

# Country data by WHO region

Explanatory notes

**Africa**

**The Americas**

**Eastern Mediterranean**

**Europe**

**South-East Asia**

**Western Pacific**



# Explanatory notes

Country-specific data grouped by WHO region. For each country we present:

- Estimated burden of TB in 1990 (baseline year for MDG) and 2003 (the latest year covered by this report). Estimates of TB include incidence, prevalence and death rates.
- Population, TB notifications (numbers and rates), detection rates (countrywide and under DOTS), DOTS coverage and percentage of pulmonary cases that were smear-positive (DOTS and non-DOTS) in 2003.
- Treatment outcomes for cases registered in 2002 – the new smear-positive cohort for both DOTS and (where available) non-DOTS programmes, and all re-treatment cases (taken together, where available) from DOTS programmes.
- Treatment outcomes for specific re-treatment cohorts from DOTS programmes in 2002 – relapse, after-failure and after-default cohorts.
- Trends in DOTS treatment success (1994–2002) and DOTS case detection (1995–2003).
- Age and sex distribution (numbers) of new smear-positive notifications from DOTS and non-DOTS programmes.
- Age and sex rates of new smear-positive notifications countrywide.
- Notifications (numbers and rates) of TB (all forms) since 1980.
- Notifications (numbers and rates) of new smear-positive cases since 1993.
- Country notes: remarks from respondents that may help to explain data in selected countries' reports.

## Notation for 1st table

### *Country data ... estimated burden of TB*

See Methods section for information on how estimates are derived.

“Incl. HIV+” means including HIV+ TB cases; “Excl. HIV+” means excluding HIV+ TB cases.

Rate: the number per 100 000 population. (For incidence and death rates, the number represents events occurring annually.)

## Notation for 2nd table

### *Country data ... notification, detection and DOTS coverage, 2003*

Pop thousands: the population of the country or territory, expressed in thousands, from the United Nations Population Division, World Population Prospects, 2002 revision.

All cases, country, number <sup>a</sup>: the total number of TB cases according to the country's count.

All cases, WHO, number <sup>b</sup>: the total number of TB cases notified to WHO (WHO definition of a TB case notification, which includes new and relapse cases and, for the WHO European region only, cases with previous history unknown).

All cases, rate: cases notified to WHO per 100 000 population.

New cases, smear-positive, rate: per 100 000 population.

New cases, pulm confirmed: new pulmonary laboratory-confirmed cases.

Re-treatment cases: see definitions in Methods section. "Other" re-treatment includes cases that were classified as re-treatment but were not specified as relapse, after-failure or after-default.

Other, number: TB cases that were not classified as new or re-treatment. These cases plus re-treatment cases other than relapse cases make up the gap (if any) between the country's count of TB cases and WHO notifications.

Detection rate, all cases: the proportion of all estimated cases (all forms) that were notified.

Detection rate, new ss+: the proportion of estimated new smear-positive cases that were notified.

DOTS % of pop: the percentage of the population living in geographical areas nominally serviced by health facilities implementing DOTS.

DOTS, DDR: the new smear-positive detection rate of DOTS programmes.

DOTS, % of pulm. cases ss+: the percentage of new pulmonary cases in DOTS programmes that are smear-positive.

### **Notation for 3rd table**

#### *Country data ... treatment outcomes for cases registered in 2002*

Number of cases notified: the number of new smear-positive cases notified in 2002 and representing, in theory, a cohort of cases for which treatment outcomes should be monitored.

Number of cases registered: the number of new smear-positive cases ultimately reported as constituting the cohort for treatment outcome monitoring which, ideally, should be close the number of cases initially notified (see Methods section).

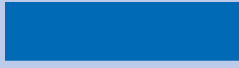
% of notif registered: the percentage of notified cases that was ultimately represented by the number of cases registered

% not eval: the difference between the number registered and the sum of the six mutually exclusive outcomes (cured, completed, died, failed, defaulted, transferred-out, see definitions in the Methods section).

Africa



**The Americas**



Eastern Mediterranean



Europe



South-East Asia



Western Pacific









## THE AMERICAS: SUMMARY OF TB CONTROL POLICIES

	STATUS <sup>a</sup>	MANUAL <sup>b</sup>	MICROSCOPY <sup>c</sup>	SCC <sup>d</sup>	DOT <sup>e</sup>	MONITORING OUTCOME <sup>f</sup>
ANGUILLA	NON-DOTS	YES				
ANTIGUA AND BARBUDA	DOTS	NO				
ARGENTINA	DOTS	YES				
BAHAMAS	DOTS	YES				
BARBADOS						
BELIZE	DOTS	YES				
BERMUDA						
BOLIVIA	DOTS	YES				
BRAZIL	DOTS	YES				
BRITISH VIRGIN ISLANDS	NON-DOTS	NO				
CANADA	DOTS	YES				
CAYMAN ISLANDS	DOTS	YES				
CHILE	DOTS	YES				
COLOMBIA	DOTS	YES				
COSTA RICA	DOTS	YES				
CUBA	DOTS					
DOMINICA						
DOMINICAN REPUBLIC	DOTS	YES				
ECUADOR	DOTS	YES				
EL SALVADOR	DOTS	YES				
GRENADA	NON-DOTS	YES				
GUATEMALA	DOTS	YES				
GUYANA	DOTS	YES				
HAITI	DOTS	YES				
HONDURAS	DOTS	YES				
JAMAICA	DOTS	NO				
MEXICO	DOTS	YES				
MONTSERRAT	DOTS	YES				
NETHERLANDS ANTILLES						
NICARAGUA	DOTS	YES				
PANAMA	DOTS	YES				
PARAGUAY	DOTS	YES				
PERU	DOTS	YES				
PUERTO RICO	DOTS	YES				
SAINT KITTS AND NEVIS	DOTS	YES				
SAINT LUCIA	DOTS	YES				
ST VINCENT & GRENADINES	DOTS	YES				
SURINAME	NON-DOTS	NO				
TURKS & CAICOS ISLANDS	NON-DOTS	NO				
TRINIDAD AND TOBAGO	NON-DOTS	YES				
URUGUAY	DOTS	YES				
US VIRGIN ISLANDS						
USA	DOTS	YES				
VENEZUELA	DOTS	YES				

AMR

	Implemented in all units/areas
	Implemented in some units/areas
	Not implemented
	Unknown

- a Status: DOTS status (bold indicates DOTS introduced in 2003. Blank indicates no report received)  
 b Manual: national TB control manual (recommended)  
 c Microscopy: use of smear microscopy for diagnosis (core component of DOTS)  
 d SCC: short course chemotherapy (core component of DOTS)  
 e DOT: directly observed treatment (core component of DOTS)  
 f Outcome monitoring: monitoring of treatment outcomes by cohort analysis (core component of DOTS)

Country data for Americas: estimated burden of TB

	Incidence, 1990			Prevalence, 1990			Death, 1990			Incidence, 2003			Prevalence, 2003			Death, 2003			
	All cases incl. HIV+	New sst. incl. HIV+	All cases excl. HIV+	All cases incl. HIV+	All cases excl. HIV+	All cases incl. HIV+	All cases incl. HIV+	All cases excl. HIV+	All cases incl. HIV+	All cases incl. HIV+	All cases excl. HIV+	All cases incl. HIV+	All cases excl. HIV+	All cases incl. HIV+	All cases incl. HIV+	All cases excl. HIV+			
	number	rate	number	number	rate	number	number	rate	number	rate	number	rate	number	number	rate	number			
Anguilla	3	31	1	4	4	4	0.4	5	3	25	1	11	5	40	5	5	0.5	5	
Antigua & Barbuda	5	8	2	4	8	13	0.8	1	5	7	2	3	7	10	0.8	1	0.8	1	
Argentina	23 579	72	10 504	32	36 733	113	3 482	11	17 024	44	7 584	20	21 377	56	2 245	6	2 154	6	
Bahamas	151	59	67	26	221	84	25	10	127	40	56	18	170	54	164	52	21	7	
Barbados	45	18	20	8	70	27	7	3	33	12	15	5	38	14	37	14	6	2	
Belize	77	41	34	18	119	64	12	6	143	56	63	25	149	58	143	56	14	5	
Bermuda	4	6	2	2	6	9	0.6	0.8	4	4	2	2	6	7	6	7	0.7	1	
Bolivia	19 334	290	8 692	130	30 266	454	2 824	42	19 849	225	8 924	101	26 548	301	26 508	301	2 969	34	
Brazil	139 850	94	62 608	42	217 589	146	20 716	14	110 319	62	49 387	28	164 385	92	163 105	91	14 613	8	
British Virgin Islands	3	19	1	8	5	29	0.5	3	3	15	6	7	5	24	5	24	0.6	3	
Canada	2 440	9	1 088	4	2 731	10	392	1	1 745	6	778	2	1 446	5	1 410	4	182	1	
Cayman Islands	1	6	0.6	2	2	9	0.2	1	2	4	1	2	3	7	3	7	0.3	1	
Chile	7 719	59	3 465	26	11 904	91	1 166	9	2 492	16	1 119	7	2 727	17	2 662	17	219	1	
Colombia	20 109	58	8 994	26	31 416	90	2 951	8	23 126	52	10 343	23	35 507	80	35 190	80	3 748	8	
Costa Rica	683	22	306	10	1 062	35	101	3	633	15	284	7	760	18	754	18	63	2	
Cuba	3 332	31	1 499	14	5 220	49	5218	49	1 216	11	547	5	1 452	13	1 451	13	120	1	
Dominica	14	19	6	9	22	30	2	3	12	16	6	7	18	23	18	23	2	3	
Dominican Republic	9 873	140	4 382	62	15 205	215	1 496	21	8 363	96	3 712	42	11 035	126	10 779	123	1 462	17	
Ecuador	20 776	202	9 327	91	32 421	316	3 057	30	17 995	138	8 078	62	27 295	210	27 198	209	3 608	28	
El Salvador	5 136	101	2 296	45	7 958	156	768	15	3 683	57	1 646	25	5 150	79	5 095	78	606	9	
Grenada	5	6	2	3	8	10	0.8	0.9	4	5	2	2	6	8	6	8	0.7	1	
Guatemala	8 734	100	3 892	44	13 528	155	1 307	15	9 180	74	4 091	33	13 097	106	12 895	104	1 564	13	
Guyana	321	44	142	19	463	63	55	8	992	130	438	57	1 405	184	1 365	178	187	24	
Haiti	32 632	472	14 113	204	44 747	647	41 753	604	26 867	323	11 619	140	34 529	415	32 174	386	5 898	71	
Honduras	5 694	117	2 529	52	8 862	182	843	17	5 643	81	2 506	36	7 272	105	7 107	102	909	13	
Jamaica	194	8	86	4	304	13	28	1	202	8	90	3	250	9	244	9	27	1	
Mexico	40 747	49	18 294	22	63 703	77	5 969	7	34 631	33	15 548	15	46 624	45	46 445	45	4 860	5	
Montserrat	1	11	0.5	5	2	18	0.2	2	0.3	9	0.1	4	0.4	12	0.4	12	0.0	1	
Netherlands Antilles	21	11	10	5	33	18	3	2	20	9	9	4	41	18	41	18	4	2	
Nicaragua	5 904	154	2 652	69	9 237	242	863	23	3 426	63	1 539	28	4 279	78	4 264	78	417	8	
Panama	1 691	70	755	31	2 646	110	247	10	1 496	48	668	21	1 635	52	1 610	52	124	4	
Paraguay	3 188	76	1 429	34	4 994	118	4 465	11	4 115	70	1 844	31	6 236	106	6 199	105	755	13	
Peru	86 299	397	38 662	178	134 728	619	12 684	58	50 957	188	22 829	84	63 257	233	62 746	231	6 193	23	
Puerto Rico	676	19	303	9	1 059	30	98	3	235	6	106	3	307	8	306	8	33	1	
Saint Kitts & Nevis	6	14	2	6	9	21	0.8	2	5	11	2	5	7	16	7	16	0.8	2	
Saint Lucia	27	21	12	9	43	32	4	3	25	17	11	8	33	22	33	22	3	2	
St Vincent & Grenadines	40	36	18	16	62	56	6	5	35	29	16	13	48	40	48	40	5	4	
Suriname	403	100	179	44	618	154	62	15	289	69	132	30	452	104	442	102	61	14	
Trinidad & Tobago	168	14	74	6	258	21	25	2	123	9	54	4	170	13	163	13	20	2	
Turks & Caicos Islands	3	25	1	11	5	39	0.4	4	4	20	2	9	6	31	6	31	0.6	3	
Uruguay	1 087	35	488	16	1 694	55	161	5	940	28	422	12	1 127	33	1 121	33	102	3	
US Virgin Islands	17	17	8	8	27	26	2	2	13	11	6	5	20	18	20	18	2	2	
USA	28 068	11	12 420	5	31 417	12	4 507	2	13 409	5	5 933	3	10 233	3	9 730	3	1 338	0.0	
Venezuela	8 417	43	3 767	19	13 178	68	1 229	6	10 711	42	4 793	19	13 489	52	13 355	52	1 416	6	
<b>Region</b>	<b>477 480</b>	<b>66</b>	<b>213 134</b>	<b>29</b>	<b>724 584</b>	<b>100</b>	<b>72 195</b>	<b>10</b>	<b>370 107</b>	<b>43</b>	<b>165 210</b>	<b>19</b>	<b>502 605</b>	<b>58</b>	<b>496 048</b>	<b>57</b>	<b>53 803</b>	<b>6</b>	<b>49 983</b>

See Explanatory notes, page 151.





Country data for the Americas: re-treatment outcomes for cases registered in 2002

	Relapse – DOTS						After failure – DOTS						After default – DOTS							
	number regist'd	% cured	% comple- ted	% died	% failed	% success	number regist'd	% cured	% comple- ted	% died	% failed	% success	number regist'd	% cured	% comple- ted	% died	% failed	% success		
Anguilla																				
Antigua & Barbuda																				
Argentina																				
Bahamas																				
Barbados																				
Belize																				
Bermuda																				
Bolivia																				
Brazil	350	40	28	8	1	69	24	21	21	13	4	42	266	32	19	6	1	28	15	51
British Virgin Islands																				
Canada																				
Cayman Islands																				
Chile																				
Colombia																				
Costa Rica	30	60	10	27	3	70	4	75	25	25		75	66	52	8	12	2	15	12	59
Cuba	58	69	19	5	2	88	4	50	25	25		50	7	29	14	14			43	29
Dominica																				
Dominican Republic	234	55	7	9	4	62	44	27	14	23	16	41	127	36	9	10	6	34	4	46
Ecuador																				
El Salvador	63	83	3	5	8	86	14	57	14	29		57	31	45	3	13		35	3	48
Grenada																				
Guatemala																				
Guyana	7	57	29	14		57	2	50	50			50	38	71	8	16	3	3		79
Haiti	215	65	5	5	2	69							68	59	7	6	13	10	4	66
Honduras	142	80	10	2	2	90														
Jamaica	5	60	20	20	6	60	1	100				100	1	100						100
Mexico	794	57	10	6	5	67	176	28	4	4	13	34	546	44	9	8	5	26	3	53
Montserrat																				
Netherlands Antilles																				
Nicaragua	146	74	8	6	8	82	23	74	4	17	4	78	74	61	5	8		26		66
Panama	46	50	24	7	15	74	12	58	33	8		58	97	20	20	11	2	43	4	39
Paraguay																				
Peru	2 263	85	3	5	5	85							297	69	3	4	22	2		69
Puerto Rico																				
Saint Kitts & Nevis																				
Saint Lucia	9	33	11			44							2			50		50		
St Vincent & Grenadines																				
Suriname																				
Trinidad & Tobago																				
Turks & Caicos Islands																				
Uruguay	27	81	19			81	3	100				100								
US Virgin Islands																				
USA																				
Venezuela	222	78	6	1	13	78														
<b>Region</b>	<b>4 611</b>	<b>73</b>	<b>6</b>	<b>5</b>	<b>4</b>	<b>78</b>	<b>307</b>	<b>35</b>	<b>7</b>	<b>8</b>	<b>13</b>	<b>21</b>	<b>1 620</b>	<b>47</b>	<b>9</b>	<b>7</b>	<b>4</b>	<b>26</b>	<b>5</b>	<b>56</b>

See Explanatory notes for previous table, page 151.

Country data for the Americas: trends in DOTS treatment success and detection rates, 1994–2003	DOTS new smear-positive treatment success (%)										DOTS new smear-positive case detection rate (%)												
	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003			
Anguilla																							
Antigua & Barbuda					50	50	100	100	100	100					44	132	44	89	45				
Argentina					55	59	54	64	58					4	20	30	38	70	65				
Bahamas					72	66	64	64	59						62	95		56	52				
Barbados																							
Belize						88	78	85						67	80	92	118		98				
Bermuda																							
Bolivia	66	62	71	77	62	74	79	82	84	84	40	78	73	76	75	72	75	76	71				
Brazil					91	89	73	67	75					4	4	8	8	8	10	18			
British Virgin Islands																							
Canada					35	79	80	67	81						45	60	61	56	76				
Cayman Islands																	126						
Chile	83	79	80	77	83	83	82	83	86	86	70	76	84	91	95	89	102	117	115				
Colombia					74	82	80	85	84						28	83		8	7				
Costa Rica					81	81	76	72	85						31	120	87	76	117				
Cuba	86	90	92	90	94	91	93	93	92	92	81	88	87	92	96	98	88	91	93				
Dominica																							
Dominican Republic																							
Ecuador						81	79	85	78						9	6	9	41	65				
El Salvador																							
Grenada					77	78	79	88	88					45	52	56	58	58	53				
Guatemala	62	61	81	73	79	81	86	85	84						56	51	41	46	44				
Guyana						91	91	90	85						10	20	10	31					
Haiti					73	79	70	73	75	78				2	12	24	22	30	40	46			
Honduras						93	88	89	86	87					2	15	62	107	117	78			
Jamaica	67	72	79	89	74	45	78	49							92	102	101	84	67	90			
Mexico					75	65	78	80	76	83	84			15	30	39	68	91	70	81			
Montserrat																							
Netherlands Antilles																							
Nicaragua	81	80	79	81	82	81	82	83	82						72	83	84	85	84	90	82	91	
Panama					51	51	80	67	73						8	43	66	84	92				
Paraguay	46	51	89	90	92	93	90	90	92						14	55	4	9	8	18			
Peru	81	83	89	90	92	93	90	90	92						101	88	94	91	87	87	86	81	
Puerto Rico					65	68	68	77	72	80	62				59	73	66	72	61	57	66	59	
Saint Kitts & Nevis						25	50								174	89		48					
Saint Lucia					67	82	89	100	50	25					118	85	77	60	52	70	71		
St Vincent & Grenadines					86	100	100	80							18	56	19						
Suriname																							
Trinidad & Tobago					71										116								
Turks & Caicos Islands																							
Uruguay	83	68	80	77	84	83	85	85	82						76	93	94	84	89	80	79	72	80
US Virgin Islands					50										75								
USA	68	74	80	72	81	82	76	82	70						84	84	82	84	84	83	84	86	89
Venezuela															73	75	75	78	82	77	67	65	80
<b>Region</b>	<b>77</b>	<b>77</b>	<b>81</b>	<b>81</b>	<b>80</b>	<b>83</b>	<b>81</b>	<b>83</b>	<b>81</b>	<b>83</b>	<b>23</b>	<b>28</b>	<b>30</b>	<b>34</b>	<b>37</b>	<b>44</b>	<b>43</b>	<b>46</b>	<b>50</b>				

Country data for the Americas: age and sex distribution of smear-positive cases in DOTs areas, 2003 (absolute numbers)

	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	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0
Antigua & Barbuda	89	574	565	413	461	366	405	99	516	513	294	241	192	231	188	1 090	1 078	707	702	558	636	636
Bahamas	0	2	5	6	3	1	3	2	2	2	4	3	2	3	2	4	7	10	6	3	6	6
Barbados	1	4	8	10	3	2	8	2	6	3	3	2	5	5	3	10	11	13	5	7	13	13
Belize	156	1 164	742	501	438	336	442	167	811	549	313	224	196	305	323	1 975	1 291	814	662	532	747	747
Bolivia	118	974	1 218	1 322	1 076	635	587	109	744	797	536	360	272	311	227	1 718	2 015	1 858	1 436	907	898	898
Brazil	3	45	58	59	52	39	94	5	37	54	53	23	24	56	8	82	112	112	75	63	150	150
British Virgin Islands																						
Canada	1	77	131	181	183	150	136	8	59	106	81	42	41	80	9	136	237	262	225	191	216	216
Cayman Islands	13	73	89	61	74	47	78	16	65	67	48	33	35	56	29	138	156	109	107	82	134	134
Chile	3	31	46	32	37	24	30	4	25	22	21	30	11	16	7	56	63	53	67	35	46	46
Colombia	2	23	90	91	63	52	79	0	11	14	20	23	13	30	2	34	104	111	86	65	109	109
Costa Rica	49	309	429	290	173	100	96	48	265	250	186	93	68	57	97	574	679	476	266	168	153	153
Cuba	18	310	266	194	125	75	96	24	217	140	94	56	44	40	42	527	406	288	181	119	136	136
Dominica	7	75	105	103	81	59	89	7	70	71	47	48	44	64	14	145	176	150	129	103	153	153
Dominican Republic	29	175	200	169	156	125	128	24	186	179	157	104	88	75	53	361	379	326	260	213	203	203
Ecuador	0	13	28	36	16	11	6	2	4	13	19	9	6	2	2	17	41	55	25	17	8	8
El Salvador	66	769	774	470	314	162	114	101	859	791	440	289	135	77	167	1 628	1 565	910	603	297	191	191
Grenada	52	20	344	235	227	161	17	42	15	232	225	236	127	23	94	35	576	460	463	288	40	40
Guatemala	1	11	9	14	12	4	6	2	7	8	2	3	0	2	3	18	17	16	15	4	8	8
Guyana	180	1 174	1 429	1 387	1 272	977	1 298	174	830	811	714	798	718	815	354	2 004	2 240	2 101	2 070	1 695	2 113	2 113
Haiti	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1
Honduras	14	179	210	135	103	68	65	42	174	150	91	71	54	48	56	353	360	226	174	122	113	113
Jamaica	6	72	93	73	60	54	48	8	49	57	35	28	10	20	14	121	150	108	88	64	68	68
Mexico	7	50	31	31	34	21	26	14	30	25	24	16	10	18	21	80	56	55	50	31	44	44
Montserrat	101	758	506	355	206	139	165	107	659	380	228	138	106	98	208	1 417	886	583	344	245	263	263
Nicaragua	0	3	5	8	10	12	9	0	3	2	3	1	3	3	0	6	7	11	11	15	12	12
Netherlands Antilles	0	0	0	1	2	2	2	0	1	1	0	3	2	1	0	1	1	1	5	4	3	3
Panama	3	46	50	35	42	38	26	1	28	24	13	13	6	14	4	74	74	48	55	44	40	40
Paraguay	13	360	518	750	821	480	641	14	268	352	307	264	169	344	27	628	870	1 057	1 085	649	985	985
Peru	37	353	454	446	404	284	314	45	330	347	235	198	139	238	82	683	801	681	602	423	552	552
Puerto Rico	969	7 644	8 405	7 410	6 448	4 425	5 009	1 067	6 272	5 960	4 195	3 349	2 520	3 033	2 036	13 916	14 365	11 605	9 797	6 945	8 042	8 042
Saint Kitts & Nevis																						
Saint Lucia																						
St Vincent & Grenadines																						
Suriname																						
Trinidad & Tobago																						
Turks & Caicos Islands																						
Uruguay																						
US Virgin Islands																						
Venezuela																						
<b>Region</b>	<b>969</b>	<b>7 644</b>	<b>8 405</b>	<b>7 410</b>	<b>6 448</b>	<b>4 425</b>	<b>5 009</b>	<b>1 067</b>	<b>6 272</b>	<b>5 960</b>	<b>4 195</b>	<b>3 349</b>	<b>2 520</b>	<b>3 033</b>	<b>2 036</b>	<b>13 916</b>	<b>14 365</b>	<b>11 605</b>	<b>9 797</b>	<b>6 945</b>	<b>8 042</b>	<b>8 042</b>

Note: the sum of cases notified by age is less than the number of new smear-positive cases notified for some countries.

## Country data for the Americas: age and sex distribution of smear-positive cases in non-DOTS areas, 2003 (absolute numbers)

	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																						
Bahamas																						
Barbados																						
Belize																						
Bermuda																						
Bolivia	264	3 511	4 491	4 712	3 787	1 954	1 470	292	2 838	2 745	2 004	1 316	729	711	556	6 349	7 236	6 716	5 103	2 683	2 181	
Brazil																						
British Virgin Islands																						
Canada																						
Cayman Islands																						
Chile																						
Colombia	224	611	727	783	779	595	683	158	597	625	464	349	257	365	382	1 208	1 352	1 247	1 128	852	1 048	
Costa Rica	2	2	1	2	2	4	3	2	2	2					2	3	3	2	2	4	3	
Cuba																						
Dominica																						
Dominican Republic	3	55	89	41	21	16	16	0	36	38	25	23	14	16	3	91	127	66	44	30	32	
Ecuador																						
El Salvador																						
Grenada																						
Guatemala																						
Guyana	10	43	83	78	42	16	7	10	31	48	37	18	4	3	20	74	131	115	60	20	10	
Haiti	23	233	207	155	92	46	33	21	255	273	166	89	30	31	44	488	480	321	181	76	64	
Honduras																						
Jamaica																						
Mexico	7	33	32	30	41	28	54	10	20	15	20	15	25	26	17	53	47	50	56	53	80	
Montserrat																						
Netherlands Antilles																						
Nicaragua																						
Panama	4	19	27	20	16	16	15	3	2	18	12	6	12	5	7	21	45	32	22	28	20	
Paraguay	4	113	143	78	89	60	65	14	57	46	53	34	30	43	18	170	189	131	123	90	108	
Peru																						
Puerto Rico																						
Saint Kitts & Nevis																						
Saint Lucia																						
St Vincent & Grenadines																						
Suriname	0	5	0	10	5	1	5	1	3	2	1	1	0	1	1	8	2	11	6	1	6	
Trinidad & Tobago	0	9	13	10	13	10	6	1	2	2	0	8	1	2	1	11	15	10	21	11	8	
Turks & Caicos Islands	0	0	2	0	0	0	0	0	0	2	0	2	0	0	0	0	4	0	2	0	0	
Uruguay																						
US Virgin Islands																						
USA																						
Venezuela	2	8	5	7	1	0	2	1	10	8	5	6	1	2	3	18	13	12	7	1	4	
<b>Region</b>	<b>541</b>	<b>4 642</b>	<b>5 820</b>	<b>5 924</b>	<b>4 888</b>	<b>2 746</b>	<b>2 359</b>	<b>511</b>	<b>3 851</b>	<b>3 824</b>	<b>2 787</b>	<b>1 867</b>	<b>1 103</b>	<b>1 205</b>	<b>1 052</b>	<b>8 493</b>	<b>9 644</b>	<b>8 711</b>	<b>6 755</b>	<b>3 849</b>	<b>3 564</b>	

Note: the sum of cases notified by age is less than the number of new smear-positive cases notified for some countries.

Country data for the Americas: smear-positive notification rates (per 100 000 population) by age and sex, 2003

	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	2	17	19	18	24	25	26	2	16	18	13	12	12	10	2	16	19	15	17	18	17	
Bahamas	0	7	19	26	22	11	39	4	7	8	17	19	18	28	2	7	13	22	20	15	33	
Barbados																						
Belize	2	15	39	73	34	40	147	4	22	15	22	24	106	92	3	18	27	47	29	72	119	
Bermuda																						
Bolivia	9	136	115	111	138	164	252	10	97	84	66	65	86	140	9	116	99	88	100	123	190	
Brazil	2	25	39	49	56	51	48	2	21	24	20	18	17	18	2	23	31	34	36	33	31	
British Virgin Islands																						
Canada	0	2	3	2	2	2	5	0	2	3	2	1	1	2	0	2	3	2	2	2	4	
Cayman Islands																						
Chile	0	6	11	15	21	27	27	0	5	9	7	5	7	11	0	5	10	11	13	16	18	
Colombia	3	16	23	29	43	57	79	3	16	19	16	17	23	34	3	16	21	22	29	39	54	
Costa Rica	0	8	14	10	19	25	30	1	6	8	7	15	10	13	1	7	11	9	17	17	21	
Cuba	0	3	9	9	10	10	14	0	1	1	2	3	2	5	0	2	5	6	7	6	9	
Dominica																						
Dominican Republic	4	40	72	57	51	49	57	3	35	43	38	30	34	34	4	38	58	48	40	41	45	
Ecuador	1	23	25	24	23	23	31	1	17	13	12	10	13	11	1	20	19	18	16	18	20	
El Salvador	1	12	19	33	35	38	59	1	11	13	13	18	25	33	1	11	16	22	26	31	44	
Grenada																						
Guatemala	1	13	23	31	43	55	60	1	15	21	28	27	37	32	1	14	22	29	35	46	45	
Guyana	9	72	163	241	189	161	79	11	46	86	101	75	48	23	10	59	124	165	127	98	47	
Haiti	5	103	168	173	165	123	100	8	115	177	154	128	81	60	7	109	173	163	145	100	78	
Honduras	4	3	66	66	103	125	14	3	2	45	64	105	94	17	3	2	56	65	104	109	16	
Jamaica	0	4	4	9	11	6	7	1	3	4	1	3	0	2	0	3	4	5	7	3	4	
Mexico	1	12	17	24	31	39	57	1	8	9	11	18	26	29	1	10	13	17	24	32	42	
Montserrat																						
Netherlands Antilles																						
Nicaragua	1	31	54	53	63	76	84	4	30	37	33	40	55	50	2	30	45	43	51	65	65	
Panama	2	32	46	44	53	75	72	2	18	29	23	24	24	27	2	25	37	33	39	49	49	
Paraguay	1	27	41	33	51	68	100	3	15	17	23	21	33	50	2	21	29	28	37	50	71	
Peru	2	28	23	21	18	19	26	2	25	18	14	12	14	13	2	27	20	18	15	17	19	
Puerto Rico	0	1	2	3	5	7	5	0	1	1	1	0	1	1	0	1	1	2	2	4	3	
Saint Kitts & Nevis																						
Saint Lucia	0	0	0	11	35	56	59	0	7	8	0	47	51	20	0	3	4	5	41	53	36	
St Vincent & Grenadines																						
Suriname	0	11	0	32	37	11	46	2	7	6	3	6	0	7	1	9	3	18	21	5	24	
Trinidad & Tobago	0	7	13	11	18	22	15	1	1	2	0	11	2	4	0	4	7	5	14	12	9	
Turks & Caicos Islands																						
Uruguay	1	17	20	17	23	27	15	0	11	10	6	7	4	5	0	14	15	11	15	15	9	
US Virgin Islands																						
USA	0	2	3	3	4	4	4	0	1	2	1	1	1	2	0	2	2	2	3	2	3	
Venezuela	1	14	23	27	35	41	58	1	14	18	14	17	19	36	1	14	20	21	26	30	46	
<b>Region</b>	<b>1</b>	<b>16</b>	<b>22</b>	<b>23</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>1</b>	<b>14</b>	<b>15</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>10</b>	<b>1</b>	<b>15</b>	<b>18</b>	<b>17</b>	<b>17</b>	<b>17</b>	<b>16</b>	

Note: rates are missing where data for smear-positive cases are missing, or where age- and sex-specific population data are not available.

Country data for the Americas: number of TB cases notified, 1980–2003

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	
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	
Antigua & Barbuda	8	3	0	1	3	2	7	0	0	3	3	0	6	0	0	3	3	4	4	3	4	1	0	1	
Argentina	16 406	16 693	17 292	17 305	16 359	15 987	14 661	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	
Bahamas	70	67	54	58	63	63	52	43	51	52	46	53	63	60	78	57	59	68	75	76	82	66	44	38	
Barbados	64	3	30	17	14	12	7	3	4	5	5	5	6	6	3	3	3	5	7	2	3	6	5	99	
Belize	21	33	34	44	140	35	25	23	41	28	30	57	89	80	59	95	99	107	123	104	106	136	135	99	
Bermuda	1	2	5	10	3	3	6	2	1	2	2	0	4	0	0	4	0	4	0	0	0	0	0	0	
Bolivia	4 412	5 072	4 777	5 178	4 131	7 679	6 837	8 960	10 664	12 563	11 166	11 223	9 520	8 614	9 431	14 422	10 194	8 853	10 132	9 863	10 127	10 531	10 201	9 836	
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	86 614	75 759	91 013	87 254	83 309	95 009	78 870	77 899	74 466	81 436	80 114	
British Virgin Islands	2 885	2 554	2 515	2 186	2 345	1 980	2 046	1 972	1 947	2 035	1 997	2 018	2 108	2 012	2 074	1 931	1 888	1 976	1 791	1 806	1 694	1 703	1 556	1 451	
Canada	0	2	0	0	1	4	1	0	0	2	2	3	3	2	2	2	0	0	3	2	5	1	0	0	
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	3 880	3 652	3 429	3 021	3 006	2 448	2 226	
Chile	11 589	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	8 901	9 912	9 702	8 042	9 155	10 999	11 630	11 480	11 376	11 640	
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	
Costa Rica	1 133	833	815	762	705	680	666	630	628	581	546	514	410	790	1 681	1 553	1 485	1 346	1 234	1 135	1 135	929	896	844	
Cuba	20	26	18	16	5	8	35	27	13	6	14	13	7	12	12	8	10	6	5	6	5	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	
Dominican Republic	3 950	3 966	3 880	3 985	4 301	4 798	5 667	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	
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	
El Salvador	17	1	1	6	4	2	1	2	0	0	4	0	3	0	3	4	0	2	2	5	0	0	1	2	
Grenada	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	2 642	
Guatemala	8 306	6 550	3 337	6 839	5 803	4 959	8 583	8 514	8 054	8 100	10 237	10 237	91	266	296	6 212	6 632	10 116	9 770	9 124	10 420	10 224	12 086	14 004	
Haiti	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	3 984	4 435	4 579	3 102	
Honduras	176	178	153	157	160	130	88	133	65	86	123	121	111	115	109	109	121	118	121	115	127	121	106	120	
Jamaica	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	
Mexico	1	0	0	1	7	9	5	13	6	5	1	1	0	0	0	0	0	1	1	2	0	0	0	1	
Montserrat	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	
Netherlands Antilles	643	580	429	413	614	709	765	770	672	846	863	750	1 146	1 146	827	1 300	1 314	1 473	1 422	1 387	1 168	1 711	1 514	1 585	
Nicaragua	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	1 745	2 072	1 946	1 831	2 115	1 950	2 073	2 107	2 175	
Panama	16 011	21 925	21 579	22 753	22 792	24 438	24 702	30 571	36 908	35 667	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	
Paraguay	686	521	473	452	418	338	363	303	275	314	159	241	257	274	274	263	110	257	201	200	174	121	129	115	
Peru	7	4	6	2	3	0	0	0	0	0	0	1	4	6	2	5	3	12	5	3	0	2	3	1	
Puerto Rico	41	39	37	48	55	21	34	25	32	28	13	25	26	24	24	11	35	22	20	16	9	15	17	14	
Saint Kitts & Nevis	78	11	14	4	23	14	9	3	6	3	2	1	4	13	0	13	6	6	8	9	16	10	10	14	
Saint Lucia	78	81	56	78	50	60	77	77	70	82	47	58	45	53	53	53	76	85	90	80	80	93	95	95	
St Vincent & Grenadines	80	82	62	112	108	112	119	122	108	124	120	141	142	112	129	166	204	260	199	159	198	206	133	147	
Suriname	2	0	2	5	0	4	2	12	0	0	0	0	0	0	0	0	0	0	0	17	645	689	3	6	
Trinidad & Tobago	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	
Turks & Caicos 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	25 287	24 361	22 860	21 119	17 314	18 199	17 521	16 362	15 980	15 055	14 861	
Uruguay	4 233	4 093	4 159	4 266	4 737	4 822	4 974	4 954	4 557	4 524	5 457	5 216	5 444	5 169	4 877	5 578	5 984	6 273	6 598	6 466	6 251	6 204	6 734	6 734	
USA	227 820	248 150	237 316	238 296	226 801	227 022	227 107	233 192	241 834	239 594	231 215	252 221	253 256	166 640	242 018	258 331	256 467	252 536	262 809	240 650	236 183	229 874	233 650	227 551	
Venezuela	42	42	42	42	42	42	42	42	41	41	41	42	39	33	35	39	39	40	39	39	38	40	43	39	
Region number reporting	95	95	95	95	95	95	95	95	93	93	93	95	89	75	80	89	89	91	89	89	86	91	98	89	
percent reporting																									

Country data for the Americas: case notification rates (per 100 000 population), 1980–2003

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Anguilla	0	0	57	0	0	0	14	0	0	0	0	0	0	0	0	20	0	0	0	0	0	0	0	0
Antigua & Barbuda	13	5	0	2	5	3	11	0	5	5	2	0	9	0	0	0	4	6	6	4	6	1	6	1
Argentina	58	59	60	59	55	53	48	43	42	39	38	37	38	41	40	39	38	35	34	32	32	31	30	28
Bahamas	33	31	25	26	23	27	22	18	21	21	18	20	24	22	28	20	20	20	30	25	25	27	14	12
Barbados	26	31	12	7	6	5	3	1	2	2	2	2	2	2	2	1	1	1	2	3	1	1	2	2
Belize	15	22	29	91	22	15	14	24	16	17	31	47	33	40	28	45	45	48	54	44	44	55	54	39
Bermuda	1	3	7	14	4	4	8	3	1	3	0	4	4	4	5	5	0	5	0	0	0	0	0	0
Bolivia	82	93	85	91	71	129	112	144	167	193	167	164	136	120	129	193	133	126	127	121	122	124	118	112
Brazil	60	69	69	67	66	62	60	58	57	55	50	56	56	48	48	57	54	50	57	47	45	43	46	45
British Virgin Islands																		16						
Canada	12	10	10	9	9	8	8	7	7	7	7	7	7	7	7	7	6	7	6	6	6	6	5	5
Cayman Islands	0	11	0	5	5	19	5	0	0	8	8	11	11	11	7	6	0	0	9	6	14	3	0	0
Chile	76	65	60	60	55	55	56	50	50	52	47	41	39	33	30	29	29	27	25	23	20	19	16	14
Colombia	41	39	41	45	41	38	36	35	34	33	36	34	31	30	24	26	25	20	22	27	28	27	26	26
Costa Rica	17	22	18	19	15	14	15	15	15	10	7	6	4	9	10	17	18	19	19	22	15	16	13	13
Cuba	12	9	8	8	7	7	6	6	6	6	5	5	4	7	15	14	13	12	11	10	10	8	8	7
Dominica	27	35	24	22	7	11	48	37	10	18	8	19	18	10	16	11	13	8	7	63	70	56	47	54
Dominican Republic	38	30	41	48	49	36	40	37	45	45	37	26	48	54	57	53	81	68	63	70	63	56	47	54
Ecuador	50	48	46	46	49	53	61	61	56	55	80	66	68	64	87	69	72	80	60	47	56	48	46	50
El Salvador	49	45	46	44	33	31	34	34	48	12	46	44	47	62	70	43	29	28	28	27	24	23	24	21
Grenada	19	1	1	7	5	2	1	2	0	5	0	1	4	0	4	5	0	2	2	6	0	1	1	2
Guatemala	82	95	101	82	87	85	61	70	69	57	44	29	27	26	26	31	32	28	25	25	26	21	24	21
Guyana	16	15	18	20	22	29	25	16	20	16	23	18	25	12	36	40	42	54	42	54	56	55	77	82
Haiti	152	117	58	117	97	81	136	132	122	120	145	145	145	12	36	83	87	131	125	115	130	126	147	168
Honduras	47	46	45	49	52	81	98	95	86	85	75	91	80	70	78	88	72	68	80	73	62	67	68	45
Jamaica	8	8	7	7	7	6	4	6	3	4	5	5	5	5	4	4	5	5	5	4	5	5	4	5
Mexico	46	47	35	32	20	20	17	19	19	19	17	18	17	17	18	12	22	25	22	20	19	19	17	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	29
Netherlands Antilles																								
Nicaragua	45	124	99	86	82	77	75	84	75	83	77	71	71	67	64	64	66	60	54	52	47	47	39	42
Panama	33	29	28	21	19	28	32	34	33	28	35	35	30	45	32	49	48	53	50	48	40	57	49	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
Peru	92	123	119	122	120	125	124	150	177	167	174	183	233	225	208	190	172	170	174	168	149	141	135	115
Puerto Rico	21	16	14	14	12	10	11	9	8	9	5	7	7	7	8	7	3	7	5	5	5	3	3	3
Saint Kitts & Nevis	16	9	14	5	7	0	0	0	0	0	0	2	10	14	5	11	7	28	12	7	0	5	7	2
Saint Lucia	36	34	32	41	46	17	28	20	25	22	10	19	19	17	17	8	25	15	14	11	6	10	11	9
St Vincent & Grenadines	78	11	14	4	22	13	9	3	6	3	2	1	4	12	0	11	5	5	7	8	14	8	8	12
Suriname	22	23	15	21	20	13	15	20	19	18	20	12	14	11	13	13	13	18	20	23	21	19	22	22
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
Turks & Caicos Islands	27	0	24	58	0	42	20	113	31	32	29	24	22	22	21	19	22	22	20	19	19	16	15	29
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
US Virgin Islands	0	1	1	2	3	1	1	2	6	4	4	4	4	4	4	4	8	8	6	7	6	6	5	5
USA	12	12	11	10	9	9	9	9	9	9	10	10	10	10	9	8	8	6	7	6	6	6	5	5
Venezuela	28	26	26	26	28	28	28	27	25	24	28	26	27	25	23	25	25	26	27	28	27	25	25	26
<b>Region</b>	<b>37</b>	<b>40</b>	<b>37</b>	<b>37</b>	<b>34</b>	<b>34</b>	<b>34</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>31</b>	<b>32</b>	<b>29</b>	<b>28</b>	<b>27</b>	<b>27</b>	<b>26</b>



# Notes

## **Brazil**

The NTP notes that age and sex data are incomplete and that treatment outcome data are provisional.

## **Ecuador**

Treatment outcomes were available from only 3 provinces.

## **Guyana**

Age and sex data are for all new cases, not just smear-positive.

## **Peru**

Age and sex data are for quarter 3 only.

## **Uruguay**

Treatment outcomes listed under new smear-positive patients are for laboratory-confirmed cases.

## **USA**

The NPT notes that treatment outcome data are provisional. Treatment outcomes listed under new smear-positive cases are for laboratory-confirmed cases.