenadines	Roger Duncan; Anneke Wilson
Suriname	Roel Mahabier
Trinidad & Tobago	Dottin Ramoutar; Leilawat Mohammed
Turks & Caicos Islands	
Uruguay	Jorge Rodriguez de Marco
US Virgin Islands	
USA	Kenneth Castro; Sandy Althomsons
Venezuela	Mercedes España Cedeño; Andrea Maldonado Saavedra

**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.**

**THE AMERICAS: 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	
ANGUILLA	0																											
ANTIGUA & BARBUDA	100	▲▲	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
ARGENTINA	100	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
BAHAMAS	0																											
BARBADOS	0																											
BELIZE	100	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
BERMUDA	0																											
BOLIVIA	47	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
BRAZIL	68	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
BRITISH VIRGIN ISLANDS	100	▲▲	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
CANADA	100	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
CAYMAN ISLANDS	0																											
CHILE	100	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
COLOMBIA	50	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
COSTA RICA	100	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
CUBA	100	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
DOMINICA	0																											
DOMINICAN REPUBLIC	80	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
ECUADOR	70	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
EL SALVADOR	100	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
GUATEMALA	100	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
GOYANA	50	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
HAITI	55	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
HONDURAS	100	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
JAMAICA	100	▲	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
MEXICO	100	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
MONTSERRAT	100	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
NETHERLANDS ANTILLES	0																											
NICARAGUA	70	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
PANAMA	100	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
PARAGUAY	54	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
PERU	100	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
PUERTO RICO	100	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
SAINT KITTS & NEVIS	100	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
SAINT LUCIA	100	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
ST VINCENT & GRENADINES	100	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
SURINAME	0	▲	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
TRINIDAD & TOBAGO	0	▲	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
TURKS & CAICOS ISLANDS	0																											
URUGUAY	100	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
US VIRGIN ISLANDS	0																											
USA	100	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
VENEZUELA	100	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
AMR	88	68	73	73	61	66	73	48	70	68	57	64	45	48	45	57	34	30	59	59	27	39	34	43	66	43	21	

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 ■ No/none □ Not applicable. See explanatory notes on page 163 for details of colour-coding.

Table A2.1 Estimated burden of TB, the Americas, 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*		TB mortality		All forms HIV+		Smear-positive*		All forms*		All forms HIV+		TB mortality		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		
Anguilla	3	31	1	14	4	49	5	5	3	25	—	—	—	—	1	11	—	—	—	—	—	—	—	—	—	—
Antigua & Barbuda	5	8	2	4	9	13	5	1	5	7	—	—	—	—	2	3	—	—	—	—	—	—	—	—	—	—
Argentina	23 674	73	10 575	32	38 872	119	3 226	10	15 869	41	720	2	7 069	18	262	5	19 762	51	360	5	2 130	5	168	5	7.4	
Bahamas	150	59	66	26	228	89	31	12	124	38	13	4	54	17	4	1	158	49	6	2	20	6	4	1	17	
Barbados	45	18	20	8	60	23	8	3	31	11	2	1	14	5	1	1	33	12	5	1	4	1	1	1	8.6	
Belize	90	49	40	22	145	78	18	10	131	49	11	4	58	21	4	1	148	55	5	2	14	5	2	2	13	
Bermuda	3	5	1	2	5	9	5	1	3	4	—	—	—	—	1	2	—	—	—	—	—	—	—	—	—	—
Bolivia	19 837	297	8 921	134	30 558	458	3 432	51	19 329	211	95	1	8 688	95	33	5	25 753	280	47	5	2 880	31	28	5	0.8	
Brazil	137 065	92	60 738	41	212 567	142	18 963	13	111 050	60	9 529	5	49 019	26	3 335	2	142 282	76	4 765	3	15 189	8	2 281	1	14	
British Virgin Islands	3	18	1	8	5	30	3	3	15	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Canada	2 423	9	1 086	4	1 885	7	242	5	1 522	5	59	1	679	2	21	1	1 168	4	29	1	152	5	6	5	8.3	
Cayman Islands	1	5	1	2	9	5	5	1	2	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chile	6 960	53	3 116	24	8 287	63	752	6	2 377	15	115	1	1 058	6	40	1	2 588	16	58	1	209	1	17	1	7.9	
Colombia	22 666	65	10 182	29	37 641	108	3 717	11	20 496	45	445	1	9 179	20	166	1	30 302	66	223	1	3 190	7	137	5	3.5	
Costa Rica	681	22	306	10	1 111	36	111	4	622	14	6	1	279	6	2	1	729	17	3	1	60	1	1	1	1.7	
Cuba	3 227	31	1 452	14	4 122	39	361	3	1 057	9	3	1	475	4	5	1	1 232	11	1	1	91	1	1	1	0.4	
Dominica	14	19	6	9	23	31	2	3	12	16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dominican Republic	9 885	139	4 398	62	16 579	234	2 074	29	8 053	91	313	4	3 593	40	110	1	10 331	116	156	2	1 274	14	93	1	—	
Ecuador	20 724	202	9 314	91	35 423	345	4 610	45	17 331	131	181	1	7 781	59	63	1	26 752	202	90	1	3 557	27	74	1	1.7	
El Salvador	5 183	101	2 318	45	8 378	164	866	17	3 523	51	114	2	1 574	23	40	1	4 688	68	57	1	562	8	34	1	5.3	
Grenada	6	6	3	3	10	10	1	1	5	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Guatemala	8 205	92	3 682	41	12 713	143	1 381	16	9 797	78	311	2	4 377	35	109	1	13 828	110	155	1	1 623	13	99	1	5.2	
Guyana	327	45	144	20	523	72	67	9	1 121	149	90	12	495	66	31	4	1 461	194	45	6	191	25	27	4	13	
Haiti	32 305	470	14 219	207	52 761	768	7 665	112	26 051	305	1 855	22	11 537	135	649	8	34 560	405	927	11	4 982	58	628	7	12	
Honduras	5 600	115	2 491	51	9 083	187	827	17	5 643	78	296	4	2 510	35	104	1	7 162	99	148	2	861	12	84	1	8.6	
Jamaica	197	8	88	4	320	14	32	1	196	7	7	1	87	3	4	1	256	10	5	1	29	1	3	1	8.5	
Mexico	53 534	64	24 055	29	88 714	105	8 608	10	24 295	23	250	1	10 890	10	88	1	28 628	27	125	1	2 293	2	53	1	1.7	
Montserrat	1	11	1	5	2	18	1	2	1	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Netherlands Antilles	21	11	10	5	44	23	4	2	17	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Nicaragua	5 822	147	2 618	66	8 099	205	913	23	3 166	58	28	1	1 422	26	10	1	4 075	74	14	1	417	8	8	1	1.4	
Panama	1 685	70	753	31	2 718	113	218	9	1 467	45	46	1	656	20	16	1	1 477	46	23	1	113	4	5	1	5.1	
Paraguay	3 219	76	1 448	34	5 111	121	590	14	4 214	68	57	1	1 890	31	20	1	6 178	100	29	1	733	12	20	1	2.2	
Peru	84 365	388	37 881	174	109 098	502	8 140	37	47 976	172	972	3	21 492	77	340	1	57 603	206	486	2	5 697	20	211	1	3.3	
Puerto Rico	746	21	336	10	1 221	35	134	4	180	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Saint Kitts & Nevis	5	13	2	6	9	22	5	1	5	11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Saint Lucia	28	20	13	9	46	34	5	4	27	17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
St Vincent & Grenadines	39	35	17	16	64	58	7	6	34	29	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Suriname	402	100	180	45	666	166	78	19	292	65	19	4	129	29	7	1	443	99	9	2	59	13	7	2	11	
Trinidad & Tobago	167	14	74	6	263	22	29	2	117	9	10	1	51	4	3	1	165	13	5	1	18	1	3	1	14	
Turks & Caicos Islands	3	24	1	11	5	40	5	1	5	20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Uruguay	1 049	34	472	15	1 379	44	118	4	957	28	17	1	429	12	6	1	1 159	33	9	1	104	3	3	1	3.0	
US Virgin Islands	17	17	8	8	29	28	3	3	12	11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
USA	23 976	9	10 717	4	18 656	7	2 399	5	13 499	5	963	1	5 978	2	337	1	10 236	3	482	1	1 347	5	93	1	15	
Venezuela	8 493	43	3 817	19	11 593	59	1 135	6	11 126	42	265	1	4 978	19	100	1	14 028	52	143	1	1 471	5	67	1	4.2	
<b>AMR</b>	<b>482 843</b>	<b>66</b>	<b>215 578</b>	<b>30</b>	<b>719 030</b>	<b>99</b>	<b>70 871</b>	<b>10</b>	<b>351 703</b>	<b>39</b>	<b>16 815</b>	<b>2</b>	<b>156 585</b>	<b>18</b>	<b>5 885</b>	<b>5</b>	<b>447 815</b>	<b>50</b>	<b>8 408</b>	<b>5</b>	<b>49 313</b>	<b>6</b>	<b>4 157</b>	<b>5</b>	<b>7.9</b>	

— 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, the Americas, 2005

Country	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		Other re-treat.		New pulm. lab. confirm.		Estimated incidence all forms number	ss+ number	Case detection rate all new ss+ %	ss+ (% of pulm.)	ss+ (% of new+relapse)	Extrapulm. (% of new+relapse)	Re-treat. (% of new+re-treat.)	
	number	rate	number	rate	number	rate	number	rate	number	rate	number	rate	number	rate								number
Anguilla	12																					
Antigua & Barbuda	81	6	7	6	7	0	0	0	0	0	0	0	0	3	1	111	246	100	100			
Argentina	38 747	11 242	9 770	25	4 709	12	3 357	1 561	0	143	381	285	806	15 869	7 069	61	67	58	48	16	8	
Bahamas	323													124	54							
Barbados	270													31	14							
Belize	270	106	102	38	59	22	29	3	0	11	1	3	0	131	58	69	102	67	58	3	14	
Bermuda	64													3	1							
Bolivia	9 182	9 973	9 748	106	6 278	68	1 250	1 673	35	190	6 844	35	190	19 329	8 688	48	72	83	64	17	8	
Brazil	186 405	87 233	80 209	43	42 093	23	23 990	11 037	3 089	208	2 337	4 003	466	111 050	49 019	69	86	64	52	14	11	
British Virgin Islands	22	0	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0			
Canada	32 268	1 616	1 484	5	433	1	446	562	4	39	64	68	735	1 522	679	95	64	49	29	38	7	
Cayman Islands	45													2	1							
Chile	16 295	2 546	2 134	13	1 186	7	185	622	141	6	85	1509	1 509	2 377	1 058	84	112	87	56	29	10	
Colombia	45 600	10 360	10 360	23	6 870	15	1 429	1 618	443				6 870	20 496	9 179	48	75	83	66	16	4	
Costa Rica	4 327	611	534	12	330	8	81	104	19	5	21	411	411	622	279	83	118	80	62	279	19	
Cuba	11 269	732	770	7	467	4	160	103	40	5	4	2	530	1 057	475	69	98	74	61	13	8	
Dominica	79													12	6							
Dominican Republic	8 895	5 312	5 003	56	2 949	33	1 032	602	420	269	2 949	2 949	2 949	8 053	3 593	57	82	74	59	12	14	
Ecuador	13 228	4 808	4 416	33	3 048	23	635	330	403	110	220	62	3 647	17 331	7 781	23	39	83	69	7	17	
El Salvador	6 881	1 794	1 794	26	1 059	15	402	255	78	9	27	0	1 059	3 523	1 574	49	67	72	59	14	6	
Grenada	103													5	2							
Guatemala	12 599	3 365	2 7	2 420	19	588	256	101	13	45	438	2 420	2 420	9 797	4 377	33	55	80	72	8	5	
Guyana	751	656	639	85	240	32	352	33	8	17	0	0	240	1 121	495	56	48	41	38	5	4	
Haiti	8 528	14 311	14 311	168	7 340	86	5 292	1 484	195	33	33	7 340	7 340	26 051	11 537	54	64	58	51	10	2	
Honduras	7 205	3 333	3 333	46	2 069	29	721	362	181			2 249	2 249	5 643	2 510	56	82	74	62	11	5	
Jamaica	2 651	95	90	3	53	2	31	6	0	0	2	3	59	196	87	46	61	63	59	7	5	
Mexico	107 029	19 932	18 524	17	11 997	11	421	2 657	2 831	361	73	974	15 249	24 255	10 890	74	110	97	65	14	10	
Montserrat	4													0	0	246	546	100	100			
Neatherlands Antilles	183													17	7							
Nicaragua	5 487	1 935	1 907	35	1 253	23	395	160	99	1	19	149	0	3 166	1 422	57	88	76	66	8	13	
Panama	3 232	1 637	1 637	51	860	27	505	216	56	61	121	873	873	1 467	656	108	131	63	53	13	14	
Paraguay	6 158	2 353	2 075	34	1 260	20	665	150	273	326	1 285	1 285	1 285	4 214	1 890	49	67	65	61	7	12	
Peru	27 968	35 541	33 421	119	18 490	66	5 592	5 335	809	3 195	758	457	326	47 976	21 492	63	86	77	55	16	14	
Puerto Rico	3 955	113	113	3	60	2	37	16	0	0	0	0	102	180	81	63	74	62	53	14		
Saint Kitts & Nevis	43													5	2	0	0	0	0			
Saint Lucia	161													27	12	45	92	92	79	14		
St Vincent & Grenadines	119													34	15	20	39	86	86			
Suriname	449	118	117	26	49	11	54	6	2	0	0	0	111	292	129	38	38	48	42	5	7	
Trinidad & Tobago	1 305	179	166	13	95	7	50	12	0	9	1	12	96	117	51	135	185	66	57	7	12	
Turks & Caicos Islands	26													5	2							
Uruguay	3 463	626	622	18	355	10	147	73	32	15	0	4	433	957	429	63	83	71	57	12	3	
US Virgin Islands	112													12	5							
USA	298 213	14 097	14 097	5	5 089	2	6 039	2 968	1	247	8	83	12	13 499	5 978	104	85	46	36	21		
Venezuela	26 749	6 950	6 847	26	3 653	14	1 853	1 094					3 768	11 126	4 978	59	73	66	53	16	5	
<b>AMR</b>	<b>890 757</b>	<b>238 239</b>	<b>227 616</b>	<b>26</b>	<b>124 788</b>	<b>14</b>	<b>55 740</b>	<b>33 298</b>	<b>36 855</b>	<b>10 105</b>	<b>1 951</b>	<b>4 086</b>	<b>6 405</b>	<b>351 703</b>	<b>156 585</b>	<b>62</b>	<b>80</b>	<b>69</b>	<b>55</b>	<b>15</b>	<b>9</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 A2.3 DOTS coverage, case notifications and case detection rates, the Americas, 2005

	TB cases reported from DOTS services												Estimated incidence and case detection rate					Proportions											
	DOTS coverage (WHO total) %		New and relapse (WHO total) number		New pulmonary ss+ number		New extra-pulmonary ss-/unk. number		Other number		Re-treatment cases number		After default number		Other re-treat. number		New pulm. lab. confirm. number		Estimated incidence all forms number		Case detection rate new ss+ %		ss+ (% of pulm.) new+(relapse) number		Extrapulm. (% of new+(relapse) new+(re-treat.))		Re-treat. (% of new+(re-treat.))		
	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	number	
Anguilla	100	6	7	6	7	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	111	246	100	100	16	8			
Antigua & Barbuda	100	9 770	25	4 709	12	3 357	1 561	0	143	381	285	806	5 171						15 869	7 069	61	67	58	48					
Argentina	100	102	38	59	22	29	3	0	11	1	3	0	59						131	58	69	102	67	58	3	14			
Bahamas	100	9 748	106	6 278	68	1 250	1 673	547	35	190	6 844								19 329	8 688	48	72	83	64	17	8			
Barbados	100	51 452	28	26 224	14	15 898	7 229	2 101	141	1 589	14 229	0	27 186						111 050	49 019	44	53	62	51	14	10			
Belize	100	0	0	0	0	0	0	0	0	0	0	0	0						3	1	0	0	49	29	38	7			
Bermuda	100	1 484	5	433	1	446	562	4	39	64	68	735							1 522	679	95	64	87	56	29	10			
Bolivia	100	2 134	13	1 186	7	185	622	141	6	85	1 509								2 377	1 058	84	112	80	72	8	5			
Brazil	50	3 624	8	2 404	5	499	566	155			2 404								20 496	9 179	17	26	83	66	16	4			
British Virgin Islands	100	534	12	330	8	81	104	104	5	21	83	411							622	279	83	118	80	62	19	8			
Canada	100	770	7	467	4	160	103	40	4	2	530								1 057	475	69	98	74	61	13	6			
Cayman Islands	100	4 735	53	2 724	31	1 014	591	406	37	253	2 724								8 053	3 593	54	76	73	58	12	14			
Chile	70	2 915	22	2 151	16	233	225	306	72	153	2 348								17 331	7 781	15	28	90	74	8	17			
Colombia	100	1 794	26	1 059	15	402	255	78	9	27	1 059								3 523	1 574	49	67	72	59	14	6			
Costa Rica	100	3 365	27	2 420	19	568	256	101	13	45	2 420								9 797	4 377	33	55	80	72	8	5			
Cuba	100	482	64	196	26	252	27	5	0	11	196								1 121	495	43	40	44	41	6	3			
Dominican Republic	55	12 933	152	6 625	78	4 772	1 363	173	24	24	6 625								26 051	11 537	49	57	58	51	11	2			
Ecuador	100	3 333	46	2 069	29	721	362	181			2 249								5 643	2 510	56	82	74	62	11	5			
El Salvador	100	90	3	53	2	31	6	0	0	2	3	0	59						196	87	46	61	63	59	7	5			
Grenada	100	18 524	17	11 997	11	421	2 657	2 831	618	361	15 249								24 255	10 890	74	110	97	65	14	10			
Guatemala	100	1	22	1	22	0	0	0	0	0	1								0	0	246	546	100	100					
Guyana	70	1 907	35	1 253	23	395	160	99	1	19	1 422								3 166	1 422	57	88	76	66	8	13			
Haiti	100	1 637	51	860	27	505	216	56	9	61	1 221								1 467	656	108	131	63	53	13	14			
Honduras	54	919	15	618	10	245	56	619	4 214	1 890	22	33	4 214						4 214	1 890	22	33	72	67	6	13			
Jamaica	100	33 421	119	18 490	66	5 592	5 335	809	3 195	758	457	326	19 299						47 976	21 492	63	86	77	55	16	14			
Mexico	100	113	3	60	2	37	16	0	0	0	102								180	81	63	74	62	53	14				
Montserrat	100	0	0	0	0	0	0	0	0	0	2								5	2	0	0	92	79					
Montserrat	100	14	9	11	7	1	0	0	2	0	11								27	12	45	92	86	86					
Netherlands Antilles	0	7	6	6	5	1	0	0	0	0	7								34	15	20	39	86	86					
Nicaragua	0	0	0	0	0	0	0	0	0	0	0								292	129	51								
Panama	100	1 907	35	1 253	23	395	160	99	1	19	1 422								3 166	1 422	57	88	76	66	8	13			
Paraguay	100	1 637	51	860	27	505	216	56	9	61	1 221								1 467	656	108	131	63	53	13	14			
Peru	100	919	15	618	10	245	56	619	4 214	1 890	22	33	4 214						4 214	1 890	22	33	72	67	6	13			
Puerto Rico	100	33 421	119	18 490	66	5 592	5 335	809	3 195	758	457	326	19 299						47 976	21 492	63	86	77	55	16	14			
Saint Kitts & Nevis	100	113	3	60	2	37	16	0	0	0	102								180	81	63	74	62	53	14				
Saint Lucia	100	0	0	0	0	0	0	0	0	0	2								5	2	0	0	92	79					
Saint Vincent & the Grenadines	100	14	9	11	7	1	0	0	2	0	11								27	12	45	92	86	86					
Suriname	0	7	6	6	5	1	0	0	0	0	7								34	15	20	39	86	86					
Trinidad & Tobago	0	0	0	0	0	0	0	0	0	0	0								117	51									
Turks & Caicos Islands	0	0	0	0	0	0	0	0	0	0	0								117	51									
Uruguay	100	622	18	355	10	147	73	32	15	0	4	0	433						957	429	63	83	71	57	12	3			
US Virgin Islands	100	14 097	5	5 089	2	6 039	2 868	1	247	8	83	12	9 578						13 499	5 978	104	85	46	36	21				
Venezuela	100	6 847	26	3 653	14	1 853	1 094	247	8	83	12	3 768							11 126	4 978	59	73	66	53	16	5			
<b>AMR</b>	<b>88</b>	<b>187 380</b>	<b>21</b>	<b>101 786</b>	<b>11</b>	<b>45 154</b>	<b>28 083</b>	<b>3 679</b>	<b>8 678</b>	<b>1 842</b>	<b>3 226</b>	<b>3 657</b>	<b>1 640</b>	<b>113 730</b>	<b>351 703</b>	<b>156 585</b>	<b>51</b>	<b>65</b>	<b>69</b>	<b>54</b>	<b>15</b>	<b>9</b>	<b>69</b>	<b>54</b>	<b>15</b>	<b>9</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

Table A2.4 Laboratory services, collaborative TB/HIV activities and management of MDR-TB, the Americas, 2004-2005

	Collaborative TB/HIV activities											Management of MDR-TB, 2005							
	Laboratory services, 2005					2004					2005								
	number of smear culture	number of labs working with NTP	DST	number of labs included in EQA	number of TB pts tested for HIV	TB pts HIV-positive	TB pts CPT	TB pts ART	HIV+ TB pts	TB pts tested for HIV	TB pts HIV-positive	TB pts CPT	TB pts ART	HIV+ TB pts	Lab-confirmed MDR	DST in new cases	MDR in new cases	Re-treatment DST	Re-treatment MDR
Anguilla	1				4	2	2	2		6	3	3	3	0	0	0	0	0	0
Antigua & Barbuda	724	101	19	365										276	2 389	66	1 290	210	
Argentina																			
Bahamas																			
Barbados																			
Belize	2	0	0	1	68	11	11	4		106	25	25	24	0	0	0	0	3	0
Bermuda	468	7	1	468	0	0	0	0		0	0	0	0	63			5 917	373	
Bolivia	4 000	187	33	1 800	37 748	5 734	4 874	4 874		37 634	5 227	4 442	4 443	373					
Brazil	1	1	1	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
British Virgin Islands	10	10	10	0	372	36				363	57			16	982	8	88	8	
Canada																			
Cayman Islands														6	49	0	226	6	
Chile	220	42	1	220										3	2	2	1	1	
Colombia	2 044	688	3	33										0	156	0	18	0	
Costa Rica	102	26	1	1	736	1	0	1						3	2	2	1	1	
Cuba	444	21	158	53										0					
Dominica																			
Dominican Republic	168	5	1	126	65	3	0	0		78	3	0	0						
Ecuador	277	9	1	277	1 135	84		9		1 544	188		71	253	117	12	502	241	
El Salvador	199	5	1											12	12	7	14	7	
Grenada																			
Guatemala	156	2 007	192	9	1 170	712		781		1 210	772		1 180	20	20	20	40	20	
Guyana	3	1	0	3	456	80				456	80								
Haiti	190	1	0	2	267	30				5 062	1 797				53				
Honduras	139	5	1	96						1 465	200		0	0	3	3	0	0	
Jamaica	3	1	1	2	97	26	13	4		79	28	13	18	0	11	0	2	0	
Mexico	640	32	4	31						1 382	217			394	314	63	74	63	
Montserrat	1	1	0	1	1	1	1	1		1	0	0	0	1	0	0	0	0	
Netherlands Antilles																			
Nicaragua	138	1	1	1	400	9		34		556	30		30	50	8	8	8	8	
Panama	57	5	1	57	967	207				1 161	200			5	29	3	48	2	
Paraguay	80	5	1	58										13					
Peru	1 334	67	6	1 406						1 066	668			2 748			2 336	2 102	
Puerto Rico	1	1	1	1	103	35				91	28			0	94	0	0	0	
Saint Kitts & Nevis	1	1	1	1										0	0	0	0	0	
Saint Lucia	2	0	0	2	14					12	0			0	0	0	0	0	
St Vincent & Grenadines	1	1	0	1	10	2		2		7	0	0	0	6	6	6	0	0	
Suriname	4	1	0	1	67	17	5	0		87	18		2	1	49	1	0	0	
Trinidad & Tobago	1	1	1	1	87	38	32	14		154	46	42	15	3	0	0	3	3	
Turks & Caicos Islands																			
Uruguay	1	1	1	1	611	99	0			577	78		0						
US Virgin Islands																			
USA	1 705	26	1	1 705	8 280	1 064		114		8 076	1 034			122	13 308	98	683	23	
Venezuela	323				2 363	332				2 678	392			21	163	13	15	15	
<b>AMR</b>	<b>13 440</b>	<b>3 260</b>	<b>442</b>	<b>6 723</b>	<b>54 565</b>	<b>8 443</b>	<b>4 938</b>	<b>5 840</b>	<b>63 851</b>	<b>11 094</b>	<b>4 525</b>	<b>5 766</b>	<b>4 386</b>	<b>17 747</b>	<b>310</b>	<b>11 268</b>	<b>3 082</b>		

ART indicates antiretroviral therapy; CPT, co-trimoxazole preventive therapy; EQA, external quality assurance; HIV+, HIV-positive; pIs, patients. See Explanatory notes on pages 163 for further details. Some countries provided the number of TB patients found to be HIV-positive, but did not provide the number of TB patients tested. The regional total of TB patients tested is therefore lower than the number of patients actually tested, and cannot be used to calculate a regional estimate of HIV prevalence in TB patients. Data can be downloaded from [www.who.int/tb](http://www.who.int/tb)

Table A2.5 Treatment outcomes, the Americas, 2004 cohort

	New smear-positive cases, DOTS										New smear-positive cases, non-DOTS										Smear-positive re-treatment cases, DOTS										
	Number of cases of notified					% of cohort					Number of cases of notified					% of cohort					Number					% of cohort					
	Notified	Registered	Cured	Completed	Failed	Defaulted	Transferred	Not evaluated	Success	%	Notified	Registered	Cured	Completed	Failed	Defaulted	Transferred	Not evaluated	Success	%	Registered	Cured	Completed	Failed	Defaulted	Transferred	Not evaluated	Success	%		
Anguilla	0	4	100	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0	0	0	834	16	31	4	0	8	6	35	47		
Antigua & Barbuda	4 760	4 760	100	25	33	5	0	7	4	26	58																				
Argentina	37																														
Bahamas	19																														
Barbados	34	25	74	60	0	16	0	24	0	0	60										11	73	9	0	0	18	0	0	82		
Belize																															
Bermuda																															
Bolivia	6 213	6 214	100	78	2	4	1	5	4	6	80										754	62	4	4	2	5	4	20	65		
Brazil	22 532	22 532	100	46	35	5	1	8	5	0	81	20 349	20 349	100	32	38	5	1	10	11	4	70	5 029	25	27	7	1	16	9	15	51
British Virgin Islands	438	438	100	6	56	4	0	6	1	27	62	2	2	100	100						118	7	47	12	0	1	3	31	54		
Cayman Islands	1																														
Chile	1 297	1 247	96	83	19	11	0	6	1	0	83																				
Colombia	1 663	1 969	118	75	10	4	2	6	3	0	85	5 977	5 671	95	64	14	6	2	8	6	0	78									
Costa Rica	419																														
Cuba	453	453	100	90	3	5	0	2	0	0	93										61	69	11	5	2	2	0	11	80		
Dominica																															
Dominican Republic	2 521	2 521	100	74	6	2	2	9	2	5	80	199	199	100	41	24	9	1	13	5	8	65	561	43	7	6	7	16	3	18	50
Ecuador	3 289	1 969	60	81	4	3	2	6	2	2	85	1 081									499	49	10	6	8	18	4	5	59		
El Salvador	926	926	100	89	1	5	1	4	0	0	90	2									135	71	1	5	5	13	0	4	73		
Grenada																															
Guatemala	2 339	2 603	111	75	10	1	2	1	10	85											1	100	0	0	0	0	0	0	100		
Guyana	123	123	100	53	19	2	0	18	8	0	72	41	41	100	24	7	2	2	12	0	51	32	213	61	10	9	3	8	7	2	71
Haiti	5 470	5 470	100	73	7	6	1	5	5	2	80	1 574	1 574	100	58	9	6	2	14	4	7	67	195	55	11	10	4	14	6	0	66
Honduras	2 011	1 952	97	74	11	5	1	4	5	0	85										7	0	43	14	0	43	0	0	43		
Jamaica	69	69	100	6	41	14	1	32	6	0	46	460									989	56	5	6	6	17	9	0	61		
Mexico	10 754	11 587	108	76	6	6	1	7	4	0	82																				
Montserrat	0	1																													
Netherlands Antilles																															
Nicaragua	1 327	1 327	100	73	14	4	1	6	2	0	87	8									169	75	5	4	2	12	2	0	79		
Panama	861	861	100	65	14	8	1	10	2	0	78	23	23	100	43	4	4	48	0	48	0	48	290	21	37	8	3	29	1	0	58
Paraguay	368	368	100	45	38	6	0	6	2	3	83	831	831	100	10	50	5	0	14	3	18	61	1 472	75	4	5	5	10	1	0	79
Peru	18 269	15 807	86	86	4	2	3	4	1	0	90																				
Puerto Rico	65	65	100	71	0	15	0	3	0	11	71										1	0	0	0	0	100	0	0	0		
Saint Kitts & Nevis																					2	0	50	50	0	0	0	0	0	50	
Saint Lucia	11	11	100	36	27	36	0	0	0	0	64	37	37	100	62	11	14	0	8	0	5	73									
Saint Vincent & Grenadines	5	7	140	86	14	0	0	0	0	0	86	71	71	100	68	10	7	1	14	0	0	77									
Suriname																															
Trinidad & Tobago																															
Turks & Caicos Islands	373																														
Uruguay																															
US Virgin Islands																															
USA	9 578	9 578	100	61	61	9	3	2	25	61											299	80	0	5	1	9	2	3	80		
Venezuela	3 776	3 776	98	81	4	0	10	4	0	81																					
<b>AMR</b>	<b>99 991</b>	<b>96 613</b>	<b>97</b>	<b>60</b>	<b>19</b>	<b>5</b>	<b>1</b>	<b>6</b>	<b>3</b>	<b>5</b>	<b>80</b>	<b>30 655</b>	<b>28 798</b>	<b>94</b>	<b>39</b>	<b>32</b>	<b>5</b>	<b>1</b>	<b>10</b>	<b>9</b>	<b>4</b>	<b>71</b>	<b>11 640</b>	<b>41</b>	<b>18</b>	<b>6</b>	<b>3</b>	<b>14</b>	<b>6</b>	<b>12</b>	<b>59</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 registered, 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 the number of cases registered is not reported, then the number of cases notified in 2004 is used, or the sum of outcomes if the latter is greater. Data can be downloaded from [www.who.int/tb](http://www.who.int/tb)

Table A2.6 Re-treatment outcomes, the Americas, 2004 cohort

	Relapse, DOTs						After failure, DOTs						After default, DOTs														
	Number registered			% of cohort			Number registered			% of cohort			Number registered			% of cohort											
	Cured	Completed	Failed	Died	Defaulted	Not eval.	Success	Cured	Completed	Failed	Died	Defaulted	Not eval.	Success	Cured	Completed	Failed	Died	Defaulted	Not eval.	Success						
Anguilla																											
Antigua & Barbuda																											
Argentina	168	23	45	8	1	11	2	10	68	420	18	24	2	0	7	49	42	2 195	19	22	8	1	24	11	15	41	
Bahamas																											
Barbados																											
Belize	11	73	9			18	0	82																			
Bermuda																											
Bolivia																											
Brazil	2 730	30	31	7	1	10	8	14	60	104	22	19	0	9	3	47	41										
British Virgin Islands																											
Canada	49	10	43	12	0	0	2	33	53																		
Cayman Islands																											
Chile																											
Colombia																											
Costa Rica	47	74	15	6			4	89	7	43		14	14		29	43	7	57					43	57			
Cuba																											
Dominica	325	54	6	5	7	10	3	16	60	35	23	9	9	37	17	6	0	31	201	29	8	8	2	25	2	25	37
Dominican Republic																											
Ecuador	261	61	9	4	7	13	3	4	70	56	43	4	9	30	7	2	5	46	159	36	10	8	3	31	6	6	47
El Salvador	75	80	3	3	5	8	0	1	83	21	62	0	14	10	0	14	62	39	59	0	0	0	0	0	41	59	
Grenada																											
Guatemala																											
Guyana	186	61	9	10	3	6	8	2	70									1	100					0	100		
Haiti																		27	56	19	4	4	15	4	0	74	
Honduras	195	55	11	10	4	14	6	0	66																		
Jamaica	1	0	100	0	0	0	0	0	100	1	0	0	0	0	0	100	0	1	0	0	0	0	0	0	100	0	
Mexico	534	66	5	7	5	10	7	0	71	69	41	1	9	30	7	12	0	42	386	45	6	6	4	30	10	0	51
Montserrat																											
Netherlands Antilles	99	81	5	6	1	7	0	0	86	12	75	8	8	0	0	8	83	58	64	3	0	22	5	5	67		
Nicaragua	54	57	17	9	2	15	0	74	10	40		10	20	30	0	40	83	33	20	4	4	40	0	0	53		
Panama																											
Paraguay	1 245	77	4	5	5	8	2	0	81									227	64	4	6	4	20	1	0	68	
Peru																											
Puerto Rico																											
Saint Kitts & Nevis																											
Saint Lucia																											
St Vincent & Grenadines	2	0	50	50	0	0	0	0	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Suriname																											
Trinidad & Tobago																											
Turks & Caicos Islands																											
Uruguay																											
US Virgin Islands																											
USA	289	82		5	1	10	2	0	82	10	20				80	20											
Venezuela																											
<b>AMR</b>	<b>6 271</b>	<b>51</b>	<b>18</b>	<b>7</b>	<b>3</b>	<b>9</b>	<b>5</b>	<b>8</b>	<b>68</b>	<b>745</b>	<b>25</b>	<b>17</b>	<b>4</b>	<b>9</b>	<b>6</b>	<b>30</b>	<b>42</b>	<b>3 384</b>	<b>28</b>	<b>17</b>	<b>7</b>	<b>2</b>	<b>25</b>	<b>9</b>	<b>12</b>	<b>45</b>	

Not eval. indicates not evaluated (percentage of registered cases for which outcomes were not recorded); success, sum of cured and completed; cases registered, the denominator for calculating treatment outcomes. The number of cases registered for treatment in 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, the Americas, 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	
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																								
<b>AMR</b>	<b>77</b>	<b>77</b>	<b>83</b>	<b>82</b>	<b>81</b>	<b>83</b>	<b>81</b>	<b>83</b>	<b>81</b>	<b>82</b>	<b>83</b>	<b>83</b>	<b>80</b>	<b>27</b>	<b>28</b>	<b>30</b>	<b>34</b>	<b>37</b>	<b>45</b>	<b>44</b>	<b>47</b>	<b>51</b>	<b>60</b>	<b>65</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, the Americas, 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+	
Anguilla															
Antigua & Barbuda															
Argentina	1	19	18	15	19	23	22	2	16	16	12	9	10	10	
Bahamas															
Barbados	0	28	37	41	82	91	52	0	14	19	27	32	38	69	
Bermuda															
Bolivia	9	147	108	92	116	159	224	9	96	78	55	62	75	114	
Brazil	1	28	41	49	57	50	43	1	20	24	20	19	18	17	
British Virgin Islands															
Canada	0	2	2	2	2	1	4	0	1	2	1	1	1	2	
Cayman Islands															
Chile	0	5	11	14	17	19	24	0	4	7	5	6	5	12	
Colombia	2	15	19	22	32	41	68	3	14	15	14	16	21	30	
Costa Rica	0	10	11	17	15	16	29	0	5	9	6	7	5	10	
Cuba	0	2	8	8	8	11	9	0	2	2	2	2	4	4	
Dominica															
Dominican Republic	3	43	67	67	61	56	58	4	38	47	36	32	33	29	
Ecuador	2	34	45	38	40	42	44	2	26	30	25	23	23	31	
El Salvador	0	15	23	37	43	44	73	1	13	13	14	18	22	33	
Grenada															
Guatemala	1	20	33	38	52	49	45	1	26	27	47	43	31	33	
Guyana	11	66	189	249	266	233	123	13	57	88	77	80	49	40	
Haiti	4	103	164	187	186	132	103	7	110	170	155	137	81	70	
Honduras	1	31	51	58	64	98	119	2	29	41	34	44	56	69	
Jamaica	0	2	3	4	8	8	8	0	0	3	2	0	1	3	
Mexico	1	11	15	20	28	37	50	1	8	8	10	16	20	25	
Montserrat															
Netherlands Antilles															
Nicaragua	2	26	37	44	61	64	98	2	22	29	37	33	52	47	
Panama	1	26	49	58	55	57	53	2	26	31	28	21	30	41	
Paraguay	2	26	41	39	45	66	100	3	14	22	20	20	22	54	
Peru	8	139	116	86	87	83	104	8	100	94	60	57	42	60	
Puerto Rico	0	1	1	3	4	4	3	0	1	1	2	2	0	3	
Saint Kitts & Nevis															
Saint Lucia	0	0	0	0	27	22	39	4	6	0	9	13	0	31	
St Vincent & Grenadines	0	0	0	25	23	0	60	0	0	10	0	24	0	0	
Suriname	0	16	24	37	30	25	31	0	7	6	3	9	7	13	
Trinidad & Tobago	0	7	10	14	28	20	7	0	3	8	3	6	8	6	
Turks & Caicos Islands															
Uruguay	0	16	18	18	24	24	20	0	13	12	8	5	5	4	
US Virgin Islands															
USA	0	2	3	3	4	3	4	0	1	2	1	1	1	2	
Venezuela	1	12	19	23	32	33	53	1	14	14	15	14	18	30	
<b>AMR</b>	<b>1</b>	<b>21</b>	<b>25</b>	<b>24</b>	<b>25</b>	<b>24</b>	<b>25</b>	<b>1</b>	<b>17</b>	<b>17</b>	<b>13</b>	<b>11</b>	<b>11</b>	<b>11</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, the Americas, 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	
Anguilla	0	0	4	0	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
Antigua & Barbuda	8	3	0	0	1	3	2	7	0	0	0	1	0	6	0	0	3	4	4	3	4	1	4	1	0	0	6
Argentina	16 406	16 693	17 292	17 305	16 359	15 987	14 681	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	
Bahamas	70	67	64	58	53	63	52	43	51	52	46	53	63	60	78	57	59	88	75	76	82	82	44	38	53	59	
Barbados	64	3	30	17	14	12	7	3	4	5	5	5	5	6	3	3	3	5	7	2	3	6	5	5	19	5	
Belize	21	33	44	140	35	25	23	41	28	30	57	89	65	80	59	95	99	107	123	104	106	136	135	99	83	102	
Bermuda	1	2	5	10	3	3	6	2	1	2	0	3	4	4	0	4	0	0	0	0	0	0	0	0	0	6	
Bolivia	4 412	5 072	4 777	5 178	4 131	7 679	6 637	8 960	10 664	12 663	11 166	11 223	9 620	8 614	9 431	14 422	10 194	9 863	10 132	9 863	10 127	10 531	10 201	9 836	9 801	9 748	
Brazil	72 608	86 411	87 822	86 617	88 365	84 310	83 731	81 826	82 395	80 048	74 570	84 990	85 955	75 759	91 013	87 254	83 309	83 309	95 009	78 870	77 899	74 466	81 436	80 114	86 881	80 209	
British Virgin Islands	2 762	2 526	2 473	2 355	2 144	2 145	1 972	1 947	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	1 674	1 533	1 484	
Canada	0	2	0	0	1	4	1	0	0	0	2	3	3	2	2	0	0	0	0	3	2	5	1	0	0	1	
Cayman Islands	8 523	7 337	6 941	6 989	6 561	6 644	6 854	6 280	6 324	6 728	6 151	5 498	5 304	4 598	4 138	4 150	4 178	3 980	3 652	3 429	3 021	3 006	2 448	2 226	2 664	2 134	
Chile	11 589	11 483	12 126	13 716	12 992	12 024	11 639	11 437	11 469	11 320	12 447	12 663	11 199	11 043	8 901	9 912	9 702	8 042	9 155	10 999	11 630	11 480	11 376	11 640	11 242	10 360	
Colombia	396	521	459	479	393	376	418	434	442	311	230	201	118	313	325	586	636	692	730	851	585	630	543	527	712	534	
Costa Rica	1 133	833	815	762	705	680	656	630	628	591	546	514	410	790	1 681	1 553	1 465	1 346	1 234	1 135	1 183	926	898	840	784	770	
Cuba	20	26	18	16	5	8	35	27	7	13	6	14	13	7	12	8	10	6	5	5	2	2	2	2	2	2	
Dominica	2 174	1 778	2 457	2 959	3 100	2 335	2 634	2 459	3 081	3 145	2 597	1 837	3 490	4 033	4 337	4 053	6 302	5 381	5 114	5 767	5 291	4 766	4 040	4 696	4 549	5 003	
Dominican Republic	3 950	3 966	3 880	3 985	4 301	4 798	5 687	5 867	5 497	5 480	8 243	6 879	7 313	7 050	9 685	7 893	8 397	9 435	7 164	5 756	6 908	6 015	5 829	6 442	6 122	4 416	
Ecuador	2 255	2 091	2 171	2 053	1 564	1 461	1 659	1 647	2 378	617	2 367	2 304	2 495	3 347	3 901	2 422	1 686	1 662	1 700	1 623	1 485	1 458	1 550	1 383	1 406	1 794	
El Salvador	17	1	1	1	2	2	1	2	2	0	0	1	3	0	3	4	0	0	2	5	0	1	1	2	2	2	
Guatemala	5 624	6 641	7 277	6 013	6 586	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	
Guyana	124	117	135	149	165	215	190	117	150	120	168	134	182	91	266	296	314	407	318	407	422	442	590	631	603	639	
Haiti	8 306	6 550	3 337	6 839	5 803	4 959	8 563	8 514	8 054	8 100	10 237	10 237	10 237	6 332	6 632	6 212	6 632	10 116	9 770	9 124	10 420	10 224	12 086	14 004	14 533	14 311	
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	
Jamaica	176	178	153	157	160	130	88	133	65	86	123	121	111	115	109	109	109	121	118	121	115	127	121	106	120	116	
Mexico	31 247	32 572	24 853	22 795	14 551	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	
Montserrat	1	0	0	0	1	7	9	5	13	6	5	1	0	0	0	0	0	0	1	2	0	0	0	0	1	1	
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	2 558	2 402	2 447	2 092	2 283	2 220	1 907	
Nicaragua	643	580	580	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	
Panama	1 354	1 398	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	
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	38 861	37 197	36 092	31 273	33 082	33 421	
Peru	686	521	473	452	418	336	363	303	275	314	189	241	189	256	274	262	222	257	201	200	174	121	129	115	123	113	
Puerto Rico	7	4	6	2	2	3	0	0	0	0	0	1	4	6	2	5	5	3	12	5	3	0	2	3	1	2	
Saint Kitts & Nevis	41	39	37	48	55	21	34	25	32	28	13	25	26	9	24	11	35	22	20	16	9	15	17	14	15	14	
Saint Lucia	78	11	14	4	23	14	9	3	6	3	2	1	4	13	0	13	6	6	8	9	16	10	10	14	8	7	
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	
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	
Trinidad & Tobago	2	0	2	5	0	4	2	12	12	0	0	0	0	0	0	0	0	0	0	17	3	3	6	6	6		
Turks & Caicos Islands	1 874	1 699	1 450	1 359	1 389	1 201	1 082	1 023	951	987	886	759	699	689	666	625	701	708	668	627	645	689	536	643	727	622	
Uruguay	0	1	1	2	3	1	1	2	6	4	4	4	4	10	10	4	8	8	18 287	17 501	16 309	15 946	15 056	14 840	14 515	14 097	
USA	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	25 108	24 205	22 727	21 210	19 751	18 287	17 501	16 309	15 946	15 056	14 840	14 515	14 097	
US Virgin Islands	4 233	4 093	4 159	4 266	4 737	4 822	4 974	4 964	4 557	4 524	5 457	5 216	5 444	5 169	4 877	5 578	5 650	5 984	6 273	6 598	6 466	6 251	6 204	6 734	6 808	6 847	
Venezuela	227 697	248 122	237 274	238 465	226 812	227 186	227 206	233 192	241 834	239 694	231 186	252 215	253 255	166 459	241 854	258 187	256 656	254 980	262 886	240 619	238 579	230 404	233 678	228 450	235 524	227 616	
AMR	42	42	42	42	42	42	42	42	41	41	41	41	41	33	35	39	40	40	40	40	40	40	43	40	40	34	
Number reporting	95	95	95	95	95	95	95	95	93	93	93	95	89	75	80	89	91	93	91	91	91	91	98	91	91	77	

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, the Americas, 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	
Anguilla	0	0	57	0	0	0	14	0	0	0	0	0	0	0	0	19	0	4	6	5	4	5	0	0	0	0	7
Antigua & Barbuda	13	5	0	2	5	3	11	0	0	5	2	0	0	9	0	39	38	35	34	33	32	31	31	28	28	25	
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	
Bahamas	33	31	25	26	23	27	22	18	21	21	18	20	24	22	28	20	21	31	26	26	27	27	14	12	17	7	
Barbados	26	1	12	7	6	5	3	1	2	2	2	2	2	2	2	1	1	2	3	1	1	2	2	2	7	7	
Belize	15	22	29	91	22	15	14	24	16	17	31	47	33	40	28	44	45	47	53	44	44	55	53	38	31	38	
Bermuda	2	4	9	18	5	5	10	3	2	3	2	0	5	7	0	7	0	6	0	0	0	0	0	0	0	9	
Bolivia	82	93	85	91	71	129	112	144	167	193	167	164	136	120	129	193	133	126	127	121	122	124	118	111	109	106	
Brazil	60	69	69	66	66	62	60	58	57	55	50	56	56	48	48	56	53	50	56	46	45	42	46	44	47	43	
British Virgin Islands																											
Canada	11	10	10	9	9	8	8	7	7	7	7	7	7	7	7	7	6	7	6	6	5	5	5	5	5	5	
Cayman Islands	0	11	0	5	5	5	0	0	0	8	8	11	10	7	6	0	0	0	8	5	13	2	0	0	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	
Colombia	41	39	41	45	41	38	35	34	33	36	34	31	30	31	24	26	25	20	22	27	28	27	26	26	25	23	
Costa Rica	17	22	18	19	15	15	15	15	15	15	10	7	6	4	9	10	17	18	19	19	22	15	16	13	13	12	
Cuba	12	9	8	8	7	7	6	6	6	6	5	4	4	7	16	14	13	12	11	10	11	8	8	7	7	7	
Dominica	27	35	24	22	7	11	48	37	10	18	8	19	18	10	16	11	13	8	6	6	6	4	3	3	3	3	
Dominican Republic	38	30	41	48	49	36	40	37	45	45	37	25	48	54	57	53	81	68	64	71	64	57	47	54	52	56	
Ecuador	50	48	46	46	49	53	61	61	56	55	80	65	68	64	87	69	72	80	60	47	56	48	46	50	47	33	
El Salvador	49	45	46	44	33	31	34	34	48	12	46	44	47	62	70	43	29	28	28	26	24	23	24	21	21	26	
Guatemala	19	1	7	4	2	2	0	0	0	0	0	1	3	0	3	4	0	2	2	5	0	0	1	2	2	2	
Guatemala	80	92	99	80	85	83	59	69	68	56	43	29	27	26	26	31	32	28	26	26	26	21	25	22	27	27	
Guyana	16	15	18	20	22	29	25	16	20	16	23	18	25	12	36	40	43	55	43	55	57	57	79	84	80	85	
Haiti	152	117	58	117	97	81	137	132	122	120	147	147	147	131	84	88	133	127	117	131	127	148	169	173	168	168	
Honduras	47	46	45	49	52	81	98	95	86	85	75	91	80	70	78	89	72	68	81	73	100	77	67	56	51	46	
Jamaica	8	8	7	7	6	4	6	3	4	5	5	5	5	5	4	4	5	5	5	4	5	5	4	5	4	3	
Mexico	46	47	35	31	20	20	17	18	19	19	17	18	16	17	18	12	22	25	22	20	18	19	17	16	14	17	
Montserrat	8	0	0	9	61	80	45	118	55	46	9	9	0	0	0	0	0	16	41	0	0	0	0	26	0	22	
Netherlands Antilles																											
Nicaragua	42	118	95	83	79	74	72	81	72	80	74	69	69	66	63	63	66	60	55	53	48	48	41	43	41	35	
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	
Paraguay	43	43	43	53	49	54	44	39	36	55	51	53	43	44	39	36	42	38	35	40	36	37	37	37	38	34	
Peru	92	123	119	122	120	125	124	150	177	167	174	183	233	225	208	190	172	170	174	158	149	141	135	115	120	119	
Puerto Rico	21	16	14	14	12	10	11	9	8	9	5	7	7	7	7	7	6	7	5	5	5	3	3	3	3	3	
Saint Kitts & Nevis	16	9	14	5	7	0	0	0	0	0	0	0	2	10	15	5	12	7	30	12	7	0	5	7	2	5	
Saint Lucia	35	33	30	39	44	17	26	19	24	21	9	18	18	16	16	7	23	15	13	10	6	10	11	9	9	9	
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	
Suriname	22	23	15	21	20	13	15	20	19	18	20	12	14	11	13	13	18	20	22	21	17	22	21	22	26	26	
Trinidad & Tobago	7	7	6	10	9	10	10	10	9	10	10	12	12	9	10	13	16	20	16	12	15	16	10	11	14	13	
Turks & Caicos Islands	27	0	24	58	0	42	20	117	0	0	0	0	0	0	0	0	0	22	20	19	19	20	16	19	21	18	
Uruguay	64	58	49	46	46	40	36	34	31	32	29	24	22	22	21	19	22	22	20	19	19	20	16	19	21	18	
US Virgin Islands	0	1	1	2	3	1	1	2	6	4	4	4	4	4	4	4	7	7	7	6	6	6	5	5	5		
USA	12	12	11	10	9	9	9	9	9	9	10	10	10	10	10	9	8	8	7	7	6	6	5	5	5		
Venezuela	28	26	26	26	28	28	28	27	24	24	28	26	26	24	23	25	25	26	27	28	26	25	24	26	26	26	
<b>AMR</b>	<b>37</b>	<b>40</b>	<b>37</b>	<b>37</b>	<b>34</b>	<b>34</b>	<b>33</b>	<b>34</b>	<b>34</b>	<b>34</b>	<b>32</b>	<b>34</b>	<b>34</b>	<b>22</b>	<b>31</b>	<b>33</b>	<b>32</b>	<b>32</b>	<b>32</b>	<b>29</b>	<b>29</b>	<b>27</b>	<b>27</b>	<b>26</b>	<b>27</b>	<b>26</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, the Americas, 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		
Anguilla																												
Antigua & Barbuda																												
Argentina	5 937	5 696	5 698	5 787	5 307	5 186	4 830	4 749	5 595	5 498	4 961	4 760	4 709	6	17	17	16	16	15	14	13	13	15	15	13	12	7	
Bahamas	41	41	38	25	37	57	37	56	32	29	37	37	37	1	15	15	14	9	20	10	12	19	10	9	10	9	12	
Barbados																												
Belize	50	36	36	46	32	52	48	44	63	71	62	34	59		25	17	17	21	14	23	20	18	21	28	24	13	22	
Bermuda																												
Bolivia	6 833	6 905	7 010	6 949	6 458	6 750	6 673	6 458	6 672	6 829	6 344	6 213	6 278		96	94	94	91	83	85	82	78	79	79	72	69	68	
Brazil	39 167	45 650	44 503	43 490	43 554	41 619	41 186	38 478	41 371	39 938	42 881	42 093		23	25	28	27	26	26	24	24	22	23	22	23	23	23	
British Virgin Islands																												
Canada	488	483	436	430	473	438	455	492	458	408	332	438	433	0	2	2	1	1	2	1	2	1	2	1	1	1	1	
Cayman Islands																												
Chile	2 629	1 951	1 561	1 562	1 576	1 497	1 497	1 290	1 355	1 412	1 276	1 297	1 186		19	14	11	11	11	11	10	10	8	9	9	8	7	
Colombia	6 987	6 532	7 530	7 572	6 090	6 969	8 329	8 358	8 022	7 787	7 972	7 640	6 870		19	17	20	19	15	17	20	20	19	18	18	17	15	
Costa Rica	230	245	302	320	353	458	349	385	328	346	419	330		330	7	7	8	8	9	9	12	9	10	8	8	10	8	
Cuba	565	914	834	835	765	746	720	675	559	540	507	453	467		5	8	8	8	7	7	6	6	5	5	5	4	4	
Dominica	6	8	5	7	5	5									8	11	7	9	7	6	6	5	3	3	3	3	3	
Dominican Republic	2 297	3 177	2 767	3 733	3 162	2 669	3 278	2 907	2 622	2 179	2 806	2 720	2 949		31	42	36	48	40	33	40	35	31	26	32	31	33	
Ecuador	5 325	6 674	5 890	6 426	7 214	4 900	4 300	5 064	4 439	4 223	4 488	4 340	3 048		49	60	52	55	61	41	35	41	36	33	35	33	23	
El Salvador	2 471	2 144	965	965	862	1 071	1 023	1 008	1 003	980	870	926	1 059		46	39	46	39	17	15	18	17	16	16	15	13	14	15
Grenada	0	3	2	0	1	2	3	0	0	0	2	2			0	3	2	0	1	2	3	0	0	2	2	2	2	
Guatemala	2 128	1 994	2 368	2 224	2 218	2 255	2 264	2 052	1 669	1 865	1 795	2 339	2 420		22	20	24	22	21	21	21	18	15	16	15	19	19	
Guyana	51	61	85	71	105	85	178	119	174	138	244	164	240		7	8	12	10	14	12	24	16	23	18	33	22	32	
Haiti																												
Honduras	2 016	2 385	2 306	1 808	1 928	2 311	2 415	3 404	3 141	3 080	2 139	2 011	2 069		38	44	41	31	32	38	39	53	48	46	31	29	29	
Jamaica	83	61	93	81	84	90	90	90	75	60	81	69	53		3	2	4	3	3	4	4	3	3	2	3	3	2	
Mexico	8 164	9 726	9 220	8 495	15 440	11 473	11 968	11 676	15 103	11 555	12 933	11 214	11 997		9	11	10	9	16	12	12	12	15	11	12	11	11	
Montserrat																												
Netherlands Antilles																												
Nicaragua	1 714	1 615	1 568	1 722	1 670	1 648	1 564	1 471	1 510	1 320	1 404	1 327	1 253		40	37	35	38	36	35	32	30	30	26	27	25	23	
Panama	1 046	748	1 066	904	582	1 393	432	460	671	773	778	884	860		41	29	40	33	21	49	15	16	22	25	25	28	27	
Paraguay	985	873	748	894	859	850	1 041	900	915	1 004	1 166	1 199	1 260		21	19	15	18	17	16	20	16	16	17	20	20	20	
Peru	35 646	33 925	32 096	28 800	27 498	27 707	24 511	22 580	21 685	20 533	18 504	18 289	18 490		155	145	135	110	111	110	96	87	82	77	68	66	66	
Puerto Rico	122	139	128	110	126	106	106	81	74	78	62	65	60		3	4	3	3	3	3	3	3	2	2	2	2	2	
Saint Kitts & Nevis	2	2	4	2	4	4	2	0	0	0	1	0	0		5	5	10	5	10	5	0	0	0	0	0	0	0	
Saint Lucia																												
St Vincent & Grenadines	11	0	5	3	2	3	4	9	3	0	6	5	6		10	0	4	3	2	3	3	8	3	0	5	4	5	
Suriname																												
Trinidad & Tobago																												
Turks & Caicos Islands																												
Uruguay	388	381	349	426	423	374	392	348	340	308	373	373	355		12	12	11	13	13	11	12	10	10	9	11	11	10	
US Virgin Islands																												
USA	9 428	8 964	8 093	7 454	6 935	6 624	6 275	5 884	5 651	5 438	5 366	5 251	5 089		4	3	3	3	3	3	2	2	2	2	2	2	2	
Venezuela	2 849	2 738	3 056	3 195	3 234	3 450	3 670	3 525	3 476	3 444	3 862	3 776	3 653		13	13	14	14	14	14	15	15	14	14	15	14	14	
<b>AMR</b>	<b>98 264</b>	<b>137 645</b>	<b>138 932</b>	<b>136 987</b>	<b>142 556</b>	<b>139 253</b>	<b>135 153</b>	<b>131 295</b>	<b>129 945</b>	<b>127 574</b>	<b>125 813</b>	<b>126 319</b>	<b>124 788</b>		<b>13</b>	<b>18</b>	<b>18</b>	<b>17</b>	<b>18</b>	<b>17</b>	<b>18</b>	<b>16</b>	<b>15</b>	<b>15</b>	<b>14</b>	<b>14</b>	<b>14</b>	

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# Notes

## Argentina

A national survey of MDR-TB among a sample of notified TB cases, including the assessment of HIV status, was carried out in 2005. 50–60% of TB patients were tested for HIV and 6.7% of those tested were found to be HIV-positive.

## Belize

Streptomycin was unavailable for 1 month (November 2005).

## Dominican Republic

A cross-sectional study of HIV seroprevalence was carried out. 549 TB patients, aged between 15 and 55 years, diagnosed between August 2004 and August 2005 in 24 health centres in 10 provinces, were tested for HIV; 8.6% were HIV-positive.

## Guyana

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

## Jamaica

There were temporary shortages of ethambutol and isoniazid because the central purchasing agency was unable to obtain drugs from the usual suppliers.

## Puerto Rico

All notified cases are reported as “new”, as the surveillance system uses definitions which do not match those used by WHO. Furthermore, treatment outcomes do not match the definitions used by WHO.

## St Vincent & Grenadines

Breakdown of notified cases by age and sex is for all pulmonary cases rather than for new smear-positive cases only.

## USA

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

The surveillance system does not compile data to match exactly WHO definitions of pulmonary TB relapse, treatment after failure, treatment after default, and other re-treatment cases, i.e. the system does not capture failure and relapse as separate events. Furthermore, treatment outcomes do not match the definitions used by WHO. Only 50 of 51 reporting units provide data on HIV testing (the missing area represents approximately 20% of TB cases in 2005 and 12% of the population of the USA).