

ANNEX 2



Global, regional and country-specific data for key indicators

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Summary by WHO region



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Estimates of mortality, prevalence and incidence

Estimated values are shown as best estimates followed by lower and upper bounds. The lower and upper bounds are defined as the 2.5th and 97.5th centiles of outcome distributions produced in simulations.

See ANNEX 1 for further details.

Estimated numbers are shown rounded to two significant figures. Estimated rates are shown rounded to three significant figures unless the value is under 100, in which case rates are shown rounded to two significant figures.

Estimates for all years are recalculated as new information becomes available and techniques are refined, so they may differ from those published in previous reports in this series. Estimates published in previous global TB control reports should no longer be used.

Graphs

Graphs where displayed show data from all years within the range stated.

Data source

Data shown in this annex are taken from the WHO global TB database on 31 August 2010. Data shown in the main part of the report were taken from the database on 17 June 2010. As a result, data in this annex may differ slightly from those in the main part of the report.

Data can be downloaded from www.who.int/tb/data.

TABLE A2.1 Estimates of the burden of disease caused by TB, 1990–2009

YEAR	POPULATION (MILLIONS)	MORTALITY (EXCLUDING HIV)		PREVALENCE (INCLUDING HIV)		INCIDENCE (INCLUDING HIV)		
		NUMBER (THOUSANDS)	RATE ^a	NUMBER (THOUSANDS)	RATE	NUMBER (THOUSANDS)	RATE	
Global	1990	5 288	1 600 (1 300–1 900)	30 (25–36)	13 000 (11 000–17 000)	253 (200–318)	6 800 (6 000–7 600)	128 (114–144)
	1995	5 711	1 400 (1 300–1 600)	25 (23–28)	13 000 (11 000–16 000)	226 (188–272)	7 400 (6 900–7 800)	129 (121–137)
	2000	6 113	1 600 (1 500–1 800)	26 (24–29)	14 000 (12 000–17 000)	231 (194–274)	8 300 (7 900–8 800)	136 (129–144)
	2005	6 509	1 500 (1 300–1 600)	23 (20–25)	14 000 (12 000–17 000)	218 (185–258)	9 200 (8 700–9 700)	141 (134–149)
	2006	6 589	1 400 (1 300–1 600)	22 (19–24)	14 000 (12 000–17 000)	213 (180–252)	9 200 (8 800–9 700)	140 (133–148)
	2007	6 668	1 400 (1 200–1 500)	21 (19–23)	14 000 (12 000–16 000)	208 (176–247)	9 300 (8 800–9 800)	139 (132–147)
	2008	6 747	1 300 (1 200–1 500)	20 (18–22)	14 000 (12 000–16 000)	203 (171–241)	9 300 (8 900–9 800)	138 (131–146)
	2009	6 826	1 300 (1 200–1 500)	20 (17–22)	14 000 (12 000–16 000)	201 (169–239)	9 400 (8 900–9 900)	137 (131–145)
	Africa	1990	508	160 (130–190)	31 (26–37)	1 400 (1 100–1 700)	273 (221–335)	870 (780–960)
1995		583	230 (210–250)	40 (37–43)	2 000 (1 700–2 300)	338 (285–401)	1 300 (1 300–1 400)	228 (217–240)
2000		661	350 (320–380)	53 (49–58)	3 000 (2 500–3 500)	450 (376–536)	2 100 (2 000–2 200)	314 (298–331)
2005		748	460 (420–500)	61 (56–67)	3 900 (3 300–4 700)	527 (439–629)	2 800 (2 600–3 000)	373 (353–395)
2006		767	460 (420–500)	60 (54–65)	4 000 (3 300–4 700)	519 (434–617)	2 800 (2 600–3 000)	365 (345–386)
2007		786	450 (410–500)	58 (52–63)	4 000 (3 300–4 700)	507 (425–602)	2 800 (2 700–3 000)	358 (338–379)
2008		805	440 (400–480)	55 (50–60)	3 900 (3 300–4 700)	489 (408–582)	2 800 (2 700–3 000)	351 (332–372)
2009		824	430 (390–470)	52 (48–58)	3 900 (3 300–4 600)	475 (398–563)	2 800 (2 700–3 000)	345 (326–364)
The Americas		1990	724	58 (43–77)	8.0 (5.9–11)	700 (510–950)	97 (70–131)	420 (360–490)
	1995	781	41 (34–49)	5.2 (4.4–6.3)	570 (440–720)	72 (56–92)	380 (350–410)	48 (45–52)
	2000	839	32 (29–37)	3.9 (3.4–4.4)	490 (380–630)	59 (46–75)	340 (310–360)	40 (37–43)
	2005	890	27 (24–30)	3.0 (2.7–3.4)	410 (330–520)	46 (37–58)	300 (280–320)	34 (32–36)
	2006	900	25 (21–30)	2.8 (2.4–3.4)	400 (320–510)	45 (35–56)	300 (280–320)	33 (31–35)
	2007	910	25 (21–29)	2.7 (2.3–3.2)	390 (310–490)	43 (34–54)	290 (270–310)	32 (30–34)
	2008	920	22 (18–27)	2.4 (2.0–2.9)	370 (290–470)	40 (32–51)	280 (260–300)	31 (29–33)
	2009	930	20 (16–24)	2.1 (1.8–2.6)	350 (280–450)	38 (30–48)	270 (260–290)	29 (27–31)
	Eastern Mediterranean	1990	389	130 (91–170)	33 (23–45)	1 000 (620–1 600)	263 (159–410)	470 (360–600)
1995		440	140 (120–160)	32 (28–37)	1 100 (740–1 600)	254 (168–369)	530 (480–600)	121 (108–135)
2000		493	160 (130–180)	32 (27–37)	1 200 (780–1 800)	244 (158–360)	580 (510–650)	117 (103–131)
2005		549	130 (110–160)	24 (20–29)	1 100 (760–1 600)	207 (138–298)	620 (550–700)	113 (100–128)
2006		560	120 (95–150)	22 (17–27)	1 100 (730–1 600)	196 (131–280)	630 (560–710)	112 (99–127)
2007		572	110 (87–140)	20 (15–25)	1 100 (710–1 600)	188 (125–271)	640 (560–730)	112 (99–127)
2008		584	100 (77–130)	17 (13–23)	1 000 (690–1 500)	177 (118–256)	650 (570–740)	112 (98–126)
2009		597	99 (74–130)	17 (12–22)	1 000 (690–1 500)	174 (116–253)	660 (590–750)	111 (98–126)
Europe		1990	849	99 (71–140)	12 (8.4–16)	820 (590–1 100)	96 (70–133)	460 (400–550)
	1995	864	86 (73–100)	10 (8.5–12)	740 (590–940)	86 (68–109)	460 (430–500)	54 (50–58)
	2000	871	75 (71–79)	8.6 (8.1–9.1)	700 (530–910)	80 (61–104)	490 (450–530)	56 (52–61)
	2005	882	71 (67–75)	8.1 (7.6–8.6)	630 (480–800)	71 (55–91)	460 (430–490)	52 (48–56)
	2006	884	64 (61–68)	7.3 (6.9–7.7)	600 (470–780)	68 (53–88)	450 (420–480)	50 (47–54)
	2007	887	63 (51–76)	7.1 (5.8–8.6)	600 (460–770)	67 (52–87)	440 (410–470)	50 (46–53)
	2008	889	61 (51–72)	6.8 (5.7–8.1)	570 (440–740)	64 (49–83)	430 (400–460)	48 (45–51)
	2009	892	62 (51–74)	6.9 (5.7–8.3)	560 (440–720)	63 (49–81)	420 (390–450)	47 (44–50)
	South-East Asia	1990	1 311	630 (440–890)	48 (33–68)	4 900 (3 000–7 600)	375 (227–580)	2 400 (1 800–3 100)
1995		1 440	480 (380–600)	33 (26–42)	4 400 (3 000–6 200)	306 (210–430)	2 600 (2 300–3 000)	183 (161–207)
2000		1 565	550 (440–680)	35 (28–44)	4 900 (3 400–6 800)	312 (216–434)	2 900 (2 500–3 200)	183 (161–207)
2005		1 689	520 (400–660)	31 (24–39)	5 000 (3 300–7 000)	293 (197–416)	3 100 (2 700–3 500)	183 (160–207)
2006		1 713	500 (380–640)	29 (22–38)	4 900 (3 300–7 000)	287 (191–409)	3 100 (2 800–3 500)	183 (161–207)
2007		1 737	480 (370–630)	28 (21–36)	4 900 (3 300–7 000)	282 (188–403)	3 200 (2 800–3 600)	183 (161–207)
2008		1 760	480 (360–630)	27 (20–36)	4 900 (3 200–7 100)	279 (184–402)	3 200 (2 800–3 600)	183 (161–206)
2009		1 784	480 (360–630)	27 (20–35)	5 000 (3 300–7 100)	278 (186–398)	3 300 (2 900–3 700)	182 (161–206)
Western Pacific		1990	1 507	510 (390–650)	34 (26–43)	4 500 (2 800–6 800)	300 (189–450)	2 100 (1 800–2 500)
	1995	1 602	460 (360–580)	29 (23–36)	4 100 (2 700–6 100)	258 (168–379)	2 000 (1 700–2 400)	127 (108–147)
	2000	1 683	440 (350–530)	26 (21–32)	3 900 (2 500–5 700)	231 (150–336)	2 000 (1 700–2 200)	116 (102–133)
	2005	1 750	280 (210–360)	16 (12–20)	3 100 (2 100–4 500)	178 (119–257)	1 900 (1 700–2 200)	110 (99–123)
	2006	1 763	250 (190–330)	14 (11–19)	3 000 (2 000–4 300)	171 (113–247)	1 900 (1 700–2 100)	109 (98–121)
	2007	1 776	240 (180–320)	14 (10–18)	2 900 (2 000–4 200)	166 (111–239)	1 900 (1 700–2 100)	108 (98–120)
	2008	1 788	240 (180–310)	13 (10–17)	2 900 (1 900–4 200)	163 (108–236)	1 900 (1 700–2 100)	107 (97–118)
	2009	1 801	240 (180–310)	13 (10–17)	2 900 (1 900–4 200)	160 (107–231)	1 900 (1 700–2 100)	107 (97–117)

^a Rates are per 100 000 population.

TABLE A2.2 Incidence, notification and case detection rates, all forms, 1990–2009

YEAR	POPULATION (MILLIONS)	INCIDENCE (INCLUDING HIV)		INCIDENCE HIV-POSITIVE		NOTIFIED NEW AND RELAPSE ^a		CASE DETECTION RATE ^a	
		NUMBER (THOUSANDS)	RATE ^b	NUMBER (THOUSANDS)	RATE ^b	NUMBER	RATE ^b	PERCENT	
Global	1990	5 288	6 800 (6 000–7 600)	128 (114–144)	180 (160–200)	3.4 (3–3.8)	3 740 196	71	55 (49–62)
	1995	5 711	7 400 (6 900–7 800)	129 (121–137)	530 (480–580)	9.2 (8.4–10)	3 400 311	60	46 (43–49)
	2000	6 113	8 300 (7 900–8 800)	136 (129–144)	910 (840–1 000)	15 (14–16)	3 737 841	61	45 (43–48)
	2005	6 509	9 200 (8 700–9 700)	141 (134–149)	1 200 (1 100–1 300)	18 (16–19)	5 130 550	79	56 (53–59)
	2006	6 589	9 200 (8 800–9 700)	140 (133–148)	1 100 (1 000–1 200)	17 (16–18)	5 402 497	82	59 (56–62)
	2007	6 668	9 300 (8 800–9 800)	139 (132–147)	1 100 (1 000–1 200)	17 (15–18)	5 572 034	84	60 (57–63)
	2008	6 747	9 300 (8 900–9 800)	138 (131–146)	1 200 (1 100–1 300)	17 (16–19)	5 721 344	85	61 (58–65)
	2009	6 826	9 400 (8 900–9 900)	137 (131–145)	1 200 (1 100–1 300)	17 (16–18)	5 889 265	86	63 (60–66)
Africa	1990	508	870 (780–960)	171 (154–189)	130 (120–150)	26 (23–30)	418 530	82	48 (43–54)
	1995	583	1 300 (1 300–1 400)	228 (217–240)	370 (340–400)	64 (59–68)	504 309	87	38 (36–40)
	2000	661	2 100 (2 000–2 200)	314 (298–331)	660 (620–730)	100 (93–110)	783 930	119	38 (36–40)
	2005	748	2 800 (2 600–3 000)	373 (353–395)	900 (820–970)	120 (110–130)	1 186 800	159	42 (40–45)
	2006	767	2 800 (2 600–3 000)	365 (345–386)	840 (770–920)	110 (100–120)	1 243 560	162	44 (42–47)
	2007	786	2 800 (2 700–3 000)	358 (338–379)	860 (770–940)	110 (98–120)	1 251 735	159	44 (42–47)
	2008	805	2 800 (2 700–3 000)	351 (332–372)	890 (800–970)	110 (100–120)	1 329 581	165	47 (44–50)
	2009	824	2 800 (2 700–3 000)	345 (326–364)	910 (820–990)	110 (99–120)	1 397 369	170	49 (47–52)
The Americas	1990	724	420 (360–490)	58 (50–68)	12 (8.7–14)	1.6 (1.2–1.9)	231 179	32	55 (47–64)
	1995	781	380 (350–410)	48 (45–52)	16 (14–18)	2.0 (1.8–2.3)	258 176	33	68 (63–74)
	2000	839	340 (310–360)	40 (37–43)	16 (14–18)	1.9 (1.7–2.2)	238 569	28	70 (66–76)
	2005	890	300 (280–320)	34 (32–36)	24 (22–27)	2.7 (2.5–3)	227 969	26	75 (70–80)
	2006	900	300 (280–320)	33 (31–35)	23 (22–26)	2.6 (2.4–2.9)	224 672	25	76 (71–81)
	2007	910	290 (270–310)	32 (30–34)	24 (21–25)	2.6 (2.3–2.8)	218 423	24	76 (71–81)
	2008	920	280 (260–300)	31 (29–33)	26 (24–29)	2.8 (2.6–3.1)	218 249	24	77 (72–83)
	2009	930	270 (260–290)	29 (27–31)	24 (22–27)	2.6 (2.4–2.9)	216 398	23	79 (74–85)
Eastern Mediterranean	1990	389	470 (360–600)	121 (94–155)	1.8 (1.2–2.6)	0.5 (0.3–0.68)	234 620	60	50 (39–64)
	1995	440	530 (480–600)	121 (108–135)	3.7 (2.8–4.8)	0.8 (0.64–1.1)	121 745	28	23 (20–26)
	2000	493	580 (510–650)	117 (103–131)	6.4 (5.4–7.9)	1.3 (1.1–1.6)	141 748	29	25 (22–28)
	2005	549	620 (550–700)	113 (100–128)	10 (8.2–13)	1.9 (1.5–2.4)	287 352	52	46 (41–53)
	2006	560	630 (560–710)	111 (99–127)	11 (9–14)	2.0 (1.6–2.5)	322 306	58	51 (45–58)
	2007	572	640 (560–730)	112 (99–127)	14 (11–17)	2.4 (1.9–3)	378 895	66	59 (52–67)
	2008	584	650 (570–740)	112 (98–126)	13 (9.9–16)	2.2 (1.7–2.7)	392 633	67	60 (53–68)
	2009	597	660 (590–750)	111 (98–126)	11 (8.4–14)	1.9 (1.4–2.4)	464 521	78	70 (62–79)
Europe	1990	849	460 (400–550)	55 (47–64)	2.9 (2.4–3.5)	0.3 (0.28–0.41)	242 429	29	52 (44–61)
	1995	864	460 (430–500)	54 (50–58)	4.8 (4.1–5.4)	0.6 (0.48–0.63)	290 031	34	62 (58–67)
	2000	871	490 (450–530)	56 (52–61)	10 (8.7–12)	1.2 (1–1.4)	373 081	43	76 (70–82)
	2005	882	460 (430–490)	52 (48–56)	15 (12–18)	1.7 (1.4–2)	365 119	41	80 (74–86)
	2006	884	450 (420–480)	50 (47–54)	11 (9.7–12)	1.2 (1.1–1.4)	359 803	41	81 (75–86)
	2007	887	440 (410–470)	50 (46–53)	14 (13–16)	1.6 (1.5–1.8)	350 504	40	80 (74–86)
	2008	889	430 (400–460)	48 (45–51)	22 (20–27)	2.5 (2.2–3)	339 164	38	80 (74–85)
	2009	892	420 (390–450)	47 (44–50)	21 (19–24)	2.4 (2.1–2.7)	331 436	37	79 (74–85)
South-East Asia	1990	1 311	2 400 (1 800–3 100)	183 (137–239)	25 (16–38)	1.9 (1.2–2.9)	1 719 365	131	72 (55–96)
	1995	1 440	2 600 (2 300–3 000)	183 (161–207)	110 (75–170)	7.9 (5.2–12)	1 401 096	97	53 (47–60)
	2000	1 565	2 900 (2 500–3 200)	183 (161–207)	190 (130–270)	12 (8.4–17)	1 414 228	90	49 (44–56)
	2005	1 689	3 100 (2 700–3 500)	183 (160–207)	190 (130–270)	11 (7.8–16)	1 789 186	106	58 (51–66)
	2006	1 713	3 100 (2 800–3 500)	183 (161–207)	190 (130–260)	11 (7.6–15)	1 920 644	112	61 (54–70)
	2007	1 737	3 200 (2 800–3 600)	183 (161–207)	190 (140–240)	11 (8.1–14)	2 007 193	116	63 (56–72)
	2008	1 760	3 200 (2 800–3 600)	183 (161–206)	180 (130–250)	10 (7.3–14)	2 078 238	118	65 (57–73)
	2009	1 784	3 300 (2 900–3 700)	182 (161–206)	180 (130–250)	10 (7.1–14)	2 124 370	119	65 (58–74)
Western Pacific	1990	1 507	2 100 (1 800–2 500)	141 (117–168)	5.3 (3.2–8)	0.35 (0.21–0.53)	894 073	59	42 (35–51)
	1995	1 602	2 000 (1 700–2 400)	127 (108–147)	18 (12–24)	1.1 (0.75–1.5)	824 954	51	41 (35–48)
	2000	1 683	2 000 (1 700–2 200)	116 (102–133)	27 (20–35)	1.6 (1.2–2.1)	786 285	47	40 (35–46)
	2005	1 750	1 900 (1 700–2 200)	110 (99–123)	33 (26–42)	1.9 (1.5–2.4)	1 274 124	73	66 (59–74)
	2006	1 763	1 900 (1 700–2 100)	109 (98–121)	33 (26–42)	1.9 (1.5–2.4)	1 331 512	76	69 (62–77)
	2007	1 776	1 900 (1 700–2 100)	108 (98–120)	36 (28–44)	2.0 (1.6–2.5)	1 365 284	77	71 (64–79)
	2008	1 788	1 900 (1 700–2 100)	107 (97–118)	36 (29–45)	2.0 (1.6–2.5)	1 363 479	76	71 (64–79)
	2009	1 801	1 900 (1 700–2 100)	107 (97–117)	36 (27–45)	2.0 (1.5–2.5)	1 355 171	75	70 (64–78)

^a Where notification data from a country had not been received by 31 August, the notification rate was assumed to be the same as for 2008 (in *italics*).

^b Rates are per 100 000 population.

TABLE A2.3 Case notifications, 1990–2009

	NEW AND RELAPSE NOTIFICATION RATE ^a 1990–2009	YEAR	NEW AND RELAPSE ^a	NEW CASES				RELAPSE	RE-TREAT EXCL. RELAPSE	TOTAL RETREAT	HISTORY UNKNOWN	% SMEAR-POS AMONG NEW PULM
				SMEAR-POSITIVE	SMEAR-NEGATIVE/ UNKNOWN	EXTRA-PULMONARY	OTHER					
Global		1990	3 740 196	28 636	22 083	4 055	0	562	0	562	29	56
		1995	3 400 311	1 175 286	1 811 842	262 727	5	59 240	0	59 240	44	39
		2000	3 737 841	1 535 209	1 613 006	397 754	37	115 070	236 637	351 707	56	49
		2005	5 130 550	2 413 758	1 722 467	686 607	8 174	259 936	405 863	665 799	18 611	58
		2006	5 402 497	2 537 902	1 839 580	725 138	5 015	290 576	409 364	699 940	15 325	58
		2007	5 572 034	2 580 698	1 937 465	770 811	2 980	280 080	484 226	764 306	8 659	57
		2008	5 721 344	2 656 147	1 980 389	785 495	18 429	280 884	494 519	775 403	16 849	57
2009	5 889 265	2 648 829	2 031 845	828 124	17 337	283 647	353 429	637 076	30 342	57		
Africa		1990	418 530	22 654	5827	1 885	0	382	0	382	0	80
		1995	504 309	212 910	191477	72 689	0	15 133	0	15 133	0	53
		2000	783 930	362 527	220072	139 370	0	18 905	68527	87 432	0	62
		2005	1 186 800	550 001	364789	208 979	2 940	60 091	65883	125 974	2 649	60
		2006	1 243 560	561 064	383306	221 844	1 860	75 486	75589	151 075	1 479	59
		2007	1 251 735	561 149	408964	223 322	1 184	57 116	74165	131 281	792	58
		2008	1 329 581	595 184	446859	232 864	1 484	53 190	82374	135 564	4 607	57
2009	1 397 369	607 347	472740	252 125	10 345	54 812	61595	116 407	305	56		
The Americas		1990	231 179	1 542	516	723	0	180	0	180	29	75
		1995	258 176	138 928	72304	32 990	5	1 723	0	1 723	44	66
		2000	238 569	131 286	60389	32 037	37	10 834	14344	25 178	56	68
		2005	227 969	124 809	56048	33 278	3 684	10 150	12479	22 629	2 106	69
		2006	224 672	125 175	54706	32 413	1 921	10 457	10896	21 353	565	70
		2007	218 423	119 836	55040	32 564	990	9 993	11043	21 036	704	69
		2008	218 249	119 862	51818	33 218	3 343	10 008	13193	23 201	232	70
2009	216 398	110 598	44957	31 384	4 363	10 263	10966	21 229	3 885	71		
Eastern Mediterranean		1990	234 620	1 587	12394	754	0	0	0	0	0	11
		1995	121 745	46 851	51823	33 382	0	2 407	0	2 407	0	47
		2000	141 748	60 959	34289	40 754	0	5 568	0	5 568	0	64
		2005	287 352	113 864	102366	64 615	12	6 495	5338	11 833	20	53
		2006	322 306	131 882	115038	66 545	0	8 841	3474	12 315	17	53
		2007	378 895	155 572	136865	76 898	0	9 560	4338	13 898	131	53
		2008	392 633	166 558	137780	77 247	0	11 048	5393	16 441	18	55
2009	464 521	177 213	187049	87 726	809	11 724	6240	17 964	737	49		
Europe		1990	242 429	0	0	0	0	0	0	0	0	–
		1995	290 031	104 444	146592	29 866	0	7 927	0	7 927	0	42
		2000	373 081	94 275	208051	35 043	0	21 611	19248	40 859	0	31
		2005	365 119	96 101	157334	49 831	0	22 245	64903	87 148	3 530	38
		2006	359 803	109 901	170786	56 363	0	22 753	56193	78 946	3 308	39
		2007	350 504	105 288	165777	53 623	0	25 816	122800	148 616	2 374	39
		2008	339 164	105 238	159280	42 915	8 858	22 873	112513	135 386	8 021	40
2009	331 436	78 538	131200	36 678	0	20 375	38235	58 610	18 582	37		
South-East Asia		1990	1 719 365	2 769	3241	656	0	0	0	0	0	46
		1995	1 401 096	357 882	939945	76 865	0	5 546	0	5 546	0	28
		2000	1 414 228	510 053	741471	120 708	0	27 095	80444	107 539	0	41
		2005	1 789 186	857 371	594185	242 332	1 439	93 859	158215	252 074	202	59
		2006	1 920 644	938 637	609705	261 839	1 188	109 275	182640	291 915	1 389	61
		2007	2 007 193	972 441	622795	295 866	798	115 293	194736	310 029	220	61
		2008	2 078 238	1 007 382	635427	310 700	1 866	122 863	209433	332 296	132	61
2009	2 124 370	1 028 656	636755	329 338	1 796	127 825	203598	331 423	261	62		
Western Pacific		1990	894 073	84	105	37	0	0	0	0	0	44
		1995	824 954	314 271	409701	16 935	0	26 504	0	26 504	0	43
		2000	786 285	376 109	348734	29 842	0	31 057	54074	85 131	0	52
		2005	1 274 124	671 612	447745	87 572	99	67 096	99045	166 141	10 104	60
		2006	1 331 512	671 243	506039	86 134	46	63 764	80572	144 336	8 567	57
		2007	1 365 284	666 412	548024	88 538	8	62 302	77144	139 446	4 438	55
		2008	1 363 479	661 923	549225	88 551	2 878	60 902	71613	132 515	3 839	55
2009	1 355 171	646 477	559144	90 873	24	58 648	32795	91 443	6 572	54		

^a Rates are per 100 000 population. Where notification data from a country had not been received by 31 August, the notification rate was assumed to be the same as for 2008 (in italics).

TABLE A2.4 Treatment outcomes, new smear-positive cases, 1995–2008

	TREATMENT SUCCESS (%) ^a 1995–2008	YEAR	NUMBER NOTIFIED	SIZE OF COHORT	COHORT AS % NOTIFIED	% OF COHORT					
						CURED	COMPLETED	DIED	FAILED	DEFAULTED	NOT EVALUATED
Global		1995	1 175 286	1 000 525	85	40	17	3	1	5	34
		2000	1 535 209	1 450 685	94	60	9	4	1	7	19
		2005	2 413 758	2 396 101	99	77	7	4	2	5	4
		2006	2 537 902	2 525 665	100	78	7	4	2	5	5
		2007	2 580 698	2 589 414	100	79	7	4	2	5	4
Africa		2008	2 656 147	2 603 605	98	80	7	4	2	5	4
		1995	212 910	177 513	83	46	14	6	2	12	20
		2000	362 527	362 527	100	59	12	7	1	11	10
		2005	550 001	563 750	102	62	13	7	1	9	7
		2006	561 064	562 920	100	65	10	6	1	8	9
The Americas		2007	561 149	576 751	103	68	11	6	1	7	6
		2008	595 184	576 473	97	70	10	6	2	7	6
		1995	138 928	128 529	93	37	14	3	1	6	39
		2000	131 286	110 629	84	60	17	5	1	8	11
		2005	124 809	118 781	95	55	23	5	1	7	10
Eastern Mediterranean		2006	125 175	132 078	106	52	23	4	1	7	13
		2007	119 836	114 472	96	57	22	5	1	8	8
		2008	119 862	108 965	91	56	21	5	1	7	10
		1995	46 851	46 318	99	60	19	2	3	13	4
		2000	60 959	63 749	105	69	12	4	2	8	6
Europe		2005	113 864	113 742	100	72	11	3	1	8	5
		2006	131 882	132 058	100	75	11	3	1	6	4
		2007	155 572	155 658	100	75	12	3	1	5	4
		2008	166 558	166 719	100	74	13	2	1	5	4
		1995	104 444	33 823	32	58	10	6	6	4	16
South-East Asia		2000	94 275	41 464	44	47	28	5	6	6	7
		2005	96 101	81 183	84	59	13	8	7	7	5
		2006	109 901	97 623	89	59	10	8	9	7	6
		2007	105 288	108 146	103	59	12	8	9	7	5
		2008	105 238	83 549	79	59	8	9	12	7	5
Western Pacific		1995	357 882	318 410	89	9	23	1	0	2	64
		2000	510 053	512 286	100	44	6	2	1	7	40
		2005	857 371	855 962	100	83	4	4	2	6	1
		2006	938 637	937 764	100	84	4	4	2	5	1
		2007	972 441	973 507	100	84	4	4	2	5	1
Western Pacific		2008	1 007 382	1 011 353	100	84	4	4	2	5	1
		1995	314 271	295 932	94	67	13	2	1	4	13
		2000	376 109	360 030	96	85	5	2	1	2	4
		2005	671 612	662 683	99	89	3	2	1	1	3
		2006	671 243	663 222	99	89	3	2	1	1	4
2007	666 412	660 880	99	89	3	2	1	1	4		
2008	661 923	656 546	99	89	3	2	1	1	4		

^a TREATMENT SUCCESS = percent cured + percent completed then rounded to the nearest digit.

TABLE A2.5 Treatment outcomes, retreatment cases, 1995–2008

	TREATMENT SUCCESS (%) ^a 1995–2008	YEAR	NUMBER NOTIFIED	SIZE OF COHORT	COHORT AS % NOTIFIED	% OF COHORT					
						CURED	COMPLETED	DIED	FAILED	DEFAULTED	NOT EVALUATED
Global		1995	59 240	71 395	121	82	4	3	3	3	4
		2000	351 707	188 219	54	60	10	6	4	11	10
		2005	665 799	546 168	82	51	19	7	4	12	6
		2006	699 940	600 988	86	49	20	7	6	11	6
		2007	764 306	532 951	70	58	10	7	6	11	8
Africa		2008	775 403	569 496	73	49	23	7	5	10	5
		1995	15 133	5 756	38	57	12	9	3	12	6
		2000	87 432	43 865	50	47	11	9	3	16	14
		2005	125 974	114 838	91	35	27	11	3	13	12
		2006	151 075	98 862	65	49	17	7	5	11	11
The Americas		2007	131 281	112 807	86	52	15	7	4	10	11
		2008	135 564	87 999	65	47	24	7	4	8	10
		1995	1 723	1 104	64	61	11	6	4	11	8
		2000	25 178	15 302	61	47	8	5	3	12	25
		2005	22 629	18 596	82	38	16	6	3	15	21
Eastern Mediterranean		2006	21 353	17 446	82	29	25	6	2	16	22
		2007	21 036	18 975	90	35	23	7	3	18	15
		2008	23 201	15 482	67	29	23	8	2	20	17
		1995	2 407	1 860	77	61	14	3	4	12	5
		2000	5 568	4 217	76	51	11	6	7	15	11
Europe		2005	11 833	12 860	109	60	15	5	4	10	6
		2006	12 315	14 039	114	58	18	4	3	11	6
		2007	13 898	14 372	103	60	17	4	3	10	5
		2008	16 441	14 990	91	57	19	4	3	11	6
		1995	7 927	480	6	20	20	11	8	32	8
South-East Asia		2000	40 859	10 731	26	39	19	9	14	11	8
		2005	87 148	39 490	45	32	18	11	13	14	10
		2006	78 946	83 463	106	22	26	12	15	11	13
		2007	148 616	69 305	47	28	24	11	19	12	7
		2008	135 386	52 267	39	29	18	11	21	12	8
Western Pacific		1995	5 546	3 271	59	62	6	4	5	15	8
		2000	107 539	59 337	55	57	14	6	5	15	3
		2005	252 074	254 378	101	49	22	7	5	15	2
		2006	291 915	290 910	100	47	25	7	4	14	2
		2007	310 029	227 767	73	63	3	7	5	13	8
Western Pacific		2008	332 296	323 436	97	47	28	7	4	12	2
		1995	26 504	58 924	222	88	2	3	3	1	3
		2000	85 131	54 767	64	83	3	2	2	1	9
		2005	166 141	106 006	64	81	6	3	3	2	6
		2006	144 336	96 268	67	80	6	3	3	2	6
2007	139 446	89 725	64	79	7	3	3	2	6		
2008	132 515	75 322	57	80	6	3	2	2	7		

^a TREATMENT SUCCESS = percent cured + percent completed then rounded to the nearest digit.

TABLE A.6 HIV testing and provision of CPT, ART and IPT, 2005–2009

	YEAR	% OF TB PATIENTS WITH KNOWN HIV STATUS 2005–2009	% OF TB PATIENTS WITH KNOWN HIV STATUS	NUMBER OF TB PATIENTS WITH KNOWN HIV STATUS	PATIENTS NOTIFIED (NEW AND RETREAT) ^a	NUMBER OF HIV-POSITIVE TB PATIENTS	% OF TESTED TB PATIENTS HIV-POSITIVE	% OF HIV-POSITIVE TB PATIENTS ON CPT	% OF HIV-POSITIVE TB PATIENTS ON ART	NUMBER OF HIV-POSITIVE PEOPLE PROVIDED IPT
Global	2005	8.5	8.5	470 095	5 555 024	103 738	22	77	35	25 911
	2006	12	12	692 408	5 827 186	192 067	27	77	45	27 056
	2007	20	20	1 218 927	6 064 919	320 179	26	66	30	29 195
Africa	2008	23	23	1 416 180	6 232 712	369 334	26	71	32	50 883
	2009	27	27	1 689 849	6 193 584	444 984	26	75	37	85 426
	2005	11	11	141 006	1 255 332	73 385	52	78	29	22 211
The Americas	2006	22	22	285 826	1 320 628	147 406	52	82	44	23 100
	2007	38	38	510 014	1 326 692	260 319	51	72	30	15 357
	2008	47	47	661 204	1 416 562	309 836	47	73	30	25 553
Eastern Mediterranean	2009	55	55	796 275	1 459 269	364 449	46	76	36	60 509
	2005	35	35	84 022	242 554	14 229	17	22	80	3 700
	2006	40	40	94 567	236 133	13 884	14	13	92	1 784
Europe	2007	43	43	99 517	230 170	16 314	16	25	63	5 878
	2008	44	44	101 630	231 674	16 832	17	33	67	11 728
	2009	41	41	87 967	216 416	14 762	17	61	73	4 568
South-East Asia	2005	<1	<1	2 582	292 710	330	15	18	16	0
	2006	1.1	1.1	3 657	325 797	275	7.5	20	13	79
	2007	1.2	1.2	4 424	383 364	522	11	40	55	141
Western Pacific	2008	6.1	6.1	24 280	398 044	1 158	4.6	42	43	702
	2009	8.7	8.7	40 819	471 498	1 478	3.6	43	42	464
	2005	41	41	178 033	433 552	6 548	2.7	25	15	0
Africa	2006	46	46	191 698	419 304	5 339	1.8	50	45	1 347
	2007	72	72	341 822	475 678	9 724	2.8	65	28	7 453
	2008	85	85	392 077	459 698	12 358	3.2	58	31	12 003
The Americas	2009	86	86	279 354	323 608	9 275	3.2	18	21	17 772
	2005	1.6	1.6	31 847	1 947 603	7 025	22	50	31	0
	2006	4.2	4.2	89 418	2 104 673	21 630	19	41	20	444
Europe	2007	6.3	6.3	139 318	2 202 149	22 593	13	30	15	1
	2008	3.7	3.7	84 045	2 287 803	18 599	22	59	37	208
	2009	14	14	317 615	2 328 229	40 790	13	75	52	467
South-East Asia	2005	2.4	2.4	32 605	1 383 273	2 221	6.8	32	51	0
	2006	1.9	1.9	27 242	1 420 651	3 533	13.0	58	29	302
	2007	8.6	8.6	123 832	1 446 866	10 707	8.6	22	14	365
Western Pacific	2008	11	11	152 944	1 438 931	10 551	6.9	55	28	689
	2009	12	12	167 819	1 394 564	14 230	8.5	64	16	1 646

^a Data presented as of 31 August 2010. Notification data for European Union countries were not available.

TABLE A2.7 Testing for MDR-TB and number of confirmed cases of MDR-TB, 2005–2009

YEAR	TOTAL CONFIRMED CASES OF MDR-TB ^a	NEW CASES			PREVIOUSLY TREATED CASES					
		NOTIFIED	NUMBER OF NOTIFIED TESTED FOR MDR-TB	% OF NOTIFIED TESTED FOR MDR-TB	NUMBER OF CONFIRMED CASES OF MDR-TB	NOTIFIED	NUMBER OF NOTIFIED TESTED FOR MDR-TB	% OF NOTIFIED TESTED FOR MDR-TB	NUMBER OF CONFIRMED CASES OF MDR-TB	
Global	2005	18 424	4 831 006	71 629	1	1 990	665 799	23 553	4	7 018
	2006	22 626	5 107 635	91 270	2	6 875	699 940	27 232	4	8 976
	2007	29 708	5 291 954	104 280	2	8 137	764 306	37 261	5	12 252
	2008	29 423	5 440 460	99 613	2	8 882	775 403	41 793	5	11 889
Africa	2009	39 060	5 526 166	71 788	1	10 361	637 076	29 833	5	12 795
	2005	2 457	1 126 709	1 826	0	277	125 974	3 922	3	2 073
	2006	7 062	1 168 074	815	0	74	151 075	2 498	2	202
	2007	8 772	1 194 619	523	0	47	131 281	7 043	5	709
The Americas	2008	7 736	1 276 391	2 566	0	177	135 564	9 614	7	957
	2009	8 798	1 342 557	1 678	0	182	116 407	4 124	4	1 165
	2005	4 387	2 17 819	14 884	7	336	22 629	10 585	47	3 059
	2006	1 635	2 14 215	13 271	6	957	21 353	2 001	9	689
Eastern Mediterranean	2007	2 522	208 430	13 060	6	532	21 036	4 181	20	1 839
	2008	2 209	208 241	12 571	6	352	23 201	4 307	19	1 515
	2009	2 884	191 302	11 513	6	993	21 229	3 056	14	1 134
	2005	345	280 857	1 317	0	35	11 833	83	1	41
Europe	2006	244	313 465	1 905	1	53	12 315	366	3	164
	2007	486	369 335	2 216	1	87	13 898	938	7	377
	2008	547	381 585	2 089	1	92	16 441	1 547	9	334
	2009	496	452 797	1 760	0	80	17 964	1 274	7	395
South-East Asia	2005	10 828	303 266	32 136	11	1 299	87 148	6 682	8	1 681
	2006	12 282	337 050	68 324	20	5 709	78 946	19 881	25	6 711
	2007	16 062	324 688	76 601	24	7 351	148 616	22 228	15	8 572
	2008	15 869	316 291	75 751	24	8 182	135 386	20 691	15	7 167
Western Pacific	2009	22 322	246 416	53 159	22	8 020	58 610	15 628	27	7 008
	2005	68	1 695 327	661	0	9	252 074	420	0	25
	2006	775	1 811 369	614	0	4	291 915	1 184	0	702
	2007	918	1 891 900	1 649	0	31	310 029	1 275	0	287
Africa	2008	1 864	1 955 375	902	0	22	332 296	3 333	1	1 022
	2009	2 560	1 996 545	950	0	10	331 423	5 069	2	2 538
	2005	339	1 207 028	20 805	2	34	166 141	1 861	1	139
	2006	628	1 263 462	6 341	1	78	144 336	1 302	1	508
The Americas	2007	948	1 302 982	10 231	1	89	139 446	1 596	1	468
	2008	1 198	1 302 577	5 734	0	57	132 515	2 301	2	894
	2009	2 000	1 296 549	2 728	0	1 076	91 443	682	1	555

^a TOTAL CONFIRMED CASES OF MDR-TB includes cases with unknown previous treatment history (i.e. not included under NEW CASES or PREVIOUSLY TREATED CASES).

TABLE A2.8 New smear-positive case notification by age and sex, 1995–2009

YEAR	MALE								UN-KNOWN	FEMALE								MALE/FEMALE RATIO
	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+	UN-KNOWN		
Global	1995	7 491	48 816	76 799	65 677	49 513	41 756	34 776	0	7 730	41 378	50 102	32 741	22 688	17 816	16 686	0	1.7
	2000	12 387	115 246	172 895	156 265	121 278	82 838	75 151	0	14 748	94 643	110 305	74 707	49 823	33 699	33 623	0	1.8
	2005	18 413	242 359	329 714	312 522	261 230	184 836	166 846	42	26 179	199 697	220 525	153 504	106 028	72 019	65 707	15	1.8
	2009	19 501	256 007	334 995	327 649	282 775	210 491	173 152	25	28 134	211 999	217 154	160 324	111 994	80 068	70 910	10	1.8
Africa	1995	2 910	16 754	28 172	20 240	12 017	7 008	4 104	0	3 167	15 873	19 005	11 339	6 643	3 655	1 734	0	1.5
	2000	3 625	29 522	47 654	34 435	17 923	9 970	5 751	0	4 315	29 530	35 396	20 037	9 402	4 581	2 578	0	1.4
	2005	7 635	54 066	94 988	71 072	40 974	18 931	12 143	0	10 023	57 115	75 056	43 213	22 855	11 047	7 163	0	1.3
	2009	8 363	56 550	101 957	82 660	49 205	24 021	14 313	0	10 727	68 612	77 695	51 285	26 830	13 675	8 586	0	1.3
The Americas	1995	437	2 888	3 443	3 156	2 447	1 866	2 251	0	431	2 293	2 434	1 654	1 109	912	1 311	0	1.6
	2000	3 464	18 564	21 865	19 784	15 138	9 897	9 717	0	3 535	15 305	14 960	10 323	7 294	5 037	5 894	0	1.6
	2005	1 520	16 410	16 671	14 369	12 339	7 801	7 951	0	1 718	12 405	11 563	7 891	5 933	3 788	4 751	0	1.6
	2009	1 005	10 620	12 789	10 625	10 340	6 893	6 844	23	1 127	7 254	7 508	5 195	4 526	3 097	3 869	10	1.8
Eastern Mediterranean	1995	2 010	6 796	8 673	5 475	3 731	3 732	2 604	0	1 881	5 035	5 797	3 679	3 047	2 742	1 902	0	1.4
	2000	1 339	8 135	9 002	6 525	4 409	2 990	3 036	0	1 711	6 710	5 780	3 922	2 851	2 039	1 893	0	1.4
	2005	1 546	13 558	14 609	10 798	8 729	6 581	5 595	0	2 766	13 529	12 098	8 386	6 245	4 383	3 399	0	1.2
	2009	1 932	19 104	19 698	15 108	13 739	10 741	9 504	1	3 811	20 865	17 264	12 847	9 673	7 409	6 109	0	1.2
Europe	1995	553	3 588	7 046	10 157	7 625	5 716	4 842	0	548	2 906	3 636	2 594	1 549	1 560	3 289	0	2.5
	2000	201	4 632	8 325	9 856	8 066	4 309	3 316	0	289	3 508	4 405	2 947	1 798	1 247	2 484	0	2.3
	2005	297	6 173	9 145	9 146	8 702	4 443	4 077	42	423	4 664	5 096	3 162	2 241	1 333	3 166	15	2.1
	2009	114	7 109	13 255	12 112	12 286	5 990	3 154	0	204	4 547	6 075	3 884	2 978	1 789	2 793	0	2.4
South-East Asia	1995	165	3 179	6 467	6 508	5 241	4 682	3 523	0	250	2 187	2 834	2 404	2 003	1 866	1 480	0	2.3
	2000	2 453	30 093	45 720	47 107	38 058	25 080	16 208	0	3 222	21 518	25 653	19 241	13 019	8 142	5 468	0	2.1
	2005	5 064	94 638	120 560	122 256	107 228	74 084	45 533	0	8 591	71 923	76 779	54 000	37 709	24 289	12 975	0	2.0
	2009	6 523	103 431	123 094	128 467	116 158	86 821	53 381	0	10 585	72 775	75 496	55 572	41 529	28 954	16 502	0	2.0
Western Pacific	1995	1 416	15 611	22 998	20 141	18 452	18 752	17 452	0	1 453	13 084	16 396	11 071	8 337	7 081	6 970	0	1.8
	2000	1 305	24 300	40 329	38 558	37 684	31 592	37 123	0	1 676	18 072	24 121	18 237	15 459	12 653	15 506	0	2.0
	2005	2 351	57 514	74 341	84 881	83 258	72 996	91 547	0	2 658	40 061	39 933	36 852	31 045	27 179	34 253	0	2.2
	2009	1 564	59 193	64 202	78 677	81 047	76 025	85 956	1	1 680	37 946	33 116	31 541	26 458	25 144	33 051	0	2.4

^a Data presented as of 31 August 2010. Notification data for countries that are members of the European Union were not available.

African Region



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Estimates of mortality, prevalence and incidence

Estimated values are shown as best estimates followed by lower and upper bounds. The lower and upper bounds are defined as the 2.5th and 97.5th centiles of outcome distributions produced in simulations.

See ANNEX 1 for further details.

Estimated numbers are shown rounded to two significant figures. Estimated rates are shown rounded to three significant figures unless the value is under 100, in which case rates are shown rounded to two significant figures.

Estimates for all years are recalculated as new information becomes available and techniques are refined, so they may differ from those published in previous reports in this series. Estimates published in previous global TB control reports should no longer be used.

Graphs

Graphs where displayed show data from all years within the range stated.

Data source

Data shown in this annex are taken from the WHO global TB database on 31 August 2010. Data shown in the main part of the report were taken from the database on 17 June 2010. As a result, data in this annex may differ slightly from those in the main part of the report.

Data can be downloaded from www.who.int/tb/data.

TABLE A2.1 Estimates of the burden of disease caused by TB, 1990–2009

YEAR	POPULATION (MILLIONS)	MORTALITY (EXCLUDING HIV)		PREVALENCE (INCLUDING HIV)		INCIDENCE (INCLUDING HIV)		
		NUMBER (THOUSANDS)	RATE ^a	NUMBER (THOUSANDS)	RATE	NUMBER (THOUSANDS)	RATE	
Algeria	1990	25	0.45 (0.3–0.61)	1.8 (1.2–2.4)	12 (2.8–22)	49 (11–88)	9.5 (5.2–14)	38 (21–54)
	1995	28	0.56 (0.37–0.75)	2 (1.3–2.7)	15 (3.4–27)	54 (12–97)	12 (9.6–14)	42 (34–51)
	2000	31	0.71 (0.47–0.96)	2.3 (1.5–3.1)	20 (4.4–35)	64 (14–114)	15 (12–17)	48 (38–57)
	2005	33	0.93 (0.55–1.1)	2.5 (1.7–3.4)	23 (5.1–41)	69 (16–123)	18 (14–21)	54 (43–65)
	2006	33	0.95 (0.56–1.1)	2.5 (1.7–3.4)	23 (5.2–42)	70 (16–125)	18 (15–22)	55 (44–66)
	2007	34	0.84 (0.55–1.1)	2.5 (1.6–3.3)	23 (5.2–41)	68 (15–121)	19 (15–23)	57 (45–68)
	2008	34	0.85 (0.56–1.1)	2.5 (1.6–3.3)	23 (5.2–41)	68 (15–120)	20 (16–24)	58 (46–70)
	2009	35	0.85 (0.56–1.1)	2.4 (1.6–3.3)	23 (5.2–42)	67 (15–119)	21 (17–25)	59 (48–72)
Angola	1990	11	4.5 (1.9–8.5)	42 (17–80)	39 (15–77)	364 (139–722)	22 (12–32)	205 (113–298)
	1995	13	7 (5.2–9)	55 (41–71)	54 (25–89)	434 (202–712)	28 (23–34)	226 (181–272)
	2000	14	6.9 (4.8–9.4)	48 (34–66)	61 (28–99)	424 (197–691)	36 (29–43)	250 (200–300)
	2005	17	3.2 (1.5–6.2)	19 (9.3–37)	54 (17–94)	325 (103–566)	46 (37–55)	276 (224–331)
	2006	17	3.3 (1.6–6.6)	19 (9.3–38)	57 (18–99)	331 (104–578)	48 (38–58)	281 (225–337)
	2007	18	3.3 (1.6–6.5)	19 (9.3–37)	59 (18–100)	334 (104–579)	50 (41–60)	287 (235–344)
	2008	18	5 (2.6–8.6)	28 (15–48)	68 (26–120)	376 (142–639)	53 (45–63)	292 (247–351)
	2009	18	5.5 (3–9.2)	30 (16–50)	72 (28–120)	388 (151–660)	55 (46–65)	298 (249–352)
Benin	1990	5	0.65 (0.22–1.4)	14 (4.7–28)	6.1 (2.1–13)	128 (44–264)	3.7 (2.1–5.3)	77 (43–111)
	1995	6	0.83 (0.56–1.2)	15 (9.8–20)	7.4 (3.4–12)	129 (60–215)	4.6 (3.7–5.5)	80 (64–97)
	2000	7	0.99 (0.68–1.4)	15 (10–21)	8.8 (4.1–14)	132 (62–215)	5.6 (4.5–6.8)	85 (68–102)
	2005	8	1.2 (0.85–1.7)	16 (11–22)	11 (5.1–18)	139 (65–229)	7 (5.6–8.4)	89 (71–107)
	2006	8	1.3 (0.88–1.8)	16 (11–22)	11 (5.4–19)	141 (66–231)	7.3 (5.8–8.8)	90 (72–108)
	2007	8	1.3 (0.9–1.8)	16 (11–22)	12 (5.6–20)	141 (66–233)	7.6 (6.1–9.2)	91 (73–109)
	2008	9	1.4 (0.98–1.9)	16 (11–22)	12 (5.8–20)	143 (67–233)	7.9 (6.4–9.5)	92 (73–110)
	2009	9	1.5 (1–2)	17 (12–22)	13 (6.2–21)	146 (69–238)	8.3 (6.7–10)	93 (75–112)
Botswana	1990	1	0.42 (0.15–0.91)	31 (11–68)	5.2 (1.9–9.9)	384 (138–731)	4.2 (2.9–6)	307 (217–446)
	1995	2	0.37 (0.17–0.71)	24 (11–46)	6.4 (2.6–11)	414 (168–686)	6.9 (5.7–8.3)	444 (366–532)
	2000	2	0.5 (0.24–0.95)	29 (14–55)	9.5 (3.9–16)	550 (224–905)	11 (9.3–13)	640 (539–768)
	2005	2	1 (0.56–1.6)	54 (31–87)	13 (6.1–21)	710 (331–1153)	14 (11–17)	770 (616–924)
	2006	2	1.3 (0.82–2)	71 (44–105)	15 (7.2–24)	805 (387–1296)	14 (11–17)	751 (601–901)
	2007	2	1.2 (0.79–1.8)	66 (42–95)	14 (6.8–22)	735 (360–1175)	14 (11–17)	731 (585–878)
	2008	2	0.78 (0.17–2)	41 (8.9–105)	10 (3.6–21)	531 (188–1103)	14 (11–16)	712 (570–855)
	2009	2	1.1 (0.71–1.6)	57 (36–84)	13 (6.4–21)	675 (329–1078)	14 (11–16)	694 (564–835)
Burkina Faso	1990	9	1.5 (0.8–2.4)	17 (9.1–27)	11 (4.5–22)	126 (51–245)	8.4 (4.6–12)	95 (52–138)
	1995	10	2.7 (2–3.5)	27 (19–35)	19 (8.5–33)	191 (84–327)	14 (11–17)	137 (110–165)
	2000	12	5.2 (4–6.5)	44 (34–56)	36 (16–62)	312 (138–527)	23 (18–28)	198 (158–238)
	2005	14	8.1 (6.4–10)	59 (46–74)	58 (26–96)	419 (186–700)	33 (26–39)	238 (191–286)
	2006	14	8.9 (7.1–11)	63 (50–77)	63 (28–100)	444 (198–733)	33 (26–40)	232 (186–279)
	2007	15	7.7 (5.8–9.8)	52 (40–66)	55 (24–92)	372 (165–625)	33 (27–40)	226 (181–271)
	2008	15	8.5 (6.8–11)	56 (44–69)	61 (27–100)	400 (180–659)	34 (27–40)	220 (176–264)
	2009	16	8.7 (7–11)	55 (44–68)	62 (28–100)	396 (178–651)	34 (27–41)	215 (174–258)
Burundi	1990	6	1.3 (0.5–2.6)	23 (8.8–46)	12 (4.8–25)	218 (84–431)	8.8 (4.8–13)	154 (85–224)
	1995	6	2.7 (2–3.5)	44 (33–56)	21 (9.8–34)	337 (159–555)	14 (11–16)	223 (178–267)
	2000	6	3.9 (2.9–5.1)	61 (45–79)	31 (15–51)	482 (229–788)	21 (17–25)	321 (257–386)
	2005	7	6.1 (4.6–7.8)	83 (63–106)	46 (22–76)	626 (292–1026)	29 (23–34)	387 (309–464)
	2006	8	6.3 (4.8–8)	83 (63–105)	47 (22–77)	621 (289–1018)	29 (23–34)	377 (301–452)
	2007	8	6.4 (4.9–8.1)	81 (62–103)	48 (22–78)	609 (285–1001)	29 (23–35)	367 (294–440)
	2008	8	6.4 (4.8–8.1)	79 (60–100)	48 (22–79)	596 (278–977)	29 (23–35)	357 (286–429)
	2009	8	6.4 (4.8–8.1)	77 (58–97)	48 (23–79)	581 (273–951)	29 (24–35)	348 (283–420)
Cameroon	1990	12	1.5 (0.52–3.3)	12 (4.2–27)	15 (5.2–31)	125 (42–254)	9.9 (5.9–14)	81 (48–117)
	1995	14	3.5 (2.6–4.5)	25 (19–32)	27 (13–44)	192 (91–315)	16 (13–20)	116 (93–140)
	2000	16	5.1 (3.8–6.7)	32 (24–42)	41 (19–67)	257 (121–421)	27 (21–32)	168 (134–201)
	2005	18	4.5 (2.8–6.7)	25 (16–38)	46 (21–76)	258 (120–424)	36 (29–43)	202 (162–242)
	2006	18	4 (2.3–6.2)	22 (13–34)	44 (20–72)	240 (110–397)	36 (29–43)	197 (157–236)
	2007	19	3.7 (2.1–6)	20 (11–32)	43 (19–71)	229 (103–382)	36 (29–43)	192 (153–230)
	2008	19	3.6 (2.1–5.6)	19 (11–29)	42 (19–70)	223 (101–367)	36 (29–43)	187 (149–224)
	2009	20	3.4 (2–5.3)	17 (10–27)	41 (19–68)	211 (95–346)	36 (29–43)	182 (148–219)
Cape Verde	1990	<1	0.1 (0.035–0.22)	28 (9.9–61)	1 (0.34–2.1)	285 (96–586)	0.62 (0.34–0.9)	175 (96–254)
	1995	<1	0.14 (0.095–0.19)	35 (24–48)	1.2 (0.55–2)	304 (137–506)	0.67 (0.53–0.8)	168 (134–201)
	2000	<1	0.16 (0.12–0.22)	37 (27–50)	1.4 (0.62–2.2)	308 (142–511)	0.7 (0.56–0.84)	160 (128–192)
	2005	<1	0.17 (0.12–0.22)	35 (26–47)	1.4 (0.63–2.3)	287 (133–472)	0.73 (0.59–0.88)	153 (123–184)
	2006	<1	0.18 (0.13–0.24)	37 (27–49)	1.5 (0.67–2.4)	301 (139–496)	0.74 (0.59–0.88)	152 (122–182)
	2007	<1	0.18 (0.13–0.24)	36 (26–48)	1.4 (0.66–2.4)	295 (135–485)	0.74 (0.59–0.89)	151 (120–181)
	2008	<1	0.17 (0.12–0.23)	34 (25–46)	1.4 (0.65–2.3)	285 (131–469)	0.74 (0.6–0.89)	149 (119–179)
	2009	<1	0.14 (0.097–0.19)	27 (19–37)	1.2 (0.56–1.9)	235 (111–384)	0.75 (0.61–0.9)	148 (120–178)
Central African Republic	1990	3	0.72 (0.28–1.4)	25 (9.6–48)	6.4 (2.5–13)	220 (84–443)	4.2 (2.3–6.2)	145 (80–210)
	1995	3	0.88 (0.56–1.3)	26 (17–38)	8.3 (3.9–14)	248 (118–411)	7 (5.6–8.4)	209 (167–251)
	2000	4	1.8 (1.3–2.3)	47 (33–63)	14 (6.9–24)	383 (185–630)	11 (9.1–14)	302 (242–363)
	2005	4	2.6 (1.9–3.4)	63 (47–83)	21 (9.8–34)	505 (239–828)	15 (12–18)	363 (291–436)
	2006	4	2.4 (1.7–3.2)	58 (42–77)	20 (9.7–33)	481 (233–786)	15 (12–18)	354 (283–425)
	2007	4	2.2 (1.5–3)	51 (35–70)	19 (9.4–32)	456 (220–745)	15 (12–18)	345 (276–414)
	2008	4	2 (1.3–2.9)	46 (30–66)	19 (9.1–31)	435 (209–713)	15 (12–18)	336 (269–403)
	2009	4	1.9 (1.3–2.8)	44 (28–63)	19 (9.3–31)	424 (201–695)	14 (12–17)	328 (266–395)
Chad	1990	6	1.8 (0.86–3)	29 (14–50)	14 (5.6–28)	231 (92–451)	7.7 (4.2–11)	125 (69–182)
	1995	7	3.3 (2.5–4.2)	46 (35–58)	24 (11–40)	340 (157–562)	13 (10–15)	181 (145–217)
	2000	8	5.1 (3.8–6.5)	60 (45–77)	38 (18–63)	456 (210–754)	22 (18–26)	262 (209–314)
	2005	10	7.5 (5.8–9.4)	75 (58–94)	55 (25–91)	550 (254–908)	32 (25–38)	315 (252–378)
	2006	10	7.5 (5.7–9.4)	72 (56–91)	55 (25–91)	533 (244–880)	32 (25–38)	307 (245–368)
	2007	11	7.4 (5.7–9.4)	70 (54–88)	55 (26–91)	520 (241–854)	32 (25–38)	299 (239–358)
	2008	11	7.3 (5.5–9.2)	66 (51–85)	54 (25–90)	497 (231–820)	32 (25–38)	291 (233–349)
	2009	11	7.1 (5.3–9.1)	63 (47–81)	54 (25–89)	480 (223–795)	32 (26–38)	283 (230–342)
Comoros	1990	<1	0.096 (0.047–0.16)	22 (11–37)	0.75 (0.3–1.5)	172 (68–335)	0.37 (0.21–0.54)	85 (47–124)
	1995	<1	0.085 (0.062–0.11)	17 (13–22)	0.68 (0.31–1.1)	137 (64–225)	0.34 (0.27–0.41)	69 (55–83)
	2000	<1	0.069 (0.049–0.092)	12 (8.9–17)	0.58 (0.27–0.95)	105 (48–172)	0.31 (0.25–0.37)	56 (45–68)
	2005	<1	0.069 (0.05–0.09)	11 (8.2–15)	0.55 (0.26–0.9)	89 (42–146)	0.28 (0.23–0.34)	46 (37–55)
	2006	<1	0.064 (0.046–0.084)	10 (7.3–13)	0.52 (0.24–0.85)	83 (38–135)	0.28 (0.22–0.33)	44 (35–53)
	2007	<1	0.059 (0.041–0.079)	9.1 (6.4–12)	0.5 (0.23–0.82)	77 (35–127)	0.27 (0.22–0.32)	42 (34–50)
	2008	<1	0.056 (0.039–0.076)	8.5 (5.9–12)	0.48 (0.22–0.79)	73 (34–120)	0.27 (0.21–0.32)	40 (32–48)
	2009	<1	0.053 (0.037–0.072)	7.8 (5.4–11)	0.46 (0.21–0.76)	68 (31–113)	0.26 (0.21–0.31)	39 (31–47)
Congo	1990	2	0.96 (0.55–1.5)	39 (22–61)	6.9 (2.8–13)	282 (113–539)	4.1 (2.3–6)	169 (93–246)
	1995	3	0.95 (0.61–1.4)	34 (22–49)	9.1 (4.3–15)	328 (154–541)	6.8 (5.4–8.2)	245 (196–293)
	2000	3	0.99 (0.55–1.6)	33 (18–53)	13 (5.4–21)	416 (179–693)	11 (9.2–13)	353 (304–424)
	2005	3	1.7 (1–2.6)	50 (29–77)	19 (8.4–31)	543 (245–905)	15 (12–17)	425 (340–509)
	2006	3	1.8 (1–2.7)	50 (30–76)	19 (8.5–31)	535 (244–885)	14 (12–17)	414 (331–497)
	2007	4	1.8 (1.1–2.7)	51 (31–76)	19 (8.6–31)	528 (242–875)	14 (11–17)	403 (322–484)
	2008	4	1.7 (0.98–2.6)	46 (27–71)	18 (8.2–30)	503 (226–839)	14 (11–17)	393 (314–471)
	2009	4	1.6 (0.93–2.5)	43 (25–68)	18 (8–30)	483 (216–802)	14 (11–17)	382 (311–461)
Côte d'Ivoire	1990	13	4.9 (2.3–8.6)	39 (18–68)	39 (15–78)	312 (123–617)	22 (12–32)	177 (97–256)
	1995	15	6.9 (5–9.2)	46 (33–62)	56 (27–93)	375 (179–619)	38 (31–46)	255 (204–306)
	2000	17	13 (9.8–16)	75 (57–95)	98 (46–160)	570 (266–935)	64 (51–76)	368 (295–442)
	2005	19	18 (14–23)	95 (72–122)	140 (65–230)	723 (337–1190)	85 (68–100)	443 (354–531)
	2006	20	18 (14–23)	93 (71–119)	140 (66–230)	711 (333–1164)	85 (68–100)	432 (345–518)
	2007	20	18 (14–23)	90 (68–116)	140 (66–230)	694 (328–1132)	85 (68–100)	420 (336–505)
	2008	21	19 (14–24)	90 (69–114)	140 (67–230)	693 (325–1129)	84 (67–100)	410 (328–492)
	2009	21	18 (14–23)	85 (65–108)	140 (66–230)	661 (314–1074)	84 (68–100)	399 (325–480)

^a Rates are per 100 000 population.

TABLE A2.1 Estimates of the burden of disease caused by TB, 1990–2009

YEAR	POPULATION (MILLIONS)	MORTALITY (EXCLUDING HIV)		PREVALENCE (INCLUDING HIV)		INCIDENCE (INCLUDING HIV)		
		NUMBER (THOUSANDS)	RATE ^a	NUMBER (THOUSANDS)	RATE	NUMBER (THOUSANDS)	RATE	
Democratic Republic of the Congo	1990	37	13 (5.5–23)	34 (15–62)	110 (42–210)	287 (113–563)	61 (34–88)	165 (91–239)
	1995	45	23 (17–31)	52 (38–68)	190 (90–320)	428 (200–702)	110 (85–130)	238 (190–285)
	2000	51	40 (30–53)	80 (59–104)	320 (150–530)	636 (297–1043)	170 (140–210)	343 (274–412)
	2005	59	54 (39–71)	91 (66–120)	440 (210–720)	746 (349–1222)	240 (190–290)	413 (330–495)
	2006	61	53 (39–71)	88 (64–116)	440 (200–720)	722 (337–1185)	240 (200–290)	402 (322–483)
	2007	63	53 (39–70)	84 (61–112)	430 (200–710)	694 (326–1137)	240 (200–290)	392 (313–470)
2008	64	51 (37–69)	80 (57–107)	430 (200–710)	674 (313–1100)	250 (200–290)	382 (305–458)	
2009	66	50 (36–67)	76 (54–102)	430 (200–700)	645 (300–1056)	250 (200–300)	372 (303–448)	
Equatorial Guinea	1990	<1	0.017 (0.013–0.025)	4.5 (3.5–6.5)	0.4 (0.12–0.72)	107 (32–189)	0.33 (0.26–0.39)	86 (69–103)
	1995	<1	0.017 (0.015–0.022)	3.8 (3.2–5)	0.42 (0.12–0.72)	92 (27–158)	0.35 (0.31–0.4)	78 (68–88)
	2000	<1	0.02 (0.019–0.021)	3.8 (3.6–4)	0.49 (0.11–0.87)	93 (21–165)	<0.01 (<0.01–0.01)	<1 (<1–<1)
	2005	<1	0.024 (0.023–0.025)	3.9 (3.7–4.1)	0.58 (0.13–1)	96 (21–171)	<0.01 (<0.01–0.01)	<1 (<1–<1)
	2006	<1	0.026 (0.024–0.027)	4.1 (3.9–4.3)	0.63 (0.14–1.1)	101 (22–179)	<0.01 (<0.01–0.01)	<1 (<1–<1)
	2007	<1	0.027 (0.026–0.029)	4.3 (4.1–4.5)	0.67 (0.15–1.2)	104 (23–185)	<0.01 (<0.01–0.01)	<1 (<1–<1)
2008	<1	0.044 (0.034–0.058)	6.6 (5.2–8.8)	1 (0.37–1.8)	157 (56–266)	0.83 (0.72–0.93)	125 (109–142)	
2009	<1	0.034 (0.028–0.045)	5 (4.1–6.7)	0.87 (0.3–1.5)	128 (44–216)	0.79 (0.71–0.92)	117 (105–136)	
Eritrea	1990	3	0.14 (0.091–0.19)	4.4 (2.9–5.9)	3.9 (0.96–7)	125 (30–221)	2.3 (1.2–3.3)	72 (40–104)
	1995	3	0.46 (0.3–0.63)	15 (9.5–20)	13 (2.9–23)	402 (90–720)	2.5 (2–3)	78 (63–94)
	2000	4	0.16 (0.11–0.22)	4.5 (2.9–6.1)	4.5 (1.8–1)	123 (27–221)	3.1 (2.5–3.7)	85 (68–102)
	2005	4	0.27 (0.13–0.52)	6 (2.9–12)	4.6 (1.6–7.9)	102 (36–177)	4.1 (3.5–5)	92 (79–111)
	2006	5	0.39 (0.18–0.73)	8.5 (4–16)	5.3 (2–9.2)	114 (44–199)	4.3 (3.5–5.2)	94 (75–113)
	2007	5	0.62 (0.35–0.99)	13 (7.3–21)	6.8 (2.8–12)	143 (58–243)	4.6 (3.6–5.5)	95 (76–115)
2008	5	0.48 (0.24–0.84)	9.8 (4.8–17)	5.6 (2.4–9.6)	113 (49–195)	4.8 (3.8–5.7)	97 (78–116)	
2009	5	0.72 (0.45–1.1)	14 (8.8–21)	7.2 (3.3–12)	142 (64–237)	5 (4.1–6)	99 (80–119)	
Ethiopia	1990	48	3.9 (1.9–14)	8.2 (3.9–29)	86 (20–170)	178 (42–349)	77 (42–110)	159 (87–230)
	1995	57	25 (18–34)	44 (31–59)	210 (100–350)	375 (177–613)	130 (100–160)	229 (184–275)
	2000	66	43 (31–57)	66 (48–87)	360 (170–590)	546 (257–895)	220 (170–260)	331 (265–397)
	2005	75	60 (42–79)	80 (57–106)	500 (240–810)	668 (316–1090)	300 (240–360)	398 (319–478)
	2006	77	60 (43–80)	78 (56–104)	500 (230–820)	654 (306–1071)	300 (240–360)	388 (311–466)
	2007	79	59 (41–79)	74 (53–100)	500 (230–810)	634 (294–1035)	300 (240–360)	378 (303–454)
2008	81	56 (39–77)	70 (49–95)	490 (230–800)	607 (285–993)	300 (240–360)	368 (295–442)	
2009	83	54 (38–75)	66 (45–90)	480 (230–800)	585 (274–963)	300 (240–360)	359 (292–432)	
Gabon	1990	<1	0.21 (0.077–0.43)	23 (8.3–47)	2.1 (0.78–4.2)	231 (85–459)	1.4 (0.92–2.1)	153 (99–222)
	1995	1	0.2 (0.12–0.31)	19 (11–29)	2.1 (0.96–3.6)	197 (89–330)	1.6 (1.3–2)	151 (121–182)
	2000	1	0.32 (0.17–0.52)	26 (14–42)	3.6 (1.6–6.1)	293 (132–492)	3.1 (2.5–3.8)	254 (204–305)
	2005	1	0.47 (0.27–0.75)	34 (19–55)	5.1 (2.4–8.5)	372 (173–621)	4.4 (3.6–5.3)	325 (260–390)
	2006	1	0.54 (0.31–0.85)	39 (22–61)	5.9 (2.7–9.8)	420 (194–702)	5.1 (4.1–6.1)	366 (292–439)
	2007	1	0.6 (0.3–1)	42 (21–72)	6.8 (3–12)	476 (209–818)	5.8 (4.6–6.9)	406 (325–488)
2008	1	0.68 (0.33–1.2)	47 (23–81)	7.3 (3.2–13)	501 (224–884)	6.5 (5.2–7.9)	452 (362–542)	
2009	1	0.92 (0.58–1.3)	62 (39–91)	8.9 (4.3–15)	603 (288–996)	7.4 (6–8.9)	501 (408–604)	
Gambia	1990	<1	0.61 (0.37–0.92)	68 (42–102)	4.2 (1.5–7.9)	464 (171–884)	1.7 (0.91–2.4)	185 (102–269)
	1995	1	0.5 (0.36–0.67)	47 (33–62)	4.2 (1.9–6.8)	384 (177–631)	2.2 (1.8–2.7)	204 (163–245)
	2000	1	0.53 (0.35–0.75)	41 (27–58)	4.9 (2.2–8)	374 (169–618)	2.9 (2.3–3.5)	225 (180–270)
	2005	2	0.67 (0.45–0.95)	44 (30–62)	6.1 (2.8–10)	401 (183–665)	3.8 (3–4.6)	248 (199–298)
	2006	2	0.75 (0.51–1)	48 (33–66)	6.6 (3–11)	420 (194–691)	4 (3.2–4.8)	253 (203–304)
	2007	2	0.79 (0.55–1.1)	49 (34–67)	6.9 (3.2–11)	427 (199–701)	4.2 (3.3–5)	258 (207–310)
2008	2	0.82 (0.56–1.1)	49 (34–68)	7.1 (3.3–12)	429 (199–706)	4.4 (3.5–5.2)	263 (211–316)	
2009	2	0.83 (0.59–1.1)	49 (34–66)	7.3 (3.5–12)	429 (202–698)	4.6 (3.7–5.5)	268 (218–323)	
Ghana	1990	15	9.8 (5.4–15)	66 (36–104)	72 (29–140)	480 (192–919)	33 (18–48)	223 (123–323)
	1995	17	8.6 (6.4–11)	50 (37–65)	68 (32–110)	394 (183–647)	37 (30–45)	217 (173–260)
	2000	20	9.7 (7.3–12)	50 (38–63)	74 (35–120)	379 (177–622)	41 (33–49)	211 (169–253)
	2005	22	11 (8.1–14)	49 (37–62)	81 (38–130)	372 (174–608)	45 (36–54)	205 (164–246)
	2006	22	11 (8.2–14)	48 (37–62)	83 (39–140)	370 (172–605)	46 (37–55)	204 (163–245)
	2007	23	11 (8.2–14)	47 (36–61)	83 (39–140)	365 (171–600)	46 (37–56)	203 (162–243)
2008	23	11 (8.2–14)	47 (35–60)	85 (40–140)	364 (171–597)	47 (38–57)	202 (161–242)	
2009	24	11 (8.3–14)	46 (35–59)	85 (40–140)	358 (169–584)	48 (39–58)	201 (163–242)	
Guinea	1990	6	1.8 (0.85–3.2)	30 (14–52)	14 (5.3–28)	226 (87–454)	7.3 (4–11)	119 (66–173)
	1995	7	2.5 (1.7–3.5)	33 (22–47)	20 (9–34)	264 (120–454)	12 (9.2–14)	154 (124–185)
	2000	8	3.6 (2.6–4.7)	43 (31–57)	28 (13–47)	337 (158–557)	17 (13–20)	200 (160–240)
	2005	9	5.2 (3.9–6.8)	56 (42–73)	41 (19–67)	446 (210–727)	24 (19–29)	259 (207–311)
	2006	9	5.6 (4.1–7.2)	59 (44–77)	44 (21–72)	468 (220–768)	26 (21–31)	273 (218–327)
	2007	10	5.9 (4.4–7.7)	61 (45–80)	47 (22–77)	491 (229–804)	28 (22–33)	287 (230–345)
2008	10	6.6 (4.9–8.5)	67 (50–87)	52 (24–85)	527 (247–865)	30 (24–36)	302 (242–363)	
2009	10	7.3 (5.5–9.3)	72 (55–93)	56 (27–93)	561 (264–919)	32 (26–39)	318 (259–383)	
Guinea-Bissau	1990	1	0.2 (0.074–0.43)	19 (7.2–42)	2.3 (0.77–4.5)	227 (75–440)	1.6 (1.2–2.3)	158 (114–229)
	1995	1	0.19 (0.09–0.36)	16 (7.7–30)	2.6 (0.92–4.6)	223 (79–392)	2 (1.6–2.4)	174 (139–209)
	2000	1	0.44 (0.3–0.61)	34 (23–47)	4 (1.8–6.5)	304 (142–499)	2.5 (2–3)	192 (153–230)
	2005	1	0.43 (0.26–0.63)	29 (18–43)	4.4 (2–7.3)	298 (134–495)	3.1 (2.5–3.7)	211 (169–254)
	2006	2	0.45 (0.28–0.67)	30 (19–45)	4.6 (2.1–7.6)	304 (139–503)	3.2 (2.6–3.9)	216 (172–259)
	2007	2	0.41 (0.24–0.65)	27 (15–42)	4.5 (2–7.6)	295 (129–494)	3.4 (2.7–4.1)	220 (179–269)
2008	2	0.45 (0.27–0.7)	29 (17–44)	4.8 (2.1–8)	306 (136–510)	3.5 (2.8–4.2)	224 (179–269)	
2009	2	0.49 (0.29–0.73)	30 (18–45)	5.1 (2.3–8.5)	316 (143–525)	3.7 (3–4.4)	228 (186–275)	
Kenya	1990	23	4.4 (1.8–8.1)	19 (7.7–35)	38 (15–75)	163 (65–320)	26 (14–38)	112 (62–162)
	1995	27	7 (4.6–10)	25 (17–37)	66 (32–110)	242 (118–398)	62 (49–74)	224 (179–269)
	2000	31	14 (8.5–20)	43 (27–63)	140 (66–220)	432 (210–706)	130 (100–150)	405 (324–486)
	2005	36	11 (6.6–20)	32 (18–55)	150 (65–250)	414 (182–693)	150 (120–170)	406 (325–488)
	2006	37	10 (5.3–18)	28 (14–48)	150 (62–240)	397 (170–663)	140 (110–160)	371 (296–445)
	2007	38	8.5 (4.2–15)	23 (11–40)	130 (56–220)	347 (147–574)	130 (110–160)	353 (282–423)
2008	39	7.1 (3.3–13)	18 (8.6–35)	120 (49–200)	306 (126–509)	130 (100–150)	328 (262–393)	
2009	40	6.2 (3–12)	15 (7.4–29)	110 (45–190)	283 (114–467)	120 (99–150)	305 (248–368)	
Lesotho	1990	2	0.17 (0.08–0.44)	11 (5–28)	3.4 (0.9–6.3)	211 (56–391)	2.9 (2.5–4.3)	184 (158–267)
	1995	2	0.22 (0.11–0.44)	13 (6.3–25)	4.9 (1.9–8.2)	286 (107–475)	5.6 (5.2–6.7)	323 (300–388)
	2000	2	0.33 (0.16–0.67)	18 (8.4–35)	8.1 (3.1–13)	429 (164–706)	10 (9.7–13)	553 (516–684)
	2005	2	0.37 (0.17–0.79)	19 (8.6–40)	9.8 (3.6–16)	490 (179–814)	13 (11–15)	639 (541–767)
	2006	2	0.77 (0.47–1.2)	38 (23–58)	11 (5.1–17)	523 (251–824)	13 (12–15)	638 (600–765)
	2007	2	0.73 (0.37–1.3)	36 (18–62)	10 (4.8–17)	517 (235–845)	13 (10–16)	637 (509–764)
2008	2	0.82 (0.57–1.1)	40 (28–55)	11 (5.5–17)	549 (267–847)	13 (12–16)	635 (586–763)	
2009	2	0.28 (0.15–0.51)	14 (7.4–24)	9.4 (3.3–16)	454 (159–751)	13 (11–15)	634 (549–725)	
Liberia	1990	2	0.2 (0.11–0.53)	9.3 (5.2–25)	4.9 (1.1–8.4)	225 (49–389)	4.3 (2.4–6.2)	199 (109–288)
	1995	2	1.1 (0.84–1.4)	58 (43–74)	8.7 (4–14)	446 (207–730)	4.3 (3.4–5.1)	219 (175–263)
	2000	3	1.9 (1.5–2.4)	68 (52–86)	16 (6.6–24)	509 (235–839)	6.8 (5.5–8.2)	242 (193–290)
	2005	3	1.9 (1.3–2.6)	57 (40–78)	16 (7.5–27)	490 (225–806)	8.9 (7.1–11)	266 (213–320)
	2006	3	2.1 (1.5–2.8)	59 (42–79)	17 (8–28)	501 (232–821)	9.4 (7.5–11)	272 (217–326)
	2007	4	2.1 (1.5–2.9)	58 (41–79)	18 (8.4–30)	501 (231–823)	10 (8–12)	277 (222–333)
2008	4	2.2 (1.5–3)	58 (40–79)	19 (8.7–32)	505 (230–833)	11 (8.6–13)	283 (226–339)	
2009	4	2.4 (1.7–3.2)	59 (42–81)	21 (9.4–34)	518 (238–851)	11 (9.3–14)	288 (234–347)	
Madagascar	1990	11	5.3 (2.7–8.6)	47 (24–77)	40 (16–78)	359 (144–695)	20 (11–29)	177 (98–257)
	1995	13	4.5 (3–6.2)	34 (23–47)	42 (19–70)	324 (145–531)	26 (22–31)	196 (165–236)
	2000	15	6.5 (4.4–9)	42 (29–59)	58 (26–95)	378 (171–623)	33 (27–40)	217 (174–261)
	2005	18	8.7 (6.1–12)	50 (35–68)	76 (35–120)	430 (197–708)	42 (34–51)	241 (193–289)
	2006	18	9.3 (6.6–13)	51 (36–69)	80 (37–130)	442 (203–728)	44 (36–53)	246 (197–295)
	2007	19	9.8 (6.9–13)	53 (37–71)	84 (39–140)	452 (208–743)	47 (37–56)	251 (201–301)
2008	19	10 (7.4–14)	55 (39–74)	89 (41–150)	465 (214–765)	49 (39–59)	256 (205–307)	
2009	20	11 (8–15)	57 (41–76)	94 (43–150)	480 (221–787)	51 (42–62)	261 (212–315)	

^a Rates are per 100 000 population.

TABLE A2.1 Estimates of the burden of disease caused by TB, 1990–2009

YEAR	POPULATION (MILLIONS)	MORTALITY (EXCLUDING HIV)		PREVALENCE (INCLUDING HIV)		INCIDENCE (INCLUDING HIV)		
		NUMBER (THOUSANDS)	RATE ^a	NUMBER (THOUSANDS)	RATE	NUMBER (THOUSANDS)	RATE	
Malawi	1990	9	2.7 (0.83–5.9)	28 (8.7–62)	27 (10–57)	290 (109–600)	24 (13–35)	258 (142–374)
	1995	10	3.2 (1.8–5)	31 (18–49)	34 (17–57)	336 (163–561)	40 (32–47)	390 (312–468)
	2000	12	3.9 (2.2–6.1)	33 (19–51)	42 (20–69)	354 (171–586)	50 (40–60)	425 (340–510)
	2005	14	4.5 (2.7–6.9)	33 (20–51)	47 (23–78)	344 (166–569)	53 (43–64)	391 (313–469)
	2006	14	5.7 (3.9–7.7)	40 (28–55)	55 (27–88)	391 (195–623)	52 (41–62)	368 (295–442)
	2007	14	3.8 (2.6–5.2)	26 (18–36)	41 (21–64)	284 (143–444)	50 (40–60)	346 (277–415)
	2008	15	3.7 (1.1–8.2)	25 (7.3–55)	40 (15–81)	268 (103–545)	48 (39–58)	324 (280–389)
	2009	15	3.9 (2.7–5.3)	25 (17–35)	41 (21–65)	269 (135–423)	46 (38–56)	304 (249–367)
	Mali	1990	9	7.5 (4.4–11)	87 (50–133)	53 (20–100)	610 (235–1172)	24 (13–34)
1995		10	7.2 (5.4–9.2)	75 (57–96)	51 (22–96)	534 (235–901)	27 (22–33)	287 (230–345)
2000		11	8.1 (6.3–10)	77 (60–96)	58 (26–96)	551 (248–914)	32 (25–39)	300 (240–360)
2005		12	10 (7.9–12)	85 (67–105)	71 (32–120)	602 (270–996)	37 (30–45)	313 (251–376)
2006		12	10 (8.2–13)	86 (68–106)	74 (33–120)	611 (274–1014)	38 (31–46)	316 (253–379)
2007		12	11 (8.5–13)	87 (68–108)	77 (35–130)	623 (279–1029)	40 (32–47)	319 (255–383)
2008		13	11 (8.4–14)	87 (66–111)	79 (35–130)	625 (279–1045)	41 (33–49)	322 (257–386)
2009		13	11 (8.6–15)	88 (66–112)	81 (36–140)	626 (280–1046)	42 (34–51)	324 (264–391)
Mauritania		1990	2	0.3 (0.12–0.99)	15 (6.2–50)	5.4 (1.3–11)	273 (64–562)	4.5 (2.5–6.6)
	1995	2	0.83 (0.49–1.3)	36 (22–56)	8.7 (3.7–15)	385 (161–650)	5.7 (4.6–6.8)	251 (201–301)
	2000	3	1.5 (1.1–2.1)	59 (41–79)	13 (6–21)	497 (229–815)	7.2 (5.8–8.7)	277 (222–332)
	2005	3	2.4 (1.8–3)	79 (60–102)	18 (8.5–30)	608 (283–997)	9.1 (7.3–11)	305 (244–367)
	2006	3	2.5 (1.9–3.2)	83 (63–105)	19 (8.9–31)	628 (292–1028)	9.5 (7.6–11)	312 (249–374)
	2007	3	2.6 (2–3.4)	84 (64–107)	20 (9.4–33)	640 (298–1046)	10 (8–12)	318 (254–381)
	2008	3	2.8 (2.1–3.5)	87 (66–110)	21 (9.8–35)	656 (305–1076)	10 (8.3–12)	324 (259–389)
	2009	3	3 (2.3–3.7)	90 (70–114)	22 (10–36)	676 (312–1107)	11 (8.8–13)	330 (268–398)
	Mauritius	1990	1	0.013 (<0.01–0.024)	1.3 (<1–2.3)	0.55 (0.21–1.1)	52 (20–103)	0.29 (0.16–0.42)
1995		1	0.013 (<0.01–0.017)	1.1 (<1–1.5)	0.55 (0.25–0.9)	48 (22–80)	0.29 (0.23–0.35)	26 (21–31)
2000		1	<0.01 (<0.01–0.011)	<1 (<1–1)	0.52 (0.24–0.85)	43 (20–71)	0.29 (0.23–0.35)	24 (20–29)
2005		1	0.015 (0.013–0.017)	1.2 (1.1–1.3)	0.54 (0.25–0.89)	43 (20–71)	0.29 (0.23–0.34)	23 (18–28)
2006		1	<0.01 (<0.01–0.011)	<1 (<1–1)	0.53 (0.25–0.88)	42 (20–70)	0.29 (0.23–0.34)	23 (18–27)
2007		1	0.015 (0.013–0.016)	1.2 (1.1–1.3)	0.53 (0.25–0.87)	41 (19–68)	0.28 (0.23–0.34)	22 (18–27)
2008		1	0.016 (0.014–0.018)	1.3 (1.1–1.4)	0.51 (0.24–0.83)	40 (18–65)	0.28 (0.23–0.34)	22 (18–27)
2009		1	0.013 (<0.01–0.017)	<1 (<1–1.3)	0.52 (0.24–0.85)	40 (19–66)	0.28 (0.23–0.34)	22 (18–26)
Mozambique		1990	14	3.4 (1.2–7.2)	25 (8.6–54)	35 (12–71)	261 (92–522)	25 (16–36)
	1995	16	7.1 (4.7–10)	44 (30–63)	61 (29–100)	383 (181–639)	42 (33–50)	262 (209–314)
	2000	18	11 (7.9–15)	61 (43–83)	90 (43–150)	495 (237–820)	69 (55–83)	378 (302–453)
	2005	21	13 (9–18)	63 (43–86)	110 (53–180)	531 (255–870)	95 (76–110)	454 (363–545)
	2006	21	12 (8.5–17)	59 (40–81)	110 (52–180)	509 (245–836)	95 (76–110)	443 (354–531)
	2007	22	15 (11–20)	69 (50–90)	130 (63–210)	587 (286–946)	94 (75–110)	431 (345–518)
	2008	22	11 (7.9–15)	49 (35–65)	100 (50–160)	451 (225–717)	94 (75–110)	420 (336–504)
	2009	23	8.8 (6.3–12)	38 (27–51)	86 (44–140)	376 (190–592)	94 (76–110)	409 (332–492)
	Namibia	1990	1	0.75 (0.29–1.5)	53 (20–105)	7.1 (2.7–14)	503 (189–1009)	4.6 (2.7–6.6)
1995		2	0.67 (0.33–1.2)	41 (21–71)	8.5 (3.6–14)	523 (224–883)	7.5 (6–9)	465 (372–558)
2000		2	0.41 (0.2–0.88)	23 (11–48)	10 (3.7–17)	566 (202–949)	12 (11–15)	671 (592–806)
2005		2	0.53 (0.26–1.1)	27 (13–56)	13 (4.9–22)	671 (243–1120)	16 (15–19)	808 (743–969)
2006		2	0.51 (0.25–1.1)	25 (12–53)	13 (4.7–22)	652 (227–1094)	16 (15–19)	787 (716–945)
2007		2	0.8 (0.44–1.4)	38 (21–65)	16 (6–26)	758 (288–1245)	16 (15–19)	767 (728–806)
2008		2	0.58 (0.17–1.8)	27 (7.8–85)	13 (4.1–24)	591 (195–1128)	16 (13–19)	747 (626–896)
2009		2	0.68 (0.25–1.5)	31 (12–71)	13 (4.9–22)	589 (226–1021)	16 (13–19)	728 (600–872)
Niger		1990	8	3.3 (1.9–5.1)	41 (23–64)	23 (8.8–45)	292 (111–563)	9.9 (5.4–14)
	1995	9	3.6 (2.8–4.5)	38 (30–48)	26 (12–43)	282 (130–464)	13 (10–15)	138 (110–165)
	2000	11	4.1 (3.1–5.3)	37 (28–48)	31 (15–51)	285 (133–466)	17 (13–20)	152 (122–182)
	2005	13	4.9 (3.7–6.4)	38 (28–49)	39 (19–64)	301 (142–492)	22 (18–26)	168 (134–201)
	2006	14	5.1 (3.8–6.7)	38 (28–50)	41 (19–68)	305 (142–500)	23 (19–28)	171 (137–205)
	2007	14	5.5 (4.2–7.2)	39 (28–51)	44 (21–72)	311 (145–512)	25 (20–30)	174 (139–209)
	2008	15	5.8 (4.3–7.6)	40 (29–52)	47 (22–77)	319 (150–522)	26 (21–31)	178 (142–213)
	2009	15	6.3 (4.7–8.1)	41 (31–53)	50 (24–81)	327 (154–533)	28 (23–33)	181 (148–218)
	Nigeria	1990	97	38 (21–58)	39 (22–60)	270 (110–520)	277 (109–531)	130 (70–180)
1995		110	60 (48–74)	55 (44–67)	420 (180–690)	378 (163–627)	210 (170–250)	178 (151–226)
2000		125	94 (75–120)	75 (60–92)	660 (290–1100)	527 (233–873)	340 (270–410)	272 (218–326)
2005		141	120 (96–150)	87 (68–108)	880 (390–1400)	621 (279–1026)	460 (370–550)	327 (262–393)
2006		144	120 (94–150)	83 (65–103)	870 (390–1400)	600 (272–989)	460 (370–550)	319 (255–383)
2007		148	120 (91–150)	79 (62–99)	860 (390–1400)	579 (264–949)	460 (370–550)	311 (249–373)
2008		151	120 (91–140)	77 (60–95)	850 (390–1400)	562 (257–922)	460 (370–550)	303 (242–363)
2009		155	110 (89–140)	73 (57–91)	830 (380–1400)	537 (247–876)	460 (370–550)	295 (240–356)
Rwanda		1990	7	1.6 (0.67–3)	23 (9.4–43)	14 (5.9–29)	202 (82–399)	12 (6.6–17)
	1995	5	2.2 (1.5–3)	40 (28–55)	17 (7.8–29)	310 (144–526)	13 (10–16)	241 (193–289)
	2000	8	5 (3.6–6.5)	63 (46–82)	38 (18–63)	475 (222–791)	28 (22–33)	348 (278–417)
	2005	9	7.9 (6.2–9.9)	88 (68–110)	58 (27–96)	650 (302–1063)	38 (30–45)	418 (335–502)
	2006	9	7.8 (6.1–9.7)	84 (66–105)	58 (27–95)	630 (293–1027)	38 (30–45)	408 (326–489)
	2007	9	7.4 (5.7–9.2)	78 (61–98)	55 (26–92)	586 (275–952)	38 (30–45)	397 (318–476)
	2008	10	7.5 (5.9–9.4)	77 (60–97)	56 (26–92)	577 (268–942)	38 (30–45)	387 (309–464)
	2009	10	7.5 (5.9–9.3)	75 (59–93)	56 (26–91)	558 (260–908)	38 (31–45)	376 (306–454)
	Sao Tome and Principe	1990	<1	0.036 (0.015–0.066)	31 (13–57)	0.3 (0.11–0.6)	256 (98–515)	0.16 (0.086–0.23)
1995		<1	0.046 (0.035–0.058)	36 (27–45)	0.34 (0.16–0.56)	267 (122–440)	0.16 (0.13–0.19)	124 (99–149)
2000		<1	0.027 (0.017–0.04)	19 (12–29)	0.26 (0.11–0.44)	188 (81–317)	0.16 (0.13–0.19)	114 (91–137)
2005		<1	0.013 (<0.01–0.025)	8.8 (4.4–16)	0.2 (0.068–0.35)	133 (45–230)	0.16 (0.14–0.19)	105 (89–126)
2006		<1	0.017 (0.011–0.025)	11 (6.9–16)	0.22 (0.085–0.38)	141 (55–235)	0.16 (0.15–0.19)	103 (89–126)
2007		<1	0.022 (0.013–0.034)	14 (8.1–22)	0.23 (0.099–0.39)	148 (63–250)	0.16 (0.13–0.19)	101 (81–121)
2008		<1	0.03 (0.02–0.042)	19 (12–26)	0.26 (0.12–0.44)	165 (75–275)	0.16 (0.13–0.19)	99 (79–119)
2009		<1	0.03 (0.021–0.042)	19 (13–26)	0.26 (0.12–0.43)	160 (75–268)	0.16 (0.13–0.19)	97 (79–119)
Senegal		1990	8	3.5 (1.6–6.1)	46 (22–81)	28 (11–56)	375 (146–738)	15 (8.1–21)
	1995	9	4.3 (3.1–5.7)	49 (36–65)	35 (16–58)	404 (187–665)	19 (15–22)	215 (172–258)
	2000	10	5.8 (4.3–7.5)	58 (43–76)	46 (21–75)	462 (214–756)	23 (19–28)	237 (189–284)
	2005	11	7.4 (5.5–9.6)	65 (49–85)	58 (27–95)	512 (239–839)	29 (24–35)	261 (209–313)
	2006	12	7.7 (5.8–9.9)	67 (50–86)	60 (28–99)	522 (243–854)	31 (25–37)	266 (213–320)
	2007	12	8.1 (6.1–10)	68 (51–88)	63 (29–100)	531 (247–871)	32 (26–39)	272 (217–326)
	2008	12	8.4 (6.4–11)	69 (52–89)	66 (31–110)	539 (251–881)	34 (27–41)	277 (221–332)
	2009	13	9 (6.8–12)	72 (54–92)	70 (33–110)	558 (261–912)	35 (29–43)	282 (230–340)
	Seychelles	1990	<1	<0.01 (<0.01–0.011)	<1 (<1–1)	0.035 (<0.01–0.062)	48 (11–86)	0.031 (0.017–0.045)
1995		<1	<0.01 (<0.01–0.011)	3.7 (2.8–4.8)	0.063 (0.029–0.1)	83 (38–136)	0.03 (0.024–0.036)	40 (32–48)
2000		<1	<0.01 (<0.01–0.011)	1.9 (1.1–2.9)	0.046 (0.019–0.079)	57 (23–97)	0.03 (0.024–0.036)	37 (29–44)
2005		<1	<0.01 (<0.01–0.011)	2.5 (2.2–2.7)	0.051 (0.023–0.085)	62 (28–102)	0.028 (0.022–0.033)	33 (27–40)
2006		<1	<0.01 (<0.01–0.011)	3.1 (2.3–4)	0.057 (0.026–0.093)	69 (32–112)	0.027 (0.022–0.033)	33 (26–40)
2007		<1	<0.01 (<0.01–0.011)	3.4 (2.6–4.3)	0.06 (0.027–0.099)	72 (33–119)	0.027 (0.022–0.032)	32 (26–39)
2008		<1	<0.01 (<0.01–0.011)	2.9 (2.2–3.8)	0.055 (0.026–0.091)	66 (31–108)	0.027 (0.021–0.032)	32 (25–38)
2009		<1	<0.01 (<0.01–0.011)	2.6 (1.9–3.4)	0.051 (0.023–0.084)	61 (28–99)	0.026 (0.021–0.032)	31 (25–38)
Sierra Leone		1990	4	2.8 (1.6–4.2)				

TABLE A2.1 Estimates of the burden of disease caused by TB, 1990–2009

YEAR	POPULATION (MILLIONS)	MORTALITY (EXCLUDING HIV)		PREVALENCE (INCLUDING HIV)		INCIDENCE (INCLUDING HIV)		
		NUMBER (THOUSANDS)	RATE ^a	NUMBER (THOUSANDS)	RATE	NUMBER (THOUSANDS)	RATE	
South Africa	1990	37	14 (5.1–30)	38 (14–81)	160 (55–310)	431 (149–838)	110 (80–160)	301 (219–436)
	1995	41	12 (6.5–20)	30 (16–49)	150 (66–250)	358 (158–598)	130 (100–160)	317 (254–380)
	2000	45	21 (12–31)	46 (27–70)	240 (110–380)	526 (254–854)	260 (210–310)	576 (461–691)
	2005	48	29 (16–47)	61 (33–98)	380 (180–610)	783 (366–1273)	440 (360–530)	925 (740–1110)
	2006	49	29 (15–48)	60 (32–99)	390 (180–630)	792 (369–1294)	460 (370–550)	940 (752–1128)
	2007	49	27 (14–47)	55 (28–95)	390 (190–640)	787 (356–1293)	470 (370–560)	948 (759–1138)
	2008	50	24 (11–45)	49 (22–91)	390 (170–640)	781 (335–1238)	480 (380–570)	960 (768–1152)
	2009	50	23 (9.9–44)	45 (20–88)	390 (160–650)	782 (324–1302)	490 (400–590)	970 (789–1168)
	Swaziland	1990	<1	0.23 (0.073–0.56)	26 (8.4–65)	2.9 (0.94–5.9)	339 (108–681)	2.3 (1.3–3.3)
1995		<1	0.32 (0.18–0.5)	33 (19–51)	3.6 (1.7–5.9)	370 (174–610)	3.3 (2.6–3.9)	337 (270–404)
2000		1	0.59 (0.33–0.94)	55 (31–87)	7.5 (3.5–12)	693 (328–1128)	8.7 (6.9–10)	801 (641–962)
2005		1	0.76 (0.41–1.2)	67 (37–110)	10 (4.8–16)	907 (425–1467)	13 (10–15)	1141 (913–1369)
2006		1	0.78 (0.42–1.3)	69 (37–111)	11 (4.9–17)	927 (429–1503)	13 (11–16)	1169 (936–1403)
2007		1	0.93 (0.57–1.4)	80 (50–120)	12 (5.7–19)	1020 (494–1607)	14 (11–17)	1198 (958–1438)
2008		1	0.78 (0.47–1.2)	67 (41–101)	11 (5.2–17)	936 (444–1475)	14 (11–17)	1227 (982–1473)
2009		1	0.75 (0.47–1.1)	64 (40–94)	11 (5.1–17)	914 (430–1439)	15 (12–18)	1257 (1022–1517)
Togo		1990	4	3.8 (2.2–5.8)	96 (57–147)	27 (10–51)	675 (262–1288)	12 (6.6–18)
	1995	4	4 (3.1–5)	91 (71–113)	28 (12–47)	637 (281–1061)	15 (12–18)	339 (271–407)
	2000	5	4.9 (3.8–6)	93 (73–115)	34 (15–57)	644 (279–1078)	20 (16–24)	374 (299–449)
	2005	6	5.9 (4.6–7.4)	98 (77–123)	42 (18–70)	698 (308–1160)	25 (20–30)	413 (330–495)
	2006	6	6.2 (4.9–7.7)	101 (79–126)	44 (19–73)	711 (315–1185)	26 (21–31)	421 (337–505)
	2007	6	6.5 (5.1–8.1)	103 (81–129)	46 (20–77)	729 (321–1216)	27 (22–32)	429 (343–515)
	2008	6	6.5 (4.9–8.3)	101 (76–128)	46 (20–78)	712 (311–1203)	28 (23–34)	438 (350–525)
	2009	7	7.5 (5.8–9.3)	113 (88–141)	53 (23–88)	795 (352–1322)	30 (24–36)	446 (363–539)
	Uganda	1990	18	1.3 (0.32–3.2)	7.3 (1.8–18)	18 (6–36)	104 (38–203)	29 (16–42)
1995		21	4.7 (2.3–8)	22 (11–38)	48 (22–84)	227 (104–403)	67 (53–80)	319 (255–383)
2000		24	7.2 (4.1–11)	30 (17–46)	69 (33–120)	284 (134–489)	83 (66–100)	340 (272–408)
2005		29	11 (6.2–16)	37 (22–56)	98 (47–170)	341 (162–581)	110 (85–130)	370 (296–444)
2006		30	10 (6.2–16)	35 (21–53)	97 (46–160)	326 (156–554)	100 (83–120)	350 (280–420)
2007		31	10 (6–15)	33 (19–49)	94 (45–160)	308 (147–521)	100 (81–120)	330 (264–395)
2008		32	9.2 (3.5–18)	29 (11–56)	89 (37–170)	280 (116–545)	98 (79–120)	311 (249–373)
2009		33	9.4 (4–18)	29 (12–54)	91 (39–170)	277 (119–527)	96 (78–120)	293 (238–353)
United Republic of Tanzania		1990	25	9.2 (6.8–12)	36 (27–47)	79 (39–130)	311 (152–500)	57 (50–68)
	1995	30	6.7 (4.2–9.8)	22 (14–33)	72 (35–120)	241 (116–389)	68 (59–80)	226 (196–267)
	2000	34	6.3 (3.6–10)	19 (11–29)	81 (38–130)	239 (111–387)	81 (71–93)	236 (209–273)
	2005	39	6.2 (3.8–9.3)	16 (9.7–24)	84 (39–130)	216 (99–345)	83 (77–90)	213 (197–231)
	2006	40	5.9 (3.6–8.9)	15 (9–22)	82 (38–130)	204 (94–326)	80 (75–87)	200 (187–216)
	2007	41	7.2 (5.7–8.9)	17 (14–21)	94 (43–150)	227 (104–351)	79 (74–85)	192 (180–205)
	2008	42	4.7 (1.8–10)	11 (4.1–24)	75 (29–130)	176 (69–312)	81 (76–86)	190 (178–203)
	2009	44	3.9 (1.5–9.1)	9 (3.4–21)	72 (27–130)	165 (61–293)	80 (75–85)	183 (171–195)
	Zambia	1990	8	1.4 (0.44–3.9)	17 (5.5–49)	23 (7.7–46)	296 (98–585)	24 (17–34)
1995		9	3.4 (1.6–6.1)	37 (18–67)	49 (21–81)	534 (230–891)	49 (39–59)	536 (429–643)
2000		10	4.5 (2.3–7.9)	43 (22–75)	63 (28–110)	605 (266–1003)	63 (50–76)	602 (482–722)
2005		12	5.2 (2.6–8.9)	44 (22–76)	70 (31–120)	597 (262–993)	69 (55–83)	588 (470–705)
2006		12	5 (2.6–8.5)	41 (21–71)	67 (30–110)	557 (249–924)	66 (53–79)	547 (437–656)
2007		12	5.1 (2.8–8.4)	42 (23–68)	68 (30–110)	548 (243–906)	62 (50–75)	506 (405–607)
2008		13	3.7 (1.9–6.2)	29 (15–49)	55 (24–90)	437 (193–712)	59 (47–71)	468 (375–562)
2009		13	3.5 (1.6–6.5)	27 (12–51)	54 (22–92)	421 (174–707)	56 (46–67)	433 (352–521)
Zimbabwe		1990	10	6 (3.1–9.9)	57 (29–94)	48 (20–90)	456 (191–864)	34 (19–50)
	1995	12	4.8 (3–7.1)	41 (26–60)	52 (26–84)	446 (220–718)	56 (44–67)	474 (380–569)
	2000	12	6.3 (3.7–9.7)	50 (30–78)	76 (36–120)	611 (292–987)	85 (68–100)	685 (548–822)
	2005	12	10 (6.8–15)	82 (54–117)	100 (51–170)	824 (409–1326)	100 (82–120)	824 (659–988)
	2006	12	11 (7.3–15)	87 (59–121)	100 (51–170)	827 (408–1335)	100 (80–120)	803 (642–963)
	2007	12	11 (7.8–16)	91 (63–125)	100 (51–170)	834 (412–1345)	97 (78–120)	782 (626–938)
	2008	12	12 (8.7–16)	97 (70–128)	110 (54–170)	870 (434–1393)	95 (76–110)	762 (609–914)
	2009	13	10 (7.4–14)	82 (59–109)	96 (48–150)	765 (383–1214)	93 (76–110)	742 (604–894)

^a Rates are per 100 000 population.

TABLE A2.2 Incidence, notification and case detection rates, all forms, 1990–2009

YEAR	POPULATION (MILLIONS)	INCIDENCE (INCLUDING HIV)		INCIDENCE HIV-POSITIVE		NOTIFIED NEW AND RELAPSE ^a		CASE DETECTION RATE ^a	
		NUMBER (THOUSANDS)	RATE ^b	NUMBER (THOUSANDS)	RATE ^b	NUMBER	RATE ^b	PERCENT	
Algeria	1990	25	9.5 (5.2–14)	38 (21–54)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	11 607	46	122 (84–222)
	1995	28	12 (9.6–14)	42 (34–51)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	13 507	48	113 (94–141)
	2000	31	15 (12–17)	48 (38–57)	0.013 (<0.01–0.02)	<1 (<1–<1)	18 572	61	127 (106–159)
	2005	33	18 (14–21)	54 (43–65)	0.027 (0.016–0.042)	<1 (<1–<1)	21 336	65	120 (100–151)
	2006	33	18 (15–22)	55 (44–66)	0.031 (0.018–0.048)	<1 (<1–<1)	21 143	63	115 (96–143)
	2007	34	19 (15–23)	57 (45–68)	0.034 (0.024–0.048)	<1 (<1–<1)	21 369	63	112 (93–139)
Angola	1990	11	22 (12–32)	205 (113–298)	0.63 (0.17–1.5)	5.9 (1.6–14)	10 271	96	47 (32–85)
	1995	13	28 (23–34)	226 (181–272)	2 (1.2–3)	16 (9.6–24)	5 143	41	18 (15–23)
	2000	14	36 (29–43)	250 (200–300)	2.9 (2–4)	21 (14–29)	16 062	112	45 (38–56)
	2005	17	46 (37–55)	276 (224–331)	4 (2.7–5.5)	24 (17–33)	37 175	224	81 (68–100)
	2006	17	48 (38–58)	281 (225–337)	4.2 (2.9–5.8)	25 (17–34)	50 419	295	105 (88–131)
	2007	18	50 (41–60)	287 (235–344)	4.4 (3.1–6.1)	25 (18–35)	41 292	235	82 (68–100)
Benin	1990	5	3.7 (2.1–5.3)	77 (43–111)	0.093 (<0.01–0.85)	1.9 (<1–18)	2 084	43	57 (39–100)
	1995	6	4.6 (3.7–5.5)	80 (64–97)	0.63 (0.32–1)	11 (5.5–18)	2 332	41	51 (42–63)
	2000	7	5.6 (4.5–6.8)	85 (68–102)	0.99 (0.68–1.4)	15 (10–20)	2 706	41	48 (40–60)
	2005	8	7 (5.6–8.4)	89 (71–107)	1.2 (0.83–1.6)	15 (11–20)	3 270	42	47 (39–58)
	2006	8	7.3 (5.8–8.8)	90 (72–108)	1.2 (0.86–1.7)	15 (11–20)	3 619	45	50 (41–62)
	2007	8	7.6 (6.1–9.2)	91 (73–109)	1.3 (0.89–1.7)	15 (11–20)	—	—	—
Botswana	1990	1	4.2 (2.9–6)	307 (217–446)	0.83 (0.52–1.2)	61 (39–90)	2 938	217	71 (49–100)
	1995	2	6.9 (5.7–8.3)	444 (366–532)	3.1 (2.5–3.7)	198 (159–240)	5 665	366	82 (69–100)
	2000	2	11 (9.3–13)	640 (539–768)	5.8 (4.8–6.9)	334 (276–400)	9 292	539	84 (70–100)
	2005	2	14 (11–17)	770 (616–924)	7.4 (6–9)	403 (324–490)	10 058	547	71 (59–89)
	2006	2	14 (11–17)	751 (601–901)	6 (4.9–7.2)	320 (260–386)	8 413	451	60 (50–75)
	2007	2	14 (11–17)	731 (585–878)	6.7 (5.5–8.1)	355 (289–428)	7 622	403	55 (46–69)
Burkina Faso	1990	9	8.4 (4.6–12)	95 (52–138)	3.6 (2–5.7)	41 (23–64)	1 497	41	18 (12–33)
	1995	10	14 (11–17)	137 (110–165)	5.7 (4–7.7)	57 (40–76)	2 572	25	19 (15–23)
	2000	12	23 (18–28)	198 (158–238)	7.8 (5.5–10)	67 (47–89)	2 310	20	10 (8–12)
	2005	14	33 (26–39)	238 (191–286)	8.4 (5.9–11)	61 (43–83)	3 484	25	11 (9–13)
	2006	14	33 (26–40)	232 (186–279)	6.2 (5–7.5)	44 (35–53)	3 941	28	12 (10–15)
	2007	15	33 (27–40)	226 (181–271)	10 (6.8–14)	68 (46–94)	3 960	27	12 (10–15)
Burundi	1990	6	8.8 (4.8–13)	215 (174–258)	7 (5.7–8.5)	45 (36–54)	4 716	30	14 (12–17)
	1995	6	8.8 (4.8–13)	215 (174–258)	7 (5.7–8.5)	45 (36–54)	4 716	30	14 (12–17)
	1995	6	8.8 (4.8–13)	215 (174–258)	7 (5.7–8.5)	45 (36–54)	4 716	30	14 (12–17)
	2000	6	21 (17–25)	321 (257–386)	6.2 (4.7–7.9)	96 (73–123)	—	—	—
	2005	7	29 (23–34)	387 (309–464)	7.7 (5.8–9.9)	104 (78–134)	6 585	89	23 (19–29)
	2006	8	29 (23–34)	377 (301–452)	7.5 (5.6–9.6)	98 (74–127)	6 114	80	21 (18–27)
Cameroon	1990	12	9.9 (5.9–14)	81 (48–117)	0.48 (0.058–1.3)	3.9 (<1–11)	5 892	48	60 (41–100)
	1995	14	16 (13–20)	116 (93–140)	3.8 (2.8–4.9)	27 (20–35)	3 292	23	20 (17–25)
	2000	16	27 (21–32)	168 (134–201)	7.6 (5.8–9.8)	48 (36–62)	5 251	33	20 (16–25)
	2005	18	36 (29–43)	202 (162–242)	11 (8.1–14)	60 (45–76)	21 499	121	60 (50–75)
	2006	18	36 (29–43)	197 (157–236)	11 (8.1–14)	58 (44–75)	23 483	129	65 (55–82)
	2007	19	36 (29–43)	192 (153–230)	11 (8.1–14)	57 (43–73)	24 062	129	67 (56–84)
Cape Verde	1990	0	0.62 (0.34–0.9)	175 (96–254)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	221	126	36 (25–65)
	1995	0	0.67 (0.53–0.8)	168 (134–201)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	303	76	45 (38–57)
	2000	0	0.7 (0.56–0.84)	160 (128–192)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	—	—	—
	2005	0	0.73 (0.59–0.88)	153 (123–184)	0.035 (0.018–0.058)	7.3 (3.8–12)	292	61	40 (33–50)
	2006	0	0.74 (0.59–0.88)	152 (122–182)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	262	54	36 (30–44)
	2007	0	0.74 (0.59–0.89)	151 (120–181)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	274	56	37 (31–46)
Central African Republic	1990	3	4.2 (2.3–6.2)	145 (80–210)	0.82 (0.38–1.5)	28 (13–50)	2 124	76	50 (35–91)
	1995	3	7 (5.6–8.4)	209 (167–251)	2.8 (2.1–3.7)	85 (63–111)	3 339	100	48 (40–60)
	2000	4	11 (9.1–14)	302 (242–363)	4.7 (3.6–6)	126 (97–160)	—	—	—
	2005	4	15 (12–18)	363 (291–436)	5.4 (4.1–6.8)	131 (101–167)	3 210	78	22 (18–27)
	2006	4	15 (12–18)	354 (283–425)	5.1 (4–6.5)	123 (95–156)	6 045	145	41 (34–51)
	2007	4	15 (12–18)	345 (276–414)	4.9 (3.7–6.2)	115 (88–146)	—	—	—
Chad	1990	4	15 (12–18)	336 (269–403)	4.6 (3.5–6)	107 (81–137)	6 803	157	47 (39–58)
	2009	4	14 (12–17)	328 (266–395)	4.4 (3.3–5.7)	100 (76–128)	8 743	198	60 (50–74)
	1990	6	7.7 (4.2–11)	125 (69–182)	0.68 (0.29–1.3)	11 (4.7–21)	2 591	42	34 (23–61)
	1995	7	13 (10–15)	181 (145–217)	2 (1.2–3)	27 (16–42)	3 186	45	25 (21–31)
	2000	8	22 (18–26)	262 (209–314)	4.5 (3–6.2)	53 (36–74)	—	—	—
	2005	10	32 (25–38)	315 (252–378)	7.2 (5.3–9.4)	72 (53–94)	6 311	63	20 (17–25)
Comoros	1990	0	0.37 (0.21–0.54)	85 (47–124)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	140	32	37 (26–68)
	1995	0	0.34 (0.27–0.41)	69 (55–83)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	123	25	36 (30–45)
	2000	1	0.31 (0.25–0.37)	56 (45–68)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	120	22	39 (32–48)
	2005	1	0.28 (0.23–0.34)	46 (37–55)	<0.01 (<0.01–0.016)	<1 (<1–2.7)	111	18	39 (33–49)
	2006	1	0.28 (0.22–0.33)	44 (35–53)	<0.01 (<0.01–<0.01)	<1 (<1–1.3)	112	18	41 (34–51)
	2007	1	0.27 (0.22–0.33)	42 (34–50)	<0.01 (<0.01–<0.01)	<1 (<1–1.4)	—	—	—
Congo	1990	1	0.27 (0.21–0.32)	40 (32–48)	<0.01 (<0.01–<0.01)	<1 (<1–1.5)	132	20	50 (41–62)
	2009	1	0.26 (0.21–0.31)	39 (31–47)	<0.01 (<0.01–0.01)	<1 (<1–1.5)	120	18	46 (38–57)
	1990	2	4.1 (2.3–6)	169 (93–246)	1.2 (0.67–1.8)	48 (27–75)	591	24	14 (10–26)
	1995	3	6.8 (5.4–8.2)	245 (196–293)	1.8 (1.4–2.4)	66 (49–87)	3 615	130	53 (44–66)
	2000	3	11 (9.2–13)	353 (304–424)	2.8 (2.1–3.5)	91 (69–117)	9 239	304	86 (72–100)
	2005	3	15 (12–17)	425 (340–509)	3.7 (2.7–4.8)	107 (79–139)	9 853	288	68 (57–85)
Côte d'Ivoire	1990	3	14 (12–17)	414 (331–497)	3.6 (2.7–4.7)	103 (77–134)	8 478	243	59 (49–73)
	2007	4	14 (11–17)	403 (322–484)	3.6 (2.6–4.6)	100 (74–130)	9 002	253	63 (52–79)
	2008	4	14 (11–17)	393 (314–471)	3.5 (2.6–4.5)	97 (72–126)	8 886	246	63 (52–78)
	2009	4	14 (11–17)	382 (311–461)	3.4 (2.6–4.5)	94 (70–121)	9 765	265	69 (58–85)
	1990	13	22 (12–32)	177 (97–256)	3 (0.85–6.2)	24 (6.8–52)	7 841	62	35 (24–64)
	1995	15	38 (31–46)	255 (204–306)	11 (8.2–15)	76 (55–100)	11 988	80	31 (26–39)
2000	17	64 (51–76)	368 (295–442)	19 (15–25)	113 (86–143)	12 943	75	20 (17–25)	
2005	19	85 (68–100)	443 (354–531)	22 (17–28)	115 (87–148)	19 681	102	23 (19–29)	
2006	20	85 (68–100)	432 (345–518)	21 (16–27)	108 (81–139)	20 746	105	24 (20–31)	
2007	20	85 (68–100)	420 (336–505)	20 (15–26)	100 (76–130)	23 033	114	27 (23–34)	
2008	21	84 (67–100)	410 (328–492)	18 (15–22)	88 (71–106)	23 688	115	28 (23–35)	
2009	21	84 (68–100)	399 (325–480)	19 (16–23)	92 (75–111)	22 571	107	27 (22–33)	

^a Where notification data from a country had not been received by 31 August, the notification rate was assumed to be the same as for 2008 (in italics).^b Rates are per 100 000 population.

TABLE A2.2 Incidence, notification and case detection rates, all forms, 1990–2009

YEAR	POPULATION (MILLIONS)	INCIDENCE (INCLUDING HIV)		INCIDENCE HIV-POSITIVE		NOTIFIED NEW AND RELAPSE ^a		CASE DETECTION RATE ^a	
		NUMBER (THOUSANDS)	RATE ^b	NUMBER (THOUSANDS)	RATE ^b	NUMBER	RATE ^b	PERCENT	
Democratic Republic of the Congo	1990	37	61 (34–88)	165 (91–239)	5.1 (2.9–8.1)	14 (7.8–22)	21 131	57	35 (24–63)
	1995	45	110 (85–130)	238 (190–285)	8.6 (6–12)	19 (13–26)	42 819	95	40 (33–50)
	2000	51	170 (140–210)	343 (274–412)	14 (9.7–19)	27 (19–37)	60 627	119	35 (29–43)
	2005	59	240 (190–290)	413 (330–495)	20 (14–27)	34 (24–46)	97 075	164	40 (33–50)
	2006	61	240 (200–290)	402 (322–483)	20 (14–27)	33 (23–45)	95 666	157	39 (33–49)
	2007	63	240 (200–290)	392 (313–470)	21 (14–29)	34 (23–47)	99 810	160	41 (34–51)
Equatorial Guinea	2008	64	250 (200–290)	382 (305–458)	20 (13–27)	31 (21–43)	104 426	163	43 (35–53)
	2009	66	250 (200–300)	372 (303–448)	21 (15–28)	31 (22–43)	112 222	170	46 (38–56)
	1990	0	0.33 (0.26–0.39)	86 (69–103)	<0.01 (<0.01–<0.01)	<1 (<1–1.1)	260	69	80 (67–100)
	1995	0	0.35 (0.31–0.4)	78 (68–88)	<0.01 (<0.01–<0.01)	1.4 (<1–2.3)	306	68	87 (77–100)
	2000	1	<0.01 (<0.01–<0.01)	<1 (<1–<1)	<0.01 (<0.01–<0.01)	<1 (<1–<1)			–
	2005	1	<0.01 (<0.01–<0.01)	<1 (<1–<1)	<0.01 (<0.01–<0.01)	<1 (<1–<1)			–
Eritrea	2006	1	<0.01 (<0.01–<0.01)	<1 (<1–<1)	<0.01 (<0.01–<0.01)	<1 (<1–<1)			–
	2007	1	<0.01 (<0.01–<0.01)	<1 (<1–<1)	<0.01 (<0.01–<0.01)	<1 (<1–<1)			–
	2008	1	0.83 (0.72–0.93)	125 (109–142)	0.047 (0.033–0.064)	7.1 (5–9.7)	718	109	87 (77–100)
	2009	1	0.79 (0.71–0.92)	117 (105–136)	0.14 (0.11–0.17)	20 (16–24)	707	105	89 (77–100)
	1990	3	2.3 (1.2–3.3)	72 (40–104)	0.14 (0.028–0.36)	4.5 (<1–11)	3 699	117	163 (112–296)
	1995	3	2.5 (2–3)	78 (63–94)	0.43 (0.25–0.67)	14 (7.8–21)	21 453	669	856 (713–1070)
Ethiopia	2000	4	3.1 (2.5–3.7)	85 (68–102)	0.65 (0.43–0.92)	18 (12–25)	6 652	182	214 (178–268)
	2005	4	4.1 (3.5–5)	92 (79–111)	0.78 (0.52–1.1)	18 (12–25)	3 549	79	86 (72–100)
	2006	5	4.3 (3.5–5.2)	94 (75–113)	0.8 (0.52–1.1)	17 (11–25)	3 026	65	70 (58–87)
	2007	5	4.6 (3.6–5.5)	95 (76–115)	0.058 (0.04–0.081)	1.2 (<1–1.7)	3 641	76	80 (67–100)
	2008	5	4.8 (3.8–5.7)	97 (78–116)	1.6 (1.1–2.2)	32 (22–44)	2 970	60	62 (52–78)
	2009	5	5 (4.1–6)	99 (80–119)	0.83 (0.53–1.2)	16 (10–24)	2 904	57	58 (48–71)
Gabon	1990	48	77 (42–110)	159 (87–230)	4.6 (2.3–8)	9.5 (4.8–17)	88 634	184	116 (80–210)
	1995	57	130 (100–160)	229 (184–275)	21 (15–28)	36 (26–49)	26 034	46	20 (17–25)
	2000	66	220 (170–260)	331 (265–397)	37 (27–49)	57 (41–75)	91 101	139	42 (35–52)
	2005	75	300 (240–360)	398 (319–478)	42 (30–56)	56 (40–76)	124 262	166	42 (35–52)
	2006	77	300 (240–360)	388 (311–466)	40 (29–54)	52 (37–70)	122 198	159	41 (34–51)
	2007	79	300 (240–360)	378 (303–454)	38 (27–51)	48 (34–65)	128 844	164	43 (36–54)
Gambia	2008	81	300 (240–360)	368 (295–442)	36 (26–49)	45 (32–60)	141 157	175	47 (40–59)
	2009	83	300 (240–360)	359 (292–432)	34 (24–46)	41 (29–56)	148 936	180	50 (42–61)
	1990	1	1.4 (0.92–2.1)	153 (99–222)	0.13 (0.063–0.22)	14 (6.8–24)	917	99	65 (44–100)
	1995	1	1.6 (1.3–2)	151 (121–182)	0.4 (0.28–0.54)	36 (26–49)	1 115	103	68 (57–85)
	2000	1	3.1 (2.5–3.8)	254 (204–305)	1.1 (0.8–1.4)	88 (65–117)			–
	2005	1	4.4 (3.6–5.3)	325 (260–390)	1.7 (1.2–2.2)	121 (90–158)	2 512	183	56 (47–71)
Ghana	2006	1	5.1 (4.1–6.1)	366 (292–439)	1.9 (1.4–2.5)	137 (102–177)	3 051	219	60 (50–75)
	2007	1	5.8 (4.6–6.9)	406 (325–488)	1.9 (1.3–2.6)	134 (90–185)	3 766	265	65 (54–81)
	2008	1	6.5 (5.2–7.9)	452 (362–542)	2.7 (1.9–3.8)	190 (128–262)	4 540	314	69 (58–87)
	2009	1	7.4 (6–8.9)	501 (408–604)	2.8 (2.1–3.6)	188 (141–243)	3 073	208	42 (35–51)
	1990	1	1.7 (0.91–2.4)	185 (102–269)	0.016 (<0.01–0.14)	1.8 (<1–16)			–
	1995	1	2.2 (1.8–2.7)	204 (163–245)	0.058 (<0.01–0.18)	5.4 (<1–16)	1 023	94	46 (38–58)
Guinea	2000	1	2.9 (2.3–3.5)	225 (180–270)	0.16 (0.069–0.28)	12 (5.3–21)			–
	2005	2	3.8 (3–4.6)	248 (199–298)	0.37 (0.23–0.56)	24 (15–37)	2 031	133	54 (45–67)
	2006	2	4 (3.2–4.8)	253 (203–304)	0.44 (0.27–0.65)	28 (17–41)	1 795	114	45 (38–56)
	2007	2	4.2 (3.3–5)	258 (207–310)	0.51 (0.32–0.75)	32 (20–46)	1 916	119	46 (38–57)
	2008	2	4.4 (3.5–5.2)	263 (211–316)	0.6 (0.38–0.86)	36 (23–52)	2 107	127	48 (40–60)
	2009	2	4.6 (3.7–5.5)	268 (218–323)	0.7 (0.55–0.86)	41 (32–50)	2 145	126	47 (39–58)
Guinea-Bissau	1990	15	33 (18–48)	223 (123–323)	0.97 (0.068–3.1)	6.5 (<1–21)	6 407	43	19 (13–35)
	1995	17	37 (30–45)	217 (173–260)	4.6 (3–6.5)	27 (18–38)	8 636	50	23 (19–29)
	2000	20	41 (33–49)	211 (169–253)	6.8 (4.9–9)	35 (25–46)	10 933	56	27 (22–33)
	2005	22	45 (36–54)	205 (164–246)	7 (5.1–9.3)	32 (23–43)	12 124	55	27 (22–34)
	2006	22	46 (37–55)	204 (163–245)	7 (5.1–9.3)	31 (23–42)	12 471	56	27 (23–34)
	2007	23	46 (37–56)	203 (162–243)	7.2 (4.9–10)	31 (21–44)	12 743	56	27 (23–34)
Kenya	2008	23	47 (38–57)	202 (161–242)	6.9 (4.7–9.6)	30 (20–41)	14 149	61	30 (25–38)
	2009	24	48 (39–58)	201 (163–242)	7.1 (5.8–8.6)	30 (24–36)	14 892	62	31 (26–38)
	1990	6	7.3 (4–11)	119 (66–173)	0.73 (<0.01–2.9)	12 (<1–47)	1 988	32	27 (19–49)
	1995	7	12 (9.2–14)	154 (124–185)	2.1 (0.74–4.1)	28 (9.8–55)	3 523	47	30 (25–38)
	2000	8	17 (13–20)	200 (160–240)	3.2 (1.9–4.7)	38 (23–57)	5 440	65	32 (27–41)
	2005	9	24 (19–29)	259 (207–311)	4.2 (2.9–5.7)	46 (32–62)	6 863	74	29 (24–36)
Lesotho	2006	9	26 (21–31)	245 (193–297)	4.5 (3.1–6)	47 (33–64)	8 787	93	34 (29–43)
	2007	10	28 (22–33)	287 (230–345)	4.7 (3.3–6.4)	49 (34–67)	9 411	98	34 (28–43)
	2008	10	30 (24–36)	302 (242–363)	5 (3.5–6.8)	51 (36–69)	10 025	102	34 (28–42)
	2009	10	32 (26–39)	318 (259–383)	5.3 (3.6–7.4)	53 (36–73)	8 357	83	26 (22–32)
	1990	1	1.6 (1.2–2.3)	158 (114–229)	0.05 (0.023–0.092)	4.9 (2.2–9)	1 163	114	72 (50–100)
	1995	1	2 (1.6–2.4)	174 (139–209)	0.17 (0.11–0.24)	14 (9.2–21)	1 613	138	80 (66–99)
Liberia	2000	1	2.5 (2–3)	192 (153–230)	0.36 (0.26–0.5)	28 (20–38)	1 273	98	51 (42–64)
	2005	1	3.1 (2.5–3.7)	211 (169–254)	0.55 (0.39–0.74)	37 (27–50)	1 774	120	57 (47–71)
	2006	2	3.2 (2.6–3.9)	216 (172–259)	0.58 (0.42–0.78)	39 (28–52)	2 137	142	66 (55–82)
	2007	2	3.4 (2.7–4.1)	220 (176–264)	0.61 (0.44–0.83)	40 (28–54)			–
	2008	2	3.5 (2.8–4.2)	224 (179–269)	0.64 (0.46–0.86)	41 (29–55)	2 417	153	68 (57–86)
	2009	2	3.7 (3–4.4)	228 (186–275)	0.67 (0.48–0.91)	42 (30–56)	2 171	135	59 (49–73)
Madagascar	1990	23	26 (14–38)	112 (62–162)	6.6 (3.4–11)	28 (15–46)	11 788	50	45 (31–82)
	1995	27	62 (49–74)	224 (179–269)	29 (23–37)	106 (82–133)	28 142	102	46 (38–57)
	2000	31	130 (100–150)	405 (324–486)	60 (47–75)	191 (148–238)	64 159	204	50 (42–63)
	2005	36	150 (120–170)	406 (325–488)	61 (47–77)	172 (133–216)	102 680	287	71 (59–88)
	2006	37	140 (110–160)	371 (296–445)	45 (37–55)	124 (101–149)	108 342	295	80 (66–99)
	2007	38	130 (110–160)	353 (282–423)	55 (45–66)	146 (118–176)	106 438	282	80 (67–100)
Mali	2008	39	130 (100–150)	328 (262–393)	57 (46–70)	147 (119–180)	99 941	258	79 (66–98)
	2009	40	120 (99–150)	305 (248–368)	53 (43–65)	134 (109–162)	102 997	259	85 (70–104)
	1990	2	2.9 (2.5–4.3)	184 (158–267)	0.2 (0.12–0.31)	13 (7.3–19)	2 525	158	86 (59–100)
	1995	2	5.6 (5.2–6.7)	323 (300–388)	2.5 (2.1–3)	147 (121–175)	5 181	300	93 (77–100)
	2000	2	10 (9.7–13)	553 (516–664)	6.2 (5.3–7.2)	328 (280–380)	9 746	516	93 (78–100)
	2005	2	13 (11–15)	639 (541–767)	7.7 (6.3–9.3)	387 (318–465)	10 802	541	85 (71–100)
Mozambique	2006	2	13 (12–15)	638 (600–765)	7.8 (6.7–9)	388 (332–448)	12 073	600	94 (78–100)
	2007	2	13 (10–16)	637 (509–764)	7.9 (6.3–9.7)	389 (311–476)	2 319	114	18 (15–22)
	2008	2	13 (12–16)	635 (586–763)	7.4 (6.4–8.5)	361 (313–412)	12 019	586	92 (77–100)
	2009	2	13 (11–15)	634 (549–725)	8.7 (7.5–9.9)	420 (364–479)	12 213	591	93 (82–108)
	1990	2	4.3 (2.4–6.2)	199 (109–288)	0.011 (<0.01–0.024)	<1 (<1–1.1)			–
	1995	2	4.3 (3.4–5.1)	219 (175–263)	0.074 (0.041–0.12)	3.8 (2.1–6.1)	1 393	73	33 (27–41)
Niger	2000	3	6.8 (5.5–8.2)	242 (193–290)	0.13 (0.089–0.18)	4.6 (3.2–6.5)	1 500	52	22 (18–27)
	2005	3	8.9 (7.1–11)	266 (213–320)	0.14 (0.099–0.18)	4.1 (3–5.5)	3 432	103	39 (32–48)
	2006	3	9.4 (7.5–11)	272 (217–326)	0.14 (0.1–0.18)	4 (2.9–5.3)	4 447	128	47 (39–59)
	2007	4	10 (8–12)	277 (222–333)	0.14 (0.1–0.18)	3.8 (2.8–5.1)			–
	2008	4	11 (8.6–13)	283 (226–339)	0.14 (0.099–0.19)	3.6 (2.6–4.9)	4 970	131	46 (39–58)
	2009	4	11 (9.3–14)	288 (234–347)	0.14 (0.1–0.18)	3.5 (2.5–4.7)	5 918	150	52 (43–64)
Rwanda	199								

TABLE A2.2 Incidence, notification and case detection rates, all forms, 1990–2009

YEAR	POPULATION (MILLIONS)	INCIDENCE (INCLUDING HIV)		INCIDENCE HIV-POSITIVE		NOTIFIED NEW AND RELAPSE ^a		CASE DETECTION RATE ^a	
		NUMBER (THOUSANDS)	RATE ^b	NUMBER (THOUSANDS)	RATE ^b	NUMBER	RATE ^b	PERCENT	
Malawi	1990	9	24 (13–35)	258 (142–374)	10 (5.4–16)	107 (57–174)	12 395	131	51 (35–92)
	1995	10	40 (32–47)	390 (312–468)	24 (19–30)	237 (185–295)	19 155	189	48 (40–60)
	2000	12	50 (40–60)	425 (340–510)	31 (25–39)	266 (209–330)	23 604	200	47 (39–59)
	2005	14	53 (43–64)	391 (313–469)	32 (25–40)	234 (183–291)	25 491	187	48 (40–60)
	2006	14	52 (41–62)	368 (295–442)	25 (20–30)	177 (144–214)	25 054	178	48 (40–61)
	2007	14	50 (40–60)	346 (277–415)	32 (26–38)	219 (178–264)	24 461	169	49 (41–61)
	2008	15	48 (39–58)	324 (260–389)	30 (20–42)	205 (135–280)	23 929	161	50 (41–62)
2009	15	46 (38–56)	304 (248–367)	27 (22–33)	179 (146–215)	22 674	149	49 (40–60)	
Mali	1990	9	24 (13–34)	275 (151–399)	1.2 (0.031–4.7)	14 (<1–54)	2 933	34	12 (9–22)
	1995	10	27 (22–33)	287 (230–345)	5.7 (3.9–9.3)	60 (31–97)	3 087	32	11 (9–14)
	2000	11	32 (25–38)	300 (240–360)	6.6 (4.6–9.1)	63 (43–86)	4 216	40	13 (11–17)
	2005	12	37 (30–45)	313 (251–376)	6.5 (4.5–8.9)	55 (38–75)	4 697	40	13 (11–16)
	2006	12	38 (31–46)	316 (253–379)	6.5 (4.5–9.9)	54 (37–74)	4 989	41	13 (11–16)
	2007	12	40 (32–47)	319 (255–383)	6.4 (4.4–8.9)	52 (35–72)	5 166	42	13 (11–16)
	2008	13	41 (33–49)	322 (257–386)	6.5 (3–11)	51 (24–89)	5 989	47	15 (12–18)
2009	13	42 (34–51)	324 (264–391)	6.8 (2.9–12)	52 (22–92)	6 611	51	16 (13–19)	
Mauritania	1990	2	4.5 (2.5–6.6)	228 (125–330)	0.068 (0.032–0.12)	3.4 (1.6–6.2)	5 284	266	117 (81–212)
	1995	2	5.7 (4.6–6.8)	251 (201–301)	0.15 (0.1–0.22)	6.8 (4.4–9.8)	3 849	170	68 (56–84)
	2000	3	7.2 (5.8–8.7)	277 (222–332)	0.3 (0.2–0.42)	11 (7.5–16)	3 067	118	43 (35–53)
	2005	3	9.1 (7.3–11)	305 (244–367)	0.45 (0.3–0.62)	15 (10–21)	2 162	72	24 (20–30)
	2006	3	9.5 (7.6–11)	312 (249–374)	0.48 (0.32–0.67)	16 (10–22)	2 694	88	28 (24–35)
	2007	3	10 (8–12)	318 (254–381)	0.5 (0.34–0.69)	16 (11–22)	2 969	95	30 (25–37)
	2008	3	10 (8.3–12)	324 (259–389)	0.54 (0.34–0.8)	17 (11–25)	2 698	84	26 (22–32)
2009	3	11 (8.8–13)	330 (268–398)	0.56 (0.38–0.79)	17 (11–24)	2 640	80	24 (20–30)	
Mauritius	1990	1	0.29 (0.16–0.42)	28 (15–40)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	119	11	41 (28–74)
	1995	1	0.29 (0.23–0.35)	26 (21–31)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	131	12	45 (37–56)
	2000	1	0.29 (0.23–0.35)	24 (20–29)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	160	13	55 (46–69)
	2005	1	0.29 (0.23–0.34)	23 (18–28)	<0.01 (<0.01–0.015)	<1 (<1–1.2)	125	10	43 (36–54)
	2006	1	0.29 (0.23–0.34)	23 (18–27)	0.013 (<0.01–0.028)	<1 (<1–2.2)	114	9	40 (33–50)
	2007	1	0.28 (0.23–0.34)	22 (18–27)	0.019 (<0.01–0.037)	1.5 (<1–2.9)	106	8	37 (31–47)
	2008	1	0.28 (0.23–0.34)	22 (18–27)	0.026 (0.012–0.047)	2.1 (<1–3.6)	107	8	38 (32–47)
2009	1	0.28 (0.23–0.34)	22 (18–26)	0.017 (<0.01–0.034)	1.3 (<1–2.6)	115	9	41 (34–50)	
Mozambique	1990	14	25 (16–36)	181 (117–263)	2.8 (1.2–5.3)	21 (8.5–39)	15 899	117	65 (45–100)
	1995	16	42 (33–50)	262 (209–314)	11 (7–16)	68 (44–98)	17 882	112	43 (36–54)
	2000	18	69 (55–83)	378 (302–453)	27 (20–35)	149 (111–193)	21 158	116	31 (26–38)
	2005	21	95 (76–110)	454 (363–545)	43 (33–55)	208 (159–263)	33 231	160	35 (29–44)
	2006	21	95 (76–110)	443 (354–531)	44 (33–55)	205 (157–260)	35 257	165	37 (31–47)
	2007	22	94 (75–110)	431 (345–518)	31 (26–38)	144 (117–174)	37 651	172	40 (33–50)
	2008	22	94 (75–110)	420 (336–504)	46 (38–56)	207 (168–249)	39 261	175	42 (35–52)
2009	23	94 (76–110)	409 (332–492)	54 (44–65)	237 (194–285)	43 221	189	46 (38–57)	
Namibia	1990	1	4.6 (2.7–6.6)	322 (189–467)	0.52 (0.27–0.89)	37 (19–63)	2 671	189	59 (40–100)
	1995	2	7.5 (6–9)	465 (372–558)	2.4 (1.8–3.2)	150 (112–195)	1 540	95	20 (17–26)
	2000	2	12 (11–15)	671 (592–806)	6 (4.9–7.3)	330 (268–399)	10 799	592	88 (73–100)
	2005	2	16 (15–19)	808 (743–969)	8.3 (6.9–9.9)	414 (343–492)	14 920	743	92 (77–100)
	2006	2	16 (15–19)	787 (716–945)	8.2 (6.8–9.8)	400 (330–477)	14 673	716	91 (76–100)
	2007	2	16 (15–19)	767 (728–820)	5.1 (4.4–5.7)	242 (213–274)	15 205	728	95 (79–100)
	2008	2	16 (13–19)	747 (626–896)	9.4 (6.3–13)	441 (296–597)	13 340	626	84 (70–100)
2009	2	16 (13–19)	728 (600–872)	9.2 (7–12)	422 (323–533)	11 980	552	76 (63–92)	
Niger	1990	8	9.9 (5.4–14)	125 (69–181)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	5 200	66	53 (36–96)
	1995	9	13 (10–15)	138 (110–165)	1 (0.68–1.4)	11 (7.3–15)	1 980	21	15 (13–19)
	2000	11	17 (13–20)	152 (122–182)	2 (1.4–2.8)	18 (13–25)	4 701	43	28 (23–35)
	2005	13	22 (18–26)	168 (134–201)	2.5 (1.8–3.5)	19 (14–26)	7 873	60	36 (30–45)
	2006	14	23 (19–28)	171 (137–205)	2.6 (1.8–3.6)	19 (14–27)	8 474	62	36 (30–46)
	2007	14	25 (20–30)	174 (139–209)	2.8 (1.9–3.8)	20 (14–27)	9 276	66	38 (31–47)
	2008	15	26 (21–31)	178 (142–213)	2.9 (2–4)	20 (13–27)	9 209	63	35 (29–44)
2009	15	28 (23–33)	181 (148–218)	3.1 (2.3–3.9)	20 (15–26)	9 904	65	36 (30–44)	
Nigeria	1990	97	130 (70–180)	131 (72–189)	9.5 (4–18)	9.7 (4.1–18)	20 122	21	16 (11–29)
	1995	110	210 (170–250)	188 (151–226)	37 (25–51)	33 (23–46)	13 423	12	6 (5–8)
	2000	125	340 (270–410)	272 (218–326)	63 (47–82)	50 (37–66)	25 821	21	8 (6–10)
	2005	141	460 (370–550)	327 (262–393)	85 (63–110)	60 (45–78)	62 598	44	14 (11–17)
	2006	144	460 (370–550)	319 (255–383)	84 (63–110)	59 (44–76)	70 734	49	15 (13–19)
	2007	148	460 (370–550)	311 (249–373)	84 (63–110)	57 (43–74)	82 417	57	18 (15–22)
	2008	151	460 (370–550)	303 (242–363)	82 (66–99)	54 (44–65)	85 674	57	19 (16–23)
2009	155	460 (370–550)	295 (240–356)	87 (71–100)	56 (46–67)	88 589	57	19 (16–24)	
Rwanda	1990	7	12 (6.6–17)	167 (92–242)	5 (2.8–8)	70 (39–112)	6 387	89	54 (37–97)
	1995	5	13 (10–16)	241 (193–289)	5.7 (4–7.5)	104 (74–139)	3 054	56	23 (19–29)
	2000	8	28 (22–33)	348 (278–417)	11 (8.1–14)	137 (102–179)	6 093	77	22 (18–28)
	2005	9	38 (30–45)	418 (335–502)	12 (9.6–14)	132 (107–159)	7 220	80	19 (16–24)
	2006	9	38 (30–45)	408 (326–489)	12 (9.6–14)	129 (105–155)	8 117	88	22 (18–27)
	2007	9	38 (30–45)	397 (318–476)	13 (11–16)	139 (113–168)	7 638	81	20 (17–25)
	2008	10	38 (30–45)	387 (309–464)	13 (10–16)	132 (108–160)	7 472	77	20 (17–25)
2009	10	38 (31–45)	376 (306–454)	13 (11–16)	131 (107–158)	7 251	73	19 (16–24)	
Sao Tome and Principe	1990	0	0.16 (0.086–0.23)	135 (74–196)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	17	15	11 (7–20)
	1995	0	0.16 (0.13–0.19)	124 (99–149)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	97	69	61 (51–76)
	2000	0	0.16 (0.13–0.19)	114 (91–137)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	136	89	85 (71–100)
	2005	0	0.16 (0.14–0.19)	105 (89–126)	<0.01 (<0.01–0.013)	3.9 (1.1–8.4)	153	99	96 (80–100)
	2006	0	0.16 (0.15–0.19)	103 (99–123)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	93	59	58 (49–73)
	2007	0	0.16 (0.13–0.19)	101 (81–121)	0.015 (<0.01–0.028)	9.8 (4.2–18)	66	41	41 (35–52)
	2008	0	0.16 (0.13–0.19)	99 (79–119)	0.014 (<0.01–0.029)	9 (3–18)	78	48	49 (41–60)
2009	0	0.16 (0.13–0.19)	97 (79–118)	0.02 (<0.01–0.035)	12 (5.8–22)	4 977	66	34 (23–62)	
Senegal	1990	8	15 (8.1–21)	195 (107–282)	0.16 (0.08–0.27)	2.1 (1.1–3.6)	7 561	87	41 (34–51)
	1995	9	19 (15–22)	215 (172–258)	0.4 (0.26–0.57)	4.6 (3–6.6)	8 508	86	36 (30–45)
	2000	10	23 (19–28)	237 (189–284)	0.78 (0.53–1.1)	7.9 (5.4–11)	9 765	87	33 (28–41)
	2005	11	29 (24–35)	261 (209–313)	1.3 (0.87–1.8)	11 (7.7–16)	10 133	87	33 (27–41)
	2006	12	31 (25–37)	266 (213–320)	1.4 (0.95–1.9)	12 (8.2–17)	10 297	87	32 (27–40)
	2007	12	32 (26–39)	272 (217–326)	1.5 (1–2.1)	13 (8.6–17)	11 040	87	33 (27–41)
	2008	12	34 (27–41)	277 (221–332)	1.8 (1.5–2.3)	15 (12–18)	11 139	89	31 (26–39)
2009	13	35 (29–43)	282 (230–340)	1.4 (1.2–1.8)	12 (9.2–14)	11 399	89	31 (26–39)	
Seychelles	1990	0	0.031 (0.017–0.045)	43 (24–63)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	41	57	131 (91–239)
	1995	0	0.03 (0.024–0.036)	40 (32–48)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	8	11	27 (22–33)
	2000	0	0.03 (0.024–0.036)	37 (29–44)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	20	25	68 (56–84)
	2005	0	0.028 (0.022–0.033)	33 (27–40)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	14	17	51 (42–63)
	2006	0	0.027 (0.022–0.033)	33 (26–40)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	6	7	22 (19–28)
	2007	0	0.027 (0.022–0.032)	32 (26–39)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	15	18	57 (47–70)
	2008	0	0.027 (0.021–0.032)	32 (25–38)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	632	15	7 (5–14)
2009	0	0.026 (0.021–0.032)	31 (25–38)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	1 955	49	18 (15–22)	
Sierra Leone	1990	4	8.4 (4.6–12)	207 (114–300)	0.024 (0.01–0.049)	<1 (<1–1.2)	3 760	89	24 (20–29)
	1995	4	11 (8.9–13)	279 (223–335)	0.2 (<0.01–0.69)	4.9 (<1–17)	6 737	132	26 (22–32)
	2000	4	16 (13–19)	377 (302–452)	1 (0.54–1.7)	24 (13–40)	8 041	153	28 (24–35)
	2005	5	26 (21–31)	509 (407–611)	2.5 (1.7–3.4)	49 (34–66)	9 418	174	30 (25–38)
	2006	5	28 (23–34)	504 (432–649)	2.8 (2–3.8)	53 (38–72)	10 786	194	32 (27–40)
	2007	5	31 (25–37)	574 (459–689)	3.4 (2.3–4.7)	62 (43–86)	11 524	202	31 (26–39)
	2008	6	34 (27–41)	608 (487–730)	3.7 (2.5–5.1)	66 (45–92)	11 524	202	31 (26–39)
2009	6	37 (30–44)	644 (524–777)	3.1 (2.5–3.8)	55 (45–67)	11 524	202	31 (26–39)	

^a Where notification data from a country had not been received by 31 August, the notification rate was assumed to be the same as for 2008 (in *italics*).

TABLE A2.2 Incidence, notification and case detection rates, all forms, 1990–2009

YEAR	POPULATION (MILLIONS)	INCIDENCE (INCLUDING HIV)		INCIDENCE HIV-POSITIVE		NOTIFIED NEW AND RELAPSE ^a		CASE DETECTION RATE ^a	
		NUMBER (THOUSANDS)	RATE ^b	NUMBER (THOUSANDS)	RATE ^b	NUMBER	RATE ^b	PERCENT	
South Africa	1990	37	110 (80–160)	301 (219–436)	8.1 (4.8–13)	22 (13–34)	80 400	219	73 (50–100)
	1995	41	130 (100–160)	317 (254–380)	44 (34–56)	106 (81–135)	73 917	179	56 (47–70)
	2000	45	260 (210–310)	576 (461–691)	140 (110–180)	319 (254–393)	151 239	337	59 (49–73)
	2005	48	440 (360–530)	925 (740–1110)	260 (210–320)	549 (439–673)	270 178	562	61 (51–76)
	2006	49	460 (370–550)	940 (752–1128)	270 (220–330)	559 (447–685)	303 114	623	66 (55–83)
	2007	49	470 (370–560)	948 (759–1138)	280 (220–340)	564 (451–692)	315 315	641	68 (56–85)
	2008	50	480 (380–570)	960 (768–1152)	280 (230–350)	571 (456–700)	343 855	692	72 (60–90)
	2009	50	490 (400–590)	970 (789–1168)	290 (230–350)	577 (463–705)	367 178	733	76 (63–93)
Swaziland	1990	1	2.3 (1.3–3.3)	267 (147–387)	0.34 (0.19–0.55)	40 (22–63)			–
	1995	1	3.3 (2.6–3.9)	337 (270–404)	1.3 (1–1.7)	136 (105–171)	2 050	212	63 (52–78)
	2000	1	8.7 (6.9–10)	801 (641–962)	5 (4–6.2)	468 (373–573)	5 877	544	68 (57–85)
	2005	1	13 (10–15)	1141 (913–1369)	8.1 (6.5–9.9)	721 (578–881)	8 062	717	63 (52–79)
	2006	1	13 (11–16)	1169 (936–1403)	8.5 (6.8–10)	744 (598–908)	8 278	728	62 (52–78)
	2007	1	14 (11–17)	1198 (958–1438)	8.2 (6.6–9.8)	708 (575–854)	8 888	772	64 (54–81)
	2008	1	14 (11–17)	1227 (982–1473)	9.4 (7.6–11)	805 (655–970)	8 685	744	61 (51–76)
	2009	1	15 (12–18)	1257 (1022–1517)	10 (8.4–12)	863 (705–1038)	10 038	847	67 (56–83)
Togo	1990	4	12 (6.6–18)	308 (169–446)	0.81 (0.28–1.7)	21 (7.2–43)	1 324	34	11 (8–20)
	1995	4	15 (12–18)	339 (271–407)	3.2 (2.1–4.5)	72 (48–101)	1 520	34	10 (8–13)
	2000	5	20 (16–24)	374 (299–449)	5.6 (4–7.5)	107 (77–143)	1 409	27	7 (6–9)
	2005	6	25 (20–30)	413 (330–495)	7.2 (5.2–9.5)	120 (87–158)	2 537	42	10 (9–13)
	2006	6	26 (21–31)	421 (337–505)	7.5 (5.4–9.9)	122 (88–161)	2 819	46	11 (9–14)
	2007	6	27 (22–32)	429 (343–515)	7.8 (5.6–10)	123 (89–163)	2 436	39	9 (8–11)
	2008	6	28 (23–34)	438 (350–525)	9 (6.1–13)	140 (95–194)	2 967	46	10 (9–13)
	2009	7	30 (24–36)	446 (363–539)	7.4 (5–10)	112 (76–154)	2 986	45	10 (8–12)
Uganda	1990	18	29 (16–42)	163 (90–236)	22 (13–33)	123 (73–186)	14 740	83	51 (35–93)
	1995	21	67 (53–80)	319 (255–383)	47 (37–59)	226 (175–283)	25 316	121	38 (32–47)
	2000	24	83 (66–100)	340 (272–408)	53 (41–67)	217 (167–273)	30 372	124	37 (30–46)
	2005	29	110 (85–130)	370 (296–444)	62 (47–79)	217 (165–275)	41 040	143	39 (32–48)
	2006	30	100 (83–120)	350 (280–420)	60 (46–76)	203 (155–257)	40 782	138	39 (33–49)
	2007	31	100 (81–120)	330 (264–395)	58 (45–74)	191 (145–242)	40 909	134	41 (34–51)
	2008	32	98 (79–120)	311 (249–373)	58 (39–80)	184 (122–253)	42 178	133	43 (36–54)
	2009	33	96 (78–120)	293 (238–353)	54 (36–74)	164 (110–225)	41 703	127	44 (36–54)
United Republic of Tanzania	1990	25	57 (50–68)	226 (196–267)	18 (14–23)	73 (56–91)	22 249	87	39 (33–45)
	1995	30	68 (59–80)	226 (196–267)	30 (24–37)	100 (79–122)	39 847	133	59 (50–68)
	2000	34	81 (71–93)	236 (209–273)	36 (29–43)	105 (85–126)	54 442	160	67 (59–76)
	2005	39	83 (77–90)	213 (197–231)	34 (28–40)	88 (73–104)	61 022	156	74 (68–79)
	2006	40	80 (75–87)	200 (187–216)	32 (27–39)	82 (68–96)	59 282	148	74 (69–79)
	2007	41	79 (74–85)	192 (180–205)	20 (18–21)	47 (44–51)	59 371	144	75 (70–80)
	2008	42	81 (76–86)	190 (178–203)	38 (27–50)	89 (63–117)	60 490	142	75 (70–80)
	2009	44	80 (75–85)	183 (171–195)	38 (27–49)	86 (61–112)	71 643	164	90 (84–96)
Zambia	1990	8	24 (17–34)	297 (213–431)	8.5 (4.4–14)	107 (55–177)	16 863	213	72 (49–100)
	1995	9	49 (39–59)	536 (429–643)	20 (16–25)	224 (178–278)	35 958	395	74 (61–92)
	2000	10	63 (50–76)	602 (482–722)	26 (21–33)	253 (200–313)	49 806	476	79 (66–99)
	2005	12	69 (55–83)	588 (470–705)	29 (23–35)	244 (193–302)	49 576	422	72 (60–90)
	2006	12	66 (53–79)	547 (437–656)	27 (22–34)	227 (179–280)	47 790	398	73 (61–91)
	2007	12	62 (50–75)	506 (405–607)	22 (18–26)	177 (145–214)	46 320	376	74 (62–93)
	2008	13	59 (47–71)	468 (375–562)	28 (23–34)	223 (182–269)	43 686	346	74 (62–92)
	2009	13	56 (46–67)	433 (352–521)	23 (18–28)	178 (142–220)	44 879	347	80 (67–99)
Zimbabwe	1990	10	34 (19–50)	329 (181–476)	12 (7.4–19)	119 (70–182)	9 132	87	27 (18–48)
	1995	12	56 (44–67)	474 (380–569)	30 (24–37)	258 (207–316)	30 831	263	55 (46–69)
	2000	12	85 (68–100)	685 (548–822)	48 (38–58)	384 (308–469)	50 855	408	60 (50–75)
	2005	12	100 (82–120)	824 (659–988)	54 (43–66)	429 (342–527)	50 454	404	49 (41–61)
	2006	12	100 (80–120)	803 (642–963)	51 (41–63)	410 (327–503)	44 328	356	44 (37–55)
	2007	12	97 (78–120)	782 (626–938)	49 (39–60)	391 (312–480)	40 277	324	41 (34–52)
	2008	12	95 (76–110)	762 (609–914)	43 (35–52)	345 (281–416)	36 650	294	39 (32–48)
	2009	13	93 (76–110)	742 (604–894)	48 (39–58)	384 (314–461)	42 504	339	46 (38–56)

^a Where notification data from a country had not been received by 31 August, the notification rate was assumed to be the same as for 2008 (in *italics*).^b Rates are per 100 000 population.

TABLE A2.3 Case notifications, 1990–2009

	NEW AND RELAPSE NOTIFICATION RATE ^a 1990–2009	YEAR	NEW AND RELAPSE ^a	NEW CASES				RELAPSE	RE-TREAT EXCL. RELAPSE	TOTAL RETREAT	HISTORY UNKNOWN	% SMEAR-POS AMONG NEW PULM
				SMEAR-POSITIVE	SMEAR-NEGATIVE/ UNKNOWN	EXTRA-PULMONARY	OTHER					
Algeria		1990	11 607									–
		1995	13 507	5 735	2 256	5 065		451		451		72
		2000	18 572	8 328	2 019	7 758		467	80	547		80
		2005	21 336	8 654	1 651	10 216	267	548	165	713		84
		2006	21 143	8 538	1 827	10 219		559	120	679		82
		2007	21 369	8 439	1 807	10 576	0	547	171	718	0	82
Angola		1990	20 588	8 643	1 528	9 908		509	142	651		85
		1995	21 701	8 402	1 691	10 888	230	490	122	612	0	83
		2000	10 271									–
		1995	5 143	3 804	1 631	266		134		134		70
		2000	16 062	9 053	5 367	1 102		540		540		63
		2005	37 175	20 410	12 467	2 569		1 729	1 142	2 871		62
Benin		2006	50 419	21 499	11 635	2 719	0	14 566	4 280	18 846	0	65
		2007	41 292	21 422	14 733	2 911		2 226	1 091	3 317		59
		2008	44 576	22 562	16 490	3 287	0	2 237	1 347	3 584	0	58
		2009	41 221	22 488	13 755	2 580	0	2 398	2 930	5 328	0	62
		1990	2 084									–
		1995	2 332	1 839	281	212		68		68		87
Botswana		2000	2 706	2 286	129	200		91	374	465		95
		2005	3 270	2 739	96	285		150	187	337		97
		2006	3 619	2 943	206	322	0	148	115	263	0	93
		2007										–
		2008	3 872	2 966	375	400	0	131	105	236	0	89
		2009	3 878	2 960	338	418	0	162	109	271	0	90
Burkina Faso		1990	2 938									–
		1995	5 665	1 903	2 885	720		147		147		40
		2000	9 292	3 091	4 789	1 231		181	1 058	1 239		39
		2005	10 058	3 170	5 166	1 220		502	46	548		38
		2006	8 413	3 252	3 776	1 149		236	106	342		46
		2007	7 622	3 002	3 092	1 305	0	223	474	697		49
Burundi		2008	8 562	3 351	3 803	1 172	0	236	103	339	0	47
		2009	8 089	3 204	3 089	1 397	0	399	692	1 091	0	51
		1990	1 497									–
		1995	2 572	1 028	195	195		45		45		84
		2000	2 310	1 560	216	439		95		95		88
		2005	3 484	2 294	371	571	89	159	175	334	0	86
Cameroon		2006	3 941	2 659	506	551	50	175	307	482	0	84
		2007	3 960	2 614	577	513	77	179	283	462	0	82
		2008	4 237	2 756	626	599	68	188	317	505	0	81
		2009	4 716	3 061	679	671	92	213	389	602	0	82
		1990	4 575									–
		1995	3 326	1 121	908	1 116		181		181		55
Cape Verde		2005	6 585	3 262	1 160	2 089	0	74	42	116	0	74
		2006	6 114	3 119	950	1 900	0	145	62	207	0	77
		2007	6 284	3 595	826	1 697	0	166	59	225	0	81
		2008	6 808	3 610	863	2 187	0	148	57	205	0	81
		2009	7 277	3 974	1 207	1 880	24	192	46	238	0	77
		1990	5 892									–
Central African Republic		1995	3 292	2 896	142	18		236		236		95
		2000	5 251	3 960	625	415		251		251		86
		2005	21 499	13 001	5 021	2 461	0	1 016	574	1 590	0	72
		2006	23 483	12 870	6 539	3 100	0	974	519	1 493	0	66
		2007	24 062	13 220	6 752	3 152	0	938	527	1 465	0	66
		2008	24 622	14 232	6 282	3 191		917	503	1 420	0	69
Chad		2009	24 662	14 635	5 780	3 190	0	1 057	512	1 569	0	72
		1990	221									–
		1995	303	111	150	12		30		30		43
		2000										–
		2005	292	135	93	43	0	21	13	34	0	59
		2006	262	131	88	33		10	14	24	0	60
Chad		2007	274	158	63	39	0	14	18	32	0	71
		2008	334	197	82	39	0	16	15	31	0	71
		2009	332	172	94	53	0	13	20	33	0	65
		1990	2 124									–
		1995	3 339	1 794	964	393		188		188		65
		2000										–
Chad		2005	3 210	2 153	608	286	0	163	128	291	0	78
		2006	6 045	4 448	707	664	0	226	330	556	0	86
		2007										–
		2008	6 803	4 232	1 387	943	0	241	132	373	0	75
		2009	8 743	5 132	1 841	1 394		376	253	629	0	74
		1990	2 591									–
Chad		1995	3 186	2 002	518	463		203		203		79
		2000										–
		2005	6 311	2 516	2 419	1 055		321	194	515		51
		2006										–
		2007	5 879	2 513	2 378	907		81	321	402		51
		2008	6 912	3 309	2 331	924	0	348	283	631	0	59
Comoros		2009	8 411	3 820	2 949	1 206	0	436	240	676	0	56
		1990	140									–
		1995	123	103	10	7		7		7		91
		2000	120	87	14	15		4	1	5		86
		2005	111	79	14	16	0	2	1	3	0	85
		2006	112	67	22	20	0	3	4	7		75
Congo		2007										–
		2008	132	77	20	27	5	3	3	6	2	79
		2009	120	76	15	24	0	5	1	6	8	84
		1990	591									–
		1995	3 615	2 013	849	675		78		78		70
		2000	9 239	4 218	2 016	2 810		169	650	819		68
Côte d'Ivoire		2005	9 853	3 640	3 249	2 665		299	108	407		53
		2006	8 478	3 340	2 504	2 353		281	122	403		57
		2007	9 002	3 552	2 938	2 282	0	230	119	349	0	55
		2008	8 886	3 371	2 868	2 345		302	171	473		54
		2009	9 765	3 433	3 398	2 653	0	281	170	451	0	50
		1990	7 841									–
Côte d'Ivoire		1995	11 988	8 254	1 508	1 577		649		649		85
		2000	12 943	8 497	1 443	2 600		403	814	1 217		85
		2005	19 681	12 496	2 315	4 235	0	635	345	980	0	84
		2006	20 746	12 867	2 675	4 411	0	793	399	1 192	0	83
		2007	23 033	14 071	3 009	4 988	0	965	350	1 315	0	82
		2008	23 688	15 294	2 733	4 592	0	1 069	360	1 429	0	85
2009	22 571	14 300	2 321	4 952	0	998	438	1 436	0	86		

^a Rates are per 100 000 population. Where notification data from a country had not been received by 31 August, the notification rate was assumed to be the same as for 2008 (in italics).

TABLE A2.3 Case notifications, 1990–2009

	NEW AND RELAPSE NOTIFICATION RATE ^a 1990–2009	YEAR	NEW AND RELAPSE ^a	NEW CASES				RELAPSE	RE-TREAT EXCL. RELAPSE	TOTAL RETREAT	HISTORY UNKNOWN	% SMEAR-POS AMONG NEW PULM
				SMEAR-POSITIVE	SMEAR-NEGATIVE/ UNKNOWN	EXTRA-PULMONARY	OTHER					
Democratic Republic of the Congo		1990	21 131									–
		1995	42 819	20 914	7 953	9 112	2 891		2 891			72
		2000	60 627	36 123	8 089	13 785	2 630	0	2 630			82
		2005	97 075	65 040	9 959	18 494	3 582	1 909	5 491	574		87
		2006	95 666	63 488	10 093	18 213	3 872	1 989	5 861	484		86
		2007	99 810	66 099	10 968	18 737	4 006	2 406	6 412	548		86
Equatorial Guinea		2008	104 426	69 477	11 498	19 450	4 001	3 789	7 790			86
		2009	112 222	73 191	12 941	21 707	4 383	4 442	8 825			85
		1990	260									–
		1995	306	219	45	41	1		1			83
		2000										–
		2005										–
Eritrea		2006	718	541	92	58	27	23	50	0		85
		2007										–
		2008										–
		2009	707	490	109	77	31	13	44	0		82
		1990	3 699									–
		1995	21 453		18 205	3 248						–
Ethiopia		2000	6 652	590	5 332	683	47	20	67			10
		2005	3 549	687	1 764	1 001	97	27	124	36		28
		2006	3 026	680	1 484	782	80	110	190	0		31
		2007	3 641	694	2 086	753	108	102	210	0		25
		2008	2 970	839	1 063	880	79	36	145			44
		2009	2 904	802	1 123	890	89	118	207	0		42
Gabon		1990	88 634			7 763	343		343			50
		1995	26 034	9 040	8 888	28 907	1 119	1 658	2 777			50
		2000	91 101	30 510	30 565	43 675	2 246	873	3 119			49
		2005	124 262	38 525	39 816	43 255	2 035	811	2 846	48		48
		2006	122 198	36 674	40 234	45 269	2 035	899	2 934	0		47
		2007	128 844	38 040	43 500	48 794	2 197	752	2 949			45
Gambia		2008	141 157	40 794	49 372	50 228	2 259	1 285	3 544			46
		2009	148 936	44 396	52 053							–
		1990	917									–
		1995	1 115	486	517	68	44		44			48
		2000										–
		2005	2 512	1 042	1 071	241	158	99	257			49
Ghana		2006	3 051	1 145	1 478	313	115	155	270			44
		2007	3 766	1 462	1 678	409	165	177	342	0		47
		2008	4 540	1 502	2 306	419	158	138	296			39
		2009	3 073	1 244	1 414	246	169	486	655	0		47
		1990	6 407									–
		1995	8 636	2 638	1 225	109	159		159			68
Guinea		2000	10 933	7 316	2 500	615	502		502			75
		2005	12 124	7 505	3 068	1 019	532		532			71
		2006	12 471	7 786	3 139	1 049	497	40	537			71
		2007	12 743	7 429	3 759	1 082	463	218	681	0		66
		2008	14 149	7 904	4 416	1 383	446	318	764	0		64
		2009	14 892	8 255	4 734	1 437	466	394	860	0		64
Guinea-Bissau		1990	1 988			620	55		55			81
		1995	3 523	2 263	430	938	152	294	446			90
		2000	5 440	3 920	524	629	231	227	458			91
		2005	6 863	5 479	898	1 699	287	289	576			87
		2006	8 787	5 903	1 167	1 708	337	315	652	0		84
		2007	9 411	6 561	1 288	1 825	351	320	671	0		84
Kenya		2008	10 025	6 561	1 288	1 825	351	320	671	0		84
		2009	8 357	5 377	1 021	1 611	348	241	589	16		84
		1990	1 163			19	59		59			–
		1995	1 613	956	714	57	90		90			57
		2000	1 273	526	600	24	96	42	138	0		68
		2005	1 774	1 132	522	19	133	24	157	0		52
Lesotho		2006	2 137	1 030	955							–
		2007										–
		2008	2 417	1 223	1 097	28	69	13	82	0		53
		2009	2 171	1 310	786	16	59	17	76	0		63
		1990	11 788	6 800								–
		1995	28 142	13 934	9 676	3 468	1 064		1 064			59
Liberia		2000	64 159	28 773	24 143	9 118	1 773	704	2 477			54
		2005	102 680	40 389	43 772	15 265	3 254	5 721	8 975			48
		2006	108 342	39 154	48 338	17 443	3 407	6 892	10 299			45
		2007	106 438	38 360	49 869	18 032	1 777	10 285	10 462	0		43
		2008	99 941	36 811	46 115	16 881	134	10 310	10 444	0		44
		2009	102 997	37 402	44 514	17 438	3 643	7 068	10 711			46
Madagascar		1990	2 525			653	147		147			–
		1995	5 181	1 361	2 685	2 520	385	1 096	1 481			34
		2000	9 746	3 041	2 838	2 020	439	602	1 041			52
		2005	10 802	4 280	4 063	2 477	638	1 040	1 678	255		45
		2006	12 073	4 024	4 934	529	98	202	300	0		47
		2007	2 319	788	904							–
Mali		2008	12 019	3 862	4 879	2 692	586	1 200	1 786			44
		2009	12 213	3 976	5 083	2 486	668	1 302	1 970			44
		1990	1 393	1 154	119	120						–
		1995	1 500	1 021	285	187	7	25	32			91
		2000	3 432	2 167	575	657	33	24	57			78
		2005	4 447	2 906	646	829	66	67	133			82
Mauritius		2006	4 970	3 038	941	912	79	53	132	0		76
		2007	4 918	3 796	1 022	1 023	77	46	123	0		79
		2008	5 918									–
		2009	5 918									–
		1990	6 261			2 219	596		596			–
		1995	21 616	8 026	987							89
Mozambique		2000										–
		2005	18 993	13 056	1 287	3 634	1 016	482	1 498	0		91
		2006	21 966	15 613	1 175	4 011	1 167	551	1 718	0		93
		2007	21 857	15 344	1 321	3 973	1 219	584	1 803	0		92
		2008	22 034	15 391	1 311	4 111	1 221	741	1 962	0		92
		2009	22 676	15 663	1 635	3 987	1 391	687	2 078	0		91

^a Rates are per 100 000 population. Where notification data from a country had not been received by 31 August, the notification rate was assumed to be the same as for 2008 (in italics).

TABLE A2.3 Case notifications, 1990–2009

	NEW AND RELAPSE NOTIFICATION RATE ^a 1990–2009	YEAR	NEW AND RELAPSE ^a	NEW CASES				RELAPSE	RE-TREAT EXCL. RELAPSE	TOTAL RETREAT	HISTORY UNKNOWN	% SMEAR-POS AMONG NEW PULM	
				SMEAR-POSITIVE	SMEAR-NEGATIVE/ UNKNOWN	EXTRA-PULMONARY	OTHER						
Malawi		1990	12 395	4 301	5 827	1 885		382		382		42	
		1995	19 155	6 285	7 054	5 257		551		551		47	
		2000	23 604	8 260	8 846	5 734		764	0	764		48	
		2005	25 491	8 443	10 132	5 823		1 093	2 119	3 212		45	
		2006	25 054	8 166	10 608	5 268		1 012	1 957	2 969		43	
		2007	24 461	7 608	10 704	5 195	0	954	1 838	2 792	0	42	
Mali		1990	2 933									–	
		1995	3 087	1 866	609	459		153		153		75	
		2000	4 216	2 527	797	653		239		239		76	
		2005	4 697	3 523	482	492		200	180	380	0	88	
		2006	4 989	3 802	386	580	0	221	235	456	0	91	
		2007	5 166	3 894	391	674	0	207	216	423	13	91	
Mauritania		1990	5 284									–	
		1995	3 849	2 074	800	455		520		520		72	
		2000	3 067	1 583	687	580		580	358	938		70	
		2005	2 162	1 155	454	403	0	150	56	206	0	72	
		2006	2 694	1 486	480	536	0	192	72	264	0	76	
		2007	2 969	1 714	494	603	0	158	56	214	0	78	
Mauritius		1990	119									–	
		1995	131	113	8	12		2		2		93	
		2000	160	115	14	23		8	4	12		89	
		2005	125	110	4	8		3	2	5		96	
		2006	114	85	11	15		3	1	4		89	
		2007	106	86	12	4	0	4	2	6	0	88	
Mozambique		1990	15 899									–	
		1995	17 882	10 566	5 054	1 363		899		899		68	
		2000	21 158	13 257	4 037	2 262		917	546	1 463		77	
		2005	33 231	17 877	9 184	4 771		1 399	487	1 886		66	
		2006	35 257	18 275	10 618	4 929	0	1 435	375	1 810	0	63	
		2007	37 651	18 214	13 064	5 020	0	1 353	393	1 746	0	58	
Namibia		1990	2 671									–	
		1995	1 540	697	507	248		88		88		58	
		2000	10 799	4 012	4 724	1 459		604	930	1 534		46	
		2005	14 920	5 222	4 455	1 907	2 487	849	974	1 823		54	
		2006	14 673	5 356	4 178	2 450	1 674	1 015	1 098	2 113		56	
		2007	15 205	5 091	4 948	2 681	1 055	1 430	327	1 757	0	51	
Niger		1990	5 200									–	
		1995	1 980	1 492	116	372						93	
		2000	4 701	3 045	699	702		255		255		81	
		2005	7 873	5 050	1 193	1 227		403	351	754	0	81	
		2006	8 474	5 279	1 443	1 275		477	281	758		79	
		2007	9 276	5 773	1 676	1 349	0	478	316	794	0	78	
Nigeria		1990	9 209	5 853	1 593	1 227	103	433	184	617		79	
		1995	9 904	6 347	1 689	1 385	0	483	207	690	117	79	
		2000	20 122										–
		1995	13 423	9 476	3 364	280		303		303		74	
		2000	25 821	17 423	6 613	1 069		716	1 640	2 356		72	
		2005	62 598	35 048	22 705	2 836	0	2 009	2 858	4 867	1 392	61	
Rwanda		1990	70 734	39 903	25 782	2 975	0	2 074	3 491	5 565	0	61	
		2006	82 417	44 016	32 088	4 044	0	2 269	3 824	6 093	0	58	
		2007	85 674	46 026	34 211	3 026	0	2 411	4 637	7 048	0	57	
		2008	88 589	44 863	37 540	3 560	0	2 626	5 525	8 151	0	54	
		1990	6 387										–
		1995	3 054	1 840	676	338		200		200		73	
Sao Tome and Principe		2000	6 093	3 681	845	1 289		278	96	374		81	
		2005	7 220	4 166	859	1 727	97	371	460	831		83	
		2006	8 117	4 220	1 603	1 766	136	392	166	558		72	
		2007	7 638	4 053	1 589	1 663		333	145	478	231	72	
		2008	7 472	4 173	1 311	1 743	0	245	152	397	217	76	
		2009	7 251	4 184	1 239	1 582	0	246	229	475	164	77	
Senegal		1990	17									–	
		1995	97	30	56	7		4		4		35	
		2005	136	49	75	1	0	11	16	27		40	
		2006	153	36	116	1	0	0	0	0	0	24	
		2007	93	58	28	2	0	5	0	5	0	67	
		2008	66	52	11	0	0	3	3	6	2	83	
Seychelles		2009	78	52	20	4	0	2	1	3	0	72	
		1990	4 977									–	
		1995	7 561	5 421	1 073	504		563		563		83	
		2000	8 508	5 823	1 370	800	0	515	541	1 056		81	
		2005	9 765	6 722	1 557	921		565	355	920		81	
		2006	10 133	6 882	1 640	1 136		475	531	1 006	0	81	
Sierra Leone		2007	10 297	7 108	1 620	1 109	0	460	383	843	0	81	
		2008	11 040	7 584	1 580	1 283	0	593	551	1 144	0	83	
		2009	11 139	7 883	1 504	1 233	0	519	593	1 112	0	84	
		1990	41										–
		1995	8	6	2	1		0		0		75	
		2000	20	11	7	2		0		0		61	
Sierra Leone		2005	14	8	3	1	0	2	0	2		73	
		2006										–	
		2007										–	
		2008	6	4	0	2	0	0	0	0	0	100	
		2009	15	11	2	2	0	0	0	0	0	85	
		1990	632										–
Sierra Leone		1995	1 955	1 454	339	121		41		41		81	
		2000	3 760	2 472	821	400		67	374	441		75	
		2005	6 737	4 370	1 679	551		137	193	330		72	
		2006	8 041	4 629	2 802	480	0	130	167	297		62	
		2007	9 418	5 347	3 197	706	0	168	205	373		63	
		2008	10 786	5 826	3 952	854		154	235	389		60	
2009	11 524	6 092	4 491	776	0	165	302	467	0	58			

^a Rates are per 100 000 population. Where notification data from a country had not been received by 31 August, the notification rate was assumed to be the same as for 2008 (in italics).

TABLE A2.3 Case notifications, 1990–2009

	NEW AND RELAPSE NOTIFICATION RATE ^a 1990–2009	YEAR	NEW AND RELAPSE ^a	NEW CASES				RELAPSE	RE-TREAT EXCL. RELAPSE	TOTAL RETREAT	HISTORY UNKNOWN	% SMEAR-POS AMONG NEW PULM
				SMEAR-POSITIVE	SMEAR-NEGATIVE/ UNKNOWN	EXTRA-PULMONARY	OTHER					
South Africa		1990	80 400									–
		1995	73 917	23 112	74 399	10 636		179				24
		2000	151 239	75 967	16 392	17 486			56 202	56 202		82
		2005	270 178	125 460	76 680	39 739	0	28 299	32 289	60 588	0	62
		2006	303 114	131 099	93 348	47 849	0	30 818	38 051	68 869	0	58
		2007	315 315	135 604	105 631	45 738	0	28 342	38 304	66 646	0	56
		2008	343 855	138 803	132 972	48 251	0	23 829	40 641	64 470	4 386	51
Swaziland		1990	–									–
		1995	2 050	660	687	219		489		489		49
		2000	5 877	1 823	3 198	583		273	976	1 249		36
		2005	8 062	2 187	4 106	1 458		311	159	470	643	35
		2006	8 278	2 539	3 842	1 584		313	177	490	740	40
		2007	8 888	2 764	3 956	1 833	0	335	748	1 083	0	41
		2008	8 685	3 105	3 379	1 762	0	439	880	1 319	0	48
Togo		1990	1 324									–
		1995	1 520	887	304	236		93		93		74
		2000	1 409	984	91	287		47	86	133		92
		2005	2 537	1 798	170	484		85	94	179	4	91
		2006	2 819	2 131	279	319	0	90	105	195	0	88
		2007	2 436	1 796	211	356	0	73	57	130	0	89
		2008	2 967	2 234	231	408	0	94	102	196	0	91
Uganda		1990	14 740									–
		1995	25 316	13 631	5 912	2 070		955		955		70
		2000	30 372	17 246	9 003	2 618		1 505	0	1 505		66
		2005	41 040	20 559	15 040	3 780	0	1 661	769	2 430		58
		2006	40 782	20 364	14 940	4 027		1 451	797	2 248		58
		2007	40 909	21 303	13 713	4 460	0	1 433	703	2 136		61
		2008	42 178	22 766	13 190	4 710	0	1 512	1 665	3 177	0	63
United Republic of Tanzania		1990	22 249	11 553								–
		1995	39 847	19 955	12 362	6 195		1 335		1 335		62
		2000	54 442	24 049	17 624	10 997		1 772		1 772		58
		2005	61 022	25 264	20 810	13 094		1 854	3 178	5 032		55
		2006	59 282	24 724	20 120	12 621		1 817	2 818	4 635		55
		2007	59 371	24 520	20 521	12 526		1 804	2 721	4 525		54
		2008	60 490	24 171	21 935	12 784		1 600	2 874	4 474		52
Zambia		1990	16 863									–
		1995	35 958	10 038	3 268	656		243		243		75
		2000	49 806	12 927	25 222	10 202		1 455		1 455		34
		2005	49 576	14 857	24 327	8 587		1 805	3 691	5 496		38
		2006	47 790	14 025	22 059	9 841		1 865	3 389	5 254		39
		2007	46 320	13 378	21 189	10 015	0	1 738	4 095	5 833	0	39
		2008	43 686	13 211	19 344	9 580	0	1 551	3 685	5 236	0	41
Zimbabwe		1990	9 132									–
		1995	30 831	8 965	10 934	5 040		737		737		45
		2000	50 855	14 392	27 626	8 837						34
		2005	50 454	13 155	29 074	6 721	0	1 504	4 437	5 941		31
		2006	44 328	12 718	23 775	6 559		1 276	3 446	4 722		35
		2007	40 277	10 583	21 964	6 381	0	1 349	1 137	2 486	0	33
		2008	36 650	9 830	19 956	5 931	0	933	2 698	3 631	0	33
2009	42 504	10 113	24 718	6 636	0	1 037	3 466	4 503		29		

^a Rates are per 100 000 population. Where notification data from a country had not been received by 31 August, the notification rate was assumed to be the same as for 2008 (in italics).

TABLE A2.4 Treatment outcomes, new smear-positive cases, 1995–2008

	TREATMENT SUCCESS (%) ^a 1995–2008	YEAR	NUMBER NOTIFIED	SIZE OF COHORT	COHORT AS % NOTIFIED	% OF COHORT						
						CURED	COMPLETED	DIED	FAILED	DEFAULTED	NOT EVALUATED	
Algeria		1995	5 735	–	–	–	–	–	–	–	–	–
		2000	8 328	8 328	100	80	7	1	2	5	5	
		2005	8 654	8 379	97	74	13	2	0	3	8	
		2006	8 538	8 285	97	86	5	2	0	3	4	
		2007	8 439	8 510	101	79	11	2	1	4	4	
2008	8 643	8 190	95	80	10	2	0	3	4			
Angola		1995	3 804	–	–	–	–	–	–	–	–	
		2000	9 053	6 392	71	68	–	3	2	26	2	
		2005	20 410	20 113	99	45	28	3	3	19	3	
		2006	21 499	21 499	100	11	7	1	0	4	77	
		2007	21 422	21 422	100	48	26	3	2	18	3	
2008	22 562	22 562	100	45	24	4	2	18	6			
Benin		1995	1 839	1 785	97	52	22	6	2	17	2	
		2000	2 286	–	–	–	–	–	–	–	–	
		2005	2 739	2 766	101	74	13	7	2	3	1	
		2006	2 943	–	–	–	–	–	–	–	–	
		2007	2 770	2 770	100	79	8	6	3	3	1	
2008	2 966	2 979	100	81	8	6	2	2	1			
Botswana		1995	1 903	2 060	108	13	54	5	1	12	15	
		2000	3 091	3 991	129	22	55	6	0	7	10	
		2005	3 170	3 335	105	37	33	7	1	8	15	
		2006	3 252	3 463	106	43	30	7	2	7	12	
		2007	3 002	3 335	111	50	23	5	2	6	15	
2008	3 351	3 289	98	46	18	5	2	4	24			
Burkina Faso		1995	1 028	1 200	117	22	2	5	1	3	67	
		2000	1 560	1 574	101	53	7	13	2	16	9	
		2005	2 294	2 290	100	66	5	14	7	6	1	
		2006	2 659	2 660	100	67	6	12	8	5	1	
		2007	2 614	2 605	100	67	5	14	7	6	1	
2008	2 756	2 757	100	73	3	11	8	4	1			
Burundi		1995	1 121	1 798	160	25	20	3	0	14	38	
		2000	–	3 465	–	42	39	4	0	13	1	
		2005	3 262	3 424	105	52	27	4	0	17	1	
		2006	3 119	3 233	104	66	16	4	1	11	1	
		2007	3 595	3 169	88	74	12	5	1	8	0	
2008	3 610	3 635	101	76	14	4	0	6	0			
Cameroon		1995	2 896	2 740	95	45	8	7	1	35	4	
		2000	3 960	3 164	80	67	10	7	2	13	1	
		2005	13 001	13 169	101	66	7	6	1	14	5	
		2006	12 870	13 811	107	64	10	6	1	13	6	
		2007	13 220	13 025	99	61	15	7	1	11	6	
2008	14 232	–	–	–	–	–	–	–	–			
Cape Verde		1995	111	–	–	–	–	–	–	–	–	
		2000	–	14	–	64	0	7	0	0	29	
		2005	135	135	100	56	8	3	2	19	12	
		2006	131	131	100	66	13	4	2	6	9	
		2007	158	–	–	–	–	–	–	–	–	
2008	197	197	100	57	17	4	2	11	11			
Central African Republic		1995	1 794	692	39	16	21	7	0	53	3	
		2000	–	1 366	–	36	21	0	3	34	5	
		2005	2 153	3 217	149	38	28	6	2	8	19	
		2006	4 448	–	–	–	–	–	–	–	–	
		2007	–	4 130	–	47	20	8	2	12	11	
2008	4 232	3 571	84	43	29	7	2	12	9			
Chad		1995	2 002	529	26	17	30	6	1	43	3	
		2000	–	–	–	–	–	–	–	–	–	
		2005	2 516	–	–	–	–	–	–	–	–	
		2006	–	2 768	–	35	19	6	2	30	8	
		2007	2 513	–	–	–	–	–	–	–	–	
2008	3 309	0	0	–	–	–	–	–	–			
Comoros		1995	103	113	110	90	0	4	0	6	0	
		2000	87	85	98	91	2	4	4	0	0	
		2005	79	70	89	91	0	3	4	0	1	
		2006	67	–	–	–	–	–	–	–	–	
		2007	–	56	–	91	2	2	4	2	0	
2008	77	77	100	90	0	4	0	4	3			
Congo		1995	2 013	–	–	–	–	–	–	–	–	
		2000	4 218	3 114	74	57	12	4	0	22	5	
		2005	3 640	4 121	113	24	4	0	1	13	58	
		2006	3 340	3 340	100	41	12	1	1	26	20	
		2007	3 552	–	–	–	–	–	–	–	–	
2008	3 371	3 263	97	63	13	1	0	21	1			
Côte d'Ivoire		1995	8 254	7 221	87	63	6	4	1	17	9	
		2000	8 497	10 631	125	47	10	5	2	16	20	
		2005	12 496	12 496	100	63	11	8	2	10	6	
		2006	12 867	12 868	100	61	12	8	2	10	8	
		2007	14 071	14 071	100	62	11	7	1	13	5	
2008	15 294	15 294	100	67	9	9	2	9	4			
Democratic Republic of the Congo		1995	20 914	16 247	78	55	20	5	1	10	9	
		2000	36 123	36 123	100	69	8	6	1	8	7	
		2005	65 040	65 066	100	80	5	6	1	4	4	
		2006	63 488	63 488	100	82	5	5	1	5	2	
		2007	66 099	65 975	100	83	4	4	1	4	4	
2008	69 477	65 962	95	83	4	4	1	3	4			
Equatorial Guinea		1995	219	219	100	89	0	3	0	8	0	
		2000	–	–	–	–	–	–	–	–	–	
		2005	–	–	–	–	–	–	–	–	–	
		2006	–	–	–	–	–	–	–	–	–	
		2007	–	436	–	60	0	7	1	26	6	
2008	541	541	100	42	14	4	1	31	7			
Eritrea		1995	–	–	–	–	–	–	–	–	–	
		2000	590	765	130	64	12	8	1	9	6	
		2005	687	688	100	83	5	7	1	2	1	
		2006	680	735	108	80	9	6	1	1	2	
		2007	694	795	115	83	5	5	2	2	3	
2008	839	839	100	72	3	4	1	1	18			
Ethiopia		1995	9 040	5 087	56	56	5	5	2	13	19	
		2000	30 510	29 662	97	63	17	6	1	9	4	
		2005	38 525	39 430	102	64	14	5	1	4	12	
		2006	36 674	36 674	100	69	15	5	1	5	6	
		2007	38 040	38 078	100	67	17	4	1	3	8	
2008	40 794	40 794	100	67	17	3	1	3	10			

^a TREATMENT SUCCESS = percent cured + percent completed then rounded to the nearest digit.

TABLE A2.4 Treatment outcomes, new smear-positive cases, 1995–2008

	TREATMENT SUCCESS (%) ^a 1995–2008	YEAR	NUMBER NOTIFIED	SIZE OF COHORT	COHORT AS % NOTIFIED	% OF COHORT					
						CURED	COMPLETED	DIED	FAILED	DEFAULTED	NOT EVALUATED
Gabon		1995	486	249	51	63	22	1	2	9	2
		2000	–	–	–	–	–	–	–	–	–
		2005	1 042	1 165	112	35	12	10	1	42	1
		2006	1 145	1 145	100	34	13	5	1	44	4
		2007	1 462	1 484	102	22	14	3	0	18	43
Gambia		2008	1 502	1 502	100	30	24	1	0	19	27
		1995	778	686	88	69	7	5	1	13	5
		2000	–	–	–	–	–	–	–	–	–
		2005	1 127	1 127	100	81	6	7	1	3	2
		2006	1 209	1 812	150	56	2	5	1	2	34
Ghana		2007	1 238	1 199	97	80	4	8	2	3	3
		2008	1 300	1 318	101	80	4	9	2	2	3
		1995	2 638	361	14	41	13	11	2	11	22
		2000	7 316	7 316	100	45	5	6	3	14	27
		2005	7 505	7 584	101	68	5	9	2	11	5
Guinea		2006	7 786	7 786	100	71	6	9	2	6	6
		2007	7 429	7 429	100	77	7	9	1	3	3
		2008	7 904	7 904	100	78	8	8	1	2	3
		1995	2 263	2 263	100	62	17	6	2	9	5
		2000	3 920	3 920	100	59	9	7	1	15	9
Guinea-Bissau		2005	5 479	5 811	106	65	7	6	2	10	10
		2006	5 903	6 075	103	66	9	4	1	9	10
		2007	6 199	6 199	100	71	8	4	1	7	9
		2008	6 561	4 984	76	70	8	5	2	7	8
		1995	956	959	100	42	23	6	0	23	6
Kenya		2000	526	–	–	–	–	–	–	–	–
		2005	1 132	1 167	103	51	18	12	1	11	7
		2006	1 030	–	–	–	–	–	–	–	–
		2007	–	1 237	–	64	7	5	0	14	9
		2008	1 223	1 242	102	59	11	4	0	17	9
Lesotho		1995	13 934	6 470	46	60	14	9	1	9	7
		2000	28 773	28 376	99	66	14	5	0	9	6
		2005	40 389	40 436	100	71	11	5	0	8	5
		2006	39 154	39 154	100	73	12	5	0	7	3
		2007	38 360	38 360	100	75	11	4	0	7	4
Liberia		2008	36 811	36 811	100	76	9	4	0	7	4
		1995	1 361	1 788	131	32	14	7	0	9	36
		2000	3 041	–	–	–	–	–	–	–	–
		2005	4 280	5 542	129	–	73	8	1	4	14
		2006	4 024	725	18	56	11	12	2	6	14
Madagascar		2007	788	3 728	473	55	12	10	2	4	16
		2008	3 862	3 858	100	64	9	11	2	4	9
		1995	1 154	1 595	138	79	–	5	5	12	0
		2000	1 021	924	90	71	9	2	6	10	3
		2005	2 167	2 167	100	60	16	3	0	12	8
Malawi		2006	2 906	–	–	–	–	–	–	–	–
		2007	–	2 309	–	58	13	6	1	16	5
		2008	3 038	3 042	100	64	15	4	2	10	5
		1995	8 026	9 101	113	47	8	6	2	16	20
		2000	10 506	–	–	61	9	7	1	17	5
Mali		2005	13 056	15 298	117	67	7	6	1	13	5
		2006	15 613	15 668	100	73	5	5	1	11	4
		2007	15 344	15 261	99	75	5	5	1	11	4
		2008	15 391	15 376	100	77	4	5	1	9	5
		1995	6 285	6 293	100	65	6	19	1	0	10
Mauritania		2000	8 260	8 296	100	70	3	19	1	4	3
		2005	8 443	8 443	100	72	2	15	1	3	7
		2006	8 166	8 166	100	77	1	12	1	3	5
		2007	7 608	8 065	106	83	2	9	3	1	2
		2008	7 627	7 632	100	85	2	8	1	2	2
Mauritius		1995	1 866	1 290	69	41	18	5	0	22	14
		2000	2 527	–	–	–	–	–	–	–	–
		2005	3 523	3 530	100	69	6	11	4	7	3
		2006	3 802	3 803	100	70	6	11	4	6	3
		2007	3 894	3 897	100	72	6	11	3	5	2
Mozambique		2008	4 734	4 734	100	75	6	9	4	4	2
		1995	2 074	–	–	–	–	–	–	–	–
		2000	1 583	–	–	–	–	–	–	–	–
		2005	1 155	1 761	152	44	11	2	1	19	24
		2006	1 486	1 652	111	31	9	2	0	12	45
Namibia		2007	1 714	1 716	100	55	11	2	0	17	15
		2008	1 605	1 605	100	54	14	2	1	12	17
		1995	113	–	–	–	–	–	–	–	–
		2000	115	160	139	0	93	3	2	3	0
		2005	110	110	100	86	3	3	0	6	5
Niger		2006	85	157	185	46	46	3	0	5	0
		2007	86	86	100	85	0	3	0	8	3
		2008	85	85	100	87	0	6	0	5	2
		1995	10 566	10 566	100	34	5	3	1	9	48
		2000	13 257	13 296	100	73	2	10	1	11	3
Nigeria		2005	17 877	17 877	100	78	1	12	1	5	2
		2006	18 275	18 275	100	82	1	10	1	5	2
		2007	18 214	18 214	100	78	1	10	1	5	5
		2008	18 824	18 824	100	83	1	10	1	4	1
		1995	697	–	–	–	–	–	–	–	–
Zambia		2000	4 012	4 012	100	41	15	6	2	15	21
		2005	5 222	5 222	100	59	16	7	2	10	7
		2006	5 356	5 177	97	64	12	7	3	8	6
		2007	5 091	5 114	100	72	11	5	3	5	5
		2008	4 828	4 928	102	72	10	6	4	4	4
Zimbabwe		1995	1 492	–	–	–	–	–	–	–	–
		2000	3 045	3 193	105	42	22	8	4	12	11
		2005	5 050	5 050	100	49	25	5	2	14	5
		2006	5 279	5 228	99	63	14	6	2	11	5
		2007	5 773	5 722	99	68	11	5	3	10	4
Zimbabwe		2008	5 853	5 860	100	71	10	6	2	7	4
		1995	9 476	9 476	100	34	15	5	2	9	35
		2000	17 423	16 372	94	65	14	6	2	11	2
		2005	35 048	35 080	100	50	25	9	4	11	1
		2006	39 903	39 903	100	65	11	6	2	10	6

^a TREATMENT SUCCESS = percent cured + percent completed then rounded to the nearest digit.

TABLE A2.4 Treatment outcomes, new smear-positive cases, 1995–2008

	TREATMENT SUCCESS (%) ^a 1995–2008	YEAR	NUMBER NOTIFIED	SIZE OF COHORT	COHORT AS % NOTIFIED	% OF COHORT					
						CURED	COMPLETED	DIED	FAILED	DEFAULTED	NOT EVALUATED
Rwanda		1995	1 840		–						
		2000	3 681	3 776	103	52	9	6	1	4	28
		2005	4 166	4 175	100	73	10	6	2	3	6
		2006	4 220	4 158	99	77	9	5	2	2	4
		2007	4 053	4 081	101	77	9	5	3	2	4
2008	4 173	4 173	100	79	8	5	4	2	3		
Sao Tome and Principe		1995			–						
		2000	30	97	323	52	27	9	5	7	0
		2005	49	49	100	98	0	2	0	0	0
		2006	36	36	100	94	0	3	3	0	0
		2007	58	58	100	90	0	2	5	3	0
2008	52	52	100	94	0	4	2	0	0		
Senegal		1995	5 421	5 421	100	35	9	4	6	16	31
		2000	5 823	5 823	100	43	9	3	1	21	22
		2005	6 722	6 722	100	70	6	4	2	11	8
		2006	6 882	6 882	100	69	7	4	2	10	8
		2007	7 108	7 109	100	72	6	4	2	10	7
2008	7 584	7 584	100	79	5	4	2	7	4		
Seychelles		1995	6	9	150	89	0	11	0	0	0
		2000	11	11	100	82	0	0	0	9	9
		2005	8		–						
		2006		9	–						
		2007		9	–	44	44	0	0	11	0
2008	4	6	150	33	67	0	0	0	0		
Sierra Leone		1995	1 454	1 315	90	55	15	5	7	16	2
		2000	2 472	2 296	93	70	7	6	2	13	2
		2005	4 370	4 370	100	77	8	6	1	6	2
		2006	4 629	4 660	101	75	12	5	1	6	1
		2007	5 347	5 346	100	77	13	4	1	5	1
2008	5 826	5 847	100	73	13	4	1	7	2		
South Africa		1995	23 112	28 209	122	40	18	4	4	15	19
		2000	75 967	86 276	114	54	9	6	1	13	17
		2005	125 460	134 782	107	58	13	7	2	10	10
		2006	131 099	139 516	106	63	11	7	2	9	8
		2007	135 604	143 222	106	64	10	8	2	8	8
2008	138 803	143 520	103	67	9	8	2	8	7		
Swaziland		1995	660		–						
		2000	1 823		–						
		2005	2 187	2 187	100	22	20	6	2	5	45
		2006	2 539	2 538	100	27	15	6	4	13	34
		2007	2 764	2 879	104	36	22	7	6	11	18
2008	3 105	3 213	103	50	18	10	7	8	7		
Togo		1995	887	856	97	42	18	9	3	17	11
		2000	984		–						
		2005	1 798	1 796	100	66	5	12	4	11	2
		2006	2 131	2 131	100	63	4	11	2	17	2
		2007	1 796	1 796	100	71	4	12	3	6	3
2008	2 234	2 229	100	76	3	11	3	3	3		
Uganda		1995	13 631	15 301	112	26	18	7	1	13	36
		2000	17 246	13 874	80	33	30	7	0	17	12
		2005	20 559	20 559	100	32	41	6	0	16	5
		2006	20 364	20 364	100	29	41	6	1	13	12
		2007	21 303	21 303	100	31	44	5	0	15	5
2008	22 766	22 766	100	28	42	5	1	11	14		
United Republic of Tanzania		1995	19 955	19 955	100	69	5	9	1	6	11
		2000	24 049	23 923	99	72	6	10	0	6	5
		2005	25 264	25 324	100	79	4	9	0	4	4
		2006	24 724	24 724	100	80	5	8	0	3	4
		2007	24 520	24 520	100	83	4	6	0	3	3
2008	24 171	23 859	99	84	5	5	0	2	4		
Zambia		1995	10 038	5 957	59	47	23	7	2	14	8
		2000	12 927	7 014	54	48	19	7	6	6	14
		2005	14 857	14 857	100	76	8	8	1	2	5
		2006	14 025	14 025	100	77	8	7	1	3	5
		2007	13 378	13 378	100	78	7	6	1	3	5
2008	13 211	13 173	100	83	5	5	1	3	4		
Zimbabwe		1995	8 965	9 702	108	32	21	10	0	10	26
		2000	14 392	14 392	100	61	8	12	0	7	13
		2005	13 155	12 860	98	59	9	12	2	7	12
		2006	12 718	16 205	127	54	6	8	0	5	27
		2007	10 583	10 583	100	70	7	8	0	6	8
2008	9 830	10 370	105	67	7	9	0	7	9		

^a TREATMENT SUCCESS = percent cured + percent completed then rounded to the nearest digit.

TABLE A2.5 Treatment outcomes, retreatment cases, 1995–2008

	TREATMENT SUCCESS (%) ^a 1995–2008	YEAR	NUMBER NOTIFIED	SIZE OF COHORT	COHORT AS % NOTIFIED	% OF COHORT						
						CURED	COMPLETED	DIED	FAILED	DEFAULTED	NOT EVALUATED	
Algeria		1995	451	—	—	—	—	—	—	—	—	
		2000	547	512	94	61	16	5	4	5	10	
		2005	713	713	100	48	24	2	1	6	19	
		2006	679	607	89	65	14	4	2	9	6	
		2007	718	—	—	—	—	—	—	—	—	—
2008	651	620	95	72	11	4	2	6	6			
Angola		1995	134	—	—	—	—	—	—	—		
		2000	540	—	—	—	—	—	—	—	—	
		2005	2 871	1 613	56	23	24	5	17	26	4	
		2006	18 846	—	—	—	—	—	—	—	—	—
		2007	3 317	3 317	100	43	22	5	4	21	5	
2008	3 584	3 584	100	39	18	4	4	18	18			
Benin		1995	68	139	204	48	19	9	4	19	1	
		2000	465	—	—	—	—	—	—	—	—	—
		2005	337	341	101	60	21	10	3	6	1	
		2006	263	—	—	—	—	—	—	—	—	—
		2007	—	278	—	70	16	6	4	3	2	
2008	236	230	97	65	12	13	7	3	0			
Botswana		1995	147	—	—	—	—	—	—	—	—	
		2000	1 239	395	32	21	54	8	1	11	6	
		2005	548	219	40	33	28	11	5	12	11	
		2006	342	356	104	33	21	10	7	9	20	
		2007	697	350	50	32	20	10	8	10	21	
2008	339	1 067	315	15	30	11	3	11	30			
Burkina Faso		1995	45	26	58	65	12	8	12	0	4	
		2000	95	166	175	57	4	13	5	15	7	
		2005	334	272	81	71	4	6	10	6	4	
		2006	482	409	85	70	5	10	9	5	2	
		2007	462	413	89	71	4	9	9	6	1	
2008	505	427	85	72	5	10	9	4	1			
Burundi		1995	181	265	146	25	21	6	2	28	18	
		2000	—	92	—	50	13	15	3	17	1	
		2005	116	—	—	—	—	—	—	—	—	—
		2006	207	—	—	—	—	—	—	—	—	—
		2007	225	219	97	69	9	8	4	10	0	
2008	205	205	100	67	9	7	1	10	5			
Cameroon		1995	236	—	—	—	—	—	—	—	—	
		2000	251	347	138	50	10	9	5	26	2	
		2005	1 590	1 611	101	49	7	6	3	16	19	
		2006	1 493	10 148	680	10	34	6	1	12	37	
		2007	1 465	1 522	104	49	15	9	2	15	10	
2008	1 420	—	—	—	—	—	—	—	—	—		
Cape Verde		1995	30	—	—	—	—	—	—	—	—	
		2000	—	—	—	—	—	—	—	—	—	—
		2005	34	34	100	41	15	0	0	24	21	
		2006	24	23	96	35	17	9	9	17	13	
		2007	32	—	—	—	—	—	—	—	—	—
2008	31	31	100	32	16	6	3	29	13			
Central African Republic		1995	188	—	—	—	—	—	—	—	—	
		2000	—	353	—	33	16	1	4	39	8	
		2005	291	291	100	53	30	9	0	8	1	
		2006	556	—	—	—	—	—	—	—	—	—
		2007	—	—	—	—	—	—	—	—	—	—
2008	373	1 139	305	41	41	3	3	6	6			
Chad		1995	203	92	45	29	18	5	2	40	4	
		2000	—	—	—	—	—	—	—	—	—	—
		2005	515	—	—	—	—	—	—	—	—	—
		2006	—	—	—	—	—	—	—	—	—	—
		2007	402	—	—	—	—	—	—	—	—	—
2008	631	0	0	—	—	—	—	—	—	—		
Comoros		1995	7	7	100	43	0	29	0	29	0	
		2000	5	5	100	100	0	0	0	0	0	
		2005	3	5	167	100	0	0	0	0	0	
		2006	7	—	—	—	—	—	—	—	—	—
		2007	—	6	—	67	0	0	33	0	0	
2008	6	6	100	100	0	0	0	0	0			
Congo		1995	78	—	—	—	—	—	—	—	—	
		2000	819	187	23	49	13	3	3	28	4	
		2005	407	477	117	12	2	0	0	3	83	
		2006	403	302	75	42	15	2	2	38	1	
		2007	349	—	—	—	—	—	—	—	—	—
2008	473	524	111	49	22	3	4	21	0			
Côte d'Ivoire		1995	649	—	—	—	—	—	—	—	—	
		2000	1 217	507	42	45	10	8	9	21	7	
		2005	980	980	100	43	14	8	7	13	15	
		2006	1 192	1 192	100	50	18	8	7	10	7	
		2007	1 315	1 315	100	46	21	8	4	16	4	
2008	1 429	1 429	100	55	12	7	12	9	4			
Democratic Republic of the Congo		1995	2 891	1 202	42	56	16	8	2	12	6	
		2000	2 630	—	—	—	—	—	—	—	—	—
		2005	5 491	5 448	99	71	4	10	4	6	5	
		2006	5 861	6 345	108	63	4	8	3	14	9	
		2007	6 412	6 412	100	61	14	8	3	6	8	
2008	7 790	5 399	69	70	5	9	3	5	8			
Equatorial Guinea		1995	1	6	600	83	0	0	17	0	0	
		2000	—	—	—	—	—	—	—	—	—	—
		2005	—	—	—	—	—	—	—	—	—	—
		2006	—	—	—	—	—	—	—	—	—	—
		2007	—	27	—	19	0	15	0	63	4	
2008	50	50	100	26	10	14	4	38	8			
Eritrea		1995	—	—	—	—	—	—	—	—	—	
		2000	67	—	—	—	—	—	—	—	—	—
		2005	124	—	—	—	—	—	—	—	—	—
		2006	190	69	36	72	7	7	6	4	3	
		2007	210	133	63	66	12	9	8	2	3	
2008	145	145	100	66	2	7	7	1	17			
Ethiopia		1995	343	193	56	71	8	3	5	8	5	
		2000	2 777	1 556	56	60	11	10	4	8	7	
		2005	3 119	3 116	100	41	15	9	2	5	28	
		2006	2 846	2 846	100	54	16	8	2	4	16	
		2007	2 934	3 014	103	47	16	6	2	3	26	
2008	2 949	2 949	100	46	29	6	2	4	13			

^a TREATMENT SUCCESS = percent cured + percent completed then rounded to the nearest digit.

TABLE A2.5 Treatment outcomes, retreatment cases, 1995–2008

	TREATMENT SUCCESS (%) ^a 1995–2008	YEAR	NUMBER NOTIFIED	SIZE OF COHORT	COHORT AS % NOTIFIED	% OF COHORT					
						CURED	COMPLETED	DIED	FAILED	DEFAULTED	NOT EVALUATED
Gabon		1995	44	–	–	–	–	–	–	–	–
		2000	–	–	–	–	–	–	–	–	–
		2005	257	150	58	18	12	5	3	60	3
		2006	270	115	43	28	23	3	3	42	3
		2007	342	167	49	19	23	1	0	26	31
2008	296	158	53	10	21	18	2	11	39		
Gambia		1995	6	45	750	69	0	11	2	11	7
		2000	–	–	–	–	–	–	–	–	–
		2005	166	–	–	–	–	–	–	–	–
		2006	103	–	–	–	–	–	–	–	–
		2007	140	88	63	72	3	14	0	7	5
2008	143	118	83	68	6	15	3	3	6		
Ghana		1995	159	47	30	68	6	6	9	9	2
		2000	502	–	–	–	–	–	–	–	–
		2005	532	540	102	40	8	6	3	11	32
		2006	537	537	100	46	16	11	3	8	16
		2007	681	681	100	41	17	9	2	1	30
2008	764	764	100	40	27	8	2	2	21		
Guinea		1995	55	112	204	44	23	3	9	13	8
		2000	446	299	67	63	8	5	3	8	13
		2005	458	458	100	45	16	10	7	13	11
		2006	576	568	99	62	13	3	4	8	10
		2007	652	652	100	33	8	4	1	6	49
2008	671	414	62	60	11	7	4	10	8		
Guinea-Bissau		1995	59	–	–	–	–	–	–	–	–
		2000	90	–	–	–	–	–	–	–	–
		2005	138	146	106	44	34	8	0	8	7
		2006	157	–	–	–	–	–	–	–	–
		2007	–	40	–	70	18	5	0	0	8
2008	82	92	112	53	13	9	0	13	12		
Kenya		1995	1 064	879	83	61	11	9	1	10	8
		2000	2 477	1 964	79	65	11	2	8	10	4
		2005	8 975	3 794	42	68	9	10	1	7	5
		2006	10 299	3 945	38	71	8	7	1	8	5
		2007	10 462	3 285	31	73	8	7	1	7	4
2008	10 444	10 444	100	25	47	7	0	7	14		
Lesotho		1995	147	–	–	–	–	–	–	–	–
		2000	1 481	–	–	–	–	–	–	–	–
		2005	1 041	597	57	–	71	11	2	2	14
		2006	1 678	201	12	23	30	22	1	1	22
		2007	300	700	233	13	31	11	3	6	36
2008	1 786	1 746	98	23	39	18	2	3	14		
Liberia		1995	–	–	–	–	–	–	–	–	–
		2000	32	41	128	39	22	12	7	20	0
		2005	57	57	100	75	9	2	–	9	5
		2006	133	–	–	–	–	–	–	–	–
		2007	–	120	–	60	21	6	8	4	2
2008	132	112	85	72	15	8	2	3	0		
Madagascar		1995	596	–	–	–	–	–	–	–	–
		2000	–	–	–	–	–	–	–	–	–
		2005	1 498	1 825	122	65	7	7	2	12	6
		2006	1 718	1 780	104	66	7	7	2	12	6
		2007	1 803	1 803	100	67	9	8	1	10	6
2008	1 962	1 676	85	74	3	6	1	10	7		
Malawi		1995	551	492	89	65	4	22	2	1	6
		2000	764	797	104	61	5	23	1	6	3
		2005	3 212	1 093	34	74	1	19	1	3	3
		2006	2 969	1 006	34	78	2	12	1	2	4
		2007	2 792	932	33	82	2	10	2	2	2
2008	2 533	779	31	80	4	10	1	1	4		
Mali		1995	153	–	–	–	–	–	–	–	–
		2000	239	–	–	–	–	–	–	–	–
		2005	380	379	100	67	6	10	5	10	3
		2006	456	449	98	63	5	10	7	10	5
		2007	423	423	100	69	7	11	6	5	2
2008	411	407	99	69	5	12	7	5	2		
Mauritania		1995	520	–	–	–	–	–	–	–	–
		2000	938	–	–	–	–	–	–	–	–
		2005	206	–	–	–	–	–	–	–	–
		2006	264	280	106	25	7	–	–	–	54
		2007	214	168	79	46	8	5	5	22	13
2008	194	216	111	44	13	3	1	22	15		
Mauritius		1995	2	–	–	–	–	–	–	–	–
		2000	12	2	17	0	0	50	50	0	0
		2005	5	5	100	60	20	–	–	20	0
		2006	4	7	175	57	43	0	0	0	0
		2007	6	6	100	50	0	17	0	33	0
2008	4	4	100	50	0	25	0	25	0		
Mozambique		1995	899	–	–	–	–	–	–	–	–
		2000	1 463	1 594	109	69	3	11	4	11	2
		2005	1 886	1 855	98	69	1	15	2	10	3
		2006	1 810	1 818	100	63	2	12	2	7	14
		2007	1 746	1 746	100	68	2	12	3	8	7
2008	1 782	1 782	100	63	2	10	6	5	14		
Namibia		1995	88	–	–	–	–	–	–	–	–
		2000	1 534	604	39	41	14	8	6	13	17
		2005	1 823	2 009	110	24	29	11	3	13	22
		2006	2 113	2 255	107	28	35	13	6	12	6
		2007	1 757	1 486	85	53	12	10	11	10	4
2008	1 439	1 439	100	58	15	9	10	5	2		
Niger		1995	–	–	–	–	–	–	–	–	–
		2000	255	–	–	–	–	–	–	–	–
		2005	754	–	–	–	–	–	–	–	–
		2006	758	730	96	57	18	6	7	8	5
		2007	794	790	99	54	20	7	7	8	3
2008	617	616	100	67	12	8	5	6	3		
Nigeria		1995	303	–	–	–	–	–	–	–	–
		2000	2 356	1 848	78	58	13	7	7	11	4
		2005	4 867	3 662	75	48	18	2	11	20	1
		2006	5 565	4 605	83	60	17	4	7	10	3
		2007	6 093	6 093	100	54	13	6	3	7	17
2008	7 048	7 048	100	47	12	2	5	6	27		

^a TREATMENT SUCCESS = percent cured + percent completed then rounded to the nearest digit.

TABLE A2.5 Treatment outcomes, retreatment cases, 1995–2008

	TREATMENT SUCCESS (%) ^a 1995–2008	YEAR	NUMBER NOTIFIED	SIZE OF COHORT	COHORT AS % NOTIFIED	% OF COHORT					
						CURED	COMPLETED	DIED	FAILED	DEFAULTED	NOT EVALUATED
Rwanda		1995	200	–	–	–	–	–	–	–	–
		2000	374	296	79	49	5	14	1	5	25
		2005	831	506	61	56	9	15	3	4	13
		2006	558	618	111	52	20	10	9	3	6
		2007	478	448	94	62	8	7	14	3	6
2008	397	397	100	64	9	7	7	5	8		
Sao Tome and Principe		1995	–	–	–	–	–	–	–	–	–
		2000	4	–	–	–	–	–	–	–	–
		2005	27	0	0	–	–	–	–	–	–
		2006	0	6	–	67	0	33	0	0	0
		2007	5	5	100	60	0	0	20	20	0
2008	6	3	50	67	0	0	33	0	0		
Senegal		1995	563	634	113	45	11	5	10	25	4
		2000	1 056	931	88	40	8	4	3	23	23
		2005	920	920	100	58	5	8	5	13	11
		2006	1 006	896	89	59	6	6	5	13	11
		2007	843	843	100	62	5	8	4	13	8
2008	1 144	972	85	70	5	7	4	10	5		
Seychelles		1995	0	–	–	–	–	–	–	–	–
		2000	0	–	–	–	–	–	–	–	–
		2005	2	–	–	–	–	–	–	–	–
		2006	–	–	–	–	–	–	–	–	–
		2007	–	0	–	–	–	–	–	–	–
2008	0	0	–	–	–	–	–	–	–		
Sierra Leone		1995	41	69	168	72	14	3	4	4	1
		2000	441	–	–	–	–	–	–	–	–
		2005	330	328	99	68	7	6	3	15	1
		2006	297	297	100	72	11	8	2	7	1
		2007	373	168	45	80	10	8	0	2	0
2008	389	153	39	78	7	5	1	6	3		
South Africa		1995	179	–	–	–	–	–	–	–	–
		2000	56 202	24 847	44	43	8	8	3	19	19
		2005	60 588	64 923	107	29	29	11	2	16	13
		2006	68 869	43 225	63	56	10	5	9	12	7
		2007	66 646	60 084	90	54	10	5	6	13	13
2008	64 470	28 147	44	56	14	9	5	10	6		
Swaziland		1995	489	–	–	–	–	–	–	–	–
		2000	1 249	–	–	–	–	–	–	–	–
		2005	470	1 113	237	7	21	11	3	5	54
		2006	490	1 048	214	8	20	12	6	11	42
		2007	1 083	663	61	20	17	12	11	12	27
2008	1 319	1 418	108	14	34	15	11	9	17		
Togo		1995	93	93	100	16	17	5	4	19	38
		2000	133	–	–	–	–	–	–	–	–
		2005	179	128	72	73	2	14	4	7	0
		2006	195	–	–	–	–	–	–	–	–
		2007	130	133	102	59	4	23	2	11	2
2008	196	194	99	73	2	14	4	7	0		
Uganda		1995	955	–	–	–	–	–	–	–	–
		2000	1 505	1 209	80	34	30	13	0	13	10
		2005	2 430	–	–	–	–	–	–	–	–
		2006	2 248	1 357	60	33	43	8	1	10	4
		2007	2 136	1 433	67	32	49	8	1	6	4
2008	3 177	2 491	78	31	48	8	1	12	0		
United Republic of Tanzania		1995	1 335	1 455	109	66	10	11	1	8	4
		2000	1 772	3 356	189	49	24	14	1	6	6
		2005	5 032	5 067	101	37	39	13	1	4	6
		2006	4 635	4 639	100	38	39	12	1	4	6
		2007	4 525	4 525	100	39	43	10	0	3	5
2008	4 474	4 537	101	34	49	1	10	3	4		
Zambia		1995	243	–	–	–	–	–	–	–	–
		2000	1 455	894	61	52	15	11	4	5	12
		2005	5 496	5 496	100	24	60	9	1	3	4
		2006	5 254	5 254	100	29	52	10	1	3	5
		2007	5 833	5 833	100	24	58	9	0	3	6
2008	5 236	2 958	56	0	80	9	0	4	6		
Zimbabwe		1995	737	–	–	–	–	–	–	–	–
		2000	–	1 063	–	51	14	17	1	8	9
		2005	5 941	4 667	79	13	46	16	0	13	11
		2006	4 722	929	20	54	3	17	1	7	19
		2007	2 486	2 486	100	35	15	19	1	14	16
2008	3 631	1 109	31	63	10	12	1	7	7		

^a TREATMENT SUCCESS = percent cured + percent completed then rounded to the nearest digit.

TABLE A.6 HIV testing and provision of CPT, ART and IPT, 2005–2009

	% OF TB PATIENTS WITH KNOWN HIV STATUS 2005–2009	YEAR	% OF TB PATIENTS WITH KNOWN HIV STATUS	NUMBER OF TB PATIENTS WITH KNOWN HIV STATUS	PATIENTS NOTIFIED (NEW AND RETREAT) ^a	NUMBER OF HIV-POSITIVE TB PATIENTS	% OF TESTED TB PATIENTS HIV-POSITIVE	% OF HIV-POSITIVE TB PATIENTS ON CPT	% OF HIV-POSITIVE TB PATIENTS ON ART	NUMBER OF HIV-POSITIVE PEOPLE PROVIDED IPT
Algeria		2005	–	–	21 501	–	–	–	–	–
		2006	–	–	21 263	–	–	–	–	–
		2007	–	–	21 540	–	–	–	–	–
		2008	–	–	20 730	–	–	–	–	–
		2009	–	–	21 823	–	–	–	–	–
Angola		2005	–	–	38 317	–	–	–	–	–
		2006	–	–	54 699	–	–	–	–	–
		2007	9	3 800	42 383	450	12	62	13	–
		2008	–	–	45 923	–	–	–	–	–
		2009	5	2 023	44 151	306	15	14	9	–
Benin		2005	23	796	3 457	110	14	–	–	–
		2006	89	3 318	3 734	494	15	68	43	0
		2007	–	3 386	–	501	15	94	44	–
		2008	96	3 802	3 977	653	17	97	40	–
		2009	96	3 845	3 987	629	16	–	–	–
Botswana		2005	23	2 291	10 104	1 829	80	–	–	18 762
		2006	59	5 046	8 519	3 590	71	–	–	19 034
		2007	68	5 480	8 096	3 698	67	28	28	6 042
		2008	71	6 120	8 665	4 149	68	32	32	12 802
		2009	70	6 128	8 781	4 036	66	36	36	11 732
Burkina Faso		2005	33	1 213	3 659	559	46	68	32	–
		2006	62	2 624	4 248	739	28	81	39	–
		2007	80	3 390	4 243	781	23	93	47	–
		2008	95	4 308	4 554	948	22	98	52	0
		2009	94	4 817	5 105	981	20	98	51	–
Burundi		2005	–	–	6 627	–	–	–	–	0
		2006	–	–	6 176	–	–	–	–	–
		2007	–	–	6 343	–	–	–	–	416
		2008	8	526	6 865	243	46	25	14	–
		2009	39	2 857	7 323	1 305	46	47	32	617
Cameroon		2005	–	–	22 073	–	–	–	–	0
		2006	36	8 639	24 002	3 363	39	11	3	–
		2007	48	11 825	24 589	5 378	45	55	37	–
		2008	71	17 885	25 125	7 211	40	59	36	0
		2009	74	18 677	25 174	7 494	40	–	–	0
Cape Verde		2005	98	298	305	14	5	–	100	–
		2006	98	270	276	8	3	100	–	0
		2007	70	205	292	–	–	–	–	–
		2008	–	–	349	–	–	–	–	–
		2009	80	282	352	57	20	–	–	0
Central African Republic		2005	–	–	3 338	–	–	–	–	–
		2006	–	–	6 375	–	–	–	–	0
		2007	–	–	–	–	–	–	–	–
		2008	–	–	6 935	–	–	–	–	0
		2009	42	3 749	8 996	1 230	33	66	35	0
Chad		2005	–	–	6 505	–	–	–	–	–
		2006	–	–	–	–	–	–	–	–
		2007	–	–	6 200	–	–	–	–	–
		2008	–	–	7 195	–	–	–	–	–
		2009	–	–	8 651	–	–	–	–	0
Comoros		2005	100	112	112	2	2	100	100	–
		2006	100	116	116	2	2	0	0	2
		2007	–	–	–	–	–	–	–	–
		2008	80	110	137	0	0	–	–	0
		2009	91	117	129	0	0	–	–	0
Congo		2005	–	–	9 961	–	–	–	–	–
		2006	–	–	8 600	–	–	–	–	–
		2007	7	616	9 121	383	62	100	49	0
		2008	2	180	9 057	36	20	100	100	–
		2009	2	205	9 935	99	48	100	100	–
Côte d'Ivoire		2005	20	4 079	20 026	1 551	38	38	14	–
		2006	27	5 810	21 145	2 130	37	56	47	–
		2007	48	11 264	23 383	4 370	39	90	26	0
		2008	72	17 201	24 048	5 073	29	60	22	–
		2009	75	17 253	23 009	5 207	30	71	31	0
Democratic Republic of the Congo		2005	2	1 885	99 558	386	20	74	1	–
		2006	4	3 931	98 139	188	5	90	64	0
		2007	14	14 484	102 764	2 129	15	95	20	–
		2008	20	21 856	108 215	3 932	18	42	18	–
		2009	18	20 630	116 664	4 173	20	34	16	0
Equatorial Guinea		2005	–	–	–	–	–	–	–	–
		2006	–	–	–	–	–	–	–	–
		2007	–	320	–	109	34	–	–	–
		2008	100	741	741	41	6	–	–	0
		2009	100	720	720	121	17	–	–	–
Eritrea		2005	–	–	3 612	–	–	–	–	–
		2006	–	–	3 136	–	–	–	–	–
		2007	–	–	3 743	–	–	–	–	–
		2008	–	–	3 006	–	–	–	–	–
		2009	–	–	3 022	–	–	–	–	–
Ethiopia		2005	3	3 211	125 135	1 321	41	88	29	1 983
		2006	3	3 255	123 009	1 295	40	86	27	1 399
		2007	16	20 723	129 743	6 342	31	71	42	2 381
		2008	23	33 021	141 909	7 891	24	67	44	1 493
		2009	37	56 040	150 221	11 098	20	68	41	2 403
Gabon		2005	7	185	2 611	185	100	100	–	0
		2006	20	645	3 206	645	100	100	–	0
		2007	18	719	3 943	719	100	–	–	0
		2008	21	966	4 678	613	63	49	49	0
		2009	32	1 130	3 559	667	59	52	52	–
Gambia		2005	–	–	2 120	–	–	–	–	–
		2006	29	550	1 881	142	26	–	16	–
		2007	47	937	2 010	230	25	0	5	–
		2008	73	1 578	2 169	294	19	–	18	–
		2009	94	2 045	2 186	326	16	–	11	–
Ghana		2005	7	844	12 124	340	40	100	37	–
		2006	17	2 136	12 511	711	33	68	14	–
		2007	44	5 695	12 961	1 621	28	72	17	0
		2008	51	7 373	14 467	1 630	22	87	24	0
		2009	65	9 870	15 286	2 218	22	72	24	0

^a Data presented as of 31 August 2010. Notification data for European Union countries were not available.

TABLE A.6 HIV testing and provision of CPT, ART and IPT, 2005–2009

	% OF TB PATIENTS WITH KNOWN HIV STATUS 2005–2009		YEAR	% OF TB PATIENTS WITH KNOWN HIV STATUS	NUMBER OF TB PATIENTS WITH KNOWN HIV STATUS	PATIENTS NOTIFIED (NEW AND RETREAT) ^a	NUMBER OF HIV-POSITIVE TB PATIENTS	% OF TESTED TB PATIENTS HIV-POSITIVE	% OF HIV-POSITIVE TB PATIENTS ON CPT	% OF HIV-POSITIVE TB PATIENTS ON ART	NUMBER OF HIV-POSITIVE PEOPLE PROVIDED IPT	
Guinea		2005	–	–	7 090	–	–	–	–	–	–	
		2006	–	–	9 076	–	–	–	–	–	–	
		2007	9	–	9 726	140	16	100	100	–	–	
		2008	10	1 020	10 345	197	19	97	24	0	–	
		2009	63	5 444	8 614	1 288	24	40	7	–	–	
Guinea-Bissau		2005	11	200	1 816	110	55	100	30	0	–	
		2006	7	151	2 161	85	56	100	51	42	–	
		2007	–	683	–	283	41	80	13	–	–	
		2008	22	543	2 430	250	46	83	–	–	–	
		2009	–	–	2 188	–	–	–	–	–	–	
Kenya		2005	14	15 658	108 401	8 954	57	44	17	–	–	
		2006	60	69 337	115 234	36 136	52	141	43	–	–	
		2007	79	91 841	116 723	43 954	48	93	37	0	–	
		2008	83	91 463	110 251	41 174	45	92	30	0	–	
		2009	88	96 676	110 065	42 294	44	92	34	–	–	
Lesotho		2005	1	156	11 404	127	81	79	–	–	–	
		2006	11	1 470	13 368	1 228	84	52	16	–	–	
		2007	24	6 223	2 521	4 974	80	70	18	–	–	
		2008	68	9 008	13 219	6 830	76	82	27	–	–	
		2009	78	10 563	13 515	8 084	77	94	28	–	–	
Liberia		2005	3	114	3 456	14	12	–	–	–	–	
		2006	15	688	4 514	101	15	–	–	–	–	
		2007	–	–	–	–	–	–	–	–	–	–
		2008	80	4 002	5 023	64	2	50	39	–	–	
		2009	100	5 964	5 964	72	1	42	49	0	–	
Madagascar		2005	9	1 759	19 475	16	1	–	–	–	–	
		2006	–	–	22 517	–	–	–	–	–	–	
		2007	6	1 381	22 441	8	1	–	–	0	–	
		2008	28	6 471	22 775	9	0	–	–	0	–	
		2009	–	–	23 363	–	–	–	–	–	–	
Malawi		2005	44	12 243	27 610	8 447	69	92	49	–	–	
		2006	64	17 253	27 011	12 064	70	93	36	–	–	
		2007	86	22 744	26 299	15 491	68	89	42	0	–	
		2008	84	21 557	25 684	13 687	63	96	38	–	–	
		2009	86	21 041	24 356	13 558	64	94	45	0	–	
Mali		2005	–	–	4 877	–	–	–	–	–	–	
		2006	9	478	5 224	70	15	–	–	–	–	
		2007	25	1 362	5 395	279	20	–	–	–	–	
		2008	49	3 041	6 208	452	15	9	4	0	–	
		2009	55	3 760	6 835	585	16	45	10	0	–	
Mauritania		2005	0	10	2 218	0	0	–	–	–	–	
		2006	–	–	2 766	–	–	–	–	–	–	
		2007	2	63	3 025	63	100	100	86	0	–	
		2008	2	52	2 726	52	100	100	100	–	–	
		2009	7	199	2 664	23	12	–	–	–	–	
Mauritius		2005	91	115	127	2	2	100	50	–	–	
		2006	87	100	115	5	5	80	80	2	–	
		2007	96	104	108	7	7	100	86	3	–	
		2008	94	101	108	10	10	50	50	0	–	
		2009	95	110	116	7	6	100	71	0	–	
Mozambique		2005	–	–	33 718	–	–	–	–	–	–	
		2006	24	8 631	35 632	6 079	70	17	46	109	–	
		2007	70	26 548	38 044	12 563	47	93	33	676	–	
		2008	81	32 182	39 735	19 330	60	92	30	724	–	
		2009	84	38 087	45 529	25 056	66	89	22	2 429	–	
Namibia		2005	16	2 547	15 894	1 465	58	–	–	–	–	
		2006	30	4 653	15 771	3 117	67	100	–	–	–	
		2007	53	8 186	15 532	4 803	59	31	16	–	–	
		2008	67	9 188	13 637	5 718	62	92	35	–	–	
		2009	74	9 849	13 332	5 676	58	91	35	17 737	–	
Niger		2005	–	–	8 224	152	–	–	43	34	–	
		2006	–	–	8 755	–	–	–	–	–	–	
		2007	11	1 088	9 592	303	28	24	–	0	–	
		2008	24	2 243	9 393	320	14	45	–	–	–	
		2009	24	2 424	10 228	300	12	–	–	–	–	
Nigeria		2005	10	6 897	66 848	1 241	18	–	–	–	–	
		2006	10	7 422	74 225	1 558	21	–	–	–	–	
		2007	32	27 849	86 241	6 275	23	31	–	76	–	
		2008	62	56 053	90 311	15 301	27	26	45	2 099	–	
		2009	75	70 693	94 114	18 087	26	48	39	1 853	–	
Rwanda		2005	65	5 003	7 680	2 276	45	15	13	–	–	
		2006	76	6 300	8 283	2 561	41	44	31	0	–	
		2007	89	7 132	8 014	2 673	37	61	39	–	–	
		2008	96	7 510	7 841	2 560	34	87	60	0	–	
		2009	97	7 448	7 644	2 529	34	92	49	0	–	
Sao Tome and Principe		2005	100	152	152	5	3	–	–	–	–	
		2006	100	153	153	3	2	0	0	0	–	
		2007	100	93	93	9	10	100	22	0	–	
		2008	97	69	71	6	9	100	50	–	–	
		2009	100	79	79	10	13	100	30	2	–	
Senegal		2005	–	–	10 120	–	–	–	–	–	–	
		2006	–	–	10 664	–	–	–	–	–	–	
		2007	22	2 367	10 680	367	16	77	32	0	–	
		2008	51	5 963	11 591	601	10	71	34	0	–	
		2009	59	6 906	11 732	455	7	85	27	0	–	
Seychelles		2005	–	–	14	2	–	100	100	–	–	
		2006	–	–	–	–	–	–	–	–	–	
		2007	–	–	–	–	–	–	–	–	–	
		2008	100	6	6	0	0	–	–	0	–	
		2009	100	15	15	3	20	100	67	0	–	
Sierra Leone		2005	–	–	6 930	–	–	–	–	–	–	
		2006	25	2 080	8 208	174	8	60	–	–	–	
		2007	38	3 621	9 623	414	11	–	–	–	–	
		2008	72	7 949	11 021	920	12	–	–	–	–	
		2009	73	8 625	11 826	987	11	–	–	–	–	
South Africa		2005	22	67 988	302 467	35 299	52	100	33	1 466	–	
		2006	32	110 235	341 165	58 249	53	98	53	2 512	–	
		2007	39	136 247	353 619	87 764	64	67	24	5 642	–	
		2008	39	150 542	388 882	89 950	60	72	25	7 359	–	
		2009	51	197 448	383 670	114 523	58	71	42	23 583	–	

^a Data presented as of 31 August 2010. Notification data for European Union countries were not available.

TABLE A.6 HIV testing and provision of CPT, ART and IPT, 2005–2009

	% OF TB PATIENTS WITH KNOWN HIV STATUS 2005–2009	YEAR	% OF TB PATIENTS WITH KNOWN HIV STATUS	NUMBER OF TB PATIENTS WITH KNOWN HIV STATUS	PATIENTS NOTIFIED (NEW AND RETREAT) ^a	NUMBER OF HIV-POSITIVE TB PATIENTS	% OF TESTED TB PATIENTS HIV-POSITIVE	% OF HIV-POSITIVE TB PATIENTS ON CPT	% OF HIV-POSITIVE TB PATIENTS ON ART	NUMBER OF HIV-POSITIVE PEOPLE PROVIDED IPT
Swaziland		2005	–	–	8 864	–	–	–	–	0
		2006	20	1 847	9 195	1 476	80	88	19	0
		2007	68	6 517	9 636	5 252	81	95	19	0
		2008	71	6 805	9 565	5 699	84	95	24	0
Togo		2005	–	–	2 635	–	–	–	–	0
		2006	–	–	2 924	–	–	–	–	0
		2007	5	134	2 493	17	13	100	–	0
		2008	17	512	3 069	162	32	34	30	0
Uganda		2005	–	–	3 093	357	25	–	–	0
		2006	25	10 555	41 809	7 523	71	25	10	0
		2007	28	11 590	41 579	6 838	59	52	13	0
		2008	40	16 527	41 612	9 687	59	67	16	121
United Republic of Tanzania		2008	63	27 695	43 843	16 432	59	78	22	0
		2009	71	31 695	44 335	17 131	54	86	22	0
		2005	3	1 613	64 200	841	52	61	22	0
		2006	3	1 613	62 100	841	52	50	22	0
Zambia		2007	50	31 305	62 092	14 669	47	72	31	0
		2008	77	48 846	63 364	19 940	41	82	30	0
		2009	76	56 162	74 365	21 031	37	90	32	153
		2005	2	1 082	53 267	614	57	–	68	0
Zimbabwe		2006	11	5 485	51 179	3 514	64	62	77	0
		2007	47	23 574	50 415	16 240	69	40	41	0
		2008	65	30 654	47 371	20 839	68	46	41	850
		2009	77	34 992	45 551	23 584	67	64	42	0
Zimbabwe		2005	–	–	54 891	–	–	–	–	0
		2006	–	–	47 774	–	–	–	–	0
		2007	26	10 711	41 414	7 373	69	79	23	0
		2008	56	22 062	39 348	16 619	75	75	28	226
Zimbabwe		2009	61	28 006	45 970	21 967	78	–	–	0

^a Data presented as of 31 August 2010. Notification data for European Union countries were not available.

TABLE A2.7 Testing for MDR-TB and number of confirmed cases of MDR-TB, 2005–2009

YEAR	TOTAL CONFIRMED CASES OF MDR-TB ^a	NEW CASES				PREVIOUSLY TREATED CASES				
		NOTIFIED	NUMBER OF NOTIFIED TESTED FOR MDR-TB	% OF NOTIFIED TESTED FOR MDR-TB	NUMBER OF CONFIRMED CASES OF MDR-TB	NOTIFIED	NUMBER OF NOTIFIED TESTED FOR MDR-TB	% OF NOTIFIED TESTED FOR MDR-TB	NUMBER OF CONFIRMED CASES OF MDR-TB	
Algeria	2005	74	20 788	809	4	14	713	164	23	60
	2006		20 584		–		679		–	
	2007		20 822		–		718		–	
	2008		20 079		–		651		–	
	2009		21 211		–		612		–	
Angola	2005		35 446		–		2 871		–	
	2006		35 853		–		18 846		–	
	2007		39 066		–		3 317		–	
	2008		42 339		–		3 584		–	
	2009		38 823		–		5 328		–	
Benin	2005	28	3 120	31	1	3	337	107	32	25
	2006	21	3 471	81	2	3	263	66	25	17
	2007				–				–	
	2008	4	3 741	0	0	0	236	141	60	4
	2009	14	3 716		–		271	94	35	14
Botswana	2005	12	9 556		–		548		–	
	2006		8 177		–		342		–	
	2007	139	7 399		–		697		–	
	2008	126	8 326	530	6	51	339	299	88	75
	2009	101	7 690	268	3	30	1 091	251	23	54
Burkina Faso	2005	3	3 325		–		334	126	38	3
	2006	6	3 766	0	0	0	482	0	0	0
	2007	12	3 781	1	0	1	462	14	3	8
	2008	16	4 049	1	0	1	505	0	0	0
	2009	19	4 503	3	0	0	602	52	9	19
Burundi	2005		6 511		–		116		–	
	2006	0	5 969	0	0	0	207	0	0	0
	2007	26	6 118	0	0	0	225	0	0	0
	2008	17	6 660	0	0	0	205	0	0	0
	2009	0	7 085	0	0	0	238	0	0	0
Cameroon	2005		20 483		–		1 590		–	
	2006		22 509		–		1 493		–	
	2007	0	23 124	0	0	0	1 465	0	0	0
	2008		23 705		–		1 420		–	
	2009		23 605		–		1 569		–	
Cape Verde	2005		271		–		34		–	
	2006		252		–		24		–	
	2007	0	260	0	0	0	32	0	0	0
	2008	0	318	0	0	0	31	1	3	0
	2009	0	319	0	0	0	33	0	0	0
Central African Republic	2005		3 047		–		291		–	
	2006	0	5 819	0	0	0	556	0	0	0
	2007				–				–	
	2008	12	6 562	233	4	1	373	21	6	11
	2009	7	8 367	225	3	1	629	21	3	6
Chad	2005		5 990		–		515		–	
	2006				–				–	
	2007	0	5 798	0	0	0	402	0	0	0
	2008	0	6 564	0	0	0	631	0	0	0
	2009	0	7 975	0	0	0	676	0	0	0
Comoros	2005	0	109	0	0	0	3	0	0	0
	2006	0	109	0	0	0	7	0	0	0
	2007				–				–	
	2008	2	129	0	0	0	6	0	0	0
	2009	0	115	0	0	0	6	0	0	0
Congo	2005		9 554		–		407		–	
	2006		8 197		–		403		–	
	2007	0	8 772	0	0	0	349	0	0	0
	2008		8 584		–		473		–	
	2009		9 484		–		451		–	
Côte d'Ivoire	2005	47	19 046	0	0	0	980	0	0	
	2006		19 953		–		1 192		–	
	2007	0	22 068	0	0	0	1 315	0	0	0
	2008	24	22 619	0	0	0	1 429	53	4	24
	2009	43	21 573	0	0	0	1 436	309	22	43
Democratic Republic of the Congo	2005		93 493		–		5 491		–	
	2006	1	91 794		–		5 861	75	1	1
	2007	15	95 804	37	0	15	6 412	123	2	67
	2008	128	100 425	40	0	3	7 790	190	2	125
	2009	91	107 839		–		8 825	111	1	91
Equatorial Guinea	2005				–				–	
	2006				–				–	
	2007				–				–	
	2008	5	691	1	0	1	50	0	0	0
	2009		676		–		44		–	
Eritrea	2005		3 452		–		124		–	
	2006		2 946		–		190		–	
	2007		3 533		–		210		–	
	2008		2 861		–		145		–	
	2009		2 815		–		207		–	
Ethiopia	2005		122 016		–		3 119		–	
	2006		120 163		–		2 846		–	
	2007	145	126 809	13	0	1	2 934	296	10	144
	2008	130	138 960		–		2 949		–	
	2009	233	146 677	16	0	12	3 544	298	8	180
Gabon	2005	0	2 354	0	0	0	257	0	0	0
	2006		2 936		–		270		–	
	2007	0	3 601	0	0	0	342	0	0	0
	2008		4 382		–		296		–	
	2009		2 904		–		655		–	
Gambia	2005		1 954		–		166		–	
	2006	1	1 778	1	0	1	103	29	28	0
	2007	0	1 870	0	0	0	140	58	41	0
	2008	0	2 026	0	0	0	143	143	100	0
	2009	0	2 079	0	0	0	107	0	0	0
Ghana	2005	1	11 592	50	0	0	532	2	0	1
	2006		11 974		–		537		–	
	2007	7	12 280	0	0	0	681		–	
	2008	2	13 703	0	0	0	764	100	13	2
	2009		14 426		–		860		–	

^a TOTAL CONFIRMED CASES OF MDR-TB includes cases with unknown previous treatment history (i.e. not included under NEW CASES or PREVIOUSLY TREATED CASES).

TABLE A2.7 Testing for MDR-TB and number of confirmed cases of MDR-TB, 2005–2009

YEAR	TOTAL CONFIRMED CASES OF MDR-TB ^a	NEW CASES			PREVIOUSLY TREATED CASES					
		NOTIFIED	NUMBER OF NOTIFIED TESTED FOR MDR-TB	% OF NOTIFIED TESTED FOR MDR-TB	NUMBER OF CONFIRMED CASES OF MDR-TB	NOTIFIED	NUMBER OF NOTIFIED TESTED FOR MDR-TB	% OF NOTIFIED TESTED FOR MDR-TB	NUMBER OF CONFIRMED CASES OF MDR-TB	
Guinea	2005	20	6 632	215	3	5	458	34	7	15
	2006	25	8 500	104	1	2	576	33	6	17
	2007	36	9 074	9	0	1	652	34	5	36
	2008	72	9 674	0	0	0	671	0	0	0
	2009	69	8 009	6	0	6	589	63	11	63
Guinea-Bissau	2005	0	1 678	0	0	0	138	–	–	–
	2006	0	2 004	0	0	0	157	0	0	0
	2007	–	–	–	–	–	–	–	–	–
	2008	0	2 348	0	0	0	82	0	0	0
	2009	–	2 112	–	–	–	76	–	–	–
Kenya	2005	44	99 426	0	0	0	8 975	1 829	20	44
	2006	89	104 935	0	0	0	10 299	1 049	10	89
	2007	82	106 261	0	0	0	10 462	4 403	42	82
	2008	102	99 807	0	0	0	10 444	5 043	48	102
	2009	150	99 354	0	0	0	10 711	1 971	18	130
Lesotho	2005	–	10 363	–	–	–	1 041	–	–	–
	2006	0	11 435	0	0	0	1 678	0	0	0
	2007	–	2 221	–	–	–	300	–	–	–
	2008	–	11 433	–	–	–	1 786	–	–	–
	2009	–	11 545	–	–	–	1 970	–	–	–
Liberia	2005	0	3 399	0	0	0	57	0	0	0
	2006	–	4 381	–	–	–	133	–	–	–
	2007	–	–	–	–	–	–	–	–	–
	2008	0	4 891	0	0	0	132	0	0	0
	2009	–	5 841	–	–	–	123	–	–	–
Madagascar	2005	–	17 977	–	–	–	1 498	–	–	–
	2006	2	20 799	53	0	0	1 718	35	2	6
	2007	5	20 638	103	0	1	1 803	29	2	4
	2008	6	20 813	–	–	–	1 962	144	7	6
	2009	3	21 285	44	0	0	2 078	22	1	3
Malawi	2005	9	24 398	–	–	–	3 212	917	29	9
	2006	–	24 042	–	–	–	2 969	875	29	8
	2007	12	23 507	0	0	0	2 792	854	31	12
	2008	16	23 151	0	0	0	2 533	867	34	16
	2009	6	21 886	0	0	0	2 470	34	1	–
Mali	2005	2	4 497	0	0	0	380	0	0	0
	2006	0	4 768	0	0	0	456	0	0	0
	2007	11	4 959	–	–	–	423	6	1	–
	2008	7	5 797	0	0	0	411	16	4	7
	2009	22	6 410	14	0	11	425	14	3	11
Mauritania	2005	11	2 012	161	8	4	206	30	15	7
	2006	7	2 502	61	2	3	264	12	5	4
	2007	14	2 811	0	0	0	214	–	–	–
	2008	6	2 532	–	–	–	194	6	3	–
	2009	–	2 482	–	–	–	182	–	–	–
Mauritius	2005	0	122	114	93	0	5	3	60	0
	2006	2	111	85	77	0	4	4	100	2
	2007	0	102	86	84	0	6	6	100	0
	2008	1	104	85	82	0	4	4	100	1
	2009	1	111	98	88	1	5	5	100	0
Mozambique	2005	115	31 832	113	0	18	1 886	305	16	97
	2006	129	33 822	61	0	61	1 810	149	8	49
	2007	163	36 298	56	0	14	1 746	308	18	149
	2008	181	37 953	75	0	30	1 782	277	16	109
	2009	140	41 899	73	0	45	3 630	213	6	95
Namibia	2005	–	14 071	–	–	–	1 823	–	–	–
	2006	–	13 658	–	–	–	2 113	–	–	–
	2007	291	13 775	0	0	–	1 757	–	–	–
	2008	221	12 198	–	–	13	1 439	–	–	208
	2009	301	10 774	–	–	25	2 558	–	–	267
Niger	2005	–	7 470	–	–	–	754	–	–	–
	2006	–	7 997	–	–	–	758	–	–	–
	2007	0	8 798	0	0	0	794	0	0	0
	2008	52	8 776	–	–	–	617	–	–	–
	2009	24	9 421	0	0	0	690	33	5	24
Nigeria	2005	–	60 589	–	–	–	4 867	0	0	–
	2006	–	68 660	–	–	–	5 565	–	–	–
	2007	45	80 148	32	0	4	6 093	41	1	41
	2008	23	83 263	168	0	9	7 048	19	0	14
	2009	28	85 963	17	0	12	8 151	25	0	11
Rwanda	2005	35	6 849	57	1	35	831	0	0	0
	2006	–	7 725	–	–	–	558	–	–	–
	2007	102	7 305	0	0	–	478	–	–	–
	2008	79	7 227	41	1	31	397	76	19	48
	2009	78	7 005	77	1	8	475	138	29	70
Sao Tome and Principe	2005	–	125	–	–	–	27	–	–	–
	2006	0	153	0	0	0	0	0	0	0
	2007	0	88	0	0	0	5	0	0	0
	2008	–	63	0	0	–	6	–	–	–
	2009	–	76	–	–	–	3	–	–	–
Senegal	2005	–	9 200	–	–	–	920	–	–	–
	2006	–	9 658	–	–	–	1 006	–	–	–
	2007	10	9 837	170	2	7	843	30	4	3
	2008	7	10 447	168	2	3	1 144	31	3	4
	2009	11	10 620	57	1	3	1 112	31	3	8
Seychelles	2005	–	12	–	–	–	2	–	–	–
	2006	–	–	–	–	–	–	–	–	–
	2007	–	–	–	–	–	–	–	–	–
	2008	0	6	0	0	0	0	0	0	0
	2009	0	15	–	–	–	0	–	–	–
Sierra Leone	2005	–	6 600	–	–	–	330	–	–	–
	2006	–	7 911	–	–	–	297	–	–	–
	2007	0	9 250	0	0	0	373	0	0	0
	2008	–	10 632	–	–	–	389	–	–	–
	2009	–	11 359	–	–	–	467	–	–	–
South Africa	2005	2 000	241 879	–	–	197	60 588	–	–	1 803
	2006	6 716	272 296	–	–	–	68 869	–	–	–
	2007	7 350	286 973	–	–	–	66 646	–	–	–
	2008	6 219	320 026	–	–	–	64 470	–	–	–
	2009	7 343	347 061	–	–	–	36 609	–	–	–

^a TOTAL CONFIRMED CASES OF MDR-TB includes cases with unknown previous treatment history (i.e. not included under NEW CASES or PREVIOUSLY TREATED CASES).

TABLE A2.7 Testing for MDR-TB and number of confirmed cases of MDR-TB, 2005–2009

YEAR	TOTAL CONFIRMED CASES OF MDR-TB ^a	NEW CASES			PREVIOUSLY TREATED CASES				
		NOTIFIED	NUMBER OF NOTIFIED TESTED FOR MDR-TB	% OF NOTIFIED TESTED FOR MDR-TB	NUMBER OF CONFIRMED CASES OF MDR-TB	NOTIFIED	NUMBER OF NOTIFIED TESTED FOR MDR-TB	% OF NOTIFIED TESTED FOR MDR-TB	NUMBER OF CONFIRMED CASES OF MDR-TB
Swaziland	2005		7 751		–	470		–	
	2006		7 965		–	490		–	
	2007	110	8 553	0	0	1 083	320	30	110
	2008	170	8 246	298	4	1 319	980	74	105
	2009		9 558		–	1 474		–	
Togo	2005	0	2 452	0	0	179	0	0	0
	2006		2 729		–	195		–	
	2007	1	2 363	16	1	130	21	16	1
	2008	2	2 873	0	0	196	39	20	2
	2009	4	2 879	0	0	214	4	2	4
Uganda	2005	46	39 379		–	2 430		–	
	2006		39 331		–	2 248		–	
	2007		39 476		–	2 136		–	
	2008	26	40 666	476	1	3 177	407	13	21
	2009	57	40 321	369	1	4 014	228	6	41
United Republic of Tanzania	2005	10	59 168	276	0	5 032	405	8	9
	2006	13	57 465	369	1	4 635	171	4	9
	2007	169	57 567		–	4 525		–	25
	2008	24	58 890	450	1	4 474	191	4	17
	2009	24	70 156	348	0	4 209	177	4	15
Zambia	2005		47 771		–	5 496		–	
	2006	50	45 925		–	5 254		–	
	2007	27	44 582	0	0	5 833	500	9	27
	2008	56	42 135	0	0	5 236	566	11	56
	2009	29	43 066	63	0	2 485	30	1	16
Zimbabwe	2005		48 950		–	5 941		–	
	2006	0	43 052	0	0	4 722	0	0	0
	2007	0	38 928	0	0	2 486	0	0	0
	2008	0	35 717	0	0	3 631	0	0	0
	2009		41 467		–	4 503		–	

^a TOTAL CONFIRMED CASES OF MDR-TB includes cases with unknown previous treatment history (i.e. not included under NEW CASES or PREVIOUSLY TREATED CASES).

TABLE A2.8 New smear-positive case notification by age and sex, 1995–2009

YEAR	MALE								FEMALE								MALE/FEMALE RATIO
	0–14	15–24	25–34	35–44	45–54	55–64	65+	UN-KNOWN	0–14	15–24	25–34	35–44	45–54	55–64	65+	UN-KNOWN	
Algeria	1995																–
	2000	59	927	1 516	610	491	234	299		36	1 005	1 293	746	314	208	312	1.1
	2005	53	1 309	1 841	919	473	314	426		102	1 044	820	389	270	229	465	1.6
	2009	43	1 225	1 827	898	541	319	364		90	1 021	860	363	270	241	340	1.6
Angola	1995	386	724	562	346	224	155	14		371	707	443	264	248	130	18	1.1
	2000	186	999	1 003	912	482	312	194		247	1 142	1 091	844	417	200	120	1.0
	2005	520	2 549	2 797	1 918	1 255	665	461		704	2 926	2 682	1 797	1 138	581	417	1.0
	2009	392	3 054	3 600	2 420	1 590	748	463		568	3 152	2 798	1 790	1 069	572	272	1.2
Benin	1995	14	186	352	306	176	101	92		26	148	197	118	69	32	22	2.0
	2000	19	277	428	327	213	103	74		36	239	275	149	76	45	25	1.7
	2005	21	306	595	396	270	135	87		25	249	331	145	89	51	39	1.9
	2009	32	284	575	452	323	157	99	0	39	265	392	178	85	42	37	1.9
Botswana	1995																–
	2000	25	185	605	488	267	135	96		37	335	469	262	98	57	36	1.4
	2005	27	260	563	506	272	135	97		45	321	491	253	97	55	48	1.4
	2009	37	259	551	471	276	137	104	0	64	336	476	260	134	54	45	1.3
Burkina Faso	1995	4	67	133	124	62	48	29		7	76	53	39	26	11	10	2.1
	2000	12	91	274	252	133	68	65		7	59	128	101	45	38	14	2.3
	2005	18	181	430	370	273	144	113		15	125	248	174	109	54	40	2.0
	2009	27	221	592	467	336	230	189	0	38	156	269	209	154	96	77	2.1
Burundi	1995	5	128	238	224	73	32	19		19	109	124	89	33	12	4	1.8
	2000																–
	2005	34	352	591	525	372	111	55		46	298	399	288	122	36	33	1.7
	2009	34	452	717	584	468	240	117		50	326	397	309	157	83	40	1.9
Cameroon	1995	20	208	569	323	287	204	164		9	185	313	223	153	106	93	1.6
	2000	41	518	842	584	284	130	75		63	368	530	293	139	60	33	1.7
	2005	134	1 472	2 482	1 766	1 035	463	289		226	1 467	1 788	1 028	503	205	143	1.4
	2009	106	1 605	2 765	1 981	1 210	553	343		153	1 480	1 959	1 097	519	237	151	0.5
Cape Verde	1995																–
	2000																–
	2005	0	22	23	26	9	2	8		2	9	16	4	5	3	6	2.0
	2009	1	27	40	31	19	3	6		4	13	10	8	4	1	5	2.8
Central African Republic	1995	38	162	356	206	120	40	18		39	233	350	145	57	21	9	1.1
	2000																–
	2005	29	40	1 136	160	26	35	15		30	32	420	145	30	40	15	2.0
	2009	124	546	850	662	351	184	94		137	611	723	426	228	128	68	1.2
Chad	1995																–
	2000																–
	2005	25	194	535	409	229	123	82		28	148	298	211	148	59	27	1.7
	2009	48	355	808	642	336	196	126	0	47	256	339	319	196	90	60	1.9
Comoros	1995	0	18	13	9	7	8	4		1	13	9	8	6	5	2	1.3
	2000	0	18	7	14	9	3	4		1	9	6	12	1	2	1	1.7
	2005	0	12	9	6	4	2	4		2	10	7	4	8	3	8	0.9
	2009	1	9	12	12	11	6	3	0	1	8	4	4	2	2	1	2.5
Congo	1995	16	265	409	221	73	44	15		17	296	353	167	61	38	11	1.1
	2000																–
	2005																–
	2009	50	474	644	376	220	87	56		65	426	493	292	127	76	47	1.2
Côte d'Ivoire	1995	41	989	2 092	1 344	759	283	130		99	810	813	497	273	105	19	2.2
	2000																–
	2005	128	1 346	2 449	1 606	888	422	385		193	1 280	1 756	989	528	232	201	1.4
	2009	199	1 758	2 886	1 762	1 048	527	354	0	237	1 473	1 913	1 073	559	301	210	1.5
Democratic Republic of the Congo	1995	373	1 572	2 382	1 890	1 184	634	289		331	1 223	1 532	1 232	863	427	137	1.4
	2000	485	4 048	5 833	4 151	2 549	1 295	602		718	4 422	5 146	3 309	1 724	855	351	1.1
	2005	1 321	6 675	9 808	7 577	5 022	2 637	1 499		1 695	7 570	8 501	5 832	3 898	2 054	951	1.1
	2009	1 453	6 587	9 964	8 475	6 155	3 393	1 821		1 773	7 091	8 753	6 477	4 556	2 655	1 336	1.2
Equatorial Guinea	1995	8	15	45	37	15	11	7		2	18	28	20	4	7	1	1.7
	2000																–
	2005																–
	2009	10	53	79	64	52	20	4	0	2	57	66	54	19	4	6	1.4
Eritrea	1995																–
	2000	9	70	75	57	32	25	20		10	100	87	71	21	12	8	0.9
	2005	9	68	73	50	45	51	39		8	67	127	72	39	21	18	1.0
	2009	6	104	111	79	46	57	44	0	4	85	88	88	39	27	24	1.3
Ethiopia	1995	247	1 221	1 017	541	276	142	51		283	908	781	382	152	64	15	1.4
	2000	915	5 095	5 187	3 082	1 495	610	397		1 037	4 699	4 424	2 105	976	366	122	1.2
	2005	1 109	6 726	6 181	3 454	1 985	1 027	475		1 326	5 885	5 663	2 730	1 296	513	155	1.2
	2009	1 421	7 215	7 193	4 267	2 452	1 331	794		1 593	5 556	6 075	3 499	1 798	824	378	1.3
Gabon	1995	3	45	74	80	54	30	15		9	47	54	28	25	19	3	1.6
	2000																–
	2005	13	123	199	140	70	38	25		19	128	123	88	29	29	18	1.4
	2009	45	145	163	158	138	42	29	0	14	103	118	121	105	33	29	1.4
Gambia	1995	3	68	181	88	72	29	24		4	39	61	44	25	12	8	2.4
	2000																–
	2005	13	133	292	206	62	53	44		2	84	87	64	38	22	27	2.5
	2009	12	159	240	185	124	74	49	0	20	91	143	84	70	37	28	1.8
Ghana	1995	42	223	397	398	302	190	112		40	199	272	205	122	88	48	1.7
	2000	73	550	1 266	1 115	811	495	426		74	456	791	566	338	179	176	1.8
	2005	49	592	1 201	1 311	944	462	414		68	450	693	527	366	207	221	2.0
	2009	66	674	1 285	1 423	1 064	505	539		58	491	701	605	362	197	285	2.1
Guinea	1995	18	244	538	357	189	98	61		28	202	255	153	64	37	19	2.0
	2000	39	551	860	570	282	203	103		66	314	446	245	114	82	45	2.0
	2005	51	749	1 165	778	463	195	130		65	594	583	354	203	94	55	1.8
	2009	65	746	1 064	655	376	208	150		68	549	644	429	225	132	66	1.5
Guinea-Bissau	1995																–
	2000	2	52	92	80	64	39	19		4	30	46	47	24	15	12	2.0
	2005	14	116	167	153	130	72	42		13	78	110	92	82	44	19	1.6
	2009	8	124	230	172	138	82	38	0	5	88	149	119	92	47	18	1.5
Kenya	1995	154	2 072	3 073	1 675	920	485	296		187	1 802	1 759	741	411	242	117	1.6
	2000	264	3 739	6 653	3 548	1 630	630	414		416	3 916	4 363	1 874	831	347	148	1.4
	2005	359	4 790	8 832	5 069	2 521	1 031	590		577	5 144	6 521	2 781	1 266	593	315	1.3
	2009	470	4 667	8 081	5 067	2 565	1 030	659	0	662	4 306	5 387	2 512	1 104	540	352	1.5
Lesoth																	

TABLE A2.8 New smear-positive case notification by age and sex, 1995–2009

YEAR	MALE								FEMALE								MALE/FEMALE RATIO	
	0–14	15–24	25–34	35–44	45–54	55–64	65+	UN-KNOWN	0–14	15–24	25–34	35–44	45–54	55–64	65+	UN-KNOWN		
Malawi	1995	25	493	1 195	833	519	215	89		65	802	1 028	573	294	108	45		1.2
	2000	50	653	1 476	1 113	585	245	114		66	1 038	1 481	831	401	148	64		1.1
	2005	58	622	1 653	1 031	549	279	157		84	913	1 598	859	386	180	74		1.1
	2009	53	565	1 645	1 066	503	278	199	0	75	691	1 246	706	318	174	104	0	1.3
Mali	1995	27	72	357	294	181	138	102		31	132	184	128	107	61	52		1.7
	2000	23	206	430	396	297	235	144		14	174	232	152	106	75	43		2.2
	2005	26	350	628	539	365	263	193		33	208	348	245	152	101	72		2.0
	2009	37	489	978	758	510	379	275	0	44	365	494	384	211	135	104	0	2.0
Mauritania	1995																	–
	2000																	–
	2005																	–
	2009	25	217	328	198	150	116	85		24	111	127	76	49	27	22		2.6
Mauritius	1995	2	17	13	22	27	13	8		2	4	12	10	8	4	4		2.3
	2000	2	6	9	18	19	14	8		1	5	8	8	6	7	4		1.9
	2005		10	15	21	20	10	6		4	5	5	11	2	1			2.9
	2009	0	5	7	10	19	10	9	0	0	6	10	7	5	6	4	0	1.6
Mozambique	1995	187	1 136	1 475	1 338	1 022	664	320		226	994	1 314	1 016	551	234	89		1.4
	2000																	–
	2005																	–
	2009																	–
Namibia	1995	0	68	235	113	55	21	6		5	49	78	50	16	1	0		2.5
	2000	18	269	874	665	300	147	81		16	352	654	348	161	76	52		1.4
	2005	98	355	1 027	874	365	146	120		105	399	809	525	213	95	91		1.3
	2009	41	357	936	689	348	166	121		84	384	678	407	214	97	86		1.4
Niger	1995																	–
	2000	29	270	174	441	252	151	78		31	123	206	168	151	63	9		1.9
	2005	35	557	1 204	819	497	350	198		34	214	388	330	223	131	70		2.6
	2009	52	602	1 552	1 019	654	478	328		36	248	464	339	239	209	127		2.8
Nigeria	1995	450	845	921	937	557	611	515		404	842	795	770	724	654	451		1.0
	2000	157	2 173	3 164	1 836	1 091	566	463		239	2 934	2 434	1 110	676	344	231		1.2
	2005	325	3 824	6 758	4 544	2 863	1 464	950		482	3 996	4 884	2 448	1 350	745	415		1.4
	2009	711	4 342	8 649	5 975	3 766	2 057	1 269	0	804	4 199	6 100	3 473	1 872	1 023	623	0	1.5
Rwanda	1995																	–
	2000	155	466	974	824	393	129	56		105	396	473	309	109	52	14		2.1
	2005	45	494	713	592	408	142	71		73	483	442	262	157	60	29		1.6
	2009	25	519	829	650	390	196	114	0	46	388	464	266	184	70	43	0	1.9
Sao Tome and Principe	1995																	–
	2000	1	5	11	4	7	3	10		3	7	15	5	7	4	15		0.7
	2005	2	5	7	6	4	5	2		1	4	5	3	2	3	0		1.7
	2009	0	2	10	8	4	6	0	0	1	4	10	4	2	1	0	0	1.4
Senegal	1995	94	717	1 219	813	408	300	213		84	428	461	283	203	126	72		2.3
	2000	60	772	1 297	857	470	279	189		77	521	540	376	217	107	61		2.1
	2005	71	1 050	1 561	904	533	274	236		83	709	568	351	185	116	81		2.2
	2009	66	1 362	1 790	1 035	638	335	250	0	108	815	660	352	231	127	114	0	2.3
Seychelles	1995	0	2	0	1	1	2	1		0	0	1	0	0	0	1		3.5
	2000			2	4	1	1	1			1	0	1	1	1			2.7
	2005	0	2	1	2	1	0	0		0	0	1	1	0	0	0		3.0
	2009	0	0	4	1	1	1	2	0	0	0	1	0	1	0	0	0	4.5
Sierra Leone	1995	10	184	305	201	99	47	22		18	165	193	110	65	24	11		1.5
	2000	18	287	486	361	190	113	47		27	249	298	225	92	49	30		1.5
	2005	45	490	792	651	397	226	124		54	393	518	312	207	114	47		1.7
	2009	44	737	1 073	905	621	280	195		66	524	645	506	260	146	90		1.7
South Africa	1995																	–
	2000	116	723	1 999	2 135	1 146	435	212		122	1 283	1 716	933	423	167	80		1.4
	2005	2 035	10 422	20 576	19 465	11 143	4 124	1 705		2 561	13 632	19 343	11 338	5 416	2 352	1 348		1.2
	2009	1 685	8 609	22 620	21 164	12 949	5 256	2 207		2 358	14 361	21 944	13 777	7 114	3 320	2 106		1.1
Swaziland	1995	4	59	117	130	98	40	16		5	52	57	39	29	8	6		2.4
	2000	11	130	352	249	138	37	17		10	198	298	62	62	24	5		1.4
	2005	9	162	406	285	139	57	27		14	318	453	207	73	21	8		1.0
	2009	26	221	637	417	208	109	45	0	54	459	759	353	121	57	32	0	0.9
Togo	1995	7	95	151	123	82	64	49		9	80	96	45	38	23	15		1.9
	2000	4	101	168	144	109	48	39		13	107	124	50	36	24	15		1.7
	2005	11	177	320	283	125	79	69		23	157	236	146	67	41	32		1.5
	2009	15	168	378	331	233	130	89		27	197	288	166	86	42	46		1.6
Uganda	1995	370	1 193	2 491	1 797	1 115	602	323		402	1 376	1 845	1 104	635	312	113		1.4
	2000	283	1 511	3 497	2 479	1 279	607	395		400	1 649	2 782	1 510	671	316	163		1.3
	2005	257	1 598	4 075	3 209	1 576	725	539		371	1 811	3 099	1 800	818	389	257		1.4
	2009	250	1 853	4 816	4 115	2 089	901	578		372	2 151	2 919	1 673	811	369	216		1.7
United Republic of Tanzania	1995	183	2 108	4 091	2 916	1 754	1 007	640		201	1 904	2 532	1 324	735	380	179		1.8
	2000	200	2 357	4 836	3 430	2 022	1 202	834		257	2 106	3 426	1 738	868	494	269		1.6
	2005	190	2 062	4 939	4 025	2 310	1 279	1 054		271	1 852	3 521	1 892	968	547	354		1.7
	2009	196	2 086	4 594	4 135	2 397	1 299	1 124	0	247	1 642	3 108	2 086	1 064	566	416	0	1.7
Zambia	1995	91	659	1 668	1 124	487	231	130		129	1 125	1 779	717	257	117	63		1.0
	2000	349	2 175	2 610	3 045	435	261	174		150	932	1 118	1 305	186	112	75		2.3
	2005	135	1 240	3 166	2 160	917	358	321		168	1 507	2 463	1 433	569	235	185		1.3
	2009	92	1 057	3 181	2 169	792	270	237		145	1 051	1 935	1 151	468	192	126		1.5
Zimbabwe	1995																	–
	2000																	–
	2005	210	837	2 264	1 855	762	295	656		269	1 136	2 242	1 255	578	193	603		1.1
	2009	124	576	0	3 439	675	291	190		179	869	0	3 007	411	226	126		1.1

^a Data presented as of 31 August 2010. Notification data for countries that are members of the European Union were not available.

TABLE A2.9 Laboratories, NTP services, drug management, human resources and infection control, 2009

	LABORATORIES				FREE THROUGH NTP			DRUG MANAGEMENT				% OF STAFF TRAINED BY THE NTP (IN 2009) ^b				TB NOTIFICATION RATE PER 100 000 HEALTH-CARE WORKERS
	SMART LARS PER 100K POPULATION	CULTURE LARS PER 10K POPULATION	DST LARS PER 10M POPULATION	SECOND-LINE AVAILABLE	NRL ^a	TB DIAGNOSIS	FIRST-LINE DRUGS	RIEAMPICIN USED THROUGHOUT TREATMENT	% OF PATIENTS TREATED WITH FDC ^c	PAEDIATRIC FORMULATIONS PROCURED	MEDICAL OFFICERS	NURSES	HEALTH ASSISTANTS	LABORATORY TECHNICIANS		
Algeria	0.7	3.7	0.9	In country	Yes	Yes, all suspects	Yes	Yes	98	Yes	50	10	10	30		
Angola	0.8	0.3	0.5	No	Yes	Yes, all suspects	Yes	No	98	No	0	40	0	6	0	
Benin	0.6	0.6	1.1	In country	Yes	If TB is confirmed	Yes	Yes	100	Yes						
Botswana	2.3	2.6	5.1	Out of country	Yes	If TB is confirmed	Yes	Yes	100	Yes						
Burkina Faso	0.7	0	0	Out of country	Yes	Yes, all suspects	Yes	Yes	100	Yes	11	100	100	84	0	
Burundi	2.0	0.6	0	No	Yes	Yes, all suspects	Yes	Yes	100	Yes						
Cameroon																
Cape Verde	3.2	0	0	Out of country	Yes	Yes, all suspects	Yes	Yes	100	Yes	0	0	0	0	0	
Central African Republic	1.6	1.1	2.3	No	Yes	Yes, all suspects	Yes	No	100	No	10	30	17	45		
Chad	0.5	0	0	No	Yes	Yes, all suspects	Yes	Yes	100	No	47	0	0	95		
Comoros																
Cote d'Ivoire	0.7	0.2	0.5	Out of country	Yes	Yes, all suspects	Yes	Yes	100	Yes	3	2		5		
Democratic Republic of the Congo	2.2	<0.1	0.2	No	Yes	If TB is confirmed	Yes	Yes	100	Yes	20					
Equatorial Guinea	4.3	1.0	0	No	No	Yes, all suspects	Yes	Yes	100	No						
Eritrea	1.5	0	2.0	No	Yes	If TB is confirmed	Yes	No	100	Yes						
Ethiopia	1.4	0.1	0.2	Out of country	Yes	If TB is confirmed	Yes	No	100	Yes						
Gabon	0.9	3.4	6.8	Out of country	No	No	Yes	Yes	100	No	3	25		5	23	
Gambia	1.9	2.9	5.9	No	Yes	Yes, all suspects	Yes	Yes	100	Yes						
Ghana	1.0	0.6	0.8	No	Yes	Yes, all suspects	Yes	Yes	100	No	35	60	70	65		
Guinea	0.5	0.5	1.0	In country	Yes	If TB is confirmed	Yes	Yes	100	Yes						
Guinea-Bissau	3.3			No	Yes	Yes, all suspects	Yes	Yes	100	Yes						
Kenya	3.0	0.8	1.0	Out of country	Yes	Yes, all suspects	Yes	Yes	100	Yes						
Lesotho	0.9	2.4	4.8	Out of country	No	If TB is confirmed	Yes	Yes	100	Yes						
Liberia	3.7	0	0	In country	No	Yes, all suspects	Yes	Yes	90	Yes						
Madagascar	1.3	0.3	0.5	In country	Yes	Yes, all suspects	Yes	Yes	100	Yes						
Malawi	1.3	0.7	0.7	Out of country	Yes	Yes, all suspects	Yes	Yes	100	Yes						
Mali	0.6	0.8	1.5	Out of country	Yes	Yes, all suspects	Yes	Yes	100	Yes	10	25	5	15	0	
Mauritania	2.2	1.5	3.0	No	Yes	Yes, all suspects	Yes	Yes	100	Yes						
Mauritius																
Mozambique	1.9	0.2	0.4	Out of country	Yes	Yes, all suspects	Yes	Yes	95	Yes	22	1	0	18		
Namibia	1.4	2.3	4.6	Out of country	Yes	If TB is confirmed	Yes	Yes	98	Yes	83	89	65	90	41	
Niger	0.3	0	0	Out of country	No	Yes, all suspects	Yes	Yes	100	Yes						
Nigeria	0.7	0.1	0.2	Out of country	Yes	Yes, all suspects	No	Yes	100	Yes	100	100		100		
Rwanda	1.9	0.5	1.0	No	Yes	Yes, all suspects	Yes	Yes	100	Yes						
Sao Tome and Principe	1.2	0	0	No	Yes	Yes, all suspects	Yes	Yes	0	No	0	0	0	0	100	
Senegal	0.7	1.2	2.4	In country	Yes	If TB is confirmed	Yes	Yes	100	Yes	5	4	0	16	0	
Seychelles				In and out of city	No	Yes, all suspects	Yes	Yes	100	No						
Sierra Leone	2.0			In and out of city	Yes	If TB is confirmed	No	Yes	100	Yes						
South Africa	0.5	1.6	3.2	In and out of city	Yes	Yes, all suspects	Yes	Yes	100	Yes						
Swaziland																
Togo	1.7	0.8	1.5	No	Yes	For certain income groups	Yes	Yes	100	Yes	0	0	0	0	0	
Uganda	2.5	0.9	1.2	In country	Yes	If TB is confirmed	Yes	Yes	100	Yes						
United Republic of Tanzania	1.6	0.1	0.2	Out of country	Yes	Yes, all suspects	Yes	Yes	100	Yes	2	1	48	39		
Zambia	1.7	0.8	2.3	No	Yes	Yes, all suspects	Yes	Yes	100	Yes						
Zimbabwe	1.0	0.4	0.8	No	Yes	Yes, all suspects	Yes	Yes	100	Yes	65	78	80	90		

a NRL = national reference laboratory

b FDC = fixed-dose combination

c NURSES (Registered Nurses, Enrolled Nurses, Enrolled Midwives), HEALTH ASSISTANTS (Medical Assistants, Clinical Officers), LABORATORY TECHNICIANS (Microscopists)

Region of the Americas



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Estimates of mortality, prevalence and incidence

Estimated values are shown as best estimates followed by lower and upper bounds. The lower and upper bounds are defined as the 2.5th and 97.5th centiles of outcome distributions produced in simulations. See ANNEX 1 for further details.

Estimated numbers are shown rounded to two significant figures. Estimated rates are shown rounded to three significant figures unless the value is under 100, in which case rates are shown rounded to two significant figures.

Estimates for all years are recalculated as new information becomes available and techniques are refined, so they may differ from those published in previous reports in this series. Estimates published in previous global TB control reports should no longer be used.

Graphs

Graphs where displayed show data from all years within the range stated.

Data source

Data shown in this annex are taken from the WHO global TB database on 31 August 2010. Data shown in the main part of the report were taken from the database on 17 June 2010. As a result, data in this annex may differ slightly from those in the main part of the report.

Data can be downloaded from www.who.int/tb/data.

Country notes

Caribbean Islands

Data from the territories of Anguilla, Bermuda, British Virgin Islands, Cayman Islands, Montserrat, Netherlands Antilles, Turks & Caicos Islands and US Virgin Islands are no longer included in the tables. Data collected in previous years from these territories can still be downloaded from www.who.int/tb/data.

USA

In addition to the 51 reporting areas, the USA includes territories that report separately to WHO. The data for these territories are not included in the data reported by the USA.

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

TABLE A2.1 Estimates of the burden of disease caused by TB, 1990–2009

YEAR	POPULATION (MILLIONS)	MORTALITY (EXCLUDING HIV)		PREVALENCE (INCLUDING HIV)		INCIDENCE (INCLUDING HIV)		
		NUMBER (THOUSANDS)	RATE ^a	NUMBER (THOUSANDS)	RATE	NUMBER (THOUSANDS)	RATE	
Antigua and Barbuda	1990	<1	<0.01 (<0.01–<0.01)	3.8 (2.9–4.9)	<0.01 (<0.01–<0.01)	3.9 (1.8–6.5)	<0.01 (<0.01–<0.01)	2 (1.6–2.4)
	1995	<1	<0.01 (<0.01–<0.01)	2.4 (2.3–2.5)	<0.01 (<0.01–<0.01)	2.8 (<1–4.9)	<0.01 (<0.01–<0.01)	<1 (<1–<1)
	2000	<1	<0.01 (<0.01–<0.01)	9.5 (7.7–12)	<0.01 (<0.01–0.012)	10 (4.6–16)	<0.01 (<0.01–<0.01)	6 (5.2–6.7)
	2005	<1	<0.01 (<0.01–0.013)	6.3 (1.9–15)	<0.01 (<0.01–0.016)	8 (2.4–19)	<0.01 (<0.01–<0.01)	8.3 (7.2–9.3)
	2006	<1	<0.01 (<0.01–<0.01)	1.6 (1.4–1.8)	<0.01 (<0.01–<0.01)	3.5 (<1–9.3)	<0.01 (<0.01–<0.01)	5.4 (4.7–6.1)
Argentina	1990	32	1.6 (0.59–3.3)	5 (1.8–10)	31 (11–61)	94 (33–189)	19 (12–28)	60 (38–87)
	1995	35	0.96 (0.48–1.7)	2.7 (1.4–4.9)	23 (8.4–40)	67 (24–116)	17 (14–20)	49 (39–59)
	2000	37	0.83 (0.74–0.91)	2.2 (2–2.5)	20 (7.4–35)	55 (20–96)	15 (12–18)	40 (32–49)
	2005	39	0.71 (0.64–0.78)	1.8 (1.6–2)	18 (6.7–30)	46 (17–78)	13 (10–15)	33 (27–40)
	2006	39	0.69 (0.62–0.76)	1.8 (1.6–1.9)	17 (6.5–30)	44 (17–76)	13 (10–15)	32 (26–38)
Bahamas	1990	<1	<0.01 (<0.01–<0.01)	2.3 (1.5–3.7)	0.059 (0.021–0.11)	23 (8.1–42)	0.058 (0.046–0.069)	22 (18–27)
	1995	<1	<0.01 (<0.01–<0.01)	1.9 (1.5–2.3)	0.059 (0.018–0.1)	21 (6.3–37)	0.066 (0.057–0.074)	23 (20–26)
	2000	<1	<0.01 (<0.01–<0.01)	2.4 (2.1–2.7)	0.1 (0.04–0.17)	33 (13–57)	0.094 (0.082–0.11)	31 (27–35)
	2005	<1	<0.01 (<0.01–<0.01)	1.5 (1.3–1.7)	0.041 (<0.01–0.076)	12 (2.8–23)	<0.01 (<0.01–<0.01)	<1 (<1–<1)
	2006	<1	<0.01 (<0.01–<0.01)	1.3 (1–1.5)	0.039 (<0.01–0.073)	12 (2.6–22)	<0.01 (<0.01–<0.01)	<1 (<1–<1)
Barbados	1990	<1	<0.01 (<0.01–<0.01)	<1 (<1–<1)	<0.01 (<0.01–0.015)	3.3 (1.1–5.8)	<0.01 (<0.01–<0.01)	2.4 (1.9–2.9)
	1995	<1	<0.01 (<0.01–<0.01)	<1 (<1–<1)	<0.01 (<0.01–<0.01)	1.4 (<1–2.5)	<0.01 (<0.01–<0.01)	1.3 (1.2–1.5)
	2000	<1	<0.01 (<0.01–<0.01)	<1 (<1–<1)	<0.01 (<0.01–<0.01)	1.4 (<1–2.4)	<0.01 (<0.01–<0.01)	1.4 (1.2–1.5)
	2005	<1	<0.01 (<0.01–<0.01)	<1 (<1–<1)	<0.01 (<0.01–0.015)	3.1 (<1–5.8)	<0.01 (<0.01–<0.01)	<1 (<1–<1)
	2006	<1	<0.01 (<0.01–<0.01)	<1 (<1–<1)	<0.01 (<0.01–0.019)	3.4 (<1–7.4)	<0.01 (<0.01–<0.01)	2.3 (2–2.6)
Belize	1990	<1	0.012 (<0.01–0.036)	6.4 (3.1–19)	0.087 (0.021–0.17)	46 (11–88)	0.076 (0.057–0.11)	40 (30–58)
	1995	<1	0.012 (<0.01–0.028)	5.7 (3–12)	0.096 (0.027–0.17)	44 (12–76)	0.088 (0.07–0.11)	40 (32–48)
	2000	<1	0.011 (<0.01–0.012)	4.2 (3.7–4.7)	0.12 (0.032–0.2)	46 (13–80)	0.1 (0.08–0.12)	40 (32–48)
	2005	<1	<0.01 (<0.01–<0.01)	2.5 (2.2–2.8)	0.13 (0.051–0.22)	46 (18–78)	0.11 (0.1–0.14)	40 (36–48)
	2006	<1	0.039 (0.02–0.067)	13 (6.8–23)	0.16 (0.063–0.27)	54 (22–94)	0.12 (0.092–0.14)	40 (32–48)
Bolivia (Plurinational State of)	1990	7	2.5 (0.9–5.3)	38 (14–79)	26 (9–52)	392 (135–778)	17 (11–24)	251 (167–364)
	1995	7	2.2 (1.4–3.1)	29 (19–42)	24 (10–39)	320 (134–526)	16 (14–19)	215 (193–258)
	2000	8	2.2 (1.3–3.4)	27 (16–41)	24 (9.9–40)	283 (119–475)	15 (12–18)	184 (148–221)
	2005	9	2.2 (1.3–3.3)	23 (14–36)	22 (9.5–38)	243 (104–410)	15 (12–17)	158 (126–190)
	2006	9	2.2 (1.4–3.3)	24 (15–36)	23 (9.7–38)	241 (104–402)	14 (11–17)	153 (123–184)
Brazil	1990	150	14 (4.6–29)	9.1 (3.1–20)	200 (68–420)	135 (45–278)	130 (75–180)	84 (50–121)
	1995	162	9.8 (5.2–16)	6.1 (3.2–10)	170 (64–290)	104 (40–180)	110 (92–140)	71 (57–85)
	2000	174	7.6 (6.6–8.7)	4.4 (3.8–5)	150 (60–270)	89 (35–154)	110 (84–130)	60 (48–72)
	2005	186	6.3 (5.4–7.1)	3.4 (2.9–3.8)	120 (40–200)	62 (21–107)	95 (80–110)	51 (43–62)
	2006	188	5.4 (2.6–10)	2.9 (1.4–5.3)	120 (42–200)	62 (22–107)	93 (78–110)	50 (41–60)
Canada	1990	28	0.13 (0.095–0.12)	<1 (<1–<1)	3.2 (1.1–5.6)	11 (4.1–20)	2.5 (2–3)	8.9 (7.1–11)
	1995	29	0.11 (0.086–0.15)	<1 (<1–<1)	2.6 (0.9–4.5)	9 (3.1–15)	2.2 (1.9–2.5)	7.5 (6.6–8.5)
	2000	31	0.082 (0.073–0.09)	<1 (<1–<1)	2.3 (0.76–3.8)	7.3 (2.5–12)	1.9 (1.7–2.2)	6.2 (5.4–7.1)
	2005	32	0.084 (0.064–0.12)	<1 (<1–<1)	2 (0.71–3.4)	6.2 (2.2–11)	1.7 (1.5–1.9)	5.3 (4.6–6)
	2006	33	0.078 (0.061–0.11)	<1 (<1–<1)	1.9 (0.65–3.3)	5.9 (2–10)	1.6 (1.4–1.9)	5.1 (4.4–5.7)
Chile	1990	13	0.61 (0.4–0.81)	4.6 (3–6.2)	6.3 (1.4–11)	48 (11–85)	5 (2.7–7.2)	38 (21–55)
	1995	14	0.43 (0.28–0.58)	3 (2–4)	4.5 (1–8)	31 (7.2–56)	3.9 (3.1–4.7)	27 (22–32)
	2000	15	0.3 (0.27–0.33)	1.9 (1.7–2.1)	3.4 (0.8–6)	22 (5.2–39)	3 (2.4–3.6)	19 (16–23)
	2005	16	0.25 (0.22–0.28)	1.5 (1.4–1.7)	2.7 (0.66–4.8)	17 (4–30)	2.3 (1.8–2.7)	14 (11–17)
	2006	16	0.25 (0.16–0.33)	1.5 (<1–2)	2.7 (0.63–4.7)	16 (3.8–28)	2.2 (1.7–2.6)	13 (10–16)
Colombia	1990	33	1.6 (0.58–3.3)	4.7 (1.7–9.8)	27 (9.2–54)	81 (28–161)	18 (12–26)	54 (37–78)
	1995	36	2 (1.3–2.8)	5.4 (3.6–7.7)	29 (13–49)	79 (36–132)	18 (14–21)	48 (38–58)
	2000	40	1.5 (1.3–1.7)	3.7 (3.2–4.2)	25 (11–42)	63 (27–106)	17 (14–21)	43 (34–52)
	2005	43	1.3 (1.1–1.5)	3 (2.6–3.4)	25 (11–43)	59 (25–100)	17 (13–20)	38 (31–46)
	2006	44	1.3 (1.1–1.5)	3 (2.6–3.3)	25 (11–42)	58 (25–97)	16 (13–20)	38 (30–45)
Costa Rica	1990	3	0.44 (0.21–0.77)	14 (6.7–25)	1.1 (0.43–2.1)	35 (14–68)	0.56 (0.31–0.81)	18 (10–26)
	1995	3	0.1 (0.052–0.21)	2.9 (1.5–6.2)	0.62 (0.17–1.1)	18 (4.9–32)	0.54 (0.44–0.65)	16 (13–19)
	2000	4	0.072 (0.064–0.08)	1.8 (1.6–2)	0.73 (0.18–1.3)	19 (4.7–33)	0.53 (0.42–0.64)	14 (11–16)
	2005	4	0.066 (0.058–0.073)	1.5 (1.3–1.7)	0.61 (0.16–1.1)	14 (3.6–24)	0.5 (0.4–0.61)	12 (9.3–14)
	2006	4	0.059 (0.052–0.066)	1.3 (1.2–1.5)	0.55 (0.14–0.97)	13 (3.2–22)	0.5 (0.49–0.6)	11 (11–14)
Cuba	1990	11	0.057 (0.037–0.077)	1.2 (<1–1.7)	0.5 (0.13–0.87)	11 (2.8–19)	0.48 (0.39–0.57)	10 (8.4–12)
	1995	11	0.093 (0.046–0.17)	<1 (<1–<1)	2.4 (0.79–4.3)	22 (7.3–39)	1.8 (1.6–2.2)	17 (14–20)
	2000	11	0.078 (0.07–0.086)	<1 (<1–<1)	1.6 (0.55–2.7)	15 (4.9–25)	1.3 (1.2–1.5)	11 (11–14)
	2005	11	0.035 (0.032–0.039)	<1 (<1–<1)	1 (0.3–1.8)	9.1 (2.7–16)	0.85 (0.77–1)	7.6 (6.9–9.1)
	2006	11	0.033 (0.03–0.036)	<1 (<1–<1)	0.86 (0.21–1.5)	7.7 (1.9–13)	0.78 (0.77–0.94)	7 (6.8–8.4)
Dominica	1990	<1	<0.01 (<0.01–<0.01)	<1 (<1–<1)	0.011 (<0.01–0.02)	16 (3.6–29)	0.01 (<0.01–0.015)	15 (8.7–21)
	1995	<1	<0.01 (<0.01–<0.01)	<1 (<1–<1)	0.011 (<0.01–0.02)	16 (3.6–28)	<0.01 (<0.01–0.012)	14 (12–17)
	2000	<1	<0.01 (<0.01–<0.01)	3.1 (2.8–3.5)	0.023 (<0.01–0.039)	35 (15–58)	<0.01 (<0.01–0.011)	14 (11–17)
	2005	<1	<0.01 (<0.01–<0.01)	1.8 (1.2–2.5)	0.026 (<0.01–0.045)	38 (8.4–67)	<0.01 (<0.01–0.011)	13 (11–16)
	2006	<1	<0.01 (<0.01–<0.01)	1.5 (1.3–1.6)	0.018 (<0.01–0.032)	27 (6–48)	<0.01 (<0.01–0.011)	13 (11–16)

^a Rates are per 100 000 population.

TABLE A2.1 Estimates of the burden of disease caused by TB, 1990–2009

YEAR	POPULATION (MILLIONS)	MORTALITY (EXCLUDING HIV)		PREVALENCE (INCLUDING HIV)		INCIDENCE (INCLUDING HIV)		
		NUMBER (THOUSANDS)	RATE ^a	NUMBER (THOUSANDS)	RATE	NUMBER (THOUSANDS)	RATE	
Dominican Republic	1990	7	3.2 (1.8–5)	43 (24–68)	23 (9.2–44)	315 (125–603)	11 (6–16)	148 (81–214)
	1995	8	1.9 (1.3–2.6)	23 (16–32)	17 (7.6–27)	204 (93–336)	9.9 (7.9–12)	121 (97–146)
	2000	9	1.4 (0.88–2)	16 (10–23)	14 (6.1–23)	153 (69–255)	8.8 (7.1–11)	100 (80–120)
	2005	10	1.2 (0.78–1.8)	13 (8.2–19)	12 (5.4–20)	126 (57–209)	7.8 (6.3–9.4)	82 (66–98)
	2006	10	1.2 (0.76–1.7)	12 (7.9–18)	12 (5.2–20)	121 (54–202)	7.6 (6.1–9.2)	79 (63–95)
	2007	10	1.2 (0.78–1.7)	12 (6–18)	12 (5.2–19)	119 (53–196)	7.4 (6–8.9)	76 (61–91)
	2008	10	1.2 (0.76–1.7)	12 (7.7–17)	11 (5.1–19)	114 (51–189)	7.3 (5.8–8.7)	73 (58–87)
2009	10	1.1 (0.69–1.6)	11 (6.9–16)	11 (4.8–18)	107 (48–178)	7.1 (5.7–8.5)	70 (57–84)	
Ecuador	1990	10	2.2 (0.98–3.9)	21 (9.6–38)	32 (13–64)	316 (124–623)	18 (9.9–26)	174 (96–253)
	1995	11	1.5 (0.95–2.1)	13 (8.3–18)	25 (11–41)	216 (98–358)	16 (12–19)	136 (109–164)
	2000	12	1.5 (1.3–1.7)	12 (11–14)	22 (10–36)	180 (83–296)	13 (10–16)	107 (85–128)
	2005	13	1.1 (0.98–1.3)	8.8 (7.5–10)	18 (8.5–30)	142 (66–233)	11 (8.7–13)	83 (67–100)
	2006	13	1.1 (0.94–1.3)	8.3 (7.1–9.5)	18 (8.5–30)	138 (64–227)	10 (8.4–13)	79 (63–95)
	2007	13	1.1 (0.75–1.5)	8.1 (5.6–11)	17 (7.9–28)	128 (59–210)	10 (8.1–12)	76 (60–91)
	2008	13	1 (0.7–1.4)	7.5 (5.2–10)	16 (7.6–27)	121 (56–199)	9.7 (7.8–12)	72 (58–86)
2009	14	0.94 (0.64–1.3)	6.9 (4.7–9.5)	15 (7.1–25)	112 (52–184)	9.3 (7.6–11)	68 (56–82)	
El Salvador	1990	5	0.22 (0.079–0.46)	4.1 (1.5–8.6)	5.2 (1.8–10)	97 (33–192)	3.4 (2.4–4.9)	63 (44–92)
	1995	6	0.047 (0.031–0.063)	<1 (<1–1.1)	2.9 (0.69–5.1)	50 (12–88)	2.6 (2.4–3.1)	45 (42–53)
	2000	6	0.15 (0.13–0.17)	2.5 (2.1–2.8)	3.1 (1.3–5.3)	53 (22–90)	2.2 (1.8–2.6)	37 (29–44)
	2005	6	0.11 (0.092–0.12)	1.8 (1.5–2)	3.4 (1.4–5.7)	56 (24–93)	2.4 (1.9–2.8)	39 (31–47)
	2006	6	0.069 (0.059–0.079)	1.1 (<1–1.3)	2.6 (0.94–4.5)	43 (15–75)	2.1 (1.7–2.5)	34 (27–41)
	2007	6	0.075 (0.037–0.14)	1.2 (<1–2.3)	2.4 (0.85–4.2)	40 (14–69)	2 (1.7–2.4)	33 (27–39)
	2008	6	0.066 (0.034–0.12)	1.1 (<1–1.9)	2.3 (0.81–4)	38 (13–65)	2 (1.7–2.3)	32 (28–38)
2009	6	0.046 (0.024–0.087)	<1 (<1–1.4)	2 (0.63–3.5)	33 (10–56)	1.8 (1.6–2.1)	30 (25–35)	
Grenada	1990	<1	<0.01 (<0.01–0.01)	2.5 (1.4–3.9)	0.01 (<0.01–0.02)	11 (4.2–21)	<0.01 (<0.01–0.01)	4.6 (2.5–6.7)
	1995	<1	<0.01 (<0.01–0.01)	1.4 (1.1–1.9)	<0.01 (<0.01–0.01)	8 (3.7–13)	<0.01 (<0.01–0.01)	4.5 (4–5.4)
	2000	<1	<0.01 (<0.01–0.01)	1.3 (<1–1.9)	<0.01 (<0.01–0.01)	7.5 (3.3–12)	<0.01 (<0.01–0.01)	4.4 (3.5–5.2)
	2005	<1	<0.01 (<0.01–0.01)	2.6 (2.3–3)	<0.01 (<0.01–0.01)	8.5 (3.9–14)	<0.01 (<0.01–0.01)	4.2 (3.4–5.1)
	2006	<1	<0.01 (<0.01–0.01)	1.5 (1–2)	<0.01 (<0.01–0.01)	7.8 (3.6–13)	<0.01 (<0.01–0.01)	4.2 (3.4–5.1)
	2007	<1	<0.01 (<0.01–0.01)	<1 (<1–1.5)	<0.01 (<0.01–0.01)	6.4 (2.6–11)	<0.01 (<0.01–0.01)	4.2 (3.3–5)
	2008	<1	<0.01 (<0.01–0.01)	<1 (<1–1)	<0.01 (<0.01–0.01)	4.6 (1.8–2)	<0.01 (<0.01–0.01)	4.2 (3.3–5)
2009	<1	<0.01 (<0.01–0.01)	<1 (<1–1)	<0.01 (<0.01–0.01)	4.7 (1.2–9.7)	<0.01 (<0.01–0.01)	4.1 (3.4–5)	
Guatemala	1990	9	0.37 (0.16–0.69)	4.1 (1.8–7.7)	12 (4.6–24)	135 (52–266)	6.6 (3.8–9.6)	74 (43–108)
	1995	10	0.42 (0.31–0.56)	4.2 (3.1–5.6)	13 (6.1–22)	132 (61–216)	7.1 (5.7–8.5)	71 (57–85)
	2000	11	0.52 (0.46–0.58)	4.7 (4.1–5.2)	14 (6.7–23)	127 (59–209)	7.6 (6.1–9.1)	68 (54–81)
	2005	13	0.4 (0.35–0.45)	3.2 (2.8–3.5)	14 (6.7–24)	114 (53–186)	8.2 (6.6–9.9)	65 (52–78)
	2006	13	0.38 (0.33–0.42)	2.9 (2.5–3.2)	15 (6.9–24)	113 (53–185)	8.4 (6.7–10)	64 (51–77)
	2007	13	0.49 (0.35–0.64)	3.6 (2.6–4.8)	15 (7–25)	112 (53–184)	8.5 (6.8–10)	63 (51–76)
	2008	14	0.52 (0.39–0.68)	3.8 (2.8–5)	16 (7.4–25)	114 (54–186)	8.6 (6.9–10)	63 (50–75)
2009	14	0.52 (0.39–0.67)	3.7 (2.8–4.8)	16 (7.4–25)	111 (53–180)	8.7 (7.1–11)	62 (51–75)	
Guyana	1990	<1	0.25 (0.14–0.41)	34 (19–54)	1.3 (0.52–2.5)	171 (69–328)	0.67 (0.37–0.97)	89 (49–130)
	1995	<1	0.18 (0.13–0.25)	24 (17–32)	1 (0.5–1.7)	137 (65–224)	0.68 (0.54–0.81)	89 (72–107)
	2000	<1	0.17 (0.11–0.24)	22 (14–32)	1.1 (0.51–1.8)	143 (67–235)	0.79 (0.63–0.94)	104 (83–125)
	2005	<1	0.14 (0.12–0.15)	18 (15–20)	1.2 (0.47–2)	153 (62–261)	0.88 (0.7–1.1)	115 (92–138)
	2006	<1	0.15 (0.08–0.24)	19 (11–31)	1.2 (0.48–2)	155 (62–263)	0.88 (0.71–1.1)	115 (93–138)
	2007	<1	0.099 (0.05–0.17)	13 (6.5–22)	0.91 (0.4–1.5)	119 (52–198)	0.87 (0.69–1)	114 (91–136)
	2008	<1	0.13 (0.065–0.22)	17 (8.5–28)	1.1 (0.44–1.8)	139 (57–238)	0.86 (0.69–1)	113 (90–135)
2009	<1	0.11 (0.058–0.19)	15 (7.6–25)	1 (0.42–1.7)	132 (54–222)	0.85 (0.69–1)	112 (91–134)	
Haiti	1990	7	3.3 (1.4–6.3)	47 (19–88)	29 (11–58)	411 (157–816)	18 (9.7–26)	247 (136–359)
	1995	8	3.7 (2.7–4.9)	47 (34–63)	30 (14–50)	386 (183–635)	19 (16–23)	247 (198–297)
	2000	9	4.2 (3–5.7)	49 (34–66)	36 (17–59)	416 (198–682)	23 (19–28)	271 (217–325)
	2005	9	3.8 (2.5–5.5)	41 (26–58)	37 (17–61)	390 (181–645)	26 (20–31)	272 (217–326)
	2006	10	3.8 (2.5–5.4)	40 (26–57)	37 (17–60)	382 (176–630)	25 (20–30)	264 (211–317)
	2007	10	3.9 (2.5–5.5)	40 (26–57)	37 (17–61)	383 (176–629)	25 (20–30)	256 (205–307)
	2008	10	3.2 (2–4.8)	33 (20–49)	33 (15–55)	333 (153–554)	24 (19–29)	246 (197–296)
2009	10	3.2 (2–4.8)	32 (20–48)	33 (15–55)	331 (150–547)	24 (19–29)	238 (194–287)	
Honduras	1990	5	0.88 (0.3–1.9)	18 (6.1–39)	9.2 (3.1–19)	188 (64–382)	6.1 (3.6–8.9)	125 (74–182)
	1995	6	1 (0.63–1.5)	18 (11–27)	11 (4.6–18)	188 (83–314)	7 (5.6–8.4)	125 (100–150)
	2000	6	0.84 (0.52–1.3)	14 (8.3–21)	10 (4.1–17)	161 (67–265)	7.2 (6.4–8.7)	116 (103–139)
	2005	7	1.1 (0.71–1.5)	16 (10–22)	10 (4.5–17)	145 (65–240)	6.1 (4.9–7.3)	89 (71–106)
	2006	7	1 (0.68–1.4)	14 (9.7–20)	9.4 (4.2–15)	133 (60–219)	5.7 (4.6–6.8)	81 (65–97)
	2007	7	0.9 (0.6–1.3)	13 (8.3–18)	8.5 (3.9–14)	118 (54–195)	5.2 (4.2–6.3)	73 (58–87)
	2008	7	0.75 (0.48–1.1)	10 (6.5–15)	7.3 (3.3–12)	100 (45–166)	4.7 (3.8–5.7)	64 (52–77)
2009	7	0.59 (0.35–0.91)	7.9 (4.7–12)	6.3 (2.7–11)	85 (36–143)	4.3 (3.5–5.2)	58 (47–69)	
Jamaica	1990	2	0.013 (<0.01–0.028)	<1 (<1–1.2)	0.18 (0.064–0.33)	7.5 (2.7–14)	0.15 (0.12–0.22)	6.5 (5.2–9.5)
	1995	2	0.016 (<0.01–0.028)	<1 (<1–1.1)	0.19 (0.083–0.33)	7.9 (3.4–14)	0.16 (0.13–0.19)	6.5 (5.2–7.9)
	2000	3	0.016 (<0.01–0.029)	<1 (<1–1.1)	0.2 (0.085–0.34)	7.8 (3.3–13)	0.17 (0.13–0.2)	6.5 (5.2–7.9)
	2005	3	0.022 (0.012–0.034)	<1 (<1–1.3)	0.22 (0.1–0.37)	8.2 (3.8–14)	0.17 (0.14–0.21)	6.5 (5.2–7.9)
	2006	3	0.024 (0.015–0.037)	<1 (<1–1.4)	0.24 (0.11–0.4)	8.8 (4.1–15)	0.18 (0.14–0.21)	6.5 (5.2–7.9)
	2007	3	0.024 (0.014–0.036)	<1 (<1–1.4)	0.24 (0.11–0.4)	8.8 (4.1–15)	0.18 (0.14–0.21)	6.5 (5.2–7.9)
	2008	3	0.023 (0.013–0.037)	<1 (<1–1.4)	0.25 (0.11–0.42)	9.1 (3.9–15)	0.18 (0.14–0.21)	6.5 (5.2–7.9)
2009	3	0.02 (0.011–0.033)	<1 (<1–1.2)	0.23 (0.059–0.39)	8.5 (3.6–14)	0.18 (0.15–0.21)	6.5 (5.3–7.9)	
Mexico	1990	83	10 (5.5–17)	13 (6.6–21)	100 (41–200)	123 (49–237)	51 (28–74)	61 (34–89)
	1995	92	7.2 (5.2–9.5)	7.8 (5.6–10)	75 (35–120)	82 (38–134)	40 (32–48)	44 (33–53)
	2000	100	3.5 (3.1–3.9)	3.5 (3.2–3.9)	50 (22–84)	51 (22–84)	32 (25–38)	32 (25–38)
	2005	105	2.6 (2.4–2.9)	2.5 (2.2–2.9)	35 (14–59)	33 (13–56)	24 (19–29)	23 (18–27)
	2006	106	2.4 (2.2–2.7)	2.3 (2–2.5)	30 (11–52)	28 (10–49)	23 (18–27)	21 (17–26)
	2007	107	2.2 (2–2.5)	2.1 (1.9–2.3)	27 (9–47)	25 (8.4–44)	21 (18–26)	20 (17–24)
	2008	109	1 (0.55–1.8)	<1 (<1–1.7)	24 (7.3–41)	22 (6.7–38)	20 (19–24)	19 (17–22)
2009	110	0.62 (0.38–1.2)	<1 (<1–1.1)	21 (5–36)	19 (4.6–33)	19 (17–22)	17 (15–20)	
Nicaragua	1990	4	0.71 (0.26–1.5)	17 (6.3–35)	7.1 (2.5–14)	172 (60–344)	4.5 (2.9–6.5)	108 (71–156)
	1995	5	0.52 (0.29–0.85)	11 (6.2–18)	5.9 (2.3–10)	126 (50–216)	4 (3.2–4.8)	85 (68–102)
	2000	5	0.45 (0.26–0.72)	8.9 (5–14)	5.1 (2–8.7)	100 (40–170)	3.4 (2.8–4.1)	68 (54–81)
	2005	5	0.4 (0.23–0.62)	7.3 (4.2–11)	4.4 (1.8–7.4)	80 (33–136)	2.9 (2.3–3.5)	53 (43–64)
	2006	6	0.35 (0.19–0.58)	6.4 (3.5–10)	4.1 (1.6–7)	74 (29–127)	2.8 (2.3–3.4)	51 (41–61)
	2007	6	0.27 (0.14–0.47)	4.9 (2.5–8.4)	3.7 (1.3–6.3)	65 (23–113)	2.7 (2.3–3.3)	49 (41–58)
	2008	6	0.21 (0.11–0.37)	3.7 (1.9–6.5)	3.3 (1.1–5.7)	58 (19–100)	2.6 (2.3–3.2)	46 (41–56)
2009	6	0.17 (0.091–0.31)	3 (1.6–5.4)	3.1 (0.92–5.3)	53 (16–93)	2.5 (2.2–3)	44 (38–51)	
Panama	1990	2	0.49 (0.18–1.1)	20 (7.4–44)	1.6 (0.55–3.2)	68 (23–133)	1.1 (0.85–1.7)	47 (35–69)
	1995	3	0.27 (0.13–0.57)	10 (4.7–21)	1.4 (0.45–2.5)	53 (17–93)	1.3 (1–1.5)	47 (38–57)
	2000	3	0.19 (0.17–0.22)	6.6 (5.8–7.4)	1.4 (0.39–2.5)	49 (13–85)	1.4 (1.2–1.7)	47 (40–57)
	2005	3	0.2 (0.13–0.27)	6.3 (4.1–8.4)	1.7 (0.46–3)	53 (14–91)	1.5 (1.2–1.8)	47 (38–57)
	2006	3	0.18 (0.16–0.2)	5.4 (4.7–6)	1.6 (0.46–2.8)	49 (14–85)	1.6 (1.2–1.9)	47 (38–57)
	2007	3	0.19 (0.12–0.25)	5.6 (3.7–7.6)	1.6 (0.44–2.8)	48 (13–83)	1.6 (1.3–1.9)	47 (38–57)
	2008	3	0.25 (0.14–0.51)	7.5 (4.2–15)	1.7 (0.48–3)	51 (14–89)	1.6 (1.5–1.9)	47 (45–57)
2009	3	0.31 (0.18–0.55)	9 (5.1–16)	1.9 (0.54–3.2)	54 (16–92)	1.6 (1.4–1.9)	48 (42–54)	
Paraguay	1990	4	0.074 (0.049–0.1)	1.7 (1.2–2.3)	2.4 (0.54–4.3)	57 (13–101)	2.1 (1.1–3)	49 (27–70)
	1995	5	0.19 (0.092–0.36)	4 (1.9–7.5)	3.1 (1.1–5.5)	64 (22–114)	2.3 (1.9–2.8)	48 (39–58)
	2000	5	0.22 (0.11–0.4)	4.2 (2.1–7.5)	3.5 (1.2–6.1)	65 (23–113)	2.6 (2.1–3.1)	48 (38–58)
	2005	6	0.28 (0.23–0.32)	4.7 (4–5.4)	3.7 (1.3–6.6)	63 (23–111)	2.8 (2.3–3.4)	48 (38–57)
	2006	6	0.24 (0.2–0.27)	3.9 (3.4–4.5)	3.9 (1.5–6.6)	65 (24–110)	2.9 (2.4–3.4)	48 (41–57)
	2007	6	0.26 (0.13–0.46)	4.2 (2.1–7.6)	3.9 (1.4–6.9)	64 (23–112)	2.9 (2.3–3.5)	48 (38–57)
	2008	6	0.28 (0.14–0.48)	4.5 (2.3–7.7)	4.1 (1.5–7.1)	66 (25–114)	3 (2.4–3.6)	47 (38–57)
2009	6	0.29 (0.15–0.48)	4.5 (2.4–7.6)	4.2 (1.6–7.2)	66 (26–113)	3 (2.5–3.6)	47 (39–57)	

^a Rates are per

TABLE A2.1 Estimates of the burden of disease caused by TB, 1990–2009

YEAR	POPULATION (MILLIONS)	MORTALITY (EXCLUDING HIV)		PREVALENCE (INCLUDING HIV)		INCIDENCE (INCLUDING HIV)		
		NUMBER (THOUSANDS)	RATE ^a	NUMBER (THOUSANDS)	RATE	NUMBER (THOUSANDS)	RATE	
Peru	1990	22	13 (4.7–25)	58 (22–116)	120 (41–240)	536 (189–1086)	69 (38–100)	317 (175–460)
	1995	24	6.3 (3.2–11)	26 (13–46)	80 (30–140)	335 (123–583)	58 (46–69)	242 (193–290)
	2000	26	4.6 (2.4–8.8)	19 (9.1–34)	64 (22–110)	248 (86–432)	46 (39–57)	184 (149–221)
	2005	28	3.3 (1.7–6)	12 (6–21)	50 (16–87)	179 (59–311)	39 (33–47)	140 (120–166)
	2006	28	2.8 (1.5–4.9)	9.8 (5.3–17)	46 (15–90)	164 (52–285)	37 (34–45)	133 (122–159)
	2007	29	2.3 (1.2–4.3)	9.2 (4.4–15)	43 (13–74)	150 (44–260)	36 (32–43)	126 (114–151)
	2008	29	2.1 (1.1–3.7)	7.1 (4–13)	40 (11–70)	140 (40–242)	34 (32–41)	119 (112–143)
	2009	29	1.5 (0.88–2.9)	5.2 (3–9.9)	37 (8.8–64)	126 (30–219)	33 (29–37)	113 (98–128)
	Puerto Rico	1990	4	<0.01 (<0.01–0.01)	<1 (<1–1)	0.22 (0.049–0.39)	6.2 (1.4–11)	0.2 (0.16–0.24)
1995		4	0.017 (0.013–0.023)	<1 (<1–1)	0.4 (0.14–0.68)	11 (3.8–18)	0.3 (0.26–0.34)	8.1 (7.1–9.2)
2000		4	0.012 (<0.01–0.015)	<1 (<1–1)	0.27 (0.099–0.45)	7.1 (2.6–12)	0.2 (0.17–0.23)	5.2 (4.6–5.9)
2005		4	<0.01 (<0.01–0.01)	<1 (<1–1)	0.14 (0.048–0.23)	3.5 (1.2–6)	0.13 (0.11–0.15)	3.3 (2.9–3.8)
2006		4	<0.01 (<0.01–0.01)	<1 (<1–1)	0.15 (0.056–0.26)	3.8 (1.4–6.5)	0.13 (0.11–0.15)	3.3 (2.8–3.7)
2007		4	<0.01 (<0.01–0.01)	<1 (<1–1)	0.12 (0.042–0.21)	3 (1.1–5.2)	0.11 (0.098–0.13)	2.9 (2.5–3.2)
2008		4	<0.01 (<0.01–0.01)	<1 (<1–1)	0.13 (0.051–0.21)	3.2 (1.3–5.4)	0.11 (0.095–0.12)	2.8 (2.4–3.1)
2009		4	<0.01 (<0.01–0.01)	<1 (<1–1)	0.081 (0.021–0.14)	2 (<1–3.6)	0.071 (0.063–0.082)	1.8 (1.6–2.1)
Saint Kitts and Nevis		1990	<1	<0.01 (<0.01–0.01)	4.1 (2.3–6.4)	<0.01 (<0.01–0.019)	24 (9.2–47)	<0.01 (<0.01–0.01)
	1995	<1	<0.01 (<0.01–0.01)	1.4 (<1–2.4)	<0.01 (<0.01–0.011)	14 (5.2–25)	<0.01 (<0.01–0.01)	10 (8–12)
	2000	<1	<0.01 (<0.01–0.01)	2.2 (2–2.4)	<0.01 (<0.01–0.015)	19 (8.9–32)	<0.01 (<0.01–0.01)	9.7 (7.8–12)
	2005	<1	<0.01 (<0.01–0.01)	3.4 (2.6–4.3)	0.01 (<0.01–0.017)	21 (9.4–34)	<0.01 (<0.01–0.01)	9.4 (7.6–11)
	2006	<1	<0.01 (<0.01–0.01)	4 (3.6–4.4)	<0.01 (<0.01–0.015)	19 (8.7–31)	<0.01 (<0.01–0.01)	9.4 (7.5–11)
	2007	<1	<0.01 (<0.01–0.01)	<1 (<1–2.8)	<0.01 (<0.01–0.011)	8.7 (2.3–22)	<0.01 (<0.01–0.01)	9.3 (7.9–11)
	2008	<1	<0.01 (<0.01–0.01)	<1 (<1–1.5)	<0.01 (<0.01–0.01)	11 (3.2–20)	<0.01 (<0.01–0.01)	9.3 (7.4–11)
	2009	<1	<0.01 (<0.01–0.01)	<1 (<1–1.4)	<0.01 (<0.01–0.01)	11 (2.7–19)	<0.01 (<0.01–0.01)	9.2 (7.5–11)
	Saint Lucia	1990	<1	<0.01 (<0.01–0.01)	<1 (<1–1.7)	0.028 (<0.01–0.057)	20 (5.2–41)	0.022 (0.013–0.032)
1995		<1	<0.01 (<0.01–0.01)	<1 (<1–1)	0.026 (<0.01–0.046)	17 (3.9–31)	0.023 (0.018–0.027)	15 (12–18)
2000		<1	<0.01 (<0.01–0.01)	<1 (<1–1)	0.04 (0.018–0.067)	25 (11–43)	0.023 (0.019–0.028)	15 (12–18)
2005		<1	<0.01 (<0.01–0.01)	1.1 (<1–1.6)	0.039 (0.017–0.066)	24 (10–40)	0.024 (0.019–0.029)	14 (12–17)
2006		<1	<0.01 (<0.01–0.01)	<1 (<1–1.5)	0.038 (0.016–0.064)	22 (9.5–38)	0.024 (0.019–0.029)	14 (11–17)
2007		<1	<0.01 (<0.01–0.01)	<1 (<1–1.4)	0.032 (0.011–0.059)	19 (6.6–35)	0.024 (0.019–0.029)	14 (11–17)
2008		<1	<0.01 (<0.01–0.01)	<1 (<1–1.4)	0.031 (0.011–0.058)	18 (6.7–34)	0.024 (0.021–0.029)	14 (12–17)
2009		<1	<0.01 (<0.01–0.01)	<1 (<1–1.4)	0.028 (<0.01–0.057)	16 (5.7–33)	0.024 (0.021–0.028)	14 (12–17)
Saint Vincent and the Grenadines		1990	<1	<0.01 (<0.01–0.01)	4.2 (2.5–6.4)	0.071 (0.027–0.14)	66 (25–128)	0.029 (0.016–0.043)
	1995	<1	<0.01 (<0.01–0.01)	3.4 (2.6–4.4)	0.063 (0.029–0.1)	58 (27–96)	0.029 (0.023–0.034)	27 (21–32)
	2000	<1	<0.01 (<0.01–0.01)	3 (2.7–3.4)	0.053 (0.025–0.088)	49 (23–82)	0.028 (0.022–0.033)	26 (21–31)
	2005	<1	<0.01 (<0.01–0.01)	2.4 (1.3–3.9)	0.048 (0.02–0.09)	44 (18–83)	0.027 (0.022–0.033)	25 (20–30)
	2006	<1	<0.01 (<0.01–0.01)	1.6 (<1–3)	0.035 (0.014–0.069)	32 (12–64)	0.027 (0.022–0.033)	25 (20–30)
	2007	<1	<0.01 (<0.01–0.01)	<1 (<1–2.4)	0.025 (<0.01–0.055)	23 (7.7–51)	0.027 (0.022–0.032)	25 (20–30)
	2008	<1	<0.01 (<0.01–0.01)	1.3 (<1–2.8)	0.029 (0.01–0.063)	26 (9.3–57)	0.027 (0.021–0.032)	25 (20–30)
	2009	<1	<0.01 (<0.01–0.01)	<1 (<1–1.8)	0.016 (<0.01–0.041)	14 (3.6–37)	0.027 (0.022–0.032)	24 (20–30)
	Suriname	1990	<1	<0.01 (<0.01–0.01)	1.5 (<1–2.4)	0.56 (0.23–1.1)	139 (56–264)	0.27 (0.15–0.39)
1995		<1	<0.01 (<0.01–0.01)	<1 (<1–1.3)	0.41 (0.19–0.68)	93 (43–155)	0.22 (0.18–0.27)	51 (41–61)
2000		<1	<0.01 (<0.01–0.01)	1.3 (1.1–1.5)	0.64 (0.3–1.1)	136 (64–226)	0.37 (0.29–0.44)	79 (63–95)
2005		<1	0.011 (<0.01–0.012)	2.1 (1.8–2.4)	0.86 (0.4–1.4)	172 (79–285)	0.5 (0.4–0.6)	100 (80–120)
2006		<1	0.01 (<0.01–0.013)	2 (1.5–2.6)	0.94 (0.44–1.6)	186 (86–309)	0.55 (0.44–0.66)	108 (87–130)
2007		<1	0.011 (<0.01–0.014)	2.2 (1.7–2.8)	1 (0.47–1.7)	203 (93–338)	0.59 (0.48–0.71)	116 (93–140)
2008		<1	0.011 (<0.01–0.015)	2.2 (1.7–2.9)	1.1 (0.49–1.8)	207 (96–344)	0.64 (0.52–0.77)	125 (100–150)
2009		<1	0.012 (<0.01–0.016)	2.4 (1.8–3)	1.1 (0.53–1.9)	220 (102–362)	0.7 (0.57–0.84)	135 (109–162)
Trinidad and Tobago		1990	1	0.024 (0.018–0.035)	2 (1.5–2.9)	0.19 (0.06–0.33)	15 (4.9–27)	0.15 (0.12–0.18)
	1995	1	0.028 (0.021–0.038)	2.2 (1.7–3)	0.22 (0.078–0.38)	18 (6.2–30)	0.19 (0.17–0.22)	15 (13–17)
	2000	1	0.029 (0.025–0.032)	2.2 (1.9–2.5)	0.26 (0.1–0.44)	20 (7.9–34)	0.23 (0.2–0.26)	18 (15–20)
	2005	1	0.02 (0.018–0.022)	1.5 (1.4–1.7)	0.18 (0.054–0.31)	14 (4.1–24)	0.19 (0.17–0.22)	14 (13–16)
	2006	1	0.048 (0.038–0.062)	3.7 (2.9–4.7)	0.36 (0.15–0.6)	28 (11–45)	0.27 (0.23–0.3)	20 (18–23)
	2007	1	0.023 (0.02–0.034)	1.8 (1.5–2.5)	0.23 (0.074–0.39)	17 (5.5–29)	0.25 (0.22–0.28)	19 (16–21)
	2008	1	0.046 (0.033–0.064)	3.4 (2.5–4.8)	0.37 (0.15–0.62)	28 (11–46)	0.32 (0.28–0.36)	24 (21–27)
	2009	1	0.036 (0.028–0.052)	2.7 (2.1–3.9)	0.31 (0.11–0.54)	23 (8.2–40)	0.3 (0.27–0.35)	23 (20–26)
	United States of America	1990	255	1.5 (1.1–2.2)	<1 (<1–1)	42 (15–74)	17 (6.1–29)	32 (26–39)
1995		271	1.1 (0.9–1.5)	<1 (<1–1)	32 (11–55)	12 (4.1–20)	26 (23–30)	9.7 (8.4–11)
2000		288	0.78 (0.7–0.86)	<1 (<1–1)	23 (7.6–39)	7.9 (2.6–13)	19 (16–21)	6.5 (5.7–7.4)
2005		303	0.65 (0.59–0.72)	<1 (<1–1)	20 (6.8–33)	6.5 (2.2–11)	16 (14–18)	5.3 (4.7–6)
2006		306	0.68 (0.54–0.9)	<1 (<1–1)	19 (6.9–33)	6.4 (2.2–11)	16 (14–18)	5.2 (4.5–5.9)
2007		309	0.66 (0.52–0.87)	<1 (<1–1)	19 (6.5–32)	6 (2.1–10)	15 (13–17)	5 (4.3–5.6)
2008		312	0.66 (0.52–0.86)	<1 (<1–1)	19 (6.8–31)	6 (2.2–10)	15 (13–17)	4.8 (4.1–5.4)
2009		315	0.5 (0.43–0.64)	<1 (<1–1)	15 (4.2–25)	4.7 (1.3–8)	13 (12–15)	4.1 (3.7–4.8)
Uruguay		1990	3	0.043 (0.02–0.15)	1.4 (<1–4.7)	0.98 (0.23–1.9)	32 (7.4–62)	0.86 (0.47–1.3)
	1995	3	0.079 (0.04–0.14)	2.5 (1.2–4.4)	1.1 (0.41–1.9)	35 (13–60)	0.84 (0.67–1)	26 (21–31)
	2000	3	0.067 (0.06–0.074)	2 (1.8–2.2)	1 (0.35–1.8)	31 (11–54)	0.81 (0.65–0.97)	24 (20–29)
	2005	3	0.059 (0.028–0.11)	1.8 (<1–3.3)	0.93 (0.34–1.6)	28 (10–48)	0.76 (0.62–0.91)	23 (19–27)
	2006	3	0.065 (0.032–0.12)	2 (<1–3.5)	0.94 (0.36–1.6)	28 (11–49)	0.75 (0.6–0.9)	23 (18–27)
	2007	3	0.058 (0.028–0.11)	1.7 (<1–3.2)	0.9 (0.33–1.6)	27 (9.8–47)	0.75 (0.61–0.89)	22 (18–27)
	2008	3	0.042 (0.022–0.077)	1.3 (<1–2.3)	0.83 (0.28–1.4)	25 (6.4–42)	0.74 (0.63–0.89)	22 (20–26)
	2009	3	0.032 (0.018–0.059)	<1 (<1–1.8)	0.77 (0.24–1.3)	23 (7.1–39)	0.73 (0.63–0.84)	22 (19–25)
	Venezuela (Bolivarian Republic of)	1990	20	0.57 (0.22–1.2)	2.9 (1.1–6.1)	10 (3.3–19)	51 (17–97)	7 (5.5–10)
1995		22	0.72 (0.41–1.1)	3.2 (1.9–5.2)	12 (4.7–20)	52 (21–89)	7.7 (6.1–9.2)	35 (28–42)
2000		24	0.64 (0.57–0.7)	2.6 (2.3–2.9)	12 (4.4–20)	47 (18–82)	8.4 (6.7–10)	34 (27–41)
2005		27	0.63 (0.56–0.69)	2.3 (2.1–2.6)	12 (4.8–21)	47 (18–80)	9 (7.2–11)	34 (27–41)
2006		27	0.75 (0.41–1.2)	2.8 (1.5–4.5)	13 (5.2–22)	47 (19–81)	9.2 (7.3–11)	34 (27–40)
2007		28	0.67 (0.6–0.74)	2.4 (2.2–2.7)	13 (5.5–22)	48 (20–81)	9.3 (7.4–11)	34 (27–40)
2008		28	0.86 (0.5–1.3)	3 (1.8–4.8)	14 (5.7–23)	49 (20–82)	9.4 (7.5–11)	33 (27–40)
2009		29	0.88 (0.52–1.4)	3.1 (1.8–4.7)	14 (5.9–23)	49 (20–82)	9.5 (7.8–11)	33 (27–40)

^a Rates are per 100 000 population.

TABLE A2.2 Incidence, notification and case detection rates, all forms, 1990–2009

YEAR	POPULATION (MILLIONS)	INCIDENCE (INCLUDING HIV)		INCIDENCE HIV-POSITIVE		NOTIFIED NEW AND RELAPSE ^a		CASE DETECTION RATE ^a	
		NUMBER (THOUSANDS)	RATE ^b	NUMBER (THOUSANDS)	RATE ^b	NUMBER	RATE ^b	PERCENT	
Antigua and Barbuda	1990	0	<0.01 (<0.01–0.01)	2 (1.6–2.4)	<0.01 (<0.01–0.01)	<1 (<1–<1)	1	2	80 (67–100)
	1995	0	<0.01 (<0.01–0.01)	<1 (<1–<1)	<0.01 (<0.01–0.01)	<1 (<1–<1)	0	<1	–
	2000	0	<0.01 (<0.01–0.01)	6 (5.2–6.7)	<0.01 (<0.01–0.01)	<1 (<1–<1)	4	5	87 (77–100)
	2005	0	<0.01 (<0.01–0.01)	8.3 (7.2–9.3)	<0.01 (<0.01–0.01)	4.1 (1.2–7.2)	6	7	87 (77–100)
	2006	0	<0.01 (<0.01–0.01)	5.4 (4.7–6.1)	<0.01 (<0.01–0.01)	4.1 (1.5–5.7)	4	5	87 (77–100)
	2007	0	<0.01 (<0.01–0.01)	2.7 (2.3–3)	<0.01 (<0.01–0.01)	<1 (<1–<1)	2	2	87 (77–100)
Argentina	1990	32	<0.01 (<0.01–0.01)	1.3 (1.2–1.5)	<0.01 (<0.01–0.01)	<1 (<1–<1)	1	1	87 (77–100)
	1995	35	<0.01 (<0.01–0.01)	5.1 (4.6–5.9)	<0.01 (<0.01–0.01)	<1 (<1–<1)	4	5	89 (77–100)
	2000	37	19 (12–28)	60 (38–87)	0.61 (0.34–1)	1.9 (1–3.1)	12 309	38	63 (44–100)
	2005	39	17 (14–20)	49 (39–59)	0.63 (0.41–0.91)	1.8 (1.2–2.6)	13 450	39	79 (66–98)
	2006	39	15 (12–18)	40 (32–49)	0.66 (0.43–0.94)	1.8 (1.2–2.6)	11 767	32	79 (66–98)
	2007	39	13 (10–15)	33 (27–40)	0.67 (0.44–0.95)	1.7 (1.1–2.4)	9 770	25	76 (63–95)
Bahamas	1990	0	0.058 (0.046–0.069)	22 (18–27)	0.018 (0.011–0.028)	7.2 (4.2–11)	46	18	80 (67–100)
	1995	0	0.066 (0.057–0.074)	23 (20–26)	0.022 (0.015–0.031)	8 (5.4–11)	57	20	87 (77–100)
	2000	0	0.094 (0.082–0.11)	31 (27–35)	0.03 (0.021–0.041)	9.9 (6.9–13)	82	27	87 (77–100)
	2005	0	<0.01 (<0.01–0.01)	<1 (<1–<1)	<0.01 (<0.01–0.01)	<1 (<1–<1)	–	–	–
	2006	0	<0.01 (<0.01–0.01)	<1 (<1–<1)	<0.01 (<0.01–0.01)	<1 (<1–<1)	–	–	–
	2007	0	0.053 (0.046–0.06)	16 (14–18)	0.014 (<0.01–0.022)	4.1 (2.2–6.5)	46	14	87 (77–100)
Barbados	1990	0	0.055 (0.048–0.062)	16 (14–18)	0.02 (0.012–0.028)	5.8 (3.6–8.3)	48	14	87 (77–100)
	1995	0	0.05 (0.045–0.059)	15 (13–17)	0.017 (<0.01–0.025)	4.9 (2.9–7.2)	45	13	89 (77–100)
	2000	0	<0.01 (<0.01–0.01)	2.4 (1.9–2.9)	<0.01 (<0.01–0.01)	<1 (<1–<1)	5	2	80 (67–100)
	2005	0	<0.01 (<0.01–0.01)	1.3 (1.2–1.5)	<0.01 (<0.01–0.01)	<1 (<1–<1)	3	1	87 (77–100)
	2006	0	<0.01 (<0.01–0.01)	1.4 (1.2–1.5)	<0.01 (<0.01–0.01)	<1 (<1–<1)	3	1	87 (77–100)
	2007	0	0.018 (0.016–0.021)	7.2 (6.3–8.2)	<0.01 (<0.01–0.01)	<1 (<1–2.6)	16	6	87 (77–100)
Belize	1990	0	0.076 (0.057–0.11)	40 (30–58)	<0.01 (<0.01–0.01)	1.6 (1.1–2.6)	57	30	75 (52–100)
	1995	0	0.088 (0.07–0.11)	40 (32–48)	<0.01 (<0.01–0.01)	4.4 (2.9–6.2)	95	43	108 (90–135)
	2000	0	0.1 (0.08–0.12)	40 (32–48)	0.015 (0.011–0.02)	6 (4.3–8.1)	106	42	105 (88–132)
	2005	0	0.11 (0.1–0.14)	40 (36–48)	0.028 (0.018–0.039)	9.8 (6.4–14)	102	36	90 (75–100)
	2006	0	0.12 (0.092–0.14)	40 (32–48)	0.014 (<0.01–0.024)	4.7 (2.1–8.2)	85	29	74 (61–92)
	2007	0	0.12 (0.094–0.14)	40 (32–48)	0.019 (<0.01–0.032)	6.3 (2.9–11)	63	21	54 (45–67)
Bolivia (Plurinational State of)	1990	7	0.12 (0.096–0.14)	40 (32–48)	0.025 (0.014–0.037)	8.2 (4.8–12)	88	29	73 (61–92)
	1995	7	0.12 (0.099–0.15)	40 (32–48)	0.024 (0.014–0.036)	7.7 (4.4–12)	88	29	72 (59–89)
	2000	8	17 (11–24)	251 (167–364)	0.29 (0.12–0.54)	4.3 (1.8–8.1)	11 166	167	67 (46–100)
	2005	9	16 (14–19)	215 (193–258)	0.37 (0.22–0.56)	5 (3–7.5)	14 422	193	90 (75–100)
	2006	9	15 (12–17)	184 (148–221)	0.49 (0.3–0.73)	5.9 (3.6–8.8)	10 127	122	66 (55–83)
	2007	10	14 (11–17)	158 (126–190)	0.43 (0.27–0.64)	4.7 (2.9–6.9)	9 748	106	67 (56–84)
Brazil	1990	150	14 (11–17)	144 (115–173)	0.4 (0.24–0.59)	4.1 (2.5–6.1)	9 070	94	65 (54–81)
	1995	162	14 (11–17)	139 (113–168)	0.39 (0.24–0.58)	3.9 (2.4–5.9)	8 847	90	64 (53–79)
	2000	174	130 (75–180)	84 (50–121)	<0.01 (<0.01–0.01)	<1 (<1–<1)	74 570	50	60 (41–100)
	2005	186	110 (92–140)	71 (57–85)	<0.01 (<0.01–0.01)	<1 (<1–<1)	91 013	56	79 (66–99)
	2006	188	110 (84–130)	60 (48–72)	<0.01 (<0.01–0.01)	<1 (<1–<1)	77 899	45	74 (62–93)
	2007	190	95 (80–110)	51 (43–62)	9.8 (8.2–12)	5.3 (4.4–6.2)	80 209	43	84 (70–100)
Canada	1990	28	93 (78–110)	50 (41–60)	9.4 (7.7–11)	5 (4.1–5.9)	77 632	41	83 (69–100)
	1995	29	91 (75–110)	48 (39–58)	11 (8.6–13)	5.5 (4.5–6.6)	74 757	39	82 (68–100)
	2000	31	89 (73–110)	46 (38–56)	10 (8.4–12)	5.3 (4.3–6.3)	73 395	38	82 (69–100)
	2005	32	87 (72–100)	45 (37–54)	10 (8.3–12)	5.2 (4.3–6.2)	75 040	39	86 (72–105)
	2006	33	2.5 (2–3)	8.9 (7.1–11)	0.23 (0.12–0.38)	<1 (<1–1.4)	1 968	7	80 (67–100)
	2007	33	2.2 (1.9–2.5)	7.5 (6.6–8.5)	0.21 (0.12–0.32)	<1 (<1–1.1)	1 921	7	87 (77–100)
Chile	1990	31	1.9 (1.7–2.2)	6.2 (5.4–7.1)	0.19 (0.11–0.3)	<1 (<1–<1)	1 667	5	87 (77–100)
	1995	32	1.7 (1.5–1.9)	5.3 (4.6–6)	0.2 (0.11–0.31)	<1 (<1–<1)	1 484	5	87 (77–100)
	2000	33	1.6 (1.4–1.9)	5.1 (4.4–5.7)	0.2 (0.11–0.32)	<1 (<1–<1)	1 434	4	87 (77–100)
	2005	33	1.7 (1.5–1.9)	5.2 (4.5–5.8)	0.21 (0.11–0.33)	<1 (<1–<1)	1 476	4	87 (77–100)
	2006	33	1.7 (1.5–1.9)	5 (4.4–5.7)	0.21 (0.18–0.25)	<1 (<1–<1)	1 452	4	87 (77–100)
	2007	34	1.6 (1.5–1.9)	4.9 (4.4–5.7)	0.21 (0.11–0.35)	<1 (<1–<1)	1 450	4	88 (76–99)
Colombia	1990	13	5 (2.7–7.2)	38 (21–55)	0.028 (<0.01–0.063)	<1 (<1–<1)	6 151	47	124 (85–225)
	1995	14	3.9 (3.1–4.7)	27 (22–32)	0.061 (0.028–0.11)	<1 (<1–<1)	4 150	29	106 (89–133)
	2000	15	3 (2.4–3.6)	19 (16–23)	0.095 (0.059–0.14)	<1 (<1–<1)	3 021	20	101 (84–126)
	2005	16	2.3 (1.8–2.7)	14 (11–17)	0.1 (0.066–0.15)	<1 (<1–<1)	2 505	15	110 (92–137)
	2006	16	2.2 (1.7–2.6)	13 (10–16)	0.1 (0.065–0.14)	<1 (<1–<1)	2 486	15	115 (96–144)
	2007	17	2 (1.6–2.4)	12 (9.8–15)	0.097 (0.063–0.14)	<1 (<1–<1)	2 418	15	119 (99–148)
Costa Rica	1990	3	1.9 (1.5–2.3)	11 (9.2–14)	0.094 (0.06–0.14)	<1 (<1–<1)	2 427	14	126 (105–157)
	1995	3	1.8 (1.5–2.2)	11 (8.7–13)	0.089 (0.057–0.13)	<1 (<1–<1)	2 398	14	132 (109–162)
	2000	4	18 (12–26)	54 (37–78)	0.33 (0.16–0.59)	1 (1–1.8)	12 447	37	70 (48–100)
	2005	4	18 (14–21)	48 (38–58)	0.95 (0.6–1.4)	2.6 (1.6–3.8)	9 912	27	57 (47–71)
	2006	4	17 (14–21)	43 (34–52)	1.3 (0.84–1.8)	3.2 (2.1–4.4)	11 630	29	68 (57–85)
	2007	4	17 (13–20)	38 (31–46)	0.56 (0.45–0.7)	1.3 (1–1.6)	10 360	24	63 (52–78)
Cuba	1990	44	16 (13–20)	38 (30–45)	0.67 (0.53–0.82)	1.5 (1.2–1.9)	11 128	25	68 (56–85)
	1995	44	16 (13–20)	37 (29–44)	0.076 (0.053–0.11)	<1 (<1–<1)	10 950	25	67 (56–84)
	2000	45	16 (13–19)	36 (29–43)	1.6 (1.3–2)	3.6 (2.9–4.4)	11 344	25	70 (58–87)
	2005	46	16 (13–19)	35 (29–42)	1.5 (0.96–2.2)	3.3 (2.1–4.9)	11 438	25	71 (59–87)
	2006	3	0.56 (0.31–0.81)	18 (10–26)	0.012 (<0.01–0.023)	<1 (<1–<1)	230	7	41 (28–75)
	2007	3	0.54 (0.44–0.65)	16 (13–19)	0.028 (0.017–0.043)	<1 (<1–1.2)	586	17	108 (90–135)
Dominica	1990	4	0.53 (0.42–0.64)	14 (11–16)	0.038 (0.024–0.057)	<1 (<1–1.4)	585	15	110 (92–138)
	1995	4	0.5 (0.4–0.61)	12 (9.3–14)	0.047 (0.033–0.065)	1.1 (1–1.5)	534	12	106 (88–132)
	2000	4	0.5 (0.49–0.6)	11 (11–14)	0.039 (0.027–0.053)	<1 (<1–1.2)	488	11	98 (82–100)
	2005	4	0.49 (0.39–0.59)	11 (8.8–13)	0.038 (0.026–0.053)	<1 (<1–1.2)	550	12	112 (93–140)
	2006	5	0.48 (0.39–0.58)	11 (8.6–13)	0.043 (0.029–0.059)	<1 (<1–1.3)	501	11	104 (86–130)
	2007	5	0.48 (0.39–0.57)	10 (8.4–12)	0.044 (0.03–0.061)	<1 (<1–1.3)	443	10	93 (77–115)
Dominica	1990	11	2.7 (1.5–3.9)	25 (14–37)	<0.01 (<0.01–0.019)	<1 (<1–<1)	546	5	20 (14–37)
	1995	11	1.8 (1.6–2.2)	17 (14–20)	0.011 (<0.01–0.02)	<1 (<1–<1)	1 553	14	84 (70–100)
	2000	11	1.3 (1.2–1.5)	11 (11–14)	0.016 (<0.01–0.024)	<1 (<1–<1)	1 183	11	94 (79–100)
	2005	11	0.85 (0.77–1)	7.6 (6.9–9.1)	0.017 (0.01–0.025)	<1 (<1–<1)	770	7	91 (76–100)
	2006	11	0.78 (0.77–0.94)	7 (6.8–8.4)	0.019 (0.012–0.028)	<1 (<1–<1)	765	7	98 (82–100)
	2007	11	0.72 (0.58–0.86)	6.4 (5.1–7.7)	0.02 (0.012–0.03)	<1 (<1–<1)	762	7	106 (88–132)
Dominica	2008	11	0.67 (0.53–0.8)	5.9 (4.8–7.1)	0.058 (0.042–0.077)	<1 (<1–<1)	817	7	123 (102–153)
	2009	11	0.61 (0.49–0.74)	5.5 (4.4–6.6)	<0.01 (<0.01–0.01)	<1 (<1–<1)	712	6	116 (96–144)
	1990	0	0.01 (<0.01–0.015)	15 (8.7–21)	<0.01 (<0.01–0.01)	<1 (<1–<1)	6	9	59 (41–100)
	1995	0	<0.01 (<0.01–0.012)	14 (12–17)	<0.01 (<0.01–0.01)	<1 (<1–<1)	8	12	81 (68–100)
	2000	0	<0.01 (<0.01–0.011)	14 (11–17)	<0.01 (<0.01–0.01)	<1 (<1–<1)	–	–	–
	2005	0	<0.01 (<0.01–0.011)	13 (11–16)	<0.01 (<0.01–0.01)	<1 (<1–<1)	–	–	–
Dominica	2006	0	<0.01 (<0.01–0.011)	13 (11–16)	<0.01 (<0.01–0.01)	<1 (<1–<1)	19	28	211 (176–263)
	2007	0	<0.01 (<0.01–0.011)	13 (11–16)	<0.01 (<0.01–0.01)	<1 (<1–<1)	3	4	34 (28–42)
	2008	0	<0.01 (<0.01–0.011)	13 (11–16)	<0.01 (<0.01–0.01)	<1 (<1–<1)	13	19	147 (122–184)
	2009	0	<0.01 (<0.01–0.011)	13 (11–16)	<0.01 (<0.01–0.01)	3.3 (<1–9.7)	4	6	46 (38–56)

^a Where notification data from a country had not been received by 31 August, the notification rate was assumed to be the same as for 2008 (in *italics*).^b Rates are per 100 000 population.

TABLE A2.2 Incidence, notification and case detection rates, all forms, 1990–2009

YEAR	POPULATION (MILLIONS)	INCIDENCE (INCLUDING HIV)		INCIDENCE HIV-POSITIVE		NOTIFIED NEW AND RELAPSE ^a		CASE DETECTION RATE ^a	
		NUMBER (THOUSANDS)	RATE ^b	NUMBER (THOUSANDS)	RATE ^b	NUMBER	RATE ^b	PERCENT	
Dominican Republic	1990	7	11 (6–16)	148 (81–214)	0.4 (0.064–1.1)	5.4 (<1–14)	2 597	35	24 (16–43)
	1995	8	9.9 (7.9–12)	121 (97–146)	0.8 (0.5–1.2)	9.9 (6.1–15)	4 053	50	41 (34–51)
	2000	9	8.8 (7.1–11)	100 (80–120)	0.81 (0.55–1.1)	9.1 (6.3–13)	5 291	60	60 (50–75)
	2005	10	7.8 (6.3–9.4)	82 (66–98)	0.68 (0.47–0.94)	7.2 (5–9.8)	5 003	52	64 (53–80)
	2006	10	7.6 (6.1–9.2)	79 (63–95)	0.66 (0.46–0.9)	6.8 (4.8–9.4)	4 561	47	60 (50–75)
	2007	10	7.4 (6–8.9)	76 (61–91)	0.64 (0.44–0.89)	6.5 (4.4–9)	4 150	42	56 (46–70)
	2008	10	7.3 (5.8–8.7)	73 (58–87)	0.62 (0.43–0.86)	6.3 (4.4–8.6)	4 280	43	59 (49–74)
	2009	10	7.1 (5.7–8.5)	70 (57–84)	0.61 (0.42–0.83)	6 (4.2–8.3)	4 256	42	60 (50–74)
Ecuador	1990	10	18 (9.9–26)	174 (96–253)	1 (0.42–1.9)	9.9 (4.1–19)	8 243	80	46 (32–84)
	1995	11	16 (12–19)	136 (109–164)	1.4 (0.89–2.1)	12 (7.8–18)	7 893	69	51 (42–63)
	2000	12	13 (10–16)	107 (85–128)	1.2 (0.76–1.7)	9.7 (6.2–14)	6 908	56	53 (44–66)
	2005	13	11 (8.7–13)	83 (67–100)	0.94 (0.59–1.4)	7.2 (4.6–11)	4 416	34	41 (34–51)
	2006	13	10 (8.4–13)	79 (63–95)	0.9 (0.57–1.3)	6.8 (4.3–10)	4 594	34	44 (37–55)
	2007	13	10 (8.1–12)	76 (60–91)	0.91 (0.62–1.3)	6.8 (4.6–9.4)	4 877	37	48 (40–61)
	2008	13	9.7 (7.8–12)	72 (58–86)	0.75 (0.51–1)	5.5 (3.8–7.7)	4 845	36	50 (42–63)
	2009	14	9.3 (7.6–11)	68 (56–82)	0.82 (0.56–1.1)	6 (4.1–8.3)	4 703	35	51 (42–62)
El Salvador	1990	5	3.4 (2.4–4.9)	63 (44–92)	0.058 (0.023–0.11)	1.1 (<1–2.1)	2 367	44	70 (48–100)
	1995	6	2.6 (2.4–3.1)	45 (42–53)	0.12 (0.069–0.17)	2 (1.2–3)	2 422	42	95 (79–100)
	2000	6	2.2 (1.8–2.6)	37 (29–44)	0.17 (0.11–0.25)	2.9 (1.9–4.2)	1 485	25	68 (56–85)
	2005	6	2.4 (1.9–2.8)	39 (31–47)	0.25 (0.19–0.31)	4.1 (3.2–5.1)	1 794	30	76 (63–95)
	2006	6	2.1 (1.7–2.5)	34 (27–41)	0.22 (0.17–0.28)	3.6 (2.8–4.6)	1 644	27	79 (66–99)
	2007	6	2 (1.7–2.4)	33 (27–39)	0.2 (0.13–0.27)	3.2 (2.1–4.5)	1 666	27	84 (70–100)
	2008	6	2 (1.7–2.3)	32 (28–38)	0.22 (0.18–0.27)	3.6 (2.9–4.4)	1 718	28	88 (73–100)
	2009	6	1.8 (1.6–2.1)	30 (25–35)	0.22 (0.18–0.27)	3.6 (2.9–4.4)	1 686	27	92 (79–108)
Grenada	1990	0	<0.01 (<0.01–0.01)	4.6 (2.5–6.7)	<0.01 (<0.01–0.01)	<1 (<1–1)	0	<1	0 (0–0)
	1995	0	<0.01 (<0.01–0.01)	4.5 (4–5.4)	<0.01 (<0.01–0.01)	<1 (<1–1)	4	4	89 (74–100)
	2000	0	<0.01 (<0.01–0.01)	4.4 (3.5–5.2)	<0.01 (<0.01–0.01)	<1 (<1–1)	0	<1	0 (0–0)
	2005	0	<0.01 (<0.01–0.01)	4.2 (3.4–5.1)	<0.01 (<0.01–0.01)	<1 (<1–1)	1	<1	–
	2006	0	<0.01 (<0.01–0.01)	4.2 (3.4–5.1)	<0.01 (<0.01–0.01)	<1 (<1–1)	3	3	23 (19–29)
	2007	0	<0.01 (<0.01–0.01)	4.2 (3.3–5)	<0.01 (<0.01–0.01)	<1 (<1–1)	5	5	69 (58–87)
	2008	0	<0.01 (<0.01–0.01)	4.2 (3.3–5)	<0.01 (<0.01–0.01)	<1 (<1–1)	3	3	116 (97–145)
	2009	0	<0.01 (<0.01–0.01)	4.1 (3.4–5)	<0.01 (<0.01–0.01)	<1 (<1–2.7)	5	5	116 (96–143)
Guatemala	1990	9	6.6 (3.8–9.6)	74 (43–108)	0.089 (0.029–0.19)	1 (1–2.1)	3 813	43	57 (40–100)
	1995	10	7.1 (5.7–8.5)	71 (57–85)	0.28 (0.15–0.46)	2.8 (1.5–4.6)	3 119	31	44 (37–55)
	2000	11	7.6 (6.1–9.1)	68 (54–81)	0.53 (0.33–0.79)	4.7 (3–7)	2 913	26	38 (32–48)
	2005	13	8.2 (6.6–9.9)	65 (52–78)	0.76 (0.49–1.1)	6 (3.9–8.7)	3 365	26	41 (34–51)
	2006	13	8.4 (6.7–10)	64 (51–77)	0.82 (0.53–1.2)	6.3 (4.1–9)	3 626	28	43 (36–54)
	2007	13	8.5 (6.8–10)	63 (51–76)	0.88 (0.57–1.3)	6.6 (4.3–9.5)	3 140	24	37 (31–46)
	2008	14	8.6 (6.9–10)	63 (50–75)	0.87 (0.59–1.1)	6.3 (5–7.8)	3 246	24	38 (31–47)
	2009	14	8.7 (7.1–11)	62 (51–75)	1 (0.82–1.3)	7.3 (5.9–9)	2 902	21	33 (28–41)
Guyana	1990	1	0.67 (0.37–0.97)	89 (49–130)	0.093 (0.051–0.15)	12 (6.9–20)	168	22	25 (17–46)
	1995	1	0.68 (0.54–0.81)	89 (72–107)	0.15 (0.1–0.2)	19 (14–26)	296	39	44 (36–55)
	2000	1	0.79 (0.63–0.94)	104 (83–125)	0.2 (0.15–0.27)	27 (19–36)	422	56	54 (45–67)
	2005	1	0.88 (0.7–1.1)	115 (92–138)	0.11 (0.081–0.14)	14 (11–19)	639	94	73 (61–91)
	2006	1	0.88 (0.71–1.1)	115 (93–138)	0.093 (0.068–0.12)	12 (8.9–16)	710	83	81 (68–100)
	2007	1	0.87 (0.69–1)	114 (91–136)	0.33 (0.26–0.4)	43 (34–53)	594	78	68 (57–85)
	2008	1	0.86 (0.69–1)	113 (90–135)	0.18 (0.12–0.24)	23 (16–31)	653	86	76 (63–95)
	2009	1	0.85 (0.69–1)	112 (91–134)	0.2 (0.16–0.25)	26 (21–33)	660	87	77 (64–95)
Haiti	1990	7	18 (9.7–26)	247 (136–359)	1.9 (0.84–3.6)	27 (12–50)	–	–	–
	1995	8	19 (16–23)	247 (198–297)	4.7 (3.4–6.3)	60 (43–80)	6 212	79	32 (27–40)
	2000	9	23 (19–28)	271 (217–325)	5.2 (3.8–6.8)	60 (43–79)	10 420	120	44 (37–56)
	2005	9	26 (20–31)	272 (217–326)	5 (3.6–6.6)	53 (38–70)	14 311	152	56 (47–70)
	2006	10	25 (20–30)	264 (211–317)	4.8 (3.5–6.4)	50 (36–67)	13 959	146	55 (46–69)
	2007	10	25 (20–30)	256 (205–307)	3.6 (2.9–4.3)	37 (30–44)	14 133	145	57 (47–71)
	2008	10	24 (19–29)	246 (197–296)	5.6 (4–7.4)	57 (41–75)	14 602	148	60 (50–75)
	2009	10	24 (19–29)	238 (194–287)	4.4 (3.2–5.9)	44 (32–59)	14 833	148	62 (51–76)
Honduras	1990	5	6.1 (3.6–8.9)	125 (74–182)	0.37 (0.20–0.61)	7.5 (4–12)	3 647	74	59 (41–100)
	1995	6	7 (5.6–8.4)	125 (100–150)	0.56 (0.37–0.79)	9.9 (6.6–14)	4 984	89	71 (59–89)
	2000	6	7.2 (6.4–8.7)	116 (103–139)	0.53 (0.36–0.75)	8.6 (5.7–12)	6 406	103	89 (74–100)
	2005	7	6.1 (4.9–7.3)	89 (71–106)	0.39 (0.25–0.55)	5.6 (3.7–8)	3 333	48	55 (45–68)
	2006	7	5.7 (4.6–6.8)	81 (65–97)	0.36 (0.28–0.45)	5.1 (4–6.4)	3 197	45	56 (47–70)
	2007	7	5.2 (4.2–6.3)	73 (58–87)	0.34 (0.27–0.43)	4.8 (3.7–6)	2 772	39	53 (44–66)
	2008	7	4.7 (3.8–5.7)	64 (52–77)	0.34 (0.27–0.43)	4.7 (3.6–5.8)	2 829	39	60 (50–75)
	2009	7	4.3 (3.5–5.2)	58 (47–69)	0.28 (0.22–0.35)	3.8 (3–4.7)	2 924	39	68 (56–84)
Jamaica	1990	2	0.15 (0.12–0.22)	6.5 (5.2–7.9)	0.039 (0.024–0.06)	1.7 (1–2.5)	123	5	79 (55–100)
	1995	2	0.16 (0.13–0.19)	6.5 (5.2–7.9)	0.044 (0.03–0.061)	1.8 (1.2–2.5)	109	4	67 (56–84)
	2000	3	0.17 (0.13–0.2)	6.5 (5.2–7.9)	0.044 (0.03–0.061)	1.7 (1.2–2.4)	127	5	76 (63–94)
	2005	3	0.17 (0.14–0.21)	6.5 (5.2–7.9)	0.054 (0.036–0.076)	2 (1.4–2.9)	90	3	52 (43–64)
	2006	3	0.18 (0.14–0.21)	6.5 (5.2–7.9)	0.046 (0.03–0.066)	1.7 (1.1–2.5)	95	4	54 (45–68)
	2007	3	0.18 (0.14–0.21)	6.5 (5.2–7.9)	0.043 (0.028–0.062)	1.6 (1–2.3)	104	4	59 (49–74)
	2008	3	0.18 (0.14–0.21)	6.5 (5.2–7.9)	0.027 (0.015–0.042)	1 (<1–1.6)	105	4	59 (49–74)
	2009	3	0.18 (0.15–0.21)	6.6 (5.3–7.9)	0.037 (0.024–0.053)	1.4 (<1–1.9)	139	5	78 (65–96)
Mexico	1990	83	51 (28–74)	61 (34–89)	2.5 (1.4–4.2)	3 (1.6–5)	14 437	17	28 (19–51)
	1995	92	40 (32–48)	44 (35–53)	1.9 (1.2–2.7)	2.1 (1.3–3)	11 329	12	28 (23–35)
	2000	100	32 (25–38)	32 (25–38)	1.4 (0.94–2.1)	1.4 (<1–2.1)	18 434	19	58 (49–73)
	2005	105	24 (19–29)	23 (18–27)	1.1 (0.74–1.6)	1.1 (<1–1.5)	18 524	18	77 (64–96)
	2006	106	23 (18–27)	21 (17–26)	1.1 (0.7–1.6)	1 (<1–1.5)	17 887	17	79 (66–98)
	2007	107	21 (18–26)	20 (17–24)	1.1 (0.7–1.5)	<1 (<1–1.4)	18 324	17	85 (71–100)
	2008	109	20 (19–24)	19 (17–22)	1 (0.67–1.4)	<1 (<1–1.3)	18 810	17	93 (77–100)
	2009	110	19 (17–22)	17 (15–20)	0.96 (0.71–1.2)	<1 (<1–1.1)	18 846	17	99 (86–114)
Nicaragua	1990	4	4.5 (2.9–6.5)	108 (71–156)	0.024 (0.01–0.045)	<1 (<1–1.1)	2 944	71	66 (46–100)
	1995	5	4 (3.2–4.8)	85 (68–102)	0.043 (0.024–0.068)	<1 (<1–1.5)	2 842	61	72 (60–89)
	2000	5	3.4 (2.8–4.1)	68 (54–81)	0.058 (0.035–0.088)	1.1 (<1–1.7)	2 402	47	70 (58–87)
	2005	5	2.9 (2.3–3.5)	53 (43–64)	0.066 (0.041–0.099)	1.2 (<1–1.8)	1 907	35	65 (54–82)
	2006	6	2.8 (2.3–3.4)	51 (41–61)	0.067 (0.042–0.1)	1.2 (<1–1.8)	1 997	36	71 (59–88)
	2007	6	2.7 (2.3–3.3)	49 (41–58)	0.068 (0.042–0.1)	1.2 (<1–1.8)	2 303	41	84 (70–100)
	2008	6	2.6 (2.3–3.2)	46 (41–56)	0.069 (0.042–0.1)	1.2 (<1–1.8)	2 336	41	89 (74–100)
	2009	6	2.5 (2.2–3)	44 (38–51)	0.069 (0.043–0.1)	1.2 (<1–1.8)	2 283	40	90 (77–105)
Panama	1990	2	1.1 (0.85–1.7)	47 (35–69)	0.036 (<0.01–0.092)	1.5 (<1–3.8)	846	35	74 (51–100)
	1995	3	1.3 (1–1.5)	47 (38–57)	0.2 (0.12–0.31)	7.5 (4.3–11)	1 300	49	103 (85–128)
	2000	3	1.4 (1.2–1.7)	47 (40–57)	0.22 (0.11–0.35)	7.3 (3.9–12)	1 169	40	84 (70–100)
	2005	3	1.5 (1.2–1.8)	47 (38–57)	0.19 (0.15–0.23)	5.8 (4.5–7.3)	1 637	51	107 (89–133)
	2006	3	1.6 (1.2–1.9)	47 (38–57)	0.26 (0.2–0.32)	7.8 (6.2–9.7)	1 636	50	105 (87–131)
	2007	3	1.6 (1.3–1.9)	47 (38–57)	0.24 (0.19–0.29)	7.1 (5.6–8.8)	1 596	48	101 (84–126)
	2008	3	1.6 (1.5–1.9)	47 (45–57)	0.19 (0.1–0.3)	5.5 (3–8.7)	1 532	45	95 (79–100)
	2009	3	1.6 (1.4–1.9)	48 (42–54)	0.11 (0.091–0.14)	3.3 (2.6–4.1)	1 539	45	104 (83–107)
Paraguay	1990	4	2.1 (1.1–3)	49 (27–70)	<0.01 (<0.01–0.013)	<1 (<1–1)	2 167	51	95 (72–191)
	1995	5	2.3 (1.9–2.8)	48 (39–58)	0.065 (0.031–0.11)	1.3 (<1–2.3)	1 745	36	75 (63–94)
	2000	5	2.6 (2.1–3.1)	48 (38–58)	0.093 (0.058–0.14)	1.7 (1.1–2.6)	1 950	36	76 (63–95)
	2005	6	2.8 (2.3–3.4)	48 (38–57)	0.11 (0.07–0.16)	1.9 (1.2–2.7)	2 075	35	74 (61–92)
	2006	6	2.9 (2.4–3.4)	48 (41–57)	0.11 (0.073–0.16)	1.9 (1.2–2.7)	2 447	41	85 (71–100)
	2007	6	2.9 (2.3–3.5)	48 (38–57)	0.12 (0.074–0.17)	1.9 (1.2–2.8)	2 269	37	78 (65–97)

TABLE A2.2 Incidence, notification and case detection rates, all forms, 1990–2009

YEAR	POPULATION (MILLIONS)	INCIDENCE (INCLUDING HIV)		INCIDENCE HIV-POSITIVE		NOTIFIED NEW AND RELAPSE ^a		CASE DETECTION RATE ^a	
		NUMBER (THOUSANDS)	RATE ^b	NUMBER (THOUSANDS)	RATE ^b	NUMBER	RATE ^b	PERCENT	
Peru	1990	22	69 (38–100)	317 (175–460)	1.1 (0.55–1.9)	5 (2.5–8.6)	37 905	174	55 (38–100)
	1995	24	58 (46–69)	242 (193–290)	1.3 (0.88–1.9)	5.6 (3.7–8)	45 310	189	78 (65–98)
	2000	26	48 (39–57)	184 (149–221)	1.2 (0.76–1.7)	4.4 (2.9–6.3)	38 661	149	81 (67–100)
	2005	28	39 (33–47)	140 (120–168)	0.86 (0.57–1.2)	3.1 (2.1–4.4)	33 421	120	86 (71–100)
	2006	28	37 (34–45)	133 (122–159)	0.81 (0.54–1.1)	2.9 (1.9–4.1)	34 311	122	92 (76–100)
	2007	29	36 (32–43)	126 (114–151)	0.95 (0.81–1.1)	3.3 (2.8–3.9)	32 407	114	90 (75–100)
Puerto Rico	2008	29	34 (32–41)	119 (112–143)	0.71 (0.46–1)	2.5 (1.6–3.5)	32 193	112	94 (78–100)
	2009	29	33 (29–37)	113 (98–128)	0.49 (0.35–0.67)	1.7 (1.2–2.3)	31 844	109	97 (85–112)
	1990	4	0.2 (0.16–0.24)	5.6 (4.5–6.8)	<0.01 (<0.01–0.01)	<1 (<1–1)	159	5	80 (67–100)
1995	4	0.3 (0.26–0.34)	8.1 (7.1–9.2)	<0.01 (<0.01–0.01)	<1 (<1–1)	262	7	87 (77–100)	
2000	4	0.2 (0.17–0.23)	5.2 (4.6–5.9)	<0.01 (<0.01–0.01)	<1 (<1–1)	174	5	87 (77–100)	
2005	4	0.13 (0.11–0.15)	3.3 (2.9–3.8)	0.032 (0.022–0.045)	<1 (<1–1)	113	3	87 (77–100)	
2006	4	0.13 (0.11–0.15)	3.3 (2.8–3.7)	0.023 (0.014–0.034)	<1 (<1–1)	112	3	87 (77–100)	
2007	4	0.11 (0.098–0.13)	2.9 (2.5–3.2)	0.024 (0.015–0.035)	<1 (<1–1)	98	2	87 (77–100)	
2008	4	0.11 (0.095–0.12)	2.8 (2.4–3.1)	0.026 (0.017–0.037)	<1 (<1–1)	95	2	87 (77–100)	
2009	4	0.071 (0.063–0.082)	1.8 (1.6–2.1)	<0.01 (<0.01–0.01)	<1 (<1–1)	63	2	89 (77–100)	
Saint Kitts and Nevis	1990	0	<0.01 (<0.01–0.01)	10 (5.7–15)	<0.01 (<0.01–0.01)	<1 (<1–1)	0	<1	0 (0–0)
	1995	0	<0.01 (<0.01–0.01)	10 (8–12)	<0.01 (<0.01–0.01)	<1 (<1–1)	5	12	116 (97–145)
	2000	0	<0.01 (<0.01–0.01)	9.7 (7.8–12)	<0.01 (<0.01–0.01)	<1 (<1–1)	0	<1	0 (0–0)
	2005	0	<0.01 (<0.01–0.01)	9.4 (7.6–11)	<0.01 (<0.01–0.01)	<1 (<1–1)	0	<1	0 (0–0)
	2006	0	<0.01 (<0.01–0.01)	9.4 (7.5–11)	<0.01 (<0.01–0.01)	<1 (<1–1)	1	2	21 (18–27)
	2007	0	<0.01 (<0.01–0.01)	9.3 (7.9–11)	<0.01 (<0.01–0.01)	4.6 (<1–8.6)	4	8	85 (71–100)
Saint Lucia	2008	0	<0.01 (<0.01–0.01)	9.3 (7.4–11)	<0.01 (<0.01–0.01)	<1 (<1–1)	5	10	106 (88–132)
	2009	0	<0.01 (<0.01–0.01)	9.2 (7.5–11)	<0.01 (<0.01–0.01)	<1 (<1–1)	4	8	84 (70–103)
	1990	0	0.022 (0.013–0.032)	16 (9.4–23)	<0.01 (<0.01–0.01)	<1 (<1–1)	13	9	59 (41–100)
	1995	0	0.023 (0.018–0.027)	15 (12–18)	<0.01 (<0.01–0.01)	<1 (<1–1)	11	7	49 (41–61)
	2000	0	0.023 (0.019–0.028)	15 (12–18)	<0.01 (<0.01–0.01)	<1 (<1–1)	9	6	38 (32–48)
	2005	0	0.024 (0.019–0.029)	14 (12–17)	<0.01 (<0.01–0.01)	<1 (<1–1)	14	8	59 (49–73)
2006	0	0.024 (0.019–0.029)	14 (11–17)	<0.01 (<0.01–0.01)	<1 (<1–1)	15	9	63 (52–78)	
2007	0	0.024 (0.019–0.029)	14 (11–17)	<0.01 (<0.01–0.01)	1.5 (<1–4.4)	19	11	79 (66–99)	
2008	0	0.024 (0.021–0.029)	14 (12–17)	<0.01 (<0.01–0.01)	2.7 (1.4–5.7)	21	12	87 (72–100)	
2009	0	0.024 (0.021–0.028)	14 (12–17)	<0.01 (<0.01–0.01)	4.7 (1.4–9)	12	7	49 (42–59)	
Saint Vincent and the Grenadines	1990	0	0.029 (0.016–0.043)	27 (15–40)	<0.01 (<0.01–0.01)	<1 (<1–1)	2	2	7 (5–12)
	1995	0	0.029 (0.023–0.034)	27 (21–32)	<0.01 (<0.01–0.01)	<1 (<1–1)	13	12	45 (38–57)
	2000	0	0.028 (0.022–0.033)	26 (21–31)	<0.01 (<0.01–0.01)	<1 (<1–1)	16	15	58 (48–72)
	2005	0	0.027 (0.022–0.033)	25 (20–30)	<0.01 (<0.01–0.01)	3.6 (<1–13)	7	6	26 (21–32)
	2006	0	0.027 (0.022–0.033)	25 (20–30)	0.01 (<0.01–0.01)	9.6 (3.4–17)	13	12	48 (40–60)
	2007	0	0.027 (0.022–0.032)	25 (20–30)	0.016 (<0.01–0.024)	14 (7.1–22)	12	11	44 (37–56)
Suriname	2008	0	0.027 (0.021–0.032)	25 (20–30)	0.013 (<0.01–0.022)	12 (5.4–20)	12	11	45 (37–56)
	2009	0	0.027 (0.022–0.032)	24 (20–30)	0.021 (0.011–0.029)	19 (11–26)	9	8	34 (28–41)
	1990	0	0.27 (0.15–0.39)	66 (36–95)	<0.01 (<0.01–0.01)	2 (<1–4.4)	82	20	31 (21–56)
	1995	0	0.22 (0.18–0.27)	51 (41–61)	0.035 (0.018–0.058)	8 (4–13)	–	–	–
	2000	0	0.37 (0.29–0.44)	79 (63–95)	0.079 (0.05–0.11)	17 (11–24)	89	19	24 (20–30)
	2005	0	0.5 (0.4–0.6)	100 (80–120)	0.11 (0.073–0.16)	23 (15–32)	117	23	23 (19–29)
2006	1	0.55 (0.44–0.66)	108 (87–130)	0.12 (0.079–0.18)	24 (16–35)	127	25	23 (19–29)	
2007	1	0.59 (0.48–0.71)	116 (93–140)	0.13 (0.086–0.19)	26 (17–38)	–	–	–	
2008	1	0.64 (0.52–0.77)	125 (100–150)	0.17 (0.11–0.24)	32 (21–46)	108	21	17 (14–21)	
2009	1	0.7 (0.57–0.84)	135 (109–162)	0.19 (0.14–0.26)	37 (27–50)	177	34	25 (21–31)	
Trinidad and Tobago	1990	1	0.15 (0.12–0.18)	12 (9.8–15)	<0.01 (<0.01–0.01)	<1 (<1–1)	120	10	80 (67–100)
	1995	1	0.19 (0.17–0.22)	15 (13–17)	0.026 (0.016–0.038)	2.1 (1.3–3)	166	13	87 (77–100)
	2000	1	0.23 (0.2–0.26)	18 (15–20)	0.046 (0.032–0.063)	3.6 (2.5–4.9)	198	15	87 (77–100)
	2005	1	0.19 (0.17–0.22)	14 (13–16)	0.048 (0.035–0.063)	3.7 (2.7–4.8)	166	13	87 (77–100)
	2006	1	0.27 (0.23–0.3)	20 (18–23)	0.015 (<0.01–0.025)	1.1 (<1–1.9)	232	18	87 (77–100)
	2007	1	0.25 (0.22–0.28)	19 (16–21)	0.09 (0.071–0.11)	6.8 (5.4–8.3)	218	16	87 (77–100)
United States of America	2008	1	0.32 (0.28–0.36)	24 (21–27)	0.074 (0.052–0.099)	5.5 (3.9–7.4)	279	21	87 (77–100)
	2009	1	0.3 (0.27–0.35)	23 (20–26)	0.079 (0.055–0.11)	5.9 (4.1–8)	272	20	89 (77–100)
	1990	255	32 (26–39)	13 (10–15)	1.9 (1.2–2.9)	<1 (<1–1)	25 701	10	80 (67–100)
	1995	271	26 (23–30)	9.7 (8.4–11)	1.5 (1–2.2)	<1 (<1–1)	22 728	8	87 (77–100)
	2000	288	19 (16–21)	6.5 (5.7–7.4)	1.2 (0.83–1.7)	<1 (<1–1)	16 310	6	87 (77–100)
	2005	303	16 (14–18)	5.3 (4.7–6)	1.2 (1–1.4)	<1 (<1–1)	14 080	5	87 (77–100)
2006	306	16 (14–18)	5.2 (4.5–5.9)	1.1 (0.95–1.3)	<1 (<1–1)	13 779	5	87 (77–100)	
2007	309	15 (13–17)	5 (4.3–5.6)	1 (0.88–1.2)	<1 (<1–1)	13 299	4	87 (77–100)	
2008	312	15 (13–17)	4.8 (4.1–5.4)	0.95 (0.82–1.1)	<1 (<1–1)	12 904	4	87 (77–100)	
2009	315	13 (12–15)	4.1 (3.7–4.8)	0.79 (0.68–0.91)	<1 (<1–1)	11 545	4	89 (77–100)	
Uruguay	1990	3	0.86 (0.47–1.3)	28 (15–40)	0.034 (0.011–0.072)	1.1 (<1–2.3)	886	28	103 (71–187)
	1995	3	0.84 (0.67–1)	26 (21–31)	0.055 (0.033–0.083)	1.7 (1–2.6)	625	19	74 (62–93)
	2000	3	0.81 (0.65–0.97)	24 (20–29)	0.089 (0.058–0.13)	2.7 (1.7–3.8)	645	19	80 (66–99)
	2005	3	0.76 (0.62–0.91)	23 (19–27)	0.091 (0.067–0.12)	2.7 (2–3.6)	622	19	82 (68–100)
	2006	3	0.75 (0.6–0.9)	23 (18–27)	0.11 (0.081–0.14)	3.3 (2.4–4.3)	557	17	74 (62–92)
	2007	3	0.75 (0.61–0.89)	22 (18–27)	0.11 (0.081–0.14)	3.2 (2.4–4.2)	607	18	81 (68–100)
Venezuela (Bolivarian Republic of)	2008	3	0.74 (0.69–0.89)	22 (20–26)	0.11 (0.078–0.15)	3.3 (2.3–4.5)	686	20	93 (77–100)
	2009	3	0.73 (0.63–0.84)	22 (19–25)	0.12 (0.096–0.15)	3.6 (2.8–4.4)	704	21	96 (84–111)
	1990	20	7 (5.5–10)	35 (28–51)	0.054 (0.015–0.12)	<1 (<1–1)	5 457	28	78 (54–100)
	1995	22	7.7 (6.1–9.2)	35 (28–42)	0.16 (0.076–0.28)	<1 (<1–2)	5 578	25	73 (60–91)
	2000	24	8.4 (6.7–10)	34 (27–41)	0.37 (0.24–0.54)	1.5 (<1–2.2)	6 466	26	77 (64–97)
	2005	27	9 (7.2–11)	34 (27–41)	0.6 (0.39–0.86)	2.3 (1.5–3.2)	6 847	26	76 (63–95)
2006	27	9.2 (7.3–11)	34 (27–40)	0.64 (0.42–0.91)	2.4 (1.5–3.4)	6 705	25	73 (61–91)	
2007	28	9.3 (7.4–11)	34 (27–40)	0.67 (0.54–0.83)	2.4 (1.9–3)	6 456	23	69 (58–87)	
2008	28	9.4 (7.5–11)	33 (27–40)	0.71 (0.57–0.87)	2.5 (2–3.1)	6 408	23	68 (57–85)	
2009	29	9.5 (7.8–11)	33 (27–40)	0.72 (0.57–0.88)	2.5 (2–3.1)	6 474	23	68 (56–83)	

^a Where notification data from a country had not been received by 31 August, the notification rate was assumed to be the same as for 2008 (in *italics*).^b Rates are per 100 000 population.

TABLE A2.3 Case notifications, 1990–2009

	NEW AND RELAPSE NOTIFICATION RATE ^a 1990–2009	YEAR	NEW AND RELAPSE ^a	NEW CASES				RELAPSE	RE-TREAT EXCL. RELAPSE	TOTAL RETREAT	HISTORY UNKNOWN	% SMEAR-POS AMONG NEW PULM
				SMEAR-POSITIVE	SMEAR-NEGATIVE/ UNKNOWN	EXTRA-PULMONARY	OTHER					
Antigua and Barbuda		1990	1									–
		1995	0									–
		2000	4	3	1	0		0	0	0	0	75
		2005	6	6	0	0	0	0	0	0	0	100
		2006	4	4	0	0	0	0	0	0	0	100
		2007	2	2	0	0	0	0	0	0	0	100
Argentina		1990	12 309									–
		1995	13 450	5 698	4 668	3 067						55
		2000	11 767	4 749	4 110	1 773		104	1 724	1 828		54
		2005	9 770	4 709	3 357	1 561	0	143	666	809	806	58
		2006	9 406	4 834	2 669	1 266	585	52	457	509	269	64
		2007	9 755	4 985	3 103	1 444	61	162	456	618	472	62
Bahamas		1990	46									–
		1995	57	38	11	8		1		1		78
		2000	82	56	23	4		0	0	0		71
		2005										–
		2006										–
		2007	46	32	6	7	0	1	2	3	0	84
Barbados		1990	5									–
		1995	3	3								–
		2000	3	3	0	0		0	0	0		100
		2005										–
		2006	5	4	0	1	0	0	0	0	0	100
		2007	16	8	0	8	0	0	0	0	0	100
Belize		1990	57									–
		1995	95	36	34	1		4		4		51
		2000	106	44	55	1		6	0	6		44
		2005	102	59	29	3	0	11	4	15	0	67
		2006	85	60	18	0	0	7	2	9		77
		2007	63	54	0	2	0	7		7		100
Bolivia (Plurinational State of)		1990	11 166									–
		1995	14 422	7 010	1 408	1 133		63		63		83
		2000	10 127	6 458	1 565	1 288		451	1 630	2 081		80
		2005	9 748	6 278	1 250	1 673		547	225	772		83
		2006	9 014	5 788	1 064	1 654		508	186	694		84
		2007	8 574	5 686	861	1 502		525	127	652		87
Brazil		1990	74 570									–
		1995	91 013	45 650	29 291	13 814						61
		2000	77 899	41 186	23 622	10 457		2 634	8 700	11 334		64
		2005	80 209	42 093	23 990	11 037		3 089	6 548	9 637	466	64
		2006	77 632	41 117	22 585	10 656	0	3 274	5 661	8 935	0	65
		2007	74 757	38 444	23 065	10 318	0	2 930	5 704	8 634	0	63
Canada		1990	1 968	549	516	723	0	180		180	29	52
		1995	1 921	436	656	634	0	195		195	44	40
		2000	1 667	492	528	482	20	145		145	56	48
		2005	1 484	433	446	562	4	39	64	103	68	49
		2006	1 434	407	586	402	0	39	86	125	101	41
		2007	1 476	463	449	484	0	80	29	109	42	51
Chile		1990	6 151									–
		1995	4 150	1 561	1 284	1 017		225		225		55
		2000	3 021	1 290	879	694		158		158		59
		2005	2 505	1 186	502	631		186	128	314		70
		2006	2 486	1 533	233	571	0	149	27	176	46	87
		2007	2 418	1 166	496	634	0	152	74	226	0	70
Colombia		1990	12 447									–
		1995	9 912	7 530	1 380	1 002						85
		2000	11 630	8 358	1 446	1 487		339		339		85
		2005	10 360	6 870	1 429	1 618		443		443		83
		2006	11 128	7 648	1 348	1 700	0	432		432	0	85
		2007	10 950	7 188	1 636	1 703	0	423		423		81
Costa Rica		1990	230									–
		1995	586	245	71	31		0		0		78
		2000	585	349	184	98		35		35		65
		2005	534	330	81	104		19	26	45		80
		2006	488	285	92	95	0	16	24	40	0	76
		2007	550	322	110	91	0	27	15	42	0	75
Cuba		1990	546									–
		1995	1 553	834	520	199		54		54		62
		2000	1 183	675	257	201		50	122	172		72
		2005	770	467	160	103		40	9	49	2	74
		2006	765	432	188	96		49		49		70
		2007	762	432	184	98		48	11	59		70
Dominica		1990	6									–
		1995	8	5				3		3		–
		2000										–
		2005										–
		2006	19	8	11	0	0	0	0	0	0	42
		2007	3	3	0	0	0	0	0	0	0	100

^a Rates are per 100 000 population. Where notification data from a country had not been received by 31 August, the notification rate was assumed to be the same as for 2008 (in italics).

TABLE A2.3 Case notifications, 1990–2009

	NEW AND RELAPSE NOTIFICATION RATE ^a 1990–2009	YEAR	NEW AND RELAPSE ^a	NEW CASES				RELAPSE	RE-TREAT EXCL. RELAPSE	TOTAL RETREAT	HISTORY UNKNOWN	% SMEAR-POS AMONG NEW PULM
				SMEAR-POSITIVE	SMEAR-NEGATIVE/ UNKNOWN	EXTRA-PULMONARY	OTHER					
Dominican Republic		1990	2 597									–
		1995	4 053	2 787	1 418	244		204		204		66
		2000	5 291	2 907	1 234	540		610		610		70
		2005	5 003	2 949	1 032	602		420	309	729		74
		2006	4 561	2 658	893	631	41	338	258	596	0	75
		2007	4 150	2 373	830	593		354	211	565	0	74
		2008	4 280	2 458	933	580	0	309	188	497	0	72
Ecuador		1990	8 243									–
		1995	7 893	5 890	2 237	420						72
		2000	6 908	5 064	1 338	400		106	280	386		79
		2005	4 416	3 048	635	330		403	392	795		83
		2006	4 594	3 182	540	455		417	326	743		85
		2007	4 877	3 448	480	503	0	446	385	831	0	88
		2008	4 845	3 380	435	609	0	421	357	778	0	89
El Salvador		1990	2 367									–
		1995	2 422		2 241	181						–
		2000	1 485	1 008	278	108		91	180	271		78
		2005	1 794	1 059	402	255		78	36	114	0	72
		2006	1 644	913	347	283	0	101	35	136	0	72
		2007	1 666	942	358	306	0	60	26	86	0	72
		2008	1 718	985	362	313	0	58	28	86	0	73
Grenada		1990	0									–
		1995	4	2								–
		2000	0	0	0	0		0	0	0		–
		2005										–
		2006	1	1	0	0	0	0	0	0	0	100
		2007	3	3	0	0	0	0	0	0	0	100
		2008	5	5	0	0	0	0	1	1	0	100
Guatemala		1990	3 813									–
		1995	3 119	2 368	546	205		249		249		81
		2000	2 913	2 052	518	202		141		141		80
		2005	3 365	2 420	588	256		101	58	159	438	80
		2006	3 626	2 501	414	238	360	113	48	161		86
		2007	3 140	2 348	376	282	0	134	63	197	0	86
		2008	3 246	2 070	326	346	372	132	70	202	0	86
Guyana		1990	168									–
		1995	296	85	187	22		2		2		31
		2000	422	119	231	34		38	46	84		34
		2005	639	240	352	33	6	8	17	25	0	41
		2006	710	294	372	19		25	37	62	0	44
		2007	594	233	301	43	1	16	62	78	0	44
		2008	653	320	242	61	0	30	87	117	0	57
Haiti		1990	6 212									–
		1995	10 420	5 887	2 930	1 367		236	110	346		67
		2005	14 311	7 340	5 292	1 484		195	33	228		58
		2006	13 959	7 461	4 796	1 436	0	266	43	309	0	61
		2007	14 133	7 915	4 472	1 437	0	309	65	374	0	64
		2008	14 602	8 171	4 655	1 463	0	313	60	373	0	64
		2009	14 833									
Honduras		1990	3 647									–
		1995	4 984	2 306	2 214	232		100		100		51
		2000	6 406	3 404	2 396	370		236		236		59
		2005	3 333	2 069	721	362		181		181		74
		2006	3 197	2 018	656	350	0	173	0	173	0	75
		2007	2 772	1 974	470	328	0	0	189	189	0	81
		2008	2 829	1 897	451	330	0	151	33	184	0	81
Jamaica		1990	123									–
		1995	109	93	14	2		2		2		87
		2000	127	90	20	4		13		13		82
		2005	90	53	31	6	0	0	5	5	0	63
		2006	95	61	18	13	1	2	3	5	0	77
		2007	104	78	20	4	0	2	0	2	0	80
		2008	105	78	22	2	0	3	0	3	0	78
Mexico		1990	14 437									–
		1995	11 329	9 220	1 807	302						84
		2000	18 434	11 676	1 675	2 081		421	914	1 335		87
		2005	18 524	11 997	421	2 657	2 831	618	1 408	2 026		97
		2006	17 887	11 874	2 468	2 751		794	776	1 570	47	83
		2007	18 324	11 531	3 213	2 869	0	711	945	1 656	116	78
		2008	18 810	11 903	1 062	3 175	1 896	774	596	1 370	0	92
Nicaragua		1990	2 944									–
		1995	2 842	1 568	854	253		167		167		65
		2000	2 402	1 471	541	231		159		159		73
		2005	1 907	1 253	395	160		99	169	268	0	76
		2006	1 997	1 285	408	177	0	127	108	235	0	76
		2007	2 303	1 453	455	237	0	158	138	296	0	76
		2008	2 336	1 394	530	245	0	167	0	167	0	72
Panama		1990	846									–
		1995	1 300	1 066	114	28		108		108		90
		2000	1 169	460	589	74	5	41	93	134		44
		2005	1 637	860	505	216		56	191	247		63
		2006	1 636	858	464	254	0	60	211	271	0	65
		2007	1 596	833	470	242	0	51	177	228	0	64
		2008	1 532	829	402	251	0	50	141	191	52	67
Paraguay		1990	993									–
		1995	1 745	748	870	127		28		28		46
		2000	1 950	900	791	170		14	516	530		53
		2005	2 075	1 260	665	150			273	273		65
		2006	2 447	1 452	745	174	6	70	94	164	100	66
		2007	2 269	1 276	686	215	6	86	77	163	74	65
		2008	2 222	1 345	554	240	7	76	78	154	70	71
2009	2 346	1 498	428	283	41	96	81	177	0	78		

^a Rates are per 100 000 population. Where notification data from a country had not been received by 31 August, the notification rate was assumed to be the same as for 2008 (in italics).

TABLE A2.3 Case notifications, 1990–2009

	NEW AND RELAPSE NOTIFICATION RATE ^a 1990–2009	YEAR	NEW AND RELAPSE ^a	NEW CASES				RELAPSE	RE-TREAT EXCL. RELAPSE	TOTAL RETREAT	HISTORY UNKNOWN	% SMEAR-POS AMONG NEW PULM
				SMEAR-POSITIVE	SMEAR-NEGATIVE/ UNKNOWN	EXTRA-PULMONARY	OTHER					
Peru		1990	37 905									–
		1995	45 310	32 096	7 803	5 411						80
		2000	38 661	22 580	6 018	5 682				4 381	4 381	79
		2005	33 421	18 490	5 592	5 335	809	3 195	1 794	4 989	326	77
		2006	34 311	19 251	6 045	5 035	835	3 145	2 332	5 477		76
		2007	32 407	17 796	5 510	5 312	775	3 014	2 127	5 141	0	76
		2008	32 193	17 989	5 176	5 137	831	3 060	1 474	4 534	0	78
		2009	31 844	17 391	5 203	5 380	871	2 999	1 325	4 324	0	77
		Puerto Rico		1990	159							
1995	262			128	111	23						54
2000	174			81	69	24						54
2005	113			60	37	16	0	0	0	0	0	62
2006	112			69	36	7	0	0	0	0	0	66
2007	98			56	29	13	0	0	0	0	0	66
2008	95			52	30	13	0	0	0	0	0	63
2009	63			30	25	8	0	0	0	0	0	55
Saint Kitts and Nevis				1990	0							
		1995	5	4								–
		2000	0	0	0	0		0	0	0		–
		2005	0	0	0	0	0	0	2	2		–
		2006	1	1								–
		2007	4	4	0	0	0	0	0	0	0	100
		2008	5	5	0	0	0	0	0	0	0	100
		2009	4	4	0	0	0	0	0	0	0	100
		Saint Lucia		1990	13							
1995	11			11								–
2000	9			7	1	0		1	2	3		88
2005	14			11	1	0	0	2	0	2		92
2006	15			13	0	0	0	2	0	2	0	100
2007	19			18	0	0	0	1	0	1	0	100
2008	21			18	1	1	0	1	0	1	0	95
2009	12			7	1	1	0	3	0	3	0	88
Saint Vincent and the Grenadines				1990	2							
		1995	13	5	7	0		4		4		42
		2000	16	9	4	0		3	0	3		69
		2005	7	6	1	0	0	0	0	0	0	86
		2006	13	8	4	0	0	1	6	7	0	67
		2007	12	4	8	0	0	0	6	6	0	33
		2008	12	11	0	0	0	1	3	4	0	100
		2009	9	3	6	0	0	0	2	2	0	33
		Suriname		1990	82							
1995												–
2000	89			37	40	12		0	1	1		48
2005	117			49	54	6	2	6	2	8	0	48
2006	127			63	43	16	1	4	7	11	2	59
2007												–
2008	108			68	24	13	1	2	5	7	0	74
2009	177			149	14	9	0	5	10	15	1	91
Trinidad and Tobago				1990	120							
		1995	166	7	68	12		22		22		9
		2000	198	115	61	17		5	26	31		65
		2005	166	95	50	12	0	9	13	22		66
		2006	232	149	60	17	0	6	21	27		71
		2007	218	130	59	17	2	10	42	52		69
		2008	279	169	97	9	0	4	43	47	0	64
		2009	272	154	91	19	0	8	52	60	0	63
		United States of America		1990	25 701							
1995	22 728			8 093	10 795	3 835	5					43
2000	16 310			5 883	7 204	3 211	12					45
2005	14 080			5 111	6 030	2 939	0					46
2006	13 779			5 091	5 792	2 889	7					47
2007	13 299			4 864	5 726	2 697	12	0	0	0	0	46
2008	12 904			4 742	5 515	2 638	9					46
2009	11 545			4 014	4 990	2 383	158					45
Uruguay				1990	886							
		1995	625	349	178	78		20		20		66
		2000	645	348	165	77		39		39		68
		2005	622	355	147	73	32	15	4	19		71
		2006	557	305	152	70	0	30	14	44		67
		2007	607	380	132	57	0	38	9	47	0	74
		2008	686	424	159	72	0	31	25	56	0	73
		2009	704	409	192	66	0	37		37		68
		Venezuela (Bolivarian Republic of)		1990	5 457							
1995	5 578			3 056	1 517	709		272		272		67
2000	6 466			3 525	1 616	948		377		377		69
2005	6 847			3 653	1 853	1 094		247	103	350		66
2006	6 705			3 547	1 659	1 157	85	257	134	391		68
2007	6 456			3 392	1 535	1 148	133	248	103	351	0	69
2008	6 408			3 344	1 599	1 116	114	235	197	432	0	68
2009	6 474			3 436	1 665	1 112	0	261	167	428	0	67

^a Rates are per 100 000 population. Where notification data from a country had not been received by 31 August, the notification rate was assumed to be the same as for 2008 (in italics).

TABLE A2.4 Treatment outcomes, new smear-positive cases, 1995–2008

	TREATMENT SUCCESS (%) ^a 1995–2008	YEAR	NUMBER NOTIFIED	SIZE OF COHORT	COHORT AS % NOTIFIED	% OF COHORT							
						CURED	COMPLETED	DIED	FAILED	DEFAULTED	NOT EVALUATED		
Antigua and Barbuda		1995	3	4	—	100	0	0	0	0	0		
		2000	6	6	133	50	0	33	0	0	17		
		2005	4	—	—	—	—	—	—	—	—		
		2006	2	2	100	0	50	0	0	50	0		
		2008	1	1	100	100	0	0	0	0	0		
Argentina		1995	5 698	5 707	100	5	7	1	0	3	84		
		2000	4 749	5 177	109	26	20	5	0	6	43		
		2005	4 709	4 709	100	19	34	5	0	5	37		
		2006	4 834	4 622	96	24	40	6	0	8	23		
		2007	4 985	5 036	101	26	36	5	0	11	21		
		2008	4 758	2 577	54	24	19	4	0	5	47		
Bahamas		1995	38	—	—	—	—	—	—	—	—		
		2000	56	—	—	—	—	—	—	—	—		
		2005	—	—	—	—	—	—	—	—	—		
		2006	32	40	—	0	75	20	5	0	0		
		2008	31	32	100	6	56	13	0	25	0		
Barbados		1995	3	—	—	—	—	—	—	—	—		
		2000	3	—	—	—	—	—	—	—	—		
		2005	—	11	—	45	45	9	—	—	0		
		2006	4	5	125	100	0	0	0	0	0		
		2008	8	8	100	100	0	0	0	0	0		
Belize		1995	36	29	81	52	0	10	3	28	7		
		2000	44	45	102	78	0	9	0	2	11		
		2005	59	59	100	56	19	12	2	12	0		
		2006	60	—	—	—	—	—	—	—	—		
		2007	54	63	117	44	2	6	3	13	32		
		2008	83	82	99	83	0	17	0	0	0		
Bolivia (Plurinational State of)		1995	7 010	7 010	100	53	9	4	1	9	24		
		2000	6 458	6 212	96	73	6	4	1	9	7		
		2005	6 278	6 278	100	76	2	3	1	5	12		
		2006	5 788	5 642	97	81	2	3	1	6	7		
		2007	5 686	5 686	100	82	2	4	1	5	5		
		2008	6 048	6 048	100	82	2	4	1	5	7		
		Brazil		1995	45 650	45 650	100	17	0	1	1	3	79
				2000	41 186	34 007	83	49	22	4	0	9	16
2005	42 093			42 093	100	31	44	5	1	9	9		
2006	41 117			48 305	117	31	42	4	0	9	14		
2007	38 444			38 133	99	33	39	5	1	10	12		
2008	37 697			40 714	108	33	38	5	1	9	14		
Canada				1995	436	—	—	—	—	—	—	—	—
				2000	492	492	100	22	13	5	—	1	59
		2005	433	459	106	8	59	9	0	1	22		
		2006	407	411	101	6	51	7	0	1	35		
		2007	463	813	176	5	59	10	0	2	24		
		2008	488	877	180	11	64	8	—	1	15		
		Chile		1995	1 561	1 111	71	79	0	7	0	8	5
				2000	1 290	1 360	105	82	0	9	0	6	3
2005	1 186			1 147	97	83	0	9	0	6	2		
2006	1 533			1 142	74	85	0	7	0	7	0		
2007	1 166			1 143	98	78	7	9	0	6	0		
2008	1 114			1 259	113	72	9	9	0	7	12		
Colombia				1995	7 530	—	—	—	—	—	—	—	—
				2000	8 358	1 634	20	70	10	5	1	8	6
		2005	6 870	7 778	113	63	9	6	1	7	14		
		2006	7 648	7 648	100	62	9	6	1	8	14		
		2007	7 188	7 027	98	66	11	7	1	9	6		
		2008	7 196	7 288	101	67	9	6	2	8	8		
		Costa Rica		1995	245	—	—	—	—	—	—	—	—
				2000	349	349	100	43	14	10	1	12	19
2005	330			306	93	85	4	5	2	3	1		
2006	285			296	104	83	5	3	2	4	3		
2007	322			296	92	83	5	3	2	4	3		
2008	287			280	98	86	3	5	1	2	3		
Cuba				1995	834	834	100	90	0	4	3	2	2
				2000	675	673	100	91	2	4	1	1	1
		2005	467	466	100	90	2	6	1	1	1		
		2006	432	431	100	87	3	7	1	3	0		
		2007	432	430	100	89	3	6	0	1	1		
		2008	498	496	100	88	0	8	1	2	0		
		Dominica		1995	5	—	—	—	—	—	—	—	—
				2000	—	—	—	—	—	—	—	—	—
2005	—			—	—	—	—	—	—	—	—		
2006	8			8	100	25	25	0	0	33	50		
2008	3			3	100	67	0	0	0	0	0		
Dominican Republic		1995	2 787	2 007	72	43	21	5	2	13	16		
		2000	2 907	2 760	95	37	34	5	2	19	4		
		2005	2 949	2 697	91	80	5	4	2	7	3		
		2006	2 658	2 356	89	73	5	3	1	6	12		
		2007	2 373	2 373	100	72	5	3	1	8	10		
		2008	2 458	2 458	100	71	4	3	1	8	12		
		Ecuador		1995	5 890	5 236	89	—	39	2	8	14	37
				2000	5 064	—	—	—	—	—	—	—	—
2005	3 048			2 150	71	81	3	3	3	6	5		
2006	3 182			3 182	100	58	3	2	2	6	29		
2008	3 448			3 448	100	72	3	3	3	6	12		
El Salvador		1995	—	—	—	—	—	—	—	—	—		
		2000	1 008	1 008	100	78	1	7	1	5	8		
		2005	1 059	1 059	100	91	0	4	1	2	1		
		2006	913	913	100	90	1	4	2	3	0		
		2008	985	985	100	91	1	5	1	3	0		
Grenada		1995	2	—	—	—	—	—	—	—	—		
		2000	0	—	—	—	—	—	—	—	—		
		2005	—	6	—	67	—	33	—	—	0		
		2006	1	—	—	—	—	—	—	—	—		
		2008	5	6	120	33	100	67	—	—	0		

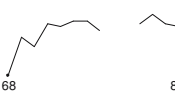
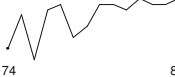
^a TREATMENT SUCCESS = percent cured + percent completed then rounded to the nearest digit.

TABLE A2.4 Treatment outcomes, new smear-positive cases, 1995–2008

	TREATMENT SUCCESS (%)* 1995–2008	YEAR	NUMBER NOTIFIED	SIZE OF COHORT	COHORT AS % NOTIFIED	% OF COHORT					
						CURED	COMPLETED	DIED	FAILED	DEFAULTED	NOT EVALUATED
Guatemala		1995	2 368	2 368	100	56	5	3	1	4	31
		2000	2 052	1 908	93	75	11	5	1	7	1
		2005	2 420	–	–	–	–	–	–	–	–
		2006	2 501	2 501	100	42	4	3	1	4	45
		2007	2 348	1 920	82	78	7	5	2	8	2
Guyana		2008	2 070	2 070	100	79	4	5	1	9	2
		1995	85	296	348	10	34	11	1	38	6
		2000	119	119	100	43	13	12	5	24	3
		2005	240	257	107	2	57	7	–	26	9
		2006	294	280	95	4	60	4	1	27	4
Haiti		2007	233	309	133	10	61	7	2	14	6
		2008	320	340	106	14	55	5	2	16	8
		1995	–	3 081	–	–	70	4	1	21	3
		2000	5 887	5 887	100	57	14	5	1	13	10
		2005	7 340	7 340	100	72	8	6	1	7	6
Honduras		2006	7 461	7 461	100	73	8	6	1	8	5
		2007	7 915	7 915	100	71	11	5	1	7	5
		2008	8 171	–	–	–	–	–	–	–	–
		1995	2 306	2 226	97	39	25	7	0	4	25
		2000	3 404	2 362	69	81	5	6	1	5	3
Jamaica		2005	2 069	1 905	92	81	7	5	0	4	3
		2006	2 018	1 944	96	78	7	5	0	5	4
		2007	1 974	1 830	93	80	5	6	0	5	4
		2008	1 897	1 888	100	80	6	5	1	6	3
		1995	93	93	100	2	65	10	1	17	5
Mexico		2000	90	99	110	5	40	23	0	11	20
		2005	53	53	100	4	53	13	0	26	4
		2006	61	61	100	8	33	18	0	39	2
		2007	78	78	100	14	42	15	0	8	21
		2008	78	78	100	13	51	10	0	10	15
Nicaragua		1995	9 220	9 220	100	69	6	4	3	12	6
		2000	11 676	11 538	99	64	12	6	1	9	8
		2005	11 997	12 172	101	71	6	5	1	6	11
		2006	11 874	11 564	97	74	6	6	1	6	7
		2007	11 531	11 432	99	78	5	6	1	6	3
Panama		2008	11 903	11 840	99	81	4	6	1	5	3
		1995	1 568	1 536	98	66	14	4	2	10	4
		2000	1 471	1 437	98	70	13	5	1	9	2
		2005	1 253	1 496	119	73	13	5	2	6	3
		2006	1 285	2 504	195	48	41	3	1	5	3
Paraguay		2007	1 453	1 708	118	72	14	3	1	6	3
		2008	1 394	1 481	106	73	16	3	1	7	0
		1995	1 066	1 388	130	10	60	14	1	13	3
		2000	460	460	100	27	33	7	2	22	10
		2005	860	873	102	68	12	8	0	10	1
Peru		2006	858	853	99	66	13	6	1	12	1
		2007	833	858	103	61	18	6	0	14	1
		2008	829	883	107	67	13	7	0	13	0
		1995	748	748	100	8	43	3	0	17	29
		2000	900	900	100	21	45	5	0	22	7
Puerto Rico		2005	1 260	1 452	115	46	33	5	–	8	7
		2006	1 452	1 452	100	46	33	5	–	8	7
		2007	1 276	1 279	100	64	19	5	0	7	5
		2008	1 345	1 350	100	68	12	5	0	6	8
		1995	32 096	28 185	88	75	9	3	2	6	6
Saint Kitts and Nevis		2000	22 580	22 230	98	90	0	2	2	3	4
		2005	18 490	14 793	80	91	2	2	2	4	1
		2006	19 251	19 251	100	75	3	2	2	3	15
		2007	17 796	14 056	79	87	5	2	2	4	1
		2008	17 989	14 805	82	78	4	3	1	6	8
Saint Lucia		1995	128	128	100	68	23	8	2	8	2
		2000	81	81	100	64	31	5	0	5	0
		2005	60	60	100	75	0	22	0	3	0
		2006	69	69	100	80	0	19	0	1	0
		2007	56	56	100	86	0	9	0	2	4
Saint Vincent and the Grenadines		2008	52	43	83	0	63	33	0	5	0
		1995	4	5	125	20	40	20	0	20	0
		2000	0	–	–	–	–	–	–	–	–
		2005	0	–	–	–	–	–	–	–	–
		2006	1	2	200	–	100	–	–	–	–
Saint Vincent and the Grenadines		2007	4	4	100	0	25	50	0	0	25
		2008	5	5	100	80	0	0	0	0	20
		1995	11	–	–	–	–	–	–	–	–
		2000	7	8	114	88	13	0	0	0	0
		2005	11	13	118	15	54	31	0	0	0
Suriname		2006	13	20	154	15	65	20	0	0	0
		2007	18	19	106	11	74	11	0	5	0
		2008	18	18	100	28	67	6	0	0	0
		1995	5	–	–	–	–	–	–	–	–
		2000	9	13	144	100	0	0	0	0	0
Trinidad and Tobago		2005	6	–	–	–	–	–	–	–	
		2006	8	8	100	25	50	0	13	13	0
		2007	4	–	–	–	–	–	–	–	
		2008	11	4	36	–	100	0	0	0	0
		1995	51	–	–	10	4	12	8	67	–
United States of America		2000	37	37	100	49	19	16	0	14	3
		2005	49	–	–	–	–	–	–	–	
		2006	63	–	–	–	–	–	–	–	
		2007	–	–	–	–	–	–	–	–	
		2008	68	71	104	0	59	13	0	24	4
Trinidad and Tobago		1995	7	78	1 114	49	21	19	1	10	0
		2000	115	194	169	22	46	11	2	6	13
		2005	95	106	112	68	4	12	–	16	0
		2006	149	169	113	53	4	12	1	30	0
		2007	130	144	111	61	4	15	2	18	0
United States of America		2008	169	169	100	65	2	15	4	14	0
		1995	8 093	8 116	100	76	15	9	2	4	6
		2000	5 883	5 901	100	83	11	–	–	3	3
		2005	5 111	5 111	100	64	8	–	–	2	27
		2006	5 091	5 140	101	64	9	–	–	25	–
Trinidad and Tobago		2007	4 864	3 717	76	85	9	–	–	4	–
		2008	4 742	3 709	78	85	9	–	–	2	5

* TREATMENT SUCCESS = percent cured + percent completed then rounded to the nearest digit.

TABLE A2.4 Treatment outcomes, new smear-positive cases, 1995–2008

	TREATMENT SUCCESS (%) ^a 1995–2008	YEAR	NUMBER NOTIFIED	SIZE OF COHORT	COHORT AS % NOTIFIED	% OF COHORT					
						CURED	COMPLETED	DIED	FAILED	DEFAULTED	NOT EVALUATED
Uruguay		1995	349	370	106	41	27	10	1	4	17
		2000	348	344	99	85	0	13	1	1	0
		2005	355	345	97	80	4	11	0	4	1
		2006	305	301	99	82	5	9	0	3	1
		2007	380	373	98	82	2	11	0	6	0
		2008	424	422	100	77	7	9	1	5	2
Venezuela (Bolivarian Republic of)		1995	3 056	3 056	100	68	6	4	1	8	13
		2000	3 525	3 390	96	76	0	4	0	13	6
		2005	3 653	3 581	98	83	0	5	0	10	2
		2006	3 547	3 497	99	82	0	5	0	11	2
		2007	3 392	3 336	98	82	0	5	0	11	2
		2008	3 344	3 301	99	83	0	4	0	11	1

^a TREATMENT SUCCESS = percent cured + percent completed then rounded to the nearest digit.

TABLE A2.5 Treatment outcomes, retreatment cases, 1995–2008

	TREATMENT SUCCESS (%)* 1995–2008	YEAR	NUMBER NOTIFIED	SIZE OF COHORT	COHORT AS % NOTIFIED	% OF COHORT					
						CURED	COMPLETED	DIED	FAILED	DEFAULTED	NOT EVALUATED
Antigua and Barbuda		1995			–						
		2000	0		–						
		2005	0		–						
		2006	0		–						
		2007	0		–						
		2008	0	0	–						
Argentina		1995			–						
		2000	1 828		–						
		2005	809	1 615	200	7	26	5	0	9	53
		2006	509	750	147	11	31	6	1	13	37
		2007	618	1 083	175	14	29	6	1	16	34
	25	2008	1 392	374	27	10	16	6	1	9	59
Bahamas		1995	1		–						
		2000	0		–						
		2005			–						
		2006		5	–	0	20	20	40	20	0
		2007	3	1	33	0	100	0	0	0	0
	33	2008	4	3	75	0	33	33	0	0	33
Barbados		1995			–						
		2000	0		–						
		2005			–						
		2006	0	0	–	–	–	–	–	–	–
		2007	0	0	–	–	–	–	–	–	–
		2008	0	0	–	–	–	–	–	–	–
Belize		1995	4	13	325	23	0	23	8	38	8
		2000	6		–						
		2005	15	14	93	57	29	14	0	0	0
		2006	9		–						
		2007	7		–						
	23	2008	5	0	0	–	–	–	–	–	–
Bolivia (Plurinational State of)		1995	63	462	733	57	9	7	5	15	7
		2000	2 081	804	39	49	11	12	2	8	16
		2005	772	772	100	63	3	5	3	7	19
		2006	694	694	100	66	4	5	2	10	13
		2007	652	652	100	73	3	4	2	10	9
	66	2008	590	590	100	72	4	8	2	7	7
Brazil		1995			–						
		2000	11 334	7 859	69	30	10	4	0	14	41
		2005	9 637	9 479	98	26	22	7	2	19	25
		2006	8 935	9 893	111	11	36	6	1	19	27
		2007	8 634	9 519	110	18	33	8	1	23	17
	50	2008	11 164	9 494	85	18	32	8	2	25	15
Canada		1995	195		–						
		2000	145	145	100	16	16	6	1	2	60
		2005	103	106	103	8	59	7	0	3	23
		2006	125	130	104	8	41	10	0	3	38
		2007	109	110	101	4	59	6	2	3	26
	74	2008	122	125	102	6	68	10		0	16
Chile		1995	225		–						
		2000	158	150	95	32	26	8	1	18	15
		2005	314	140	45	69	3	14	1	9	3
		2006	176	100	57	47	19	10	2	14	8
		2007	226	212	94	29	3	3	0	9	58
	22	2008	219	231	105	22		8	1	10	59
Colombia		1995			–						
		2000	339		–						
		2005	443	0	0	–	–	–	–	–	–
		2006	432		–						
		2007	423		–						
		2008	413		–						
Costa Rica		1995	0		–						
		2000	35	69	197	23	9	10	3	25	30
		2005	45	49	109	55	12	4	2	24	2
		2006	40	34	85	59	9	9	3	21	0
		2007	42	34	81	59	9	9	3	21	0
	84	2008	24	32	133	56	28	3		6	6
Cuba		1995	54	55	102	82	0	7	5	5	0
		2000	172	58	34	78	7	10	3	2	0
		2005	49	48	98	67		6	4	2	21
		2006	49	59	120	66	17	8		5	3
		2007	59	58	98	83		14		3	0
	82	2008	60	56	93	64	16	18	0	2	0
Dominica		1995	3		–						
		2000			–						
		2005			–						
		2006	0		–						
		2007	0	1	–	0	0	0	0	100	0
		2008	4	0	0	–	–	–	–	–	–
Dominican Republic		1995	204		–						
		2000	610	498	82	29	26	3	4	27	11
		2005	729	530	73	56	5	7	8	19	6
		2006	596	428	72	43	5	5	6	20	22
		2007	565	565	100	34	4	4	5	16	37
		2008	497	497	100	0	0	0	0	0	100
Ecuador		1995			–						
		2000	386		–						
		2005	795	554	70	56	8	5	10	12	9
		2006	743	739	99	45	11	5	7	13	20
		2007	831	831	100	39	8	5	7	10	31
	69	2008	778	778	100	61	8	7	8	15	0
El Salvador		1995			–						
		2000	271	181	67	63	3	9	3	18	3
		2005	114	114	100	68	0	6	4	13	8
		2006	136	136	100	76	0	4	4	7	9
		2007	86	86	100	81	1	3	0	14	0
	84	2008	86	86	100	84	0	8	0	5	3
Grenada		1995			–						
		2000	0		–						
		2005			–						
		2006	0		–						
		2007	0		–						
		2008	1	0	0						

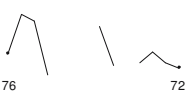

* TREATMENT SUCCESS = percent cured + percent completed then rounded to the nearest digit.

TABLE A2.5 Treatment outcomes, retreatment cases, 1995–2008

	TREATMENT SUCCESS (%) ^a 1995–2008	YEAR	NUMBER NOTIFIED	SIZE OF COHORT	COHORT AS % NOTIFIED	% OF COHORT					
						CURED	COMPLETED	DIED	FAILED	DEFAULTED	NOT EVALUATED
Guatemala		1995	249	254	102	59	15	4	2	4	17
		2000	141	164	116	63	16	4	4	10	2
		2005	159	—	—	—	—	—	—	—	—
		2006	161	—	—	—	—	—	—	—	—
		2007	197	199	101	65	8	5	7	11	5
Guyana		1995	2	—	—	—	—	—	—	—	—
		2000	84	38	45	24	29	13	5	26	3
		2005	25	23	92	22	35	9	9	13	13
		2006	62	64	103	5	27	3	3	45	17
		2007	78	95	122	3	51	12	4	26	4
Haiti		1995	117	146	125	4	22	10	2	24	38
		2000	—	—	—	—	—	—	—	—	—
		2005	346	55	16	42	15	5	7	22	9
		2006	228	228	100	63	7	3	0	13	14
		2007	309	309	100	58	8	8	5	13	8
Honduras		2008	374	367	98	59	10	10	3	10	8
		2008	373	—	—	—	—	—	—	—	—
		1995	100	—	—	—	—	—	—	—	—
		2000	236	180	76	44	10	8	2	6	29
		2005	181	169	93	59	9	6	2	17	7
Jamaica		2006	173	153	88	66	5	10	1	12	5
		2007	189	189	100	0	100	0	0	0	0
		2008	184	145	79	65	6	10	3	14	3
		1995	2	6	300	0	67	17	0	17	0
		2000	13	—	—	—	—	—	—	—	—
Mexico		2005	5	5	100	—	20	—	—	80	0
		2006	5	5	100	0	80	0	0	20	0
		2007	2	0	0	—	—	—	—	—	—
		2008	3	3	100	0	67	0	0	33	0
		1995	—	—	—	—	—	—	—	—	—
Nicaragua		2000	1 335	138	10	33	4	8	7	12	36
		2005	2 026	1 456	72	48	7	7	4	14	20
		2006	1 570	1 384	88	52	7	9	5	14	14
		2007	1 656	1 806	109	58	8	5	9	13	7
		2008	1 370	1 829	134	55	7	11	4	11	11
Panama		1995	167	289	173	69	10	4	3	11	3
		2000	159	230	145	65	10	6	2	15	2
		2005	268	181	68	71	12	7	2	7	2
		2006	235	0	0	—	—	—	—	—	—
		2007	296	228	77	72	6	5	3	9	5
Paraguay		2008	167	150	90	97	0	0	0	3	0
		1995	108	—	—	—	—	—	—	—	—
		2000	134	42	31	19	24	2	0	48	7
		2005	247	237	96	23	35	9	4	22	7
		2006	271	285	105	14	43	15	2	26	1
Peru		2007	228	233	102	19	30	11	2	36	2
		2008	191	238	125	16	30	9	2	42	1
		1995	28	—	—	—	—	—	—	—	—
		2000	530	144	27	19	40	6	1	25	9
		2005	273	164	60	44	26	4	—	10	16
Puerto Rico		2006	164	164	100	44	26	4	—	10	16
		2007	163	160	98	49	21	4	1	14	11
		2008	154	164	106	46	14	9	1	10	21
		1995	—	—	—	—	—	—	—	—	—
		2000	4 381	4 521	103	78	0	4	7	6	4
Saint Kitts and Nevis		2005	4 989	2 299	46	78	—	5	5	11	1
		2006	5 477	1 786	33	70	3	3	3	9	11
		2007	5 141	2 201	43	74	7	3	3	11	1
		2008	4 534	—	—	—	—	—	—	—	—
		1995	—	—	—	—	—	—	—	—	—
Saint Lucia		2000	0	113	—	—	73	23	0	4	1
		2005	0	0	—	—	—	—	—	—	—
		2006	0	0	—	—	—	—	—	—	—
		2007	0	0	—	—	—	—	—	—	—
		2008	0	0	—	—	—	—	—	—	—
Saint Vincent and the Grenadines		1995	—	—	—	—	—	—	—	—	—
		2000	3	1	33	100	0	0	0	0	0
		2005	2	—	—	—	—	—	—	—	—
		2006	2	—	—	—	—	—	—	—	—
		2007	1	1	100	100	0	0	0	0	0
Suriname		2008	1	1	100	0	0	0	100	0	0
		1995	4	—	—	—	—	—	—	—	—
		2000	3	3	100	100	0	0	0	0	0
		2005	0	—	—	—	—	—	—	—	—
		2006	7	6	86	—	—	—	—	33	67
Trinidad and Tobago		2007	6	—	—	—	—	—	—	—	—
		2008	4	4	100	0	0	0	0	100	0
		1995	—	—	—	—	—	—	—	—	—
		2000	1	—	—	—	—	—	—	—	—
		2005	8	—	—	—	—	—	—	—	—
United States of America		2006	11	—	—	—	—	—	—	—	—
		2007	—	—	—	—	—	—	—	—	—
		2008	7	3	43	0	33	0	0	33	33
		1995	22	—	—	—	—	—	—	—	—
		2000	31	22	71	23	45	14	9	9	0
Tobago		2005	22	21	95	19	38	29	—	14	0
		2006	27	27	100	41	4	22	0	33	0
		2007	52	51	98	27	2	37	0	31	2
		2008	47	47	100	32	4	11	6	47	0
		1995	—	—	—	—	—	—	—	—	—
Trinidad and Tobago		2000	—	—	—	—	—	—	—	—	—
		2005	—	—	—	—	—	—	—	—	—
		2006	—	—	—	—	—	—	—	—	—
		2007	—	—	—	—	—	—	—	—	—
		2008	0	—	—	—	—	—	—	—	—

^a TREATMENT SUCCESS = percent cured + percent completed then rounded to the nearest digit.

TABLE A2.5 Treatment outcomes, retreatment cases, 1995–2008

	TREATMENT SUCCESS (%) ^a 1995–2008	YEAR	NUMBER NOTIFIED	SIZE OF COHORT	COHORT AS % NOTIFIED	% OF COHORT					
						CURED	COMPLETED	DIED	FAILED	DEFAULTED	NOT EVALUATED
Uruguay		1995	20	25	125	56	20	16	0	8	0
		2000	39		–						
		2005	19	30	158	57	17	13	3	7	3
		2006	44	38	86	74	3	11	0	11	3
		2007	47	45	96	69	4	20	0	4	2
	76	72	56	57	102	60	12	14	0	14	0
Venezuela (Bolivarian Republic of)		1995	272		–						
		2000	377		–						
		2005	350	247	71	80		4	2	12	2
		2006	391	257	66	77	0	8	1	11	3
		2007	351	248	71	79	0	6	2	12	1
	–	84	432	227	53	84	0	5	1	10	0

^a TREATMENT SUCCESS = percent cured + percent completed then rounded to the nearest digit.

TABLE A.6 HIV testing and provision of CPT, ART and IPT, 2005–2009

	% OF TB PATIENTS WITH KNOWN HIV STATUS 2005–2009	YEAR	% OF TB PATIENTS WITH KNOWN HIV STATUS	NUMBER OF TB PATIENTS WITH KNOWN HIV STATUS	PATIENTS NOTIFIED (NEW AND RETREAT) ^a	NUMBER OF HIV-POSITIVE TB PATIENTS	% OF TESTED TB PATIENTS HIV-POSITIVE	% OF HIV-POSITIVE TB PATIENTS ON CPT	% OF HIV-POSITIVE TB PATIENTS ON ART	NUMBER OF HIV-POSITIVE PEOPLE PROVIDED IPT
Antigua and Barbuda	100	2005	100	6	6	3	50	100	100	0
		2006	100	4	4	3	75	100	100	0
		2007	100	2	2	0	0	–	–	0
		2008	100	1	1	0	0	–	–	0
Argentina	80	2005	–	–	11 242	–	–	–	–	–
		2006	2	229	10 132	221	97	–	–	–
		2007	3	326	10 683	314	96	–	–	–
		2008	7	715	10 450	375	52	84	84	–
Bahamas	100	2005	–	–	–	–	–	–	–	–
		2006	–	61	–	33	54	–	–	–
		2007	98	47	48	12	26	–	33	–
		2008	88	45	51	17	38	59	65	2
Barbados	100	2005	100	46	46	15	33	40	60	–
		2006	–	–	–	–	–	–	–	–
		2007	–	8	5	2	25	–	–	–
		2008	100	5	5	2	40	100	100	–
Belize	100	2005	100	3	3	2	67	100	100	0
		2006	100	8	8	2	25	100	100	10
		2007	100	5	5	2	40	100	100	–
		2008	100	3	3	2	67	100	100	0
Bolivia (Plurinational State of)	95	2005	100	2	2	–	–	–	–	0
		2006	100	106	106	25	24	68	68	409
		2007	97	84	87	10	12	10	50	26
		2008	100	63	63	10	16	100	100	10
Brazil	0	2005	0	0	9 973	0	–	–	–	50
		2006	–	–	9 200	–	–	–	–	–
		2007	4	360	8 701	1	0	–	100	–
		2008	5	485	9 224	19	4	84	16	–
Canada	59	2005	12	1 105	9 128	38	3	21	76	–
		2006	59	51 552	87 223	8 249	16	–	85	674
		2007	63	52 115	83 293	7 792	15	–	100	–
		2008	50	40 001	80 461	8 613	22	–	90	–
Chile	26	2005	47	39 744	85 159	8 668	22	–	92	–
		2006	26	414	1 616	63	15	–	–	–
		2007	27	441	1 621	62	14	–	–	–
		2008	33	505	1 547	63	12	–	–	–
Colombia	53	2005	32	581	1 601	73	13	–	–	–
		2006	2	61	2 559	61	100	–	–	–
		2007	–	–	2 492	–	–	–	–	–
		2008	–	–	2 494	–	–	–	–	–
Costa Rica	67	2005	–	–	2 516	–	–	–	–	–
		2006	53	5 537	10 360	353	6	–	–	–
		2007	70	7 828	11 128	453	6	–	80	–
		2008	54	5 921	10 950	51	1	0	792	–
Cuba	93	2005	44	4 540	11 344	956	21	–	–	0
		2006	67	374	560	50	13	–	84	–
		2007	67	345	512	38	11	–	–	–
		2008	89	502	565	43	9	0	–	–
Dominican Republic	1	2005	104	491	511	44	9	–	–	–
		2006	93	729	781	–	–	–	–	–
		2007	9	66	765	4	6	0	400	297
		2008	7	51	773	1	2	0	1 300	–
Ecuador	0	2005	84	698	831	71	10	–	17	–
		2006	96	687	717	46	7	0	67	1 561
		2007	84	476	457	41	9	–	–	–
		2008	104	476	457	41	9	–	–	–
El Salvador	84	2005	–	–	–	–	–	–	–	–
		2006	21	4	19	0	0	–	–	0
		2007	33	1	3	0	0	–	–	1
		2008	19	3	16	2	67	100	50	0
Grenada	–	2005	80	4	5	1	25	0	100	2
		2006	1	78	5 312	3	4	–	–	953
		2007	37	1 771	4 819	218	12	–	–	1 033
		2008	37	1 609	4 361	337	21	–	–	848
Guatemala	16	2005	48	2 147	4 468	299	14	–	–	443
		2006	–	–	4 442	–	–	–	–	–
		2007	32	1 672	5 262	324	19	0	100	–
		2008	18	959	5 202	402	42	–	100	3
Guyana	70	2005	45	2 262	5 026	443	20	–	100	–
		2006	84	1 544	1 830	188	12	20	38	–
		2007	97	1 631	1 679	176	11	13	36	–
		2008	93	1 566	1 692	210	13	51	37	110
Haiti	35	2005	95	1 655	1 746	194	12	53	47	–
		2006	95	1 650	1 736	204	12	28	35	97
		2007	–	–	–	–	–	–	–	–
		2008	–	–	–	–	–	–	–	–

^a Data presented as of 31 August 2010. Notification data for European Union countries were not available.

TABLE A.6 HIV testing and provision of CPT, ART and IPT, 2005–2009

		% OF TB PATIENTS WITH KNOWN HIV STATUS 2005–2009	YEAR	% OF TB PATIENTS WITH KNOWN HIV STATUS	NUMBER OF TB PATIENTS WITH KNOWN HIV STATUS	PATIENTS NOTIFIED (NEW AND RETREAT) ^a	NUMBER OF HIV-POSITIVE TB PATIENTS	% OF TESTED TB PATIENTS HIV-POSITIVE	% OF HIV-POSITIVE TB PATIENTS ON CPT	% OF HIV-POSITIVE TB PATIENTS ON ART	NUMBER OF HIV-POSITIVE PEOPLE PROVIDED IPT	
Honduras		44	55	2005	44	1 455	3 333	200	14	–	0	
				2006	56	1 787	3 197	202	11	–	190	
				2007	59	1 753	2 961	183	10	–	–	
Jamaica		83	64	2008	56	1 595	2 862	205	13	100	153	
				2009	55	1 619	2 957	192	12	–	96	
				2005	83	79	95	28	35	43	54	
Mexico		7	21	2006	83	81	98	25	31	64	72	
				2007	83	86	104	19	22	63	63	
				2008	82	86	105	16	19	63	100	0
Nicaragua		27	45	2009	64	96	150	29	30	–	–	
				2005	7	1 382	19 932	217	16	–	–	
				2006	6	1 047	18 710	540	52	–	–	
Panama		86	86	2007	14	2 627	19 385	866	33	78	17	
				2008	35	6 878	19 406	581	8	100	38	1 490
				2009	21	4 196	19 773	945	23	100	23	676
Paraguay		27	45	2005	27	556	2 076	30	5	–	–	
				2006	0	0	2 105	0	–	–	–	
				2007	0	0	2 441	0	–	–	656	
Peru		2	10	2008	45	1 062	2 336	28	3	100	100	
				2009	45	1 081	2 413	30	3	100	100	60
				2005	86	1 569	1 828	200	13	–	10	400
Puerto Rico		86	86	2006	100	1 854	1 847	270	15	–	21	
				2007	73	1 301	1 773	238	18	–	40	8
				2008	89	1 540	1 725	275	18	–	13	16
Saint Kitts and Nevis		86	86	2009	86	1 494	1 729	107	7	–	100	196
				2005	–	–	2 348	–	–	–	–	–
				2006	2	47	2 641	47	100	–	–	
Saint Lucia		7	100	2007	4	97	2 420	97	100	–	–	
				2008	4	103	2 370	88	85	0	66	0
				2009	10	239	2 427	133	56	0	54	0
Saint Vincent and the Grenadines		2	36	2005	2	668	35 541	668	100	–	1 214	
				2006	14	5 200	36 643	31	1	–	48	–
				2007	54	18 575	34 534	860	5	0	3	1 519
Suriname		2	36	2008	32	10 636	33 667	775	7	0	17	2 137
				2009	36	11 893	33 169	697	6	–	17	1 361
				2005	82	93	113	28	30	–	–	–
Trinidad and Tobago		82	94	2006	90	101	112	20	20	30	50	
				2007	95	93	98	21	23	29	29	
				2008	96	91	95	23	25	17	9	
United States of America		82	94	2009	94	59	63	8	14	38	38	0
				2005	–	–	2	–	–	–	–	–
				2006	–	–	1	–	–	–	–	–
Uruguay		7	100	2007	50	2	4	2	100	–	–	
				2008	–	–	5	–	–	–	–	–
				2009	100	4	4	0	0	–	–	–
Venezuela (Bolivarian Republic of)		7	100	2005	7	1	14	0	0	–	–	
				2006	100	15	15	0	–	–	–	
				2007	100	19	19	2	11	50	100	0
Zimbabwe		86	86	2008	86	18	21	4	22	0	100	0
				2009	92	11	12	4	36	–	100	0
				2005	100	7	7	1	14	0	0	–
Zambia		100	118	2006	105	20	19	5	25	100	40	0
				2007	67	12	18	7	58	100	71	0
				2008	100	15	15	6	40	–	33	–
Zimbabwe		100	118	2009	118	13	11	7	54	–	14	1
				2005	73	87	119	20	23	–	10	–
				2006	–	–	136	24	–	–	–	–
Zimbabwe		73	82	2007	–	–	–	–	–	–	–	
				2008	89	101	113	28	28	7	32	–
				2009	82	154	188	49	32	12	51	–
Zimbabwe		69	94	2005	69	124	179	42	34	29	36	0
				2006	99	250	253	13	5	100	277	4
				2007	100	260	260	78	30	14	22	17
Zimbabwe		69	94	2008	100	322	322	73	23	14	49	6
				2009	94	306	324	95	31	23	18	4
				2005	59	8 273	14 080	1 035	13	–	–	–
Zimbabwe		59	61	2006	60	8 234	13 779	960	12	–	–	
				2007	62	8 302	13 299	883	11	–	–	–
				2008	63	8 177	12 904	826	10	–	–	–
Zimbabwe		59	61	2009	61	7 043	11 545	706	10	–	–	
				2005	92	574	626	74	13	0	–	–
				2006	94	539	571	81	15	–	27	–
Zimbabwe		92	95	2007	94	582	616	88	15	0	25	
				2008	96	686	711	100	15	0	19	–
				2009	95	666	704	109	16	0	17	–
Zimbabwe		39	73	2005	39	2 678	6 950	392	15	–	39	
				2006	47	3 224	6 839	400	12	0	47	110
				2007	54	3 549	6 559	468	13	0	34	109
Zimbabwe		39	73	2008	64	4 248	6 605	482	11	0	17	76
				2009	73	4 856	6 641	487	10	0	21	102

^a Data presented as of 31 August 2010. Notification data for European Union countries were not available.

TABLE A2.7 Testing for MDR-TB and number of confirmed cases of MDR-TB, 2005–2009

YEAR	TOTAL CONFIRMED CASES OF MDR-TB ^a	NEW CASES				PREVIOUSLY TREATED CASES				
		NOTIFIED	NUMBER OF NOTIFIED TESTED FOR MDR-TB	% OF NOTIFIED TESTED FOR MDR-TB	NUMBER OF CONFIRMED CASES OF MDR-TB	NOTIFIED	NUMBER OF NOTIFIED TESTED FOR MDR-TB	% OF NOTIFIED TESTED FOR MDR-TB	NUMBER OF CONFIRMED CASES OF MDR-TB	
Antigua and Barbuda	2005	0	6	0	0	0	0	–	0	
	2006	0	4	0	0	0	0	–	0	
	2007	0	2	0	0	0	0	–	0	
	2008	0	1	0	0	0	0	–	0	
	2009	0	3	0	0	2	1	50	0	
Argentina	2005	276	9 627	2 369	25	66	809	1 290	159	210
	2006		9 354		–		509		–	
	2007		9 593		–		618		–	
	2008	142	9 058		–	12	1 392		–	54
	2009	89	7 363		–		827		–	
Bahamas	2005				–				–	
	2006				–				–	
	2007	0	45	35	78	0	3	2	67	0
	2008	1	46	44	96	0	4	3	75	1
	2009	0	41	38	93	0	5	4	80	0
Barbados	2005				–				–	
	2006		5		–		0		–	
	2007	8	16	8	50	0	0	0	–	0
	2008	0	3	0	0	0	0	0	–	0
	2009	0	2	0	0	0	0	0	–	0
Belize	2005	0	91	0	0	0	15	3	20	0
	2006	0	78	0	0	0	9	0	0	0
	2007		56		–	0	7		–	
	2008		83		–	1	5		–	
	2009	1	82	1	1	1	12	0	0	0
Bolivia (Plurinational State of)	2005	63	9 201		–		772		–	
	2006		8 506		–	34	694		–	
	2007	35	8 049	0	0	0	652		–	
	2008	34	8 634		–		590	251	43	34
	2009	60	8 378		–		732	670	92	60
Brazil	2005	373	77 120		–		9 637	5 917	61	373
	2006	399	74 358		–		8 935		–	
	2007	832	71 827	336	0	275	8 634	656	8	557
	2008	339	70 494		–	35	11 164		–	37
	2009	449	71 700		–	397	9 818		–	52
Canada	2005	16	1 445	982	68	8	103	88	85	8
	2006	12	1 395	1 077	77	8	125	104	83	2
	2007	10	1 396	1 113	80	7	109	84	77	3
	2008	13	1 370	1 139	83	9	122	93	76	4
	2009	18	1 395	1 321	95	13	91		–	2
Chile	2005	6	2 319	49	2	0	314	226	72	6
	2006	7	2 337	105	4	0	176	115	65	7
	2007	7	2 266	98	4	2	226	236	104	5
	2008	5	2 275	71	3	1	219	219	100	4
	2009	23	2 210	56	3	3	306	221	72	20
Colombia	2005		9 917		–		443		–	
	2006	39	10 696	263	2	14	432	138	32	25
	2007	111	10 527	200	2	8	423	335	79	103
	2008	91	10 931	696	6	23	413	551	133	68
	2009	110	11 047	455	4	6	391	487	125	102
Costa Rica	2005	3	515	2	0	2	45	1	2	1
	2006	4	472		–		40	40	100	1
	2007	1	523		–	1	42		–	
	2008	0	487	0	0	0	24	28	117	0
	2009		426		–		31		–	
Cuba	2005	0	730	158	22	0	49	18	37	0
	2006	0	716	180	25	0	49	5	10	0
	2007	3	714	118	17	1	59	14	24	2
	2008	10	771	202	26	1	60	33	55	9
	2009	3	666	172	26	1	51	19	37	2
Dominica	2005				–				–	
	2006	0	19	0	0	0	0	0	–	0
	2007	0	3	0	0	0	0	0	–	0
	2008	0	12	0	0	0	4	0	0	0
	2009		4		–		1		–	
Dominican Republic	2005		4 583		–		729		–	
	2006		4 223		–	0	596		–	24
	2007		3 796		–		565		–	
	2008		3 971		–		497		–	
	2009	0	3 990	0	0	0	452	0	0	0
Ecuador	2005	253	4 013	117	3	12	795	502	63	241
	2006		4 177		–		743		–	
	2007	275	4 431	140	3	10	831	576	69	265
	2008	153	4 424	183	4	15	778	548	70	138
	2009	156	4 270		–	10	756		–	133
El Salvador	2005	12	1 716	12	1	7	114	14	12	7
	2006	2	1 543	0	0	0	136		–	
	2007	1	1 606	457	28	0	86	81	94	1
	2008	6	1 660	11	1	0	86	82	95	6
	2009	2	1 623	65	4	1	113	85	75	1
Grenada	2005				–				–	
	2006	0	1	0	0	0	0	0	–	0
	2007		3		–		0		–	
	2008		5	0	0		1	0	0	
	2009		5		–		0		–	
Guatemala	2005	20	3 264	20	1	20	159	40	25	20
	2006		3 513		–		161		–	
	2007	23	3 006	0	0	0	197	0	0	0
	2008	27	3 114	73	2	10	202	37	18	17
	2009	230	2 814	134	5	48	128	182	142	182
Guyana	2005		631		–		25		–	
	2006		685		–		62		–	
	2007	8	578	0	0	0	78	8	10	2
	2008	0	623	34	5	0	117	11	9	0
	2009	0	628	0	0	0	170		–	
Haiti	2005		14 116	53	0		228		–	
	2006		13 693		–		309		–	
	2007	39	13 824	0	0	0	374	0	0	39
	2008	43	14 289	0	0	0	373	43	12	43
	2009				–				–	

^a TOTAL CONFIRMED CASES OF MDR-TB includes cases with unknown previous treatment history (i.e. not included under NEW CASES or PREVIOUSLY TREATED CASES).

TABLE A2.7 Testing for MDR-TB and number of confirmed cases of MDR-TB, 2005–2009

YEAR	TOTAL CONFIRMED CASES OF MDR-TB ^a	NEW CASES			PREVIOUSLY TREATED CASES				
		NOTIFIED	NUMBER OF NOTIFIED TESTED FOR MDR-TB	% OF NOTIFIED TESTED FOR MDR-TB	NUMBER OF CONFIRMED CASES OF MDR-TB	NOTIFIED	NUMBER OF NOTIFIED TESTED FOR MDR-TB	% OF NOTIFIED TESTED FOR MDR-TB	NUMBER OF CONFIRMED CASES OF MDR-TB
Honduras	2005	0	3 152	3	0	3	181	0	0
	2006		3 024		–		173	–	–
	2007	4	2 772	0	0	0	189	78	41
	2008	10	2 678	0	0	0	184	112	61
2009	4	2 732	27	1	1	225	43	19	
Jamaica	2005	0	90	11	12	0	5	2	40
	2006	0	93	20	22	0	5	1	20
	2007	0	102	0	0	0	2	–	0
	2008	0	102	78	76	0	3	0	0
2009	0	130	67	52	0	20	–	–	
Mexico	2005	394	17 906	314	2	63	2 026	74	4
	2006	123	17 093	479	3	61	1 570	175	11
	2007	77	17 613	–	–	–	1 656	–	–
	2008	121	18 036	0	0	0	1 370	389	28
2009	11	18 127	1	0	1	1 535	11	1	
Nicaragua	2005	50	1 808	8	0	8	268	8	3
	2006	3	1 870	0	0	0	235	140	60
	2007	8	2 145	200	9	8	296	237	80
	2008	16	2 169	4	0	0	167	103	62
2009		2 131		–		282		–	
Panama	2005	5	1 581	29	2	3	247	48	19
	2006	10	1 576	57	4	10	271	–	5
	2007	5	1 545	20	1	5	228	15	7
	2008	5	1 482	33	2	1	191	4	2
2009	8	1 494	–	–	–	235	–	–	
Paraguay	2005	13	2 075	–	–	–	273	–	–
	2006	7	2 377	27	1	1	164	22	13
	2007	5	2 183	184	8	1	163	33	20
	2008	6	2 146	271	13	0	154	48	31
2009	6	2 250	64	3	2	177	46	26	
Peru	2005	2 748	30 226	–	–	–	4 989	2 336	47
	2006	893	31 166	876	3	736	5 477	1 123	21
	2007	945	29 393	171	1	114	5 141	1 198	23
	2008	1 074	29 133	243	1	155	4 534	1 178	26
2009	1 578	28 845	966	3	413	4 324	803	19	
Puerto Rico	2005	0	113	94	83	0	0	–	0
	2006	1	112	97	87	1	0	–	0
	2007	2	98	87	89	2	0	–	0
	2008	1	95	90	95	1	0	–	0
2009	0	63	54	86	0	0	1	–	
Saint Kitts and Nevis	2005	0	0	0	–	0	2	0	0
	2006		1		–			–	–
	2007	0	4	0	0	0	0	–	0
	2008	0	5	0	0	0	0	–	0
2009		4		–			–	–	
Saint Lucia	2005	0	12	0	0	0	2	0	0
	2006		13		–		2	–	–
	2007	0	18	0	0	0	1	0	0
	2008	0	20	0	0	0	1	0	0
2009	0	9	0	0	0	3	0	0	
Saint Vincent and the Grenadines	2005	6	7	6	86	6	0	–	0
	2006		12		–		7	–	–
	2007	0	12	0	0	0	6	0	0
	2008	0	11	0	0	0	4	0	0
2009		9		–		2	–	–	
Suriname	2005	1	111	49	44	1	8	0	0
	2006		123		–		11	–	–
	2007				–			–	–
	2008	1	106	44	42	1	7	3	43
2009	1	172	1	1	1	15	0	0	
Trinidad and Tobago	2005	3	157	0	0	0	22	3	14
	2006	1	226	18	8	0	27	5	19
	2007	0	208	208	100	0	52	40	77
	2008	0	275	6	2	0	47	3	6
2009	0	264	0	0	0	60	0	0	
United States of America	2005	124	14 080	10 445	74	124	–	–	–
	2006	111	13 779	9 722	71	91	–	–	–
	2007	119	13 299	9 274	70	98	0	479	–
	2008	103	12 904	8 868	69	86	–	408	–
2009	114	11 545	8 071	70	94	–	323	–	
Uruguay	2005		607		–		19	–	–
	2006	1	527	320	61	0	44	29	66
	2007	1	569	392	69	0	47	33	70
	2008	0	655	468	71	0	56	43	77
2009		667		–		37	–	–	
Venezuela (Bolivarian Republic of)	2005	21	6 600	163	2	13	350	15	4
	2006	22	6 448	30	0	1	391	104	27
	2007	3	6 208	19	0	0	351	76	22
	2008	8	6 173	13	0	1	432	117	7
2009	21	6 213	20	0	1	428	160	37	

^a TOTAL CONFIRMED CASES OF MDR-TB includes cases with unknown previous treatment history (i.e. not included under NEW CASES or PREVIOUSLY TREATED CASES).

TABLE A2.8 New smear-positive case notification by age and sex, 1995–2009

YEAR	MALE									FEMALE									MALE/FEMALE RATIO
	0–14	15–24	25–34	35–44	45–54	55–64	65+	UN-KNOWN	0–14	15–24	25–34	35–44	45–54	55–64	65+	UN-KNOWN			
Antigua and Barbuda	1995																	–	
	2000	0	0	0	0	0	0	1		1	1	0	0	0	0		0.3		
	2005				1	1					2						0.5		
	2009	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	–		
Argentina	1995																–		
	2000	97	278	594	402	419	368	330		121	544	479	262	230	179	216	1.2		
	2005	64	621	530	358	384	340	348		90	530	474	290	198	169	240	1.3		
	2009	44	546	483	348	327	303	297	9	63	434	406	257	185	137	199	1.4		
Bahamas	1995	3	3	5	7	4	2	2		0	1	7	2	0	0	1	2.4		
	2000	1	2	7	9	4	3	2		2	5	7	8	2	3	1	1.0		
	2005																–		
	2009	1	2	7	4	3	1	2	0	1	2	1	1	0	1	0	3.3		
Barbados	1995																–		
	2000	0	0	0	2	0	0	0		0	0	1	0	0	0	0	2.0		
	2005																–		
	2009	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	–		
Belize	1995	1	1	2	4	0	1	1		0	6	2	0	1	1	2	0.8		
	2000	2	5	7	2	6	3	5		0	2	1	2	4	1	4	2.1		
	2005	0	8	8	6	8	5	3		0	4	4	4	3	2	4	1.8		
	2009	2	7	9	12	10	6	8	0	3	2	7	6	3	2	5	1.9		
Bolivia (Plurinational State of)	1995																–		
	2000	166	1 182	797	518	466	340	366		191	831	588	334	254	192	233	1.5		
	2005	157	1 320	725	439	391	346	415		160	846	533	276	226	182	262	1.5		
	2009	106	1 225	703	393	385	343	429		158	795	502	217	225	161	295	1.5		
Brazil	1995																–		
	2000	1 894	7 268	11 568	11 906	8 623	5 085	4 494		1 859	6 719	7 215	5 395	3 582	2 384	2 496	1.7		
	2005	317	5 074	6 119	6 128	5 259	2 803	2 140		355	3 496	3 663	2 626	1 897	1 112	1 104	2.0		
	2009	328	4 621	6 399	5 291	5 058	2 846	1 994		352	2 880	3 326	2 271	1 758	1 077	1 011	2.1		
Canada	1995	1	28	31	60	34	41	70		7	33	28	22	12	18	51	1.5		
	2000	5	34	45	46	41	32	79		4	33	40	30	25	12	66	1.3		
	2005	3	37	45	44	40	20	68		6	28	40	27	24	13	37	1.5		
	2009	2	44	39	50	55	29	56	0	3	18	37	27	23	19	42	1.6		
Chile	1995	24	148	182	204	155	141	163		24	100	120	108	75	73	107	1.7		
	2000	6	81	160	198	150	132	126		10	66	96	70	54	58	83	2.0		
	2005	3	74	128	179	162	115	133		4	55	78	60	56	36	93	2.1		
	2009	7	85	141	147	169	109	140	0	8	51	67	68	52	49	59	2.3		
Colombia	1995																–		
	2000	246	763	1 030	963	743	610	746		194	587	758	523	381	304	510	1.6		
	2005	178	623	685	666	687	510	695		179	581	533	457	389	292	395	1.4		
	2009	124	697	754	651	692	569	838	0	121	575	582	434	423	304	447	1.5		
Costa Rica	1995	1	17	38	24	19	23	22		2	17	15	11	7	9	14	1.9		
	2000	14	31	53	62	39	28	49		13	21	33	24	20	23	24	1.7		
	2005	1	43	38	53	34	20	34		1	21	31	18	16	6	14	2.1		
	2009		26	49	27	26	24	29			27	22	12	10	8	11	2.0		
Cuba	1995	2	59	118	83	75	75	156		1	17	52	29	39	48	80	2.1		
	2000	0	71	167	90	74	55	75		2	9	22	26	22	23	39	3.7		
	2005	2	20	73	90	50	58	51		2	14	17	26	13	22	29	2.8		
	2009		16	57	72	70	42	65			10	13	16	13	14	30	3.4		
Dominica	1995																–		
	2000																–		
	2005																–		
	2009	0	0	1	1	0	0	1	0	0	0	0	0	0	1	0	3.0		
Dominican Republic	1995																–		
	2000	73	410	481	344	173	125	113		65	317	325	212	115	79	75	1.4		
	2005	43	399	483	386	228	123	105		57	339	332	209	119	72	54	1.5		
	2009	30	344	428	284	217	116	88	0	28	278	271	160	92	49	56	1.6		
Ecuador	1995																–		
	2000																–		
	2005	48	446	468	308	237	150	159		48	329	305	199	139	85	127	1.5		
	2009	40	485	519	296	297	212	230		49	342	312	162	141	99	146	1.7		
El Salvador	1995																–		
	2000	13	99	124	114	92	62	107		28	81	76	63	63	39	47	1.5		
	2005	5	97	140	128	104	74	117		6	85	82	59	50	42	70	1.7		
	2009	7	99	147	111	80	64	111	0	2	59	69	50	46	27	58	2.0		
Grenada	1995																–		
	2000																–		
	2005																–		
	2009				1		1					1					1.0		
Guatemala	1995	51	235	280	236	165	142	139		51	224	255	221	146	129	94	1.1		
	2000	36	220	236	216	177	112	140		41	199	167	175	135	87	111	1.2		
	2005	39	251	258	185	187	127	115		38	339	245	277	176	88	95	0.9		
	2009	121	144	168	117	122	91	88		116	148	149	99	107	73	66	1.1		
Guyana	1995	7	8	5	6	9	6	7		3	5	7	6	5	2	4	1.5		
	2000	4	20	19	14	7	6	9		1	11	8	7	5	5	3	2.0		
	2005	12	48	130	116	81	41	20		14	41	62	41	30	11	9	2.2		
	2009	9	21	48	61	60	11	20	0	3	21	26	22	12	8	8	2.3		
Haiti	1995																–		
	2000	67	836	898	613	350	147	118		96	914	857	513	275	132	71	1.1		
	2005	69	1 045	1 035	701	451	222	156		116	1 097	1 099	633	414	170	132	1.0		
	2009																–		
Honduras	1995	42	280	540	204	130	236	58		54	208	292	134	76	136	48	1.6		
	2000	30	123	371	246	277	214	43		25	21	269	258	270	160	38	1.3		
	2005	13	238	280	215	152	134	152		27	219	222	125	107	81	104	1.3		
	2009	13	227	269	177	155	131	168	0	17	167	172	124	80	73	108	1.5		
Jamaica	1995	2	9	14	9	11	8	9		2	7	6	5	5	2	2	2.1		
	2000	0	6	13	13	15	6	5		1	8	8	7	2	5	1	1.8		
	2005	0	4	6	6	10	6	7		0	1	5	4	0	1	3	2.8		
	2009	1	5	8	10	7	4	5	0	7	7	8	7	4	3	1	1.1		
Mexico	1995																–		
	2000	214	1 079	1 387	1 162	1 235	972	1 126		176	663	828	698	832	595	709	1.6		
	2005	100	1 095	1 376	1 314	1 238	1 042	1 288		125	771	733	710	784	637	784	1.6		
	2009	103	1 030	1 262	1 401	1 360	1 024	1 252	0	131	741	712	665	788	608	785	1.7		
Nicaragua	1995	23	178	172	175	126	96	92		24	176	215	98	83	64	46	1.2		
	2000	18	194	174	147	108	64	90		34	188	173	98	76	46	61	1.2		
	2005	17	163	159	116	106	61	79		23	135	122	103	61	54	47	1.3		
	2009																–		
Panama	1995	86	155	193	112	126	42	83		72	120	111	75	57	16	40	1.6		
	2000	3	44	78	61	37	27	26		6	43	34	35	19	12	16	1.7		
	2005	5	76	129	129	84	57	49		11	73	81	62	33	30	41	1.6		

TABLE A2.8 New smear-positive case notification by age and sex, 1995–2009

	YEAR	MALE								FEMALE								MALE/FEMALE RATIO
		0–14	15–24	25–34	35–44	45–54	55–64	65+	UN-KNOWN	0–14	15–24	25–34	35–44	45–54	55–64	65+	UN-KNOWN	
Peru	1995	147	1 311	849	454	322	200	216		149	1 005	660	373	259	162	152		1.3
	2000	552	5 290	2 875	1 546	1 041	801	796		633	3 686	2 472	1 156	609	499	624		1.3
	2005	371	3 802	2 670	1 513	1 075	641	708		375	2 674	2 111	1 046	699	333	472		1.4
	2009																	–
Puerto Rico	1995	4	3	12	20	15	9	19		1	2	6	5	7	4	9		2.4
	2000	0	1	4	19	9	10	14		1	4	5	3	7	1	3		2.4
	2005	0	4	4	7	9	7	7		0	3	2	5	4	1	7		1.7
	2009	0	0	0	7	6	3	2	0	0	2	3	1	2	1	3	0	1.5
Saint Kitts and Nevis	1995																	–
	2000																	–
	2005																	–
	2009	0	0	0	2	1	1	0	0	0	0	0	0	0	0	0	0	–
Saint Lucia	1995																	–
	2000	0	0	0	1	0	1	2		0	1	0	1	0	1	0		1.3
	2005	0	0	0	0	2	1	2		1	1	0	1	1	0	2		0.8
	2009	0	1	0	2	1	2	0	0	0	0	0	1	0	0	0	0	6.0
Saint Vincent and the Grenadines	1995																	–
	2000	0	1	0	4	2	0	1		1	0	0	0	0	0	0		8.0
	2005	0	0	0	2	1	0	2		0	0	1	0	1	0	0		2.5
	2009				2	1												–
Suriname	1995																	–
	2000	1	6	6	3	2	0	4		2	3	6	3	0	1	1		1.4
	2005	0	7	8	12	6	3	4		0	3	2	1	2	1	2		3.6
	2009	2	11	17	21	20	11	10	0	1	5	13	11	11	11	5	0	1.6
Trinidad and Tobago	1995	2	6	15	10	12	7	4		0	6	4	2	5	3	0		2.8
	2000	0	7	18	27	17	7	7		0	5	7	9	5	2	4		2.6
	2005	0	10	11	13	21	10	3		0	4	9	3	5	4	3		2.4
	2009	2	6	18	26	20	25	13	0	2	4	11	9	9	4	5	0	2.5
United States of America	1995	19	355	876	1 417	1 121	742	1 099		26	280	579	499	285	202	591		2.3
	2000	6	365	602	906	904	577	738		14	246	376	349	253	152	396		2.3
	2005	14	383	535	666	767	499	624		11	241	348	276	242	161	322		2.2
	2009	11	299	446	431	564	452	496	1	6	203	288	221	211	135	247	0	2.1
Uruguay	1995	4	28	40	35	49	38	50		2	21	26	18	12	9	17		2.3
	2000	0	36	48	45	41	30	34		2	28	22	21	13	12	16		2.1
	2005	1	42	48	39	45	34	36		1	33	30	17	9	8	12		2.2
	2009	1	43	64	50	57	42	38	0	4	21	32	22	14	6	15	0	2.6
Venezuela (Bolivarian Republic of)	1995																	–
	2000																	–
	2005	35	312	395	413	402	265	332		37	351	299	267	183	146	216		1.4
	2009	26	372	385	344	352	258	298	0	33	284	312	217	212	162	181	0	1.5

^a Data presented as of 31 August 2010. Notification data for countries that are members of the European Union were not available.

TABLE A2.9 Laboratories, NTP services, drug management, human resources and infection control, 2009

	LABORATORIES			FREE THROUGH NTP			DRUG MANAGEMENT			% OF STAFF TRAINED BY THE NTP (IN 2009) ^b			TB NOTIFICATION RATE PER 100 000 HEALTH-CARE WORKERS	
	SMAR/LABS PER 100K POPULATION	CULTURE/LABS PER 5M POPULATION	DST/LABS PER 10M POPULATION	SECOND-LINE AVAILABLE	NRL ^a	TB DIAGNOSIS	FIRST-LINE DRUGS	RIEAMP/IN-USED THROUGHOUT TREATMENT	% OF PATIENTS TREATED WITH FDC ^c	PAEDIATRIC FORMULATIONS PROCURED	MEDICAL OFFICERS	NURSES		HEALTH ASSISTANTS
Antigua and Barbuda	1.8	14.8	4.0	Out of country	Yes	Yes, all suspects	Yes	Yes	100	No				
Argentina				In and out of city	Yes	Yes, all suspects	Yes	Yes	0	Yes				
Bahamas				Out of country	Yes	Yes, all suspects	Yes	Yes	0	Yes				
Barbados				Out of country	No	Yes, all suspects	Yes	Yes	0	No				
Belize				Out of country	Yes	Yes, all suspects	Yes	Yes	100	Yes				
Bolivia (Plurinational State of)	5.2	13.2	1.0	Out of country	Yes	Yes, all suspects	Yes	Yes	0	Yes				
Brazil	2.1	5.6	2.3	In and out of city	Yes	Yes, all suspects	Yes	Yes	0	Yes				
Canada	1.7	14.7	0.6	In and out of city	Yes	Yes, all suspects	Yes	Yes	0	Yes				
Chile	5.3	140.6	0.9	In country	Yes	Yes, all suspects	Yes	Yes	93	Yes	4	9	0	5
Colombia				In country	Yes	Yes, all suspects	Yes	Yes	0	Yes				
Costa Rica				In country	Yes	Yes, all suspects	Yes	Yes	0	No				
Cuba				In country	Yes	Yes, all suspects	Yes	Yes	100	No				
Dominican Republic	2.0	3.5	1.0	Out of country	Yes	Yes, all suspects	Yes	Yes	80	No	5	8	1	15
Ecuador	2.3	5.9	0.7	In country	Yes	Yes, all suspects	Yes	Yes	0	No				
El Salvador	3.2	8.1	1.6	No	Yes	Yes, all suspects	Yes	Yes	100	Yes	100	100	100	407
Grenada	1.7	4.3	0.7	Out of country	No	Yes, all suspects	Yes	Yes	0	No				
Guatemala	2.8	6.6	0	In and out of city	Yes	Yes, all suspects	Yes	Yes	100	Yes	50	70	50	80
Guyana				No	Yes	Yes, all suspects	Yes	Yes	84	Yes	40	65		80
Haiti	1.9	3.3	1.3	In country	Yes	Yes, all suspects	Yes	Yes	100	Yes				63
Honduras	0.1	0	0	In country	Yes	Yes, all suspects	Yes	Yes	0	No	10	20	0	0
Jamaica	1.1	2.8	1.2	In and out of city	Yes	Yes, all suspects	Yes	Yes	100	No	70	80	60	100
Mexico	3.3	1.7	1.7	Out of country	Yes	Yes, all suspects	Yes	Yes	100	No	10	80	0	10
Nicaragua	1.7	11.6	2.9	No	Yes	Yes, all suspects	Yes	Yes	100	No				50
Paraguay	1.6	3.9	1.6	In country	Yes	Yes, all suspects	Yes	Yes	0	Yes	3	9	10	23
Peru				In country	Yes	Yes, all suspects	Yes	Yes	100	Yes				137
Puerto Rico				Out of country	Yes	Yes, all suspects	Yes	Yes	100	Yes				
Saint Kitts and Nevis				No	No	Yes, all suspects	Yes	Yes	100	No				
Saint Lucia				In and out of city	Yes	If TB is confirmed	Yes	Yes	100	No				
Saint Vincent and the Grenadines				Out of country	No	Yes, all suspects	Yes	Yes	0	No				
Suriname				Out of country	Yes	Yes, all suspects	Yes	Yes	0	Yes				
Trinidad and Tobago				No	Yes	Yes, all suspects	Yes	Yes	0	Yes				
United States of America				In country	Yes	Yes, all suspects	Yes	Yes	93	Yes				
Uruguay				No	Yes	Yes, all suspects	Yes	Yes	93	Yes				
Venezuela (Bolivarian Republic of)	2.0	3.3	0.3	In country	Yes	Yes, all suspects	Yes	Yes	85	Yes	90	82	62	52

^a NRL = national reference laboratory

^b FDC = fixed-dose combination

^c NURSES (Registered Nurses); ENROLLED MIDWIVES (Enrolled Midwives); HEALTH ASSISTANTS (Medical Assistants, Clinical Officers); LABORATORY TECHNICIANS (Microscopists)

Eastern Mediterranean Region



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Estimates of mortality, prevalence and incidence

Estimated values are shown as best estimates followed by lower and upper bounds. The lower and upper bounds are defined as the 2.5th and 97.5th centiles of outcome distributions produced in simulations. See ANNEX 1 for further details.

Estimated numbers are shown rounded to two significant figures. Estimated rates are shown rounded to three significant figures unless the value is under 100, in which case rates are shown rounded to two significant figures.

Estimates for all years are recalculated as new information becomes available and techniques are refined, so they may differ from those published in previous reports in this series. Estimates published in previous global TB control reports should no longer be used.

Graphs

Graphs where displayed show data from all years within the range stated.

Data source

Data shown in this annex are taken from the WHO global TB database on 31 August 2010. Data shown in the main part of the report were taken from the database on 17 June 2010. As a result, data in this annex may differ slightly from those in the main part of the report.

Data can be downloaded from www.who.int/tb/data.

TABLE A2.1 Estimates of the burden of disease caused by TB, 1990–2009

YEAR	POPULATION (MILLIONS)	MORTALITY (EXCLUDING HIV)		PREVALENCE (INCLUDING HIV)		INCIDENCE (INCLUDING HIV)		
		NUMBER (THOUSANDS)	RATE ^a	NUMBER (THOUSANDS)	RATE	NUMBER (THOUSANDS)	RATE	
Afghanistan	1990	13	8.3 (4.1–12)	66 (33–99)	41 (15–85)	329 (116–680)	24 (13–34)	189 (104–274)
	1995	18	12 (7.6–16)	66 (42–89)	61 (28–100)	339 (152–565)	34 (27–41)	189 (151–227)
	2000	21	12 (9.4–15)	59 (46–74)	88 (39–150)	427 (191–708)	39 (31–47)	189 (151–227)
	2005	25	9.9 (6.8–14)	41 (28–56)	85 (39–140)	349 (160–577)	46 (37–56)	189 (151–227)
	2006	25	9.4 (6.3–13)	37 (25–52)	85 (38–140)	334 (149–554)	46 (38–58)	189 (151–227)
	2007	26	9.3 (6–13)	35 (23–51)	86 (38–140)	326 (145–546)	50 (40–60)	189 (151–227)
	2008	27	9.9 (6.5–14)	36 (24–52)	90 (40–150)	331 (148–550)	51 (41–62)	189 (151–227)
2009	28	11 (7.1–15)	37 (25–52)	94 (42–160)	335 (151–557)	53 (43–64)	189 (154–228)	
Bahrain	1990	<1	0.011 (<0.01–0.019)	2.1 (1.1–3.9)	0.31 (0.11–0.65)	64 (21–131)	0.2 (0.12–0.28)	40 (24–58)
	1995	<1	0.018 (0.014–0.023)	3.1 (2.5–3.9)	0.51 (0.23–0.85)	89 (40–147)	0.23 (0.18–0.28)	40 (32–48)
	2000	<1	0.016 (0.014–0.019)	2.5 (2.2–2.8)	0.4 (0.16–0.68)	61 (25–105)	0.26 (0.21–0.31)	40 (32–48)
	2005	<1	0.014 (0.01–0.02)	2 (1.4–2.8)	0.44 (0.15–0.76)	60 (21–105)	0.33 (0.28–0.39)	45 (38–54)
	2006	<1	0.013 (0.01–0.019)	1.7 (1.3–2.5)	0.41 (0.12–0.73)	55 (16–98)	0.32 (0.28–0.39)	43 (37–52)
	2007	<1	0.014 (0.011–0.02)	1.9 (1.4–2.6)	0.44 (0.15–0.77)	58 (20–101)	0.34 (0.3–0.41)	45 (39–54)
	2008	<1	0.014 (0.011–0.02)	1.8 (1.4–2.5)	0.45 (0.14–0.78)	57 (19–100)	0.35 (0.3–0.42)	46 (39–55)
2009	<1	0.014 (0.011–0.019)	1.8 (1.4–2.5)	0.46 (0.15–0.78)	58 (19–99)	0.37 (0.33–0.42)	46 (41–54)	
Djibouti	1990	<1	0.45 (0.15–1)	81 (27–183)	5.1 (1.7–10)	909 (297–1865)	3.5 (2.1–5)	619 (375–898)
	1995	<1	0.3 (0.14–0.6)	48 (22–97)	4.7 (1.6–8.3)	749 (249–1323)	3.9 (3.1–4.6)	619 (495–743)
	2000	<1	0.28 (0.14–0.53)	38 (19–72)	5.1 (1.7–8.8)	698 (228–1202)	4.5 (4–5.4)	619 (544–743)
	2005	<1	0.74 (0.46–1.1)	92 (57–135)	7.4 (3.3–12)	919 (411–1523)	5 (4–6)	619 (495–743)
	2006	<1	0.75 (0.47–1.1)	91 (57–135)	7.5 (3.3–12)	916 (406–1518)	5.1 (4.1–6.1)	619 (495–743)
	2007	<1	0.72 (0.44–1.1)	86 (53–130)	7.4 (3.3–12)	893 (395–1486)	5.2 (4.1–6.2)	619 (495–743)
	2008	<1	0.67 (0.38–1)	79 (45–123)	7.3 (3.1–12)	860 (369–1448)	5.3 (4.2–6.3)	619 (495–743)
2009	<1	0.65 (0.38–1)	75 (44–117)	7.4 (3.1–12)	853 (359–1430)	5.4 (4.4–6.4)	619 (504–746)	
Egypt	1990	58	2.3 (1.9–2.8)	4 (3.3–4.8)	46 (21–74)	79 (36–128)	20 (16–23)	34 (28–40)
	1995	64	1.6 (1.2–2.1)	2.5 (1.9–3.3)	38 (18–61)	59 (28–95)	20 (17–24)	32 (26–37)
	2000	70	1.1 (0.74–1.5)	1.6 (1.1–2.2)	30 (13–49)	42 (19–69)	18 (15–21)	26 (21–30)
	2005	77	0.95 (0.82–1.1)	1.2 (1.1–1.4)	25 (11–42)	33 (14–54)	16 (13–19)	21 (17–25)
	2006	79	0.85 (0.74–0.97)	1.1 (<1–1.2)	25 (11–42)	32 (14–53)	16 (13–19)	20 (17–24)
	2007	80	0.86 (0.74–0.98)	1.1 (<1–1.2)	26 (11–42)	32 (14–52)	16 (13–18)	20 (16–23)
	2008	82	0.87 (0.75–0.99)	1.1 (<1–1.2)	25 (11–41)	31 (14–51)	16 (13–18)	19 (16–22)
2009	83	0.9 (0.61–1.3)	1.1 (<1–1.5)	25 (11–41)	30 (13–49)	15 (13–18)	19 (16–22)	
Iran (Islamic Republic of)	1990	57	3.7 (1.4–7.4)	6.5 (2.4–13)	34 (12–71)	61 (21–125)	20 (11–30)	36 (20–52)
	1995	62	3.5 (2.2–5.2)	5.6 (3.5–8.4)	35 (15–60)	57 (24–96)	22 (18–27)	36 (29–43)
	2000	67	3.8 (2.5–5.4)	5.7 (3.8–8.1)	36 (16–59)	53 (24–88)	21 (17–25)	32 (25–38)
	2005	71	3.1 (2–4.4)	4.4 (2.9–6.2)	29 (13–48)	41 (18–68)	17 (14–21)	24 (19–29)
	2006	72	2.9 (1.9–4.1)	4 (2.6–5.7)	27 (12–45)	38 (17–63)	16 (13–20)	23 (18–27)
	2007	72	2.5 (1.6–3.7)	3.5 (2.2–5.1)	25 (11–42)	34 (15–57)	15 (12–19)	21 (17–26)
	2008	73	2.1 (1.3–3.3)	2.9 (1.8–4.4)	22 (9.5–38)	31 (13–51)	15 (12–17)	20 (16–24)
2009	74	1.8 (1–2.8)	2.4 (1.4–3.8)	20 (8.1–34)	27 (11–46)	14 (11–17)	19 (15–22)	
Iraq	1990	18	0.56 (0.37–0.75)	3.1 (2–4.1)	15 (3.4–27)	85 (19–151)	12 (6.3–17)	64 (35–93)
	1995	21	0.78 (0.51–1)	3.7 (2.4–5)	21 (4.8–38)	102 (23–181)	13 (11–16)	64 (51–77)
	2000	25	0.68 (0.45–0.91)	2.7 (1.8–3.7)	19 (4.1–33)	76 (17–134)	16 (13–19)	64 (51–77)
	2005	28	3.6 (2.4–5)	13 (8.5–18)	32 (14–53)	113 (51–188)	18 (14–22)	64 (51–77)
	2006	29	4 (2.8–5.5)	14 (9.6–19)	34 (16–57)	118 (54–196)	18 (15–22)	64 (51–77)
	2007	29	4.2 (3–5.7)	14 (10–19)	35 (16–59)	120 (55–199)	19 (15–23)	64 (51–77)
	2008	30	4.2 (2.9–5.7)	14 (9.7–19)	36 (16–59)	119 (54–196)	19 (15–23)	64 (51–77)
2009	31	4.2 (2.9–5.7)	14 (9.5–18)	36 (17–59)	117 (54–192)	20 (16–24)	64 (52–77)	
Jordan	1990	3	0.06 (0.022–0.13)	1.8 (<1–4.1)	0.74 (0.23–1.5)	23 (7.1–45)	0.52 (0.44–0.76)	16 (13–23)
	1995	4	0.064 (0.033–0.11)	1.5 (<1–2.6)	0.82 (0.3–1.4)	19 (6.9–33)	0.59 (0.5–0.71)	14 (12–17)
	2000	5	0.019 (0.01–0.042)	<1 (<1–1)	0.41 (0.1–0.73)	8.5 (2.1–15)	0.36 (0.31–0.43)	7.3 (6.3–8.8)
	2005	6	0.037 (0.019–0.065)	<1 (<1–1.2)	0.54 (0.18–0.93)	9.7 (3.2–17)	0.41 (0.37–0.49)	7.4 (6.6–8.9)
	2006	6	0.031 (0.015–0.059)	<1 (<1–1)	0.5 (0.15–0.89)	8.7 (2.7–15)	0.4 (0.36–0.48)	7 (6.2–8.3)
	2007	6	0.024 (0.012–0.049)	<1 (<1–1)	0.45 (0.12–0.79)	7.5 (2–13)	0.37 (0.34–0.45)	6.3 (5.7–7.5)
	2008	6	0.023 (0.012–0.048)	<1 (<1–1)	0.44 (0.12–0.78)	7.2 (1.9–13)	0.37 (0.34–0.45)	6.1 (5.5–7.3)
2009	6	0.014 (<0.01–0.019)	<1 (<1–1)	0.39 (0.088–0.7)	6.2 (1.4–11)	0.36 (0.3–0.41)	5.6 (4.8–6.5)	
Kuwait	1990	2	<0.01 (<0.01–0.014)	<1 (<1–1)	0.44 (0.13–0.77)	20 (6.1–36)	0.35 (0.28–0.42)	16 (13–19)
	1995	2	0.012 (<0.01–0.015)	<1 (<1–1)	0.52 (0.19–0.87)	30 (11–51)	0.39 (0.34–0.44)	22 (19–25)
	2000	2	0.014 (0.013–0.016)	<1 (<1–1)	0.76 (0.26–1.3)	34 (11–58)	0.59 (0.51–0.67)	26 (23–30)
	2005	3	0.015 (0.013–0.019)	<1 (<1–1)	0.68 (0.17–1.2)	25 (6.4–44)	0.59 (0.52–0.67)	22 (19–25)
	2006	3	0.023 (0.018–0.029)	<1 (<1–1.1)	1 (0.38–1.7)	36 (14–60)	0.74 (0.64–0.84)	27 (23–30)
	2007	3	0.018 (0.016–0.024)	<1 (<1–1)	0.85 (0.21–1.5)	30 (7.4–52)	0.74 (0.65–0.84)	26 (23–29)
	2008	3	0.02 (0.018–0.022)	<1 (<1–1)	1.3 (0.51–2.3)	46 (17–77)	1 (0.87–1.1)	34 (30–39)
2009	3	0.029 (0.023–0.039)	<1 (<1–1.3)	1.3 (0.44–2.2)	44 (15–75)	1 (0.93–1.2)	35 (31–41)	
Lebanon	1990	3	0.069 (0.027–0.21)	2.3 (<1–7.2)	1.2 (0.28–2.4)	39 (9.3–81)	0.96 (0.53–1.4)	32 (18–47)
	1995	3	0.097 (0.052–0.17)	2.8 (1.5–4.7)	1.4 (0.49–2.4)	40 (14–69)	1.1 (0.98–1.3)	31 (28–38)
	2000	4	0.037 (0.02–0.068)	<1 (<1–1.8)	0.72 (0.21–1.3)	19 (5.6–33)	0.63 (0.57–0.76)	17 (15–20)
	2005	4	0.029 (0.016–0.052)	<1 (<1–1.3)	0.51 (0.16–0.88)	13 (4–22)	0.43 (0.39–0.52)	11 (9.6–13)
	2006	4	0.016 (0.01–0.021)	<1 (<1–1)	0.44 (0.11–0.78)	11 (2.6–19)	0.41 (0.38–0.49)	10 (9.1–12)
	2007	4	0.04 (0.021–0.071)	<1 (<1–1.7)	0.64 (0.21–1.1)	15 (5.1–27)	0.52 (0.48–0.63)	13 (11–15)
	2008	4	0.046 (0.024–0.08)	1.1 (<1–1.9)	0.71 (0.24–1.2)	17 (5.7–29)	0.57 (0.52–0.69)	14 (12–16)
2009	4	0.064 (0.039–0.1)	1.5 (<1–2.4)	0.85 (0.33–1.4)	20 (7.8–34)	0.64 (0.55–0.73)	15 (13–17)	
Libyan Arab Jamahiriya	1990	4	0.53 (0.41–0.67)	12 (9.4–15)	3.9 (1.8–6.5)	89 (40–148)	1.7 (1.4–2.1)	40 (32–48)
	1995	5	0.23 (0.12–0.4)	4.7 (2.4–8.2)	2.8 (1–4.9)	57 (21–100)	1.9 (1.5–2.3)	40 (32–48)
	2000	5	0.3 (0.17–0.48)	5.7 (3.2–9)	3.3 (1.3–5.6)	61 (25–105)	2.1 (1.7–2.6)	40 (32–48)
	2005	6	0.24 (0.13–0.4)	4.1 (2.2–6.8)	3.2 (1.2–5.5)	56 (20–93)	2.4 (2.1–2.9)	40 (35–48)
	2006	6	0.21 (0.099–0.39)	3.4 (1.6–6.5)	3.1 (0.98–5.5)	52 (16–91)	2.4 (2–2.9)	40 (33–48)
	2007	6	0.23 (0.12–0.42)	3.8 (1.9–6.8)	3.3 (1.1–5.7)	53 (18–93)	2.5 (2.1–3)	40 (34–48)
	2008	6	0.24 (0.12–0.46)	3.9 (1.9–7.3)	3.4 (1.1–5.9)	54 (18–94)	2.5 (2–3)	40 (32–48)
2009	6	0.26 (0.13–0.49)	4.1 (2–7.7)	3.5 (1.2–6.2)	55 (19–96)	2.6 (2.1–3.1)	40 (32–48)	
Morocco	1990	25	4.4 (1.6–9.6)	18 (6.6–39)	53 (17–100)	213 (69–411)	37 (28–53)	147 (111–214)
	1995	27	5 (2.7–8.4)	19 (9.9–31)	59 (23–100)	220 (84–377)	41 (33–49)	152 (121–182)
	2000	29	2.1 (1.1–3.8)	7.2 (3.9–13)	38 (11–66)	132 (38–229)	32 (29–38)	109 (100–131)
	2005	30	2.1 (1.1–3.7)	6.9 (3.7–12)	36 (11–62)	118 (36–203)	29 (26–35)	95 (86–114)
	2006	31	2.1 (1.1–3.7)	6.8 (3.6–12)	36 (11–62)	115 (35–200)	29 (26–35)	94 (85–112)
	2007	31	2.1 (1.1–3.9)	6.8 (3.5–12)	36 (11–62)	115 (35–200)	29 (26–35)	93 (82–112)
	2008	32	2 (1.1–3.6)	6.5 (3.5–11)	36 (11–62)	113 (35–195)	29 (27–35)	93 (85–111)
2009	32	1.9 (1–3.3)	5.8 (3.2–10)	35 (10–60)	109 (32–188)	29 (25–34)	92 (80–105)	
Oman	1990	2	0.026 (0.02–0.041)	1.4 (1.1–2.2)	0.63 (0.18–1.1)	34 (9.6–62)	0.51 (0.48–0.74)	28 (26–40)
	1995	2	0.013 (0.012–0.014)	<1 (<1–1)	0.32 (0.073–0.57)	15 (3.4–26)	0.29 (0.28–0.35)	13 (13–16)
	2000	2	0.019 (0.015–0.024)	<1 (<1–1)	0.44 (0.16–0.73)	18 (6.5–31)	0.34 (0.32–0.41)	14 (13–17)
	2005	3	0.013 (0.012–0.013)	<1 (<1–1)	0.32 (0.076–0.56)	12 (2.9–22)	0.27 (0.26–0.33)	10 (10–13)
	2006	3	0.019 (0.015–0.025)	<1 (<1–1)	0.45 (0.15–0.77)	17 (5.8–29)	0.36 (0.34–0.43)	13 (13–16)
	2007	3	0.015 (0.014–0.019)	<1 (<1–1)	0.38 (0.094–0.66)	14 (3.4–24)	0.35 (0.33–0.41)	13 (12–15)
	2008	3	0.019 (0.015–0.024)	<1 (<1–1)	0.44 (0.14–0.76)	16 (4.9–27)	0.37 (0.35–0.44)	13 (13–16)
2009	3	0.019 (0.016–0.025)	<1 (<1–1)	0.45 (0.13–0.77)	16 (4.6–27)	0.37 (0.33–0.43)	13 (12–15)	
Pakistan	1990	116	95 (58–140)	82 (50–123)	650 (250–1200)	564 (214–1067)	270 (150–390)	231 (127–335)
	1995	130	110 (85–130)	81 (65–98)	730 (310–1200)	559 (241–926)	300 (240–360)	231 (185–278)
	2000	148	120 (96–140)	80 (65–98)	820 (360–1400)	554 (241–919)	340 (270–410)	231 (185–278)
	2005	166	95 (70–120)	57 (43–75)	760 (350–1200)	456 (212–748)	380 (310–460)	231 (185–278)
	2006	169	84 (59–110)	49 (35–67)	720 (330–1200)	423 (195–698)	390 (310–470)	231 (185–278)
	2007	173	76 (51–110)	44 (29–61)	690 (310–1100)	398 (179–662)	400 (320–480)	231 (185–278)
	2008	177	64 (39–95)	36 (22–53)	650 (280–1100)	366 (158–612)	410 (330–490)	231 (185–278)
2009	181	60 (36–92)	33 (20–51)	640 (270–1100)	355 (148–601)	420 (340–500)	231 (188–279)	

^a Rates are per 100 000 population.

TABLE A2.1 Estimates of the burden of disease caused by TB, 1990–2009

YEAR	POPULATION (MILLIONS)	MORTALITY (EXCLUDING HIV)		PREVALENCE (INCLUDING HIV)		INCIDENCE (INCLUDING HIV)		
		NUMBER (THOUSANDS)	RATE ^a	NUMBER (THOUSANDS)	RATE	NUMBER (THOUSANDS)	RATE	
Qatar	1990	<1	0.023 (0.013–0.041)	5 (2.8–8.8)	0.44 (0.15–0.88)	95 (32–189)	0.28 (0.18–0.41)	60 (39–87)
	1995	<1	0.02 (0.017–0.023)	3.8 (3.3–4.3)	0.4 (0.13–0.68)	76 (25–130)	0.32 (0.3–0.38)	60 (58–72)
	2000	<1	0.03 (0.022–0.042)	4.9 (3.5–6.8)	0.58 (0.24–0.99)	95 (38–161)	0.39 (0.31–0.46)	63 (50–75)
	2005	<1	0.03 (0.021–0.043)	3.4 (2.4–4.9)	0.58 (0.22–1)	66 (25–114)	0.41 (0.33–0.49)	46 (37–55)
	2006	1	0.028 (0.021–0.041)	2.8 (2.1–4.1)	0.56 (0.18–0.99)	56 (18–99)	0.42 (0.34–0.51)	42 (34–51)
	2007	1	0.032 (0.024–0.046)	2.6 (2.1–4.1)	0.63 (0.2–1.1)	56 (17–98)	0.49 (0.4–0.59)	43 (35–52)
	2008	1	0.052 (0.038–0.073)	4.1 (2.9–5.7)	1 (0.39–1.7)	79 (31–136)	0.7 (0.57–0.84)	55 (44–66)
2009	1	0.043 (0.035–0.057)	3 (2.5–4)	0.86 (0.27–1.5)	61 (19–105)	0.69 (0.62–0.8)	49 (44–57)	
Saudi Arabia	1990	16	0.43 (0.22–0.75)	2.7 (1.4–4.6)	9.3 (3.5–19)	57 (21–117)	5 (2.8–7.3)	31 (17–45)
	1995	18	0.48 (0.36–0.63)	2.6 (2–3.4)	10 (4.8–17)	57 (26–95)	5.6 (4.5–6.8)	31 (25–37)
	2000	21	0.43 (0.31–0.58)	2 (1.5–2.8)	9.5 (4.1–16)	45 (20–77)	5.7 (4.6–6.8)	27 (22–33)
	2005	24	0.3 (0.21–0.43)	1.3 (<1–1.8)	6.8 (2.5–12)	29 (11–50)	4.7 (3.8–5.6)	20 (16–24)
	2006	24	0.29 (0.21–0.43)	1.2 (<1–1.8)	6.7 (2.4–12)	28 (9.9–49)	4.8 (3.8–5.7)	20 (16–24)
	2007	25	0.28 (0.2–0.41)	1.1 (<1–1.7)	6.5 (2.2–12)	26 (9–47)	4.8 (4–5.8)	19 (16–23)
	2008	25	0.26 (0.2–0.38)	1 (<1–1.5)	6.1 (1.9–11)	24 (7.7–42)	4.7 (4–5.6)	19 (16–22)
2009	26	0.24 (0.19–0.33)	<1 (<1–1.3)	5.6 (1.7–9.8)	22 (6.5–38)	4.5 (4–5.3)	18 (16–20)	
Somalia	1990	7	1.4 (0.93–1.9)	22 (14–29)	39 (8.9–70)	593 (134–1059)	19 (10–27)	285 (157–414)
	1995	7	5.8 (4.6–7.2)	90 (71–111)	42 (19–69)	642 (288–1057)	19 (15–22)	285 (228–342)
	2000	7	5.7 (4.4–7.3)	78 (59–99)	43 (20–71)	588 (272–966)	21 (17–25)	285 (228–342)
	2005	8	4.6 (3.1–6.4)	55 (37–76)	41 (19–67)	488 (222–806)	24 (19–29)	285 (228–342)
	2006	9	4.8 (3.3–6.6)	56 (39–77)	42 (19–69)	493 (228–811)	24 (20–29)	285 (228–342)
	2007	9	5 (3.5–6.8)	57 (40–78)	43 (20–71)	497 (229–815)	25 (20–30)	285 (228–342)
	2008	9	5.3 (3.7–7.1)	59 (42–80)	45 (21–74)	504 (234–827)	25 (20–31)	285 (228–342)
2009	9	5.3 (3.8–7.1)	58 (41–78)	46 (21–75)	498 (231–816)	26 (21–31)	285 (232–344)	
Sudan	1990	27	9 (4.8–14)	33 (18–53)	67 (27–130)	249 (100–479)	32 (18–47)	119 (65–172)
	1995	31	6.9 (4.7–9.6)	22 (15–31)	62 (28–100)	201 (92–332)	37 (29–44)	119 (95–143)
	2000	35	6.6 (4.2–9.7)	19 (12–28)	65 (29–110)	187 (82–311)	41 (33–50)	119 (95–143)
	2005	39	7.4 (4.7–11)	19 (12–28)	73 (32–120)	188 (82–312)	46 (37–55)	119 (95–143)
	2006	40	7.5 (4.7–11)	19 (12–28)	74 (33–120)	186 (82–310)	47 (38–56)	119 (95–143)
	2007	40	7.8 (5–11)	19 (12–28)	75 (34–120)	185 (84–307)	48 (38–58)	119 (95–143)
	2008	41	8.8 (5.9–12)	21 (14–30)	81 (37–130)	196 (89–324)	49 (39–59)	119 (95–143)
2009	42	9.9 (6.9–14)	24 (16–32)	88 (40–140)	209 (95–343)	50 (41–61)	119 (97–143)	
Syrian Arab Republic	1990	13	0.95 (0.33–2.2)	7.5 (2.6–17)	11 (3.5–22)	88 (28–175)	7.7 (6–11)	61 (47–88)
	1995	15	0.86 (0.46–1.4)	5.9 (3.2–9.7)	9.9 (3.8–17)	68 (26–117)	6.7 (5.4–8.1)	46 (37–55)
	2000	17	0.41 (0.2–0.82)	2.5 (1.2–4.9)	7.1 (2–13)	43 (12–76)	5.7 (5.1–6.9)	35 (31–42)
	2005	19	0.45 (0.22–0.85)	2.4 (1.1–4.5)	6.6 (2.2–12)	35 (11–61)	5 (4.3–6)	25 (20–30)
	2006	20	0.47 (0.22–0.87)	2.4 (1.1–4.4)	6.6 (2.2–12)	33 (11–59)	4.9 (3.9–5.9)	24 (20–28)
	2007	21	0.49 (0.25–0.87)	2.4 (1.2–4.3)	6.6 (2.3–12)	32 (11–56)	4.8 (4.1–5.8)	24 (20–28)
	2008	21	0.45 (0.21–0.83)	2.1 (1–3.9)	6.3 (2.1–11)	30 (9.7–52)	4.7 (3.8–5.7)	22 (18–27)
2009	22	0.41 (0.19–0.78)	1.9 (<1–3.6)	6 (1.9–11)	27 (8.7–48)	4.6 (3.8–5.6)	21 (17–25)	
Tunisia	1990	8	0.2 (0.084–0.45)	2.5 (1–5.5)	3.1 (0.9–5.7)	37 (11–69)	2.4 (2.1–3.4)	29 (25–42)
	1995	9	0.16 (0.091–0.29)	1.8 (1–3.3)	3.1 (0.89–5.4)	35 (9.9–60)	2.6 (2.4–3.1)	29 (27–35)
	2000	9	0.16 (0.087–0.29)	1.7 (<1–3.1)	2.8 (0.85–4.9)	30 (9–51)	2.3 (2–2.7)	24 (22–29)
	2005	10	0.14 (0.079–0.26)	1.5 (<1–2.6)	2.7 (0.78–4.6)	27 (7.9–47)	2.2 (2.1–2.7)	23 (21–27)
	2006	10	0.13 (0.073–0.23)	1.3 (<1–2.3)	2.7 (0.71–4.6)	27 (7.2–46)	2.3 (2.1–2.7)	23 (21–27)
	2007	10	0.16 (0.091–0.29)	1.6 (<1–2.8)	3 (0.89–5.1)	29 (8.8–51)	2.4 (2.3–2.9)	24 (23–29)
	2008	10	0.16 (0.088–0.27)	1.5 (<1–2.7)	2.9 (0.85–5)	29 (8.4–49)	2.4 (2.3–2.9)	24 (22–29)
2009	10	0.19 (0.1–0.32)	1.8 (1–3.1)	3.1 (0.98–5.3)	30 (9.5–52)	2.5 (2.2–2.8)	24 (21–28)	
United Arab Emirates	1990	2	0.011 (0.011–0.012)	<1 (<1–1)	0.28 (0.062–0.5)	15 (3.3–27)	0.077 (0.043–0.11)	4.1 (2.3–6)
	1995	2	0.02 (0.019–0.021)	<1 (<1–1)	0.5 (0.11–0.88)	20 (4.5–36)	0.1 (0.081–0.12)	4.1 (3.3–5)
	2000	3	<0.01 (<0.01–0.013)	<1 (<1–1)	0.22 (0.094–0.36)	6.7 (2.9–11)	0.13 (0.12–0.16)	4.1 (3.6–5)
	2005	4	0.013 (<0.01–0.018)	<1 (<1–1)	0.29 (0.13–0.49)	7.1 (3.2–12)	0.17 (0.14–0.2)	4.1 (3.3–5)
	2006	4	0.014 (0.01–0.018)	<1 (<1–1)	0.3 (0.14–0.51)	7.2 (3.2–12)	0.18 (0.14–0.21)	4.1 (3.3–5)
	2007	4	0.015 (0.011–0.02)	<1 (<1–1)	0.32 (0.15–0.53)	7.4 (3.3–12)	0.18 (0.14–0.22)	4.1 (3.3–5)
	2008	4	0.015 (0.011–0.019)	<1 (<1–1)	0.32 (0.14–0.54)	7.2 (3.2–12)	0.19 (0.15–0.22)	4.1 (3.3–5)
2009	5	<0.01 (<0.01–0.01)	<1 (<1–1)	0.18 (0.066–0.3)	3.8 (1.4–6.5)	0.13 (0.12–0.15)	2.8 (2.5–3.3)	
West Bank and Gaza Strip	1990	2	0.25 (0.14–0.39)	12 (6.6–18)	1.8 (0.67–3.4)	82 (31–158)	0.75 (0.41–1.1)	35 (19–50)
	1995	3	0.28 (0.22–0.35)	11 (8.6–13)	2 (0.86–3.3)	76 (33–126)	0.83 (0.67–1)	32 (25–38)
	2000	3	0.28 (0.22–0.34)	8.9 (7.1–11)	1.9 (0.85–3.2)	62 (27–103)	0.81 (0.65–0.98)	26 (21–31)
	2005	4	0.29 (0.23–0.35)	7.6 (6.1–9.2)	2 (0.83–3.3)	52 (22–87)	0.8 (0.64–0.96)	21 (17–25)
	2006	4	0.28 (0.23–0.35)	7.3 (5.9–8.9)	2 (0.83–3.3)	50 (21–84)	0.8 (0.64–0.96)	21 (16–25)
	2007	4	0.28 (0.23–0.35)	7 (5.6–8.6)	1.9 (0.83–3.2)	48 (21–81)	0.8 (0.64–0.96)	20 (16–24)
	2008	4	0.28 (0.23–0.35)	6.8 (5.5–8.4)	2 (0.84–3.2)	47 (20–78)	0.8 (0.64–0.96)	19 (15–23)
2009	4	0.28 (0.23–0.34)	6.6 (5.3–8)	1.9 (0.83–3.2)	45 (19–75)	0.8 (0.65–0.96)	19 (15–22)	
Yemen	1990	12	4.4 (2.1–7.6)	36 (17–61)	34 (13–68)	280 (110–552)	17 (9.3–24)	137 (75–199)
	1995	16	3.4 (2.1–5.2)	22 (13–33)	34 (15–58)	221 (94–374)	21 (17–26)	137 (110–164)
	2000	18	3.4 (2.1–5.2)	19 (11–28)	34 (14–57)	187 (80–315)	21 (17–25)	116 (92–139)
	2005	21	3.2 (2.1–4.6)	15 (10–22)	29 (13–49)	140 (63–233)	17 (14–20)	81 (64–97)
	2006	22	3 (2–4.3)	14 (9.2–20)	28 (13–46)	129 (58–214)	16 (13–19)	74 (59–89)
	2007	22	2.8 (1.9–4)	12 (8–18)	26 (11–43)	115 (51–192)	15 (12–18)	67 (54–80)
	2008	23	2.3 (1.4–3.5)	10 (6.3–15)	23 (9.9–38)	99 (43–166)	14 (11–17)	60 (48–72)
2009	24	1.9 (1.1–3)	8.2 (4.9–13)	20 (8.4–34)	86 (36–146)	13 (10–15)	54 (44–66)	

^a Rates are per 100 000 population.

TABLE A2.2 Incidence, notification and case detection rates, all forms, 1990–2009

YEAR	POPULATION (MILLIONS)	INCIDENCE (INCLUDING HIV)		INCIDENCE HIV-POSITIVE		NOTIFIED NEW AND RELAPSE ^a		CASE DETECTION RATE ^b	
		NUMBER (THOUSANDS)	RATE ^b	NUMBER (THOUSANDS)	RATE ^b	NUMBER	RATE ^b	PERCENT	
Afghanistan	1990	13	24 (13–34)	189 (104–274)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	4 332	34	18 (13–33)
	1995	18	34 (27–41)	189 (151–227)	<0.01 (<0.01–<0.01)	<1 (<1–<1)			–
	2000	21	39 (31–47)	189 (151–227)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	7 107	35	18 (15–23)
	2005	25	46 (37–56)	189 (151–227)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	21 844	89	47 (39–59)
	2006	25	48 (38–58)	189 (151–227)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	25 475	100	53 (44–66)
	2007	26	50 (40–60)	189 (151–227)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	28 769	109	58 (48–72)
	2008	27	51 (41–62)	189 (151–227)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	28 301	104	55 (46–69)
	2009	28	53 (43–64)	189 (154–228)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	26 150	93	49 (41–60)
Bahrain	1990	0	0.2 (0.12–0.28)	40 (24–58)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	117	24	60 (41–100)
	1995	1	0.23 (0.18–0.28)	40 (32–48)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	43	7	19 (16–23)
	2000	1	0.26 (0.21–0.31)	40 (32–48)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	207	32	80 (67–100)
	2005	1	0.33 (0.28–0.39)	45 (38–54)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	280	38	86 (72–100)
	2006	1	0.32 (0.28–0.39)	43 (37–52)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	278	37	86 (72–100)
	2007	1	0.34 (0.3–0.41)	45 (39–54)	<0.01 (<0.01–0.016)	1.1 (<1–2.1)	296	39	86 (72–100)
	2008	1	0.35 (0.3–0.42)	46 (39–55)	<0.01 (<0.01–0.016)	1 (<1–2.1)	304	39	86 (72–100)
	2009	1	0.37 (0.33–0.42)	46 (41–54)	<0.01 (<0.01–0.018)	1.3 (<1–2.3)	326	41	89 (77–100)
Djibouti	1990	1	3.5 (2.1–5)	619 (375–898)	0.15 (0.015–0.46)	28 (2.7–82)	2 100	375	61 (42–100)
	1995	1	3.9 (3.1–4.6)	619 (495–743)	0.39 (0.18–0.88)	62 (29–109)			–
	2000	1	4.5 (4–5.4)	619 (544–743)	0.58 (0.39–0.8)	79 (54–109)	3 971	544	88 (73–100)
	2005	1	5 (4–6)	619 (495–743)	0.64 (0.45–0.87)	80 (56–108)	3 109	386	62 (52–78)
	2006	1	5.1 (4.1–6.1)	619 (495–743)	0.65 (0.46–0.88)	79 (56–107)	3 011	367	59 (49–74)
	2007	1	5.2 (4.1–6.2)	619 (495–743)	0.66 (0.47–0.89)	79 (56–107)	3 195	383	62 (52–77)
	2008	1	5.3 (4.2–6.3)	619 (495–743)	0.72 (0.51–0.96)	84 (60–113)	3 682	434	70 (58–87)
	2009	1	5.4 (4.4–6.4)	619 (504–746)	0.63 (0.49–0.79)	73 (57–92)	3 783	438	71 (59–87)
Egypt	1990	58	20 (16–23)	34 (28–40)	0.025 (<0.01–0.058)	<1 (<1–<1)	2 142	4	11 (9–13)
	1995	64	20 (17–24)	32 (26–37)	0.05 (0.019–0.097)	<1 (<1–<1)	11 145	17	55 (47–67)
	2000	70	18 (15–21)	26 (21–30)	0.09 (0.047–0.15)	<1 (<1–<1)	10 762	15	59 (51–72)
	2005	77	16 (13–19)	21 (17–25)	0.14 (0.081–0.23)	<1 (<1–<1)	11 446	15	70 (60–85)
	2006	79	16 (13–19)	20 (17–24)	0.16 (0.088–0.25)	<1 (<1–<1)	10 046	13	62 (54–76)
	2007	80	16 (13–18)	20 (16–23)	0.29 (0.2–0.39)	<1 (<1–<1)	9 841	12	62 (53–75)
	2008	82	16 (13–18)	19 (16–22)	0.18 (0.099–0.28)	<1 (<1–<1)	9 452	12	60 (52–73)
	2009	83	15 (13–18)	19 (16–22)	0.052 (0.026–0.088)	<1 (<1–<1)	9 685	12	63 (54–75)
Iran (Islamic Republic of)	1990	57	20 (11–30)	36 (20–52)	0.12 (0.056–0.2)	<1 (<1–<1)	9 255	16	45 (31–83)
	1995	62	22 (18–27)	36 (29–43)	0.18 (0.11–0.28)	<1 (<1–<1)	15 936	26	71 (60–89)
	2000	67	21 (17–25)	32 (25–38)	0.37 (0.23–0.54)	<1 (<1–<1)	11 850	18	56 (47–70)
	2005	71	17 (14–21)	24 (19–29)	0.51 (0.33–0.73)	<1 (<1–<1)	9 192	13	54 (45–67)
	2006	72	16 (13–20)	23 (18–27)	0.48 (0.31–0.7)	<1 (<1–<1)	9 361	13	57 (48–72)
	2007	72	15 (12–19)	21 (17–26)	0.46 (0.3–0.66)	<1 (<1–<1)	9 316	13	60 (50–75)
	2008	73	15 (12–17)	20 (16–24)	0.43 (0.27–0.62)	<1 (<1–<1)	9 453	13	65 (54–81)
	2009	74	14 (11–17)	19 (15–22)	0.41 (0.26–0.59)	<1 (<1–<1)	10 097	14	73 (61–90)
Iraq	1990	18	12 (6.3–17)	64 (35–93)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	14 735	82	128 (88–232)
	1995	21	13 (11–16)	64 (51–77)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	9 697	46	72 (60–91)
	2000	25	16 (13–19)	64 (51–77)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	9 697	39	62 (51–77)
	2005	28	18 (14–22)	64 (51–77)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	9 454	33	52 (44–66)
	2006	29	18 (15–22)	64 (51–77)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	8 043	28	44 (36–55)
	2007	29	19 (15–23)	64 (51–77)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	7 863	27	42 (35–52)
	2008	30	19 (15–23)	64 (51–77)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	9 099	30	47 (39–59)
	2009	31	20 (16–24)	64 (52–77)	<0.01 (<0.01–0.01)	<1 (<1–<1)	9 385	31	48 (40–59)
Jordan	1990	3	0.52 (0.44–0.76)	16 (13–23)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	439	13	84 (58–100)
	1995	4	0.59 (0.5–0.71)	14 (12–17)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	498	12	84 (70–100)
	2000	5	0.36 (0.31–0.43)	7.3 (6.3–8.8)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	306	6	86 (72–100)
	2005	6	0.41 (0.37–0.49)	7.4 (6.6–8.9)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	367	7	89 (74–100)
	2006	6	0.4 (0.36–0.48)	7 (6.2–8.3)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	359	6	90 (75–100)
	2007	6	0.37 (0.34–0.45)	6.3 (5.7–7.5)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	336	6	90 (75–100)
	2008	6	0.37 (0.34–0.45)	6.1 (5.5–7.3)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	338	6	91 (76–100)
	2009	6	0.36 (0.3–0.41)	5.6 (4.8–6.5)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	367	6	103 (90–120)
Kuwait	1990	2	0.35 (0.28–0.42)	16 (13–19)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	277	13	80 (67–100)
	1995	2	0.39 (0.34–0.44)	22 (19–25)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	336	19	87 (77–100)
	2000	2	0.59 (0.51–0.67)	26 (23–30)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	513	23	87 (77–100)
	2005	3	0.59 (0.52–0.67)	22 (19–25)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	517	19	87 (77–100)
	2006	3	0.74 (0.64–0.84)	27 (23–30)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	644	23	87 (77–100)
	2007	3	0.74 (0.65–0.84)	26 (23–29)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	646	23	87 (77–100)
	2008	3	1 (0.87–1.1)	34 (30–39)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	867	30	87 (77–100)
	2009	3	1 (0.93–1.2)	35 (31–41)	0.028 (0.024–0.032)	<1 (<1–1.1)	933	31	89 (77–100)
Lebanon	1990	3	0.96 (0.53–1.4)	32 (18–47)	0.01 (<0.01–0.021)	<1 (<1–<1)			–
	1995	3	1.1 (0.98–1.3)	31 (28–38)	0.037 (0.021–0.058)	1.1 (<1–1.7)	983	28	90 (75–100)
	2000	4	0.63 (0.57–0.76)	17 (15–20)	0.035 (0.022–0.052)	<1 (<1–1.4)	571	15	91 (76–100)
	2005	4	0.43 (0.39–0.52)	11 (9.6–13)	0.024 (0.015–0.036)	<1 (<1–<1)	391	10	91 (76–100)
	2006	4	0.41 (0.38–0.49)	10 (9.1–12)	0.023 (0.014–0.034)	<1 (<1–<1)	375	9	91 (76–100)
	2007	4	0.52 (0.48–0.63)	13 (11–15)	0.028 (0.018–0.042)	<1 (<1–<1)	476	11	91 (76–100)
	2008	4	0.57 (0.52–0.69)	14 (12–16)	0.03 (0.018–0.044)	<1 (<1–1.1)	523	12	91 (76–100)
	2009	4	0.64 (0.55–0.73)	15 (13–17)	0.032 (0.02–0.047)	<1 (<1–1.1)	499	12	78 (68–91)
Libyan Arab Jamahiriya	1990	4	1.7 (1.4–2.1)	40 (32–48)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	442	10	25 (21–32)
	1995	5	1.9 (1.5–2.3)	40 (32–48)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	1 440	30	75 (62–93)
	2000	5	2.1 (1.7–2.6)	40 (32–48)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	1 341	25	63 (52–79)
	2005	6	2.4 (2.1–2.8)	40 (35–48)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	2 098	35	89 (74–100)
	2006	6	2.4 (2–2.9)	40 (33–48)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	2 022	33	84 (70–100)
	2007	6	2.5 (2.1–3)	40 (34–48)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	2 119	34	86 (72–100)
	2008	6	2.5 (2–3)	40 (32–48)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	2 010	32	80 (67–100)
	2009	6	2.6 (2.1–3.1)	40 (32–48)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	2 096	33	82 (68–101)
Morocco	1990	25	37 (28–53)	147 (111–214)	0.095 (0.043–0.17)	<1 (<1–<1)	27 658	111	76 (52–100)
	1995	27	41 (33–49)	152 (121–182)	0.18 (0.1–0.29)	<1 (<1–1.1)	29 829	111	73 (61–91)
	2000	29	32 (29–38)	109 (100–131)	0.22 (0.13–0.32)	<1 (<1–1.1)	28 852	100	91 (76–100)
	2005	30	29 (26–35)	95 (86–114)	0.27 (0.17–0.4)	<1 (<1–1.3)	26 269	86	91 (76–100)
	2006	31	29 (26–35)	94 (85–112)	0.28 (0.17–0.41)	<1 (<1–1.3)	26 099	85	90 (75–100)
	2007	31	29 (26–35)	93 (82–112)	0.14 (0.1–0.19)	<1 (<1–<1)	25 562	82	88 (73–100)
	2008	32	29 (27–35)	93 (85–111)	0.31 (0.19–0.47)	<1 (<1–1.5)	26 838	85	92 (76–100)
	2009	32	29 (25–34)	92 (80–105)	0.5 (0.3–0.75)	1.6 (<1–2.4)	27 348	85	93 (81–107)
Oman	1990	2	0.51 (0.48–0.74)	28 (26–40)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	482	26	95 (66–100)
	1995	2	0.29 (0.28–0.35)	13 (13–16)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	276	13	95 (79–100)
	2000	2	0.34 (0.32–0.41)	14 (13–17)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	321	13	95 (79–100)
	2005	3	0.27 (0.26–0.33)	10 (10–13)	0.011 (<0.01–0.019)	<1 (<1–<1)	261	10	95 (79–100)
	2006	3	0.36 (0.34–0.43)	13 (13–16)	0.011 (<0.01–0.019)	<1 (<1–<1)	339	13	95 (79–100)
	2007	3	0.35 (0.33–0.41)	13 (12–15)	0.015 (<0.01–0.024)	<1 (<1–<1)	328	12	95 (79–100)
	2008	3	0.37 (0.35–0.44)	13 (13–16)	<0.01 (<0.01–0.015)	<1 (<1–<1)	350	13	95 (79–100)
	2009	3	0.37 (0.33–0.43)	13 (12–15)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	332	12	89 (77–100)
Pakistan	1990	116	270 (150–390)	231 (127–335)	0.22 (0.022–0.67)	<1 (<1–<1)	156 759	135	59 (40–106)
	1995	13							

TABLE A2.2 Incidence, notification and case detection rates, all forms, 1990–2009

YEAR	POPULATION (MILLIONS)	INCIDENCE (INCLUDING HIV)		INCIDENCE HIV-POSITIVE		NOTIFIED NEW AND RELAPSE ^a		CASE DETECTION RATE ^a	
		NUMBER (THOUSANDS)	RATE ^b	NUMBER (THOUSANDS)	RATE ^b	NUMBER	RATE ^b	PERCENT	
Qatar	1990	0	0.28 (0.18–0.41)		<0.01 (<0.01–<0.01)	<1 (<1–<1)	184	39	66 (45–100)
	1995	1	0.32 (0.3–0.38)		<0.01 (<0.01–<0.01)	<1 (<1–<1)	304	58	96 (80–100)
	2000	1	0.39 (0.31–0.46)		<0.01 (<0.01–<0.01)	<1 (<1–<1)	279	45	72 (60–90)
	2005	1	0.41 (0.33–0.49)		<0.01 (<0.01–<0.01)	<1 (<1–<1)	325	37	80 (67–100)
	2006	1	0.42 (0.34–0.51)		<0.01 (<0.01–<0.01)	<1 (<1–<1)	339	34	80 (67–100)
	2007	1	0.49 (0.4–0.59)		<0.01 (<0.01–<0.01)	<1 (<1–<1)	399	35	81 (67–100)
Saudi Arabia	1990	16	0.7 (0.57–0.84)		<0.01 (<0.01–<0.01)	<1 (<1–<1)	567	44	81 (68–100)
	1995	1	0.69 (0.62–0.8)		<0.01 (<0.01–<0.01)	<1 (<1–<1)	619	44	89 (77–100)
	1990	16	5 (2.8–7.3)		<0.01 (<0.01–<0.01)	<1 (<1–<1)	2 415	15	48 (33–88)
	1995	18	5.6 (4.5–6.8)		<0.01 (<0.01–<0.01)	<1 (<1–<1)			–
	2000	21	5.7 (4.6–6.8)		<0.01 (<0.01–<0.01)	<1 (<1–<1)	3 452	17	61 (50–76)
	2005	24	4.7 (3.8–5.6)		<0.01 (<0.01–<0.01)	<1 (<1–<1)	3 539	15	75 (63–94)
Somalia	1990	7	19 (10–27)		0.17 (0.011–0.55)	2.6 (<1–8.4)			–
	1995	7	19 (15–22)		0.32 (0.1–0.66)	4.8 (1.5–10)	2 504	38	13 (11–17)
	2000	7	21 (17–25)		0.6 (0.28–1.1)	8.2 (3.8–14)	5 686	77	27 (22–34)
	2005	8	24 (19–29)		1.1 (0.7–1.7)	13 (8.4–20)	12 904	154	54 (45–68)
	2006	9	24 (20–29)		1.3 (0.8–1.9)	15 (9.4–22)	11 864	139	49 (41–61)
	2007	9	25 (20–30)		1.4 (0.91–2.1)	16 (10–24)	11 130	127	45 (37–56)
Sudan	1990	27	32 (18–47)		1 (0.52–1.7)	3.7 (1.9–6.2)	212	<1	1 (0–1)
	1995	31	37 (29–44)		1.8 (1.2–2.5)	5.7 (3.8–8.1)	14 320	46	39 (33–49)
	2000	35	41 (33–50)		2.3 (1.5–3.2)	6.5 (4.4–9.1)	24 807	71	60 (50–75)
	2005	39	46 (37–55)		2.8 (1.9–3.9)	7.3 (5–10)	27 562	71	60 (50–75)
	2006	40	47 (38–56)		2.9 (2–4.1)	7.4 (5–10)	28 937	73	62 (51–77)
	2007	40	48 (38–58)		4.9 (3.3–6.7)	12 (8.2–17)	29 270	72	61 (51–76)
Syrian Arab Republic	1990	13	7.7 (6–11)		<0.01 (<0.01–<0.01)	<1 (<1–<1)	6 018	67	78 (54–100)
	1995	15	6.7 (5.4–8.1)		<0.01 (<0.01–<0.01)	<1 (<1–<1)	4 404	30	66 (55–82)
	2000	17	5.7 (5.1–6.9)		<0.01 (<0.01–<0.01)	<1 (<1–<1)	5 090	31	89 (74–100)
	2005	19	5 (4.3–6)		<0.01 (<0.01–<0.01)	<1 (<1–<1)	4 310	23	86 (71–100)
	2006	20	4.9 (3.9–5.9)		<0.01 (<0.01–<0.01)	<1 (<1–<1)	3 931	20	80 (66–100)
	2007	21	4.8 (4.1–5.8)		<0.01 (<0.01–<0.01)	<1 (<1–<1)	4 087	20	85 (70–100)
Tunisia	1990	8	4.7 (3.8–5.7)		<0.01 (<0.01–<0.01)	<1 (<1–<1)	3 724	18	79 (66–98)
	1995	9	4.6 (3.8–5.6)		<0.01 (<0.01–<0.01)	<1 (<1–<1)	4 050	18	88 (73–108)
	1990	8	2.4 (2.1–3.4)		<0.01 (<0.01–<0.01)	<1 (<1–<1)	2 054	25	87 (60–100)
	1995	9	2.6 (2.4–3.1)		<0.01 (<0.01–<0.01)	<1 (<1–<1)	2 383	27	93 (77–100)
	2000	9	2.3 (2–2.7)		<0.01 (<0.01–<0.01)	<1 (<1–<1)	2 038	22	90 (75–100)
	2005	10	2.2 (2.1–2.7)		0.011 (<0.01–0.017)	<1 (<1–<1)	2 079	21	93 (77–100)
United Arab Emirates	1990	2	0.077 (0.043–0.11)		<0.01 (<0.01–<0.01)	<1 (<1–<1)	285	15	368 (254–669)
	1995	2	0.1 (0.081–0.12)		<0.01 (<0.01–<0.01)	<1 (<1–<1)			–
	2000	3	0.13 (0.12–0.16)		<0.01 (<0.01–<0.01)	<1 (<1–<1)	115	4	86 (71–100)
	2005	4	0.17 (0.14–0.2)		<0.01 (<0.01–<0.01)	<1 (<1–<1)	103	3	61 (51–76)
	2006	4	0.18 (0.14–0.21)		<0.01 (<0.01–<0.01)	<1 (<1–<1)	90	2	51 (43–64)
	2007	4	0.18 (0.14–0.22)		<0.01 (<0.01–<0.01)	<1 (<1–<1)	97	2	54 (45–67)
West Bank and Gaza Strip	1990	2	0.19 (0.15–0.22)		<0.01 (<0.01–<0.01)	<1 (<1–<1)	93	2	50 (42–62)
	1995	3	0.13 (0.12–0.15)		<0.01 (<0.01–<0.01)	<1 (<1–<1)	116	3	89 (77–100)
	1990	2	0.75 (0.41–1.1)		<0.01 (<0.01–<0.01)	<1 (<1–<1)	64	3	9 (6–16)
	1995	3	0.83 (0.67–1)		<0.01 (<0.01–<0.01)	<1 (<1–<1)	77	3	9 (8–12)
	2000	3	0.81 (0.65–0.98)		<0.01 (<0.01–<0.01)	<1 (<1–<1)	82	3	10 (8–13)
	2005	4	0.8 (0.64–0.96)		<0.01 (<0.01–<0.01)	<1 (<1–<1)	28	<1	4 (3–4)
Yemen	1990	12	0.8 (0.64–0.96)		<0.01 (<0.01–<0.01)	<1 (<1–<1)	42	1	5 (4–7)
	1995	16	0.8 (0.64–0.96)		<0.01 (<0.01–<0.01)	<1 (<1–<1)	33	<1	4 (3–5)
	2000	18	0.8 (0.64–0.96)		<0.01 (<0.01–<0.01)	<1 (<1–<1)	40	<1	5 (4–6)
	2005	21	0.8 (0.65–0.96)		<0.01 (<0.01–<0.01)	<1 (<1–<1)	35	<1	4 (4–5)
	1990	12	17 (9.3–24)		<0.01 (<0.01–<0.01)	<1 (<1–<1)	4 650	38	28 (19–50)
	1995	16	21 (17–26)		<0.01 (<0.01–<0.01)	<1 (<1–<1)	14 428	93	68 (57–85)
2000	18	21 (17–25)		<0.01 (<0.01–<0.01)	<1 (<1–<1)	13 651	75	65 (54–81)	
2005	21	17 (14–20)		<0.01 (<0.01–<0.01)	<1 (<1–<1)	9 063	43	53 (45–67)	
2006	22	16 (13–19)		<0.01 (<0.01–<0.01)	<1 (<1–<1)	8 468	39	53 (44–66)	
2007	22	15 (12–18)		<0.01 (<0.01–<0.01)	<1 (<1–<1)	8 427	38	56 (47–71)	
2008	23	14 (11–17)		<0.01 (<0.01–<0.01)	<1 (<1–<1)	8 290	36	60 (50–75)	
2009	24	13 (10–15)		<0.01 (<0.01–<0.01)	<1 (<1–<1)	8 562	36	67 (55–82)	

^a Where notification data from a country had not been received by 31 August, the notification rate was assumed to be the same as for 2008 (in *italics*).^b Rates are per 100 000 population.

TABLE A2.3 Case notifications, 1990–2009

	NEW AND RELAPSE NOTIFICATION RATE ^a 1990–2009	YEAR	NEW AND RELAPSE ^a	NEW CASES				RELAPSE	RE-TREAT EXCL. RELAPSE	TOTAL RETREAT	HISTORY UNKNOWN	% SMEAR-POS AMONG NEW PULM
				SMEAR-POSITIVE	SMEAR-NEGATIVE/ UNKNOWN	EXTRA-PULMONARY	OTHER					
Afghanistan		1990	4 332									–
		1995										–
		2000	7 107	2 892	2 358	1 620		237		237		55
		2005	21 844	9 949	6 085	4 954		856		856		62
		2006	25 475	12 468	6 809	5 066		1 132		1 132		65
		2007	28 769	13 213	8 251	6 227	0	1 078	0	1 078	0	62
Bahrain		2008	28 301	13 136	7 903	6 127	0	1 135	0	1 135	0	62
		2009	26 150	12 497	6 108	5 730	733	1 082	208	1 290	733	67
		1990	117									–
		1995	43	17	14	85		0		0		55
		2000	207	23	16	8						59
		2005	280	101	72	107	0	0	0	0	0	58
Djibouti		2006	278	98	77	103	0	0	0	0	56	
		2007	296	109	71	114	0	2	0	2	0	61
		2008	304	141	59	104	0	0	0	0	0	71
		2009	326	131	74	121	0	0	0	0	0	64
		1990	2 100									–
		1995										–
Egypt		2000	3 971	1 391	518	1 875		184		184		73
		2005	3 109	1 120	739	1 058	0	192	61	253	0	60
		2006	3 011	1 153	400	1 266	0	192	84	276	0	74
		2007	3 195	1 208	329	1 492	0	166	62	228	0	79
		2008	3 682	1 375	477	1 669	0	161	35	196	0	74
		2009	3 783	1 377	507	1 710	0	189	21	210	0	73
Iran (Islamic Republic of)		1990	2 142									–
		1995	11 145	4 229	9 204	4 684		753		753		31
		2000	10 762	4 606	2 693	2 843		620		620		63
		2005	11 446	5 217	2 617	3 163	0	449	289	738	0	67
		2006	10 046	4 745	2 130	2 726	0	445	354	799	0	69
		2007	9 841	4 887	1 703	2 869	0	382	203	585	0	74
Iraq		2008	9 452	5 102	1 190	2 676	0	484	308	792	0	81
		2009	9 685	5 201	1 238	2 850	0	396	352	748	0	81
		1990	9 255									–
		1995	15 936	5 347	6 432	3 779		477		477		45
		2000	11 850	5 361	2 642	3 442		405		405		67
		2005	9 192	4 581	1 807	2 530	0	274	154	428	20	72
Jordan		2006	9 361	4 802	1 866	2 386	0	307	174	481	0	72
		2007	9 316	4 701	1 830	2 515	0	270	174	444	0	72
		2008	9 453	4 722	1 865	2 569	0	297	126	423	0	72
		2009	10 097	5 152	1 926	2 685	0	334	439	773	0	73
		1990	14 735	1 587	12 394	754						11
		1995	9 697	3 194	13 962	1 367		68		68		19
Kuwait		2000	9 697	3 194	3 188	2 753		562		562		50
		2005	9 454	3 096	2 887	2 703	0	768		768		52
		2006	8 043	2 886	2 179	2 375	0	603		603		57
		2007	7 863	2 726	2 293	2 290	0	554	0	554	0	54
		2008	9 099	3 150	2 727	2 718	0	504	181	685	0	54
		2009	9 385	3 347	2 666	2 904	0	468	283	751	0	56
Lebanon		1990	439									–
		1995	498	187	210	101		6		6		47
		2000	306	89	69	145		3		3		56
		2005	367	86	76	187	12	6	4	10	0	53
		2006	359	104	70	181		4	5	9	17	60
		2007	336	109	70	154	0	3	8	11	0	61
Libyan Arab Jamahiriya		2008	338	104	68	165	0	1	0	1	18	60
		2009	367	109	64	190	0	4	16	20	4	63
		1990	277									–
		1995	336	175	42	115	0	4	0	4	0	81
		2000	513	180	89	244	0	0	0	0	0	67
		2005	517	187	95	234	0	1	0	1	0	66
Morocco		2006	644	284	76	284	0	0	0	0	0	79
		2007	646	274	94	277	0	1	0	1	0	74
		2008	867	345	158	363	0	1	0	1	0	69
		2009	933	386	155	391	0	1	0	1	0	71
		1990	277									–
		1995	983	197	528	255		3		3		27
Oman		2000	571	202	149	214		6		6		58
		2005	391	131	75	181	0	4	0	4	0	64
		2006	375	112	88	167	0	8	0	8	0	56
		2007	476	143	118	212	0	3	0	3	0	55
		2008	523	158	123	231	0	11	0	11	0	56
		2009	499	179	94	218	0	8	2	10	0	66
Pakistan		1990	442									–
		1995	1 440									–
		2000	1 341	607	626	814						88
		2005	2 098	860	474	762		2	269	271		64
		2006	2 022	745	473	804		0	252	252		61
		2007	2 119	772	523	824		0	0	0		60
Pakistani		2008	2 010	871	390	749	0					69
		2009	2 096	936	455	696	0	9	14	23	0	67
		1990	27 658									–
		1995	29 829	14 171	4 095	11 563						78
		2000	28 852	12 872	2 934	13 046						81
		2005	26 269	12 757	2 142	11 370	0					86
Pakistani		2006	26 099	12 280	2 055	11 764						86
		2007	25 562	11 937	2 059	11 566	0					85
		2008	26 838	11 825	2 002	11 646	0	1 365	281	1 646	0	86
		2009	27 348	11 907	2 021	12 131	0	1 289	316	1 605	0	85
		1990	482									–
		1995	276	135	60	81		0		0		69
Pakistani		2000	321	164	37	112		8		8		82
		2005	261	131	37	89		4		4		78
		2006	339	184	42	108		5	0	5		81
		2007	328	187	33	102	0	6	0	6	0	85
		2008	350	171	48	129	0	2	2	4	0	78
		2009	332	164	36	127	0	5	2	7	0	82
Pakistani		1990	156 759									–
		1995	13 142	2 578	3 806	3 037		184		184		40
		2000	11 050	3 285	5 578	1 846		341		341		37
		2005	142 211	48 319	68 429	22 792	0	2 671	2 758	5 429		41
		2006	176 678	65 253	82 519	25 745	0	3 161	2 389	5 550		44
		2007	230 468	88 747	103 629	33 986	0	4 106	3 632	7 738	0	46
Pakistani		2008	245 635	100 102	106 207	34 386		4 940	3 043	7 983		49
		2009	316 864	111 087	156 364	43 416		5 997	3 203	9 200		42

^a Rates are per 100 000 population. Where notification data from a country had not been received by 31 August, the notification rate was assumed to be the same as for 2008 (in italics).

TABLE A2.3 Case notifications, 1990–2009

	NEW AND RELAPSE NOTIFICATION RATE ^a 1990–2009	YEAR	NEW AND RELAPSE ^a	NEW CASES				RELAPSE	RE-TREAT EXCL. RELAPSE	TOTAL RETREAT	HISTORY UNKNOWN	% SMEAR-POS AMONG NEW PULM
				SMEAR-POSITIVE	SMEAR-NEGATIVE/ UNKNOWN	EXTRA-PULMONARY	OTHER					
Qatar		1990	184									–
		1995	304	60	135	109		1		1		31
		2000	279	53	98	128		0		0		35
		2005	325	96	73	156		0	0	0		57
		2006	339	115	76	148		0	0	0	0	60
		2007	399	116	75	208	0	0	0	0	0	61
Saudi Arabia		1990	2 415									–
		1995										–
		2000	3 452	1 595	722	1 023		112		112		69
		2005	3 539	1 722	545	1 067	0	205		205		76
		2006	3 774	1 914	663	1 096	0	101		101		74
		2007	3 955	1 984	582	1 297	0	92	58	150		77
Somalia		1990										–
		1995	2 504	1 572	692	318		134		134		69
		2000	5 686	3 776	837	722		351		351		82
		2005	12 904	7 068	3 168	2 258	0	410	102	512	0	69
		2006	11 864	6 861	2 479	2 034	0	490	40	530	0	73
		2007	11 130	6 130	2 490	2 013	0	497	0	497	0	71
Sudan		1990	212									–
		1995	14 320	8 761	2 655	1 675		474		474		77
		2000	24 807	12 311	6 512	3 843		2 141		2 141		65
		2005	27 562	12 730	9 212	5 434	0	186	1 616	1 802		58
		2006	28 937	12 194	9 801	4 966	0	1 976	82	2 058	0	55
		2007	29 270	12 627	9 486	5 171	0	1 986	109	2 095	0	57
Syrian Arab Republic		1990	6 018									–
		1995	4 404	1 295	1 507	1 574		28		28		46
		2000	5 090	1 584	1 409	2 000		97		97		53
		2005	4 310	1 350	796	2 103	0	61	83	144		63
		2006	3 931	1 352	563	1 950	0	66	94	160	0	71
		2007	4 087	1 155	706	2 169	0	57	91	148	131	62
Tunisia		1990	2 054									–
		1995	2 383	1 243	407	733						75
		2000	2 038	1 099	179	727		61		61		86
		2005	2 079	915	239	874		51		51		79
		2006	2 131	922	261	912		36		36		78
		2007	2 282	941	305	1 009	0	27		27		76
United Arab Emirates		1990	285									–
		1995										–
		2000	115	73	3	41		0		0		96
		2005	103	62	12	25	0	4	2	6	0	84
		2006	90	52	18	16	0	4	0	4	0	74
		2007	97	56	20	16	0	5	0	5	0	74
West Bank and Gaza Strip		1990	64									–
		1995	77	9	58	10						13
		2000	82	37								–
		2005	28	7	6	15						54
		2006	42	16	7	19	0	0	0	0	0	70
		2007	33	13	2	18	0	0	1	1	0	87
Yemen		1990	4 650									–
		1995	14 428	3 681	7 390	3 082		275		275		33
		2000	13 651	5 565	4 176	3 470		440		440		57
		2005	9 063	3 379	2 780	2 553		351		351		55
		2006	8 468	3 342	2 386	2 429	0	311		311		58
		2007	8 427	3 537	2 196	2 369	0	325	0	325	0	62


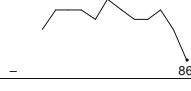

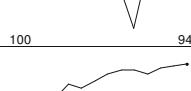
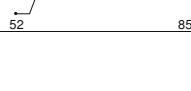

^a Rates are per 100 000 population. Where notification data from a country had not been received by 31 August, the notification rate was assumed to be the same as for 2008 (in italics).

TABLE A2.4 Treatment outcomes, new smear-positive cases, 1995–2008

	TREATMENT SUCCESS (%)* 1995–2008	YEAR	NUMBER NOTIFIED	SIZE OF COHORT	COHORT AS % NOTIFIED	% OF COHORT					
						CURED	COMPLETED	DIED	FAILED	DEFAULTED	NOT EVALUATED
Afghanistan		1995			–						
		2000	2 892	3 136	108	76	9	3	3	6	2
		2005	9 949	10 013	101	83	7	2	1	2	5
		2006	12 468	12 468	100	80	5	2	1	2	10
		2007	13 213	13 213	100	82	5	2	1	2	8
2008	13 136	13 136	100	83	5	2	1	2	7		
Bahrain		1995	17		–						
		2000	23	22	96	73	0	27	0	0	0
		2005	101	15	15	93	0	7	0	0	0
		2006	98	14	14	86	0	14	0	0	0
		2007	109	160	147	14	0	4	0	0	82
2008	141	142	101	8	0	1	0	0	90		
Djibouti		1995		1 751	–	60	16	3	1	20	1
		2000	1 391	1 391	100	48	14	2	1	21	14
		2005	1 120	1 120	100	71	9	1	1	16	2
		2006	1 153	1 143	99	70	8	1	1	16	4
		2007	1 208	1 205	100	72	9	1	1	14	2
2008	1 375	1 375	100	78	6	1	0	13	2		
Egypt		1995	4 229	2 118	50	38	24	2	3	19	14
		2000	4 606	4 611	100	75	12	3	2	5	3
		2005	5 217	5 154	99	66	13	3	2	3	13
		2006	4 745	4 745	100	71	16	3	3	3	3
		2007	4 887	4 887	100	72	16	3	2	3	3
2008	5 102	5 101	100	69	20	3	3	3	3		
Iran (Islamic Republic of)		1995	5 347		–						
		2000	5 361	5 866	109	81	4	6	2	3	3
		2005	4 581	4 581	100	78	5	7	3	3	4
		2006	4 802	4 923	103	77	6	7	3	3	4
		2007	4 701	4 707	100	76	6	8	2	3	5
2008	4 722	4 824	102	78	6	8	3	2	3		
Iraq		1995	3 194	11 553	362	60	20	0	5	10	5
		2000	3 194	3 194	100	86	5	3	2	3	1
		2005	3 096	3 096	100	76	10	3	2	7	3
		2006	2 886	2 886	100	77	8	2	3	9	2
		2007	2 726	2 726	100	78	8	2	2	8	2
2008	3 150	3 150	100	79	9	3	2	6	1		
Jordan		1995	187	193	103	91	1	3	1	2	3
		2000	89	89	100	89	1	2	1	4	2
		2005	86	86	100	71	12	5	7	6	0
		2006	104	104	100	58	13	8	4	17	0
		2007	109	109	100	66	11	5	0	9	9
2008	104	104	100	73	11	3	1	4	9		
Kuwait		1995	175	175	100	40	31	3	0	1	25
		2000	180	180	100	54	15	1	0	9	21
		2005	187	187	100	53	10	1	0	7	29
		2006	284	284	100	45	33	0	0	5	16
		2007	274	274	100	41	38	0	0	7	14
2008	345	345	100	43	37	0	0	7	12		
Lebanon		1995	197	200	102	35	56	0	0	10	0
		2000	202	190	94	89	3	4	1	3	1
		2005	131	131	100	81	11	2	1	6	0
		2006	112	112	100	83	7	4	0	5	1
		2007	143	143	100	78	12	1	1	4	4
2008	158	158	100	63	13	3	1	2	18		
Libyan Arab Jamahiriya		1995		626	–	65	0	1	1	33	0
		2000	607		–						
		2005	860	860	100	40	29	2	0	27	2
		2006	745	745	100	45	32	1	0	20	3
		2007	772	772	100	43	24	2	0	27	4
2008	871	872	100	52	17	3	1	24	4		
Morocco		1995	14 171	14 171	100	75	14	2	1	7	1
		2000	12 872	12 872	100	82	7	3	1	7	1
		2005	12 757	12 683	99	76	5	2	1	9	7
		2006	12 280	12 280	100	80	7	2	1	9	1
		2007	11 937	11 937	100	78	8	2	1	10	1
2008	11 825	11 956	101	79	7	2	1	10	1		
Oman		1995	135	93	69	84	0	9	1	1	5
		2000	164	112	68	93	0	4	3	0	0
		2005	131	104	79	90		10			0
		2006	184	118	64	86	0	12	0	0	2
		2007	187	187	100	91	0	9	0	0	0
2008	171	171	100	96	2	2	0	0	0		
Pakistan		1995	2 578	802	31	51	20	4	1	20	4
		2000	3 285	4 074	124	58	16	4	1	17	4
		2005	48 319	48 205	100	71	13	3	1	9	4
		2006	65 253	65 589	101	75	13	3	1	6	2
		2007	88 747	88 502	100	77	14	2	1	4	2
2008	100 102	100 103	100	74	16	2	1	5	3		
Qatar		1995	60	43	72	81	0	5	0	0	14
		2000	53	53	100	66	0	8	0	0	26
		2005	96	96	100	74	9	1	0	0	16
		2006	115	115	100	62	7	1	0	0	30
		2007	116	116	100	60	7	0	0	1	32
2008	201	201	100	60	13	1	0	0	26		
Saudi Arabia		1995			–						
		2000	1 595	1 285	81	62	11	7	0	13	6
		2005	1 722	1 722	100	60	5	7	1	10	17
		2006	1 914	1 863	97	62	7	6	1	7	17
		2007	1 984	1 920	97	59	8	6	1	13	12
2008	2 108	2 104	100	54	6	6	2	8	24		
Somalia		1995	1 572	1 278	81	82	4	4	5	5	0
		2000	3 776	3 776	100	81	2	4	2	3	9
		2005	7 068	7 059	100	85	4	4	1	4	2
		2006	6 861	6 861	100	86	3	3	1	4	3
		2007	6 130	6 150	100	82	4	4	2	3	5
2008	6 520	6 520	100	78	3	3	2	3	11		
Sudan		1995	8 761	8 326	95	44	35	2	7	11	1
		2000	12 311	14 599	119	50	25	4	2	9	11
		2005	12 730	12 730	100	64	18	3	1	9	5
		2006	12 194	12 150	100	67	14	2	1	7	8
		2007	12 627	12 958	103	60	18	3	1	7	11
2008	10 800	10 766	100	62	20	3	1	10	5		

* TREATMENT SUCCESS = percent cured + percent completed then rounded to the nearest digit.

TABLE A2.4 Treatment outcomes, new smear-positive cases, 1995–2008

	TREATMENT SUCCESS (%) ^a 1995–2008	YEAR	NUMBER NOTIFIED	SIZE OF COHORT	COHORT AS % NOTIFIED	% OF COHORT					
						CURED	COMPLETED	DIED	FAILED	DEFAULTED	NOT EVALUATED
Syrian Arab Republic		1995	1 295	1 295	100	45	16	2	9	24	5
		2000	1 584	1 562	99	69	10	4	3	11	4
		2005	1 350	1 350	100	76	13	3	2	6	1
		2006	1 352	1 352	100	74	13	3	2	7	2
		2007	1 155	1 155	100	76	13	3	1	6	2
Tunisia		2008	1 116	1 115	100	86	3	3	2	6	2
		1995	1 243	–	–	–	–	–	–	–	–
		2000	1 099	1 099	100	87	4	3	2	2	2
		2005	915	910	99	83	7	2	1	2	4
		2006	922	901	98	84	7	3	1	3	2
United Arab Emirates		2007	941	941	100	74	15	3	1	2	4
		2008	1 005	967	96	76	10	3	1	2	8
		1995	–	–	–	–	–	–	–	–	–
		2000	73	73	100	56	18	7	4	5	10
		2005	62	62	100	42	31	6	0	15	6
West Bank and Gaza Strip		2006	52	52	100	44	35	4	2	15	0
		2007	56	59	105	20	44	12	3	20	0
		2008	50	53	106	25	43	9	0	23	0
		1995	9	13	144	100	–	–	–	–	–
		2000	37	–	–	–	–	–	–	–	–
Yemen		2005	7	12	171	58	42	0	0	0	0
		2006	16	16	100	50	44	6	0	0	0
		2007	13	14	108	50	43	0	7	0	0
		2008	16	16	100	38	56	0	0	6	0
		1995	3 681	3 681	100	43	9	1	1	35	11
		2000	5 565	5 565	100	59	13	3	1	14	10
		2005	3 379	3 566	106	69	11	3	1	6	10
		2006	3 342	3 337	100	74	9	3	2	7	5
		2007	3 537	3 523	100	75	9	3	1	5	6
		2008	3 540	3 540	100	75	9	3	1	5	7

^a TREATMENT SUCCESS = percent cured + percent completed then rounded to the nearest digit.

TABLE A2.5 Treatment outcomes, retreatment cases, 1995–2008

	TREATMENT SUCCESS (%) ^a 1995–2008	YEAR	NUMBER NOTIFIED	SIZE OF COHORT	COHORT AS % NOTIFIED	% OF COHORT					
						CURED	COMPLETED	DIED	FAILED	DEFAULTED	NOT EVALUATED
Afghanistan		1995			–						
		2000	237	304	128	73	5	4	4	11	3
		2005	856	856	100	87	2	3	1	2	5
		2006	1 132	1 132	100	74	5	3	2	2	14
		2007	1 078	1 078	100	80	3	4	2	2	9
		2008	1 135		–						
Bahrain		1995	0		–						
		2000			–						
		2005	0		–						
		2006	0		–						
		2007	2	0	0	–	–	–	–	–	–
		2008	0	0	–	–	–	–	–	–	–
Djibouti		1995			–						
		2000	184	268	146	27	9	0	3	22	37
		2005	253	253	100	58	10	3	2	24	2
		2006	276	276	100	59	10	4	4	20	3
		2007	228	192	84	56	11	2	3	23	5
		2008	196	196	100	66	9	3	2	14	6
Egypt		1995	753		–						
		2000	620	956	154	52	11	7	12	13	5
		2005	738	738	100	41	17	10	12	8	12
		2006	799	799	100	47	22	6	12	6	6
		2007	585	585	100	49	16	8	10	8	9
		2008	792	779	98	39	32	8	8	9	4
Iran (Islamic Republic of)		1995	477		–						
		2000	405	606	150	63	13	6	5	6	7
		2005	428	448	105	68	8	9	3	4	8
		2006	481	485	101	66	8	11	3	6	7
		2007	444	447	101	68	9	8	3	5	8
		2008	423	692	164	57	15	8	4	5	11
Iraq		1995	68		–						
		2000	562		–						
		2005	768	953	124	60	12	4	8	12	4
		2006	603	748	124	63	12	2	5	16	2
		2007	554	797	144	58	14	4	4	17	2
		2008	685	685	100	62	18	2	4	11	2
Jordan		1995	6		–						
		2000	3	6	200	83	17	0	0	0	0
		2005	10		–						
		2006	9	26	289	31	46	0	4	15	4
		2007	11	3	27	0	67	33	0	0	0
		2008	1	12	1 200	8	67	0	8	17	0
Kuwait		1995	4		–						
		2000	0		–						
		2005	1	1	100	0	100	0	0	0	0
		2006	0	0	–	–	–	–	–	–	–
		2007	1	1	100	0	100	0	0	0	0
		2008	1	1	100	0	100	0	0	0	0
Lebanon		1995	3		–						
		2000	6	5	83	80					20
		2005	4	4	100	75	25	0	0	0	0
		2006	8	8	100	63	38	0	0	0	0
		2007	3	3	100	67	33	0	0	0	0
		2008	11	11	100	55	9	27	0	0	9
Libyan Arab Jamahiriya		1995			–						
		2000			–						
		2005	271		–						
		2006	252		–						
		2007	0	0	–	–	–	–	–	–	–
		2008	32		–	6	31	0	0	63	0
Morocco		1995		1 469	–	65	12	4	4	10	7
		2000			–						
		2005		1 650	–	55	17	4	5	14	5
		2006		1 732	–	54	18	3	3	16	5
		2007		1 421	–	65	8	4	3	14	6
		2008	1 646	1 535	93	65	8	4	5	18	1
Oman		1995	0		–						
		2000	8	7	88	86	0	0	14	0	0
		2005	4		–						
		2006	5	5	100	100	0	0	0	0	0
		2007	6	6	100	100	0	0	0	0	0
		2008	4	4	100	50	50	0	0	0	0
Pakistan		1995	184	374	203	48	22	2	5	24	0
		2000	341	907	266	37	17	6	3	29	8
		2005	5 429	5 009	92	61	15	5	3	11	5
		2006	5 550	5 566	100	59	18	4	3	11	4
		2007	7 738	7 184	93	61	18	4	3	11	3
		2008	7 983	7 685	96	62	17	5	3	10	4
Qatar		1995	1	3	300	67	0	0	0	0	33
		2000	0		–						
		2005	0		–						
		2006			–						
		2007	0	0	–	–	–	–	–	–	–
		2008	0	0	–	–	–	–	–	–	–
Saudi Arabia		1995			–						
		2000	112	139	124	43	15	7	3	13	19
		2005	205	96	47	40	9	9	5	18	19
		2006	101	101	100	53	10	6	1	14	16
		2007	150	133	89	46	16	6	3	27	2
		2008	145	141	97	34	10	5	4	16	31
Somalia		1995	134		–						
		2000	351	351	100	53	1	5	5	3	34
		2005	512	524	102	76	5	6	2	5	6
		2006	530	534	101	73	5	9	4	7	2
		2007	497	0	0	–	–	–	–	–	–
		2008	621	621	100	48	4	5	2	3	38
Sudan		1995	474		–						
		2000	2 141		–						
		2005	1 802	1 828	101	53	29	3	1	9	6
		2006	2 058	2 043	99	52	28	1	0	7	11
		2007	2 095	1 914	91	50	30	3	0	6	11
		2008	2 080	1 953	94	39	35	2	1	14	8

^a TREATMENT SUCCESS = percent cured + percent completed then rounded to the nearest digit.

TABLE A2.5 Treatment outcomes, retreatment cases, 1995–2008

	TREATMENT SUCCESS (%) ^a 1995–2008	YEAR	NUMBER NOTIFIED	SIZE OF COHORT	COHORT AS % NOTIFIED	% OF COHORT					
						CURED	COMPLETED	DIED	FAILED	DEFAULTED	NOT EVALUATED
Syrian Arab Republic		1995	28		–						
		2000	97	189	195	44	10	4	20	15	7
		2005	144	144	100	53	14	5	9	19	0
		2006	160	279	174	28	43	5	4	18	2
		2007	148	279	189	25	47	5	8	13	3
2008	267	266	100	26	51	5	5	12	3		
Tunisia		1995			–						
		2000	61	42	69	74	0	5	2	10	10
		2005	51		–						
		2006	36		–						
		2007	27		–						
2008	38		–								
United Arab Emirates		1995	0		–						
		2000	6	5	83	80	0	0	0	20	0
		2005	4	4	100	25	50	25	0	0	0
		2006	5	5	100	40	0	0	20	20	20
		2007	1	1	100	100	0	0	0	0	0
2008	1	1	100	100	0	0	0	0	0		
West Bank and Gaza Strip		1995			–						
		2000			–						
		2005		0	–						
		2006		0	–						
		2007		1	0	–					
2008		1	0	–							
Yemen		1995	275	14	5	29	14	21	14	14	7
		2000	440	437	99	64	8	7	6	11	4
		2005	351	351	100	48	9	2	3	7	30
		2006	311	301	97	66	7	5	3	5	13
		2007	325	324	100	64	7	4	3	7	15
2008	411	376	91	66	9	3	3	9	10		

^a TREATMENT SUCCESS = percent cured + percent completed then rounded to the nearest digit.

TABLE A.6 HIV testing and provision of CPT, ART and IPT, 2005–2009

		% OF TB PATIENTS WITH KNOWN HIV STATUS 2005–2009	YEAR	% OF TB PATIENTS WITH KNOWN HIV STATUS	NUMBER OF TB PATIENTS WITH KNOWN HIV STATUS	PATIENTS NOTIFIED (NEW AND RETREAT) ^a	NUMBER OF HIV-POSITIVE TB PATIENTS	% OF TESTED TB PATIENTS HIV-POSITIVE	% OF HIV-POSITIVE TB PATIENTS ON CPT	% OF HIV-POSITIVE TB PATIENTS ON ART	NUMBER OF HIV-POSITIVE PEOPLE PROVIDED IPT
Afghanistan			2005	–	–	21 844	–	–	–	–	
			2006	–	0	25 475	–	–	–	–	
			2007	0	0	28 769	0	–	–	0	
			2008	4	1 175	28 301	5	–	100	–	
			2009	4	1 175	27 091	5	–	100	–	
Bahrain			2005	46	128	280	6	0	0	0	
			2006	60	167	278	7	0	0	0	
			2007	69	203	296	7	0	0	0	
			2008	72	218	304	7	0	14	0	
			2009	79	256	326	9	0	11	0	
Djibouti			2005	7	224	3 170	135	60	15	0	
			2006	–	–	3 095	–	–	–	0	
			2007	12	396	3 257	54	14	–	–	
			2008	44	1 638	3 717	191	12	85	29	
			2009	55	2 091	3 804	207	10	–	23	
Egypt			2005	–	–	11 735	–	–	–	–	
			2006	3	361	10 400	12	3	100	100	
			2007	5	482	10 044	9	2	100	100	
			2008	5	521	9 760	9	2	100	100	
			2009	32	3 204	10 037	11	0	100	100	
Iran (Islamic Republic of)			2005	–	–	9 366	–	–	–	–	
			2006	11	1 087	9 535	210	19	4	2	
			2007	7	700	9 490	181	26	13	18	
			2008	7	700	9 579	213	32	8	13	
			2009	7	670	10 536	223	32	13	21	
Iraq			2005	–	–	9 454	–	–	–	–	
			2006	–	0	8 043	–	–	–	0	
			2007	0	0	7 863	0	–	–	–	
			2008	49	4 513	9 280	1	0	100	0	
			2009	63	6 121	9 668	1	0	100	0	
Jordan			2005	23	86	371	0	0	–	–	
			2006	27	104	381	0	0	–	–	
			2007	32	109	344	1	1	100	100	
			2008	29	104	356	0	0	–	0	
			2009	100	387	387	0	0	–	2	
Kuwait			2005	100	517	517	3	1	100	100	
			2006	100	644	644	2	0	100	100	
			2007	100	647	646	2	0	100	100	
			2008	100	867	867	2	0	100	100	
			2009	100	933	933	4	0	100	100	
Lebanon			2005	1	3	391	3	100	–	–	
			2006	1	5	375	5	100	0	0	
			2007	24	113	476	3	3	100	100	
			2008	28	144	523	10	7	100	100	
			2009	59	298	501	25	8	100	100	
Libyan Arab Jamahiriya			2005	–	–	2 367	–	–	–	–	
			2006	–	–	2 274	–	–	–	–	
			2007	5	116	2 119	116	100	100	116	
			2008	48	970	2 010	174	18	–	144	
			2009	45	950	2 110	144	15	–	–	
Morocco			2005	–	–	26 269	–	–	–	–	
			2006	–	0	26 099	–	–	–	–	
			2007	0	0	25 562	–	–	–	–	
			2008	5	1 254	27 119	21	2	–	–	
			2009	0	77	27 664	0	0	–	0	
Oman			2005	98	257	261	10	4	100	100	
			2006	99	334	339	10	3	100	100	
			2007	100	328	328	14	4	100	100	
			2008	100	352	352	8	2	100	100	
			2009	100	334	334	3	1	100	100	
Pakistan			2005	0	0	144 969	0	–	–	–	
			2006	–	–	179 067	–	–	–	–	
			2007	0	0	234 100	0	–	–	–	
			2008	3	8 450	248 678	17	0	100	100	
			2009	1	4 714	320 067	7	0	100	100	
Qatar			2005	100	325	325	–	–	–	–	
			2006	100	339	339	0	0	–	0	
			2007	100	399	399	1	0	100	100	
			2008	100	567	567	1	0	100	100	
			2009	100	619	619	0	0	–	0	
Saudi Arabia			2005	–	–	3 539	–	–	–	–	
			2006	–	–	3 774	–	–	–	–	
			2007	–	–	4 013	28	100	100	–	
			2008	–	–	4 064	31	100	100	12	
			2009	47	1 929	4 093	49	3	–	–	
Somalia			2005	3	375	13 006	21	6	38	–	
			2006	–	–	11 904	–	–	–	0	
			2007	–	–	11 130	–	–	–	0	
			2008	–	–	12 481	–	–	–	0	
			2009	6	698	11 271	96	14	93	7	
Sudan			2005	1	180	29 178	150	83	10	10	
			2006	1	189	29 019	20	11	100	–	
			2007	2	514	29 379	98	19	60	39	
			2008	14	3 680	25 444	471	13	32	52	
			2009	60	16 168	27 037	692	4	43	54	
Syrian Arab Republic			2005	8	345	4 393	0	0	–	–	
			2006	7	267	4 025	0	0	–	0	
			2007	7	285	4 309	1	0	0	100	
			2008	5	203	3 938	0	0	–	0	
			2009	–	–	4 151	–	–	–	–	
Tunisia			2005	6	129	2 079	2	2	100	100	
			2006	5	112	2 131	3	3	167	100	
			2007	4	98	2 282	7	7	0	100	
			2008	4	89	2 280	2	2	0	100	
			2009	6	130	2 155	2	2	0	100	
United Arab Emirates			2005	–	–	105	–	–	–	–	
			2006	–	–	90	–	–	–	–	
			2007	–	–	97	–	–	–	–	
			2008	–	–	93	–	–	–	–	
			2009	–	–	116	–	–	–	–	
West Bank and Gaza Strip			2005	46	13	28	0	0	–	–	
			2006	100	42	42	0	0	–	–	
			2007	100	34	34	0	0	–	–	
			2008	98	40	41	0	0	–	0	
			2009	97	35	36	0	0	–	0	
Yemen			2005	–	–	9 063	–	–	–	–	
			2006	0	6	8 468	6	100	–	–	
			2007	0	0	8 427	0	–	–	0	
			2008	–	–	8 290	–	–	–	0	
			2009	–	–	8 562	–	–	–	–	

^a Data presented as of 31 August 2010. Notification data for European Union countries were not available.

TABLE A2.7 Testing for MDR-TB and number of confirmed cases of MDR-TB, 2005–2009

YEAR	TOTAL CONFIRMED CASES OF MDR-TB ^a	NEW CASES			PREVIOUSLY TREATED CASES				
		NOTIFIED	NUMBER OF NOTIFIED TESTED FOR MDR-TB	% OF NOTIFIED TESTED FOR MDR-TB	NUMBER OF CONFIRMED CASES OF MDR-TB	NOTIFIED	NUMBER OF NOTIFIED TESTED FOR MDR-TB	% OF NOTIFIED TESTED FOR MDR-TB	NUMBER OF CONFIRMED CASES OF MDR-TB
Afghanistan	2005	20 988	–	–	–	856	–	–	–
	2006	24 343	–	–	–	1 132	–	–	–
	2007	27 691	0	0	0	1 078	0	0	0
	2008	27 166	0	0	0	1 135	0	0	0
	2009	25 068	–	–	–	1 290	–	–	–
Bahrain	2005	1	290	2	1	2	0	–	2
	2006	2	278	2	1	2	0	–	–
	2007	–	294	–	–	–	–	–	–
	2008	0	304	24	8	0	0	–	0
	2009	0	326	42	13	0	0	–	0
Djibouti	2005	39	2 917	0	0	253	0	0	0
	2006	–	2 819	–	–	276	–	–	–
	2007	–	3 029	0	0	228	0	0	–
	2008	–	3 521	0	0	196	0	0	–
	2009	–	3 594	–	–	210	–	–	–
Egypt	2005	–	10 997	–	–	738	–	–	–
	2006	119	9 601	44	0	799	168	21	112
	2007	277	9 459	393	4	585	506	86	269
	2008	96	8 968	42	0	792	792	100	89
	2009	204	9 289	60	1	748	775	104	190
Iran (Islamic Republic of)	2005	27	8 918	205	2	7	428	41	10
	2006	28	9 054	432	5	4	481	90	19
	2007	43	9 046	386	4	4	444	144	32
	2008	19	9 156	208	2	3	423	90	21
	2009	–	9 763	–	–	773	–	–	–
Iraq	2005	–	8 686	–	–	768	–	–	–
	2006	20	7 440	–	–	603	–	–	–
	2007	9	7 309	0	0	554	34	6	9
	2008	63	8 595	0	0	685	173	25	63
	2009	72	8 917	0	0	751	163	22	72
Jordan	2005	19	361	98	27	9	10	33	330
	2006	14	355	72	20	3	9	16	178
	2007	5	333	70	21	1	11	33	300
	2008	6	337	58	17	5	4	400	1
	2009	8	363	95	26	6	20	7	35
Kuwait	2005	6	516	516	100	6	1	100	0
	2006	10	644	644	100	10	0	0	0
	2007	8	645	645	100	7	1	100	1
	2008	8	866	866	100	8	1	100	0
	2009	9	932	427	46	9	1	100	0
Lebanon	2005	3	387	48	12	0	4	100	2
	2006	3	367	6	2	1	8	19	238
	2007	2	473	8	2	0	3	11	367
	2008	3	512	7	1	0	11	11	100
	2009	4	491	14	3	1	10	10	100
Libyan Arab Jamahiriya	2005	8	2 096	4	0	4	271	–	4
	2006	–	2 022	–	–	–	252	–	–
	2007	1	2 119	1	0	1	0	–	–
	2008	–	2 010	4	0	4	7	–	3
	2009	–	2 087	–	–	23	–	–	–
Morocco	2005	180	26 269	180	1	–	–	–	–
	2006	–	26 099	–	–	–	–	–	–
	2007	59	25 562	52	0	39	24	–	9
	2008	143	25 473	140	1	9	1 646	305	19
	2009	–	26 059	–	–	1 605	–	–	57
Oman	2005	5	257	–	–	5	4	–	–
	2006	2	334	2	1	2	5	0	0
	2007	5	322	141	44	3	6	15	250
	2008	4	348	139	40	3	4	4	100
	2009	5	327	248	76	4	7	7	100
Pakistan	2005	0	139 540	0	–	0	5 429	0	0
	2006	–	173 517	–	–	–	5 550	–	–
	2007	0	226 352	0	0	0	7 738	0	0
	2008	40	240 695	2	0	2	7 983	38	0
	2009	49	310 867	5	0	5	9 200	60	1
Qatar	2005	2	325	264	81	0	2	0	0
	2006	1	339	193	57	1	0	0	0
	2007	–	399	399	100	–	0	–	–
	2008	5	567	440	78	5	0	0	0
	2009	3	619	322	52	3	0	0	0
Saudi Arabia	2005	–	3 334	–	–	205	–	–	–
	2006	–	3 673	–	–	101	–	–	–
	2007	–	3 863	–	–	150	–	–	–
	2008	21	3 919	–	–	145	–	–	–
	2009	–	3 949	–	–	144	–	–	–
Somalia	2005	–	12 494	–	–	512	–	–	–
	2006	–	11 374	–	–	530	–	–	–
	2007	0	10 633	0	0	497	0	0	0
	2008	0	11 860	0	0	621	0	0	0
	2009	–	10 616	–	–	655	–	–	–
Sudan	2005	45	27 376	–	–	1 802	4	0	4
	2006	–	26 961	–	–	2 058	–	–	–
	2007	51	27 284	43	0	2 095	135	6	30
	2008	70	23 364	93	0	36	2 080	65	3
	2009	94	25 044	125	0	35	1 993	207	10
Syrian Arab Republic	2005	7	4 249	0	0	0	144	0	0
	2006	14	3 865	0	0	0	160	20	13
	2007	12	4 030	4	0	2	148	22	15
	2008	31	3 671	0	0	0	267	0	0
	2009	14	3 975	–	–	176	14	8	14
Tunisia	2005	–	2 028	–	–	51	–	–	–
	2006	10	2 095	–	–	8	–	–	–
	2007	12	2 255	–	–	27	–	–	–
	2008	36	2 242	–	–	8	–	–	–
	2009	21	2 113	380	18	5	–	–	28
United Arab Emirates	2005	2	99	–	–	6	–	–	4
	2006	0	86	–	–	4	–	–	–
	2007	1	92	–	–	5	–	–	1
	2008	1	92	–	–	1	1	100	0
	2009	–	116	–	–	0	–	–	–
West Bank and Gaza Strip	2005	–	28	–	–	–	–	–	–
	2006	0	42	0	0	0	0	–	0
	2007	0	33	0	0	1	0	0	0
	2008	0	40	0	0	1	0	0	0
	2009	0	34	0	0	2	0	0	0
Yemen	2005	1	8 712	–	–	351	–	–	–
	2006	21	8 157	510	6	15	311	53	17
	2007	1	8 102	74	1	1	325	13	4
	2008	1	7 879	66	1	1	411	56	14
	2009	13	8 248	42	1	2	314	30	10

^a TOTAL CONFIRMED CASES OF MDR-TB includes cases with unknown previous treatment history (i.e. not included under NEW CASES or PREVIOUSLY TREATED CASES).

TABLE A2.8 New smear-positive case notification by age and sex, 1995–2009

YEAR	MALE								FEMALE								MALE/FEMALE RATIO
	0–14	15–24	25–34	35–44	45–54	55–64	65+	UN-KNOWN	0–14	15–24	25–34	35–44	45–54	55–64	65+	UN-KNOWN	
Afghanistan	1995																–
	2000	52	228	183	149	129	94	80	93	414	565	339	205	99	36		0.5
	2005	151	606	560	472	453	470	419	320	1 651	1 959	1 302	869	471	246		0.5
	2009	200	906	705	499	491	596	570	439	2 173	2 186	1 541	1 014	764	419		0.5
Bahrain	1995	0	0	1	2	3	1	3	0	1	1	2	0	1	1		1.7
	2000	0	0	3	2	5	3	4	0	1	2	0	1	1	1		2.8
	2005	0	0	0	2	3	0	4	1	1	0	3	1	0	0		1.5
	2009	0	13	37	21	13	7	1	0	14	18	3	2	0	2	0	2.4
Djibouti	1995																–
	2000	17	302	347	139	67	60	42	12	147	156	47	31	17	10		2.3
	2005	18	220	252	119	62	47	29	23	123	117	66	23	13	8		2.0
	2009	18	230	295	183	90	49	24	0	18	139	154	85	52	29	11	1.8
Egypt	1995	223	542	665	460	408	463	160	134	288	367	274	256	160	75		1.9
	2000	21	641	827	667	476	307	158	55	457	343	257	211	112	48		2.1
	2005	25	524	606	421	414	243	123	48	431	298	205	218	132	42		1.7
	2009	17	536	599	797	885	417	271	0	10	317	369	456	210	191	126	2.1
Iran (Islamic Republic of)	1995	118	751	754	636	494	737	921	234	1 039	890	664	613	685	788		0.9
	2000	29	438	467	387	295	344	642	77	593	410	322	320	407	647		0.9
	2005	16	352	531	338	281	260	630	45	394	205	186	260	382	701		1.1
	2009	15	302	509	305	335	326	753	0	46	455	276	210	273	396	951	1.0
Iraq	1995	1 125	862	1 409	1 085	863	900	271	725	304	1 208	915	800	886	200		1.3
	2000	21	627	317	297	205	135	101	37	338	241	136	134	103	87		1.6
	2005	13	424	644	261	245	189	148	44	305	260	151	197	135	80		1.6
	2009	33	377	506	340	263	213	196	0	63	361	294	186	216	158	141	1.4
Jordan	1995	0	19	37	17	20	26	11	1	15	4	10	14	12	7		2.1
	2000	0	8	16	13	9	14	2	0	8	9	1	2	2	5		2.3
	2005	0	8	17	9	4	6	5	1	6	6	5	8	5	5		1.3
	2009	1	5	15	14	10	7	6	0	7	14	8	3	7	12	0	1.1
Kuwait	1995	0	15	51	32	17	9	0	0	8	24	9	4	4	2		2.4
	2000	0	10	44	32	21	11	5	1	11	24	12	5	3	1		2.2
	2005	0	12	45	29	26	8	3	0	13	31	11	3	1	5		1.9
	2009	0	26	72	67	36	12	8	0	1	39	86	18	10	4	7	1.3
Lebanon	1995	3	26	32	30	16	16	10	1	16	18	13	8	5	3		2.1
	2000	5	16	28	20	15	17	14	4	31	26	9	7	4	6		1.3
	2005	0	12	19	15	10	12	8	1	25	14	8	3	3	1		1.4
	2009	1	12	22	13	9	12	7	0	2	28	40	14	2	8	9	0.7
Libyan Arab Jamahiriya	1995	2	112	212	78	46	22	21	5	34	31	19	20	13	11		3.7
	2000	5	101	239	86	36	29	32	6	43	35	24	24	16	22		3.1
	2005	2	114	293	168	52	19	35	8	36	36	35	21	21	20		3.9
	2009	4	131	295	180	73	30	23	0	11	54	63	26	10	14	22	3.7
Morocco	1995	142	2 508	2 872	1 737	819	573	553	191	1 708	1 288	703	461	317	299		1.9
	2000	99	2 061	2 423	1 705	855	485	595	170	1 530	1 121	672	398	406	352		1.8
	2005	79	2 222	2 515	1 583	1 057	580	591	167	1 330	943	546	403	343	398		2.1
	2009	63	1 960	2 412	1 428	1 140	639	510	0	132	1 195	889	450	410	333	346	2.2
Oman	1995	1	7	12	7	7	10	11	2	18	13	5	5	6	3		1.1
	2000	1	8	9	11	12	9	11	2	17	5	7	5	11	6		1.2
	2005	1	21	11	24	15	19	5	2	13	5	3	4	5	3		2.7
	2009	0	28	35	23	13	10	11	0	2	11	14	4	6	1	6	2.7
Pakistan	1995	29	274	230	178	140	124	95	85	375	381	267	178	143	79		0.7
	2000	55	498	387	256	232	153	130	130	591	416	274	163	103	56		1.0
	2005	621	5 278	4 759	4 263	3 834	3 332	2 453	1 447	6 463	5 611	3 987	2 866	2 060	1 338		1.0
	2009	1 052	11 090	10 035	8 472	8 366	7 053	5 981	2 595	13 734	10 512	8 174	6 332	4 786	3 492		1.0
Qatar	1995	0	8	12	11	13	4	4	1	2	3	1	0	0	1		6.5
	2000	0	7	19	9	7	2	1	0	0	4	3	1	0	0		5.6
	2005	0	19	15	17	19	5	1	0	5	10	2	1	2	0		3.8
	2009	0	41	83	32	16	6	2	0	2	9	18	7	2	1	1	4.5
Saudi Arabia	1995																–
	2000	0	131	268	213	158	86	107	28	172	182	79	51	50	70		1.5
	2005	8	182	276	201	175	70	107	31	205	184	98	73	51	61		1.4
	2009	15	280	386	257	200	129	105	43	260	245	112	61	55	53		1.7
Somalia	1995	46	334	730	201	127	278	109	38	158	139	97	40	25	16		3.6
	2000	113	740	724	408	254	195	142	85	354	319	219	110	72	41		2.1
	2005	125	1 343	1 114	725	458	330	319	169	752	636	436	292	212	157		1.7
	2009	175	1 118	974	585	410	314	305	0	129	560	524	396	231	185	141	1.8
Sudan	1995	250	604	796	634	486	362	337	359	490	613	299	403	342	305		1.2
	2000	785	1 028	1 511	1 351	1 119	638	677	817	925	1 134	905	771	327	323		1.4
	2005	425	1 358	1 990	1 541	1 151	724	493	381	1 102	1 203	978	729	411	244		1.5
	2009	288	1 279	1 757	1 281	904	606	477	0	236	806	983	800	557	334	233	1.7
Syrian Arab Republic	1995	13	332	255	111	70	59	50	22	158	97	53	44	37	20		2.1
	2000	8	359	289	125	86	76	55	23	195	101	53	46	38	28		2.1
	2005	9	266	237	111	112	62	63	27	182	108	59	59	32	23		1.8
	2009	10	172	212	121	97	74	47	0	17	167	82	41	44	34	25	1.8
Tunisia	1995																–
	2000	16	139	208	156	109	65	101	7	68	59	43	21	21	58		2.9
	2005	5	103	172	133	115	53	81	7	66	61	39	36	16	28		2.6
	2009	6	80	175	122	134	71	81	0	7	52	55	43	42	18	45	2.6
United Arab Emirates	1995																–
	2000	2	4	4	6	5	12	10	3	16	1	3	0	0	4		1.6
	2005																–
	2009	2	8	9	8	6	4	4	1	0	8	5	2	7	0	6	1.5
West Bank and Gaza Strip	1995	1	2	0	0	1	0	3	0	1	0	0	1	0	0		3.5
	2000																–
	2005	0	1	3	1	1	3	0	0	0	1	1	0	1	0		2.5
	2009	0	1	3	1	0	0	1	0	0	0	2	0	1	0		1.5
Yemen	1995	57	400	605	256	201	148	45	83	420	720	348	200	106	92		0.9
	2000	110	789	689	493	314	255	127	161	799	627	517	345	247	92		1.0
	2005	48	493	553	366	242	149	78	44	426	410	265	181	85	39		1.3
	2009	32	509	562	359	248	166	121	58	476	437	269	189	90	60		1.3

^a Data presented as of 31 August 2010. Notification data for countries that are members of the European Union were not available.

TABLE A2.9 Laboratories, NTP services, drug management, human resources and infection control, 2009

	LABORATORIES				FREE THROUGH NTP			DRUG MANAGEMENT				% OF STAFF TRAINED BY THE NTP (IN 2009) ^b				TB NOTIFICATION RATE PER 100 000 HEALTH-CARE WORKERS
	SMAR LABS PER 100K POPULATION	CULTURE LABS PER 5M POPULATION	DST LABS PER 10M POPULATION	SECOND-LINE DIST AVAILABLE	NRL ^a	TB DIAGNOSIS	FIRST-LINE DRUGS	RIEAMPICIN USED THROUGHOUT TREATMENT	% OF PATIENTS TREATED WITH FDC ^c	PAEDIATRIC FORMULATIONS PROCURED	MEDICAL OFFICERS	NURSES	HEALTH ASSISTANTS	LABORATORY TECHNICIANS		
Afghanistan	2.1			No	Yes	Yes, all suspects	Yes	No	100	No	39	18	30	53		
Bahrain	2.3	12.6	12.6	Out of country	No	Yes, all suspects	Yes	Yes	100	Yes	0	0	0	0		
Dibouti	1.9	5.8	0	Out of country	Yes	Yes, all suspects	Yes	Yes	100	Yes	100	100	100	100		
Egypt	0.3	1.1	0.1	In country	Yes	If TB is confirmed	Yes	Yes	80	Yes	0	0	0	0		
Iran (Islamic Republic of)	0.5	2.6	0.3	In country	Yes	Yes, all suspects	Yes	Yes	0	Yes	0	0	10	8	5	
Iraq	0.4	0.7	0.3	In country	Yes	Yes, all suspects	Yes	Yes	65	Yes	9	0	70	70	12	
Jordan	2.5	39.6	1.6	No	Yes	Yes, all suspects	Yes	Yes	80	Yes	100	90	80	100	2	
Kuwait	3.4	17	3.4	In country	Yes	Yes, all suspects	Yes	Yes	60	Yes	70	70	70	70	12	
Lebanon	3.9	3.6	2.4	Out of country	Yes	For smear-positive TB	Yes	Yes	100	Yes	100	100	0	100	0	
Libyan Arab Jamahiriya	0.4	2.3	3.1	No	Yes	Yes, all suspects	Yes	Yes	0	Yes	0	0	0	0	0	
Morocco	0.5	2.2	0.6	No	Yes	Yes, all suspects	Yes	Yes	50	Yes	100	100	100	100	0	
Oman	6.7	17.6	3.5	In country	Yes	Yes, all suspects	Yes	Yes	50	No	100	100	100	100	0	
Pakistan	0.6	0.4	0.6	In country	Yes	Yes, all suspects	Yes	No	100	No	100	100	100	100	0	
Qatar	<0.1	3.5	7.1	In and out of city	Yes	Yes, all suspects	Yes	Yes	100	Yes	100	100	100	100	0	
Saudi Arabia	1.2	1.9	3.9	No	Yes	Yes, all suspects	Yes	Yes	0	No	0	0	0	0	0	
Somalia	0.6	0	0	No	No	If TB is confirmed	Yes	Yes	100	Yes	100	100	100	100	8360	
Sudan	0.9	0.1	0.2	No	Yes	Yes, all suspects	Yes	Yes	46	Yes	57	67	93	93	0	
Syrian Arab Republic	2.5	0.2	0.5	In country	Yes	Yes, all suspects	Yes	No	100	No	56	34	67	35	0	
Tunisia	0.6	3.4	4.9	In country	Yes	Yes, all suspects	Yes	Yes	50	No	0	0	0	0	0	
United Arab Emirates	0.1	1.2	0	In country	No	Yes, all suspects	Yes	Yes	0	No	0	0	0	0	0	
West Bank and Gaza Strip	1.1	0.8	0.8	No	Yes	Yes, all suspects	Yes	Yes	100	Yes	0	0	0	0	0	
Yemen	1.1	0.8	0.8	No	Yes	Yes, all suspects	Yes	Yes	100	Yes	0	0	0	0	0	

a NRL = national reference laboratory

b FDC = fixed-dose combination

c NURSES (Registered Nurses, Enrolled Nurses, Registered Midwives, Enrolled Midwives); HEALTH ASSISTANTS (Medical Assistants, Clinical Officers); LABORATORY TECHNICIANS (Microscopists)

European Region



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Estimates of mortality, prevalence and incidence

Estimated values are shown as best estimates followed by lower and upper bounds. The lower and upper bounds are defined as the 2.5th and 97.5th centiles of outcome distributions produced in simulations.

See ANNEX 1 for further details.

Estimated numbers are shown rounded to two significant figures. Estimated rates are shown rounded to three significant figures unless the value is under 100, in which case rates are shown rounded to two significant figures.

Estimates for all years are recalculated as new information becomes available and techniques are refined, so they may differ from those published in previous reports in this series. Estimates published in previous global TB control reports should no longer be used.

Graphs

Graphs where displayed show data from all years within the range stated.

Data source

Data shown in this annex are taken from the WHO global TB database on 31 August 2010. Data shown in the main part of the report were taken from the database on 17 June 2010. As a result, data in this annex may differ slightly from those in the main part of the report.

Data can be downloaded from www.who.int/tb/data.

Country notes

EU countries

Notification data for countries that are members of the European Union were not available on 31 August 2010. These data will be provided on-line when available.

Denmark

Data for Denmark exclude Greenland.

TABLE A2.1 Estimates of the burden of disease caused by TB, 1990–2009

YEAR	POPULATION (MILLIONS)	MORTALITY (EXCLUDING HIV)		PREVALENCE (INCLUDING HIV)		INCIDENCE (INCLUDING HIV)		
		NUMBER (THOUSANDS)	RATE ^a	NUMBER (THOUSANDS)	RATE	NUMBER (THOUSANDS)	RATE	
Albania	1990	3	0.029 (-0.01–0.069)	<1 (-1–2.1)	1.1 (0.32–2.2)	34 (9.6–68)	0.8 (0.65–1.2)	24 (20–35)
	1995	3	0.018 (-0.01–0.036)	<1 (-1–1.2)	0.94 (0.26–1.7)	30 (8.4–53)	0.76 (0.64–0.92)	24 (20–29)
	2000	3	0.016 (-0.01–0.033)	<1 (-1–1.1)	0.85 (0.24–1.5)	28 (7.8–49)	0.69 (0.6–0.83)	23 (20–27)
	2005	3	0.015 (-0.01–0.031)	<1 (-1–1)	0.75 (0.23–1.3)	24 (7.4–42)	0.58 (0.51–0.7)	19 (16–22)
	2006	3	0.015 (-0.01–0.029)	<1 (-1–1)	0.69 (0.21–1.2)	22 (6.8–39)	0.54 (0.47–0.65)	17 (15–21)
2007	3	0.013 (-0.01–0.026)	<1 (-1–1)	0.64 (0.19–1.1)	20 (6.1–36)	0.5 (0.44–0.6)	16 (14–19)	
2008	3	0.013 (-0.01–0.025)	<1 (-1–1)	0.62 (0.18–1.1)	20 (6–35)	0.49 (0.43–0.59)	16 (14–19)	
2009	3	<0.01 (-0.01–0.018)	<1 (-1–1)	0.55 (0.15–0.97)	17 (4.7–31)	0.46 (0.39–0.54)	15 (12–17)	
Andorra	1990	<1	<0.01 (-0.01–0.01)	3.3 (2.3–4.9)	0.04 (0.014–0.07)	75 (26–133)	0.029 (0.023–0.035)	54 (44–65)
	1995	<1	<0.01 (-0.01–0.01)	1.4 (1.4–1.5)	0.023 (-0.01–0.041)	35 (7.8–63)	<0.01 (-0.01–0.01)	<1 (-1–1)
	2000	<1	<0.01 (-0.01–0.01)	1.3 (1–1.7)	0.02 (-0.01–0.032)	29 (12–49)	0.014 (0.012–0.016)	21 (18–23)
	2005	<1	<0.01 (-0.01–0.01)	<1 (-1–1)	0.015 (-0.01–0.026)	19 (6.8–32)	0.012 (0.01–0.013)	14 (13–16)
	2006	<1	<0.01 (-0.01–0.01)	1.2 (-1–1.5)	0.022 (-0.01–0.035)	27 (12–43)	0.014 (0.012–0.016)	17 (15–19)
2007	<1	<0.01 (-0.01–0.01)	<1 (-1–1)	<0.01 (-0.01–0.014)	9.3 (2.1–17)	<0.01 (-0.01–0.01)	6.9 (6–7.8)	
2008	<1	<0.01 (-0.01–0.01)	<1 (-1–1)	<0.01 (-0.01–0.011)	7.4 (1.6–13)	<0.01 (-0.01–0.01)	5.4 (4.7–6.2)	
2009	<1	<0.01 (-0.01–0.01)	<1 (-1–1)	0.014 (-0.01–0.023)	16 (7.1–27)	<0.01 (-0.01–0.01)	10 (9.4–12)	
Armenia	1990	4	0.25 (0.12–0.46)	7 (3.3–13)	2 (0.7–4.1)	56 (20–115)	1.2 (0.65–1.7)	33 (18–48)
	1995	3	0.29 (0.21–0.4)	9 (6.4–13)	2.4 (1–4)	75 (32–125)	1.5 (1.2–1.8)	47 (37–56)
	2000	3	0.41 (0.29–0.58)	13 (9.3–19)	3.4 (1.5–5.8)	111 (47–188)	2.2 (1.7–2.6)	71 (57–85)
	2005	3	0.3 (0.2–0.46)	9.7 (6.7–15)	2.8 (0.92–5)	93 (30–164)	2.2 (1.8–2.6)	72 (57–86)
	2006	3	0.3 (0.21–0.47)	9.8 (6.7–15)	2.9 (0.93–5)	93 (30–164)	2.2 (1.8–2.7)	72 (58–86)
2007	3	0.35 (0.23–0.53)	11 (7.5–17)	3.1 (1.2–5.4)	102 (38–177)	2.2 (1.8–2.7)	72 (58–87)	
2008	3	0.37 (0.25–0.55)	12 (8.2–18)	3.3 (1.3–5.6)	106 (42–182)	2.2 (1.8–2.7)	73 (58–87)	
2009	3	0.38 (0.26–0.55)	12 (8.5–18)	3.3 (1.3–5.6)	107 (44–182)	2.2 (1.8–2.7)	73 (59–88)	
Austria	1990	8	0.11 (0.079–0.16)	1.4 (1–2.1)	2.7 (1–4.7)	35 (13–61)	1.9 (1.5–2.3)	25 (20–30)
	1995	8	0.096 (0.076–0.12)	1.2 (-1–1.5)	2.4 (0.92–3.9)	30 (12–49)	1.7 (1.5–1.9)	21 (19–24)
	2000	8	0.071 (0.064–0.079)	<1 (-1–1)	1.9 (0.71–3.1)	23 (8.9–39)	1.4 (1.2–1.5)	17 (15–19)
	2005	8	0.052 (0.047–0.057)	<1 (-1–1)	1.4 (0.51–2.3)	17 (6.1–28)	1.1 (0.93–1.2)	13 (11–15)
	2006	8	0.047 (0.043–0.052)	<1 (-1–1)	1.2 (0.4–2.1)	15 (4.9–25)	0.98 (0.86–1.1)	12 (10–13)
2007	8	0.043 (0.039–0.048)	<1 (-1–1)	1.1 (0.38–2)	14 (4.6–24)	0.93 (0.81–1.1)	11 (9.8–13)	
2008	8	0.044 (0.04–0.049)	<1 (-1–1)	1.2 (0.4–2)	14 (4.8–24)	0.94 (0.81–1.1)	11 (9.8–13)	
2009	8	0.044 (0.035–0.058)	<1 (-1–1)	1.1 (0.36–1.9)	13 (4.3–23)	0.91 (0.82–1.1)	11 (9.8–13)	
Azerbaijan	1990	7	1.2 (0.65–2)	17 (9–28)	16 (6.3–31)	222 (88–435)	7.9 (4.4–11)	110 (60–159)
	1995	8	1.4 (1.1–1.8)	18 (14–22)	18 (8.3–30)	232 (107–381)	8.5 (6.8–10)	110 (88–132)
	2000	8	1.1 (0.79–1.5)	13 (9.7–18)	15 (6.9–25)	189 (84–311)	8.9 (7.1–11)	110 (88–132)
	2005	8	1 (0.74–1.4)	12 (8.7–17)	15 (6.5–25)	178 (77–299)	9.3 (7.4–11)	110 (88–132)
	2006	9	1.1 (0.75–1.5)	12 (8.8–17)	15 (6.6–26)	179 (77–299)	9.4 (7.5–11)	110 (88–132)
2007	9	0.43 (0.36–0.49)	5 (4.2–5.7)	15 (6.7–26)	178 (77–298)	9.5 (7.6–11)	110 (88–132)	
2008	9	1 (0.72–1.5)	12 (8.3–17)	15 (6.5–26)	174 (74–293)	9.6 (7.7–11)	110 (88–132)	
2009	9	1 (0.7–1.4)	11 (7.9–16)	15 (6.3–25)	170 (71–286)	9.7 (7.9–12)	110 (89–132)	
Belarus	1990	10	2.1 (1.1–3.6)	21 (11–35)	16 (6.2–31)	155 (61–304)	8.2 (4.5–12)	80 (44–117)
	1995	10	1.7 (1.2–2.3)	17 (12–23)	14 (6–23)	133 (58–223)	8.3 (6.6–9.9)	80 (64–96)
	2000	10	0.81 (0.72–0.9)	8.1 (7.2–9)	9.5 (3.1–16)	95 (31–162)	7.5 (6.8–9)	75 (68–89)
	2005	10	0.67 (0.53–0.94)	6.8 (5.4–9.5)	6.7 (1.9–12)	68 (20–118)	5.7 (5.3–6.8)	58 (54–69)
	2006	10	0.52 (0.47–0.58)	5.4 (4.8–5.9)	5.7 (1.3–10)	59 (14–104)	5.2 (5.1–6.2)	53 (53–64)
2007	10	0.96 (0.86–1.1)	9.8 (8.8–11)	5.6 (1.3–10)	58 (13–103)	4.7 (3.8–5.6)	48 (39–58)	
2008	10	0.52 (0.47–0.57)	5.4 (4.8–5.9)	5.6 (1.3–9.9)	58 (13–103)	4.2 (3.4–5)	43 (35–52)	
2009	10	0.51 (0.46–0.57)	5.4 (4.8–5.9)	5.6 (1.3–9.9)	58 (13–103)	3.8 (3.1–4.5)	39 (32–47)	
Belgium	1990	10	0.13 (0.093–0.18)	1.3 (-1–1.9)	2.8 (1–4.8)	28 (10–48)	2 (1.6–2.4)	20 (16–24)
	1995	10	0.087 (0.071–0.12)	<1 (-1–1.1)	1.9 (0.63–3.3)	19 (6.2–33)	1.6 (1.4–1.8)	16 (14–18)
	2000	10	0.085 (0.067–0.11)	<1 (-1–1.1)	1.9 (0.68–3.2)	18 (6.7–31)	1.5 (1.3–1.7)	14 (13–16)
	2005	10	0.069 (0.054–0.092)	<1 (-1–1)	1.5 (0.52–2.6)	15 (5–25)	1.2 (1.1–1.4)	12 (10–13)
	2006	10	0.068 (0.054–0.09)	<1 (-1–1)	1.5 (0.54–2.5)	14 (5.1–24)	1.2 (1–1.4)	11 (10–13)
2007	11	0.062 (0.049–0.082)	<1 (-1–1)	1.4 (0.5–2.3)	13 (4.7–22)	1.1 (0.96–1.2)	10 (9.1–12)	
2008	11	0.048 (0.04–0.063)	<1 (-1–1)	1.1 (0.33–1.9)	10 (3.1–18)	0.93 (0.81–1.1)	8.8 (7.7–10)	
2009	11	0.049 (0.039–0.066)	<1 (-1–1)	1.1 (0.36–1.9)	10 (3.3–18)	0.91 (0.82–1.1)	8.6 (7.7–10)	
Bosnia and Herzegovina	1990	4	0.12 (0.059–0.39)	2.7 (1.4–9.2)	4.7 (1–9.1)	108 (23–210)	4 (2.2–5.8)	94 (51–136)
	1995	3	0.21 (0.12–0.35)	6.5 (3.6–10)	4.3 (1.7–7.3)	128 (52–220)	2.8 (2.2–3.4)	84 (67–101)
	2000	4	0.058 (0.038–0.078)	1.6 (1–2.1)	2.9 (0.64–5.2)	78 (17–139)	2.3 (1.9–2.8)	63 (50–75)
	2005	4	0.046 (0.03–0.062)	1.2 (-1–1.6)	2.3 (0.51–4.1)	61 (14–107)	2 (1.6–2.4)	52 (42–63)
	2006	4	0.046 (0.03–0.062)	1.2 (-1–1.6)	2.3 (0.51–4.1)	61 (13–108)	2 (1.8–2.3)	52 (47–62)
2007	4	0.043 (0.028–0.058)	1.1 (-1–1.5)	2.2 (0.48–3.8)	57 (13–101)	1.9 (1.5–2.3)	51 (41–61)	
2008	4	0.043 (0.028–0.057)	1.1 (-1–1.5)	2.1 (0.48–3.8)	56 (13–100)	1.9 (1.7–2.3)	51 (45–61)	
2009	4	0.074 (0.039–0.14)	2 (1–3.6)	2.3 (0.69–4)	62 (18–107)	1.9 (1.6–2.2)	50 (43–58)	
Bulgaria	1990	9	0.54 (0.25–1)	6.1 (2.8–12)	6.7 (2.3–14)	76 (26–158)	4.1 (2.3–5.9)	46 (26–67)
	1995	8	0.25 (0.23–0.28)	3 (2.7–3.3)	4.2 (0.95–7.6)	51 (11–90)	3.9 (3.2–4.6)	46 (39–55)
	2000	8	0.33 (0.29–0.36)	4.1 (3.7–4.5)	4.2 (1–7.3)	52 (13–91)	3.7 (3.3–4.4)	46 (42–55)
	2005	8	0.27 (0.25–0.3)	3.5 (3.2–3.9)	4.5 (1.4–7.7)	58 (18–99)	3.5 (3.2–4.3)	46 (42–55)
	2006	8	0.26 (0.23–0.29)	3.4 (3–3.7)	4.3 (1.4–7.4)	56 (18–96)	3.4 (3.1–4.1)	45 (41–54)
2007	8	0.27 (0.24–0.3)	3.6 (3.2–3.9)	3.6 (0.97–6.3)	48 (13–83)	3.1 (2.8–3.8)	41 (37–49)	
2008	8	0.23 (0.21–0.25)	3 (2.7–3.4)	4 (1.2–6.9)	52 (16–90)	3.2 (2.9–3.9)	43 (39–51)	
2009	8	0.22 (0.18–0.33)	3.1 (2.4–4.4)	3.7 (1–6.4)	49 (14–84)	3.1 (2.7–3.6)	41 (36–47)	
Croatia	1990	5	0.41 (0.28–0.57)	9 (6.4–13)	4.7 (1.8–8.2)	105 (41–181)	3.2 (2.6–3.9)	71 (57–86)
	1995	5	0.25 (0.2–0.37)	5.3 (4.3–7.1)	3 (0.96–5.2)	65 (21–112)	2.4 (2.1–2.7)	52 (45–59)
	2000	5	0.17 (0.16–0.19)	3.9 (3.5–4.3)	2.5 (0.86–4.2)	55 (19–92)	1.9 (1.6–2.1)	42 (36–47)
	2005	4	0.11 (0.1–0.13)	2.6 (2.3–2.9)	1.5 (0.47–2.6)	34 (11–58)	1.2 (1.1–1.4)	27 (24–31)
	2006	4	0.15 (0.13–0.16)	3.3 (3–3.6)	1.5 (0.53–2.6)	35 (12–59)	1.2 (1–1.3)	27 (23–30)
2007	4	0.1 (0.092–0.11)	2.3 (2.1–2.6)	1.3 (0.42–2.3)	30 (9.4–52)	1.1 (0.95–1.2)	25 (21–28)	
2008	4	0.1 (0.094–0.12)	2.4 (2.1–2.6)	1.5 (0.5–2.5)	33 (11–56)	1.1 (0.98–1.3)	25 (22–29)	
2009	4	0.11 (0.09–0.15)	2.5 (2–3.4)	1.4 (0.43–2.4)	31 (9.8–53)	1.1 (0.98–1.3)	25 (22–29)	
Cyprus	1990	<1	<0.01 (-0.01–0.01)	<1 (-1–1)	0.041 (-0.01–0.071)	6 (1.3–10)	0.036 (0.029–0.044)	5.3 (4.3–6.4)
	1995	<1	<0.01 (-0.01–0.01)	<1 (-1–1)	0.058 (0.023–0.096)	7.9 (3.1–13)	0.041 (0.036–0.047)	5.7 (4.9–6.4)
	2000	<1	<0.01 (-0.01–0.01)	<1 (-1–1)	0.043 (-0.01–0.074)	5.4 (1.2–9.5)	0.038 (0.033–0.043)	4.8 (4.2–5.5)
	2005	<1	<0.01 (-0.01–0.01)	<1 (-1–1)	0.051 (0.018–0.087)	6.1 (2.1–10)	0.039 (0.034–0.044)	4.7 (4.1–5.3)
	2006	<1	<0.01 (-0.01–0.01)	<1 (-1–1)	0.052 (0.016–0.089)	6.1 (1.9–11)	0.041 (0.036–0.047)	4.9 (4.3–5.5)
2007	<1	<0.01 (-0.01–0.01)	<1 (-1–1)	0.062 (0.022–0.11)	7.3 (2.6–12)	0.047 (0.041–0.053)	5.5 (4.8–6.2)	
2008	<1	<0.01 (-0.01–0.01)	<1 (-1–1)	0.06 (0.021–0.1)	7 (2.4–12)	0.048 (0.042–0.055)	5.6 (4.9–6.3)	
2009	<1	<0.01 (-0.01–0.01)	<1 (-1–1)	0.059 (0.018–0.1)	6.8 (2.1–12)	0.048 (0.042–0.055)	5.5 (4.9–6.3)	
Czech Republic	1990	10	0.17 (0.12–0.25)	1.6 (1.2–2.4)	3.2 (1.1–5.7)	31 (11–56)	2.4 (1.9–2.9)	23 (19–28)
	1995	10	0.13 (0.11–0.17)	1.3 (1–1.7)	2.6 (0.78–4.4)	25 (7.5–43)	2.1 (1.8–2.4)	20 (18–23)
	2000	10	0.13 (0.11–0.14)	1.2 (1.1–1.3)	2 (0.66–3.5)	20 (6.4–34)	1.6 (1.4–1.8)	16 (14–18)
	2005	10	0.068 (0.061–0.075)	<1 (-1–1)	1.4 (0.46–2.4)	14 (4.6–24)	1.1 (0.97–1.3)	11 (9.5–12)
	2006	10	0.06 (0.054–0.066)	<1 (-1–1)	1.4 (0.53–2.4)	14 (5.1–24)	1.1 (0.94–1.2)	11 (9.2–12)
2007	10	0.068 (0.062–0.075)	<1 (-1–1)	1.1 (0.31–1.9)	11 (3–18)	0.91 (0.79–1)	8.8 (7.7–10)	
2008	10	0.052 (0.047–0.058)	<1 (-1–1)	1.2 (0.41–2)	12 (4–20)	0.93 (0.81–1.1)	9 (7.9–10)	
2009	10	0.057 (0.046–0.076)	<1 (-1–1)	1.1 (0.36–1.9)	11 (3.4–19)	0.91 (0.81–1.1)	8.8 (7.8–10)	
Denmark	1990	5	0.022 (0.016–0.032)	<1 (-1–1)	0.61 (0.22–1.1)	12 (4.3–21)	0.44 (0.35–0.53)	8.5 (6.8–10)
	1995	5	0.021 (0.018–0.028)	<1 (-1–1)	0.62 (0.18–1.1)	12 (3.5–20)	0.52 (0.45–0.58)	9.9 (8.6–11)
	2000	5	0.02 (0.018–0.023)	<1 (-1–1)	0.91 (0.34–1.5)	17 (6.3–28)	0.68 (0.59–0.76)	13 (11–14)
	2005	5	0.019 (0.017–0.021)	<1 (-1–1)	0.62 (0.24–1)	11 (4.4–19)	0.45 (0.4–0.51)	8.4 (7.3–9.5)
	2006	5	0.015 (0.014–0.017)	<1 (-1–1)	0.6 (0.14–0.8)	8.6 (2.5–15)	0.39 (0.34–0.44)	7.2 (6.3–8.2)
2007	5	0.019 (0.015–0.025)	<1 (-1–1)	0.54 (0.19–0.9)	9.9 (3.6–17)	0.41 (0.36–0.46)	7.5 (6.5–8.5)	
2008	5	0.017 (0.013–0.022)	<1 (-1–1)	0.47 (0.15–0.81)	8.7 (2.7–15)	0.38 (0.33–0.43)	7 (6–7.9)	
2009	5	0.016 (0						

TABLE A2.1 Estimates of the burden of disease caused by TB, 1990–2009

YEAR	POPULATION (MILLIONS)	MORTALITY (EXCLUDING HIV)		PREVALENCE (INCLUDING HIV)		INCIDENCE (INCLUDING HIV)		
		NUMBER (THOUSANDS)	RATE ^a	NUMBER (THOUSANDS)	RATE	NUMBER (THOUSANDS)	RATE	
Estonia	1990	2	0.23 (0.12–0.38)	15 (7.9–25)	2 (0.79–4)	128 (50–252)	1 (0.57–1.5)	66 (36–96)
	1995	1	0.16 (0.12–0.22)	11 (8.2–15)	1.5 (0.61–2.5)	103 (43–174)	0.95 (0.76–1.1)	66 (53–80)
	2000	1	0.11 (0.097–0.12)	7.9 (7.1–9.7)	1.3 (0.46–2.2)	92 (34–159)	0.94 (0.79–1.1)	69 (58–82)
	2005	1	0.05 (0.045–0.055)	3.7 (3.3–4.1)	0.66 (0.22–1.1)	49 (16–84)	0.55 (0.48–0.65)	40 (36–49)
	2006	1	0.065 (0.059–0.072)	4.8 (4.4–5.3)	0.53 (0.16–0.92)	39 (12–68)	0.48 (0.42–0.58)	36 (31–43)
	2007	1	0.061 (0.055–0.067)	4.6 (4.1–5)	0.64 (0.24–1.1)	46 (18–81)	0.52 (0.46–0.62)	39 (34–46)
	2008	1	0.047 (0.043–0.052)	3.5 (3.2–3.9)	0.52 (0.16–0.89)	39 (12–66)	0.46 (0.4–0.52)	34 (30–41)
	2009	1	0.053 (0.043–0.071)	4 (3.2–5.3)	0.53 (0.16–0.89)	39 (12–67)	0.45 (0.4–0.52)	33 (30–39)
	1990	5	0.11 (0.077–0.15)	2.1 (1.5–3.1)	1.3 (0.47–2.3)	27 (9.5–47)	0.97 (0.77–1.2)	19 (15–23)
1995	5	0.082 (0.065–0.11)	1.6 (1.3–2.1)	1 (0.35–1.7)	20 (7.6–34)	0.76 (0.66–0.86)	15 (13–17)	
2000	5	0.084 (0.076–0.093)	1.6 (1.5–1.8)	0.79 (0.27–1.3)	15 (5.3–26)	0.61 (0.53–0.69)	12 (10–13)	
2005	5	0.038 (0.034–0.042)	<1 (<1–1)	0.53 (0.21–0.89)	10 (3.9–17)	0.39 (0.34–0.44)	7.4 (6.5–8.4)	
2006	5	0.021 (0.019–0.023)	<1 (<1–1)	0.37 (0.099–0.65)	7.1 (1.9–12)	0.32 (0.28–0.36)	6.1 (5.3–6.9)	
2007	5	0.027 (0.024–0.03)	<1 (<1–1)	0.43 (0.14–0.74)	8.2 (2.7–14)	0.35 (0.3–0.39)	6.5 (5.7–7.4)	
2008	5	0.027 (0.024–0.03)	<1 (<1–1)	0.5 (0.18–0.84)	9.4 (3.4–16)	0.38 (0.33–0.43)	7.2 (6.2–8.1)	
2009	5	0.036 (0.029–0.048)	<1 (<1–1)	0.46 (0.15–0.79)	8.6 (2.7–15)	0.37 (0.33–0.43)	7 (6.2–8.1)	
France	1990	57	1.1 (0.75–1.5)	1.9 (1.3–2.7)	16 (5.8–27)	27 (10–47)	11 (9–14)	20 (16–24)
	1995	58	0.86 (0.68–1.1)	1.5 (1.2–1.9)	13 (4.6–22)	22 (8–37)	10 (8.7–11)	17 (15–20)
	2000	59	0.66 (0.6–0.73)	1.1 (1–1.2)	8.9 (3.1–15)	15 (5.3–25)	7 (6.1–8)	12 (10–13)
	2005	61	0.44 (0.4–0.49)	<1 (<1–1)	5.8 (2.4–12)	11 (3.9–19)	5.6 (4.9–6.4)	9.2 (8–10)
	2006	61	0.42 (0.38–0.47)	<1 (<1–1)	6.6 (2.1–11)	11 (3.5–18)	5.5 (4.8–6.3)	9 (7.8–10)
	2007	62	0.37 (0.33–0.4)	<1 (<1–1)	8.6 (3.6–14)	14 (5.9–23)	6.1 (5.3–6.9)	9.9 (8.6–11)
	2008	62	0.27 (0.26–0.28)	<1 (<1–1)	4.3 (1.7–6)	6.9 (1.7–12)	3.9 (3.4–4.4)	6.2 (5.4–7)
	2009	62	0.3 (0.24–0.4)	<1 (<1–1)	4.6 (1.5–7.8)	7.3 (2.4–12)	3.8 (3.4–4.4)	6.1 (5.4–7)
	Georgia	1990	5	0.78 (0.43–1.2)	14 (7.9–23)	12 (4.9–24)	227 (90–439)	5.8 (3.2–8.4)
1995		5	0.58 (0.43–0.77)	12 (8.5–15)	9.8 (4.5–16)	194 (88–321)	5.4 (4.3–6.5)	107 (85–128)
2000		5	0.3 (0.27–0.33)	6.3 (5.6–6.9)	6.5 (2.1–11)	137 (44–236)	5.1 (4.4–6.1)	107 (93–128)
2005		4	0.27 (0.21–0.37)	5.9 (4.6–8.2)	5.8 (1.8–9.9)	129 (39–221)	4.8 (4.5–5.7)	107 (101–128)
2006		4	0.24 (0.2–0.33)	5.5 (4.5–7.5)	5.5 (1.5–9.5)	124 (34–214)	4.7 (4.6–5.6)	107 (103–128)
2007		4	0.24 (0.19–0.33)	5.4 (4.4–7.6)	5.4 (1.4–9.3)	123 (33–214)	4.6 (4.3–5.6)	107 (99–128)
2008		4	0.22 (0.19–0.3)	5.1 (4.4–7)	5.1 (1.3–9)	119 (29–208)	4.6 (4.4–5.5)	107 (102–128)
2009		4	0.21 (0.19–0.23)	4.8 (4.4–5.3)	5 (1.1–8.8)	116 (27–206)	4.5 (4.5–1)	107 (94–119)
Germany		1990	79	1.1 (0.75–1.5)	1.3 (<1–1.9)	26 (9.6–45)	33 (12–57)	18 (15–22)
	1995	82	0.7 (0.56–0.93)	<1 (<1–1.1)	18 (5.8–30)	22 (7.1–37)	14 (12–16)	17 (15–19)
	2000	82	0.5 (0.45–0.56)	<1 (<1–1)	14 (5–23)	17 (6.1–28)	10 (9.1–12)	13 (11–14)
	2005	82	0.33 (0.3–0.36)	<1 (<1–1)	8.1 (2.7–14)	9.8 (3.3–17)	6.4 (5.5–7.2)	7.7 (6.7–8.7)
	2006	82	0.34 (0.31–0.37)	<1 (<1–1)	7.3 (2.4–12)	8.8 (2.9–15)	5.8 (5–6.5)	7 (6.1–7.9)
	2007	82	0.28 (0.22–0.36)	<1 (<1–1)	6.9 (2.5–12)	8.4 (3.1–14)	5.3 (4.6–6)	6.4 (5.6–7.3)
	2008	82	0.19 (0.16–0.25)	<1 (<1–1)	4.9 (1.4–8.4)	6 (1.6–10)	4.2 (3.7–4.8)	5.1 (4.5–5.8)
	2009	82	0.2 (0.16–0.27)	<1 (<1–1)	5.1 (1.6–8.6)	6.2 (2–11)	4.1 (3.7–4.8)	5 (4.5–5.8)
	Greece	1990	10	0.18 (0.13–0.25)	1.8 (1.2–2.5)	1.6 (0.61–2.7)	16 (6–27)	1.1 (0.88–1.3)
1995		11	0.15 (0.12–0.2)	1.4 (1.1–1.9)	1.4 (0.46–2.3)	13 (4.3–22)	1.1 (0.94–1.2)	10 (8.8–11)
2000		11	0.088 (0.079–0.097)	<1 (<1–1)	1 (0.33–1.7)	9.2 (3–16)	0.81 (0.7–0.91)	7.4 (6.4–8.4)
2005		11	0.094 (0.084–0.1)	<1 (<1–1)	0.91 (0.31–1.6)	8.3 (2.8–14)	0.72 (0.63–0.81)	6.5 (5.7–7.4)
2006		11	0.084 (0.075–0.093)	<1 (<1–1)	0.82 (0.26–1.4)	7.4 (2.3–13)	0.67 (0.58–0.75)	6 (5.2–6.8)
2007		11	0.1 (0.09–0.11)	<1 (<1–1)	0.89 (0.32–1.5)	8 (2.9–14)	0.68 (0.59–0.77)	6.1 (5.3–6.9)
2008		11	0.083 (0.074–0.092)	<1 (<1–1)	0.75 (0.23–1.3)	6.7 (2.1–12)	0.62 (0.54–0.7)	5.5 (4.8–6.2)
2009		11	0.08 (0.065–0.11)	<1 (<1–1)	0.74 (0.23–1.3)	6.6 (2.1–11)	0.6 (0.54–0.7)	5.4 (4.8–6.2)
Hungary		1990	10	0.45 (0.32–0.65)	4.4 (3.1–6.3)	6.1 (2.1–11)	59 (20–103)	4.5 (3.6–5.4)
	1995	10	0.47 (0.37–0.62)	4.5 (3.6–6)	6.4 (2.2–11)	62 (21–105)	5 (4.3–5.6)	48 (42–55)
	2000	10	0.36 (0.33–0.4)	3.5 (3.2–3.9)	4.4 (1.4–7.5)	43 (13–73)	3.5 (3.1–4)	35 (30–39)
	2005	10	0.19 (0.17–0.21)	1.9 (1.7–2.1)	2.5 (0.73–4.3)	25 (7.3–43)	2.1 (1.8–2.4)	21 (18–23)
	2006	10	0.13 (0.12–0.14)	1.3 (1.1–1.4)	2.5 (0.84–4.2)	25 (8.3–42)	1.9 (1.7–2.2)	19 (17–22)
	2007	10	0.14 (0.13–0.16)	1.4 (1.3–1.6)	2.2 (0.74–3.8)	22 (7.4–38)	1.8 (1.5–2)	18 (15–20)
	2008	10	0.12 (0.11–0.13)	1.2 (1.1–1.3)	2 (0.65–3.5)	20 (6.4–35)	1.6 (1.4–1.9)	16 (14–19)
	2009	10	0.14 (0.12–0.19)	1.4 (1.2–1.9)	2 (0.62–3.4)	20 (6.2–34)	1.6 (1.4–1.9)	16 (14–19)
	Iceland	1990	<1	<0.01 (<0.01–0.01)	<1 (<1–1.1)	0.033 (0.013–0.056)	13 (5.1–22)	0.023 (0.018–0.027)
1995		<1	<0.01 (<0.01–0.01)	<1 (<1–1)	0.015 (<0.01–0.026)	5.6 (1.4–9.7)	0.014 (0.012–0.016)	5.2 (4.4–5.8)
2000		<1	<0.01 (<0.01–0.01)	<1 (<1–1)	0.02 (<0.01–0.032)	7 (2.8–11)	0.015 (0.013–0.017)	5.3 (4.6–6)
2005		<1	<0.01 (<0.01–0.01)	<1 (<1–1)	0.012 (<0.01–0.023)	4.1 (<1–7.9)	0.012 (0.01–0.013)	3.9 (3.4–4.4)
2006		<1	<0.01 (<0.01–0.01)	<1 (<1–1)	0.019 (<0.01–0.036)	6.2 (2.1–12)	0.015 (0.013–0.017)	5 (4.3–5.6)
2007		<1	<0.01 (<0.01–0.01)	<1 (<1–1)	0.018 (<0.01–0.03)	5.9 (2.5–9.7)	0.014 (0.012–0.016)	4.5 (3.9–5.1)
2008		<1	<0.01 (<0.01–0.01)	<1 (<1–1)	<0.01 (<0.01–0.014)	2.6 (<1–4.6)	<0.01 (<0.01–0.01)	2.2 (1.9–2.5)
2009		<1	<0.01 (<0.01–0.01)	<1 (<1–1)	<0.01 (<0.01–0.013)	2.4 (<1–4.2)	<0.01 (<0.01–0.01)	2.1 (1.9–2.5)
Ireland		1990	4	0.052 (0.037–0.077)	1.5 (1.1–2.2)	1.1 (0.37–1.9)	30 (10–53)	0.78 (0.62–0.94)
	1995	4	0.031 (0.025–0.04)	<1 (<1–1.1)	0.64 (0.19–1.1)	18 (5.4–30)	0.53 (0.46–0.6)	15 (13–16)
	2000	4	0.036 (0.033–0.04)	<1 (<1–1)	0.53 (0.16–0.9)	14 (4.1–24)	0.44 (0.39–0.5)	12 (10–13)
	2005	4	0.016 (0.015–0.018)	<1 (<1–1)	0.55 (0.18–0.94)	13 (4.3–22)	0.45 (0.39–0.5)	11 (9.2–12)
	2006	4	0.029 (0.023–0.039)	<1 (<1–1)	0.61 (0.21–1)	14 (5–24)	0.48 (0.42–0.54)	11 (9.7–13)
	2007	4	0.032 (0.029–0.036)	<1 (<1–1)	0.66 (0.25–1.1)	15 (5.8–25)	0.49 (0.43–0.55)	11 (9.8–13)
	2008	4	0.023 (0.021–0.026)	<1 (<1–1)	0.44 (0.12–0.77)	10 (2.7–17)	0.39 (0.34–0.44)	8.7 (7.6–9.9)
	2009	5	0.022 (0.018–0.03)	<1 (<1–1)	0.47 (0.15–0.8)	10 (3.3–18)	0.38 (0.34–0.45)	8.5 (7.6–9.9)
	Israel	1990	5	0.014 (0.013–0.015)	<1 (<1–1)	0.39 (0.09–0.7)	8.7 (2–15)	0.29 (0.23–0.35)
1995		5	0.022 (0.017–0.029)	<1 (<1–1)	0.59 (0.21–0.99)	11 (3.9–18)	0.46 (0.4–0.52)	8.5 (7.4–9.6)
2000		6	0.036 (0.032–0.039)	<1 (<1–1)	0.84 (0.31–1.4)	14 (5.1–23)	0.64 (0.56–0.72)	11 (9.2–12)
2005		7	0.024 (0.021–0.026)	<1 (<1–1)	0.54 (0.16–0.93)	8.1 (2.4–14)	0.46 (0.4–0.52)	6.9 (6–7.8)
2006		7	0.019 (0.017–0.02)	<1 (<1–1)	0.54 (0.18–0.92)	7.9 (2.6–13)	0.44 (0.38–0.5)	6.5 (5.6–7.3)
2007		7	0.027 (0.024–0.029)	<1 (<1–1)	0.57 (0.21–0.97)	8.3 (3–14)	0.45 (0.39–0.51)	6.5 (5.7–7.4)
2008		7	0.019 (0.015–0.025)	<1 (<1–1)	0.51 (0.16–0.87)	7.2 (2.3–12)	0.42 (0.37–0.48)	6 (5.2–6.8)
2009		7	0.018 (0.015–0.024)	<1 (<1–1)	0.51 (0.16–0.86)	7.1 (2.3–12)	0.42 (0.37–0.49)	5.8 (5.2–6.8)
Italy		1990	57	0.62 (0.44–0.88)	1.1 (<1–1.5)	7.5 (2.9–13)	13 (5.1–23)	6.3 (4.2–8.4)
	1995	57	0.7 (0.55–0.9)	1.2 (<1–1.6)	8.6 (3.3–14)	15 (5.9–25)	6.5 (5.6–7.3)	11 (9.8–13)
	2000	57	0.46 (0.42–0.51)	<1 (<1–1)	4.4 (1.7–7)	7.7 (1.8–13)	4 (3.5–4.6)	7 (6.1–8)
	2005	59	0.41 (0.34–0.54)	<1 (<1–1)	5.2 (1.7–9)	9 (2.8–15)	4.4 (3.8–5)	7.5 (6.5–8.5)
	2006	59	0.35 (0.32–0.39)	<1 (<1–1)	6.7 (2.8–11)	11 (4.8–18)	4.8 (4.1–5.4)	8.1 (7–9.1)
	2007	59	0.33 (0.3–0.37)	<1 (<1–1)	3.7 (0.88–6.4)	6.2 (1.5–11)	3.1 (2.7–3.5)	5.2 (4.5–5.9)
	2008	60	0.42 (0.33–0.54)	<1 (<1–1)	5.2 (2–8.6)	8.7 (3.4–14)	3.9 (3.4–4.4)	6.6 (5.7–7.4)
	2009	60	0.37 (0.3–0.49)	<1 (<1–1)	4.7 (1.5–7.9)	7.8 (2.5–13)	3.8 (3.4–4.5)	6.4 (5.7–7.4)
	Kazakhstan	1990	17	5.5 (2.7–9.7)	33 (16–58)	42 (16–84)	255 (97–508)	23 (13–33)
1995		16	4.9 (3.5–6.6)	31 (22–41)	38 (17–64)	242 (108–400)	22 (18–27)	139 (111–166)
2000		15	5.3 (4.6–6)	35 (31–40)	38 (12–65)	251 (80–435)	29 (26–35)	196 (173–236)
2005		15	4.5 (3.9–5.1)	30 (26–34)	46 (17–80)	303 (112–529)	33 (26–39)	215 (172–258)
2006		15	3.9 (3.4–4.4)	26 (22–29)	43 (15–76)	282 (101–494)	31 (25–37)	204 (163–245)
2007		15	3.6 (3.1–4)	23 (20–26)	40 (14–68)	258 (91–443)	29 (25–35)	190 (161–228)
2008		16	3.4 (2.9–3.8)	22 (19–25)	35 (11–60)	224 (70–390)	27 (23–33)	175 (149–210)
2009		16	3.1 (2.4–4.7)	20 (15–30)	31 (9–54)	198 (58–346)	26 (21–30)	163 (136–192)
Kyrgyzstan		1990	4	1.3 (0.7–2.2)	31 (16–51)	12 (4.8–24)	281 (110–552)	6.3 (3.4–9.1)
	1995	5	1.2 (0.88–1.6)	26 (19–35)	12 (5.2–19)	253 (114–418)	6.5 (5.2–7.9)	143 (114–171)
	2000	5	0.84 (0.58–1.3)	17 (12–26)	9.7 (3.1–17)	196 (62–343)	7.5 (6.2–9)	151 (125–181)
	2005	5	1.1 (0.92–1.2)	20 (18–23)	12 (4.6–21)	228 (87–394)	8.3 (6.6–9.9)	158 (127–190)
	2006	5	1.1 (0.97–1.3)	21 (18–24)	12 (4.8–21)	231 (90–398)	8.4 (6.7–10)	159 (127–191)
	2007	5	0.95 (0.82–1.1)	18 (15–20)	12 (4.8–21)	230 (89–397)	8.5 (6.8–10)	159 (127–191)
	2008	5	0.83 (0.72–0.94)					

TABLE A2.1 Estimates of the burden of disease caused by TB, 1990–2009

YEAR	POPULATION (MILLIONS)	MORTALITY (EXCLUDING HIV)		PREVALENCE (INCLUDING HIV)		INCIDENCE (INCLUDING HIV)		
		NUMBER (THOUSANDS)	RATE ^a	NUMBER (THOUSANDS)	RATE	NUMBER (THOUSANDS)	RATE	
Latvia	1990	3	0.66 (0.34–1.1)	25 (13–41)	4.8 (1.9–9.4)	181 (71–353)	2.5 (1.4–3.6)	92 (51–134)
	1995	2	0.45 (0.31–0.63)	18 (13–25)	3.7 (1.6–6.2)	147 (63–247)	2.3 (1.8–2.8)	92 (74–111)
	2000	2	0.31 (0.28–0.35)	13 (12–15)	2.8 (0.85–4.8)	117 (38–200)	2.2 (2–2.7)	94 (83–112)
	2005	2	0.18 (0.16–0.2)	8 (7.2–8.9)	1.6 (0.55–3.2)	80 (24–136)	1.5 (1.4–1.9)	68 (61–81)
	2006	2	0.19 (0.17–0.21)	8.4 (7.4–9.3)	1.7 (0.48–2.9)	73 (21–126)	1.4 (1.3–1.7)	62 (57–74)
	2007	2	0.13 (0.12–0.15)	5.8 (5.2–6.4)	1.6 (0.52–2.8)	71 (23–122)	1.3 (1.2–1.6)	59 (54–70)
	2008	2	0.11 (0.1–0.13)	5 (4.5–5.6)	1.2 (0.31–2.1)	54 (14–93)	1.1 (1–1.3)	50 (46–60)
2009	2	0.097 (0.087–0.11)	4.3 (3.9–4.8)	1.1 (0.28–1.9)	49 (12–85)	1 (0.88–1.2)	45 (39–51)	
Lithuania	1990	4	0.94 (0.47–1.6)	25 (13–44)	6.3 (2.4–12)	170 (66–337)	3.4 (1.9–4.9)	92 (51–133)
	1995	4	0.65 (0.44–0.95)	18 (12–26)	4.9 (2–8.4)	135 (54–230)	3.3 (2.7–4)	92 (74–110)
	2000	4	0.39 (0.35–0.43)	11 (10–12)	3.6 (1.1–6.2)	102 (32–176)	3 (2.7–3.6)	85 (76–102)
	2005	3	0.38 (0.34–0.42)	11 (10–12)	2.7 (0.85–4.7)	80 (25–138)	2.4 (2.1–2.9)	70 (62–83)
	2006	3	0.38 (0.34–0.42)	11 (10–12)	3.3 (1.2–5.6)	97 (35–166)	2.7 (2.4–3.2)	78 (70–94)
	2007	3	0.36 (0.33–0.4)	11 (9.7–12)	3 (0.98–5.1)	88 (29–152)	2.5 (2.2–3)	75 (67–90)
	2008	3	0.36 (0.32–0.4)	11 (9.7–12)	2.7 (0.87–4.7)	82 (26–140)	2.4 (2.1–2.8)	71 (63–85)
2009	3	0.27 (0.2–0.42)	8.4 (6–13)	2.5 (0.89–4.3)	77 (27–132)	2.3 (2–2.7)	71 (61–82)	
Luxembourg	1990	<1	<0.01 (<0.01–0.01)	<1 (<1–1)	0.083 (0.03–0.15)	22 (7.8–38)	0.06 (0.048–0.072)	16 (13–19)
	1995	<1	<0.01 (<0.01–0.01)	<1 (<1–1)	0.042 (0.011–0.073)	10 (2.7–18)	0.037 (0.032–0.042)	9 (7.8–10)
	2000	<1	<0.01 (<0.01–0.01)	<1 (<1–1)	0.072 (0.03–0.12)	17 (6.9–27)	0.051 (0.044–0.057)	12 (10–13)
	2005	<1	<0.01 (<0.01–0.01)	<1 (<1–1)	0.058 (0.023–0.095)	12 (4.9–21)	0.043 (0.037–0.048)	9.2 (8–10)
	2006	<1	<0.01 (<0.01–0.01)	<1 (<1–1)	0.043 (0.012–0.074)	9.2 (2.5–16)	0.038 (0.033–0.043)	8.1 (7–9.1)
	2007	<1	<0.01 (<0.01–0.01)	<1 (<1–1)	0.059 (0.022–0.098)	12 (4.6–21)	0.045 (0.039–0.051)	9.4 (8.2–11)
	2008	<1	<0.01 (<0.01–0.01)	<1 (<1–1)	0.057 (0.019–0.097)	12 (4–20)	0.045 (0.039–0.051)	9.4 (8.2–11)
2009	<1	<0.01 (<0.01–0.01)	<1 (<1–1)	0.055 (0.018–0.093)	11 (3.7–19)	0.045 (0.04–0.052)	9.2 (8.2–11)	
Malta	1990	<1	<0.01 (<0.01–0.01)	<1 (<1–1)	0.021 (<0.01–0.037)	5.8 (1.3–10)	0.016 (0.013–0.02)	4.5 (3.6–5.4)
	1995	<1	<0.01 (<0.01–0.01)	<1 (<1–1)	0.023 (<0.01–0.04)	6 (1.5–11)	0.013 (0.011–0.014)	3.3 (2.9–3.8)
	2000	<1	<0.01 (<0.01–0.01)	<1 (<1–1)	0.02 (<0.01–0.035)	5.1 (1.3–8.9)	0.018 (0.016–0.021)	4.7 (4.1–5.3)
	2005	<1	<0.01 (<0.01–0.01)	<1 (<1–1)	0.027 (<0.01–0.046)	6.6 (1.9–11)	0.024 (0.021–0.027)	6 (5.2–6.8)
	2006	<1	<0.01 (<0.01–0.01)	<1 (<1–1)	0.042 (0.015–0.071)	10 (3.7–18)	0.035 (0.03–0.039)	8.5 (7.4–9.6)
	2007	<1	<0.01 (<0.01–0.01)	<1 (<1–1)	0.052 (0.018–0.088)	13 (4.4–22)	0.044 (0.039–0.049)	11 (9.4–12)
	2008	<1	<0.01 (<0.01–0.01)	<1 (<1–1)	0.072 (0.025–0.12)	18 (7.2–29)	0.056 (0.049–0.064)	14 (12–16)
2009	<1	<0.01 (<0.01–0.01)	<1 (<1–1)	0.062 (0.021–0.1)	15 (5.2–26)	0.054 (0.048–0.063)	13 (12–15)	
Monaco	1990	<1	<0.01 (<0.01–0.01)	<1 (<1–1)	<0.01 (<0.01–0.01)	8.3 (3.8–14)	<0.01 (<0.01–0.01)	4.3 (3.4–5.1)
	1995	<1	<0.01 (<0.01–0.01)	<1 (<1–1)	<0.01 (<0.01–0.01)	6.3 (2.9–10)	<0.01 (<0.01–0.01)	3.8 (3.3–4.2)
	2000	<1	<0.01 (<0.01–0.01)	<1 (<1–1)	<0.01 (<0.01–0.01)	3.5 (<1–6.2)	<0.01 (<0.01–0.01)	<1 (<1–1)
	2005	<1	<0.01 (<0.01–0.01)	<1 (<1–1)	<0.01 (<0.01–0.01)	<1 (<1–1)	<0.01 (<0.01–0.01)	<1 (<1–1)
	2006	<1	<0.01 (<0.01–0.01)	<1 (<1–1)	<0.01 (<0.01–0.01)	<1 (<1–1)	<0.01 (<0.01–0.01)	<1 (<1–1)
	2007	<1	<0.01 (<0.01–0.01)	<1 (<1–1)	<0.01 (<0.01–0.01)	<1 (<1–1)	<0.01 (<0.01–0.01)	<1 (<1–1)
	2008	<1	<0.01 (<0.01–0.01)	<1 (<1–1)	<0.01 (<0.01–0.01)	<1 (<1–1)	<0.01 (<0.01–0.01)	<1 (<1–1)
2009	<1	<0.01 (<0.01–0.01)	<1 (<1–1)	<0.01 (<0.01–0.01)	<1 (<1–1)	<0.01 (<0.01–0.01)	<1 (<1–1)	
Montenegro	2005	<1	<0.01 (<0.01–0.019)	1.4 (<1–3.1)	0.19 (0.046–0.34)	31 (7.4–54)	0.17 (0.16–0.2)	27 (<25–31)
	2006	<1	0.015 (<0.01–0.026)	2.4 (1.3–4.2)	0.23 (0.075–0.39)	37 (12–64)	0.18 (0.17–0.22)	29 (27–35)
	2007	<1	<0.01 (<0.01–0.02)	1.5 (<1–3.2)	0.19 (0.05–0.33)	30 (8–54)	0.16 (0.15–0.19)	25 (24–31)
	2008	<1	<0.01 (<0.01–0.019)	1.5 (<1–3)	0.17 (0.046–0.3)	27 (7.4–48)	0.14 (0.13–0.17)	23 (21–27)
	2009	<1	<0.01 (<0.01–0.015)	1.4 (<1–2.5)	0.16 (0.046–0.28)	26 (7.4–44)	0.13 (0.12–0.15)	21 (18–24)
Netherlands	1990	15	0.048 (0.034–0.07)	<1 (<1–1)	2.4 (0.85–4.1)	16 (5.7–28)	1.7 (1.4–2.1)	11 (9.2–14)
	1995	15	0.044 (0.036–0.057)	<1 (<1–1)	2.2 (0.68–3.8)	14 (4.4–25)	1.9 (1.6–2.1)	12 (10–14)
	2000	16	0.033 (0.03–0.036)	<1 (<1–1)	1.7 (0.47–2.9)	10 (3–18)	1.4 (1.2–1.6)	9 (7.8–10)
	2005	16	0.033 (0.029–0.036)	<1 (<1–1)	1.6 (0.52–2.7)	9.8 (3.2–17)	1.3 (1.1–1.5)	7.9 (6.9–9)
	2006	16	0.032 (0.028–0.035)	<1 (<1–1)	1.4 (0.47–2.4)	8.7 (2.9–15)	1.2 (1–1.3)	7 (6.1–7.9)
	2007	16	0.02 (0.018–0.022)	<1 (<1–1)	1.3 (0.4–2.2)	7.8 (2.5–13)	1.1 (0.93–1.2)	6.5 (5.7–7.3)
	2008	17	0.026 (0.023–0.028)	<1 (<1–1)	1.4 (0.49–2.4)	8.5 (3–14)	1.1 (0.96–1.3)	6.7 (5.8–7.6)
2009	17	0.026 (0.021–0.035)	<1 (<1–1)	1.3 (0.43–2.3)	8 (2.6–14)	1.1 (0.97–1.3)	6.5 (5.8–7.6)	
Norway	1990	4	0.012 (<0.01–0.017)	<1 (<1–1)	0.49 (0.17–0.85)	11 (4–20)	0.36 (0.29–0.43)	8.4 (6.7–10)
	1995	4	<0.01 (<0.01–0.011)	<1 (<1–1)	0.35 (0.12–0.59)	8.1 (2.8–14)	0.27 (0.24–0.31)	6.2 (5.4–7)
	2000	4	0.01 (<0.01–0.011)	<1 (<1–1)	0.3 (0.086–0.52)	6.7 (1.9–12)	0.25 (0.22–0.29)	5.7 (4.9–6.4)
	2005	5	0.01 (<0.01–0.011)	<1 (<1–1)	0.38 (0.12–0.66)	8.3 (2.7–14)	0.31 (0.27–0.35)	6.7 (5.8–7.5)
	2006	5	<0.01 (<0.01–0.01)	<1 (<1–1)	0.4 (0.13–0.69)	8.6 (2.9–15)	0.32 (0.28–0.36)	6.8 (5.9–7.7)
	2007	5	<0.01 (<0.01–0.01)	<1 (<1–1)	0.43 (0.15–0.71)	9 (3–15)	0.32 (0.28–0.37)	6.9 (6.1–7.8)
	2008	5	<0.01 (<0.01–0.011)	<1 (<1–1)	0.35 (0.11–0.6)	7.4 (2.3–13)	0.29 (0.25–0.33)	6.1 (5.3–6.9)
2009	5	<0.01 (<0.01–0.011)	<1 (<1–1)	0.35 (0.11–0.6)	7.3 (2.3–13)	0.28 (0.25–0.33)	5.9 (5.3–6.9)	
Poland	1990	38	1.6 (0.63–3.5)	4.2 (1.7–9.1)	27 (8.2–50)	70 (21–132)	20 (16–29)	52 (42–76)
	1995	39	1.6 (0.77–2.8)	4 (2–7.4)	26 (9–46)	68 (23–119)	20 (16–23)	51 (41–61)
	2000	38	1.1 (0.97–1.2)	2.8 (2.5–3.1)	18 (6.2–32)	47 (16–83)	14 (11–16)	35 (28–42)
	2005	38	0.84 (0.75–0.92)	2.2 (2–2.4)	13 (4.7–24)	36 (12–62)	10 (8.2–12)	27 (21–32)
	2006	38	0.77 (0.69–0.85)	2 (1.8–2.2)	13 (4.6–23)	35 (12–61)	9.9 (8–12)	26 (21–31)
	2007	38	0.77 (0.69–0.85)	2 (1.8–2.2)	13 (4.5–22)	34 (12–59)	9.6 (8–12)	25 (21–30)
	2008	38	0.84 (0.75–0.93)	2.2 (2–2.4)	13 (4.3–22)	33 (11–58)	9.3 (7.5–11)	25 (20–29)
2009	38	0.72 (0.35–1.3)	1.9 (<1–3.5)	12 (4.2–21)	32 (11–56)	9.1 (7.4–11)	24 (19–29)	
Portugal	1990	10	0.52 (0.37–0.76)	5.2 (3.7–7.6)	11 (3.9–18)	106 (39–184)	7.8 (6.2–9.3)	78 (62–93)
	1995	10	0.37 (0.29–0.5)	3.7 (2.9–5)	7.8 (2.8–13)	78 (28–131)	6.4 (5.6–7.3)	64 (56–72)
	2000	10	0.28 (0.25–0.31)	2.7 (2.4–3)	5.5 (1.9–9.4)	54 (18–92)	4.9 (4.2–5.5)	48 (41–54)
	2005	11	0.19 (0.15–0.26)	1.8 (1.5–2.4)	4.3 (1.5–7.1)	40 (14–67)	3.8 (3.3–4.3)	36 (31–41)
	2006	11	0.2 (0.16–0.27)	1.9 (1.5–2.5)	4.3 (1.6–7.1)	41 (15–67)	3.7 (3.2–4.2)	35 (30–39)
	2007	11	0.18 (0.14–0.24)	1.7 (1.3–2.2)	3.8 (1.4–6.5)	36 (13–61)	3.4 (3–3.8)	32 (28–36)
	2008	11	0.17 (0.14–0.23)	1.6 (1.3–2.1)	3.7 (1.3–6.2)	35 (12–58)	3.2 (2.8–3.7)	30 (26–34)
2009	11	0.16 (0.12–0.22)	1.5 (1.2–2.1)	3.5 (1.2–6)	33 (11–56)	3.2 (2.8–3.7)	30 (26–34)	
Republic of Moldova	1990	4	1.1 (0.57–1.9)	25 (13–43)	9.6 (3.8–19)	220 (86–433)	5 (2.7–7.2)	114 (62–165)
	1995	4	0.84 (0.59–1.2)	19 (14–27)	7.9 (3.5–13)	182 (82–303)	4.9 (3.9–5.9)	114 (91–136)
	2000	4	0.83 (0.72–0.94)	20 (17–23)	8 (3.7–13)	196 (90–326)	5.6 (4.5–6.7)	136 (109–163)
	2005	4	0.79 (0.7–0.89)	21 (19–24)	8.4 (3–15)	224 (81–388)	6.2 (5.1–7.4)	164 (137–197)
	2006	4	0.75 (0.66–0.84)	20 (18–23)	8.5 (3–15)	230 (80–405)	6.2 (5–7.5)	168 (135–202)
	2007	4	0.76 (0.66–0.85)	21 (18–23)	8.8 (3.3–15)	240 (91–413)	6.3 (5–7.5)	171 (137–206)
	2008	4	0.67 (0.59–0.76)	19 (16–21)	3.4 (0.72–7.9)	95 (20–217)	6.3 (5.1–7.6)	175 (140–215)
2009	4	0.79 (0.51–1.2)	22 (14–33)	8.2 (3.6–14)	228 (100–386)	6.4 (5.2–7.7)	178 (145–215)	
Romania	1990	23	2.8 (1.4–4.9)	12 (5.9–21)	61 (23–120)	261 (98–521)	33 (18–48)	143 (79–209)
	1995	23	2 (1.4–2.9)	8.9 (6–13)	48 (20–92)	213 (86–362)	33 (26–39)	143 (115–172)
	2000	22	2.2 (1.9–2.4)	9.8 (8.8–11)	53 (21–91)	230 (94–411)	37 (30–44)	167 (134–201)
	2005	22	1.8 (1.6–2)	8.3 (7.4–9.1)	51 (20–87)	234 (92–402)	36 (28–43)	164 (131–197)
	2006	22	1.7 (1.5–1.9)	7.9 (7.1–8.7)	48 (19–82)	224 (89–383)	33 (27–40)	155 (124–186)
	2007	21	1.6 (1.4–1.8)	7.5 (6.7–8.3)	45 (18–76)	208 (82–356)	31 (25–37)	145 (116–174)
	2008	21	1.6 (1.5–1.8)	7.7 (6.9–8.5)	40 (15–69)	186 (70–322)	29 (23–34)	134 (107–161)
2009	21	1.5 (1.4–1.7)	7.2 (6.5–7.9)	35 (12–62)	166 (57–292)	27 (22–32)	125 (101–150)	
Russian Federation	1990	148	57 (30–94)	38 (20–64)	330 (130–650)	221 (87–436)	160 (87–230)	107 (59–156)
	1995	148	44 (32–59)	30 (21–40)	270 (120–450)	184 (82–304)	160 (130–190)	107 (86–129)
	2000	147	32 (29–35)	22 (19–24)	260 (100–450)	178 (69–307)	180 (150–220)	124 (99–149)
	2005	143	33 (30–36)	23 (21–25)	210 (77–360)	146 (54–253)	160 (130–190)	109 (89–131)
	2006	143	29 (26–32)	20 (18–23)	200 (65–350)	138 (46–242)	150 (120–180)	105 (87–127)
	2007	142	27 (18–41)	19 (13–29)	200 (67–340)	138 (47–241)	150 (130–180)	107 (90–128)
	2008	141	26 (18–39)	18 (13–28)	190 (66–330)	135 (47–234)	150 (130–180)	107 (91–128)
2009	141	25 (17–38)	18 (12–27)	190 (65–320)	132 (46–229)	150 (120–180)	106 (89–125)	
San Marino	1990	<1	<					

TABLE A2.1 Estimates of the burden of disease caused by TB, 1990–2009

YEAR	POPULATION (MILLIONS)	MORTALITY (EXCLUDING HIV)		PREVALENCE (INCLUDING HIV)		INCIDENCE (INCLUDING HIV)		
		NUMBER (THOUSANDS)	RATE ^a	NUMBER (THOUSANDS)	RATE	NUMBER (THOUSANDS)	RATE	
Serbia	2005	10	0.28 (0.25–0.32)	2.9 (2.5–3.2)	4 (1.1–6.8)	40 (11–69)	3.4 (3.2–4.1)	34 (33–41)
	2006	10	0.23 (0.2–0.26)	2.3 (2–2.6)	3.9 (1.1–6.8)	40 (12–69)	3.3 (3.1–4)	34 (32–40)
	2007	10	0.21 (0.18–0.23)	2.1 (1.9–2.4)	3.5 (0.93–6.1)	36 (9.4–62)	3 (2.9–3.7)	31 (29–37)
	2008	10	0.17 (0.15–0.19)	1.7 (1.5–1.9)	2.6 (0.6–4.7)	27 (6.1–47)	1.8 (1.5–2.2)	18 (15–22)
2009	10	0.12 (0.076–0.15)	1.2 (<1–1.6)	2.4 (0.54–4.2)	24 (5.5–43)	1.5 (1.2–1.8)	15 (12–18)	
Serbia & Montenegro	1990	10	0.8 (0.26–1.8)	7.6 (2.6–18)	9 (2.8–18)	89 (28–180)	6 (4.2–8.7)	59 (41–86)
	1995	11	0.99 (0.62–1.5)	9.2 (5.7–14)	9.6 (4.1–16)	88 (38–149)	5.8 (4.6–6.9)	53 (43–64)
	2000	11	0.48 (0.23–0.86)	4.4 (2.2–7.9)	6 (2.2–11)	56 (20–99)	4.3 (3.4–5.2)	40 (32–48)
Slovakia	1990	5	0.1 (0.075–0.15)	1.9 (1.4–2.8)	2.4 (0.77–4.2)	45 (15–80)	1.8 (1.4–2.2)	34 (28–41)
	1995	5	0.092 (0.075–0.12)	1.7 (1.4–2.3)	2.2 (0.67–3.8)	41 (13–70)	1.8 (1.5–2)	33 (29–37)
	2000	5	0.065 (0.049–0.08)	1 (<1–1.1)	1.5 (0.47–2.5)	27 (6.7–47)	1.2 (1–1.3)	22 (19–24)
Slovakia	2005	5	0.048 (0.043–0.053)	<1 (<1–1)	1.1 (0.39–1.8)	20 (7.2–34)	0.82 (0.71–0.92)	15 (13–17)
	2006	5	0.042 (0.034–0.056)	<1 (<1–1)	1 (0.33–1.7)	19 (6.2–32)	0.77 (0.67–0.87)	14 (12–16)
	2007	5	0.039 (0.031–0.052)	<1 (<1–1)	0.82 (0.31–1.6)	17 (5.8–29)	0.72 (0.62–0.81)	13 (12–15)
Slovakia	2008	5	0.033 (0.027–0.044)	<1 (<1–1)	0.79 (0.24–1.4)	15 (4.5–25)	0.64 (0.56–0.73)	12 (10–13)
	2009	5	0.033 (0.027–0.044)	<1 (<1–1)	0.78 (0.24–1.3)	14 (4.5–25)	0.63 (0.56–0.73)	12 (10–13)
	Slovenia	1990	2	0.071 (0.05–0.099)	3.7 (2.6–5.1)	1.3 (0.53–2.3)	70 (28–119)	0.9 (0.72–1.1)
1995		2	0.038 (0.031–0.051)	1.9 (1.6–2.6)	0.76 (0.24–1.3)	38 (12–66)	0.6 (0.53–0.68)	31 (27–35)
2000		2	0.017 (0.016–0.019)	<1 (<1–1)	0.52 (0.16–0.9)	26 (8–45)	0.42 (0.37–0.48)	21 (19–24)
Slovenia	2005	2	0.017 (0.015–0.019)	<1 (<1–1)	0.43 (0.17–0.72)	22 (8.5–36)	0.31 (0.27–0.35)	15 (13–17)
	2006	2	0.018 (0.016–0.02)	<1 (<1–1)	0.27 (0.07–0.48)	14 (3.5–24)	0.24 (0.21–0.27)	12 (10–13)
	2007	2	0.027 (0.024–0.03)	1.4 (1.2–1.5)	0.32 (0.11–0.54)	16 (5.4–27)	0.24 (0.21–0.28)	12 (11–14)
Slovenia	2008	2	0.029 (0.026–0.032)	1.4 (1.3–1.6)	0.3 (0.099–0.52)	15 (4.9–26)	0.24 (0.21–0.27)	12 (10–13)
	2009	2	0.015 (0.012–0.019)	<1 (<1–1)	0.29 (0.092–0.5)	14 (4.5–25)	0.23 (0.21–0.27)	12 (10–13)
	Spain	1990	39	0.42 (0.32–0.6)	1.1 (<1–1.6)	12 (3.7–20)	30 (9.6–52)	9.5 (7.6–11)
1995		39	0.45 (0.35–0.59)	1.1 (<1–1.5)	13 (4.6–21)	32 (12–54)	10 (8.8–11)	26 (22–29)
2000		40	0.4 (0.36–0.45)	1 (<1–1.1)	12 (4.2–19)	29 (11–48)	9.2 (8–10)	23 (20–26)
Spain	2005	43	0.35 (0.32–0.39)	<1 (<1–1)	11 (3.9–18)	24 (9–41)	8.4 (7.3–9.5)	19 (17–22)
	2006	44	0.3 (0.27–0.33)	<1 (<1–1)	11 (4.2–19)	26 (9.7–43)	9 (7.8–10)	21 (18–23)
	2007	44	0.32 (0.29–0.35)	<1 (<1–1)	10 (3.7–17)	24 (8.4–40)	8.4 (7.3–9.6)	19 (17–22)
Spain	2008	44	0.26 (0.23–0.29)	<1 (<1–1)	9.2 (3–16)	21 (6.8–35)	7.8 (6.8–8.8)	17 (15–20)
	2009	45	0.32 (0.26–0.43)	<1 (<1–1)	9.1 (3–16)	20 (6.7–35)	7.7 (6.8–8.9)	17 (15–20)
	Sweden	1990	9	0.033 (0.023–0.047)	<1 (<1–1)	0.98 (0.36–1.7)	11 (4.2–20)	0.7 (0.56–0.84)
1995		9	0.028 (0.022–0.037)	<1 (<1–1)	0.82 (0.32–1.4)	9.8 (3.6–16)	0.65 (0.56–0.73)	7.3 (6.4–8.3)
2000		9	0.018 (0.016–0.02)	<1 (<1–1)	0.59 (0.19–1)	6.7 (2.1–11)	0.48 (0.42–0.54)	5.4 (4.7–6.1)
Sweden	2005	9	0.015 (0.014–0.017)	<1 (<1–1)	0.86 (0.34–1.4)	9.5 (3.8–16)	0.62 (0.54–0.7)	6.8 (5.9–7.7)
	2006	9	0.017 (0.016–0.019)	<1 (<1–1)	0.7 (0.23–1.2)	7.7 (2.5–13)	0.56 (0.49–0.64)	6.2 (5.4–7)
	2007	9	0.024 (0.022–0.027)	<1 (<1–1)	0.66 (0.21–1.1)	7.2 (2.3–12)	0.53 (0.46–0.6)	5.8 (5–6.5)
Sweden	2008	9	0.017 (0.016–0.019)	<1 (<1–1)	0.66 (0.22–1.1)	7.2 (2.4–12)	0.53 (0.46–0.59)	5.7 (5–6.5)
	2009	9	0.02 (0.016–0.027)	<1 (<1–1)	0.63 (0.22–1.1)	6.9 (2.2–12)	0.51 (0.46–0.6)	5.6 (5–6.5)
	Switzerland	1990	7	0.068 (0.049–0.097)	1 (<1–1.4)	2.3 (0.88–3.9)	34 (13–58)	1.6 (1.3–1.9)
1995		7	0.034 (0.027–0.046)	<1 (<1–1)	1.2 (0.39–2)	17 (5.6–29)	0.95 (0.83–1.1)	14 (12–15)
2000		7	0.034 (0.03–0.037)	<1 (<1–1)	0.69 (0.17–1.2)	9.6 (2.4–17)	0.63 (0.54–0.71)	8.7 (7.6–9.8)
Switzerland	2005	7	0.021 (0.019–0.024)	<1 (<1–1)	0.74 (0.26–1.2)	9.9 (3.5–17)	0.58 (0.51–0.66)	7.9 (6.8–8.9)
	2006	7	0.024 (0.022–0.027)	<1 (<1–1)	0.65 (0.22–1.1)	8.7 (2.9–15)	0.53 (0.46–0.6)	7.1 (6.2–8)
	2007	8	0.016 (0.015–0.018)	<1 (<1–1)	0.64 (0.24–1.1)	8.5 (3.2–14)	0.49 (0.43–0.55)	6.5 (5.7–7.4)
Switzerland	2008	8	0.011 (0.01–0.015)	<1 (<1–1)	0.41 (0.11–0.71)	5.4 (1.4–9.4)	0.37 (0.32–0.41)	4.9 (4.2–5.5)
	2009	8	0.012 (0.01–0.017)	<1 (<1–1)	0.43 (0.14–0.74)	5.7 (1.9–9.8)	0.36 (0.32–0.42)	4.7 (4.2–5.5)
	Tajikistan	1990	5	1.2 (0.58–2)	22 (11–39)	9 (3.5–18)	171 (66–339)	4.9 (2.7–7.1)
1995		6	1.5 (1.2–1.9)	26 (20–33)	11 (5.2–18)	194 (90–317)	5.3 (4.3–6.4)	92 (74–111)
2000		6	1.8 (1.3–2.3)	29 (22–37)	14 (6.3–22)	221 (102–363)	7.2 (5.7–8.6)	116 (93–139)
Tajikistan	2005	7	3.3 (2.4–4.2)	50 (37–64)	25 (11–41)	378 (176–623)	13 (10–16)	198 (158–237)
	2006	7	2.9 (2.1–3.8)	43 (32–57)	22 (10–37)	335 (154–551)	12 (9.8–15)	185 (148–222)
	2007	7	3.4 (2.5–4.4)	50 (37–65)	26 (12–42)	382 (177–629)	14 (11–17)	206 (165–248)
Tajikistan	2008	7	3.1 (2.3–4.1)	46 (34–60)	24 (11–40)	357 (166–585)	14 (11–16)	199 (159–239)
	2009	7	3.4 (2.5–4.4)	48 (36–63)	26 (12–42)	374 (171–609)	14 (11–17)	202 (164–243)
	The Former Yugoslav Republic of Macedonia	1990	2	0.084 (0.055–0.11)	4.4 (2.9–5.9)	1.7 (0.39–3.1)	91 (20–162)	1.5 (0.85–2.2)
1995		2	0.23 (0.14–0.36)	12 (7–18)	1.8 (0.75–3)	91 (38–155)	1.1 (0.91–1.4)	58 (46–69)
2000		2	0.11 (0.099–0.13)	5.6 (4.9–6.3)	1.2 (0.47–2.1)	61 (23–105)	0.83 (0.67–1.1)	41 (33–50)
The Former Yugoslav Republic of Macedonia	2005	2	0.033 (0.021–0.044)	1.6 (1–2.2)	0.67 (0.15–1.2)	33 (7.3–58)	0.6 (0.6–0.72)	30 (28–36)
	2006	2	0.031 (0.02–0.042)	1.5 (<1–2.1)	0.63 (0.14–1.1)	31 (6.8–54)	0.56 (0.56–0.68)	28 (28–33)
	2007	2	0.035 (0.02–0.075)	1.7 (<1–3.7)	0.6 (0.14–1.1)	30 (7–52)	0.53 (0.53–0.63)	26 (26–31)
The Former Yugoslav Republic of Macedonia	2008	2	0.035 (0.019–0.077)	1.7 (<1–3.8)	0.57 (0.14–1)	28 (6.7–50)	0.49 (0.45–0.59)	24 (22–29)
	2009	2	0.03 (0.017–0.06)	1.4 (<1–2.9)	0.52 (0.12–0.92)	26 (6–45)	0.46 (0.4–0.53)	23 (19–26)
	Turkey	1990	56	3.9 (1.5–8.4)	7 (2.6–15)	47 (15–90)	83 (27–161)	32 (24–47)
1995		61	6.1 (3.8–8.8)	9 (6.3–14)	59 (26–98)	96 (42–160)	35 (28–43)	58 (46–70)
2000		66	5 (3.2–7.4)	7.5 (4.7–11)	50 (22–83)	75 (32–125)	31 (25–37)	46 (37–55)
Turkey	2005	71	2.5 (1.3–4.4)	3.5 (1.8–6.2)	33 (12–57)	46 (16–80)	24 (20–28)	33 (28–40)
	2006	72	2.1 (1.1–3.8)	3 (1.5–5.3)	31 (10–53)	42 (14–74)	23 (20–28)	32 (27–38)
	2007	73	2.2 (1.1–4)	3 (1.5–5.5)	30 (10–53)	42 (14–73)	23 (19–27)	31 (26–37)
Turkey	2008	74	2.4 (1.2–4.2)	3.2 (1.6–5.7)	31 (11–54)	42 (15–73)	22 (18–27)	30 (24–36)
	2009	75	2.4 (1.2–4.1)	3.2 (1.6–5.5)	30 (11–53)	41 (15–71)	22 (18–26)	29 (24–35)
	Turkmenistan	1990	4	0.66 (0.56–1.1)	18 (15–30)	2.6 (0.58–4.6)	72 (16–126)	2.4 (2.3–3.4)
1995		4	0.73 (0.54–1.1)	18 (13–27)	2.7 (0.78–4.8)	65 (19–115)	2.2 (1.9–2.6)	52 (46–63)
2000		5	1.2 (0.99–1.9)	27 (22–41)	4.7 (1.1–8.4)	105 (25–187)	4.2 (4–5)	92 (90–111)
Turkmenistan	2005	5	0.98 (0.81–1.5)	20 (17–32)	3.9 (0.92–6.9)	80 (19–142)	3.4 (3.2–4.1)	70 (66–84)
	2006	5	0.99 (0.81–1.5)	20 (17–31)	3.9 (0.92–6.9)	79 (19–140)	3.4 (3.2–4.1)	69 (66–83)
	2007	5	0.93 (0.84–1)	19 (17–20)	3.8 (0.84–6.8)	76 (17–136)	3.4 (2.7–4.1)	68 (55–82)
Turkmenistan	2008	5	0.98 (0.88–1.1)	19 (18–21)	4 (0.89–7.2)	80 (18–142)	3.4 (2.7–4.1)	68 (54–81)
	2009	5	1 (0.92–1.1)	20 (18–22)	4.2 (0.92–7.4)	82 (18–146)	3.4 (2.8–4.2)	67 (54–82)
	Ukraine	1990	52	6.1 (3.4–11)	12 (6.7–21)	30 (9.6–58)	58 (19–112)	21 (16–31)
1995		51	6.7 (4.5–10)	13 (8.8–20)	34 (12–61)	67 (23–119)	26 (21–31)	51 (42–62)
2000		49	12 (10–13)	24 (21–27)	53 (18–92)	108 (37–189)	41 (33–49)	84 (67–101)
Ukraine	2005	47	12 (11–13)	26 (23–29)	61 (21–110)	129 (45–224)	48 (40–57)	102 (84–122)
	2006	47	11 (9.6–12)	23 (21–25)	60 (22–100)	130 (47–222)	47 (41–57)	102 (89–122)
	2007	46	12 (7.7–18)	25 (17–39)	60 (21–110)	131 (45–228)	47 (38–56)	102 (81–122)
Ukraine	2008	46	11 (9.5–12)	23 (21–25)	62 (23–110)	134 (50–233)	47 (38–56)	102 (82–122)
	2009	46	12 (8.1–18)	27 (18–40)	62 (23–110)	135 (50–234)	46 (38–56)	102 (83–122)
	United Kingdom of Great Britain and Northern Ireland	1990	57	0.4 (0.29–0.59)	<1 (<1–1)	10 (3.5–18)	17 (6.1–31)	7.4 (5.9–8.9)
1995		58	0.35 (0.28–0.47)	<1 (<1–1)	9 (3–15)	16 (5.1–27)	7.1 (6.2–8)	12 (11–14)
2000		59	0.36 (0.29–0.48)	<1 (<1–1)	9.1 (3.2–15)	16 (5.4–26)	7.2 (6.2–8.1)	12 (11–14)
United Kingdom of Great Britain and Northern Ireland	2005	60	0.39 (0.35–0.42)	<1 (<1–1)	12 (4.6–21)	21 (7.6–35)	9.4 (8.2–11)	16 (14–18)
	2006	61	0.41 (0.37–0.45)	<1 (<1–1)	12 (4.2–20)	20 (6.9–33)	9.4 (8.2–11)	15 (13–18)
	2007	61	0.34 (0.3–0.37)	<1 (<1–1)	12 (4.3–20)	19 (7–32)	9 (7.9–10)	15 (13–17)
United Kingdom of Great Britain and Northern Ireland	2008	61	0.34 (0.29–0.45)	<1 (<1–1)	8.9 (2.6–15)	15 (4.3–25)	7.6 (6.6–8.6)	12 (11–14)
	2009	62	0.35 (0.28–0.47)	<1 (<1–1)	9.1 (2.9–16)	15 (4.8–25)	7.4 (6.6–8.6)	12 (11–14)
	Uzbekistan	1990	21	4.5 (2.3–7.6)	22 (11–37)	52 (20–100)	255 (99–507)	26 (14–38)
1995		23	4.7 (3.6–6.1)	21 (15–27)	56 (26–92)	245 (113–403)	29 (23–35)	128 (102–153)
2000		25	4.5 (3.9–5.1)	18 (16–20)	57 (26–93)	228 (104–376)	32 (25–38)	128 (102–153)
Uzbekistan	2005	26	3.9 (3.3–4.4)	15 (13–17)	53 (23–89)	203 (86–339)	34 (27–40)	128 (102–153)
	2006	27	4.2 (2.9–5.8)	16 (11–22)	54 (23–92)	204 (88–344)	34 (27–41)	128 (102–153)
	2007	27	4.5 (3.2–6.1)	17 (12–23)	56 (25–94)	210 (93–351)	34 (28–41)	128 (102–153)
Uzbekistan	2008	27	4.9 (3.6–6.5)	18 (13–24)	56 (28–100)	223 (101–369)	35 (28–42)	128 (102–153)
	2009	27	5.1 (3.8–6.7)	19 (14–24)	62 (28–100)	227 (103		

TABLE A2.2 Incidence, notification and case detection rates, all forms, 1990–2009

YEAR	POPULATION (MILLIONS)	INCIDENCE (INCLUDING HIV)		INCIDENCE HIV-POSITIVE		NOTIFIED NEW AND RELAPSE ^a		CASE DETECTION RATE ^a	
		NUMBER (THOUSANDS)	RATE ^b	NUMBER (THOUSANDS)	RATE ^b	NUMBER	RATE ^b	PERCENT	
Albania	1990	3	0.8 (0.65–1.2)	24 (20–35)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	653	20	81 (56–100)
	1995	3	0.76 (0.64–0.92)	24 (20–29)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	641	20	84 (70–100)
	2000	3	0.69 (0.6–0.83)	23 (20–27)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	604	20	87 (73–100)
	2005	3	0.58 (0.51–0.7)	19 (16–22)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	506	16	87 (73–100)
	2006	3	0.54 (0.47–0.65)	17 (15–21)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	469	15	87 (73–100)
	2007	3	0.5 (0.44–0.6)	16 (14–19)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	438	14	87 (72–100)
	2008	3	0.49 (0.43–0.59)	16 (14–19)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	427	14	87 (73–100)
	2009	3	0.46 (0.39–0.54)	15 (12–17)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	435	14	94 (80–111)
Andorra	1990	0	0.029 (0.023–0.035)	54 (44–65)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	23	44	80 (67–100)
	1995	0	<0.01 (<0.01–<0.01)	<1 (<1–<1)	<0.01 (<0.01–<0.01)	<1 (<1–<1)			–
	2000	0	0.014 (0.012–0.016)	21 (18–23)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	12	18	87 (77–100)
	2005	0	0.012 (0.01–0.013)	14 (13–16)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	10	13	87 (77–100)
	2006	0	0.014 (0.012–0.016)	17 (15–19)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	12	15	87 (77–100)
	2007	0	<0.01 (<0.01–<0.01)	6.9 (6–7.8)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	5	6	87 (77–100)
	2008	0	<0.01 (<0.01–<0.01)	5.4 (4.7–6.2)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	4	5	87 (77–100)
	2009	0	<0.01 (<0.01–<0.01)	10 (9.4–12)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	8	9	89 (77–100)
Armenia	1990	4	1.2 (0.65–1.7)	33 (18–48)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	590	17	50 (35–91)
	1995	3	1.5 (1.2–1.8)	47 (37–56)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	1 157	36	77 (64–96)
	2000	3	2.2 (1.7–2.6)	71 (57–85)	0.027 (0.016–0.04)	<1 (<1–<1)	1 333	43	61 (51–77)
	2005	3	2.2 (1.8–2.6)	72 (57–86)	0.031 (0.019–0.046)	1 (<1–1.5)	2 206	72	100 (84–125)
	2006	3	2.2 (1.8–2.7)	72 (58–86)	0.032 (0.02–0.048)	1 (<1–1.6)	1 767	58	80 (67–100)
	2007	3	2.2 (1.8–2.7)	72 (58–87)	0.034 (0.021–0.05)	1.1 (<1–1.6)	1 682	55	76 (63–95)
	2008	3	2.2 (1.8–2.7)	73 (58–87)	0.035 (0.022–0.052)	1.1 (<1–1.7)	1 655	54	74 (62–93)
	2009	3	2.2 (1.8–2.7)	73 (59–88)	0.037 (0.023–0.056)	1.2 (<1–1.8)	1 560	51	70 (58–85)
Austria	1990	8	1.9 (1.5–2.3)	25 (20–30)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	1 521	20	80 (67–100)
	1995	8	1.7 (1.5–1.9)	21 (19–24)	0.012 (<0.01–0.021)	<1 (<1–<1)	1 481	19	87 (77–100)
	2000	8	1.4 (1.2–1.5)	17 (15–19)	0.021 (0.012–0.031)	<1 (<1–<1)	1 185	15	87 (77–100)
	2005	8	1.1 (0.93–1.2)	13 (11–15)	0.03 (0.019–0.044)	<1 (<1–<1)	928	11	87 (77–100)
	2006	8	0.98 (0.86–1.1)	12 (10–13)	0.031 (0.02–0.044)	<1 (<1–<1)	855	10	87 (77–100)
	2007	8	0.93 (0.81–1.1)	11 (9.8–13)	0.032 (0.021–0.046)	<1 (<1–<1)	811	10	87 (77–100)
	2008	8	0.94 (0.81–1.1)	11 (9.8–13)	0.035 (0.022–0.05)	<1 (<1–<1)			–
	2009	8	0.91 (0.82–1.1)	11 (9.8–13)	0.037 (0.024–0.053)	<1 (<1–<1)			–
Azerbaijan	1990	7	7.9 (4.4–11)	110 (60–159)	0.012 (<0.01–0.03)	<1 (<1–<1)	2 620	36	33 (23–60)
	1995	8	8.5 (6.8–10)	110 (88–132)	0.023 (<0.01–0.045)	<1 (<1–<1)	1 630	21	19 (16–24)
	2000	8	8.9 (7.1–11)	110 (88–132)	0.041 (0.02–0.071)	<1 (<1–<1)	5 187	64	58 (49–73)
	2005	8	9.3 (7.4–11)	110 (88–132)	0.072 (0.041–0.11)	<1 (<1–1.3)	6 034	71	65 (54–81)
	2006	9	9.4 (7.5–11)	110 (88–132)	0.081 (0.047–0.12)	<1 (<1–1.5)	5 705	67	61 (51–76)
	2007	9	9.5 (7.6–11)	110 (88–132)	0.089 (0.051–0.14)	1 (<1–1.6)	5 521	64	58 (49–73)
	2008	9	9.6 (7.7–11)	110 (88–132)	0.099 (0.056–0.16)	1.1 (<1–1.8)	6 417	74	67 (56–84)
	2009	9	9.7 (7.9–12)	110 (89–132)	0.11 (0.062–0.18)	1.3 (<1–2)	6 114	69	63 (52–77)
Belarus	1990	10	8.2 (4.5–12)	80 (44–117)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	3 039	30	37 (25–67)
	1995	10	8.3 (6.6–9.9)	80 (64–96)	0.019 (<0.01–0.043)	<1 (<1–<1)	4 854	47	59 (49–74)
	2000	10	7.5 (6.8–9)	75 (68–89)	0.068 (0.041–0.1)	<1 (<1–<1)	6 799	68	91 (76–100)
	2005	10	5.7 (5.3–6.8)	58 (54–69)	0.11 (0.075–0.16)	1.2 (<1–1.7)	5 308	54	93 (78–100)
	2006	10	5.2 (5.1–6.2)	53 (53–64)	0.11 (0.076–0.16)	1.2 (<1–1.6)	5 142	53	99 (82–100)
	2007	10	4.7 (3.8–5.6)	48 (39–58)	0.11 (0.07–0.16)	1.1 (<1–1.6)	5 351	55	114 (95–143)
	2008	10	4.2 (3.4–5)	43 (35–52)	0.13 (0.1–0.15)	1.3 (1.1–1.5)	5 126	53	123 (102–149)
	2009	10	3.8 (3.1–4.5)	39 (32–47)	0.097 (0.062–0.14)	1 (<1–1.5)	5 250	54	140 (116–172)
Belgium	1990	10	2 (1.6–2.4)	20 (16–24)	0.026 (0.012–0.045)	<1 (<1–<1)	1 577	16	80 (67–100)
	1995	10	1.6 (1.4–1.8)	16 (14–18)	0.052 (0.031–0.08)	<1 (<1–<1)	1 380	14	87 (77–100)
	2000	10	1.5 (1.3–1.7)	14 (13–16)	0.067 (0.043–0.098)	<1 (<1–<1)	1 278	13	87 (77–100)
	2005	10	1.2 (1.1–1.4)	12 (10–13)	0.06 (0.044–0.079)	<1 (<1–<1)	1 076	10	87 (77–100)
	2006	10	1.2 (1–1.4)	11 (10–13)	0.063 (0.046–0.083)	<1 (<1–<1)	1 043	10	87 (77–100)
	2007	11	1.1 (0.96–1.2)	10 (9.1–12)	0.06 (0.044–0.079)	<1 (<1–<1)	955	9	87 (77–100)
	2008	11	0.93 (0.81–1.1)	8.8 (7.7–10)	0.048 (0.031–0.07)	<1 (<1–<1)	811	8	87 (77–100)
	2009	11	0.91 (0.82–1.1)	8.6 (7.7–10)	0.047 (0.03–0.069)	<1 (<1–<1)	815	8	89 (77–100)
Bosnia and Herzegovina	1990	4	4 (2.2–5.8)	94 (51–136)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	4 073	95	101 (70–184)
	1995	3	2.8 (2.2–3.4)	84 (67–101)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	2 132	64	76 (63–95)
	2000	4	2.3 (1.9–2.8)	63 (50–75)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	2 476	67	107 (89–133)
	2005	4	2 (1.6–2.4)	52 (42–63)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	2 111	56	107 (89–134)
	2006	4	2 (1.8–2.3)	52 (47–62)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	1 778	47	91 (76–100)
	2007	4	1.9 (1.5–2.3)	51 (41–61)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	2 373	63	123 (102–154)
	2008	4	1.9 (1.7–2.3)	51 (45–61)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	1 713	45	90 (75–100)
	2009	4	1.9 (1.6–2.2)	50 (43–58)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	1 710	45	91 (78–106)
Bulgaria	1990	9	4.1 (2.3–5.9)	46 (26–67)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	2 256	26	56 (38–100)
	1995	8	3.9 (3.2–4.6)	46 (39–55)	0.01 (<0.01–0.019)	<1 (<1–<1)	3 245	39	84 (70–100)
	2000	8	3.7 (3.3–4.4)	46 (42–55)	0.022 (0.013–0.034)	<1 (<1–<1)	3 349	42	91 (76–100)
	2005	8	3.5 (3.2–4.3)	46 (42–55)	0.038 (0.023–0.057)	<1 (<1–<1)	3 225	42	91 (76–100)
	2006	8	3.4 (3.1–4.1)	45 (41–54)	0.04 (0.024–0.06)	<1 (<1–<1)	3 136	41	91 (76–100)
	2007	8	3.1 (2.8–3.8)	41 (37–49)	0.038 (0.023–0.058)	<1 (<1–<1)	2 848	37	91 (76–100)
	2008	8	3.2 (2.9–3.9)	43 (39–51)	0.042 (0.026–0.063)	<1 (<1–<1)	2 944	39	91 (76–100)
	2009	8	3.1 (2.7–3.6)	41 (36–47)	0.043 (0.025–0.065)	<1 (<1–<1)	2 925	39	94 (82–109)
Croatia	1990	5	3.2 (2.6–3.9)	71 (57–86)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	2 576	57	80 (67–100)
	1995	5	2.4 (2.1–2.7)	52 (45–59)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	2 114	45	87 (77–100)
	2000	5	1.9 (1.6–2.1)	42 (36–47)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	1 630	36	87 (77–100)
	2005	4	1.2 (1.1–1.4)	27 (24–31)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	1 050	24	87 (77–100)
	2006	4	1.2 (1–1.3)	27 (23–30)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	1 029	23	87 (77–100)
	2007	4	1.1 (0.95–1.2)	25 (21–28)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	951	21	87 (77–100)
	2008	4	1.1 (0.98–1.3)	25 (22–29)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	980	22	87 (77–100)
	2009	4	1.1 (0.98–1.3)	25 (22–29)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	979	22	89 (77–100)
Cyprus	1990	1	0.036 (0.029–0.044)	5.3 (4.3–6.4)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	29	4	80 (67–100)
	1995	1	0.041 (0.036–0.047)	5.7 (4.9–6.4)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	36	5	87 (77–100)
	2000	1	0.038 (0.033–0.043)	4.8 (4.2–5.5)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	33	4	87 (77–100)
	2005	1	0.039 (0.034–0.044)	4.7 (4.1–5.3)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	34	4	87 (77–100)
	2006	1	0.041 (0.036–0.047)	4.9 (4.3–5.5)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	36	4	87 (77–100)
	2007	1	0.047 (0.041–0.053)	5.5 (4.8–6.2)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	41	5	87 (77–100)
	2008	1	0.048 (0.042–0.055)	5.6 (4.9–6.3)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	42	5	87 (77–100)
	2009	1	0.048 (0.042–0.055)	5.5 (4.9–6.3)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	42	5	89 (77–100)
Czech Republic	1990	10	2.4 (1.9–2.9)	23 (19–28)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	1 937	19	80 (67–100)
	1995	10	2.1 (1.8–2.4)	20 (18–23)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	1 834	18	87 (77–100)
	2000	10	1.6 (1.4–1.8)	16 (14–18)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	1 414	14	87 (77–100)
	2005	10	1.1 (0.97–1.3)	11 (9.5–12)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	973	10	87 (77–100)
	2006	10	1.1 (0.94–1.2)	11 (9.2–12)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	941	9	87 (77–100)
	2007	10	0.91 (0.79–1)	8.8 (7.7–10)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	790	8	87 (77–100)
	2008	10	0.93 (0.81–1.1)	9 (7.9–10)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	807	8	87 (77–100)
	2009	10	0.91 (0.81–1.1)	8.8 (7.8–10)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	811	8	89 (77–100)

TABLE A2.2 Incidence, notification and case detection rates, all forms, 1990–2009

YEAR	POPULATION (MILLIONS)	INCIDENCE (INCLUDING HIV)		INCIDENCE HIV-POSITIVE		NOTIFIED NEW AND RELAPSE ^a		CASE DETECTION RATE ^b	
		NUMBER (THOUSANDS)	RATE ^b	NUMBER (THOUSANDS)	RATE ^b	NUMBER	RATE ^b	PERCENT	
Estonia	1990	2	1 (0.57–1.5)	66 (36–96)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	423	27	41 (28–74)
	1995	1	0.95 (0.76–1.1)	66 (53–80)	<0.01 (<0.01–0.02)	<1 (<1–1.4)	624	43	65 (54–82)
	2000	1	0.94 (0.79–1.1)	69 (58–82)	0.04 (0.026–0.056)	2.9 (1.9–4.1)	791	58	84 (70–100)
	2005	1	0.55 (0.48–0.65)	40 (36–49)	0.038 (0.025–0.053)	2.8 (1.9–3.9)	479	36	88 (73–100)
	2006	1	0.48 (0.42–0.58)	36 (31–43)	0.047 (0.032–0.063)	3.5 (2.4–4.7)	422	31	88 (73–100)
	2007	1	0.52 (0.46–0.62)	39 (34–46)	0.059 (0.043–0.079)	4.4 (3.2–5.9)	456	34	88 (73–100)
Finland	2008	1	0.46 (0.4–0.55)	34 (30–41)	0.045 (0.032–0.061)	3.4 (2.4–4.5)	401	30	88 (73–100)
	2009	1	0.45 (0.4–0.52)	33 (30–39)	0.043 (0.03–0.057)	3.2 (2.3–4.3)	401	30	89 (77–100)
	1990	5	0.97 (0.77–1.2)	19 (15–23)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	772	15	80 (67–100)
	1995	5	0.76 (0.66–0.86)	15 (13–17)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	661	13	87 (77–100)
	2000	5	0.61 (0.53–0.69)	12 (10–13)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	527	10	87 (77–100)
	2005	5	0.39 (0.34–0.44)	7.4 (6.5–8.4)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	339	6	87 (77–100)
France	2006	5	0.32 (0.28–0.36)	6.1 (5.3–6.9)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	280	5	87 (77–100)
	2007	5	0.35 (0.3–0.39)	6.5 (5.7–7.4)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	300	6	87 (77–100)
	2008	5	0.38 (0.33–0.43)	7.2 (6.2–8.1)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	331	6	87 (77–100)
	2009	5	0.37 (0.33–0.43)	7 (6.2–8.1)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	332	6	89 (77–100)
	1990	57	11 (9–14)	20 (16–24)	0.43 (0.27–0.63)	<1 (<1–1.1)	9 030	16	80 (67–100)
	1995	58	10 (8.7–11)	17 (15–20)	0.36 (0.25–0.51)	<1 (<1–<1)	8 723	15	87 (77–100)
Georgia	2000	59	7 (6.1–8)	12 (10–13)	0.29 (0.2–0.41)	<1 (<1–<1)	6 122	10	87 (77–100)
	2005	61	5.6 (4.9–6.4)	9.2 (8–10)	0.26 (0.17–0.37)	<1 (<1–<1)	4 887	8	87 (77–100)
	2006	61	5.5 (4.8–6.3)	9 (7.8–10)	0.26 (0.17–0.37)	<1 (<1–<1)	4 817	8	87 (77–100)
	2007	62	6.1 (5.3–6.9)	9.9 (8.6–11)	0.3 (0.2–0.42)	<1 (<1–<1)	5 314	9	87 (77–100)
	2008	62	3.9 (3.4–4.4)	6.2 (5.4–7)	0.19 (0.13–0.27)	<1 (<1–<1)	3 355	5	87 (77–100)
	2009	62	3.8 (3.4–4.4)	6.1 (5.4–7)	0.19 (0.13–0.27)	<1 (<1–<1)	3 372	5	89 (77–100)
Germany	1990	5	5.8 (3.2–8.4)	107 (59–155)	0.014 (<0.01–0.042)	<1 (<1–<1)	1 537	28	86 (67–100)
	1995	5	5.4 (4.3–6.5)	107 (85–128)	0.022 (<0.01–0.048)	<1 (<1–<1)	1 625	32	30 (25–38)
	2000	5	5.1 (4.4–6.1)	107 (93–128)	0.034 (0.015–0.063)	<1 (<1–1.3)	4 397	93	87 (72–100)
	2005	4	4.8 (4.5–5.7)	107 (101–128)	0.056 (0.033–0.086)	1.3 (<1–1.9)	4 501	101	95 (79–100)
	2006	4	4.7 (4.6–5.6)	107 (103–128)	0.064 (0.039–0.094)	1.4 (<1–2.1)	4 554	103	97 (81–100)
	2007	4	4.6 (4.3–5.6)	107 (99–128)	0.09 (0.063–0.12)	2.1 (1.5–2.8)	4 310	99	93 (77–100)
Greece	2008	4	4.6 (4.4–5.5)	107 (102–128)	0.06 (0.035–0.091)	1.4 (<1–2.1)	4 412	102	96 (80–100)
	2009	4	4.5 (4–5.1)	107 (94–119)	0.09 (0.054–0.14)	2.1 (1.3–3.2)	4 752	112	105 (93–118)
	1990	79	18 (15–22)	23 (18–28)	0.25 (0.16–0.37)	<1 (<1–<1)	14 653	18	80 (67–100)
	1995	82	14 (12–16)	17 (15–19)	0.19 (0.12–0.28)	<1 (<1–<1)	12 198	15	87 (77–100)
	2000	82	10 (9.1–12)	13 (11–14)	0.17 (0.11–0.24)	<1 (<1–<1)	9 064	11	87 (77–100)
	2005	82	6.4 (5.5–7.2)	7.7 (6.7–8.7)	0.12 (0.076–0.17)	<1 (<1–<1)	5 539	7	87 (77–100)
Hungary	2006	82	5.8 (5–6.5)	7 (6.1–7.9)	0.11 (0.071–0.16)	<1 (<1–<1)	5 021	6	87 (77–100)
	2007	82	5.3 (4.6–6)	6.4 (5.6–7.3)	0.11 (0.069–0.15)	<1 (<1–<1)	4 609	6	87 (77–100)
	2008	82	4.2 (3.7–4.8)	5.1 (4.5–5.8)	0.088 (0.056–0.13)	<1 (<1–<1)	3 664	4	87 (77–100)
	2009	82	4.1 (3.7–4.8)	5 (4.5–5.8)	0.088 (0.056–0.13)	<1 (<1–<1)	3 660	4	89 (77–100)
	1990	10	1.1 (0.88–1.3)	11 (8.6–13)	0.019 (0.012–0.028)	<1 (<1–<1)	877	9	80 (67–100)
	1995	11	1.1 (0.94–1.2)	10 (8.8–11)	0.02 (0.013–0.028)	<1 (<1–<1)	939	9	87 (77–100)
Iceland	2000	11	0.81 (0.7–0.91)	7.4 (6.4–8.4)	0.015 (<0.01–0.022)	<1 (<1–<1)	703	6	87 (77–100)
	2005	11	0.72 (0.63–0.81)	6.5 (5.7–7.4)	0.014 (<0.01–0.021)	<1 (<1–<1)	626	6	87 (77–100)
	2006	11	0.67 (0.58–0.75)	6 (5.2–6.8)	0.013 (<0.01–0.019)	<1 (<1–<1)	580	5	87 (77–100)
	2007	11	0.68 (0.59–0.77)	6.1 (5.3–6.9)	0.014 (<0.01–0.02)	<1 (<1–<1)	593	5	87 (77–100)
	2008	11	0.62 (0.54–0.7)	5.5 (4.8–6.2)	0.012 (<0.01–0.018)	<1 (<1–<1)	535	5	87 (77–100)
	2009	11	0.6 (0.54–0.7)	5.4 (4.8–6.2)	0.012 (<0.01–0.018)	<1 (<1–<1)	536	5	89 (77–100)
Ireland	1990	10	4.5 (3.6–5.4)	43 (35–52)	0.061 (0.035–0.095)	<1 (<1–<1)	3 588	35	80 (67–100)
	1995	10	5 (4.3–5.6)	48 (42–55)	0.053 (0.031–0.082)	<1 (<1–<1)	4 339	42	87 (77–100)
	2000	10	3.5 (3.1–4)	35 (30–39)	0.03 (0.018–0.046)	<1 (<1–<1)	3 073	30	87 (77–100)
	2005	10	2.1 (1.8–2.4)	21 (18–23)	0.017 (<0.01–0.026)	<1 (<1–<1)	1 808	18	87 (77–100)
	2006	10	1.9 (1.7–2.2)	19 (17–22)	0.016 (<0.01–0.024)	<1 (<1–<1)	1 687	17	87 (77–100)
	2007	10	1.8 (1.5–2)	18 (15–20)	0.015 (<0.01–0.023)	<1 (<1–<1)	1 540	15	87 (77–100)
Israel	2008	10	1.6 (1.4–1.9)	16 (14–19)	0.014 (<0.01–0.022)	<1 (<1–<1)	1 428	14	87 (77–100)
	2009	10	1.6 (1.4–1.9)	16 (14–19)	0.014 (<0.01–0.022)	<1 (<1–<1)	1 425	14	89 (77–100)
	1990	0	0.023 (0.018–0.027)	8.8 (7.1–11)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	18	7	80 (67–100)
	1995	0	0.014 (0.012–0.016)	5.2 (4.5–5.8)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	12	4	87 (77–100)
	2000	0	0.015 (0.013–0.017)	5.3 (4.6–6)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	13	5	87 (77–100)
	2005	0	0.012 (0.01–0.013)	3.9 (3.4–4.4)	<0.01 (<0.01–<0.01)	<1 (<1–1.6)	10	3	87 (77–100)
Italy	2006	0	0.015 (0.013–0.017)	5 (4.3–5.6)	<0.01 (<0.01–<0.01)	<1 (<1–2.1)	13	4	87 (77–100)
	2007	0	0.014 (0.012–0.016)	4.5 (3.9–5.1)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	12	4	87 (77–100)
	2008	0	<0.01 (<0.01–<0.01)	2.2 (1.9–2.5)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	6	2	87 (77–100)
	2009	0	<0.01 (<0.01–<0.01)	2.1 (1.9–2.5)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	6	2	89 (77–100)
	1990	4	0.78 (0.62–0.94)	22 (18–27)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	624	18	80 (67–100)
	1995	4	0.53 (0.46–0.6)	15 (13–16)	<0.01 (<0.01–0.012)	<1 (<1–<1)	458	13	87 (77–100)
Kazakhstan	2000	4	0.44 (0.39–0.5)	12 (10–13)	0.011 (<0.01–0.017)	<1 (<1–<1)	386	10	87 (77–100)
	2005	4	0.45 (0.39–0.5)	11 (9.2–12)	0.014 (<0.01–0.02)	<1 (<1–<1)	387	9	87 (77–100)
	2006	4	0.48 (0.42–0.54)	11 (9.7–13)	0.015 (<0.01–0.022)	<1 (<1–<1)	416	10	87 (77–100)
	2007	4	0.49 (0.43–0.55)	11 (9.8–13)	0.016 (0.01–0.023)	<1 (<1–<1)	425	10	87 (77–100)
	2008	4	0.39 (0.34–0.44)	8.7 (7.6–9.9)	0.013 (<0.01–0.018)	<1 (<1–<1)	337	8	87 (77–100)
	2009	5	0.38 (0.34–0.45)	8.5 (7.6–9.9)	0.013 (<0.01–0.019)	<1 (<1–<1)	343	8	89 (77–100)
Kyrgyzstan	1990	5	0.29 (0.23–0.35)	6.5 (5.2–7.8)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	234	5	80 (67–100)
	1995	5	0.46 (0.4–0.52)	8.5 (7.4–9.6)	0.013 (<0.01–0.02)	<1 (<1–<1)	398	7	87 (77–100)
	2000	6	0.64 (0.56–0.72)	11 (9.2–12)	0.024 (0.015–0.036)	<1 (<1–<1)	557	9	87 (77–100)
	2005	7	0.46 (0.4–0.52)	6.9 (6–7.8)	0.02 (0.013–0.03)	<1 (<1–<1)	402	6	87 (77–100)
	2006	7	0.44 (0.38–0.5)	6.5 (5.6–7.3)	0.02 (0.012–0.029)	<1 (<1–<1)	384	6	87 (77–100)
	2007	7	0.45 (0.39–0.51)	6.5 (5.7–7.4)	0.021 (0.012–0.032)	<1 (<1–<1)	392	6	87 (77–100)
Latvia	2008	7	0.42 (0.37–0.48)	6 (5.2–6.8)	0.02 (0.012–0.029)	<1 (<1–<1)	367	5	87 (77–100)
	2009	7	0.42 (0.37–0.49)	5.8 (5.2–6.8)	0.02 (0.012–0.029)	<1 (<1–<1)	345	5	83 (71–92)
	1990	57	5.3 (4.2–6.4)	9.3 (7.4–11)	0.22 (0.11–0.36)	<1 (<1–<1)	4 246	7	80 (67–100)
	1995	57	6.5 (5.6–7.3)	11 (9.8–13)	0.29 (0.18–0.42)	<1 (<1–<1)	5 627	10	87 (77–100)
	2000	57	4 (3.5–4.6)	7 (6.1–8)	0.19 (0.12–0.27)	<1 (<1–<1)	3 501	6	87 (77–100)
	2005	59	4.4 (3.8–5)	7.5 (6.5–8.5)	0.21 (0.14–0.3)	<1 (<1–<1)	3 828	7	87 (77–100)
Lithuania	2006	59	4.8 (4.1–5.4)	8.1 (7–9.1)	0.23 (0.15–0.33)	<1 (<1–<1)	4 145	7	87 (77–100)
	2007	59	3.1 (2.7–3.5)	5.2 (4.5–5.9)	0.15 (0.1–0.22)	<1 (<1–<1)	2 695	5	87 (77–100)
	2008	60	3.9 (3.4–4.4)	6.6 (5.7–7.4)	0.2 (0.13–0.28)	<1 (<1–<1)	3 414	6	87 (77–100)
	2009	60	3.8 (3.4–4.5)	6.4 (5.7–7.4)	0.19 (0.13–0.28)	<1 (<1–<1)	3 429	6	89 (77–100)
	1990	17	23 (13–33)	139 (76–201)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	10 969	66	48 (33–87)
	1995	16	22 (18–27)	139 (111–166)	<0.01 (<0.01–0.014)	<1 (<1–<1)	11 310	71	51 (43–64)
Morocco	2000	15	29 (26–35)	196 (173–236)	0.031 (<0.01–0.066)	<1 (<1–<1)	25 843	173	88 (73–100)
	2005	15	33 (26–39)	215 (172–258)	0.23 (0.18–0.29)	1.5 (1.2–1.9)	25 512	168	78 (65–97)
	2006	15	31 (25–37)	204 (163–245)	0.31 (0.24–0.38)	2 (1.6–2.5)	23 796	156	76 (64–95)
	2007	15	29 (25–35)	190 (161–228)	0.25 (0.2–0.31)	1.6 (1.3–2)	24 752	161	84 (70–100)
	2008	16	27 (23–33)	175 (149–210)	0.054 (0.038–0.075)	<1 (<1–<1)	23 140	149	85 (71–100)
	2009	16	26 (21–30)	163 (136–192)	0.23 (0.14–0.36)	1.5 (<1–2.3)	20 508	131	80 (68–96)
New Zealand	1990	4	6.3 (3.4–9.1)	143 (78–207)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	2 306	52	37 (25–67)
	1995	5	6.5 (5.2–7.9)	143 (114–171)	<0.01 (<0.01–0.029)	<1 (<1–<1)	3 393	74	52 (43–65)
	2000	5	7.5 (6.2–9)	151 (125–181)	0.017 (<0.01–0.08)	<1 (<1–1.6)	6 20		

TABLE A2.2 Incidence, notification and case detection rates, all forms, 1990–2009

YEAR	POPULATION (MILLIONS)	INCIDENCE (INCLUDING HIV)		INCIDENCE HIV-POSITIVE		NOTIFIED NEW AND RELAPSE ^a		CASE DETECTION RATE ^b	
		NUMBER (THOUSANDS)	RATE ^b	NUMBER (THOUSANDS)	RATE ^b	NUMBER	RATE ^b	PERCENT	
Latvia	1990	3	2.5 (1.4–3.6)	92 (51–134)	<0.01 (<0.01–0.031)	<1 (<1–1.2)	906	34	37 (25–67)
	1995	2	2.3 (1.8–2.8)	92 (74–111)	0.024 (<0.01–0.049)	<1 (<1–2)	1 541	62	67 (56–84)
	2000	2	2.2 (2–2.7)	94 (83–112)	0.062 (0.039–0.09)	2.6 (1.6–3.8)	1 982	83	89 (74–100)
	2005	2	1.5 (1.4–1.9)	68 (61–81)	0.058 (0.042–0.077)	2.5 (1.8–3.4)	1 409	61	91 (76–100)
	2006	2	1.4 (1.3–1.7)	62 (57–74)	0.051 (0.036–0.069)	2.3 (1.6–3)	1 290	57	92 (76–100)
	2007	2	1.3 (1.2–1.6)	59 (54–70)	0.061 (0.044–0.08)	2.7 (2–3.5)	1 227	64	92 (77–100)
Lithuania	2008	2	1.1 (1–1.3)	50 (46–60)	0.088 (0.062–0.12)	3.9 (2.7–5.3)	1 046	46	93 (77–100)
	2009	2	1 (0.88–1.2)	45 (39–51)	0.089 (0.063–0.12)	4 (2.8–5.3)	1 042	46	103 (91–118)
	1990	4	3.4 (1.9–4.9)	92 (51–133)	0.039 (<0.01–0.093)	1.1 (<1–2.5)	1 471	40	43 (30–79)
	1995	4	3.3 (2.7–4)	92 (74–110)	0.094 (0.042–0.17)	2.6 (1.2–4.6)	2 362	65	71 (59–88)
	2000	4	3 (2.7–3.6)	85 (76–102)	0.17 (0.098–0.26)	4.9 (2.8–7.6)	2 657	76	89 (74–100)
	2005	3	2.4 (2.1–2.9)	70 (62–83)	0.21 (0.12–0.32)	6.1 (3.6–9.2)	2 114	62	89 (74–100)
Luxembourg	2006	3	2.7 (2.4–3.2)	78 (70–94)	0.25 (0.15–0.37)	7.3 (4.3–11)	2 365	70	89 (74–100)
	2007	3	2.5 (2.2–3)	75 (67–90)	0.24 (0.14–0.37)	7.2 (4.3–11)	2 235	67	89 (74–100)
	2008	3	2.4 (2.1–2.8)	71 (63–85)	0.23 (0.14–0.35)	7.1 (4.3–11)	2 095	63	89 (74–100)
	2009	3	2.3 (2–2.7)	71 (61–82)	0.47 (0.33–0.63)	14 (9.9–19)	2 073	63	89 (77–104)
	1990	0	0.06 (0.048–0.072)	16 (13–19)	<0.01 (<0.01–0.01)	<1 (<1–1)	48	13	80 (67–100)
	1995	0	0.037 (0.032–0.042)	9 (7.8–10)	<0.01 (<0.01–0.01)	<1 (<1–1)	32	8	87 (77–100)
Malta	2000	0	0.051 (0.044–0.057)	12 (10–13)	<0.01 (<0.01–0.01)	<1 (<1–1)	44	10	87 (77–100)
	2005	0	0.043 (0.037–0.048)	9.2 (8–10)	<0.01 (<0.01–0.01)	<1 (<1–1)	37	8	87 (77–100)
	2006	0	0.038 (0.033–0.043)	8.1 (7–9.1)	<0.01 (<0.01–0.01)	<1 (<1–1)	33	7	87 (77–100)
	2007	0	0.045 (0.039–0.051)	9.4 (8.2–11)	<0.01 (<0.01–0.01)	<1 (<1–1)	39	8	87 (77–100)
	2008	0	0.045 (0.039–0.051)	9.4 (8.2–11)	<0.01 (<0.01–0.01)	<1 (<1–1)	0	<1	0 (0–0)
	2009	0	0.045 (0.04–0.052)	9.2 (8.2–11)	<0.01 (<0.01–0.01)	<1 (<1–1)	0	<1	0 (0–0)
Monaco	1990	0	0.016 (0.013–0.02)	4.5 (3.6–5.4)	<0.01 (<0.01–0.01)	<1 (<1–1)	13	4	80 (67–100)
	1995	0	0.013 (0.011–0.014)	3.3 (2.9–3.8)	<0.01 (<0.01–0.01)	<1 (<1–1)	11	3	87 (77–100)
	2000	0	0.018 (0.016–0.021)	4.7 (4.1–5.3)	<0.01 (<0.01–0.01)	<1 (<1–1)	16	4	87 (77–100)
	2005	0	0.024 (0.021–0.027)	6 (5.2–6.8)	<0.01 (<0.01–0.01)	<1 (<1–1)	21	5	87 (77–100)
	2006	0	0.035 (0.03–0.039)	8.5 (7.4–9.6)	<0.01 (<0.01–0.01)	<1 (<1–1.2)	30	7	87 (77–100)
	2007	0	0.044 (0.038–0.049)	11 (9.4–12)	<0.01 (<0.01–0.01)	1.1 (<1–1.6)	38	9	87 (77–100)
Montenegro	2008	0	0.056 (0.048–0.064)	14 (12–16)	<0.01 (<0.01–0.01)	1.5 (1.1–2)	48	12	85 (75–98)
	2009	0	0.054 (0.048–0.063)	13 (12–15)	<0.01 (<0.01–0.01)	1.7 (1.2–2.3)	48	12	89 (77–100)
	1990	0	<0.01 (<0.01–0.01)	4.3 (3.4–5.1)	<0.01 (<0.01–0.01)	<1 (<1–1)	1	3	80 (67–100)
	1995	0	<0.01 (<0.01–0.01)	3.8 (3.3–4.2)	<0.01 (<0.01–0.01)	<1 (<1–1)	1	3	87 (77–100)
	2000	0	<0.01 (<0.01–0.01)	<1 (<1–1)	<0.01 (<0.01–0.01)	<1 (<1–1)	0	<1	–
	2005	0	<0.01 (<0.01–0.01)	<1 (<1–1)	<0.01 (<0.01–0.01)	<1 (<1–1)	–	–	–
Netherlands	2006	0	<0.01 (<0.01–0.01)	<1 (<1–1)	<0.01 (<0.01–0.01)	<1 (<1–1)	–	–	–
	2007	0	<0.01 (<0.01–0.01)	<1 (<1–1)	<0.01 (<0.01–0.01)	<1 (<1–1)	–	–	–
	2008	0	<0.01 (<0.01–0.01)	<1 (<1–1)	<0.01 (<0.01–0.01)	<1 (<1–1)	–	–	–
	2009	0	<0.01 (<0.01–0.01)	<1 (<1–1)	<0.01 (<0.01–0.01)	<1 (<1–1)	–	–	–
	2005	1	0.17 (0.16–0.2)	27 (25–32)	<0.01 (<0.01–0.01)	<1 (<1–1)	156	25	93 (78–100)
	2006	1	0.18 (0.17–0.22)	29 (27–35)	<0.01 (<0.01–0.01)	<1 (<1–1)	167	27	93 (77–100)
Norway	2007	1	0.16 (0.15–0.19)	25 (24–31)	<0.01 (<0.01–0.01)	<1 (<1–1)	147	24	93 (78–100)
	2008	1	0.14 (0.13–0.17)	23 (21–27)	<0.01 (<0.01–0.01)	<1 (<1–1)	131	21	93 (78–100)
	2009	1	0.13 (0.12–0.15)	21 (18–24)	<0.01 (<0.01–0.01)	<1 (<1–1)	113	18	85 (75–98)
	1990	15	1.7 (1.4–2.1)	11 (9.2–14)	0.025 (0.014–0.041)	<1 (<1–1)	1 369	9	80 (67–100)
	1995	15	1.9 (1.6–2.1)	12 (10–14)	0.049 (0.029–0.075)	<1 (<1–1)	1 619	10	87 (77–100)
	2000	16	1.4 (1.2–1.6)	9 (7.8–10)	0.046 (0.028–0.068)	<1 (<1–1)	1 244	8	87 (77–100)
Poland	2005	16	1.3 (1.1–1.5)	7.9 (6.9–9)	0.046 (0.029–0.068)	<1 (<1–1)	1 127	7	87 (77–100)
	2006	16	1.2 (1–1.3)	7 (6.1–7.9)	0.042 (0.026–0.062)	<1 (<1–1)	1 002	6	87 (77–100)
	2007	16	1.1 (0.93–1.2)	6.5 (5.7–7.3)	0.039 (0.024–0.059)	<1 (<1–1)	930	6	87 (77–100)
	2008	17	1.1 (0.96–1.3)	6.7 (5.8–7.6)	0.041 (0.025–0.062)	<1 (<1–1)	964	6	87 (77–100)
	2009	17	1.1 (0.97–1.3)	6.5 (5.8–7.6)	0.041 (0.025–0.063)	<1 (<1–1)	968	6	89 (77–100)
	1990	4	0.36 (0.29–0.43)	8.4 (6.7–10)	<0.01 (<0.01–0.01)	<1 (<1–1)	285	7	80 (67–100)
Portugal	1995	4	0.27 (0.24–0.31)	6.2 (5.4–7)	<0.01 (<0.01–0.01)	<1 (<1–1)	236	5	87 (77–100)
	2000	4	0.25 (0.22–0.29)	5.7 (4.9–6.4)	<0.01 (<0.01–0.01)	<1 (<1–1)	221	5	87 (77–100)
	2005	5	0.31 (0.27–0.35)	6.7 (5.8–7.5)	<0.01 (<0.01–0.01)	<1 (<1–1)	269	6	87 (77–100)
	2006	5	0.32 (0.28–0.36)	6.8 (5.9–7.7)	<0.01 (<0.01–0.01)	<1 (<1–1)	276	6	87 (77–100)
	2007	5	0.32 (0.28–0.37)	6.9 (6–7.8)	<0.01 (<0.01–0.01)	<1 (<1–1)	282	6	87 (77–100)
	2008	5	0.29 (0.25–0.33)	6.1 (5.3–6.9)	<0.01 (<0.01–0.01)	<1 (<1–1)	252	5	87 (77–100)
Romania	2009	5	0.28 (0.25–0.33)	5.9 (5.3–6.9)	<0.01 (<0.01–0.01)	<1 (<1–1)	254	5	89 (77–100)
	1990	38	20 (16–29)	52 (42–76)	0.11 (0.051–0.19)	<1 (<1–1)	16 136	42	81 (56–100)
	1995	39	20 (16–23)	51 (41–61)	0.21 (0.12–0.32)	<1 (<1–1)	15 958	41	82 (68–100)
	2000	38	14 (11–16)	35 (28–42)	0.19 (0.11–0.29)	<1 (<1–1)	10 931	28	81 (67–100)
	2005	38	10 (8.2–12)	27 (21–32)	0.17 (0.1–0.26)	<1 (<1–1)	8 203	21	81 (67–100)
	2006	38	9.9 (8–12)	26 (21–31)	0.17 (0.1–0.25)	<1 (<1–1)	8 017	21	81 (68–100)
Russian Federation	2007	38	9.6 (8–12)	25 (21–30)	0.17 (0.1–0.25)	<1 (<1–1)	8 019	21	84 (70–100)
	2008	38	9.3 (7.5–11)	25 (20–29)	0.17 (0.098–0.25)	<1 (<1–1)	7 421	19	79 (66–99)
	2009	38	9.1 (7.4–11)	24 (19–29)	0.16 (0.097–0.25)	<1 (<1–1)	7 922	21	87 (72–107)
	1990	10	7.8 (6.2–9.3)	78 (62–93)	0.32 (0.16–0.54)	3.2 (1.6–5.4)	6 214	62	80 (67–100)
	1995	10	6.4 (5.6–7.3)	64 (56–72)	0.62 (0.38–0.92)	6.2 (3.8–9.1)	5 577	56	87 (77–100)
	2000	10	4.9 (4.2–5.5)	48 (41–54)	0.66 (0.44–0.94)	6.5 (4.3–9.2)	4 227	41	87 (77–100)
San Marino	2005	11	3.8 (3.3–4.3)	36 (31–41)	0.66 (0.56–0.76)	6.2 (5.3–7.2)	3 303	31	87 (77–100)
	2006	11	3.7 (3.2–4.2)	35 (30–39)	0.58 (0.5–0.68)	5.5 (4.7–6.4)	3 218	30	87 (77–100)
	2007	11	3.4 (3–3.8)	32 (28–36)	0.54 (0.46–0.62)	5 (4.3–5.8)	2 952	28	87 (77–100)
	2008	11	3.2 (2.8–3.7)	30 (26–34)	0.47 (0.4–0.55)	4.4 (3.8–5.1)	2 817	26	87 (77–100)
	2009	11	3.2 (2.8–3.7)	30 (26–34)	0.54 (0.36–0.76)	5.1 (3.3–7.1)	2 825	26	89 (77–100)
	1990	4	5 (2.7–7.2)	114 (62–165)	0.14 (<0.01–0.52)	3.2 (<1–12)	1 728	40	35 (24–63)
Ukraine	1995	4	4.9 (3.9–5.9)	114 (91–136)	0.34 (0.13–0.65)	7.7 (2.9–15)	2 925	67	59 (49–74)
	2000	4	5.6 (4.5–6.7)	136 (109–163)	1.1 (0.7–1.6)	27 (17–39)	2 935	72	53 (44–66)
	2005	4	6.2 (5.1–7.4)	164 (137–197)	0.011 (<0.01–0.02)	<1 (<1–1)	5 141	137	83 (69–100)
	2006	4	6.2 (5–7.5)	168 (135–202)	0.025 (0.014–0.039)	<1 (<1–1.1)	4 990	135	80 (67–100)
	2007	4	6.3 (5–7.5)	171 (137–206)	0.25 (0.2–0.32)	6.8 (5.3–8.6)	4 857	132	77 (64–97)
	2008	4	6.3 (5.1–7.6)	175 (140–210)	5.3 (3.6–6.9)	147 (99–191)	4 442	122	70 (58–88)
Yemen	2009	4	6.4 (5.2–7.7)	178 (145–215)	1.4 (0.93–2)	40 (26–56)	4 337	120	66 (56–83)
	1990	23	33 (18–48)	143 (79–208)	0.25 (0.097–0.51)	1.1 (<1–2.2)	16 256	70	49 (34–89)
	1995	23	33 (26–39)	143 (115–172)	0.64 (0.36–1)	2.8 (1.6–4.5)	23 271	103	72 (60–89)
	2000	22	37 (30–44)	167 (134–201)	1.1 (0.88–1.7)	5.1 (3.1–7.7)	27 470	124	74 (62–93)
	2005	22	36 (28–43)	164 (131–197)	1.2 (0.73–1.8)	5.5 (3.4–8.3)	26 104	121	73 (61–92)
	2006	22	33 (27–40)	155 (124–186)	1.1 (0.69–1.7)	5.2 (3.2–7.9)	24 295	113	73 (61–91)
Zimbabwe	2007	21	31 (25–37)	145 (116–174)	1 (0.63–1.6)	4.8 (2.9–7.3)	22 590	105	73 (61–91)
	2008	21	29 (23–34)	134 (107–161)	0.95 (0.65–1.3)	4.4 (3–6.2)	21 724	102	76 (63–95)
	2009	21	27 (22–32)	125 (101–150)	0.87 (0.52–1.3)	4.1 (2.4–6.2)	21 636	102	82 (68–100)
	1990	148	160 (87–2						

TABLE A2.2 Incidence, notification and case detection rates, all forms, 1990–2009

YEAR	POPULATION (MILLIONS)	INCIDENCE (INCLUDING HIV)		INCIDENCE HIV-POSITIVE		NOTIFIED NEW AND RELAPSE ^a		CASE DETECTION RATE ^a	
		NUMBER (THOUSANDS)	RATE ^b	NUMBER (THOUSANDS)	RATE ^b	NUMBER	RATE ^b	PERCENT	
Serbia	2005	10	3.4 (3.2–4.1)	34 (33–41)	0.041 (0.021–0.068)	<1 (<1–<1)	3 208	33	95 (79–100)
	2006	10	3.3 (3.1–4)	34 (32–40)	0.042 (0.022–0.07)	<1 (<1–<1)	3 146	32	95 (79–100)
	2007	10	3 (2.9–3.7)	31 (29–37)	0.04 (0.021–0.067)	<1 (<1–<1)	2 891	29	95 (79–100)
	2008	10	1.8 (1.5–2.2)	18 (15–22)	0.025 (0.012–0.042)	<1 (<1–<1)	2 714	28	150 (125–187)
2009	10	1.5 (1.2–1.8)	15 (12–18)	0.02 (0.01–0.035)	<1 (<1–<1)	1 625	16	111 (92–137)	
Serbia & Montenegro	1990	10	6 (4.2–8.7)	59 (41–86)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	4 194	41	70 (48–100)
	1995	11	5.8 (4.6–6.9)	53 (43–64)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	2 798	26	48 (40–61)
	2000	11	4.3 (3.4–5.2)	40 (32–48)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	2 864	27	67 (56–83)
Slovakia	1990	5	1.8 (1.4–2.2)	34 (28–41)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	1 448	28	80 (67–100)
	1995	5	1.8 (1.5–2)	33 (29–37)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	1 540	29	87 (77–100)
	2000	5	1.2 (1–1.3)	22 (19–24)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	1 010	19	87 (77–100)
	2005	5	0.82 (0.71–0.92)	15 (13–17)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	710	13	87 (77–100)
	2006	5	0.77 (0.67–0.87)	14 (12–16)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	673	12	87 (77–100)
	2007	5	0.72 (0.62–0.81)	13 (12–15)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	622	12	87 (77–100)
	2008	5	0.64 (0.56–0.73)	12 (10–13)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	559	10	87 (77–100)
2009	5	0.63 (0.56–0.73)	12 (10–13)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	560	10	89 (77–100)	
Slovenia	1990	2	0.9 (0.72–1.1)	47 (37–56)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	722	37	80 (67–100)
	1995	2	0.6 (0.53–0.68)	31 (27–35)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	525	27	87 (77–100)
	2000	2	0.42 (0.37–0.48)	21 (19–24)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	368	19	87 (77–100)
	2005	2	0.31 (0.27–0.35)	15 (13–17)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	269	13	87 (77–100)
	2006	2	0.24 (0.21–0.27)	12 (10–13)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	207	10	87 (77–100)
	2007	2	0.24 (0.21–0.28)	12 (11–14)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	212	11	87 (77–100)
	2008	2	0.24 (0.21–0.27)	12 (10–13)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	208	10	87 (77–100)
2009	2	0.23 (0.21–0.27)	12 (10–13)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	209	10	89 (77–100)	
Spain	1990	39	9.5 (7.6–11)	24 (20–29)	0.55 (0.36–0.77)	1.4 (<1–2)	7 600	20	80 (67–100)
	1995	39	10 (8.8–11)	26 (22–29)	0.71 (0.49–0.97)	1.8 (1.3–2.5)	8 764	22	87 (77–100)
	2000	40	9.2 (8–10)	23 (20–26)	0.67 (0.46–0.91)	1.7 (1.2–2.3)	7 993	20	87 (77–100)
	2005	43	8.4 (7.3–9.5)	19 (17–22)	0.62 (0.43–0.84)	1.4 (1–1.9)	7 281	17	87 (77–100)
	2006	44	9 (7.8–10)	21 (18–23)	0.67 (0.47–0.9)	1.5 (1.1–2.1)	7 815	18	87 (77–100)
	2007	44	8.4 (7.3–9.6)	19 (17–22)	0.63 (0.54–0.73)	1.4 (1.2–1.7)	7 347	17	87 (77–100)
	2008	44	7.8 (6.8–8.8)	17 (15–20)	0.58 (0.41–0.79)	1.3 (<1–1.8)	6 769	15	87 (77–100)
	2009	45	7.7 (6.8–8.9)	17 (15–20)	0.58 (0.4–0.78)	1.3 (<1–1.7)	6 832	15	89 (77–100)
	1990	9	0.7 (0.56–0.84)	8.1 (6.5–9.8)	<0.01 (<0.01–0.011)	<1 (<1–<1)	557	7	80 (67–100)
	1995	9	0.65 (0.56–0.73)	7.3 (6.4–8.3)	0.01 (<0.01–0.015)	<1 (<1–<1)	564	6	87 (77–100)
2000	9	0.48 (0.42–0.54)	5.4 (4.7–6.1)	<0.01 (<0.01–0.013)	<1 (<1–<1)	417	5	87 (77–100)	
2005	9	0.62 (0.54–0.7)	6.8 (5.9–7.7)	0.013 (<0.01–0.019)	<1 (<1–<1)	539	6	87 (77–100)	
2006	9	0.56 (0.49–0.64)	6.2 (5.4–7)	0.012 (<0.01–0.018)	<1 (<1–<1)	489	5	87 (77–100)	
2007	9	0.53 (0.46–0.6)	5.8 (5–6.5)	0.011 (<0.01–0.017)	<1 (<1–<1)	460	5	87 (77–100)	
2008	9	0.53 (0.46–0.59)	5.7 (5–6.5)	0.011 (<0.01–0.017)	<1 (<1–<1)	457	5	87 (77–100)	
2009	9	0.51 (0.46–0.6)	5.6 (5–6.5)	0.011 (<0.01–0.017)	<1 (<1–<1)	459	5	89 (77–100)	
Switzerland	1990	7	1.6 (1.3–1.9)	24 (19–29)	0.044 (0.025–0.069)	<1 (<1–<1)	1 278	19	80 (67–100)
	1995	7	0.95 (0.83–1.1)	14 (12–15)	0.033 (0.021–0.049)	<1 (<1–<1)	830	12	87 (77–100)
	2000	7	0.63 (0.54–0.71)	8.7 (7.6–9.8)	0.025 (0.016–0.036)	<1 (<1–<1)	544	8	87 (77–100)
	2005	7	0.58 (0.51–0.66)	7.9 (6.8–8.9)	0.027 (0.017–0.039)	<1 (<1–<1)	508	7	87 (77–100)
	2006	7	0.53 (0.46–0.6)	7.1 (6.2–8)	0.025 (0.015–0.036)	<1 (<1–<1)	461	6	87 (77–100)
	2007	8	0.49 (0.43–0.55)	6.5 (5.7–7.4)	0.024 (0.015–0.035)	<1 (<1–<1)	425	6	87 (77–100)
	2008	8	0.37 (0.32–0.41)	4.9 (4.2–5.5)	0.018 (0.011–0.027)	<1 (<1–<1)	319	4	87 (77–100)
	2009	8	0.36 (0.32–0.42)	4.7 (4.2–5.5)	0.018 (0.011–0.027)	<1 (<1–<1)	333	4	93 (80–104)
Tajikistan	1990	5	4.9 (2.7–7.1)	92 (51–134)	0.019 (0.01–0.035)	<1 (<1–<1)	2 460	46	50 (35–91)
	1995	6	5.3 (4.3–6.4)	92 (74–111)	0.043 (0.022–0.072)	<1 (<1–1.3)	2 029	35	38 (32–47)
	2000	6	7.2 (5.7–8.6)	116 (93–139)	0.11 (0.057–0.18)	1.8 (<1–2.9)	2 779	45	39 (32–48)
	2005	7	13 (10–16)	198 (158–237)	0.28 (0.15–0.45)	4.2 (2.3–6.9)	5 460	84	42 (35–53)
	2006	7	12 (9.8–15)	185 (148–222)	0.27 (0.15–0.44)	4.1 (2.2–6.7)	5 362	81	44 (36–55)
	2007	7	14 (11–17)	206 (165–248)	0.32 (0.17–0.52)	4.8 (2.6–7.8)	6 297	94	45 (38–57)
	2008	7	14 (11–16)	199 (159–239)	0.55 (0.37–0.76)	8 (5.5–11)	6 396	94	47 (39–59)
2009	7	14 (11–17)	202 (164–243)	0.11 (0.078–0.15)	1.6 (1.1–2.2)	6 125	88	44 (36–54)	
The Former Yugoslav Republic of Macedonia	1990	2	1.5 (0.85–2.2)	81 (44–117)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	–	–	–
	1995	2	1.1 (0.91–1.4)	58 (46–69)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	786	40	69 (58–86)
	2000	2	0.83 (0.67–1)	41 (33–50)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	641	32	77 (64–96)
	2005	2	0.6 (0.6–0.72)	30 (29–36)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	598	29	99 (83–100)
	2006	2	0.56 (0.56–0.68)	28 (28–33)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	561	28	99 (83–100)
	2007	2	0.53 (0.53–0.63)	26 (26–31)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	526	26	100 (83–100)
	2008	2	0.49 (0.45–0.59)	24 (22–29)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	450	22	91 (76–100)
2009	2	0.46 (0.4–0.53)	23 (19–26)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	450	22	97 (84–114)	
Turkey	1990	56	32 (24–47)	58 (44–84)	<0.01 (<0.01–0.012)	<1 (<1–<1)	24 468	44	75 (52–100)
	1995	61	35 (28–43)	58 (46–70)	0.017 (<0.01–0.032)	<1 (<1–<1)	22 981	38	65 (54–81)
	2000	66	31 (25–37)	46 (37–55)	0.03 (0.015–0.05)	<1 (<1–<1)	18 038	27	59 (49–74)
	2005	71	24 (20–28)	33 (28–40)	0.039 (0.021–0.063)	<1 (<1–<1)	19 744	28	83 (69–100)
	2006	72	23 (20–28)	32 (27–38)	0.041 (0.022–0.067)	<1 (<1–<1)	19 629	27	85 (71–100)
	2007	73	23 (19–27)	31 (26–37)	0.046 (0.025–0.074)	<1 (<1–<1)	18 878	26	83 (69–100)
	2008	74	22 (18–27)	30 (24–36)	0.048 (0.026–0.079)	<1 (<1–<1)	17 600	24	79 (66–99)
2009	75	22 (18–26)	29 (24–35)	0.049 (0.026–0.081)	<1 (<1–<1)	16 757	22	77 (64–94)	
Turkmenistan	1990	4	2.4 (2.3–3.4)	64 (63–93)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	2 325	63	99 (88–100)
	1995	4	2.2 (1.9–2.6)	52 (46–63)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	1 939	46	88 (74–100)
	2000	5	4.2 (4–5)	92 (90–111)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	4 038	90	97 (81–100)
	2005	5	3.4 (3.2–4.1)	70 (66–84)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	3 191	66	94 (79–100)
	2006	5	3.4 (3.2–4.1)	69 (66–83)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	3 223	66	95 (79–100)
2007	5	3.4 (2.7–4.1)	68 (55–82)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	3 428	69	101 (84–126)	
2008	5	3.4 (2.7–4.1)	68 (54–81)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	3 757	74	110 (92–137)	
2009	5	3.4 (2.8–4.2)	67 (54–82)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	4 550	89	133 (109–164)	
Ukraine	1990	52	21 (16–31)	41 (32–60)	0.21 (0.07–0.45)	<1 (<1–<1)	16 465	32	77 (53–100)
	1995	51	26 (21–31)	51 (42–62)	0.59 (0.35–0.92)	1.2 (<1–1.8)	21 459	42	82 (68–100)
	2000	49	41 (33–49)	84 (67–101)	2 (1.4–2.7)	4.1 (2.8–5.6)	32 945	67	80 (67–100)
	2005	47	48 (40–57)	102 (84–122)	2.9 (2.1–3.9)	6.2 (4.4–8.4)	39 608	84	83 (69–100)
	2006	47	47 (41–57)	102 (89–122)	2.9 (2.1–3.9)	6.3 (4.5–8.4)	41 265	89	87 (73–100)
	2007	46	47 (38–56)	102 (81–122)	2.9 (2.4–3.6)	6.3 (5.1–7.7)	37 517	81	80 (67–100)
	2008	46	47 (38–56)	102 (82–122)	2.9 (2.1–4)	6.4 (4.5–8.6)	37 832	82	81 (68–100)
	2009	46	46 (38–56)	102 (83–122)	2.9 (2–3.9)	6.3 (4.5–8.6)	36 075	79	78 (65–95)
United Kingdom of Great Britain and Northern Ireland	1990	57	7.4 (5.9–8.9)	13 (10–15)	0.08 (0.045–0.13)	<1 (<1–<1)	5 908	10	80 (67–100)
	1995	58	7.1 (6.2–8)	12 (11–14)	0.087 (0.052–0.13)	<1 (<1–<1)	6 176	11	87 (77–100)
	2000	59	7.2 (6.2–8.1)	12 (11–14)	0.13 (0.079–0.18)	<1 (<1–<1)	6 220	11	87 (77–100)
	2005	60	9.4 (8.2–11)	16 (14–18)	0.25 (0.16–0.36)	<1 (<1–<1)	8 173	14	87 (77–100)
	2006	61	9.4 (8.2–11)	15 (13–18)	0.27 (0.17–0.39)	<1 (<1–<1)	8 157	13	87 (77–100)
	2007	61	9 (7.9–10)	15 (13–17)	0.27 (0.17–0.39)	<1 (<1–<1)	7 851	13	87 (77–100)
	2008	61	7.6 (6.6–8.6)	12 (11–14)	0.24 (0.15–0.34)	<1 (<1–<1)	6 586	11	87 (77–100)
	2009	62	7.4 (6.6–8.6)	12 (11–14)	0.24 (0.15–0.35)	<1 (<1–<1)	6 622	11	89 (77–100)
Uzbekistan	1990	21	26 (14–38)	128 (70–185)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	9 414	46	36 (25–65)
	1995	23	29 (23–35)	128 (102–153)	<0.01 (<0.01–0.012)	<1 (<1–<1)	9 866	43	34 (28–42)
	2000	25	32 (25–38)	128 (102–153)	0.02 (<0.01–0.13)	<1 (<1–<1)	15 750	64	50 (41–62)
	2005	26	34 (27–40)	128 (102–153)	0.23 (0.18–0.29)	<1 (<1–1.1)	21 513	82	

TABLE A2.3 Case notifications, 1990–2009

	NEW AND RELAPSE NOTIFICATION RATE ^a 1990–2009	YEAR	NEW AND RELAPSE ^a	NEW CASES				RELAPSE	RE-TREAT EXCL. RELAPSE	TOTAL RETREAT	HISTORY UNKNOWN	% SMEAR-POS AMONG NEW PULM	
				SMEAR-POSITIVE	SMEAR-NEGATIVE/ UNKNOWN	EXTRA-PULMONARY	OTHER						
Albania		1990	653									–	
		1995	641	139	223	226	53		53			38	
		2000	604	171	188	234	11	8	19			48	
		2005	506	196	134	167	9	34	43			59	
		2006	469	186	106	175	2	33	35			64	
		2007	438	165	105	152	16	9	25	0		61	
Andorra		2008	427	170	87	145	25	7	32	0		66	
		2009	435	171	109	136	19	2	21	10		61	
		1990	23										–
		1995	12	1	9	2	0	0	0			10	
		2000	10	5	1	4	0	0	0			83	
		2005	12	8	2	2	0	1	1			80	
Armenia		2006	5	2	1	2	0	1	1	0		67	
		2007	4	3	1	0	0	0	0	0	0	75	
		2008	4	3	1	0	0	0	0	0	0	75	
		2009	8	2	4	1	1	1	2	0	0	33	
		1990	590										–
		1995	1 157	436	451	75	38		38			49	
Austria		2000	1 333	621	505	153	54	22	76			55	
		2005	2 206	581	1 049	365	211	116	327			36	
		2006	1 767	580	694	324	169	388	557			46	
		2007	1 682	497	699	337	149	447	596	0		42	
		2008	1 655	487	724	296	148	470	618	0	0	40	
		2009	1 560	440	725	299	96	76	172	370		38	
Azerbaijan		1990	1 521									–	
		1995	1 481	467	765	249	0	30	30			38	
		2000	1 185	324	652	209	0	30	30			33	
		2005	928	234	519	175	0	26	26			31	
		2006	855	213	507	135	0	18	18			30	
		2007	811	189	486	136	0	63	63	0		28	
Belarus		2008	811	189	486	136	0	63	63	0		28	
		2009	8	2	4	1	1	1	2	0	0	33	
		1990	2 620										–
		1995	1 630	669	620	93	47		47			52	
		2000	5 187	890	3 978	245	74	0	74			18	
		2005	6 034	1 561	2 508	651	1 314	1 886	3 200			38	
Belgium		2006	5 705	1 454	2 278	697	1 276	1 793	3 069	0		39	
		2007	5 521	1 356	2 338	750	1 077	1 826	2 903	0		37	
		2008	6 417	1 409	2 728	993	1 287	2 446	3 733	1 215		34	
		2009	6 114	1 437	3 141	1 270	266	1 175	1 441	2 338		31	
		1990	3 039										–
		1995	4 854	1 845	2 148	518	343		343			46	
Bosnia and Herzegovina		2000	6 799	2 547	2 985	442	825	0	825			46	
		2005	5 308	1 235	3 710	363		1 049	1 049			25	
		2006	5 142	1 072	3 709	361		923	923			22	
		2007	5 351	1 051	3 486	335	479	405	884	0		23	
		2008	5 126	1 060	3 074	500	492	357	849			26	
		2009	5 250	1 201	3 002	430	617	261	878			29	
Bulgaria		1990	1 577									–	
		1995	1 380	400	534	366	80		80			43	
		2000	1 278	409	454	326	89	0	89			47	
		2005	1 076	380	406	290		68	68			48	
		2006	1 043	343	370	330		84	84			48	
		2007	955	322	367	266	0	73	73	0		47	
Croatia		2008	811	311	287	213	0	67	67	128		52	
		2009	815									–	
		1990	4 073										–
		1995	2 132	865	997	140	130		130			46	
		2000	2 476	759	1 287	261	169	24	193			37	
		2005	2 111	640	1 106	258	107	49	156	0		37	
Cyprus		2006	1 778	562	910	215	91	22	113			38	
		2007	2 373	737	1 252	228	156	27	183	0		37	
		2008	1 713	509	919	235	50	17	67	6		36	
		2009	1 710									–	
		1990	2 256										–
		1995	3 245	1 087	1 709	449						39	
Czech Republic		2000	3 349	2 524	0	442	383	0	383			100	
		2005	3 225	1 214	1 511	376	124	77	201			45	
		2006	3 136	1 307	1 377	327	125	96	221			49	
		2007	2 848	1 080	1 010	653	105	204	309	0		52	
		2008	2 944	1 020	1 121	687	106	207	313	0		48	
		2009	2 925									–	
Denmark		1990	2 576									–	
		1995	2 114	1 204	703	165	42		42			63	
		2000	1 630	0								–	
		2005	1 050	372	575	103	0	94	94			39	
		2006	1 029	396	520	113		106	106			43	
		2007	951	382	394	108	67	31	98	0		49	
Estonia		2008	980	328	515	101	36		36			39	
		2009	979									–	
		1990	29										–
		1995	36	6	11	13	0		0			35	
		2000	33	4	10	17	0		0			29	
		2005	34	9	13	12	0	3	3			41	
Finland		2006	36	8	22	6		1	1			27	
		2007	41	8	27	6	0	1	1	0		23	
		2008	42	6	28	7	1	2	3	6		18	
		2009	42									–	
		1990	1 937										–
		1995	1 834	487	1 026	300	21		21			32	
France		2000	1 414	420	679	290	25	0	25			38	
		2005	973	308	461	204	0	34	34			40	
		2006	941	257	480	204		32	32			35	
		2007	790	267	407	116	0	81	81	0		40	
		2008	807	249	432	126	0	61	61	0		37	
		2009	811									–	
Germany		1990	350									–	
		1995	448	128	186	128	6		6			41	
		2000	587	171	244	144	28	0	28			41	
		2005	395	129	145	121	0	29	29			47	
		2006	341	123	123	95		35	35	1		50	
		2007	355	135	137	83	0	36	36	0		50	
Greece		2008	330	106	140	83	0	37	37	0		43	
		2009	331									–	

^a Rates are per 100 000 population. Where notification data from a country had not been received by 31 August, the notification rate was assumed to be the same as for 2008 (in italics).

TABLE A2.3 Case notifications, 1990–2009

	NEW AND RELAPSE NOTIFICATION RATE ^a 1990–2009	YEAR	NEW AND RELAPSE ^a	NEW CASES				RELAPSE	RE-TREAT EXCL. RELAPSE	TOTAL RETREAT	HISTORY UNKNOWN	% SMEAR-POS AMONG NEW PULM	
				SMEAR-POSITIVE	SMEAR-NEGATIVE/ UNKNOWN	EXTRA-PULMONARY	OTHER						
Estonia		1990	423									–	
		1995	624	369	124	60			71			75	
		2000	791	255	320	67			116	0	116	44	
		2005	479	162	217	46			54	40	94	43	
		2006	422	147	195	31			49	33	82	43	
		2007	456	168	209	32			47	31	78	0	45
		2008	401	144	180	30	0		47	43	90	0	44
Finland		1990	772									–	
		1995	661	244	193	224						56	
		2000	527	205	136	157			29	0	29	60	
		2005	339	130	114	95			0	22	22	0	53
		2006	280	84	110	86			1	19	19	0	43
		2007	300	85	112	102			1	13	14	0	43
		2008	331	104	104	123	0		0	19	19	0	50
France		1990	9 030									–	
		1995	8 723	3 449	2 969	2 305						54	
		2000	6 122	1 815	1 364	1 665			0		0	57	
		2005	4 887	1 941	1 557	1 389			0	371	371	116	55
		2006	4 817	1 911	1 626	1 280			0	349	349	170	54
		2007	5 314	1 921	1 856	1 289			248	137	385	137	51
		2008	3 355	1 222	1 115	967	51		0	379	379	2 078	52
Georgia		1990	1 537									–	
		1995	1 625	221	1 087	121			196		196	17	
		2000	4 397	601	2 213	1 324			259	422	681	2	21
		2005	4 501	1 509	1 524	1 261			207	1 945	2 152	2	50
		2006	4 554	1 831	1 231	1 261			231	1 756	1 987	1	60
		2007	4 310	1 867	964	1 234			245	1 600	1 845	2	66
		2008	4 412	1 868	1 063	1 217	0		264	1 413	1 677	11	64
Germany		1990	14 653									–	
		1995	12 198	3 852	6 473	1 873						37	
		2000	9 064	0								–	
		2005	5 539	1 379	2 801	1 211			148	345	493	161	33
		2006	5 021	1 303	2 537	1 027			154	259	413	122	34
		2007	4 609	1 183	2 326	977			123	410	533	48	34
		2008	3 664	954	1 797	801	9		103	338	441	472	35
Greece		1990	877									–	
		1995	939									–	
		2000	703	235	339	81			48		48	41	
		2005	626	197	322	107			0	74	74	67	38
		2006	580	210	286	84			0	63	63	38	42
		2007	593	257	229	81			26	44	70	22	53
		2008	535	80	374	80	0		1	83	84	51	18
Hungary		1990	3 588									–	
		1995	4 339	796	3 292	251						19	
		2000	3 073	412	2 361	221			79	292	371	0	15
		2005	1 808	423	1 137	117			131	216	347	0	27
		2006	1 687	422	1 067	86			112	207	319	0	28
		2007	1 540	381	957	86			116	212	328	0	28
		2008	1 428	346	896	79	0		107	178	285	0	28
Iceland		1990	18									–	
		1995	12	2	3	7			0		0	40	
		2000	13	1	7	4			1	0	1	13	
		2005	10	2	3	5			0	1	1	40	
		2006	13	4	3	6			0		0	57	
		2007	12	2	5	5			0	2	2	0	29
		2008	6	2	1	3	0		0	0	0	0	67
Ireland		1990	624									–	
		1995	458									–	
		2000	386	138	150	96			2	20	22	48	
		2005	387	130	156	99			2	38	40	36	45
		2006	416	133	180	99			4	17	21	25	42
		2007	425	135	171	111			8	43	51	10	44
		2008	337	123	124	81	8		1	40	41	93	50
Israel		1990	234									–	
		1995	398									–	
		2000	557	17	46	25			12	82	94	27	
		2005	402	98	203	98			3	4	7	3	33
		2006	384	72	237	74			1	2	3	0	23
		2007	392	143	163	80			6	5	11	0	47
		2008	367	173	99	92	0		3	2	5	0	64
Italy		1990	4 246									–	
		1995	5 627	1 413	2 700	1 514						34	
		2000	3 501	687	891	522			269	356	625	16	44
		2005	3 828	1 275	1 506	1 047			0	293	293	46	
		2006	4 145	1 377	1 473	1 295			0	242	242	48	
		2007	2 695	979	1 100	616			0	1 772	1 772	60	47
		2008	3 414	938	1 576	900	0		0	292	292	712	37
Kazakhstan		1990	10 969									–	
		1995	11 310	3 022	5 966	1 002			1 320		1 320	34	
		2000	25 843	8 903	11 324	2 555			3 061	2 032	5 093	44	
		2005	25 512	6 911	14 472	920			3 209	11 800	15 009	3 117	32
		2006	23 796	6 205	11 029	3 640			2 922	11 937	14 859	2 823	36
		2007	24 752	6 195	12 056	3 306			3 195	10 948	14 143	1 958	34
		2008	23 140	6 193	10 737	2 754	0		3 456	5 773	9 229	0	37
Kyrgyzstan		1990	2 306									–	
		1995	3 393	832	1 685	749			127		127	33	
		2000	6 205	1 296	2 929	1 683			297	258	555	0	31
		2005	6 329	1 972	2 141	1 805			411	436	847	0	48
		2006	6 174	1 833	2 132	1 761			448	482	930	0	46
		2007	6 098	1 720	2 220	1 727			431	609	1 040	0	44
		2008	6 628	1 712	2 036	1 585	897		398	358	756	141	46
2009	5 765	1 609	2 267	1 558			331	427	758	166	42		

^a Rates are per 100 000 population. Where notification data from a country had not been received by 31 August, the notification rate was assumed to be the same as for 2008 (in italics).

TABLE A2.3 Case notifications, 1990–2009

	NEW AND RELAPSE NOTIFICATION RATE ^a 1990–2009	YEAR	NEW AND RELAPSE ^a	NEW CASES				RELAPSE	RE-TREAT EXCL. RELAPSE	TOTAL RETREAT	HISTORY UNKNOWN	% SMEAR-POS AMONG NEW PULM
				SMEAR-POSITIVE	SMEAR-NEGATIVE/ UNKNOWN	EXTRA-PULMONARY	OTHER					
Latvia		1990	906									–
		1995	1 541	504	693	226		118		118		42
		2000	1 982	637	793	285		267	108	375		45
		2005	1 409	536	554	148		171	34	205		49
		2006	1 290	498	522	124		146	38	184		49
		2007	1 227	478	464	137		148	28	176	0	51
Lithuania		1990	1 471									–
		1995	2 362	979	1 049	206		128		128		48
		2000	2 657	776	1 051	503		327	182	509		42
		2005	2 114	964	793	357		0	460	460		55
		2006	2 365	1 029	754	316		266	194	460		58
		2007	2 235	925	779	278		253	173	426	0	54
Luxembourg		1990	48									–
		1995	32									–
		2000	44	21	19	0		4		4		53
		2005	37	14	20	3		0	0	0		41
		2006	33	22	10	1		0	0	0		69
		2007	39	0	35	4		0	0	0	0	0
Malta		1990	13									–
		1995	11	5	4	2		0		0		56
		2000	16	5	9	2		0	0	0		36
		2005	21	5	10	6		0	1	1	1	33
		2006	30	4	20	6		0		0		17
		2007	38	8	18	11		1	0	1	0	31
Monaco		1990	1									–
		1995	1									–
		2000	0	0	0	0		0	0	0		–
		2005										–
		2006										–
		2007										–
Montenegro		1990	13									–
		1995	11	5	4	2		0		0		56
		2000	16	5	9	2		0	0	0		36
		2005	21	5	10	6		0	1	1	1	33
		2006	30	4	20	6		0		0		17
		2007	38	8	18	11		1	0	1	0	31
Netherlands		1990	48	15	19	12	0	2	5	7	0	44
		1995	48									–
		2000	48									–
		2005	156	64	66	13		13	14	27		49
		2006	167	58	74	21		14	4	18		44
		2007	147	41	78	18		10	12	22	0	34
Norway		1990	131	65	38	20	0	8	2	10	0	63
		1995	113	53	43	12	0	5	6	11	1	55
		2000	1 369	575	1 522	513		0	70	70		27
		2005	1 619	289	528	427		14	30	44		33
		2006	1 002	237	491	385		17	19	36		32
		2007	930	187	354	375		14	30	44	0	35
Poland		2008	964	189	371	388	0	16	33	49	0	34
		2009	968									–
		1990	285									–
		1995	236	62	57	89		28		28		52
		2000	221	37	103	79		2	10	12		26
		2005	269	48	119	102		0	14	14	7	29
Portugal		2006	276	46	131	99		0	17	17	1	26
		2007	282	38	128	116		0	24	24	1	23
		2008	252	53	91	108	0	0	27	27	45	37
		2009	254									–
		1990	16 136									–
		1995	15 958	6 955	7 285	647		1 071		1 071		49
Republic of Moldova		2000	10 931	3 180	6 392	477		882	0	882		33
		2005	8 203	2 823	4 591	789		0	1 077	1 077		38
		2006	8 017	2 835	4 102	690		390	576	966		41
		2007	8 019	2 827	4 150	592		450	597	1 047	0	41
		2008	7 421	2 650	3 835	576	0	360	660	1 020	0	41
		2009	7 922	2 658	4 047	563	0	654	314	968		40
Romania		1990	6 214									–
		1995	5 577	2 019	1 531	1 759		268		268		57
		2000	4 227	1 863	1 005	1 178		177	304	481		65
		2005	3 303	1 302	974	905		122	228	350	5	57
		2006	3 218	1 300	959	813		146	199	345	6	58
		2007	2 952	1 173	908	735		136	171	307	4	56
Russian Federation		2008	2 817	1 053	953	631	66	114	178	292	0	52
		2009	2 825									–
		1990	1 728									–
		1995	2 925	665	1 958	154		148		148		25
		2000	2 935	651	1 788	122		374	0	374		27
		2005	5 141	1 696	2 237	568		640	1 137	1 777		43
Ukraine		2006	4 990	1 679	2 112	597		602	1 128	1 730	0	44
		2007	4 857	1 610	2 043	513		691	1 510	2 201	0	44
		2008	4 442	1 533	1 942	476	0	491	1 374	1 865	22	44
		2009	4 337	1 318	2 015	471	0	533	1 121	1 654	122	40
		1990	16 256									–
		1995	23 271	10 469	8 303	3 422		1 077		1 077		56
European Region		2000	27 470	10 202	10 180	3 474		3 614	156	3 770		50
		2005	26 104	10 801	8 038	3 568		3 697	3 241	6 938	2	57
		2006	24 295	9 814	7 254	3 665		3 562	3 024	6 586		57
		2007	22 590	9 425	6 543	3 284		3 338	2 901	6 239	0	59
		2008	21 724	9 511	6 093	3 170	0	2 950	3 062	6 012	0	61
		2009	21 636									–
World		1990	50 641									–
		1995	84 980	37 512	42 241	5 227		5 669	12 478	18 147		47
		2000	140 677	27 467	102 228	5 313		8 704	26 449	35 153		21
		2005	127 930	32 605	74 301	12 320		7 043	27 576	34 619		30
		2006	124 689	32 335	73 252	12 059		8 971	27 586	34 619		31
		2007	127 338	33 103	73 560	11 704		8 971	27 586	34 619	0	31
Global		2008	128 263	33 949	75 775	3 769	7 342	7 428	86 642	94 070	0	31
		2009	126 227	33 351	72 931	10 945	0	9 000	23 569	32 569	6 426	31

^a Rates are per 100 000 population. Where notification data from a country had not been received by 31 August, the notification rate was assumed to be the same as for 2008 (in italics).

TABLE A2.3 Case notifications, 1990–2009

	NEW AND RELAPSE NOTIFICATION RATE ^a 1990–2009	YEAR	NEW AND RELAPSE ^a	NEW CASES				RELAPSE	RE-TREAT EXCL. RELAPSE	TOTAL RETREAT	HISTORY UNKNOWN	% SMEAR-POS AMONG NEW PULM	
				SMEAR-POSITIVE	SMEAR-NEGATIVE/ UNKNOWN	EXTRA-PULMONARY	OTHER						
San Marino		1990	1									–	
		1995	2									–	
		2000	1	1	0	0		0	0	0		100	
		2005										–	
		2006										–	
		2007										–	
Serbia		2005	3 208	1 105	1 584	479		40	260	300	0	41	
		2006	3 146	1 136	1 260	543		207	126	333	47		
		2007	2 891	1 146	1 015	506		224	90	314	0	53	
		2008	2 714	1 172	920	434	0	188	92	280	7	56	
		2009	1 625	801	488	197	0	139	64	203	5	62	
		<i>Serbia (without Kosovo)</i>		2005	2 106	873	988	245		260	260		47
			2006	2 024	843	749	276		126	126		53	
			2007	1 961	905	640	229		90	90	0	59	
			2008	1 722	848	519	211	0	144	92	236	7	62
			2009	1 625	801	488	197	0	139	64	203	5	62
<i>Kosovo</i>		2005	1 102	232	596	234					28		
	2006	1 122	293	511	267						36		
	2007	930	241	375	277		0	0	0	0	39		
	2008	992	324	401	223		44		44		45		
	2009										–		
Serbia & Montenegro		1990	4 194									–	
		1995	2 798	1 497	930	173		198		198		62	
		2000	2 864	0	2 486	175		203	0	203		0	
Slovakia		1990	1 448									–	
		1995	1 540	788	555	177		20		20		59	
		2000	1 010	236	469	203		102	18	120		33	
		2005	710	162	356	134		58	50	108		31	
		2006	673	160	344	122		47	57	104		32	
		2007	622	176	289	120		37	60	97	0	38	
Slovenia		2008	559	126	285	99	0	49	49	98	25	31	
		2009	560									–	
		1990	722									–	
		1995	525	303	83	109		30		30		78	
		2000	368	145	133	59		31	16	47		52	
		2005	269	109	110	30		20	9	29		50	
Spain		2006	207	83	81	38		5	8	13		51	
		2007	212	90	71	37		14	4	18	2	56	
		2008	208	81	83	33	0	11	5	16	0	49	
		2009	209									–	
		1990	7 600									–	
		1995	8 764	2 605	6 159			0	0	0		30	
Sweden		2000	7 993	3 423	4 446	124		0	0	0		43	
		2005	7 281	2 511	3 880	890		0	1 078	1 078		39	
		2006	7 815	2 006	4 234	1 376		199	214	413		32	
		2007	7 347	2 317	3 583	1 447		0	420	420	0	39	
		2008	6 769	2 333	2 855	1 581	0	0	461	461	984	45	
		2009	6 832									–	
Switzerland		1990	557									–	
		1995	564	102	235	216		11		11		30	
		2000	417	118	147	152		0	40	40		45	
		2005	539	134	208	197		0	30	30		39	
		2006	489	106	203	176		4	7	11	1	34	
		2007	460	96	198	165		1	31	32	0	33	
Tajikistan		2008	457	97	161	199	0	0	37	37	58	38	
		2009	459									–	
		1990	1 278									–	
		1995	830	185	515	126		5		5		26	
		2000	544	118	287	139		0	102	102		29	
		2005	508	108	249	151		0	118	118		30	
The Former Yugoslav Republic of Macedonia		2006	461	112	231	118			46	46	13	33	
		2007	425	95	281	49		0	53	53	0	25	
		2008	319	64	156	99	0	0	54	54	143	29	
		2009	333	73	163	97					221	31	
		1990	2 460									–	
		1995	2 029	1 042	617			370		370		63	
Turkey		2000	2 779	434	1 918	427						18	
		2005	5 460	1 745	2 175	1 417		123	2 066	2 189		45	
		2006	5 362	2 051	1 613	1 562		136	1 306	1 442	3	56	
		2007	6 297	2 228	2 117	1 733		219	1 784	2 003	0	51	
		2008	6 396	2 057	2 284	1 774	35	246	1 600	1 846		47	
		2009	6 125	1 972	2 208	1 684		261	272	533	1 085	47	
Turkmenistan		1990	786	319	376	66		25		25		46	
		2000	641	167	308	150		16	0	16		35	
		2005	598	178	236	141		43	60	103		43	
		2006	561	178	218	133		32	66	98		45	
		2007	526	200	177	117		32	37	69	0	53	
		2008	450	188	133	106	0	23	33	56	0	59	
Turkey		2009	450	198	103	116	0	33	15	48	8	66	
		1990	24 468									–	
		1995	22 981	4 383	17 534	1 064						20	
		2000	18 038	4 315	8 544	4 371		808		808		34	
		2005	19 744	7 450	5 944	5 359		991	1 559	2 550		56	
		2006	19 629	7 866	5 069	5 609		1 085	897	1 982		61	
Turkmenistan		2007	18 878	7 527	4 492	5 790		1 069	816	1 885	0	63	
		2008	17 600	6 993	4 325	5 442	0	840	849	1 689	3	62	
		2009	16 757	6 007	4 289	5 647	0	814	631	1 445	14	58	
		1990	2 325									–	
		1995	1 939	544	1 327	1		67		67		29	
		2000	4 038	1 017	2 709	241		71	1 894	1 965		27	
Turkey		2005	3 191	995	1 498	656		42	100	142		40	
		2006	3 223	1 155	1 339	630		99	146	245		46	
		2007	3 428	1 378	1 288	681		81	270	351	0	52	
		2008	3 757	1 331	1 293	611	393	129	152	281		51	
		2009	4 550	1 370	2 169	1 011						39	

^a Rates are per 100 000 population. Where notification data from a country had not been received by 31 August, the notification rate was assumed to be the same as for 2008 (in italics).

TABLE A2.3 Case notifications, 1990–2009

	NEW AND RELAPSE NOTIFICATION RATE ^a 1990–2009	YEAR	NEW AND RELAPSE ^a	NEW CASES				RELAPSE	RE-TREAT EXCL. RELAPSE	TOTAL RETREAT	HISTORY UNKNOWN	% SMEAR-POS AMONG NEW PULM
				SMEAR-POSITIVE	SMEAR-NEGATIVE/ UNKNOWN	EXTRA-PULMONARY	OTHER					
Ukraine		1990	16 465									–
		1995	21 459	8 263	9 793	1 514	1 889		1 889			46
		2000	32 945	10 738	17 258	1 739	3 210	0	3 210			38
		2005	39 608									–
		2006	41 265	14 206	20 226	4 452	2 381		2 381			41
		2007	37 517	11 028	20 255	3 608	2 626	3 126	5 752	0		35
		2008	37 832	14 574	17 505	3 660	2 093		2 093			45
United Kingdom of Great Britain and Northern Ireland		1990	5 908									–
		1995	6 176		4 162	2 014						–
		2000	6 220	1 204	2 037	2 478	0	0	0			37
		2005	8 173	1 821	2 752	3 600	0	460	460			40
		2006	8 157	1 767	2 832	3 558		237	237	104		38
		2007	7 851	1 639	2 707	3 505	0	436	436	130		38
		2008	6 586	1 286	2 221	3 033	46	0	413	413	1 656	37
Uzbekistan		1990	9 414									–
		1995	9 866	2 735	5 798	1 333						32
		2000	15 750	3 825	10 142	1 760	23	324	347			27
		2005	21 513	5 695	7 857	6 324	1 637	7 378	9 015			42
		2006	23 900	7 211	10 301	5 600	788	1 410	2 198			41
		2007	19 779	6 326	7 167	5 280	1 006	3 611	4 617	0		47
		2008	17 040	5 117	6 640	4 214	1 069	4 018	5 087	136		44
2009	17 540	4 959	6 943	4 667	971	1 480	2 451	2 433		42		

^a Rates are per 100 000 population. Where notification data from a country had not been received by 31 August, the notification rate was assumed to be the same as for 2008 (in italics).

TABLE A2.4 Treatment outcomes, new smear-positive cases, 1995–2008

	TREATMENT SUCCESS (%)* 1995–2008	YEAR	NUMBER NOTIFIED	SIZE OF COHORT	COHORT AS % NOTIFIED	% OF COHORT					
						CURED	COMPLETED	DIED	FAILED	DEFAULTED	NOT EVALUATED
Albania		1995	139	–	–	–	–	–	–	–	–
		2000	171	–	–	–	–	–	–	–	–
		2005	196	196	100	43	35	4	2	5	11
		2006	186	186	100	49	41	1	1	4	4
		2007	165	181	110	50	35	4	2	4	5
–	91	2008	170	170	100	52	39	4	1	2	4
Andorra		1995	–	–	–	–	–	–	–	–	–
		2000	1	2	200	–	–	–	–	50	0
		2005	5	5	100	80	0	0	0	0	20
		2006	8	8	100	13	63	–	–	–	25
		2007	2	2	100	100	0	0	0	0	0
–	100	2008	3	3	100	33	67	0	0	0	0
Armenia		1995	436	507	116	52	2	8	36	1	0
		2000	621	447	72	81	6	4	3	7	0
		2005	581	581	100	59	13	3	5	14	4
		2006	580	580	100	53	16	5	10	14	2
		2007	497	490	99	55	15	6	11	12	1
55	73	2008	487	487	100	62	11	5	6	10	7
Austria		1995	467	383	82	2	81	10	0	7	1
		2000	324	298	92	0	73	9	0	6	11
		2005	234	230	98	17	58	7	0	7	11
		2006	213	206	97	16	55	8	0	9	12
		2007	189	–	–	–	–	–	–	–	–
82	–	2008	–	–	–	–	–	–	–	–	–
Azerbaijan		1995	669	538	80	58	7	–	12	19	4
		2000	890	890	100	89	0	1	2	3	4
		2005	1 561	1 561	100	48	11	4	4	12	22
		2006	1 454	1 454	100	50	10	2	3	12	23
		2007	1 356	1 356	100	49	8	3	2	11	27
65	57	2008	1 409	1 451	103	47	10	3	3	11	26
Belarus		1995	1 845	–	–	–	–	–	–	–	–
		2000	2 547	–	–	–	–	–	–	–	–
		2005	1 235	–	–	–	–	–	–	–	–
		2006	1 072	1 072	100	62	8	13	8	2	8
		2007	1 051	1 987	189	67	7	9	10	2	6
–	71	2008	1 060	1 902	179	68	3	9	7	3	10
Belgium		1995	400	–	–	–	–	–	–	–	–
		2000	409	358	88	25	41	10	1	17	6
		2005	380	304	80	21	45	10	0	0	24
		2006	343	280	82	24	49	8	0	1	17
		2007	322	503	156	16	52	8	–	9	15
–	–	2008	311	–	–	–	–	–	–	–	–
Bosnia and Herzegovina		1995	865	865	100	97	1	0	1	1	1
		2000	759	756	100	77	18	1	1	2	1
		2005	640	1 035	162	93	3	1	0	0	2
		2006	562	993	177	94	3	1	1	1	1
		2007	737	1 267	172	93	4	1	1	1	1
97	–	2008	509	–	–	–	–	–	–	–	–
Bulgaria		1995	1 087	–	–	–	–	–	–	–	–
		2000	2 524	–	–	–	–	–	–	–	–
		2005	1 214	1 342	111	82	3	4	2	7	1
		2006	1 307	1 308	100	72	7	5	3	6	6
		2007	1 080	1 233	114	77	2	7	0	8	6
–	–	2008	1 020	–	–	–	–	–	–	–	–
Croatia		1995	1 204	–	–	–	–	–	–	–	–
		2000	0	–	–	–	–	–	–	–	–
		2005	372	391	105	40	7	7	0	1	45
		2006	396	898	227	25	4	7	0	2	61
		2007	382	637	167	49	12	13	0	1	24
–	–	2008	328	–	–	–	–	–	–	–	–
Cyprus		1995	6	6	100	100	0	0	0	0	0
		2000	4	–	–	–	–	–	–	–	–
		2005	9	8	89	38	25	13	0	0	25
		2006	8	8	100	63	25	0	0	0	13
		2007	8	–	–	–	–	–	–	–	–
100	–	2008	6	–	–	–	–	–	–	–	–
Czech Republic		1995	487	487	100	57	3	0	3	2	35
		2000	420	396	94	59	11	17	1	1	11
		2005	308	315	102	62	10	6	0	2	20
		2006	257	257	100	60	9	6	0	2	23
		2007	267	459	172	69	3	19	1	7	1
60	–	2008	249	–	–	–	–	–	–	–	–
Denmark		1995	128	–	–	–	–	–	–	–	–
		2000	171	110	64	37	49	5	0	0	9
		2005	129	128	99	44	39	6	1	2	8
		2006	123	31	25	35	42	3	0	0	19
		2007	135	213	158	26	53	5	1	1	13
–	–	2008	106	–	–	–	–	–	–	–	–
Estonia		1995	369	–	–	–	–	–	–	–	–
		2000	255	257	101	67	2	11	1	6	12
		2005	162	162	100	70	2	8	1	10	10
		2006	147	149	101	64	3	15	1	5	11
		2007	168	302	180	60	2	14	1	10	15
–	–	2008	144	–	–	–	–	–	–	–	–
Finland		1995	244	–	–	–	–	–	–	–	–
		2000	205	–	–	–	–	–	–	–	–
		2005	130	–	–	–	–	–	–	–	–
		2006	84	–	–	–	–	–	–	–	–
		2007	85	181	213	43	27	19	1	1	9
–	–	2008	104	–	–	–	–	–	–	–	–
France		1995	3 449	–	–	–	–	–	–	–	–
		2000	1 815	–	–	–	–	–	–	–	–
		2005	1 941	–	–	–	–	–	–	–	–
		2006	1 911	–	–	–	–	–	–	–	–
		2007	1 921	–	–	–	–	–	–	–	–
–	–	2008	1 222	–	–	–	–	–	–	–	–
Georgia		1995	221	221	100	41	18	8	3	29	2
		2000	601	807	134	38	25	3	9	25	0
		2005	1 509	1 489	99	60	13	3	5	13	7
		2006	1 831	1 813	99	64	11	3	6	10	6
		2007	1 867	1 975	106	60	17	2	6	9	6
58	73	2008	1 868	2 196	118	53	20	3	4	8	12

* TREATMENT SUCCESS = percent cured + percent completed then rounded to the nearest digit.

TABLE A2.4 Treatment outcomes, new smear-positive cases, 1995–2008

	TREATMENT SUCCESS (%) ^a 1995–2008	YEAR	NUMBER NOTIFIED	SIZE OF COHORT	COHORT AS % NOTIFIED	% OF COHORT					
						CURED	COMPLETED	DIED	FAILED	DEFAULTED	NOT EVALUATED
Germany		1995	3 852	–	–	–	–	–	–	–	–
		2000	0	454	–	61	16	16	1	2	4
		2005	1 379	1 199	87	39	32	9	0	2	18
		2006	1 303	1 167	90	20	20	10	0	4	46
		2007	1 183	2 416	204	37	40	11	0	1	10
2008	954	–	–	–	–	–	–	–	–	–	
Greece		1995	–	–	–	–	–	–	–	–	–
		2000	235	–	–	–	–	–	–	–	–
		2005	197	–	–	–	–	–	–	–	–
		2006	210	–	–	–	–	–	–	–	–
		2007	257	0	0	–	–	–	–	–	–
2008	80	–	–	–	–	–	–	–	–	–	
Hungary		1995	796	–	–	–	–	–	–	–	–
		2000	412	651	158	28	36	10	3	12	11
		2005	423	412	97	32	13	13	12	9	20
		2006	422	430	102	31	15	11	15	8	20
		2007	381	612	161	31	20	12	14	6	17
2008	346	–	–	–	–	–	–	–	–	–	
Iceland		1995	2	2	100	0	100	0	0	0	0
		2000	1	2	200	0	100	0	0	0	0
		2005	2	2	100	0	100	0	0	0	0
		2006	4	4	100	0	50	25	0	0	25
		2007	2	7	350	14	71	0	0	0	14
2008	2	–	–	–	–	–	–	–	–	–	
Ireland		1995	–	–	–	–	–	–	–	–	–
		2000	138	73	53	33	51	12	0	4	0
		2005	130	107	82	3	62	9	3	1	22
		2006	133	186	140	2	64	6	–	2	27
		2007	135	185	137	0	70	5	0	2	23
2008	123	–	–	–	–	–	–	–	–	–	
Israel		1995	–	–	–	–	–	–	–	–	–
		2000	17	320	1 882	67	10	11	1	3	8
		2005	98	–	–	–	–	–	–	–	–
		2006	72	209	290	66	9	14	0	5	6
		2007	143	213	149	70	6	11	0	5	7
2008	173	160	92	78	4	9	1	1	8		
Italy		1995	1 413	295	21	73	6	3	2	11	4
		2000	687	223	32	37	36	1	0	9	16
		2005	1 275	–	–	–	–	–	–	–	–
		2006	1 377	0	0	–	–	–	–	–	–
		2007	979	0	0	–	–	–	–	–	–
2008	938	–	–	–	–	–	–	–	–	–	
Kazakhstan		1995	3 022	–	–	–	–	–	–	–	–
		2000	8 903	8 781	99	76	3	5	10	3	3
		2005	6 911	6 884	100	70	1	5	12	5	8
		2006	6 205	6 113	99	71	1	4	16	5	3
		2007	6 195	6 140	99	69	0	4	20	5	3
2008	6 193	6 167	100	64	0	4	26	4	2		
Kyrgyzstan		1995	832	–	–	–	–	–	–	–	–
		2000	1 296	1 233	95	73	9	3	4	5	6
		2005	1 972	1 897	96	81	4	3	5	5	2
		2006	1 833	1 833	100	80	3	5	5	5	2
		2007	1 720	1 718	100	81	4	3	4	6	2
2008	1 712	1 640	96	80	5	3	6	5	2		
Latvia		1995	504	475	94	61	0	9	3	21	7
		2000	637	637	100	68	4	12	3	7	7
		2005	536	536	100	72	1	11	1	7	8
		2006	498	498	100	72	1	11	1	6	9
		2007	478	772	162	80	2	7	0	4	7
2008	400	–	–	–	–	–	–	–	–	–	
Lithuania		1995	979	–	–	–	–	–	–	–	–
		2000	776	776	100	73	–	10	4	12	2
		2005	964	958	99	70	0	11	3	11	6
		2006	1 029	1 028	100	74	0	12	2	10	3
		2007	925	1 209	131	70	0	12	1	7	10
2008	884	–	–	–	–	–	–	–	–	–	
Luxembourg		1995	–	37	–	100	0	0	0	0	0
		2000	21	–	–	–	–	–	–	–	–
		2005	14	0	0	–	–	–	–	–	–
		2006	22	–	–	–	–	–	–	–	–
		2007	0	–	–	–	–	–	–	–	–
2008	0	–	–	–	–	–	–	–	–	–	
Malta		1995	5	5	100	80	20	0	0	0	0
		2000	5	4	80	0	100	0	0	0	0
		2005	5	5	100	0	100	0	0	0	0
		2006	4	4	100	0	100	0	0	0	0
		2007	8	12	150	0	75	0	0	8	17
2008	15	–	–	–	–	–	–	–	–	–	
Monaco		1995	–	–	–	–	–	–	–	–	–
		2000	0	–	–	–	–	–	–	–	–
		2005	–	–	–	–	–	–	–	–	–
		2006	–	–	–	–	–	–	–	–	–
		2007	–	–	–	–	–	–	–	–	–
2008	–	–	–	–	–	–	–	–	–	–	
Montenegro		2005	64	63	98	10	21	–	–	–	70
		2006	58	58	100	7	26	5	0	3	59
		2007	41	76	185	17	62	3	0	0	18
		2008	65	65	100	52	32	5	0	2	9
Netherlands		1995	575	715	124	17	55	8	–	5	15
		2000	289	301	104	23	53	6	0	3	15
		2005	237	208	88	9	75	7	0	1	8
		2006	203	–	–	–	–	–	–	–	–
		2007	187	411	220	17	62	5	0	2	14
2008	189	–	–	–	–	–	–	–	–	–	
Norway		1995	62	87	140	43	34	14	1	8	0
		2000	37	37	100	49	22	14	3	3	11
		2005	48	47	98	62	30	2	0	4	2
		2006	46	41	89	68	24	0	0	0	7
		2007	38	122	321	54	25	2	0	0	19
2008	53	–	–	–	–	–	–	–	–	–	

^a TREATMENT SUCCESS = percent cured + percent completed then rounded to the nearest digit.

TABLE A2.4 Treatment outcomes, new smear-positive cases, 1995–2008

	TREATMENT SUCCESS (%) ^a 1995–2008	YEAR	NUMBER NOTIFIED	SIZE OF COHORT	COHORT AS % NOTIFIED	% OF COHORT					
						CURED	COMPLETED	DIED	FAILED	DEFAULTED	NOT EVALUATED
Poland		1995	6 955	–	–	–	–	–	–	–	–
		2000	3 180	214	7	50	22	11	6	6	5
		2005	2 823	2 823	100	65	12	5	1	9	8
		2006	2 835	2 819	99	63	12	7	1	9	8
		2007	2 827	4 510	160	62	14	6	0	10	7
Portugal		2008	2 650	4 228	160	53	20	7	0	10	10
		1995	2 019	1 240	61	45	23	4	4	4	19
		2000	1 863	1 924	103	9	71	6	0	5	9
		2005	1 302	1 393	107	13	76	6	0	4	2
		2006	1 300	1 372	106	14	73	4	0	4	5
Republic of Moldova		2007	1 173	1 694	144	12	75	5	0	3	5
		2008	1 053	–	–	–	–	–	–	–	–
		1995	665	–	–	–	–	–	–	–	–
		2000	651	651	100	1	62	0	0	0	37
		2005	1 696	1 690	100	60	2	9	11	11	7
Romania		2006	1 679	1 671	100	59	4	11	11	12	5
		2007	1 610	1 599	99	54	8	10	16	11	0
		2008	1 533	1 533	100	51	5	10	7	12	14
		1995	10 469	11 597	111	38	13	6	7	6	31
		2000	10 202	10 158	100	28	42	4	8	8	9
Russian Federation		2005	10 801	10 929	101	71	11	5	4	6	4
		2006	9 814	10 075	103	69	13	6	3	4	4
		2007	9 425	11 245	119	72	13	4	4	5	3
		2008	9 511	–	–	–	–	–	–	–	–
		1995	37 512	54	0	54	11	15	6	11	4
San Marino		2000	27 467	3 616	13	64	4	6	13	9	4
		2005	32 605	25 692	79	55	3	13	14	11	4
		2006	32 335	30 745	95	56	3	12	15	10	5
		2007	33 103	31 857	96	55	3	12	16	10	5
		2008	33 949	32 356	95	54	3	12	18	9	4
Serbia		1995	–	–	–	–	–	–	–	–	–
		2000	1	1	100	0	0	100	0	0	0
		2005	–	–	–	–	–	–	–	–	–
		2006	–	–	–	–	–	–	–	–	–
		2007	–	–	–	–	–	–	–	–	–
Serbia & Montenegro		2008	1 172	1 111	95	81	4	7	2	5	1
		1995	1 497	1 956	131	34	18	2	3	10	33
		2000	0	267	–	82	7	4	0	6	1
		2005	788	807	102	64	–	16	–	–	–
		2006	788	807	102	64	–	16	–	–	–
Slovakia		2000	236	238	101	81	0	14	1	2	1
		2005	162	158	98	66	26	6	0	1	1
		2006	160	149	93	78	3	9	6	1	3
		2007	176	304	173	86	0	12	0	2	1
		2008	126	–	–	–	–	–	–	–	–
Slovenia		1995	303	270	89	64	26	4	2	1	3
		2000	145	145	100	33	51	8	0	5	3
		2005	109	109	100	47	38	12	0	1	3
		2006	83	83	100	35	57	4	0	5	0
		2007	90	148	164	27	55	11	0	3	5
Spain		2008	81	–	–	–	–	–	–	–	–
		1995	2 605	–	–	–	–	–	–	–	–
		2000	3 423	–	–	–	–	–	–	–	–
		2005	2 511	–	–	–	–	–	–	–	–
		2006	2 006	–	–	–	–	–	–	–	–
Sweden		2007	2 317	0	0	–	–	–	–	–	–
		2008	2 333	–	–	–	–	–	–	–	–
		1995	102	–	–	–	–	–	–	–	–
		2000	118	112	95	0	79	11	0	2	8
		2005	134	133	99	0	74	6	1	1	18
Switzerland		2006	106	265	250	0	63	7	1	0	28
		2007	96	237	247	0	66	7	0	1	26
		2008	97	–	–	–	–	–	–	–	–
		1995	185	–	–	–	–	–	–	–	–
		2000	118	–	–	–	–	–	–	–	–
Tajikistan		2005	108	–	–	–	–	–	–	–	
		2006	112	–	–	–	–	–	–	–	–
		2007	95	–	–	–	–	–	–	–	–
		2008	64	–	–	–	–	–	–	–	–
		1995	1 042	348	33	69	18	7	3	2	0
The Former Yugoslav Republic of Macedonia		2000	434	665	153	74	3	15	8	0	0
		2005	1 745	1 729	99	74	9	4	6	7	0
		2006	2 051	1 932	94	80	5	5	5	4	1
		2007	2 228	2 073	93	78	5	5	6	5	2
		2008	2 057	2 044	99	76	7	4	7	5	1
Turkey		1995	319	222	70	61	9	13	9	9	0
		2000	167	152	91	51	35	4	2	7	1
		2005	178	179	101	62	22	2	0	14	0
		2006	178	178	100	71	16	5	1	7	0
		2007	200	197	99	74	13	10	2	1	0
Turkmenistan		2008	188	188	100	81	7	7	1	2	1
		1995	4 383	–	–	–	–	–	–	–	–
		2000	4 315	3 461	80	0	73	3	0	6	19
		2005	7 450	7 450	100	45	44	2	0	5	3
		2006	7 866	7 865	100	58	32	3	1	4	2
Ukraine		2007	7 527	7 510	100	60	32	3	1	3	2
		2008	6 993	6 993	100	59	33	3	1	3	2
		1995	544	544	100	55	18	11	7	2	7
		2000	1 017	1 017	100	79	2	9	6	3	1
		2005	995	995	100	70	14	6	4	5	1
		2006	1 155	1 155	100	84	2	6	4	3	1
		2007	1 378	1 288	93	79	5	5	6	5	1
		2008	1 331	1 331	100	83	1	6	6	5	1
		1995	8 263	9 564	116	83	6	7	–	–	–
		2000	10 738	–	–	–	–	–	–	–	–
		2005	–	–	–	–	–	–	–	–	
		2006	14 206	10 351	73	54	5	12	12	9	8
		2007	11 028	11 068	100	54	5	14	12	10	5
		2008	14 574	14 407	99	56	6	12	12	9	5

^a TREATMENT SUCCESS = percent cured + percent completed then rounded to the nearest digit.

TABLE A2.4 Treatment outcomes, new smear-positive cases, 1995–2008

	TREATMENT SUCCESS (%) ^a 1995–2008	YEAR	NUMBER NOTIFIED	SIZE OF COHORT	COHORT AS % NOTIFIED	% OF COHORT					
						CURED	COMPLETED	DIED	FAILED	DEFAULTED	NOT EVALUATED
United Kingdom of Great Britain and Northern Ireland		1995	–	–	–	–	–	–	–	–	–
		2000	1 204	–	–	–	–	–	–	–	–
		2005	1 821	1 348	74	0	68	7	0	1	24
		2006	1 767	1 350	76	0	72	7	0	1	19
		2007	1 639	2 266	138	0	77	7	0	1	16
Uzbekistan		1995	2 735	2 598	95	78	0	9	7	4	3
		2000	3 825	1 030	27	27	53	3	6	5	6
		2005	5 695	5 336	94	72	9	6	6	7	1
		2006	7 211	5 642	78	73	8	6	6	6	1
		2007	6 326	6 326	100	72	7	7	6	6	2
		2008	5 117	5 117	100	75	6	6	6	4	3

^a TREATMENT SUCCESS = percent cured + percent completed then rounded to the nearest digit.

TABLE A2.5 Treatment outcomes, retreatment cases, 1995–2008

	TREATMENT SUCCESS (%) ^a 1995–2008	YEAR	NUMBER NOTIFIED	SIZE OF COHORT	COHORT AS % NOTIFIED	% OF COHORT					
						CURED	COMPLETED	DIED	FAILED	DEFAULTED	NOT EVALUATED
Albania		1995	53	–	–	–	–	–	–	–	–
		2000	19	–	–	–	–	–	–	–	–
		2005	43	30	70	37	37	3	0	10	13
		2006	35	29	83	28	59	7	0	7	0
		2007	25	25	100	24	60	4	8	4	0
		2008	32	28	88	39	36	14	4	4	4
Andorra		1995	–	–	–	–	–	–	–	–	–
		2000	0	–	–	–	–	–	–	–	–
		2005	0	–	–	–	–	–	–	–	–
		2006	1	3	300	33	33	–	–	33	0
		2007	1	1	100	0	100	0	0	0	0
		2008	0	0	–	–	–	–	–	–	–
Armenia		1995	38	6	16	50	0	0	17	33	0
		2000	76	54	71	52	15	7	7	19	0
		2005	327	327	100	13	28	7	12	37	4
		2006	557	502	90	16	27	7	12	33	5
		2007	596	590	99	12	34	11	12	30	2
		2008	618	534	86	15	36	8	15	21	5
Austria		1995	–	–	–	–	–	–	–	–	–
		2000	30	10	33	0	80	0	0	0	20
		2005	26	27	104	11	56	11	0	11	11
		2006	18	44	244	11	61	7	0	11	9
		2007	63	–	–	–	–	–	–	–	–
		2008	–	–	–	–	–	–	–	–	–
Azerbaijan		1995	47	–	–	–	–	–	–	–	–
		2000	74	74	100	59	7	5	11	14	4
		2005	3 200	1 314	41	28	9	6	6	13	38
		2006	3 069	1 272	41	34	12	6	7	16	25
		2007	2 903	1 081	37	32	12	5	6	15	29
		2008	3 733	2 562	69	13	41	3	5	25	14
Belarus		1995	343	–	–	–	–	–	–	–	–
		2000	825	–	–	–	–	–	–	–	–
		2005	1 049	–	–	–	–	–	–	–	–
		2006	923	898	97	29	35	11	11	2	12
		2007	884	862	98	30	32	9	18	5	6
		2008	849	815	96	29	30	9	8	3	20
Belgium		1995	80	–	–	–	–	–	–	–	–
		2000	89	55	62	16	45	13	0	15	11
		2005	68	47	69	17	21	19	0	0	43
		2006	84	62	74	15	27	10	0	2	47
		2007	73	72	99	15	19	8	–	6	51
		2008	67	–	–	–	–	–	–	–	–
Bosnia and Herzegovina		1995	130	–	–	–	–	–	–	–	–
		2000	193	122	63	79	15	3	1	2	0
		2005	156	106	68	85	8	4	1	2	1
		2006	113	93	82	89	5	2	0	1	2
		2007	183	156	85	85	7	3	2	2	1
		2008	67	–	–	–	–	–	–	–	–
Bulgaria		1995	–	–	–	–	–	–	–	–	–
		2000	383	–	–	–	–	–	–	–	–
		2005	201	198	99	57	10	7	11	14	2
		2006	221	221	100	63	9	11	4	13	1
		2007	309	301	97	22	37	16	1	12	12
		2008	313	–	–	–	–	–	–	–	–
Croatia		1995	42	–	–	–	–	–	–	–	–
		2000	–	–	–	–	–	–	–	–	–
		2005	94	92	98	20	13	9	1	1	57
		2006	106	82	77	61	1	18	0	2	17
		2007	98	–	–	–	–	–	–	–	–
		2008	36	–	–	–	–	–	–	–	–
Cyprus		1995	0	–	–	–	–	–	–	–	–
		2000	0	–	–	–	–	–	–	–	–
		2005	3	2	67	0	100	0	0	0	0
		2006	1	1	100	0	100	0	0	0	0
		2007	1	–	–	–	–	–	–	–	–
		2008	3	–	–	–	–	–	–	–	–
Czech Republic		1995	21	–	–	–	–	–	–	–	–
		2000	25	38	152	53	11	8	3	0	26
		2005	34	31	91	16	39	3	0	3	39
		2006	32	27	84	15	48	0	0	0	37
		2007	81	76	94	39	37	12	–	7	5
		2008	61	–	–	–	–	–	–	–	–
Denmark		1995	6	–	–	–	–	–	–	–	–
		2000	28	15	54	27	60	7	0	0	7
		2005	29	22	76	27	64	5	0	5	0
		2006	35	28	80	29	39	7	0	4	21
		2007	36	36	100	11	39	17	–	3	31
		2008	37	–	–	–	–	–	–	–	–
Estonia		1995	71	–	–	–	–	–	–	–	–
		2000	116	59	51	54	2	3	0	3	37
		2005	94	89	95	21	20	3	4	26	25
		2006	82	38	46	50	3	16	3	18	11
		2007	78	79	101	37	15	8	4	18	19
		2008	90	–	–	–	–	–	–	–	–
Finland		1995	–	–	–	–	–	–	–	–	–
		2000	29	–	–	–	–	–	–	–	–
		2005	22	–	–	–	–	–	–	–	–
		2006	19	–	–	–	–	–	–	–	–
		2007	14	15	107	33	13	7	0	0	47
		2008	19	–	–	–	–	–	–	–	–
France		1995	–	–	–	–	–	–	–	–	–
		2000	0	–	–	–	–	–	–	–	–
		2005	371	–	–	–	–	–	–	–	–
		2006	349	–	–	–	–	–	–	–	–
		2007	385	–	–	–	–	–	–	–	–
		2008	379	–	–	–	–	–	–	–	–
Georgia		1995	196	298	152	8	24	12	9	45	2
		2000	681	470	69	23	31	10	8	29	0
		2005	2 152	2 037	95	19	35	7	10	23	6
		2006	1 987	1 873	94	23	33	7	12	17	7
		2007	1 845	1 847	100	23	33	9	11	15	9
		2008	1 677	1 502	90	21	28	6	8	14	23

^a TREATMENT SUCCESS = percent cured + percent completed then rounded to the nearest digit.

TABLE A2.5 Treatment outcomes, retreatment cases, 1995–2008

	TREATMENT SUCCESS (%) ^a 1995–2008	YEAR	NUMBER NOTIFIED	SIZE OF COHORT	COHORT AS % NOTIFIED	% OF COHORT					
						CURED	COMPLETED	DIED	FAILED	DEFAULTED	NOT EVALUATED
Germany		1995			–						
		2000		63	–	51	21	16	3	5	5
		2005	493	432	88	30	36	9	0	7	18
		2006	413	275	67	15	24	10	0	5	45
		2007	533	489	92	27	41	13	1	5	13
		2008	441		–						
Greece		1995			–						
		2000	48		–						
		2005	74		–						
		2006	63		–						
		2007	70	0	0	–	–	–	–	–	–
		2008	84		–						
Hungary		1995			–						
		2000	371	122	33	16	20	15	9	11	30
		2005	347	333	96	12	37	13	8	11	18
		2006	319	107	34	20	21	12	20	6	21
		2007	328	319	97	11	39	15	10	8	17
		2008	285		–						
Iceland		1995	0		–						
		2000	1	1	100	0	100	0	0	0	0
		2005	1		–						
		2006			–						
		2007	2	2	100	0	50	0	0	0	50
		2008	0		–						
Ireland		1995			–						
		2000	22	10	45	40	0	10	10	40	0
		2005	40	14	35	7	57	7	0	0	29
		2006	21	26	124	0	42	4	0	4	50
		2007	51	50	98	0	62	16	0	2	20
		2008	41		–						
Israel		1995			–						
		2000	94		–						
		2005	7		–						
		2006	3	4	133	100	0	0	0	0	0
		2007	11	13	118	62	0	0	0	8	31
		2008	5	0	0	–	–	–	–	–	–
Italy		1995		31	–	42	6	26	10	13	3
		2000	625	26	4	31	15	4	12	8	31
		2005	293		–						
		2006	242	0	0	–	–	–	–	–	–
		2007	1 772	0	0	–	–	–	–	–	–
		2008	292		–						
Kazakhstan		1995	1 320		–						
		2000	5 093	2 901	57	62	4	10	14	5	5
		2005	15 009	4 085	27	46	1	13	14	6	19
		2006	14 859	21 242	143	15	22	15	14	7	27
		2007	14 143	18 722	132	24	29	9	25	9	4
		2008	9 229	8 662	94	24	18	10	32	7	8
Kyrgyzstan		1995	127		–						
		2000	555	278	50	59	15	8	8	6	4
		2005	847	845	100	40	31	8	9	11	1
		2006	930	933	100	41	30	8	9	8	4
		2007	1 040	1 035	100	34	34	8	8	13	4
		2008	756	897	119	36	34	6	10	9	4
Latvia		1995	118		–						
		2000	375	205	55	39	2	19	3	8	29
		2005	205	205	100	50	1	10	1	9	29
		2006	184	133	72	43	2	18	2	10	26
		2007	176	176	100	54	4	9	1	11	22
		2008	152		–						
Lithuania		1995	128		–						
		2000	509	282	55	45	0	21	8	22	5
		2005	460	455	99	27	2	25	4	22	19
		2006	460	350	76	36	0	27	4	18	15
		2007	426	426	100	30	0	28	5	21	17
		2008	357		–						
Luxembourg		1995			–						
		2000	4		–						
		2005	0		–						
		2006			–						
		2007	0		–						
		2008	0		–						
Malta		1995	0		–						
		2000	0	1	–	0	100	0	0	0	0
		2005	1	1	100	0	100	0	0	0	0
		2006			–						
		2007	1	0	0	–	–	–	–	–	–
		2008	7		–						
Monaco		1995			–						
		2000	0		–						
		2005			–						
		2006			–						
		2007			–						
		2008			–						
Montenegro		2005	27	10	37		20	20			60
		2006	18	19	106	5	26	11	0	5	53
		2007	22	23	105	4	52	13	0	0	30
		2008	10	10	100	70	10	10	0	10	0
Netherlands		1995			–						
		2000	70	18	26	28	22	6	0	6	39
		2005	44	28	64	11	68	4	0	7	11
		2006	36		–						
		2007	44	55	125	5	67	4	4	0	20
		2008	49		–						
Norway		1995	28		–						
		2000	12	3	25	33	0	67	0	0	0
		2005	14	9	64	44	33	22	0	0	0
		2006	17	11	65	36	18	18	0	0	27
		2007	24	25	104	28	28	8	0	0	36
		2008	27		–						



^a TREATMENT SUCCESS = percent cured + percent completed then rounded to the nearest digit.

TABLE A2.5 Treatment outcomes, retreatment cases, 1995–2008

	TREATMENT SUCCESS (%)* 1995–2008	YEAR	NUMBER NOTIFIED	SIZE OF COHORT	COHORT AS % NOTIFIED	% OF COHORT						
						CURED	COMPLETED	DIED	FAILED	DEFAULTED	NOT EVALUATED	
Poland		1995	1 071	–	–	–	–	–	–	–	–	
		2000	882	56	6	64	13	14	0	4	5	
		2005	1 077	985	91	22	31	6	0	32	9	
		2006	966	629	65	35	16	7	1	30	10	
		2007	1 047	1 038	99	35	31	7	0	18	8	
Portugal		2008	1 020	1 003	98	32	34	6	0	16	13	
		1995	268	133	50	38	17	6	6	9	24	
		2000	481	209	43	10	66	4	0	7	14	
		2005	350	293	84	8	66	10	1	9	6	
		2006	345	181	52	14	62	9	1	7	7	
Republic of Moldova		2007	307	305	99	8	64	7	0	9	12	
		2008	292	–	–	–	–	–	–	–	–	–
		1995	148	–	–	–	–	–	–	–	–	–
		2000	374	1	0	0	0	0	100	0	0	0
		2005	1 777	1 713	96	22	19	13	16	17	13	13
Romania		2006	1 730	1 715	99	20	23	16	16	16	10	
		2007	2 201	2 167	98	18	18	14	29	20	1	
		2008	1 865	1 383	74	20	2	19	13	20	25	
		1995	1 077	–	–	–	–	–	–	–	–	–
		2000	3 770	2 605	69	24	20	9	20	17	11	
Russian Federation		2005	6 938	6 737	97	39	13	10	10	14	14	
		2006	6 586	4 993	76	42	9	11	11	13	14	
		2007	6 239	5 930	95	36	16	11	12	15	11	
		2008	6 012	–	–	–	–	–	–	–	–	–
		1995	12	–	–	42	17	25	8	8	0	
San Marino		2000	18 147	1 694	9	25	24	10	21	9	11	
		2005	35 153	10 855	31	33	4	16	26	16	5	
		2006	34 619	28 419	82	20	27	11	22	13	8	
		2007	96 557	18 527	19	33	3	14	28	15	7	
		2008	94 070	18 070	19	33	3	13	29	14	7	
Serbia		1995	–	–	–	–	–	–	–	–	–	
		2000	0	–	–	–	–	–	–	–	–	
		2005	–	–	–	–	–	–	–	–	–	
		2006	–	–	–	–	–	–	–	–	–	
		2007	–	–	–	–	–	–	–	–	–	
Serbia & Montenegro		2008	–	–	–	–	–	–	–	–	–	
		2005	300	284	95	46	26	10	2	12	3	
		2006	333	322	97	51	23	9	1	12	4	
		2007	314	355	113	46	27	8	2	15	3	
		2008	280	237	85	52	20	12	0	8	6	
Slovakia		1995	198	–	–	–	–	–	–	–	–	
		2000	203	21	10	67	10	10	0	14	0	
		1995	20	–	–	–	–	–	–	–	–	–
		2000	120	46	38	78	0	11	2	4	4	
		2005	108	101	94	50	38	7	0	3	3	
Slovenia		2006	104	45	43	56	4	29	2	2	7	
		2007	97	96	99	40	47	4	1	3	5	
		2008	98	–	–	–	–	–	–	–	–	–
		1995	30	–	–	–	–	–	–	–	–	–
		2000	47	24	51	29	46	4	0	13	8	
Spain		2005	29	27	93	44	41	4	0	4	7	
		2006	13	4	31	0	75	25	0	0	0	
		2007	18	18	100	44	39	17	0	0	0	
		2008	16	–	–	–	–	–	–	–	–	–
		1995	–	–	–	–	–	–	–	–	–	–
Sweden		2000	0	–	–	–	–	–	–	–	–	
		2005	1 078	–	–	–	–	–	–	–	–	
		2006	413	–	–	–	–	–	–	–	–	
		2007	420	0	0	–	–	–	–	–	–	
		2008	461	–	–	–	–	–	–	–	–	
Switzerland		1995	11	–	–	–	–	–	–	–	–	
		2000	40	9	23	0	78	0	0	11	11	
		2005	30	16	53	0	75	0	0	0	25	
		2006	11	–	–	–	–	–	–	–	–	–
		2007	32	36	113	0	67	6	0	3	25	
Tajikistan		2008	37	–	–	–	–	–	–	–	–	
		1995	5	–	–	–	–	–	–	–	–	
		2000	102	–	–	–	–	–	–	–	–	
		2005	118	–	–	–	–	–	–	–	–	
		2006	46	–	–	–	–	–	–	–	–	
The Former Yugoslav Republic of Macedonia		2007	53	–	–	–	–	–	–	–	–	
		2008	54	–	–	–	–	–	–	–	–	
		1995	370	–	–	–	–	–	–	–	–	–
		2000	–	–	–	–	–	–	–	–	–	–
		2005	2 189	1 762	80	29	47	9	8	6	1	
Turkey		2006	1 442	1 715	119	38	35	9	8	6	4	
		2007	2 003	1 995	100	33	42	9	7	8	1	
		2008	1 846	1 881	102	32	43	9	8	6	2	
		1995	25	–	–	–	–	–	–	–	–	–
		2000	16	–	–	–	–	–	–	–	–	–
Turkmenistan		2005	103	97	94	24	33	7	2	32	2	
		2006	98	72	73	18	42	15	3	17	6	
		2007	69	71	103	27	38	17	4	7	7	
		2008	56	56	100	34	38	11	2	13	4	
		1995	–	–	–	–	–	–	–	–	–	–
Ukraine		2005	808	–	–	–	–	–	–	–	–	
		2006	2 550	1 593	62	24	46	5	2	12	11	
		2007	1 982	1 951	98	29	47	5	1	10	8	
		2008	1 885	1 885	100	34	42	6	2	10	6	
		1995	67	–	–	–	–	–	–	–	–	–
Uzbekistan		2000	1 965	495	25	66	9	7	11	6	1	
		2005	142	142	100	42	26	13	10	9	0	
		2006	245	240	98	48	25	11	6	9	1	
		2007	351	116	33	41	1	17	16	23	3	
		2008	281	737	262	63	18	7	7	5	0	
Uzbekistan		1995	1 889	–	–	–	–	–	–	–	–	
		2000	3 210	–	–	–	–	–	–	–	–	
		2005	–	–	–	–	–	–	–	–	–	–
		2006	2 381	9 380	394	27	16	14	20	15	8	
		2007	5 752	5 240	91	20	35	13	14	11	7	
Uzbekistan		2008	2 093	7 152	342	31	10	16	21	13	8	

* TREATMENT SUCCESS = percent cured + percent completed then rounded to the nearest digit.

TABLE A2.5 Treatment outcomes, retreatment cases, 1995–2008

	TREATMENT SUCCESS (%) ^a 1995–2008	YEAR	NUMBER NOTIFIED	SIZE OF COHORT	COHORT AS % NOTIFIED	% OF COHORT					
						CURED	COMPLETED	DIED	FAILED	DEFAULTED	NOT EVALUATED
United Kingdom of Great Britain and Northern Ireland		1995	0	—	—						
		2000	460	147	32	0	57	4	0	3	36
		2005	237	276	116	0	65	8	0	3	24
		2006	436	433	99	0	71	8	0	2	19
		2008	413	—	—	—	—	—	—	—	—
Uzbekistan		1995	347	764	220	20	55	8	8	9	0
		2000	9 015	3 999	44	28	41	9	7	14	1
		2005	2 198	5 248	239	17	61	7	4	11	1
		2006	4 617	4 617	100	18	57	8	4	9	3
		2007	5 087	5 046	99	24	48	10	7	9	3
		2008	72	—	—	—	—	—	—	—	—

^a TREATMENT SUCCESS = percent cured + percent completed then rounded to the nearest digit.

TABLE A.6 HIV testing and provision of CPT, ART and IPT, 2005–2009

	% OF TB PATIENTS WITH KNOWN HIV STATUS 2005–2009	YEAR	% OF TB PATIENTS WITH KNOWN HIV STATUS	NUMBER OF TB PATIENTS WITH KNOWN HIV STATUS	PATIENTS NOTIFIED (NEW AND RETREAT) ^a	NUMBER OF HIV-POSITIVE TB PATIENTS	% OF TESTED TB PATIENTS HIV-POSITIVE	% OF HIV-POSITIVE TB PATIENTS ON CPT	% OF HIV-POSITIVE TB PATIENTS ON ART	NUMBER OF HIV-POSITIVE PEOPLE PROVIDED IPT
Albania		2005	15	81	540	1	1	–	–	
		2006	10	51	502	3	6	–	100	
		2007	8	37	447	1	3	0	100	1
		2008	41	177	434	4	2	100	100	2
	15	2009	47	211	447	6	3	67	100	3
Andorra		2005	–	–	10	–	–	–	–	
		2006	–	–	13	–	–	–	–	
		2007	–	–	6	–	–	–	–	
		2008	0	0	4	0	–	–	–	0
		2009	0	0	9	0	–	–	–	0
Armenia		2005	12	270	2 322	6	2	83	33	
		2006	15	332	2 155	25	8	60	44	8
		2007	16	335	2 129	8	2	63	50	1
		2008	16	335	2 125	12	4	67	8	1
	12	2009	26	521	2 006	17	3	47	35	0
Austria		2005	–	–	954	–	–	–	–	
		2006	–	–	873	–	–	–	–	
		2007	–	–	874	–	–	–	–	
		2008	–	–	–	–	–	–	–	
		2009	–	–	–	–	–	–	–	
Azerbaijan		2005	–	–	7 920	–	–	–	–	
		2006	–	–	7 498	–	–	–	–	
		2007	–	–	7 347	31	–	–	–	
		2008	59	5 945	10 078	–	–	–	–	
		2009	–	–	9 627	–	–	–	–	
Belarus		2005	–	–	6 357	139	–	–	–	
		2006	–	–	6 065	–	–	–	–	
		2007	100	5 756	5 756	152	3	–	–	
		2008	95	5 227	5 483	156	3	–	–	
		2009	–	–	5 511	190	–	–	–	
Belgium		2005	82	937	1 144	52	6	–	–	
		2006	82	927	1 127	55	6	–	–	
		2007	85	871	1 028	52	6	–	–	
		2008	91	913	1 006	56	6	–	–	
	82	2009	–	–	–	–	–	–	–	
Bosnia and Herzegovina		2005	–	–	2 160	–	–	–	–	
		2006	–	–	1 800	–	–	–	–	
		2007	0	0	2 400	–	–	–	–	
		2008	–	–	1 736	1	–	0	100	0
		2009	–	–	–	–	–	–	–	
Bulgaria		2005	1	23	3 302	–	–	–	–	
		2006	8	247	3 232	6	2	–	–	
		2007	7	199	3 052	6	3	0	0	54
		2008	17	520	3 151	0	0	–	–	
	1	2009	–	1 151	–	1	0	0	0	9
Croatia		2005	–	–	1 144	–	–	–	–	
		2006	–	–	1 135	–	–	–	–	
		2007	–	–	982	3	–	–	–	
		2008	–	–	980	0	–	–	–	
		2009	–	–	–	–	–	–	–	
Cyprus		2005	0	0	37	–	–	–	–	
		2006	0	0	37	0	–	–	–	1
		2007	100	42	42	0	0	–	–	0
		2008	72	36	50	2	6	50	50	0
	0	2009	–	–	–	–	–	–	–	
Czech Republic		2005	19	189	1 007	2	1	–	–	
		2006	17	163	973	4	2	–	–	
		2007	18	161	871	7	4	–	–	
		2008	20	174	868	7	4	–	–	
	19	2009	–	–	–	–	–	–	–	
Denmark		2005	–	–	424	8	–	–	–	
		2006	3	11	377	11	100	–	–	
		2007	40	158	391	13	8	0	0	
		2008	–	–	367	–	–	–	–	
		2009	–	–	–	–	–	–	–	
Estonia		2005	94	490	519	33	7	–	–	
		2006	91	414	455	41	10	–	–	
		2007	92	450	487	52	12	–	–	0
		2008	90	401	444	42	10	–	33	0
	94	2009	–	380	–	39	10	–	54	0
Finland		2005	1	3	361	3	100	–	–	
		2006	2	6	299	6	100	–	–	
		2007	3	8	313	10	125	–	–	
		2008	1	5	350	6	120	–	–	
	1	2009	–	–	–	6	–	–	–	
France		2005	–	–	5 374	–	–	–	–	
		2006	–	–	5 336	–	–	–	–	
		2007	–	–	5 588	–	–	–	–	
		2008	–	–	5 812	–	–	–	–	
		2009	–	–	–	–	–	–	–	
Georgia		2005	10	674	6 448	13	2	54	100	
		2006	10	649	6 311	17	3	59	53	
		2007	14	842	5 912	32	4	66	66	235
		2008	25	1 482	5 836	20	1	90	85	301
	10	2009	–	–	6 058	–	–	–	–	
Germany		2005	–	–	6 045	–	–	–	–	
		2006	–	–	5 402	–	–	–	–	
		2007	–	–	5 067	–	–	–	–	
		2008	–	–	4 474	–	–	–	–	
		2009	–	–	–	–	–	–	–	
Greece		2005	–	–	767	–	–	–	–	
		2006	–	–	681	–	–	–	–	
		2007	–	–	659	–	–	–	–	
		2008	–	–	669	–	–	–	–	
		2009	–	–	–	–	–	–	–	
Hungary		2005	–	–	2 024	–	–	–	–	
		2006	–	–	1 894	–	–	–	–	
		2007	–	–	1 752	–	–	–	–	
		2008	–	–	1 606	–	–	–	–	0
		2009	–	–	–	–	–	–	–	

^a Data presented as of 31 August 2010. Notification data for European Union countries were not available.

TABLE A.6 HIV testing and provision of CPT, ART and IPT, 2005–2009

	% OF TB PATIENTS WITH KNOWN HIV STATUS 2005–2009	YEAR	% OF TB PATIENTS WITH KNOWN HIV STATUS	NUMBER OF TB PATIENTS WITH KNOWN HIV STATUS	PATIENTS NOTIFIED (NEW AND RETREAT) ^a	NUMBER OF HIV-POSITIVE TB PATIENTS	% OF TESTED TB PATIENTS HIV-POSITIVE	% OF HIV-POSITIVE TB PATIENTS ON CPT	% OF HIV-POSITIVE TB PATIENTS ON ART	NUMBER OF HIV-POSITIVE PEOPLE PROVIDED IPT
Iceland		2005	91	10	11	1	10	100	100	
		2006	77	10	13	2	20	0	50	
		2007	–	–	14	–	–	–	–	
		2008	83	5	6	1	20	–	–	
	91	2009	–	7	–	0	–	–	0	
Ireland		2005	6	28	461	11	39	–	–	
		2006	10	45	458	13	29	–	–	
		2007	11	51	478	16	31	–	–	
	6	2008	19	89	470	18	20	–	–	
		2009	–	52	–	6	12	–	–	
Israel		2005	–	–	406	22	–	–	–	
		2006	–	–	386	15	–	–	–	
		2007	100	397	397	18	5	–	–	
		2008	5	17	369	17	100	–	71	
	–	2009	6	22	347	22	100	–	36	
Italy		2005	–	–	4 137	–	–	–	–	
		2006	–	–	4 387	–	–	–	–	
		2007	–	–	4 527	–	–	–	–	
		2008	–	–	4 418	–	–	–	–	
	–	2009	–	–	–	–	–	–	–	
Kazakhstan		2005	77	31 187	40 429	183	1	41	8	
		2006	112	43 204	38 556	234	1	38	16	13
		2007	65	24 532	37 658	213	1	12	10	206
	77	2008	98	28 237	28 913	238	1	15	12	656
	97	2009	97	29 597	30 578	325	1	11	7	1 027
Kyrgyzstan		2005	–	–	6 765	–	–	–	–	
		2006	–	–	6 656	–	–	–	–	
		2007	–	–	6 707	–	–	–	–	
		2008	91	6 508	7 127	117	2	–	–	
	104	2009	104	6 615	6 358	88	1	–	14	58
Latvia		2005	85	1 226	1 443	53	4	–	55	
		2006	85	1 128	1 328	47	4	–	77	0
		2007	85	1 066	1 255	56	5	–	54	0
	85	2008	85	910	1 070	72	8	–	29	0
		2009	–	830	–	73	9	–	60	0
Lithuania		2005	–	–	2 574	7	–	–	–	
		2006	–	–	2 559	13	–	–	–	
		2007	–	–	2 408	21	–	–	–	11
		2008	–	–	2 250	21	–	–	–	
	–	2009	–	–	–	14	–	–	–	
Luxembourg		2005	–	–	37	–	–	–	–	
		2006	–	–	33	–	–	–	–	
		2007	–	–	39	–	–	–	–	
		2008	–	–	28	–	–	–	–	
	–	2009	–	–	–	–	–	–	–	
Malta		2005	4	1	23	–	–	–	–	
		2006	3	1	30	2	200	50	50	0
		2007	71	27	38	2	7	50	100	0
	4	2008	85	45	53	5	11	60	100	0
		2009	–	37	–	4	11	–	–	
Monaco		2005	–	–	–	–	–	–	–	
		2006	–	–	–	–	–	–	–	
		2007	–	–	–	–	–	–	–	
		2008	–	–	–	–	–	–	–	
	–	2009	–	–	–	–	–	–	–	
Montenegro		2005	5	8	170	0	0	–	–	
		2006	10	17	171	1	6	0	100	
		2007	20	32	159	0	0	–	–	0
	5	2008	55	73	133	0	0	–	–	0
	76	2009	76	91	120	0	0	–	–	0
Netherlands		2005	22	252	1 157	61	24	–	–	
		2006	20	201	1 021	43	21	–	–	
		2007	21	205	960	32	16	78	241	
	22	2008	26	261	997	37	14	57	262	90
		2009	–	–	–	–	–	–	–	
Norway		2005	–	–	290	–	–	–	–	
		2006	0	0	294	–	–	–	–	
		2007	0	0	307	–	–	–	–	
		2008	–	–	324	–	–	–	–	
	–	2009	–	–	–	–	–	–	–	
Poland		2005	–	–	9 280	–	–	–	–	
		2006	–	–	8 593	–	–	–	–	
		2007	0	33	8 616	15	45	–	–	
		2008	0	35	8 081	–	–	–	–	
	0	2009	0	27	8 236	–	–	–	–	
Portugal		2005	70	2 485	3 536	571	23	–	–	
		2006	78	2 677	3 423	508	19	–	–	
		2007	85	2 664	3 127	467	18	100	100	0
	70	2008	78	2 350	2 995	438	19	100	100	
		2009	–	–	–	–	–	–	–	
Republic of Moldova		2005	103	6 469	6 278	9	0	–	–	
		2006	41	2 523	6 118	20	1	20	80	
		2007	80	5 123	6 367	194	4	3	25	
	103	2008	84	4 921	5 838	258	5	–	28	
		2009	–	–	5 580	–	–	–	–	
Romania		2005	37	10 860	29 347	160	1	–	–	
		2006	31	8 402	27 319	60	1	–	–	
		2007	25	6 367	25 491	178	3	–	–	
	37	2008	25	6 123	24 786	202	3	–	80	188
		2009	–	5 755	–	209	4	–	81	188
Russian Federation		2005	55	85 537	154 379	3 533	4	–	–	
		2006	57	87 041	152 265	1 979	2	–	52	
		2007	102	218 866	214 924	4 828	2	–	23	5 768
		2008	103	221 889	214 905	6 083	3	–	23	6 933
	55	2009	131	204 624	156 222	7 442	4	–	19	10 451
San Marino		2005	–	–	–	–	–	–	–	
		2006	–	–	–	–	–	–	–	
		2007	–	–	–	–	–	–	–	
		2008	–	–	–	–	–	–	–	
	–	2009	–	–	–	–	–	–	–	

^a Data presented as of 31 August 2010. Notification data for European Union countries were not available.

TABLE A.6 HIV testing and provision of CPT, ART and IPT, 2005–2009

	% OF TB PATIENTS WITH KNOWN HIV STATUS 2005–2009	YEAR	% OF TB PATIENTS WITH KNOWN HIV STATUS	NUMBER OF TB PATIENTS WITH KNOWN HIV STATUS	PATIENTS NOTIFIED (NEW AND RETREAT) ^a	NUMBER OF HIV-POSITIVE TB PATIENTS	% OF TESTED TB PATIENTS HIV-POSITIVE	% OF HIV-POSITIVE TB PATIENTS ON CPT	% OF HIV-POSITIVE TB PATIENTS ON ART	NUMBER OF HIV-POSITIVE PEOPLE PROVIDED IPT
Serbia		2005	0	3	3 468	3	100	433	400	0
		2006	0	5	3 272	5	100	0	100	0
		2007	0	9	2 981	9	100	–	100	0
		2008	0	5	2 813	5	100	–	100	0
		2009	–	–	1 694	–	–	–	–	–
Slovakia		2005	95	720	760	1	0	0	100	0
		2006	97	708	730	0	0	–	–	0
		2007	100	682	682	0	0	–	–	0
		2008	85	537	633	0	0	–	–	0
		2009	–	490	–	1	0	0	100	0
Slovenia		2005	38	107	278	0	0	–	–	0
		2006	33	70	215	1	1	100	100	0
		2007	45	98	218	0	0	–	–	0
		2008	62	131	213	0	0	–	–	0
		2009	–	134	–	0	0	–	–	0
Spain		2005	–	–	8 359	–	–	–	–	–
		2006	44	3 566	8 029	–	–	–	–	–
		2007	51	3 969	7 767	548	14	–	–	–
		2008	49	3 991	8 214	508	13	–	–	–
		2009	–	3 599	–	425	12	–	–	–
Sweden		2005	–	–	569	–	–	–	–	–
		2006	0	0	497	–	–	–	–	–
		2007	0	0	491	–	–	–	–	–
		2008	–	–	552	–	–	–	–	–
		2009	–	–	–	–	–	–	–	–
Switzerland		2005	–	–	626	–	–	–	–	–
		2006	–	–	520	–	–	–	–	–
		2007	0	0	478	–	–	–	–	–
		2008	–	–	516	–	–	–	–	–
		2009	–	–	554	–	–	–	–	–
Tajikistan		2005	9	670	7 526	1	0	0	0	0
		2006	25	1 639	6 671	3	0	0	0	75
		2007	34	2 763	8 081	43	2	0	28	23
		2008	49	3 949	7 996	48	1	–	35	23
		2009	50	3 714	7 482	49	1	0	45	0
The Former Yugoslav Republic of Macedonia		2005	0	2	658	2	100	0	100	0
		2006	15	96	627	0	0	–	–	0
		2007	17	97	563	1	1	0	0	0
		2008	20	99	483	2	2	0	100	0
		2009	9	43	473	0	0	–	–	0
Turkey		2005	–	–	21 303	–	–	–	–	–
		2006	0	0	20 526	0	–	–	–	–
		2007	0	0	19 694	–	–	–	–	15
		2008	0	0	18 452	–	–	–	–	–
		2009	0	1	17 402	1	100	–	–	–
Turkmenistan		2005	–	–	3 291	–	–	–	–	–
		2006	–	–	3 369	–	–	–	–	–
		2007	0	0	3 698	0	–	–	–	0
		2008	–	–	3 909	0	–	–	–	–
		2009	–	–	4 550	–	–	–	–	–
Ukraine		2005	–	–	39 608	1 526	–	–	–	–
		2006	–	–	41 265	1 987	–	–	–	–
		2007	84	34 300	40 643	2 345	7	–	–	–
		2008	200	75 493	37 832	3 726	5	58	32	2 763
		2009	–	–	38 901	–	–	–	–	4 980
United Kingdom of Great Britain and Northern Ireland		2005	–	–	8 633	–	–	–	–	–
		2006	–	–	8 498	–	–	–	–	–
		2007	–	–	8 417	–	–	–	–	–
		2008	–	–	8 655	–	–	–	–	–
		2009	–	–	–	–	–	–	–	–
Uzbekistan		2005	124	35 801	28 891	147	0	0	0	1 314
		2006	148	37 565	25 310	238	1	65	4	1 098
		2007	135	31 682	23 390	371	1	94	4	1 046
		2008	100	21 194	21 194	256	1	35	30	1 046
		2009	100	21 453	21 453	357	2	25	10	1 056

^a Data presented as of 31 August 2010. Notification data for European Union countries were not available.

TABLE A2.7 Testing for MDR-TB and number of confirmed cases of MDR-TB, 2005–2009

YEAR	TOTAL CONFIRMED CASES OF MDR-TB ^a	NEW CASES			PREVIOUSLY TREATED CASES					
		NOTIFIED	NUMBER OF NOTIFIED TESTED FOR MDR-TB	% OF NOTIFIED TESTED FOR MDR-TB	NUMBER OF CONFIRMED CASES OF MDR-TB	NOTIFIED	NUMBER OF NOTIFIED TESTED FOR MDR-TB	% OF NOTIFIED TESTED FOR MDR-TB	NUMBER OF CONFIRMED CASES OF MDR-TB	
Albania	2005	1	497	161	32	0	43	12	28	1
	2006	1	467	140	30	1	35	5	14	0
	2007	3	422	168	40	1	25	18	72	2
	2008	2	402	192	48	1	32	22	69	1
2009	0	416	119	29	0	21	9	43	0	
Andorra	2005	0	10	9	90	0	0	0	–	0
	2006	0	12	8	67	0	1	0	0	0
	2007	0	5	3	60	0	1	0	0	0
	2008	0	4	3	75	0	0	0	–	0
2009	0	7	2	29	0	2	1	50	0	
Armenia	2005	162	1 995	576	29	86	327	182	56	76
	2006	215	1 598	524	33	65	557	346	62	150
	2007	125	1 533	429	28	50	596	213	36	75
	2008	128	1 507	417	28	60	618	190	31	68
2009	156	1 464	4	0	80	172	6	3	76	
Austria	2005	13	928	557	60	11	26	14	54	2
	2006	10	855	500	58	8	18	11	61	2
	2007	9	811	481	59	8	63	31	49	1
	2008	–	–	–	–	–	–	–	–	–
2009	–	–	–	–	–	–	–	–	–	
Azerbaijan	2005	800	4 720	453	10	270	3 200	366	11	58
	2006	398	4 429	404	9	97	3 069	369	12	301
	2007	196	4 444	213	5	13	2 903	257	9	183
	2008	–	5 130	–	–	–	3 733	–	–	–
2009	–	5 848	–	–	–	1 441	–	–	–	
Belarus	2005	–	5 308	–	–	–	1 049	–	–	–
	2006	651	5 142	1 920	37	224	923	1 194	129	427
	2007	870	4 872	1 874	38	302	884	1 243	141	455
	2008	923	4 634	1 802	39	301	849	1 230	145	516
2009	–	4 633	–	–	–	878	–	–	–	
Belgium	2005	10	1 076	596	55	7	68	41	60	3
	2006	–	1 043	–	–	–	84	–	–	–
	2007	14	955	707	74	10	73	52	71	4
	2008	22	811	630	78	15	67	48	72	6
2009	–	–	–	–	–	–	–	–	–	
Bosnia and Herzegovina	2005	5	2 004	1 036	52	4	156	105	67	1
	2006	7	1 687	993	59	3	113	93	82	4
	2007	8	2 217	1 267	57	3	183	156	85	3
	2008	20	1 663	757	46	3	67	77	115	9
2009	–	–	–	–	–	–	–	–	–	
Bulgaria	2005	47	3 101	482	16	22	201	691	344	25
	2006	53	3 011	1 108	37	24	221	221	100	29
	2007	82	2 743	883	32	36	309	121	39	46
	2008	32	2 838	833	29	14	313	105	34	18
2009	–	–	–	–	–	–	–	–	–	
Croatia	2005	7	1 050	581	55	4	94	59	63	3
	2006	3	1 029	614	60	1	106	82	77	2
	2007	7	884	5	1	5	98	2	2	2
	2008	4	944	–	–	4	36	–	–	–
2009	–	–	–	–	–	–	–	–	–	
Cyprus	2005	1	34	16	47	1	3	0	0	0
	2006	–	36	–	–	–	1	–	–	–
	2007	3	41	28	68	2	1	1	100	1
	2008	1	41	29	71	0	3	3	100	1
2009	–	–	–	–	–	–	–	–	–	
Czech Republic	2005	10	973	466	48	5	34	17	50	5
	2006	9	941	552	59	6	32	15	47	3
	2007	11	790	487	62	8	81	45	56	3
	2008	11	807	483	60	10	61	37	61	1
2009	–	–	–	–	–	–	–	–	–	
Denmark	2005	5	395	308	78	5	29	18	62	0
	2006	3	341	286	84	3	35	22	63	0
	2007	2	355	269	76	2	36	21	58	0
	2008	0	330	253	77	0	37	28	76	0
2009	–	–	–	–	–	–	–	–	–	
Estonia	2005	79	425	316	74	42	94	71	76	37
	2006	52	373	279	75	36	82	68	83	16
	2007	80	409	316	77	52	78	65	83	28
	2008	74	354	272	77	42	90	75	83	32
2009	–	–	–	–	–	–	–	–	–	
Finland	2005	3	339	198	58	2	22	22	100	1
	2006	2	280	250	89	1	19	15	79	1
	2007	2	299	216	72	2	14	8	57	0
	2008	1	331	238	72	1	19	9	47	0
2009	–	–	–	–	–	–	–	–	–	
France	2005	–	4 887	–	–	–	371	–	–	–
	2006	30	4 817	1 368	28	19	349	110	32	11
	2007	20	5 066	1 255	25	12	385	102	26	7
	2008	27	3 355	1 313	39	16	379	104	27	10
2009	–	–	–	–	–	–	–	–	–	
Georgia	2005	195	4 294	799	19	54	2 152	515	24	141
	2006	266	4 323	1 297	30	111	1 987	587	30	155
	2007	269	4 065	1 366	34	87	1 845	556	30	182
	2008	481	4 148	1 685	41	190	1 677	720	43	290
2009	–	4 472	–	–	–	600	–	–	–	
Germany	2005	84	5 391	2 991	55	55	493	245	50	29
	2006	78	4 867	3 258	67	65	413	243	59	13
	2007	66	4 486	2 998	67	44	533	244	46	22
	2008	45	3 561	2 360	66	16	441	219	50	24
2009	–	–	–	–	–	–	–	–	–	
Greece	2005	12	626	497	79	12	74	0	0	0
	2006	13	580	507	87	13	63	0	0	0
	2007	14	567	488	86	13	70	43	61	0
	2008	–	534	–	–	–	84	–	–	–
2009	–	–	–	–	–	–	–	–	–	
Hungary	2005	26	1 677	442	26	13	347	88	25	13
	2006	14	1 575	478	30	11	319	77	24	3
	2007	11	1 424	456	32	8	328	84	26	3
	2008	16	1 321	509	39	8	285	102	36	8
2009	–	–	–	–	–	–	–	–	–	

^a TOTAL CONFIRMED CASES OF MDR-TB includes cases with unknown previous treatment history (i.e. not included under NEW CASES or PREVIOUSLY TREATED CASES).

TABLE A2.7 Testing for MDR-TB and number of confirmed cases of MDR-TB, 2005–2009

YEAR	TOTAL CONFIRMED CASES OF MDR-TB ^a	NEW CASES			PREVIOUSLY TREATED CASES				
		NOTIFIED	NUMBER OF NOTIFIED TESTED FOR MDR-TB	% OF NOTIFIED TESTED FOR MDR-TB	NUMBER OF CONFIRMED CASES OF MDR-TB	NOTIFIED	NUMBER OF NOTIFIED TESTED FOR MDR-TB	% OF NOTIFIED TESTED FOR MDR-TB	NUMBER OF CONFIRMED CASES OF MDR-TB
Iceland	2005	0	10	7	70	0	1	100	0
	2006	0	13	12	92	0	0	–	0
	2007	1	12	10	83	0	2	50	1
	2008	1	6	5	83	1	0	–	0
	2009	–	–	–	–	–	–	–	–
Ireland	2005	2	385	101	26	1	40	45	1
	2006	3	412	145	35	2	21	6	29
	2007	5	417	127	30	3	51	15	29
	2008	3	336	114	34	2	41	8	20
	2009	–	–	–	–	–	–	–	–
Israel	2005	–	399	–	–	7	–	–	–
	2006	19	383	264	69	18	3	67	1
	2007	18	386	257	67	14	11	100	4
	2008	9	364	222	61	8	5	3	60
	2009	7	339	259	76	5	8	6	75
Italy	2005	–	3 828	–	–	293	–	–	–
	2006	28	4 145	847	20	28	–	–	–
	2007	56	2 695	653	24	16	1 772	79	4
	2008	71	3 414	1 018	30	27	292	165	57
	2009	–	–	–	–	–	–	–	24
Kazakhstan	2005	–	22 303	–	–	15 009	–	–	–
	2006	4 117	20 874	7 835	38	1 028	14 859	7 898	53
	2007	5 568	21 557	7 997	37	1 596	14 143	7 509	53
	2008	3 676	19 684	5 605	28	1 384	9 229	4 474	48
	2009	3 644	16 810	4 140	25	981	9 371	4 413	47
Kyrgyzstan	2005	989	5 918	837	14	169	847	152	18
	2006	336	5 726	962	17	248	930	155	17
	2007	322	5 667	1 018	18	168	1 040	200	19
	2008	269	6 230	484	8	97	756	325	43
	2009	785	5 434	5	0	225	758	1	0
Latvia	2005	156	1 238	860	69	91	205	182	89
	2006	143	1 144	796	70	85	184	171	93
	2007	98	1 079	810	75	58	176	165	94
	2008	129	918	684	75	83	152	144	95
	2009	–	–	–	–	–	–	–	46
Lithuania	2005	336	2 114	1 294	61	127	460	439	95
	2006	332	2 099	1 346	64	128	460	440	96
	2007	314	1 982	1 257	63	126	426	425	100
	2008	276	1 892	1 259	67	113	357	356	100
	2009	–	–	–	–	–	–	–	162
Luxembourg	2005	0	37	36	97	0	0	–	0
	2006	0	33	33	100	0	–	–	–
	2007	1	39	32	82	1	0	–	0
	2008	–	0	–	–	0	–	–	–
	2009	–	–	–	–	–	–	–	–
Malta	2005	0	21	10	48	0	1	0	0
	2006	2	30	14	47	2	0	–	0
	2007	1	37	18	49	1	1	0	0
	2008	0	46	22	48	0	7	3	43
	2009	–	–	–	–	–	–	–	0
Monaco	2005	–	–	–	–	–	–	–	–
	2006	–	–	–	–	–	–	–	–
	2007	–	–	–	–	–	–	–	–
	2008	–	–	–	–	–	–	–	–
	2009	–	–	–	–	–	–	–	–
Montenegro	2005	1	143	82	57	0	27	14	52
	2006	2	153	90	59	0	18	15	83
	2007	2	137	76	55	0	22	11	50
	2008	0	123	75	61	0	10	9	90
	2009	1	108	80	74	0	11	9	82
Netherlands	2005	3	1 113	644	58	3	44	27	61
	2006	5	985	645	65	3	36	76	211
	2007	6	916	553	60	3	44	–	–
	2008	13	948	696	73	11	49	32	65
	2009	–	–	–	–	–	–	–	2
Norway	2005	3	269	193	72	3	14	8	57
	2006	3	276	216	78	1	17	9	53
	2007	3	282	225	80	2	24	17	71
	2008	4	252	180	71	1	27	14	52
	2009	–	–	–	–	–	–	–	2
Poland	2005	72	8 203	5 409	66	–	1 077	–	–
	2006	–	7 627	–	–	–	966	–	–
	2007	51	7 569	2 716	36	8	1 047	522	50
	2008	–	7 061	–	–	–	1 020	–	–
	2009	20	7 268	3 224	44	10	968	488	50
Portugal	2005	23	3 181	998	31	12	350	102	29
	2006	17	3 072	1 120	36	14	345	97	28
	2007	34	2 816	1 446	51	21	307	144	47
	2008	28	2 703	1 496	55	19	292	145	50
	2009	–	–	–	–	–	–	–	9
Republic of Moldova	2005	338	4 501	536	12	68	1 777	652	37
	2006	1 040	4 388	1 051	24	242	1 730	1 655	96
	2007	896	4 166	1 311	31	311	2 201	934	42
	2008	1 048	3 951	1 212	31	300	1 865	1 227	66
	2009	924	3 804	1 199	32	263	1 654	981	59
Romania	2005	530	22 407	1 594	7	95	6 938	1 300	19
	2006	–	20 733	–	–	33	6 586	–	–
	2007	754	19 252	2 355	12	99	6 239	2 311	37
	2008	816	18 774	3 025	16	130	6 012	2 522	42
	2009	–	–	–	–	–	–	–	686
Russian Federation	2005	6 581	119 226	–	–	35 153	–	–	–
	2006	3 949	117 646	25 804	22	2 942	34 619	4 396	13
	2007	5 297	118 367	30 370	26	3 959	96 557	4 828	5
	2008	6 960	120 835	36 249	30	5 061	94 070	6 404	7
	2009	14 686	117 227	36 888	31	5 816	32 569	6 798	21
San Marino	2005	–	–	–	–	–	–	–	–
	2006	–	–	–	–	–	–	–	–
	2007	–	–	–	–	–	–	–	–
	2008	–	–	–	–	–	–	–	–
	2009	–	–	–	–	–	–	–	–

^a TOTAL CONFIRMED CASES OF MDR-TB includes cases with unknown previous treatment history (i.e. not included under NEW CASES or PREVIOUSLY TREATED CASES).

TABLE A2.7 Testing for MDR-TB and number of confirmed cases of MDR-TB, 2005–2009

	YEAR	TOTAL CONFIRMED CASES OF MDR-TB ^a	NEW CASES			PREVIOUSLY TREATED CASES				
			NOTIFIED	NUMBER OF NOTIFIED TESTED FOR MDR-TB	% OF NOTIFIED TESTED FOR MDR-TB	NUMBER OF CONFIRMED CASES OF MDR-TB	NOTIFIED	NUMBER OF NOTIFIED TESTED FOR MDR-TB	% OF NOTIFIED TESTED FOR MDR-TB	NUMBER OF CONFIRMED CASES OF MDR-TB
Serbia	2005	10	3 168	1 111	35	5	300	123	41	5
	2006	10	2 939	990	34	0	333	140	42	10
	2007	25	2 667	1 130	42	7	314	185	59	18
	2008	20	2 526	1 095	43	6	280	165	59	14
2009		1 486		–		203		–		
Slovakia	2005	8	652	248	38	4	108	56	52	4
	2006	7	626	340	54	3	104	61	59	4
	2007	7	585	343	59	3	97	53	55	4
	2008	4	510	300	59	1	98	62	63	2
2009				–				–		
Slovenia	2005	1	249	217	87	0	29	28	97	1
	2006	1	202	176	87	1	13	8	62	0
	2007	0	198	174	88	0	18	15	83	0
	2008	2	197	182	92	1	16	13	81	1
2009				–				–		
Spain	2005		7 281		–		1 078		–	
	2006	50	7 616	1 265	17	36	413	54	13	14
	2007		7 347		–		420		–	
	2008	76	6 769	1 080	16	31	461	174	38	23
2009	56		1 147	–	6		383	–	45	
Sweden	2005	4	539	427	79	2	30	17	57	2
	2006	3	485	377	78	2	11	23	209	1
	2007	15	459	346	75	12	32	19	59	3
	2008	12	457	349	76	7	37	30	81	4
2009				–				–		
Switzerland	2005	4	508	326	64	2	118	43	36	2
	2006	4	461	382	83	4	46	41	89	0
	2007	8	425	264	62	5	53	37	70	3
	2008	5	319	258	81	3	54	34	63	1
2009		333	269	81			41	–		
Tajikistan	2005		5 337		–		2 189		–	
	2006	0	5 226	0	0	0	1 442	0	0	0
	2007		6 078		–		2 003		–	
	2008	0	6 150		–	0	1 846		–	0
2009	319	5 864	833	14	62	533	580	109	257	
The Former Yugoslav Republic of Macedonia	2005	4	555	106	19	0	103	19	18	4
	2006	6	529	133	25	0	98	29	30	6
	2007	9	494	167	34	0	69	26	38	9
	2008	2	427	130	30	0	56	17	30	2
2009	1	417	191	46	0	48	28	58	1	
Turkey	2005	191	18 753	3 237	17	101	2 550	508	20	90
	2006	249	18 544	4 112	22	133	1 982	700	35	116
	2007	240	17 809	4 142	23	120	1 885	775	41	120
	2008	263	16 760	4 212	25	125	1 689	740	44	138
2009	222	15 943	3 714	23	99	1 445	599	41	123	
Turkmenistan	2005		3 149		–		142		–	
	2006	16	3 124	0	0	0	245	103	42	16
	2007	0	3 347	0	0	0	351	0	0	0
	2008		3 628		–		281		–	
2009	39	4 550	164	4	21		111	–	18	
Ukraine	2005				–				–	
	2006		38 884		–		2 381		–	
	2007		34 891		–		5 752		–	
	2008		35 739		–		2 093		–	
2009	808	33 424	350	1	337	5 477	442	8	471	
United Kingdom of Great Britain and Northern Ireland	2005	26	8 173	3 379	41	23	460	112	24	3
	2006	52	8 157	4 677	57	39	237	255	108	13
	2007	55	7 851	4 510	57	41	436	221	51	14
	2008	53	6 586	3 749	57	38	413	186	45	7
2009				–				–		
Uzbekistan	2005	86	19 876	0	0	0	9 015	435	5	86
	2006	83	23 112	206	1	29	2 198	89	4	54
	2007	484	18 773	385	2	119	4 617	463	10	365
	2008	342	15 971	274	2	52	5 087	470	9	290
2009	654	16 569	571	3	115	2 451	732	30	539	

^a TOTAL CONFIRMED CASES OF MDR-TB includes cases with unknown previous treatment history (i.e. not included under NEW CASES or PREVIOUSLY TREATED CASES).

TABLE A2.8 New smear-positive case notification by age and sex, 1995–2009

YEAR	MALE								FEMALE								MALE/FEMALE RATIO	
	0–14	15–24	25–34	35–44	45–54	55–64	65+	UN-KNOWN	0–14	15–24	25–34	35–44	45–54	55–64	65+	UN-KNOWN		
Albania	1995	0	0	0	0	19	40	30	0	1	0	0	13	20	16		1.8	
	2000	2	19	21	14	24	19	16	3	11	10	8	8	5	11		2.1	
	2005	0	26	21	16	31	20	37	0	0	3	9	5	5	18	0	3.4	
	2009	0	22	21	12	24	15	22	0	2	15	7	6	9	4	12	2.1	
Andorra	1995																–	
	2000	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0.7	
	2005	0	0	1	1	0	0	0	0	1	1	1	0	0	0	0	1.0	
	2009	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	–	
Armenia	1995	1	18	16	11	10	8	1	1	1	7	2	1	1			5.0	
	2000	2	152	130	131	63	26	21	1	24	27	24	8	8	4		5.5	
	2005	3	170	104	83	84	30	24	0	3	27	21	10	11	4	7	6.0	
	2009	1	52	76	59	102	36	16	2	33	29	7	9	9			3.5	
Austria	1995	4	37	95	82	89	71	73	6	22	52	32	21	18	59		2.1	
	2000	1	17	30	59	42	23	41	1	11	22	12	11	6	22		2.5	
	2005	1	32	23	22	41	24	30	0	0	13	11	8	3	5	10	0	3.5
	2009																–	
Azerbaijan	1995	0	13	29	14	6	4	1	0	5	18	0	0	0	0		2.9	
	2000	0	9	24	33	42	30	0	0	3	3	6	3	0	0		9.2	
	2005	77	109	297	215	209	187	88	0	90	64	98	47	32	24	24	0	3.1
	2009	5	229	190	165	151	63	30	11	108	92	37	41	14	19		2.6	
Belarus	1995																–	
	2000																–	
	2005		71	180	273	287	118	62		25	53	50	43	11	62		4.1	
	2009	0	66	173	208	287	134	54	0	41	52	52	41	25	68		3.3	
Belgium	1995	3	23	49	63	52	54	102	3	12	24	32	17	10	34		2.6	
	2000	3	20	57	39	55	32	56	6	15	15	19	4	13	27		2.6	
	2005	1	26	50	32	27	15	47	0	2	27	31	15	12	4	23	0	1.7
	2009																–	
Bosnia and Herzegovina	1995	0	15	61	90	140	139	100	0	40	67	64	49	77	23		1.7	
	2000	4	56	82	99	66	58	77	4	30	46	29	29	48	124		1.4	
	2005	1	22	58	61	78	44	80	1	2	35	39	33	28	28	130	0	1.2
	2009																–	
Bulgaria	1995																–	
	2000	0	13	16	20	3	9	10	0	0	11	14	7	3	4	6	1.6	
	2005	9	98	150	195	195	150	136	0	9	90	111	59	29	37	70	0	2.3
	2009																–	
Croatia	1995	6	38	97	210	132	178	141	10	50	57	57	38	60	130		2.0	
	2000																–	
	2005	1	24	27	48	72	47	34	0	1	12	18	15	11	6	56	0	2.1
	2009																–	
Cyprus	1995	0	1	1	0	1	1	2	0	1	1	1	2	0	1		1.0	
	2000																–	
	2005	0	3	1	1	1	0	1	0	0	1	0	0	0	0	0	7.0	
	2009																–	
Czech Republic	1995	2	10	22	83	88	53	90	0	9	11	20	13	19	88		2.2	
	2000	0	7	31	52	89	61	59	0	15	13	9	10	7	57		2.7	
	2005	0	8	24	57	55	45	46	0	0	3	14	16	7	5	28	0	3.2
	2009																–	
Denmark	1995	0	7	16	28	18	9	11	2	7	13	8	4	3	2		2.3	
	2000	5	10	20	24	16	11	14	5	16	15	14	6	7	8		1.4	
	2005	0	12	12	18	23	9	7	0	2	11	5	13	9	3	5	0	1.7
	2009																–	
Estonia	1995																–	
	2000	0	6	31	53	56	35	15	0	0	9	11	14	11	4	10	3.3	
	2005	0	9	25	19	40	12	7	0	0	6	11	8	11	6	8	0	2.2
	2009																–	
Finland	1995	1	1	10	25	28	24	61	1	1	6	7	4	10	65		1.6	
	2000	0	3	8	22	19	28	53	0	1	5	3	4	6	49		2.0	
	2005	1	5	4	3	14	11	25	0	0	3	4	1	0	6	20	0	1.9
	2009																–	
France	1995	30	156	431	502	414	297	496	36	138	226	176	90	92	365		2.1	
	2000	10	136	248	247	211	125	244	18	108	127	89	46	43	155		2.1	
	2005	12	127	212	222	196	134	205	0	16	104	134	82	56	38	180	0	1.8
	2009																–	
Georgia	1995	2	20	30	25	40	18	12	2	8	17	17	18	7	5		2.0	
	2000	4	76	111	113	63	45	28	1	49	37	33	17	10	5		2.9	
	2005	0	226	272	268	207	76	60	4	109	105	58	46	17	47		2.9	
	2009																–	
Germany	1995	14	179	453	539	460	442	625	17	115	251	167	89	104	397		2.4	
	2000																–	
	2005	6	59	113	171	167	92	167	0	4	51	104	73	43	37	103	0	1.9
	2009																–	
Greece	1995																–	
	2000	1	10	22	32	24	19	46	0	2	9	10	5	6	25		2.7	
	2005	1	14	25	22	14	12	23	5	0	13	18	8	7	2	17	0	1.8
	2009																–	
Hungary	1995																–	
	2000	0	8	24	85	104	58	27	0	1	7	17	19	22	10	30		2.9
	2005	0	6	24	67	117	67	39	0	1	5	13	11	22	15	33	0	3.2
	2009																–	
Iceland	1995	0	0	0	0	0	0	1	0	0	0	0	0	0	1		1.0	
	2000																0.0	
	2005	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	–	
	2009																–	
Ireland	1995																–	
	2000	0	10	7	7	6	4	12	0	0	13	8	13	6	7	15		0.7
	2005	1	6	10	21	10	7	6	0	0	9	10	3	3	0	8	0	1.8
	2009																–	
Israel	1995																–	
	2000	0	16	28	17	24	10	31	2	11	15	7	3	7	25		1.8	
	2005	0	5	10	12	12	5	14	0	1	3	9	8	6	1	9	0	1.6
	2009	2	6	17	16	8	0	14	0	0	2	12	10	6	2	13	0	1.4
Italy	1995	9	59	202	157	94	124	289	7	52	93	57	40	51	168		2.0	
	2000	12	63	96	75	58	54	112	6	38	58	33	13	19	39		2.3	
	2005	8	93	191	137	101	61	115	24	3	80	145	56	25	19	70	9	1.8
	2009																–	
Kazakhstan	1995																–	
	2000	36	1 057	1 409	1 379	923	439	218	84	999	1 079	599	275	202	204		1.6	
	2005	31	917	1 142	983	795	274	175	0	46	751	767	436	286	121	187	0	1.7
	2009	6	765	812	676	573	252	116	0	37	662	519	337	200	122	135	0	1.6
Kyrgyzstan	1995	3	109	171	165	65	38	30	1	70	94	34	18	15	19		2.3	
	2000	4	128	227	205	115	52	46	6	128	146	100	41	30	29		1.6	
	2005	1	247	303	269	194	66	84	0	15	215	236	141	70	33	98	0	1.4
	2009	7	251	252	185	168	54	41	14	214	186	97	60	29	51		1.5	

TABLE A2.8 New smear-positive case notification by age and sex, 1995–2009

COUNTRY	YEAR	MALE								FEMALE								MALE/FEMALE RATIO			
		0–14	15–24	25–34	35–44	45–54	55–64	65+	UN-KNOWN	0–14	15–24	25–34	35–44	45–54	55–64	65+	UN-KNOWN				
Latvia	1995	0	20	44	71	70	40	30		0	22	49	55	47	27	29		1.2			
	2000	0	53	106	124	111	64	34		2	25	41	27	28	7	15		3.4			
	2005	1	22	71	104	117	55	34	0	0	17	31	31	23	18	12	0	3.1			
	2009																				
Lithuania	1995	4	46	132	225	176	90	77		5	6	53	45	32	16	42		3.8			
	2000	1	38	97	145	155	74	68		0	20	37	39	32	22	48		2.9			
	2005	0	42	118	186	187	108	67	0	1	25	41	57	49	23	54	0	2.8			
	2009																				
Luxembourg	1995																				
	2000																				
	2005	0	0	2	2	1	1	2	0	0	0	2	1	1	1	0	0	1.6			
	2009																				
Malta	1995	0	0	0	1	0	0	0		0	0	1	0	0	1	2		0.3			
	2000	0	1	0	1	1	0	1													
	2005	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0				
	2009																				
Monaco	1995																				
	2000																				
	2005																				
	2009																				
Montenegro	2005	0	3	5	7	15	4	8	0	0	0	7	3	4	0	8	0	1.9			
	2009	0	1	5	6	10	5	9	0	1	1	5	3	2	2	3	0	2.1			
Netherlands	1995	22	79	119	75	28	9	10		24	56	50	13	10	8	7		2.0			
	2000	0	34	63	41	25	10	21		4	29	22	16	9	5	10		2.0			
	2005	0	23	42	23	26	14	19	0	3	14	19	11	9	1	4	0	2.4			
	2009																				
Norway	1995	0	4	8	6	3	5	12		0	4	7	2	0	3	8		1.6			
	2000	0	1	9	3	6	2	4		1	3	1			2	5		2.1			
	2005	0	9	4	6	4	4	3	0	0	4	7	2	1	0	3	0	1.8			
	2009																				
Poland	1995	3	122	295	795	565	369	377		4	129	163	225	111	107	414		2.2			
	2000	1	99	303	812	782	361	434		1	99	158	211	170	82	421		2.4			
	2005	3	109	199	389	639	292	310	0	3	95	142	112	151	63	316	0	2.2			
	2009	2	84	207	340	594	410	256	0	7	60	129	86	136	76	273	0	2.5			
Portugal	1995	11	215	363	328	200	173	164		7	139	172	87	33	42	85		2.6			
	2000	8	147	375	349	208	140	140		5	114	154	87	41	25	64		2.8			
	2005	5	85	227	284	181	90	93	5	7	67	109	66	29	11	42	1	2.9			
	2009																				
Republic of Moldova	1995	0	55	115	166	95	65	15		2	42	38	31	19	10	12		3.3			
	2000	2	52	31	36	13	13	6		1	16	32	45	23	14	6		1.1			
	2005	2	211	337	345	313	106	31	0	3	97	92	57	61	23	18	0	3.8			
	2009	3	155	220	255	256	91	30	0	2	69	85	61	54	22	15	0	3.3			
Romania	1995	387	1 662	2 322	3 608	2 587	1 751	784		355	1 352	1 240	871	479	396	417		2.6			
	2000	46	832	1 508	1 799	1 684	916	533		53	701	766	484	341	207	321		2.5			
	2005	36	752	1 511	1 786	1 999	952	638	4	55	758	780	493	374	219	442	2	2.5			
	2009																				
Russian Federation	1995																				
	2000	1	295	526	596	402	151	54		1	43	73	74	38	31	44		6.7			
	2005																				
	2009	22	2 510	6 544	5 722	5 952	2 822	1 014		33	1 464	2 602	1 739	1 390	713	824		2.8			
San Marino	1995																				
	2000							1													
	2005																				
	2009																				
Serbia	2005	3	62	96	118	156	112	132	0	6	69	76	55	49	22	149	0	1.6			
	2009	0	33	52	81	106	89	123	0	3	25	34	45	30	36	144	0	1.5			
Serbia & Montenegro	1995	10	108	204	317	296	350	386		11	127	167	133	83	158	275		1.8			
	2000																				
Slovakia	1995	4	18	44	123	108	63	152		5	16	17	22	24	33	159		1.9			
	2000	2	6	15	31	50	16	32		0	5	9	7	5	4	54		1.8			
	2005	0	3	13	16	25	25	20	0	0	1	8	9	5	6	27	0	1.8			
	2009																				
Slovenia	1995	1	13	39	63	36	26	27		0	7	24	11	9	5	42		2.1			
	2000	0	3	11	36	22	14	17		0	3	9	3	4	3	20		2.5			
	2005	0	4	10	16	15	11	14	0	0	4	4	6	5	4	16	0	1.8			
	2009																				
Spain	1995	22	132	337	242	150	112	228		23	90	129	64	39	34	98		2.6			
	2000																				
	2005	13	166	394	367	230	140	230	2	10	142	252	151	63	24	108	2	2.1			
	2009																				
Sweden	1995	1	5	12	8	5	4	27		0	10	13	5	5	4	14		1.2			
	2000	0	9	10	12	11	4	25		1	9	8	10	2	2	15		1.5			
	2005	0	7	21	16	10	5	16	0	1	10	15	12	5	3	13	0	1.3			
	2009																				
Switzerland	1995	0	12	23	26	23	13	27		1	13	20	9	1	2	15		2.0			
	2000	0	5	18	10	7	5	8		1	9	12	8	2	1	6		1.4			
	2005	1	10	9	13	12	2	7	0	0	6	11	8	3	2	4	0	1.6			
	2009		11	10	12	7	2	4		1	1	9	8	5	1	2		1.7			
Tajikistan	1995																				
	2000																				
	2005	8	308	279	164	104	54	48	0	26	225	185	151	89	43	53	0	1.3			
	2009	4	407	322	173	107	78	58	0	12	253	223	111	92	60	72	0	1.4			
The Former Yugoslav Republic of Macedonia	1995	2	15	42	45	33	29	24		2	32	30	20	11	17	17		1.5			
	2000	5	8	14	20	19	20	14		1	15	14	17	5	5	10		1.5			
	2005	2	14	20	23	20	18	13	1	2	17	13	10	7	5	13	0	1.7			
	2009	1	28	24	30	23	13	14	0	2	14	16	10	4	5	14	0	2.0			
Turkey	1995																				
	2000																				
	2005	33	1 148	1 295	1 028	963	534	429	0	50	699	474	243	175	166	213	0	2.7			
	2009	34	817	986	729	865	500	432	0	36	479	469	171	137	127	225	0	2.7			
Turkmenistan	1995	1	11	188	0	79	30	0		2	15	146	0	47	25	0		1.3			
	2000	16	103	185	144	127	31	21		19	73	140	76	31	34	17		1.6			
	2005	2	148	181	146	97	51	13	0	3	100	101	72	46	27	8	0	1.8			
	2009	0	178	223	221	155	59	32		5	146	119	90	65	47	30		1.7			
Ukraine	1995	10	385	1 076	2 064	1 515	1 087	437		21	314	380	327	182	185	280		3.9			
	2000	21	693	1 552	2 385	2 007	1 062	532		41	487	590	447	298	218	405		3.3			
	2005																				
	2009	15	953	2 506	2 656	2 384	1 073	570		15	531	986	717	470	254	502		2.9			
United Kingdom of Great Britain and Northern Ireland	1995																				
	2000	8	86	130	96	87	75	138		9	95	114	60								

TABLE A2.9 Laboratories, NTP services, drug management, human resources and infection control, 2009

	LABORATORIES			FREE THROUGH NTP			DRUG MANAGEMENT			% OF STAFF TRAINED BY THE NTP (IN 2009) ^b				TB NOTIFICATION RATE PER 100 000 HEALTH-CARE WORKERS
	SMAR/LABS PER 100K POPULATION	CULTURE/LABS PER 10K POPULATION	DST/LABS PER 10M POPULATION	SECOND-LINE AVAILABLE	NRL ^a	TB DIAGNOSIS	FIRST-LINE DRUGS	RIEAMP/IN/USED THROUGHOUT TREATMENT	% OF PATIENTS TREATED WITH FDC ^c	PAEDIATRIC FORMULATIONS PROCURED	MEDICAL OFFICERS	NURSES	HEALTH ASSISTANTS	
Albania	1.8	1.6	3.2	No	Yes	Yes, all suspects	Yes	Yes	100	No				
Andorra				In country	Yes	If TB is confirmed	Yes	Yes	100	Yes				0
Armenia				No	Yes	Yes, all suspects	Yes	Yes	75	No				
Australia				No	Yes	Yes, all suspects	Yes	Yes		No				
Azerbaijan														
Belarus														
Belgium														
Bosnia and Herzegovina	0.5	21.9	29.2	Out of country	Yes	Yes, all suspects	Yes	Yes		No				
Bulgaria														
Croatia														
Cyprus														
Czech Republic				In country	Yes	Yes, all suspects	Yes	Yes		No				
Denmark														
Estonia	0.6	7.5	14.9	In country	Yes	Yes, all suspects	Yes	Yes	0	No				22
Finland				In country	Yes	Yes, all suspects	Yes	Yes		Yes				
France										No				
Georgia										Yes				
Germany				In country	Yes	Yes, all suspects	Yes	Yes		Yes				
Greece														
Hungary				Out of country	Yes	If TB is confirmed	Yes	Yes		No				
Iceland				Out of country	Yes	Yes, all suspects	Yes	Yes	95	Yes				
Ireland				In country	Yes	Yes, all suspects	Yes	Yes	90	Yes				
Israel														
Italy														
Kazakhstan	2.9	28.5	14.1	In country	Yes	Yes, all suspects	Yes	Yes	50	Yes	20	21		982
Kyrgyzstan	2.2	10.0	5.5	In country	Yes	Yes, all suspects	Yes	Yes	80	Yes				
Latvia	1.2	11.1	4.4	In country	Yes	Yes, all suspects	Yes	Yes	0	No				
Lithuania	0.4	6.1	12.2	In country	Yes	If TB is confirmed	Yes	Yes	10	No	100	0		0
Luxembourg														
Mali				Out of country	No	Yes, all suspects	Yes	Yes		No				
Morocco														
Montenegro	0.2	8.0	0	Out of country	No	If TB is confirmed	Yes	Yes	0	Yes				
Netherlands														
Norway														
Poland	0.2	11.2	12.3	In country	Yes	Yes, all suspects	Yes	Yes		Yes				
Portugal														
Republic of Moldova				In country	Yes	Yes, all suspects	Yes	Yes		No				
Romania	0.6	23.3	20.2	In country	Yes	Yes, all suspects	Yes	Yes	70	Yes	21	20	0	16
Russian Federation	2.8	14.1	19.3	In country	No	Yes, all suspects	Yes	Yes		No				54
San Marino														
Serbia														
Slovakia				In country	Yes	Yes, all suspects	Yes	Yes	0	No				
Slovenia				In country	Yes	If TB is confirmed	Yes	Yes		Yes				
Spain				In country	Yes	Yes (other criteria)	Don't know							
Sweden														
Switzerland	1.4	0.7	1.4	In country	Yes	Yes, all suspects	No	Yes	100	Yes	2	1		1483
Tajikistan				Out of country	Yes	If TB is confirmed	Yes	Yes	100	Yes				
The Former Yugoslav Republic of Macedonia	0.5	7.3	4.9	No	Yes	If TB is confirmed	Yes	Yes	95	Yes				
Turkey	0.2	2.5	3.1	In country	Yes	Yes, all suspects	Yes	Yes	0	Yes	21	0	0	0
Turkmenistan	1.2	1.0	2.0	In country	Yes	Yes, all suspects	Yes	Yes	95	Yes	15	9		49
Ukraine	2.2	11.3	10.1	In country	Yes	Yes, all suspects	Yes	Yes	40	Yes	26			84
United Kingdom of Great Britain and Northern Ireland														
Uzbekistan	1.2	0.4	0.7	In country	Yes	Yes, all suspects	Yes	Yes	100	No	3	1	0	13

a NRL = national reference laboratory

b FDC = fixed-dose combination

c NURSES (Registered Nurses, Enrolled Nurses, Enrolled Midwives), HEALTH ASSISTANTS (Medical Assistants, Clinical Officers), LABORATORY TECHNICIANS (Microscopists)

South-East Asia Region



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Estimates of mortality, prevalence and incidence

Estimated values are shown as best estimates followed by lower and upper bounds. The lower and upper bounds are defined as the 2.5th and 97.5th centiles of outcome distributions produced in simulations. See ANNEX 1 for further details.

Estimated numbers are shown rounded to two significant figures. Estimated rates are shown rounded to three significant figures unless the value is under 100, in which case rates are shown rounded to two significant figures.

Estimates for all years are recalculated as new information becomes available and techniques are refined, so they may differ from those published in previous reports in this series. Estimates published in previous global TB control reports should no longer be used.

Graphs

Graphs where displayed show data from all years within the range stated.

Data source

Data shown in this annex are taken from the WHO global TB database on 31 August 2010. Data shown in the main part of the report were taken from the database on 17 June 2010. As a result, data in this annex may differ slightly from those in the main part of the report.

Data can be downloaded from www.who.int/tb/data.

Country notes

Bangladesh

TABLE A2.2: the population estimate used by the NTP (148 million) is lower than that of the United Nations Population Division (162 million). Using the smaller population estimate gives a notification rate of 109 per 100 000 population (all forms of TB) and 74 per 100 000 population (smear-positive TB).

Bangladesh completed a survey of the prevalence of TB disease in 2009. A reassessment of the epidemiological burden of TB, using data from the survey combined with an in-depth analysis of surveillance and programmatic data, will be undertaken in 2011.

India

TABLE A2.2: the population estimate used by the NTP (1164 million) is lower than that of the United Nations Population Division (1198 million). Using the smaller population estimate gives a notification rate of new smear-positive cases of 116 per 100 000 population. The incidence of smear-positive TB has been estimated at 75 per 100 000 population using data from surveys of the annual risk of infection. Using the notification rate for smear-positive TB of 54 per 100 000 population (using national estimates of population size) and a smear-positive incidence rate of 75 per 100 000 population gives an estimated case detection rate of 72%.

Myanmar

Myanmar completed a survey of the prevalence of TB disease in 2010. A reassessment of the epidemiological burden of TB will be undertaken following finalization and dissemination of survey results.

TABLE A2.1 Estimates of the burden of disease caused by TB, 1990–2009

YEAR	POPULATION (MILLIONS)	MORTALITY (EXCLUDING HIV)		PREVALENCE (INCLUDING HIV)		INCIDENCE (INCLUDING HIV)		
		NUMBER (THOUSANDS)	RATE ^a	NUMBER (THOUSANDS)	RATE	NUMBER (THOUSANDS)	RATE	
Bangladesh	1990	116	79 (43–130)	68 (37–109)	580 (230–1100)	499 (195–965)	260 (140–380)	225 (124–326)
	1995	128	88 (69–110)	69 (54–86)	640 (290–1100)	501 (227–826)	290 (230–350)	225 (180–270)
	2000	141	92 (71–120)	65 (50–82)	680 (310–1100)	486 (222–799)	320 (250–380)	225 (180–270)
	2005	153	87 (64–110)	57 (42–74)	690 (320–1100)	450 (208–738)	340 (280–410)	225 (180–270)
	2006	155	84 (61–110)	54 (39–71)	680 (310–1100)	437 (202–717)	350 (280–420)	225 (180–270)
	2007	158	82 (59–110)	52 (37–70)	680 (310–1100)	430 (193–711)	350 (280–430)	225 (180–270)
	2008	160	82 (59–110)	51 (37–68)	680 (310–1100)	426 (195–701)	360 (290–430)	225 (180–270)
2009	162	83 (60–110)	51 (37–67)	690 (320–1100)	426 (198–696)	360 (300–440)	225 (183–270)	
Bhutan	1990	<1	0.27 (0.1–0.54)	49 (19–99)	2.7 (0.95–5.3)	492 (174–963)	1.7 (1.2–2.4)	308 (210–446)
	1995	<1	0.17 (0.089–0.29)	34 (18–58)	2.2 (0.78–3.8)	427 (153–742)	1.6 (1.3–1.9)	308 (255–369)
	2000	<1	0.16 (0.079–0.27)	28 (14–49)	2 (0.72–3.5)	354 (129–619)	1.4 (1.1–1.7)	253 (203–304)
	2005	<1	0.13 (0.065–0.22)	20 (10–34)	1.7 (0.6–2.9)	256 (92–445)	1.2 (1–1.5)	187 (155–225)
	2006	<1	0.12 (0.055–0.22)	17 (8.3–32)	1.6 (0.54–2.8)	239 (81–422)	1.2 (0.95–1.4)	179 (143–215)
	2007	<1	0.11 (0.057–0.19)	16 (8.4–29)	1.5 (0.54–2.6)	227 (80–392)	1.2 (1–1.4)	172 (148–206)
	2008	<1	0.077 (0.039–0.15)	11 (5.7–21)	1.4 (0.4–2.4)	198 (58–346)	1.1 (0.96–1.4)	165 (140–198)
2009	<1	0.058 (0.032–0.12)	8.4 (4.6–17)	1.3 (0.33–2.2)	179 (47–315)	1.1 (0.92–1.3)	158 (132–186)	
Democratic People's Republic of Korea	1990	20	7.1 (2.3–18)	35 (12–90)	95 (26–190)	470 (128–968)	69 (38–100)	344 (189–499)
	1995	22	7.6 (3.7–14)	35 (17–65)	100 (35–180)	468 (162–830)	75 (60–90)	344 (276–413)
	2000	23	21 (16–27)	91 (68–117)	160 (75–260)	706 (327–1156)	79 (63–94)	344 (276–413)
	2005	24	15 (10–22)	65 (44–92)	140 (63–230)	598 (269–992)	81 (65–97)	344 (276–413)
	2006	24	14 (9–20)	59 (38–86)	130 (59–230)	571 (250–955)	81 (65–98)	344 (276–413)
	2007	24	11 (6.1–17)	46 (26–74)	120 (44–210)	515 (206–879)	82 (65–98)	344 (276–413)
	2008	24	7.5 (3.9–13)	31 (16–54)	110 (37–190)	454 (154–779)	82 (73–98)	344 (305–413)
2009	24	5.9 (3.1–11)	25 (13–44)	100 (30–180)	423 (126–736)	82 (70–96)	345 (293–400)	
India	1990	862	370 (180–630)	43 (21–73)	1900 (1000–5700)	338 (135–659)	1400 (800–2100)	168 (92–243)
	1995	953	180 (97–310)	19 (10–33)	2200 (870–3800)	234 (91–400)	1600 (1300–1900)	168 (134–201)
	2000	1 043	250 (150–380)	24 (14–37)	2600 (1100–4400)	248 (108–418)	1700 (1400–2100)	168 (134–201)
	2005	1 131	290 (180–430)	26 (16–38)	2900 (1500–4900)	258 (114–431)	1900 (1500–2300)	168 (134–201)
	2006	1 148	290 (170–430)	25 (15–38)	2900 (1500–4900)	254 (110–427)	1900 (1500–2300)	168 (134–201)
	2007	1 165	280 (170–420)	24 (14–36)	2900 (1500–4900)	250 (108–420)	2000 (1600–2300)	168 (134–201)
	2008	1 181	280 (160–430)	23 (14–36)	2900 (1500–5000)	248 (105–419)	2000 (1600–2400)	168 (134–201)
2009	1 198	280 (170–430)	23 (14–36)	3000 (1500–5000)	249 (107–417)	2000 (1600–2400)	168 (137–202)	
Indonesia	1990	177	100 (55–160)	58 (31–93)	740 (290–1400)	419 (164–811)	340 (180–490)	189 (104–274)
	1995	192	120 (97–150)	64 (51–78)	860 (380–1400)	446 (197–736)	360 (290–430)	189 (151–227)
	2000	205	120 (91–150)	57 (44–71)	860 (390–1400)	417 (191–687)	390 (310–470)	189 (151–227)
	2005	219	71 (45–100)	32 (21–47)	680 (300–1100)	310 (136–517)	410 (330–500)	189 (151–227)
	2006	222	65 (40–98)	29 (18–44)	660 (280–1100)	298 (126–502)	420 (340–500)	189 (151–227)
	2007	225	62 (37–95)	28 (16–42)	650 (280–1100)	291 (123–493)	420 (340–510)	189 (151–227)
	2008	227	62 (37–96)	27 (16–42)	660 (280–1100)	290 (122–489)	430 (340–520)	189 (151–227)
2009	230	61 (36–95)	27 (16–41)	660 (270–1100)	285 (119–482)	430 (350–520)	189 (153–228)	
Maldives	1990	<1	0.074 (0.034–0.13)	34 (16–61)	0.62 (0.24–1.2)	286 (111–564)	0.32 (0.18–0.47)	150 (82–217)
	1995	<1	0.02 (0.011–0.036)	8.1 (4.3–15)	0.33 (0.1–0.57)	132 (41–229)	0.26 (0.23–0.31)	105 (93–126)
	2000	<1	0.027 (0.016–0.044)	10 (5.7–16)	0.3 (0.12–0.52)	111 (45–190)	0.2 (0.16–0.24)	74 (59–89)
	2005	<1	0.018 (<0.01–0.031)	6.3 (3.4–10)	0.22 (0.084–0.38)	75 (29–128)	0.15 (0.12–0.18)	52 (42–62)
	2006	<1	0.015 (<0.01–0.026)	4.9 (2.4–8.9)	0.19 (0.067–0.34)	65 (23–115)	0.14 (0.11–0.17)	48 (39–58)
	2007	<1	0.012 (<0.01–0.019)	4 (2.3–6.4)	0.18 (0.061–0.3)	59 (20–99)	0.14 (0.13–0.16)	45 (42–54)
	2008	<1	<0.01 (<0.01–0.015)	2.9 (1.6–5.1)	0.16 (0.048–0.27)	51 (16–88)	0.13 (0.12–0.15)	42 (39–50)
2009	<1	<0.01 (<0.01–0.014)	2.6 (1.4–4.6)	0.15 (0.042–0.25)	47 (14–81)	0.12 (0.1–0.14)	39 (33–45)	
Myanmar	1990	41	54 (32–82)	133 (79–200)	380 (150–720)	922 (359–1755)	160 (91–240)	404 (222–585)
	1995	44	54 (43–66)	123 (98–151)	380 (170–630)	865 (382–1429)	180 (140–210)	404 (323–484)
	2000	47	52 (41–65)	112 (88–140)	380 (170–620)	811 (368–1338)	190 (150–230)	404 (323–484)
	2005	48	32 (21–46)	67 (44–95)	300 (140–500)	628 (288–1039)	200 (160–230)	404 (323–484)
	2006	49	30 (19–44)	61 (38–89)	290 (130–490)	603 (267–1004)	200 (160–240)	404 (323–484)
	2007	49	29 (18–43)	58 (36–88)	290 (130–490)	596 (261–993)	200 (160–240)	404 (323–484)
	2008	50	29 (18–43)	58 (36–86)	290 (130–490)	593 (261–987)	200 (160–240)	404 (323–484)
2009	50	29 (18–44)	59 (36–87)	300 (130–500)	595 (262–994)	200 (160–240)	404 (323–486)	
Nepal	1990	19	8.3 (4.3–14)	44 (23–72)	64 (26–120)	335 (134–650)	31 (17–45)	163 (90–237)
	1995	22	6.5 (4.3–9.2)	30 (20–43)	60 (27–100)	278 (124–461)	35 (28–42)	163 (131–196)
	2000	24	5.1 (2.8–8.3)	21 (12–34)	58 (23–99)	239 (95–407)	40 (32–48)	163 (131–196)
	2005	27	5.5 (3–9.1)	20 (11–33)	64 (25–110)	235 (93–402)	44 (36–53)	163 (131–196)
	2006	28	5.7 (3.2–9.3)	21 (11–34)	66 (26–110)	237 (94–405)	45 (36–54)	163 (131–196)
	2007	28	6.1 (3.4–9.7)	21 (12–34)	68 (28–120)	240 (98–410)	46 (37–55)	163 (131–196)
	2008	29	6.2 (3.5–9.9)	21 (12–34)	69 (28–120)	241 (98–408)	47 (38–56)	163 (131–196)
2009	29	6.3 (3.6–10)	21 (12–34)	71 (29–120)	241 (97–408)	48 (39–58)	163 (133–197)	
Sri Lanka	1990	17	2.1 (0.84–4.2)	12 (4.9–24)	20 (7.1–40)	114 (41–230)	11 (6.7–17)	66 (39–96)
	1995	18	2.5 (1.8–3.5)	14 (9.7–19)	22 (10–36)	121 (55–199)	12 (9.7–14)	66 (53–79)
	2000	19	2.1 (1.3–3.1)	11 (6.8–16)	20 (8.7–34)	108 (46–182)	12 (9.9–15)	66 (53–79)
	2005	20	1.9 (1.1–2.9)	9.7 (5.7–15)	20 (8.3–34)	103 (42–174)	13 (10–16)	66 (53–79)
	2006	20	1.9 (1.1–2.9)	9.7 (5.7–15)	20 (8.4–34)	102 (42–173)	13 (10–16)	66 (53–79)
	2007	20	1.9 (1.2–3)	9.8 (5.8–15)	20 (8.5–35)	103 (43–175)	13 (11–16)	66 (53–79)
	2008	20	1.9 (1.1–3)	9.5 (5.6–15)	20 (8.4–34)	101 (42–172)	13 (11–16)	66 (53–79)
2009	20	1.9 (1.1–2.9)	9.2 (5.4–14)	20 (8.4–34)	101 (41–170)	13 (11–16)	66 (54–80)	
Thailand	1990	57	12 (4.5–25)	21 (7.9–43)	120 (44–240)	208 (78–416)	77 (47–110)	137 (82–198)
	1995	60	12 (7.8–18)	21 (13–30)	120 (54–190)	194 (90–324)	82 (66–99)	137 (109–164)
	2000	62	15 (10–21)	25 (17–34)	130 (62–220)	212 (99–352)	85 (68–100)	137 (109–164)
	2005	66	12 (7.2–18)	18 (11–28)	130 (56–210)	190 (85–320)	90 (72–110)	137 (109–164)
	2006	67	12 (7.4–19)	19 (11–29)	130 (57–210)	191 (85–321)	91 (73–110)	137 (109–164)
	2007	67	13 (7.9–19)	19 (12–29)	130 (59–220)	196 (89–325)	92 (73–110)	137 (109–164)
	2008	67	12 (7.4–19)	18 (11–28)	130 (58–210)	190 (86–318)	92 (74–110)	137 (109–164)
2009	68	12 (7.2–19)	18 (11–27)	130 (57–210)	189 (83–317)	93 (75–110)	137 (111–165)	
Timor-Leste	1990	<1	<0.01 (<0.01–0.01)	<1 (<1–1)	<0.01 (<0.01–0.01)	<1 (<1–1)	3.7 (2–5.3)	498 (274–723)
	1995	<1	<0.01 (<0.01–0.01)	<1 (<1–1)	<0.01 (<0.01–0.01)	<1 (<1–1)	4.2 (3.4–5.1)	498 (399–598)
	2000	<1	<0.01 (<0.01–0.01)	<1 (<1–1)	<0.01 (<0.01–0.01)	<1 (<1–1)	4.1 (3.3–4.9)	498 (399–598)
	2005	<1	0.61 (0.31–1)	61 (32–104)	7.2 (2.7–12)	724 (272–1256)	4.9 (4–5.9)	498 (399–598)
	2006	1	0.73 (0.4–1.2)	70 (39–112)	7.8 (3.2–13)	763 (310–1309)	5.1 (4.1–6.2)	498 (399–598)
	2007	1	0.85 (0.51–1.3)	80 (48–120)	8.5 (3.6–14)	802 (342–1352)	5.3 (4.2–6.4)	498 (399–598)
	2008	1	0.79 (0.45–1.2)	72 (41–113)	8.4 (3.4–14)	769 (314–1315)	5.5 (4.4–6.6)	498 (399–598)
2009	1	0.75 (0.41–1.2)	66 (37–106)	8.4 (3.3–14)	743 (295–1274)	5.6 (4.6–6.8)	498 (406–600)	

^a Rates are per 100 000 population.

TABLE A2.2 Incidence, notification and case detection rates, all forms, 1990–2009

YEAR	POPULATION (MILLIONS)	INCIDENCE (INCLUDING HIV)		INCIDENCE HIV-POSITIVE		NOTIFIED NEW AND RELAPSE ^a		CASE DETECTION RATE ^a	
		NUMBER (THOUSANDS)	RATE ^b	NUMBER (THOUSANDS)	RATE ^b	NUMBER	RATE ^b	PERCENT	
Bangladesh	1990	116	260 (140–380)	225 (124–326)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	48 673	42	19 (13–34)
	1995	128	290 (230–350)	225 (180–270)	0.031 (<0.01–0.2)	<1 (<1–<1)	56 437	44	20 (16–25)
	2000	141	320 (250–380)	225 (180–270)	0.11 (0.026–0.25)	<1 (<1–<1)	75 557	54	24 (20–30)
	2005	153	340 (280–410)	225 (180–270)	0.29 (0.13–0.51)	<1 (<1–<1)	123 118	80	36 (30–45)
	2006	155	350 (280–420)	225 (180–270)	0.34 (0.17–0.57)	<1 (<1–<1)	145 186	93	42 (35–52)
	2007	158	350 (280–430)	225 (180–270)	0.41 (0.22–0.67)	<1 (<1–<1)	147 342	93	42 (35–52)
2008	160	360 (290–430)	225 (180–270)	0.49 (0.27–0.79)	<1 (<1–<1)	151 062	94	42 (35–53)	
	2009	162	360 (300–440)	225 (183–270)	0.58 (0.32–0.95)	<1 (<1–<1)	160 875	99	44 (37–54)
Bhutan	1990	1	1.7 (1.2–2.4)	308 (210–446)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	1 154	210	68 (47–100)
	1995	1	1.6 (1.3–1.9)	308 (255–369)	<0.01 (<0.01–0.01)	<1 (<1–2)	1 299	255	83 (69–100)
	2000	1	1.4 (1.1–1.7)	253 (203–304)	<0.01 (<0.01–0.023)	<1 (<1–4.1)	1 140	203	80 (67–100)
	2005	1	1.2 (1–1.5)	187 (155–225)	0.018 (<0.01–0.032)	2.8 (1.2–4.9)	1 007	155	83 (69–100)
	2006	1	1.2 (0.95–1.4)	179 (143–215)	0.022 (0.012–0.036)	3.3 (1.7–5.4)	917	138	77 (64–96)
	2007	1	1.2 (1–1.4)	172 (148–206)	0.026 (0.015–0.041)	3.9 (2.3–6)	999	148	86 (72–100)
2008	1	1.1 (0.96–1.4)	165 (140–198)	0.031 (0.019–0.041)	4.5 (2.7–6.9)	961	140	85 (71–100)	
	2009	1	1.1 (0.92–1.3)	158 (132–186)	0.036 (0.02–0.057)	5.1 (2.9–8.1)	1 125	161	102 (87–123)
Democratic People's Republic of Korea	1990	20	69 (38–100)	344 (189–499)	0.024 (<0.01–0.049)	<1 (<1–<1)			–
	1995	22	75 (60–90)	344 (276–413)	0.11 (0.052–0.18)	<1 (<1–<1)			–
	2000	23	79 (63–94)	344 (276–413)	0.16 (0.085–0.26)	<1 (<1–1.1)	34 131	149	43 (36–54)
	2005	24	81 (65–97)	344 (276–413)	0.19 (0.1–0.3)	<1 (<1–1.3)	42 722	182	53 (44–66)
	2006	24	81 (65–98)	344 (276–413)	0.19 (0.1–0.31)	<1 (<1–1.3)	44 558	189	55 (46–68)
	2007	24	82 (65–98)	344 (276–413)	0.2 (0.11–0.32)	<1 (<1–1.3)	58 802	248	72 (60–90)
2008	24	82 (73–98)	344 (305–413)	0.2 (0.11–0.32)	<1 (<1–1.3)	72 541	305	88 (74–100)	
	2009	24	82 (70–96)	345 (293–400)	0.2 (0.11–0.32)	<1 (<1–1.4)	76 336	319	93 (80–109)
India	1990	862	1400 (800–2100)	168 (92–243)	8.4 (2.1–20)	<1 (<1–2.3)	1 519 182	176	105 (72–191)
	1995	953	1600 (1300–1900)	168 (134–201)	80 (41–130)	8.4 (4.3–14)	1 218 183	128	76 (63–95)
	2000	1 043	1700 (1400–2100)	168 (134–201)	150 (92–230)	15 (8.8–22)	1 115 718	107	64 (53–80)
	2005	1 131	1900 (1500–2300)	168 (134–201)	140 (85–220)	13 (7.5–19)	1 156 248	102	61 (51–76)
	2006	1 148	1900 (1500–2300)	168 (134–201)	140 (83–220)	12 (7.2–19)	1 228 827	107	64 (53–80)
	2007	1 165	2000 (1600–2300)	168 (134–201)	140 (94–190)	12 (8–16)	1 295 943	111	66 (55–83)
2008	1 181	2000 (1600–2400)	168 (134–201)	130 (78–200)	11 (6.6–17)	1 332 267	113	67 (56–84)	
	2009	1 198	2000 (1600–2400)	168 (137–202)	130 (74–200)	11 (6.2–17)	1 351 913	113	67 (56–83)
Indonesia	1990	177	340 (180–490)	189 (104–274)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	74 470	42	22 (15–40)
	1995	192	360 (290–430)	189 (151–227)	0.025 (<0.01–0.2)	<1 (<1–<1)	35 529	19	10 (8–12)
	2000	205	390 (310–470)	189 (151–227)	0.35 (<0.01–1.6)	<1 (<1–1.1)	84 591	41	22 (18–27)
	2005	219	410 (330–500)	189 (151–227)	6.6 (3.6–11)	3 (1.6–4.9)	254 601	116	61 (51–77)
	2006	222	420 (340–500)	189 (151–227)	8.2 (4.6–13)	3.7 (2.1–5.8)	277 589	125	66 (55–83)
	2007	225	420 (340–510)	189 (151–227)	9.6 (5.6–15)	4.3 (2.5–6.6)	275 193	122	65 (54–81)
2008	227	430 (340–520)	189 (151–227)	11 (6.3–17)	4.8 (2.8–7.6)	296 514	130	69 (57–86)	
	2009	230	430 (350–520)	189 (153–228)	12 (7.2–19)	5.4 (3.1–8.4)	292 753	127	67 (56–83)
Maldives	1990	0	0.32 (0.18–0.47)	150 (82–217)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	152	71	47 (32–66)
	1995	0	0.26 (0.23–0.31)	105 (93–126)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	231	93	89 (74–100)
	2000	0	0.2 (0.16–0.24)	74 (59–89)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	132	48	66 (55–82)
	2005	0	0.15 (0.12–0.18)	52 (42–62)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	122	42	81 (67–100)
	2006	0	0.14 (0.11–0.17)	48 (39–58)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	99	33	69 (58–87)
	2007	0	0.14 (0.13–0.16)	45 (42–54)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	127	42	94 (78–100)
2008	0	0.13 (0.12–0.15)	42 (39–50)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	120	39	94 (78–100)	
	2009	0	0.12 (0.1–0.14)	39 (33–45)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	100	32	83 (72–97)
Myanmar	1990	41	160 (91–240)	404 (222–585)	6.9 (3.6–11)	17 (8.9–28)	12 416	30	8 (5–14)
	1995	44	180 (140–210)	404 (323–484)	16 (10–23)	37 (24–52)	18 229	42	10 (9–13)
	2000	47	190 (150–230)	404 (323–484)	22 (15–31)	48 (32–67)	30 840	66	16 (14–20)
	2005	48	200 (160–230)	404 (323–484)	22 (15–31)	46 (31–65)	107 009	221	55 (46–69)
	2006	49	200 (160–240)	404 (323–484)	22 (15–31)	46 (31–64)	122 472	251	62 (52–78)
	2007	49	200 (160–240)	404 (323–484)	22 (15–30)	44 (30–61)	129 081	263	65 (54–81)
2008	50	200 (160–240)	404 (323–484)	22 (15–31)	44 (30–62)	124 037	250	62 (52–77)	
	2009	50	200 (160–240)	404 (329–486)	22 (15–31)	44 (30–62)	128 343	257	64 (53–78)
Nepal	1990	19	31 (17–45)	163 (90–237)	0.39 (0.2–0.67)	2.1 (1.1–3.5)	10 142	53	33 (22–59)
	1995	22	35 (28–42)	163 (131–196)	0.72 (0.47–1)	3.3 (2.2–4.8)	19 804	92	56 (47–70)
	2000	24	40 (32–48)	163 (131–196)	0.98 (0.65–1.4)	4 (2.7–5.7)	29 519	121	74 (62–93)
	2005	27	44 (36–53)	163 (131–196)	1.1 (0.72–1.6)	4 (2.7–5.8)	33 448	123	75 (63–94)
	2006	28	45 (36–54)	163 (131–196)	1.1 (0.73–1.6)	4 (2.6–5.7)	32 670	118	72 (60–90)
	2007	28	46 (37–55)	163 (131–196)	1.1 (0.76–1.5)	3.9 (2.7–5.4)	32 940	116	71 (59–89)
2008	29	47 (38–56)	163 (131–196)	1.1 (0.72–1.6)	3.8 (2.5–5.5)	32 909	114	70 (58–88)	
	2009	29	48 (39–58)	163 (133–197)	1.1 (0.72–1.6)	3.8 (2.4–5.4)	34 888	119	73 (60–90)
Sri Lanka	1990	17	11 (6.7–17)	66 (39–96)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	6 666	39	58 (40–100)
	1995	18	12 (9.7–14)	66 (53–79)	<0.01 (<0.01–0.01)	<1 (<1–<1)	5 956	33	49 (41–62)
	2000	19	12 (9.9–15)	66 (53–79)	0.011 (<0.01–0.02)	<1 (<1–<1)	8 413	45	68 (56–85)
	2005	20	13 (10–16)	66 (53–79)	0.021 (0.012–0.033)	<1 (<1–<1)	9 249	47	72 (60–89)
	2006	20	13 (10–16)	66 (53–79)	0.024 (0.013–0.037)	<1 (<1–<1)	8 510	43	65 (54–82)
	2007	20	13 (11–16)	66 (53–79)	0.026 (0.018–0.037)	<1 (<1–<1)	8 718	44	66 (55–83)
2008	20	13 (11–16)	66 (53–79)	0.029 (0.016–0.046)	<1 (<1–<1)	9 290	46	70 (58–88)	
	2009	20	13 (11–16)	66 (54–80)	0.032 (0.018–0.052)	<1 (<1–<1)	9 314	46	69 (58–85)
Thailand	1990	57	77 (47–110)	137 (82–198)	9.2 (4.9–15)	16 (8.6–27)	46 510	82	60 (41–100)
	1995	60	82 (66–99)	137 (109–164)	18 (11–25)	29 (19–42)	45 428	76	55 (46–69)
	2000	62	85 (68–100)	137 (109–164)	17 (10–25)	27 (17–40)	34 187	55	40 (33–50)
	2005	66	90 (72–110)	137 (109–164)	16 (10–23)	24 (15–35)	57 895	88	64 (54–80)
	2006	67	91 (73–110)	137 (109–164)	16 (10–23)	24 (15–35)	56 230	85	62 (52–77)
	2007	67	92 (73–110)	137 (109–164)	16 (11–22)	23 (16–32)	54 793	82	60 (50–75)
2008	67	92 (74–110)	137 (109–164)	16 (11–22)	23 (16–32)	55 252	82	60 (50–75)	
	2009	68	93 (75–110)	137 (111–165)	16 (11–22)	23 (16–32)	63 975	94	69 (57–85)
Timor-Leste	1990	1	3.7 (2–5.3)	498 (274–723)	<0.01 (<0.01–<0.01)	<1 (<1–<1)			–
	1995	1	4.2 (3.4–5.1)	498 (399–598)	<0.01 (<0.01–<0.01)	<1 (<1–<1)			–
	2000	1	4.1 (3.3–4.9)	498 (399–598)	<0.01 (<0.01–<0.01)	<1 (<1–<1)			–
	2005	1	4.9 (4–5.9)	498 (399–598)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	3 767	380	76 (64–95)
	2006	1	5.1 (4.1–6.2)	498 (399–598)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	3 586	349	70 (58–87)
	2007	1	5.3 (4.2–6.4)	498 (399–598)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	3 255	306	61 (51–77)
2008	1	5.5 (4.4–6.6)	498 (399–598)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	3 285	299	60 (50–75)	
	2009	1	5.6 (4.6–6.8)	498 (406–600)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	4 748	419	84 (70–103)

^a Where notification data from a country had not been received by 31 August, the notification rate was assumed to be the same as for 2008 (in *italics*).^b Rates are per 100 000 population.

TABLE A2.3 Case notifications, 1990–2009

	NEW AND RELAPSE NOTIFICATION RATE ^a 1990–2009	YEAR	NEW AND RELAPSE ^a	NEW CASES				RELAPSE	RE-TREAT EXCL. RELAPSE	TOTAL RETREAT	HISTORY UNKNOWN	% SMEAR-POS AMONG NEW PULM
				SMEAR-POSITIVE	SMEAR-NEGATIVE/ UNKNOWN	EXTRA-PULMONARY	OTHER					
Bangladesh		1990	48 673									–
		1995	56 437	20 524	19 297	2 060		729		729		52
		2000	75 557	38 484	29 396	5 914		1 763		1 763		57
		2005	123 118	84 848	23 076	11 318		3 876		3 876		79
		2006	145 186	101 967	24 565	14 436	0	4 218		4 218		81
		2007	147 342	104 296	23 152	16 106	0	3 788		3 788		82
Bhutan		1990	1 154									–
		1995	1 299	367	657	265		10		10		36
		2000	1 140	347	430	363		36		36		45
		2005	1 007	308	272	387		40	11	51		53
		2006	917	312	238	326	0	41	17	58	0	57
		2007	999	328	253	373		45	9	54		56
Democratic People's Republic of Korea		1990										–
		1995										–
		2000	34 131	16 440	13 801	3 787		103		103		54
		2005	42 722	17 796	18 123	5 381	58	1 364	7 752	9 116		50
		2006	44 558	18 435	19 610	5 012		1 501	7 319	8 820		48
		2007	58 802	23 575	25 789	7 579		1 859	9 375	11 234		48
India		1990	1 519 182									–
		1995	1 218 183	264 515	880 589	68 979		690		690		23
		2000	1 115 718	349 374	650 345	98 006		17 993	80 072	98 065		35
		2005	1 156 248	508 890	399 066	171 838	1 381	75 073	148 580	223 653	0	56
		2006	1 228 827	553 851	400 680	183 203	1 188	89 905	169 138	259 043	0	58
		2007	1 295 943	592 587	398 862	208 840	798	96 856	179 686	276 542	0	60
Indonesia		1990	74 470									–
		1995	35 529	31 768	34	0		106		106		100
		2000	84 591	52 338	15 035	833		1 448		1 448		78
		2005	254 601	158 640	85 373	6 142		4 446		4 446		65
		2006	277 589	175 320	91 029	7 013	0	4 227		4 227		66
		2007	275 193	160 617	102 613	8 048		3 915	467	4 382		61
Maldives		1990	152									–
		1995	231	114	89	18		10		10		56
		2000	132	65	31	32		4	0	4		68
		2005	122	66	23	29	0	4	1	5	0	74
		2006	99	53	16	26	0	4	1	5	0	77
		2007	127	59	37	30	0	1	2	3	0	61
Myanmar		1990	12 416									–
		1995	18 229	8 681	7 058	653		1 837		1 837		55
		2000	30 840	17 254	8 659	2 304		2 623		2 623		67
		2005	107 009	36 541	35 601	30 252		4 615	982	5 597		51
		2006	122 472	40 241	42 741	34 495		4 995	3 973	8 968		48
		2007	129 081	42 588	41 826	40 002		4 665	4 466	9 131		50
Nepal		1990	10 142									–
		1995	19 804	8 591	7 938	2 489		786		786		52
		2000	29 519	13 683	9 074	4 955		1 807		1 807		60
		2005	33 448	14 617	9 474	7 013	0	2 344	629	2 973		61
		2006	32 670	14 028	9 170	7 089	0	2 383	537	2 920	0	60
		2007	32 940	14 355	9 350	6 986	0	2 249	499	2 748	0	61
Sri Lanka		1990	32 909	14 640	9 298	6 527		2 444	510	2 954		61
		1995	34 888	15 442	9 794	7 054		2 598	519	3 117		61
		2000	6 666	2 769	3 241	656						46
		2005	9 249	4 868	2 198	1 917	0	266	244	510	202	69
		2006	8 510	4 442	1 905	1 936		227	208	435	228	70
		2007	8 718	4 528	1 985	1 984	0	221	217	438	220	70
Thailand		1990	9 290	4 683	2 146	2 167		202	192	394	132	69
		1995	9 314	4 764	1 996	2 358		196	213	409	261	70
		2000	46 510									–
		2005	45 428	20 273	22 606	1 419		1 130		1 130		47
		2006	34 187	17 754	12 439	2 953		1 041		1 041		59
		2007	57 895	29 762	18 837	7 501		1 795		1 795		61
Timor-Leste		1990	56 230	29 081	17 607	7 800		1 742	1 437	3 179	1 161	62
		1995	54 793	28 487	17 156	7 485		1 665		1 665		62
		2000	55 252	28 788	16 933	7 815		1 716	2 240	3 956		63
		2005	63 975	32 810	20 058	9 143		1 964	1 965	3 929		62
		2006										–
		2007										–

^a Rates are per 100 000 population. Where notification data from a country had not been received by 31 August, the notification rate was assumed to be the same as for 2008 (in italics).

TABLE A2.4 Treatment outcomes, new smear-positive cases, 1995–2008

	TREATMENT SUCCESS (%) ^a 1995–2008	YEAR	NUMBER NOTIFIED	SIZE OF COHORT	COHORT AS % NOTIFIED	% OF COHORT					
						CURED	COMPLETED	DIED	FAILED	DEFAULTED	NOT EVALUATED
Bangladesh		1995	20 524	10 867	53	66	5	5	2	10	12
		2000	38 484	38 484	100	77	4	4	1	9	5
		2005	84 848	84 848	100	91	1	4	1	2	2
		2006	101 967	101 761	100	91	1	3	1	2	2
		2007	104 296	104 296	100	91	1	3	1	2	3
		2008	106 373	106 089	100	90	2	4	1	2	2
Bhutan		1995	367	433	118	78	20	0	0	1	1
		2000	347	347	100	75	15	4	3	3	0
		2005	308	340	110	84	7	5	3	1	0
		2006	312	320	103	80	9	5	1	1	5
		2007	328	331	101	91	2	3	3	0	1
		2008	351	354	101	89	2	3	3	0	3
Democratic People's Republic of Korea		1995	–	–	–	–	–	–	–	–	–
		2000	16 440	14 571	89	73	9	3	7	5	3
		2005	17 796	17 796	100	84	5	2	4	2	2
		2006	18 435	18 435	100	82	4	3	4	4	3
		2007	23 575	23 575	100	82	5	3	4	3	3
		2008	28 026	28 026	100	83	6	2	4	2	2
India		1995	264 515	264 722	100	1	25	0	0	0	75
		2000	349 374	349 328	100	31	4	1	1	7	57
		2005	508 890	507 204	100	83	2	5	2	7	1
		2006	553 851	553 302	100	84	2	5	2	6	1
		2007	592 587	592 414	100	84	2	5	2	6	1
		2008	615 977	615 977	100	85	2	4	2	6	1
Indonesia		1995	31 768	3 018	10	73	18	2	0	6	1
		2000	52 338	52 338	100	70	17	2	1	4	5
		2005	158 640	158 640	100	83	8	2	1	4	2
		2006	175 320	175 320	100	83	9	2	1	5	2
		2007	160 617	160 617	100	82	9	2	1	4	2
		2008	166 376	166 376	100	83	8	2	1	4	2
Maldives		1995	114	114	100	96	2	3	0	0	0
		2000	65	59	91	97	0	2	0	0	2
		2005	66	70	106	86	0	6	0	0	3
		2006	53	53	100	91	0	0	2	4	4
		2007	59	60	102	68	0	3	0	10	18
		2008	53	53	100	45	4	4	11	40	
Myanmar		1995	8 681	7 872	91	53	14	4	4	18	7
		2000	17 254	16 792	97	73	9	5	2	9	2
		2005	36 541	36 652	100	77	7	6	3	5	2
		2006	40 241	40 350	100	77	7	6	3	5	2
		2007	42 588	42 773	100	77	8	5	3	5	2
		2008	41 248	41 247	100	78	8	6	3	5	2
Nepal		1995	8 591	8 053	94	56	17	3	2	18	6
		2000	13 683	12 992	95	79	5	5	1	7	2
		2005	14 617	14 617	100	87	1	5	1	3	2
		2006	14 028	14 028	100	86	2	5	1	3	3
		2007	14 355	14 355	100	86	2	5	1	3	3
		2008	14 640	14 640	100	86	3	4	1	3	3
Sri Lanka		1995	3 049	3 058	100	75	4	3	0	13	4
		2000	4 314	4 314	100	75	4	4	1	15	2
		2005	4 868	4 841	99	83	3	5	1	6	1
		2006	4 442	4 431	100	83	4	5	1	7	0
		2007	4 528	4 477	99	84	3	5	1	7	1
		2008	4 683	4 646	99	81	4	6	2	7	1
Thailand		1995	20 273	20 273	100	36	28	2	0	9	24
		2000	17 754	23 061	130	65	3	8	2	7	15
		2005	29 762	29 919	101	70	5	8	2	7	9
		2006	29 081	28 856	99	71	6	8	2	6	7
		2007	28 487	29 588	104	77	6	9	2	5	2
		2008	28 788	33 078	115	76	7	7	2	4	4
Timor-Leste		1995	–	–	–	–	–	–	–	–	–
		2000	–	–	–	–	–	–	–	–	–
		2005	1 035	1 035	100	61	21	5	1	11	2
		2006	907	908	100	69	10	5	0	12	3
		2007	1 021	1 021	100	69	15	4	0	8	4
		2008	867	867	100	73	12	5	0	7	3

^a TREATMENT SUCCESS = percent cured + percent completed then rounded to the nearest digit.

TABLE A2.5 Treatment outcomes, retreatment cases, 1995–2008

	TREATMENT SUCCESS (%) ^a 1995–2008	YEAR	NUMBER NOTIFIED	SIZE OF COHORT	COHORT AS % NOTIFIED	% OF COHORT					
						CURED	COMPLETED	DIED	FAILED	DEFAULTED	NOT EVALUATED
Bangladesh		1995	729	1 179	162	71	3	5	8	11	2
		2000	1 763	1 815	103	70	2	4	2	7	14
		2005	3 876	3 876	100	73	6	4	2	5	9
		2006	4 218	4 211	100	70	7	5	2	4	12
		2007	3 788	3 788	100	74	5	4	2	5	10
2008	6 991	–	–	–	–	–	–	–	–	–	
Bhutan		1995	10	22	220	50	9	0	23	14	5
		2000	36	–	–	–	–	–	–	–	–
		2005	51	52	102	65	10	6	8	2	10
		2006	58	61	105	62	13	2	7	0	16
		2007	54	46	85	80	11	4	2	0	2
2008	70	70	100	76	3	3	16	1	1		
Democratic People's Republic of Korea		1995	–	–	–	–	–	–	–	–	–
		2000	103	1 285	1 248	75	11	2	4	2	5
		2005	9 116	9 116	100	70	6	3	12	5	4
		2006	8 820	8 820	100	68	8	4	13	4	3
		2007	11 234	11 234	100	69	8	4	13	3	3
2008	14 170	14 170	100	75	8	3	10	3	2		
India		1995	690	551	80	64	6	4	3	13	9
		2000	98 065	48 133	49	55	15	7	5	16	2
		2005	223 653	224 143	100	47	24	7	4	16	1
		2006	259 043	259 130	100	45	26	7	4	15	2
		2007	276 542	193 364	70	63	2	8	5	15	7
2008	289 285	289 285	100	45	29	7	4	13	2		
Indonesia		1995	106	76	72	22	9	0	0	1	67
		2000	1 448	2 530	175	50	22	3	3	7	15
		2005	4 446	4 812	108	63	15	3	4	8	7
		2006	4 227	4 227	100	61	16	5	2	11	5
		2007	4 382	4 382	100	60	17	4	3	11	5
2008	5 430	5 430	100	50	21	4	3	14	7		
Maldives		1995	10	–	–	–	–	–	–	–	–
		2000	4	5	125	100	–	–	–	–	–
		2005	5	5	100	80	20	0	0	0	0
		2006	5	5	100	60	20	–	20	0	0
		2007	3	0	0	–	–	–	–	–	–
2008	2	–	–	–	–	–	–	–	–		
Myanmar		1995	1 837	1 443	79	55	8	4	4	19	9
		2000	2 623	3 001	114	65	9	7	4	12	3
		2005	5 597	6 556	117	58	14	10	6	7	5
		2006	8 968	8 866	99	50	20	12	7	7	4
		2007	9 131	9 167	100	44	9	8	4	5	30
2008	9 009	8 631	96	46	27	12	5	7	3		
Nepal		1995	786	–	–	–	–	–	–	–	–
		2000	1 807	2 047	113	73	3	4	8	7	4
		2005	2 973	2 973	100	81	2	4	6	4	3
		2006	2 920	2 920	100	82	1	6	4	3	3
		2007	2 748	2 748	100	80	2	5	3	3	7
2008	2 954	1 954	66	71	4	10	5	5	5		
Sri Lanka		1995	248	–	–	–	–	–	–	–	–
		2000	649	521	80	44	20	6	1	26	3
		2005	510	504	99	67	5	5	2	18	3
		2006	435	435	100	66	5	6	3	17	4
		2007	438	432	99	68	5	7	2	16	2
2008	394	393	100	64	7	8	2	15	5		
Thailand		1995	1 130	–	–	–	–	–	–	–	–
		2000	1 041	–	–	–	–	–	–	–	–
		2005	1 795	2 285	127	52	6	12	5	7	18
		2006	3 179	2 191	69	53	9	13	6	7	12
		2007	1 665	2 562	154	61	9	11	6	9	3
2008	3 956	3 468	88	54	12	9	4	7	14		
Timor-Leste		1995	–	–	–	–	–	–	–	–	–
		2000	–	–	–	–	–	–	–	–	–
		2005	52	56	108	96	0	2	0	2	0
		2006	42	44	105	73	7	5	0	16	0
		2007	44	44	100	59	16	2	7	9	7
2008	35	35	100	57	14	11	6	11	0		

^a TREATMENT SUCCESS = percent cured + percent completed then rounded to the nearest digit.

TABLE A.6 HIV testing and provision of CPT, ART and IPT, 2005–2009

	% OF TB PATIENTS WITH KNOWN HIV STATUS 2005–2009	YEAR	% OF TB PATIENTS WITH KNOWN HIV STATUS	NUMBER OF TB PATIENTS WITH KNOWN HIV STATUS	PATIENTS NOTIFIED (NEW AND RETREAT) ^a	NUMBER OF HIV-POSITIVE TB PATIENTS	% OF TESTED TB PATIENTS HIV-POSITIVE	% OF HIV-POSITIVE TB PATIENTS ON CPT	% OF HIV-POSITIVE TB PATIENTS ON ART	NUMBER OF HIV-POSITIVE PEOPLE PROVIDED IPT
Bangladesh	0	2005	0	0	123 118	–	–	–	–	–
		2006	–	–	145 186	–	–	–	–	–
		2007	–	–	147 342	–	–	–	–	–
Bhutan	25	2008	0	37	153 915	37	100	57	59	–
		2009	0	662	160 875	36	5	97	100	–
		2005	25	250	1 018	1	0	0	0	–
Democratic People's Republic of Korea	–	2006	0	0	934	–	–	–	–	–
		2007	0	0	1 008	0	–	–	–	0
		2008	0	0	985	0	–	–	–	0
India	2	2009	–	–	1 150	–	–	–	–	–
		2005	2	29 488	1 304 828	6 411	22	–	–	–
		2006	4	59 654	1 397 965	8 785	15	–	–	–
Indonesia	17	2007	5	80 425	1 475 629	9 324	12	8	2	–
		2008	2	34 225	1 517 338	6 039	18	68	41	0
		2009	17	258 037	1 533 308	31 058	12	–	–	–
Maldives	–	2005	–	–	254 601	–	–	–	–	–
		2006	0	243	277 589	151	62	–	–	–
		2007	0	288	275 660	146	51	–	–	0
Myanmar	2	2008	0	367	298 329	107	29	–	–	–
		2009	1	2 782	294 731	479	17	–	42	0
		2005	–	–	123	–	–	–	–	–
Nepal	3	2006	–	–	100	–	–	–	–	–
		2007	–	–	129	–	–	–	–	–
		2008	–	–	122	–	–	–	–	–
Sri Lanka	19	2009	–	–	104	–	–	–	–	–
		2005	2	2 109	107 991	611	29	50	31	0
		2006	2	2 626	126 445	5 552	211	12	5	–
Thailand	76	2007	2	2 825	133 547	5 502	195	15	12	–
		2008	3	4 292	128 738	4 200	98	26	28	–
		2009	3	4 174	133 502	1 015	24	97	67	333
Timor-Leste	0	2005	–	–	34 077	–	–	–	–	–
		2006	0	0	33 207	–	–	–	–	0
		2007	0	0	33 439	0	–	–	–	0
Sri Lanka	–	2008	–	–	33 419	–	–	–	–	–
		2009	–	–	35 407	–	–	–	–	–
		2005	–	–	9 695	2	–	0	0	–
Sri Lanka	–	2006	4	343	8 946	1	0	500	500	–
		2007	6	590	9 155	2	0	400	400	1
		2008	1	123	9 614	–	–	–	–	2
Thailand	–	2009	19	1 897	9 788	0	0	–	–	5
		2005	–	–	57 895	–	–	–	–	–
		2006	45	26 552	58 828	7 141	27	64	32	444
Timor-Leste	0	2007	101	55 190	54 793	7 615	14	67	32	–
		2008	78	45 000	57 492	8 215	18	69	39	206
		2009	76	49 955	65 940	8 202	16	72	51	127
Timor-Leste	0	2005	0	0	3 783	–	–	–	–	–
		2006	–	–	3 596	–	–	–	–	0
		2007	–	–	3 270	4	–	100	–	–
Timor-Leste	0	2008	0	1	3 297	1	100	100	100	0
		2009	2	108	4 759	0	0	–	–	2

^a Data presented as of 31 August 2010. Notification data for European Union countries were not available.

TABLE A2.7 Testing for MDR-TB and number of confirmed cases of MDR-TB, 2005–2009

YEAR	TOTAL CONFIRMED CASES OF MDR-TB ^a	NEW CASES			PREVIOUSLY TREATED CASES					
		NOTIFIED	NUMBER OF NOTIFIED TESTED FOR MDR-TB	% OF NOTIFIED TESTED FOR MDR-TB	NUMBER OF CONFIRMED CASES OF MDR-TB	NOTIFIED	NUMBER OF NOTIFIED TESTED FOR MDR-TB	% OF NOTIFIED TESTED FOR MDR-TB	NUMBER OF CONFIRMED CASES OF MDR-TB	
Bangladesh	2005		119 242	0	0		3 876	0	0	0
	2006		140 968		–		4 218		–	
	2007		143 554		–		3 788		–	
	2008	147	146 924	0	0	0	6 991	510	7	147
2009		156 776		–		4 099		–		
Bhutan	2005	2	967	2	0	2	51	3	6	0
	2006	0	876	0	0	0	58	0	0	0
	2007	0	954	0	0	0	54	0	0	0
	2008	7	915	7	1	7	70	0	0	0
2009	8	1 074	7	1	3	76	8	11	4	
Democratic People's Republic of Korea	2005		41 358		–		9 116		–	
	2006		43 057		–		8 820		–	
	2007		56 943		–		11 234		–	
	2008	0	70 384	0	0	0	14 170	0	0	0
2009		74 089		–		14 576		–		
India	2005	34	1 081 175		–		223 653		–	
	2006	33	1 138 922		–		259 043		–	33
	2007	146	1 199 087	0	0	0	276 542	414	0	146
	2008	308	1 228 053	0	0	0	289 285	1 511	1	308
2009	1 660	1 243 552		–		289 756	3 454	1	1 660	
Indonesia	2005		250 155		–		4 446		–	
	2006	59	273 362		–		4 227		–	
	2007		271 278		–		4 382		–	
	2008	446	292 899		–		5 430		–	
2009		289 044		–		5 687		–		
Maldives	2005	0	118	0	0	0	5	0	0	0
	2006	1	95	1	1	1	5	4	80	4
	2007	1	126	2	2	1	3	0	0	0
	2008	3	120		–		2		–	
2009		99		–		5		–		
Myanmar	2005		102 394	0	0	0	5 597		–	
	2006	666	117 477		–		8 968	844	9	652
	2007	600	124 416		–		9 131		–	
	2008	508	119 729		–		9 009	680	8	508
2009	815	123 785		–		9 717	962	10	815	
Nepal	2005		31 104		–		2 973		–	
	2006	0	30 287	0	0	0	2 920	0	0	0
	2007	163	30 691	721	2	29	2 748	473	17	134
	2008	76	30 465	136	0	12	2 954	300	10	54
2009	69	32 290	130	0	7	3 117	220	7	51	
Sri Lanka	2005	32	8 983	659	7	7	510	417	82	25
	2006	16	8 283	613	7	3	435	336	77	13
	2007	8	8 497	926	11	1	438	388	89	7
	2008	8	9 088	759	8	3	394	323	82	5
2009	4	9 118	813	9	0	409	419	102	4	
Thailand	2005		56 100		–		1 795		–	
	2006		54 488		–		3 179		–	
	2007		53 128		–		1 665		–	
	2008	358	53 536		–		3 956		–	
2009		62 011		–		3 929		–		
Timor-Leste	2005	0	3 731	0	0	0	52	0	0	0
	2006		3 554		–		42		–	
	2007		3 226		–		44		–	
	2008	3	3 262	0	0	0	35	9	26	0
2009	4	4 707	0	0	0	52	6	12	4	

^a TOTAL CONFIRMED CASES OF MDR-TB includes cases with unknown previous treatment history (i.e. not included under NEW CASES or PREVIOUSLY TREATED CASES).

TABLE A2.8 New smear-positive case notification by age and sex, 1995–2009

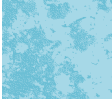
YEAR	MALE								FEMALE								MALE/FEMALE RATIO	
	0–14	15–24	25–34	35–44	45–54	55–64	65+	UN-KNOWN	0–14	15–24	25–34	35–44	45–54	55–64	65+	UN-KNOWN		
Bangladesh	1995	29	505	983	1 001	748	648	424		64	309	546	360	236	132	38		2.6
	2000	256	3 640	5 643	5 750	4 718	3 667	2 837		495	3 029	3 238	2 247	1 315	778	370		2.3
	2005	524	8 170	10 443	11 423	11 038	8 476	7 453		751	6 776	6 785	5 538	3 960	2 281	1 230		2.1
	2009																	–
Bhutan	1995	2	42	65	36	35	24	11		12	43	44	25	12	9	8		1.4
	2000	6	65	41	30	24	12	2		7	57	34	31	23	3	2		1.1
	2005	1	47	58	26	23	14	12		9	45	38	13	11	9	2		1.4
	2009	10	74	53	19	19	21	24	0	22	92	44	27	12	9	8	0	1.0
Democratic People's Republic of Korea	1995																	–
	2000	293	928	1 508	2 927	2 519	1 167	651		167	683	1 121	2 004	1 524	591	357		1.6
	2005	167	1 409	2 422	2 688	2 040	1 185	485		166	1 127	1 756	1 890	1 381	764	336		1.4
	2009	364	2 359	3 607	4 211	3 927	2 879	1 061		474	1 408	2 067	2 660	2 370	1 479	500		1.7
India	1995	16	334	391	287	216	123	68		32	179	169	80	49	30	11		2.6
	2000	1 588	20 963	31 090	30 829	24 230	15 308	8 534		2 250	14 495	17 287	11 768	7 516	4 594	2 697		2.2
	2005	3 185	62 620	74 678	76 870	64 843	43 038	24 726		6 292	45 136	45 629	28 577	17 042	10 513	5 408		2.2
	2009	5 001	78 177	84 003	90 830	80 097	59 163	37 419		8 576	51 945	49 747	33 754	22 032	14 929	8 944		2.3
Indonesia	1995	6	203	297	306	302	228	109		16	160	244	282	192	90	33		1.4
	2000																	–
	2005	846	15 215	20 906	18 401	17 847	13 509	6 390		946	13 916	16 393	13 022	10 927	7 539	2 783		1.4
	2009	811	15 721	23 011	19 523	19 026	15 091	6 755		1 054	14 039	16 914	13 481	12 087	8 558	3 142		1.4
Maldives	1995	1	28	11	10	8	10	6		1	13	8	4	6	6	2		1.9
	2000	0	9	10	2	5	5	3		0	11	4	5	4	5	2		1.1
	2005	0	9	8	5	6	6	5		1	10	7	1	2	2	4		1.4
	2009		16	5	1	4		5			4	4	2	2	2			2.2
Myanmar	1995	42	713	1 423	1 401	977	677	298		58	535	729	729	450	343	154		1.8
	2000	88	1 459	2 636	2 781	2 161	1 235	836		72	1 040	1 592	1 397	987	592	378		1.8
	2005	132	3 401	5 877	5 888	4 585	2 557	1 764		147	2 376	3 047	2 563	2 101	1 218	885		2.0
	2009	127	3 259	6 371	6 633	5 319	3 435	2 248		165	2 559	3 298	2 745	2 463	1 679	1 100		2.0
Nepal	1995																	–
	2000	170	1 904	1 763	1 713	1 491	1 294	772		176	1 267	1 078	833	575	419	228		2.0
	2005	148	1 946	1 685	1 722	1 806	1 759	820		195	1 208	1 111	797	658	532	230		2.1
	2009	149	1 991	1 864	1 761	1 897	1 871	1 067		181	1 223	1 022	845	675	579	317		2.2
Sri Lanka	1995	10	163	361	519	521	365	261		15	207	206	142	122	81	56		2.7
	2000	25	266	459	695	793	484	360		23	312	264	176	202	144	113		2.5
	2005	9	341	520	724	918	657	424		19	295	261	189	200	154	130		2.9
	2009	10	328	576	703	860	689	414		24	244	241	172	186	163	144		3.0
Thailand	1995	59	1 191	2 936	2 948	2 434	2 607	2 346		52	741	888	782	936	1 175	1 178		2.5
	2000	27	859	2 570	2 380	2 117	1 908	2 213		32	624	1 035	780	873	1 016	1 321		2.1
	2005	44	1 344	3 814	4 393	4 003	2 831	3 407		57	907	1 662	1 334	1 367	1 259	1 938		2.3
	2009	43	1 348	3 484	4 692	4 921	3 597	4 282		80	1 137	2 032	1 781	1 633	1 493	2 287		2.1
Timor-Leste	1995																	–
	2000																	–
	2005	8	136	149	116	119	52	47		8	127	90	76	60	18	29		1.5
	2009	8	158	120	94	88	75	106	0	9	124	127	105	69	63	60	0	1.2

^a Data presented as of 31 August 2010. Notification data for countries that are members of the European Union were not available.

TABLE A2.9 Laboratories, NTP services, drug management, human resources and infection control, 2009

	LABORATORIES			FREE THROUGH NTP			DRUG MANAGEMENT			% OF STAFF TRAINED BY THE NTP (IN 2009) ^b					TB NOTIFICATION RATE PER 100 000 HEALTH-CARE WORKERS
	SMAR/LABS PER 100K POPULATION	CULTURE/LABS PER 5M POPULATION	DST/LABS PER 10M POPULATION	SECOND-LINE AVAILABLE	NRL ^a	TB DIAGNOSIS	FIRST-LINE DRUGS	RIEAMPICIN/USED THROUGHOUT TREATMENT	% OF PATIENTS TREATED WITH FDC ^c	PAEDIATRIC FORMULATIONS PROCURED	MEDICAL OFFICERS	NURSES	HEALTH ASSISTANTS	LABORATORY TECHNICIANS	
Bangladesh	0.6	<0.1	<0.1	No In and out of city	Yes	Yes, all suspects If TB is confirmed	Yes	Yes	100	Yes	85	90	90	90	30
Democratic People's Republic of Korea	1.2			No	Yes	Yes, all suspects	Yes	Yes	100	No	50	0	0	0	
India	1.1	<0.1	0.1	No	Yes	Yes, all suspects	Yes	Yes	100	Yes	7	5	5	5	
Indonesia	4.2	0.9	0.2	In country	No	Yes, all suspects	Yes	Yes	100	Yes	24	46	0	48	
Maldives	22.8	18.2	0	Out of country	Yes	If TB is confirmed	Yes	Yes	99	No	0	0	0	0	
Myanmar	0.8	0.2	0.4	No	Yes	Yes, all suspects	Yes	Yes	100	Yes	76	89	91	7.9	
Nepal	1.6	0.3	0.7	In country	Yes	Yes, all suspects	Yes	Yes	100	Yes	16	4	24	26	
Sri Lanka	0.8	0.2	0.5	Out of country	Yes	Yes, all suspects	Yes	Yes	100	Yes	16	4	24	26	
Thailand	1.6	4.7	2.2	In and out of city	Yes	Yes, all suspects	Yes	Yes	100	Yes	72	66	66	97	
Timor-Leste	1.7	0	0	Out of country	Yes	Yes, all suspects	Yes	No	100	No	0	0	0	0	

a NRL = national reference laboratory
 b FDC = fixed-dose combination
 c NURSES (Registered Nurses, Enrolled Nurses, Enrolled Midwives); HEALTH ASSISTANTS (Medical Assistants, Clinical Officers); LABORATORY TECHNICIANS (Microscopists)



Western Pacific Region



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Estimates of mortality, prevalence and incidence

Estimated values are shown as best estimates followed by lower and upper bounds. The lower and upper bounds are defined as the 2.5th and 97.5th centiles of outcome distributions produced in simulations. See ANNEX 1 for further details.

Estimated numbers are shown rounded to two significant figures. Estimated rates are shown rounded to three significant figures unless the value is under 100, in which case rates are shown rounded to two significant figures.

Estimates for all years are recalculated as new information becomes available and techniques are refined, so they may differ from those published in previous reports in this series. Estimates published in previous global TB control reports should no longer be used.

Graphs

Graphs where displayed show data from all years within the range stated.

Data source

Data shown in this annex are taken from the WHO global TB database on 31 August 2010. Data shown in the main part of the report were taken from the database on 17 June 2010. As a result, data in this annex may differ slightly from those in the main part of the report.

Data can be downloaded from www.who.int/tb/data.

Country notes

China

China completed a survey of the prevalence of TB disease in 2010. A reassessment of the epidemiological burden of TB will be undertaken following finalization and dissemination of survey results.

Papua New Guinea

Estimates of incidence, prevalence and mortality as well as the case detection rate are provisional, pending an in-depth and up-to-date analysis of surveillance and programmatic data with the NTP.

TABLE A2.1 Estimates of the burden of disease caused by TB, 1990–2009

YEAR	POPULATION (MILLIONS)	MORTALITY (EXCLUDING HIV)		PREVALENCE (INCLUDING HIV)		INCIDENCE (INCLUDING HIV)		
		NUMBER (THOUSANDS)	RATE ^a	NUMBER (THOUSANDS)	RATE	NUMBER (THOUSANDS)	RATE	
American Samoa	1990	<1	<0.01 (<0.01–0.01)	3.7 (1.9–6.2)	0.017 (<0.01–0.03)	35 (14–63)	0.01 (<0.01–0.015)	21 (19–31)
	1995	<1	<0.01 (<0.01–0.01)	2.8 (2–3.7)	0.012 (<0.01–0.019)	22 (10–36)	<0.01 (<0.01–0.01)	11 (8.8–13)
	2000	<1	<0.01 (<0.01–0.01)	<1 (<1–1)	<0.01 (<0.01–0.01)	6.5 (1.4–11)	<0.01 (<0.01–0.01)	5.8 (5.2–7)
	2005	<1	<0.01 (<0.01–0.01)	1.2 (<1–1.8)	<0.01 (<0.01–0.016)	15 (5.9–25)	<0.01 (<0.01–0.01)	10 (9.6–12)
	2006	<1	<0.01 (<0.01–0.01)	<1 (<1–1)	<0.01 (<0.01–0.01)	7.5 (1.7–13)	<0.01 (<0.01–0.01)	6.8 (6.3–8.1)
	2007	<1	<0.01 (<0.01–0.01)	<1 (<1–1)	<0.01 (<0.01–0.01)	5.6 (1.3–10)	<0.01 (<0.01–0.01)	5 (4.6–6)
	2008	<1	<0.01 (<0.01–0.01)	<1 (<1–1)	<0.01 (<0.01–0.01)	<1 (<1–1)	<0.01 (<0.01–0.01)	3.3 (2.6–3.9)
	2009	<1	<0.01 (<0.01–0.01)	<1 (<1–1)	<0.01 (<0.01–0.01)	5.8 (1.3–10)	<0.01 (<0.01–0.01)	2 (1.6–2.5)
Australia	1990	17	0.045 (0.032–0.065)	<1 (<1–1)	1.8 (0.67–3.1)	10 (3.9–18)	1.3 (1–1.5)	7.4 (5.9–8.9)
	1995	18	0.039 (0.031–0.052)	<1 (<1–1)	1.6 (0.53–2.7)	8.7 (2.9–15)	1.2 (1.1–1.4)	6.8 (5.9–7.7)
	2000	19	0.025 (0.032–0.039)	<1 (<1–1)	1.5 (0.53–2.6)	8 (2.8–14)	1.2 (1–1.4)	6.3 (5.4–7.1)
	2005	20	0.036 (0.029–0.047)	<1 (<1–1)	1.5 (0.46–2.5)	7.2 (2.2–12)	1.2 (1–1.4)	5.9 (5.1–6.7)
	2006	21	0.047 (0.043–0.052)	<1 (<1–1)	1.8 (0.65–2.9)	8.5 (3.1–14)	1.3 (1.2–1.5)	6.5 (5.6–7.3)
	2007	21	0.038 (0.031–0.05)	<1 (<1–1)	1.6 (0.48–2.7)	7.5 (2.3–13)	1.3 (1.1–1.4)	6.1 (5.3–7)
	2008	21	0.045 (0.035–0.059)	<1 (<1–1)	1.8 (0.64–3.1)	8.6 (3–15)	1.4 (1.2–1.6)	6.6 (5.8–7.5)
	2009	21	0.041 (0.033–0.054)	<1 (<1–1)	1.7 (0.53–2.9)	7.9 (2.5–14)	1.4 (1.2–1.6)	6.4 (5.7–7.4)
Brunei Darussalam	1990	<1	<0.01 (<0.01–0.01)	2.1 (1.6–3)	0.22 (0.067–0.4)	87 (26–154)	0.18 (0.14–0.21)	70 (56–83)
	1995	<1	<0.01 (<0.01–0.01)	1.2 (1.1–1.2)	0.15 (0.033–0.27)	51 (11–90)	<0.01 (<0.01–0.01)	<1 (<1–1)
	2000	<1	0.016 (0.014–0.017)	4.7 (4.2–5.2)	0.51 (0.21–0.84)	152 (62–252)	0.35 (0.31–0.4)	106 (92–120)
	2005	<1	<0.01 (<0.01–0.01)	1.4 (1.2–1.8)	0.22 (0.055–0.37)	58 (15–101)	0.19 (0.16–0.21)	51 (44–57)
	2006	<1	<0.01 (<0.01–0.01)	2 (1.6–2.7)	0.31 (0.12–0.53)	83 (31–140)	0.23 (0.2–0.26)	62 (54–70)
	2007	<1	<0.01 (<0.01–0.01)	1.9 (1.5–2.5)	0.3 (0.095–0.52)	78 (25–134)	0.24 (0.21–0.27)	62 (54–70)
	2008	<1	<0.01 (<0.01–0.01)	2.1 (1.6–2.8)	0.33 (0.11–0.57)	85 (29–145)	0.26 (0.22–0.29)	65 (57–74)
	2009	<1	<0.01 (<0.01–0.01)	1.9 (1.5–2.6)	0.32 (0.098–0.55)	80 (25–138)	0.25 (0.23–0.3)	64 (57–74)
Cambodia	1990	10	17 (11–24)	175 (116–245)	120 (51–220)	1252 (531–2229)	56 (38–76)	574 (395–783)
	1995	11	15 (11–21)	136 (98–181)	120 (53–200)	1023 (465–1728)	60 (46–76)	529 (407–666)
	2000	13	15 (12–19)	118 (91–148)	120 (55–190)	911 (431–1478)	63 (52–74)	492 (408–583)
	2005	14	11 (8.6–15)	83 (62–106)	100 (49–170)	752 (351–1198)	64 (55–73)	461 (397–530)
	2006	14	11 (8.3–14)	79 (59–102)	100 (48–160)	732 (342–1164)	64 (55–74)	456 (393–524)
	2007	14	11 (8–14)	76 (56–101)	100 (48–160)	719 (332–1147)	65 (55–74)	451 (387–519)
	2008	15	11 (7.6–14)	72 (52–96)	100 (47–160)	697 (324–1112)	65 (56–75)	446 (383–515)
	2009	15	10 (7.4–14)	71 (50–95)	100 (47–170)	693 (314–1115)	65 (56–76)	442 (376–511)
China	1990	1 142	430 (310–570)	38 (27–50)	3200 (1400–5400)	280 (126–476)	1500 (1100–1900)	130 (98–165)
	1995	1 211	370 (270–490)	30 (22–40)	2900 (1300–4800)	237 (109–393)	1400 (1100–1700)	117 (92–144)
	2000	1 267	350 (260–440)	27 (21–35)	2700 (1300–4400)	214 (99–351)	1300 (1100–1600)	107 (87–128)
	2005	1 312	190 (130–270)	15 (9.7–21)	2000 (880–3300)	154 (67–252)	1300 (1100–1500)	99 (84–116)
	2006	1 321	170 (110–250)	13 (8.1–19)	1900 (800–3200)	145 (60–240)	1300 (1100–1500)	98 (84–114)
	2007	1 329	160 (100–230)	12 (7.6–18)	1900 (770–3100)	141 (58–232)	1300 (1100–1500)	98 (84–112)
	2008	1 337	160 (100–230)	12 (7.5–17)	1900 (750–3100)	139 (56–228)	1300 (1100–1500)	97 (84–111)
	2009	1 346	150 (100–220)	11 (7.4–17)	1800 (700–3000)	137 (56–225)	1300 (1100–1500)	96 (83–109)
China, Hong Kong SAR	1990	6	0.5 (0.35–0.73)	8.8 (6.2–13)	11 (4.1–20)	201 (72–354)	8.1 (6.5–9.8)	143 (114–171)
	1995	6	0.38 (0.31–0.51)	6.1 (4.9–8.2)	9 (2.8–15)	144 (46–248)	7.1 (6.2–8.1)	115 (100–130)
	2000	7	0.37 (0.3–0.49)	5.5 (4.5–7.4)	8.7 (2.8–15)	131 (42–224)	6.9 (6–7.8)	104 (90–117)
	2005	7	0.36 (0.28–0.47)	5.2 (4.1–6.9)	8.4 (2.8–14)	122 (41–207)	6.5 (5.7–7.4)	95 (82–107)
	2006	7	0.35 (0.28–0.47)	5 (4–6.7)	8.1 (2.7–14)	118 (40–201)	6.4 (5.5–7.2)	92 (80–104)
	2007	7	0.33 (0.26–0.44)	4.7 (3.8–6.3)	7.7 (2.4–13)	111 (35–190)	6.2 (5.4–7)	89 (77–100)
	2008	7	0.36 (0.29–0.47)	5.2 (4.1–6.8)	8.4 (3–14)	121 (43–204)	6.4 (5.5–7.2)	91 (79–103)
	2009	7	0.29 (0.24–0.38)	4.1 (3.5–5.4)	6.9 (2–12)	98 (28–169)	5.8 (5.2–6.7)	82 (73–96)
China, Macao SAR	1990	<1	0.027 (0.019–0.039)	7.1 (5–10)	0.61 (0.22–1.1)	163 (59–287)	0.43 (0.34–0.51)	115 (92–138)
	1995	<1	0.022 (0.021–0.023)	5.3 (5–5.5)	0.53 (0.12–0.94)	129 (29–229)	0.46 (0.37–0.52)	112 (98–127)
	2000	<1	0.028 (0.022–0.037)	6.3 (5.1–8.5)	0.66 (0.21–1.1)	149 (49–256)	0.52 (0.45–0.58)	117 (102–132)
	2005	<1	0.023 (0.018–0.03)	4.7 (3.7–6.2)	0.54 (0.19–0.91)	110 (39–186)	0.41 (0.36–0.46)	84 (73–95)
	2006	<1	0.025 (0.019–0.032)	4.9 (3.9–6.4)	0.57 (0.21–0.96)	114 (41–191)	0.43 (0.37–0.49)	86 (75–97)
	2007	<1	0.02 (0.017–0.026)	3.9 (3.2–5.1)	0.48 (0.15–0.82)	94 (28–160)	0.39 (0.34–0.44)	77 (67–87)
	2008	<1	0.024 (0.019–0.031)	4.6 (3.6–5.9)	0.56 (0.21–0.93)	106 (40–177)	0.41 (0.36–0.47)	78 (68–89)
	2009	<1	0.016 (0.015–0.021)	3 (2.7–3.9)	0.39 (0.092–0.68)	72 (17–126)	0.34 (0.31–0.4)	64 (57–74)
Cook Islands	1990	<1	<0.01 (<0.01–0.01)	<1 (<1–1)	<0.01 (<0.01–0.01)	3.1 (<1–5.5)	<0.01 (<0.01–0.01)	<1 (<1–1)
	1995	<1	<0.01 (<0.01–0.01)	<1 (<1–1)	<0.01 (<0.01–0.01)	14 (3.1–25)	<0.01 (<0.01–0.01)	12 (11–15)
	2000	<1	<0.01 (<0.01–0.01)	<1 (<1–1)	<0.01 (<0.01–0.01)	13 (2.8–22)	<0.01 (<0.01–0.01)	7 (5.7–8.3)
	2005	<1	<0.01 (<0.01–0.01)	1.2 (<1–1.9)	<0.01 (<0.01–0.01)	13 (5.2–21)	<0.01 (<0.01–0.01)	7.9 (6.4–9.5)
	2006	<1	<0.01 (<0.01–0.01)	1.3 (<1–2)	<0.01 (<0.01–0.01)	13 (5.6–22)	<0.01 (<0.01–0.01)	8.1 (6.5–9.8)
	2007	<1	<0.01 (<0.01–0.01)	3.2 (2.1–4.4)	<0.01 (<0.01–0.01)	28 (12–46)	<0.01 (<0.01–0.01)	15 (12–18)
	2008	<1	<0.01 (<0.01–0.01)	3.4 (2.2–4.6)	0.019 (<0.01–0.033)	95 (21–168)	<0.01 (<0.01–0.01)	20 (16–24)
	2009	<1	<0.01 (<0.01–0.01)	3.4 (2.2–4.6)	0.019 (<0.01–0.033)	94 (21–168)	<0.01 (<0.01–0.01)	27 (22–33)
Fiji	1990	<1	0.058 (0.02–0.12)	8 (2.7–17)	0.58 (0.2–1.2)	81 (27–163)	0.37 (0.23–0.53)	51 (31–73)
	1995	<1	0.041 (0.023–0.065)	5.4 (3–8.5)	0.45 (0.18–0.77)	59 (24–100)	0.3 (0.24–0.36)	31 (31–47)
	2000	<1	0.031 (0.017–0.051)	3.9 (2.2–6.4)	0.36 (0.14–0.61)	44 (17–76)	0.24 (0.19–0.29)	30 (24–36)
	2005	<1	0.028 (0.017–0.044)	3.4 (2–5.3)	0.3 (0.12–0.5)	36 (15–61)	0.19 (0.15–0.23)	23 (18–28)
	2006	<1	0.029 (0.018–0.043)	3.5 (2.2–5.2)	0.29 (0.13–0.49)	35 (15–59)	0.18 (0.15–0.22)	22 (17–26)
	2007	<1	0.029 (0.019–0.043)	3.5 (2.2–5.1)	0.28 (0.12–0.47)	34 (15–57)	0.17 (0.14–0.21)	21 (17–25)
	2008	<1	0.023 (0.013–0.036)	2.7 (1.6–4.3)	0.25 (0.1–0.42)	30 (12–50)	0.17 (0.13–0.2)	20 (16–24)
	2009	<1	0.017 (<0.01–0.03)	2 (1–3.6)	0.22 (0.079–0.38)	26 (9–45)	0.16 (0.13–0.19)	19 (15–22)
French Polynesia	1990	<1	<0.01 (<0.01–0.01)	2.5 (1.7–3.5)	0.11 (0.043–0.19)	56 (22–97)	0.074 (0.059–0.089)	38 (30–45)
	1995	<1	<0.01 (<0.01–0.01)	1.8 (1.7–1.9)	0.096 (0.021–0.17)	44 (9.9–79)	<0.01 (<0.01–0.01)	<1 (<1–1)
	2000	<1	<0.01 (<0.01–0.01)	1.4 (1.3–1.4)	0.08 (0.018–0.14)	34 (7.5–60)	0.071 (0.062–0.081)	30 (26–34)
	2005	<1	<0.01 (<0.01–0.01)	1.5 (1.2–2)	0.092 (0.029–0.16)	36 (12–62)	0.072 (0.063–0.082)	28 (25–32)
	2006	<1	<0.01 (<0.01–0.01)	1.8 (1.4–2.3)	0.11 (0.039–0.18)	41 (15–69)	0.079 (0.069–0.09)	31 (27–35)
	2007	<1	<0.01 (<0.01–0.01)	1.6 (1.3–2.1)	0.098 (0.036–0.17)	38 (14–63)	0.074 (0.064–0.083)	28 (24–32)
	2008	<1	<0.01 (<0.01–0.01)	1 (1–1.3)	0.066 (0.016–0.11)	25 (6.1–43)	0.058 (0.05–0.065)	22 (19–24)
	2009	<1	<0.01 (<0.01–0.01)	1.2 (<1–1.6)	0.076 (0.024–0.13)	28 (9.1–48)	0.059 (0.053–0.069)	22 (20–26)
Guam	1990	<1	<0.01 (<0.01–0.01)	3.4 (3.2–3.5)	0.11 (0.025–0.2)	82 (18–147)	<0.01 (<0.01–0.01)	<1 (<1–1)
	1995	<1	<0.01 (<0.01–0.01)	3.1 (2.9–3.2)	0.11 (0.024–0.19)	75 (17–133)	<0.01 (<0.01–0.01)	<1 (<1–1)
	2000	<1	<0.01 (<0.01–0.01)	2 (1.7–2.7)	0.075 (0.021–0.13)	48 (14–83)	0.062 (0.054–0.07)	40 (35–45)
	2005	<1	<0.01 (<0.01–0.01)	2.8 (2.2–3.6)	0.11 (0.045–0.18)	64 (27–104)	0.072 (0.063–0.082)	43 (37–49)
	2006	<1	<0.01 (<0.01–0.01)	1.4 (1.3–1.5)	0.059 (0.013–0.1)	34 (7.6–61)	0.051 (0.044–0.057)	30 (26–33)
	2007	<1	<0.01 (<0.01–0.01)	1.6 (1.5–1.7)	0.068 (0.015–0.12)	39 (8.7–70)	0.061 (0.053–0.069)	35 (31–40)
	2008	<1	<0.01 (<0.01–0.01)	3.4 (2.7–4.5)	0.14 (0.054–0.23)	80 (3		

TABLE A2.1 Estimates of the burden of disease caused by TB, 1990–2009

YEAR	POPULATION (MILLIONS)	MORTALITY (EXCLUDING HIV)		PREVALENCE (INCLUDING HIV)		INCIDENCE (INCLUDING HIV)		
		NUMBER (THOUSANDS)	RATE ^a	NUMBER (THOUSANDS)	RATE	NUMBER (THOUSANDS)	RATE	
Lao People's Democratic Republic	1990	4	0.75 (0.4–1.2)	18 (9.6–29)	6.6 (2.8–12)	158 (66–286)	3.7 (2.6–5)	88 (62–118)
	1995	5	1.2 (0.79–1.6)	24 (16–33)	8.7 (3.9–15)	181 (81–313)	4.1 (3.1–5.3)	86 (64–111)
	2000	5	0.93 (0.59–1.4)	17 (11–25)	8.2 (3.6–14)	152 (67–259)	4.6 (3.6–5.8)	85 (66–107)
	2005	6	0.88 (0.37–1.1)	12 (6.4–19)	7.6 (3–13)	129 (51–222)	5.1 (4.1–6.2)	87 (69–106)
	2006	6	0.83 (0.34–1.1)	11 (5.6–18)	7.5 (2.9–13)	126 (48–218)	5.2 (4.2–6.3)	87 (70–106)
	2007	6	0.95 (0.35–1.1)	11 (5.7–18)	7.7 (3–13)	126 (49–217)	5.3 (4.3–6.5)	88 (71–109)
	2008	6	0.71 (0.4–1.1)	11 (6.5–18)	8 (3.3–14)	129 (53–220)	5.5 (4.4–6.6)	88 (72–107)
	2009	6	0.74 (0.42–1.2)	12 (6.7–19)	8.3 (3.4–14)	131 (54–221)	5.6 (4.6–6.8)	89 (72–107)
	Malaysia	1990	18	4.7 (3.8–5.8)	26 (21–32)	41 (19–85)	227 (107–356)	23 (20–26)
1995		21	4 (3.2–4.9)	19 (16–24)	37 (17–58)	179 (84–280)	22 (20–25)	108 (97–120)
2000		23	3 (2.3–3.8)	13 (9.7–16)	32 (14–50)	137 (62–216)	22 (20–24)	95 (86–104)
2005		26	2.8 (2.1–3.5)	11 (8.4–14)	31 (14–49)	121 (55–190)	22 (20–24)	86 (78–94)
2006		26	2.7 (2.1–3.4)	10 (8–13)	31 (14–49)	118 (52–187)	22 (20–24)	85 (77–93)
2007		27	2.5 (1.9–3.2)	9.6 (7.3–12)	30 (13–48)	114 (50–180)	22 (20–24)	84 (77–92)
2008		27	2.5 (1.8–3.2)	9.1 (6.8–12)	30 (13–47)	111 (48–176)	22 (21–25)	83 (76–91)
2009		27	2.4 (1.8–3.1)	8.8 (6.5–11)	30 (13–48)	110 (47–175)	23 (21–25)	83 (75–90)
Marshall Islands		1990	<1	0.053 (0.032–0.079)	111 (67–167)	0.36 (0.13–0.68)	755 (275–1445)	0.14 (0.079–0.21)
	1995	<1	0.031 (0.022–0.043)	61 (43–84)	0.26 (0.12–0.43)	515 (235–851)	0.14 (0.11–0.17)	274 (219–328)
	2000	<1	0.033 (0.025–0.044)	64 (47–84)	0.26 (0.12–0.43)	501 (231–828)	0.13 (0.1–0.15)	248 (198–297)
	2005	<1	<0.01 (<0.01–0.015)	12 (6.4–26)	0.15 (0.036–0.26)	259 (63–460)	0.13 (0.11–0.15)	224 (196–269)
	2006	<1	<0.01 (<0.01–0.01)	9.3 (6.1–12)	0.15 (0.033–0.26)	256 (57–456)	0.13 (0.1–0.15)	220 (176–263)
	2007	<1	<0.01 (<0.01–0.01)	9.5 (6.2–13)	0.15 (0.034–0.27)	259 (58–463)	0.13 (0.1–0.15)	215 (172–258)
	2008	<1	<0.01 (<0.01–0.01)	9.2 (6.1–12)	0.15 (0.034–0.27)	254 (56–450)	0.13 (0.13–0.15)	211 (206–253)
	2009	<1	<0.01 (<0.01–0.01)	8.4 (5.5–11)	0.14 (0.033–0.25)	233 (53–410)	0.13 (0.11–0.14)	207 (184–230)
	Micronesia (Federated States of)	1990	<1	0.014 (<0.01–0.019)	15 (9.7–20)	0.39 (0.087–0.69)	405 (90–719)	0.18 (0.1–0.26)
1995		<1	<0.01 (<0.01–0.02)	8.9 (4.7–19)	0.19 (0.049–0.35)	182 (46–324)	0.17 (0.13–0.2)	156 (124–186)
2000		<1	0.018 (0.01–0.03)	17 (9.4–28)	0.21 (0.082–0.35)	192 (76–330)	0.14 (0.11–0.16)	128 (102–153)
2005		<1	<0.01 (<0.01–0.015)	6.7 (3.4–14)	0.14 (0.037–0.24)	126 (34–223)	0.11 (0.098–0.14)	105 (90–126)
2006		<1	<0.01 (<0.01–0.01)	4.1 (2.7–5.5)	0.12 (0.028–0.22)	113 (25–201)	0.11 (0.1–0.13)	101 (95–121)
2007		<1	<0.01 (<0.01–0.01)	4.9 (3.2–6.6)	0.15 (0.033–0.26)	135 (30–240)	0.11 (0.086–0.13)	97 (78–117)
2008		<1	<0.01 (<0.01–0.01)	5.4 (3.6–7.3)	0.16 (0.037–0.29)	149 (34–265)	0.1 (0.082–0.12)	93 (75–112)
2009		<1	<0.01 (<0.01–0.01)	5.6 (3.7–7.6)	0.17 (0.038–0.31)	155 (35–276)	0.099 (0.081–0.12)	90 (73–108)
Mongolia		1990	2	0.62 (0.51–0.75)	28 (23–34)	20 (9.2–33)	907 (415–1469)	9 (7.6–10)
	1995	2	0.38 (0.31–0.46)	17 (13–20)	14 (6.5–22)	608 (287–959)	7.1 (6.2–8.1)	314 (272–358)
	2000	2	0.26 (0.21–0.31)	11 (8.6–13)	10 (4.9–16)	439 (203–688)	6.1 (5.4–6.7)	254 (227–282)
	2005	3	0.12 (0.088–0.17)	4.9 (3.5–6.6)	7.7 (2.9–13)	301 (115–492)	5.7 (5.3–6.2)	225 (206–244)
	2006	3	0.12 (0.088–0.17)	4.8 (3.4–6.4)	7.7 (3–13)	297 (115–485)	5.7 (5.3–6.2)	222 (205–241)
	2007	3	0.13 (0.094–0.17)	5 (3.6–6.6)	7.8 (3.1–13)	300 (118–487)	5.8 (5.3–6.3)	222 (205–239)
	2008	3	0.15 (0.11–0.19)	5.7 (4.3–7.2)	8.3 (3.4–13)	314 (129–503)	5.9 (5.4–6.3)	222 (206–239)
	2009	3	0.16 (0.12–0.2)	6 (4.7–7.6)	8.6 (3.6–14)	323 (136–514)	6 (5.5–6.4)	224 (207–241)
	Nauru	1990	<1	<0.01 (<0.01–0.01)	6.1 (2.4–19)	<0.01 (<0.01–0.02)	105 (25–215)	<0.01 (<0.01–0.01)
1995		<1	<0.01 (<0.01–0.01)	41 (32–51)	0.029 (0.013–0.049)	296 (133–488)	0.013 (0.011–0.016)	132 (105–158)
2000		<1	<0.01 (<0.01–0.01)	6.5 (4.3–9.3)	<0.01 (<0.01–0.01)	69 (29–113)	<0.01 (<0.01–0.01)	44 (40–53)
2005		<1	<0.01 (<0.01–0.01)	14 (8.1–21)	0.017 (<0.01–0.029)	171 (66–288)	0.012 (0.011–0.015)	121 (109–145)
2006		<1	<0.01 (<0.01–0.01)	20 (14–28)	0.021 (<0.01–0.035)	210 (92–342)	0.013 (0.012–0.016)	132 (118–158)
2007		<1	<0.01 (<0.01–0.01)	2.6 (1.7–3.5)	<0.01 (<0.01–0.013)	72 (16–128)	<0.01 (<0.01–0.01)	33 (30–39)
2008		<1	<0.01 (<0.01–0.01)	1 (<1–1.4)	<0.01 (<0.01–0.01)	29 (6.4–51)	<0.01 (<0.01–0.01)	12 (9.3–14)
2009		<1	<0.01 (<0.01–0.01)	<1 (<1–1.3)	<0.01 (<0.01–0.01)	27 (6–48)	<0.01 (<0.01–0.01)	1.8 (1.2–2.6)
New Caledonia		1990	<1	0.011 (<0.01–0.016)	6.4 (4.5–9.4)	0.25 (0.09–0.44)	147 (53–260)	0.18 (0.14–0.21)
	1995	<1	<0.01 (<0.01–0.01)	2.5 (2.2–3.2)	0.12 (0.03–0.2)	60 (15–104)	0.1 (0.087–0.11)	52 (45–59)
	2000	<1	<0.01 (<0.01–0.01)	3.3 (2.6–4.2)	0.16 (0.068–0.26)	75 (32–123)	0.11 (0.094–0.12)	50 (44–57)
	2005	<1	<0.01 (<0.01–0.01)	1.1 (<1–1.4)	0.062 (0.016–0.11)	26 (6.7–46)	0.054 (0.047–0.061)	23 (20–26)
	2006	<1	<0.01 (<0.01–0.01)	1.3 (1–1.7)	0.072 (0.024–0.12)	30 (10–51)	0.055 (0.048–0.062)	23 (20–26)
	2007	<1	<0.01 (<0.01–0.01)	1.2 (<1–1.7)	0.07 (0.024–0.12)	29 (9.9–49)	0.054 (0.047–0.061)	22 (19–25)
	2008	<1	<0.01 (<0.01–0.01)	<1 (<1–1.3)	0.059 (0.015–0.1)	24 (6.2–42)	0.051 (0.044–0.057)	21 (18–23)
	2009	<1	<0.01 (<0.01–0.01)	1.4 (1.1–1.9)	0.082 (0.033–0.14)	33 (12–55)	0.06 (0.054–0.07)	24 (22–28)
	New Zealand	1990	3	0.011 (<0.01–0.016)	<1 (<1–1)	0.61 (0.22–1.1)	18 (6.5–31)	0.44 (0.38–0.52)
1995		4	0.011 (<0.01–0.014)	<1 (<1–1)	0.61 (0.23–1)	17 (6.3–28)	0.45 (0.39–0.51)	12 (11–14)
2000		4	0.012 (0.011–0.013)	<1 (<1–1)	0.44 (0.1–0.77)	11 (2.7–20)	0.4 (0.34–0.45)	10 (8.9–12)
2005		4	<0.01 (<0.01–0.01)	<1 (<1–1)	0.46 (0.14–0.79)	11 (3.4–19)	0.38 (0.33–0.43)	9.3 (8.1–10)
2006		4	0.011 (<0.01–0.012)	<1 (<1–1)	0.54 (0.21–0.89)	13 (5–22)	0.4 (0.34–0.45)	9.5 (8.3–11)
2007		4	<0.01 (<0.01–0.01)	<1 (<1–1)	0.36 (0.092–0.63)	8.6 (2.2–15)	0.32 (0.27–0.38)	7.5 (6.5–8.5)
2008		4	<0.01 (<0.01–0.01)	<1 (<1–1)	0.43 (0.15–0.73)	10 (3.6–17)	0.34 (0.29–0.38)	7.9 (6.9–9)
2009		4	<0.01 (<0.01–0.01)	<1 (<1–1)	0.42 (0.13–0.71)	9.8 (3.1–17)	0.33 (0.3–0.39)	7.8 (7–9)
Niue		1990	<1	<0.01 (<0.01–0.01)	22 (13–32)	<0.01 (<0.01–0.01)	147 (54–282)	<0.01 (<0.01–0.01)
	1995	<1	<0.01 (<0.01–0.01)	2.5 (1.7–3.4)	<0.01 (<0.01–0.01)	69 (16–123)	<0.01 (<0.01–0.01)	53 (43–64)
	2000	<1	<0.01 (<0.01–0.01)	<1 (<1–1)	<0.01 (<0.01–0.01)	19 (4.2–34)	<0.01 (<0.01–0.01)	<1 (<1–1)
	2005	<1	<0.01 (<0.01–0.01)	<1 (<1–1)	<0.01 (<0.01–0.01)	<1 (<1–1)	<0.01 (<0.01–0.01)	<1 (<1–1)
	2006	<1	<0.01 (<0.01–0.01)	<1 (<1–1)	<0.01 (<0.01–0.01)	<1 (<1–1)	<0.01 (<0.01–0.01)	<1 (<1–1)
	2007	<1	<0.01 (<0.01–0.01)	<1 (<1–1)	<0.01 (<0.01–0.01)	<1 (<1–1)	<0.01 (<0.01–0.01)	<1 (<1–1)
	2008	<1	<0.01 (<0.01–0.01)	<1 (<1–1)	<0.01 (<0.01–0.01)	<1 (<1–1)	<0.01 (<0.01–0.01)	<1 (<1–1)
	2009	<1	<0.01 (<0.01–0.01)	<1 (<1–1)	<0.01 (<0.01–0.01)	<1 (<1–1)	<0.01 (<0.01–0.01)	<1 (<1–1)
	Northern Mariana Islands	1990	<1	<0.01 (<0.01–0.01)	4.8 (3.4–7.1)	0.048 (0.017–0.086)	111 (38–196)	0.035 (0.028–0.042)
1995		<1	<0.01 (<0.01–0.01)	5.2 (4.1–7)	0.07 (0.023–0.12)	122 (40–209)	0.055 (0.048–0.062)	96 (83–108)
2000		<1	<0.01 (<0.01–0.01)	7.8 (6.1–10)	0.12 (0.049–0.2)	177 (70–293)	0.086 (0.075–0.098)	125 (109–141)
2005		<1	<0.01 (<0.01–0.01)	4.8 (3.7–6.2)	0.089 (0.033–0.15)	111 (41–185)	0.066 (0.057–0.074)	82 (71–92)
2006		<1	<0.01 (<0.01–0.01)	3.9 (3.1–5.3)	0.075 (0.025–0.13)	92 (31–157)	0.059 (0.051–0.066)	71 (62–81)
2007		<1	<0.01 (<0.01–0.01)	3.6 (2.8–4.6)	0.069 (0.026–0.12)	82 (31–138)	0.051 (0.044–0.057)	60 (53–68)
2008		<1	<0.01 (<0.01–0.01)	1.9 (1.9–2)	0.04 (<0.01–0.072)	47 (11–84)	0.032 (0.028–0.036)	38 (33–43)
2009		<1	<0.01 (<0.01–0.01)	3 (2.3–3.9)	0.06 (0.023–0.1)	69 (27–115)	0.043 (0.038–0.049)	49 (44–57)
Palau		1990	<1	<0.01 (<0.01–0.01)	8.1 (5.4–11)	0.034 (<0.01–0.06)	225 (50–399)	<0.01 (<0.01–0.014)
	1995	<1	<0.01 (<0.01–0.01)	5.2 (3.4–6.9)	0.024 (<0.01–0.043)	142 (32–252)	0.021 (0.019–0.025)	124 (111–149)
	2000	<1	<0.01 (<0.01–0.01)	5.4 (3.5–7.2)	0.029 (<0.01–0.051)	148 (33–263)	0.01 (<0.01–0.012)	52 (42–63)
	2005	<1	<0.01 (<0.01–0.01)	5.7 (3.2–9.3)	0.015 (<0.01–0.026)	76 (28–128)	0.011 (0.01–0.013)	55 (50–66)
	2006	<1	<0.01 (<0.01–0.01)	6.4 (3.5–11)	0.018 (<0.01–0.031)	89 (32–152)	0.013 (0.012–0.016)	66 (59–79)
	2007	<1	<0.01 (<0.01–0.01)	9.8 (6.8–13)	0.02 (<0.01–0.032)	97 (43–159)	0.012 (0.011–0.015)	60 (54–72)
	2008	<1	<0.01 (<0.01–0.01)	7.1 (3.5–13)	0.018 (<0.01–0.031)	88 (32–155)	0.013 (0.01–0.015)	63 (50–75)
	2009	<1	<0.01 (<0.01–0.01)	8.6 (4.6–14)	0.02 (<0.01–0.034)	96 (38–166)	0.013 (0.011–0.016)	65 (52–78)
	Papua New Guinea	1990	4	2.9 (1.5–4.7)	69 (36–113)	22 (8.7–42)	524 (210–100	

TABLE A2.1 Estimates of the burden of disease caused by TB, 1990–2009

YEAR	POPULATION (MILLIONS)	MORTALITY (EXCLUDING HIV)		PREVALENCE (INCLUDING HIV)		INCIDENCE (INCLUDING HIV)		
		NUMBER (THOUSANDS)	RATE ^a	NUMBER (THOUSANDS)	RATE	NUMBER (THOUSANDS)	RATE	
Republic of Korea	1990	43	8.6 (6.1–12)	20 (14–29)	110 (43–200)	267 (101–463)	80 (64–96)	186 (149–223)
	1995	45	4.8 (3.8–6.2)	11 (8.5–14)	65 (24–110)	147 (54–245)	48 (42–55)	108 (94–123)
	2000	46	4.1 (3.6–4.7)	8.9 (7.8–10)	33 (7.5–59)	72 (16–128)	25 (22–28)	54 (47–61)
	2005	48	3.4 (3–3.8)	7.2 (6.3–8)	58 (21–98)	123 (44–206)	44 (38–50)	93 (80–105)
	2006	48	3.2 (2.8–3.6)	6.7 (5.9–7.5)	56 (18–95)	116 (39–198)	44 (38–49)	91 (79–103)
	2007	48	4 (3.2–5.4)	8.4 (6.7–11)	55 (19–94)	116 (39–197)	43 (38–49)	90 (79–102)
	2008	48	3.8 (3.1–5.1)	8 (6.4–11)	53 (17–91)	110 (35–189)	42 (37–48)	88 (77–99)
2009	48	4 (3.2–5.4)	8.3 (6.6–11)	56 (18–95)	115 (38–197)	45 (39–50)	90 (80–104)	
Samoa	1990	<1	<0.01 (<0.01–0.012)	2.6 (1–7.5)	0.067 (0.017–0.13)	41 (11–84)	0.051 (0.044–0.074)	32 (27–46)
	1995	<1	<0.01 (<0.01–0.01)	2.2 (1.3–3.5)	0.058 (0.019–0.098)	35 (11–58)	0.046 (0.045–0.055)	27 (27–33)
	2000	<1	<0.01 (<0.01–0.01)	2.7 (1.3–4.7)	0.058 (0.021–0.1)	33 (12–58)	0.041 (0.033–0.049)	23 (19–28)
	2005	<1	<0.01 (<0.01–0.01)	2.3 (1.1–4.1)	0.051 (0.018–0.089)	28 (10–50)	0.036 (0.029–0.043)	20 (16–24)
	2006	<1	<0.01 (<0.01–0.01)	2.7 (1.5–4.3)	0.053 (0.021–0.09)	29 (12–50)	0.035 (0.028–0.042)	19 (16–23)
	2007	<1	<0.01 (<0.01–0.01)	3.5 (2.3–5.1)	0.058 (0.026–0.097)	33 (14–54)	0.034 (0.027–0.04)	19 (15–23)
	2008	<1	<0.01 (<0.01–0.01)	4.2 (2.9–5.6)	0.062 (0.029–0.1)	35 (16–57)	0.033 (0.026–0.039)	18 (15–22)
2009	<1	<0.01 (<0.01–0.01)	4 (2.8–5.4)	0.06 (0.027–0.098)	33 (15–55)	0.032 (0.026–0.038)	18 (14–21)	
Singapore	1990	3	0.14 (0.1–0.21)	4.7 (3.5–6.8)	2.6 (0.84–4.6)	86 (28–152)	2 (1.6–2.4)	66 (53–79)
	1995	3	0.15 (0.12–0.2)	4.4 (3.5–5.8)	2.8 (1–4.8)	81 (29–137)	2.2 (1.9–2.5)	62 (54–71)
	2000	4	0.13 (0.11–0.14)	3.2 (2.7–3.6)	2.5 (0.9–4.3)	63 (22–107)	2 (1.7–2.2)	49 (43–56)
	2005	4	0.084 (0.073–0.095)	2 (1.7–2.2)	1.9 (0.66–3.3)	46 (15–78)	1.6 (1.4–1.8)	37 (32–41)
	2006	4	0.08 (0.069–0.09)	1.8 (1.6–2.1)	1.9 (0.6–3.2)	42 (14–72)	1.5 (1.3–1.7)	35 (30–39)
	2007	4	0.1 (0.082–0.13)	2.2 (1.8–3)	1.9 (0.6–3.2)	42 (13–72)	1.6 (1.4–1.8)	35 (30–39)
	2008	5	0.13 (0.099–0.16)	2.7 (2.1–3.5)	2.3 (0.87–3.9)	51 (19–85)	1.8 (1.5–2)	39 (34–44)
2009	5	0.11 (0.089–0.14)	2.3 (1.9–3)	2 (0.63–3.5)	43 (13–74)	1.7 (1.5–2)	36 (32–42)	
Solomon Islands	1990	<1	0.25 (0.12–0.43)	79 (37–139)	2 (0.77–3.9)	630 (244–1256)	0.98 (0.54–1.4)	312 (172–453)
	1995	<1	0.21 (0.16–0.28)	59 (43–78)	1.7 (0.79–2.8)	473 (219–779)	0.87 (0.7–1)	240 (192–288)
	2000	<1	0.19 (0.13–0.25)	45 (32–60)	1.5 (0.69–2.5)	362 (167–599)	0.77 (0.61–0.92)	185 (148–222)
	2005	<1	0.13 (0.083–0.18)	27 (18–38)	1.2 (0.52–1.9)	246 (110–410)	0.67 (0.54–0.81)	142 (114–170)
	2006	<1	0.11 (0.072–0.17)	23 (15–34)	1.1 (0.48–1.8)	225 (98–377)	0.65 (0.52–0.79)	135 (108–162)
	2007	<1	0.11 (0.067–0.16)	22 (14–32)	1.1 (0.45–1.8)	211 (91–356)	0.64 (0.51–0.78)	128 (102–153)
	2008	<1	0.1 (0.063–0.15)	20 (12–30)	1 (0.44–1.7)	197 (86–332)	0.62 (0.49–0.74)	121 (97–145)
2009	<1	0.096 (0.058–0.14)	18 (11–28)	0.97 (0.41–1.6)	185 (79–313)	0.6 (0.49–0.72)	115 (93–138)	
Tokelau	1990	<1	<0.01 (<0.01–0.01)	5 (2–15)	<0.01 (<0.01–0.01)	86 (20–175)	<0.01 (<0.01–0.01)	69 (62–101)
	1995	<1	<0.01 (<0.01–0.01)	41 (33–50)	<0.01 (<0.01–0.01)	313 (147–504)	<0.01 (<0.01–0.01)	150 (133–180)
	2000	<1	<0.01 (<0.01–0.01)	<1 (<1–1)	<0.01 (<0.01–0.01)	<1 (<1–1)	<0.01 (<0.01–0.01)	<1 (<1–1)
	2005	<1	<0.01 (<0.01–0.01)	<1 (<1–1)	<0.01 (<0.01–0.01)	<1 (<1–1)	<0.01 (<0.01–0.01)	<1 (<1–1)
	2006	<1	<0.01 (<0.01–0.01)	<1 (<1–1)	<0.01 (<0.01–0.01)	<1 (<1–1)	<0.01 (<0.01–0.01)	<1 (<1–1)
	2007	<1	<0.01 (<0.01–0.01)	<1 (<1–1)	<0.01 (<0.01–0.01)	<1 (<1–1)	<0.01 (<0.01–0.01)	<1 (<1–1)
	2008	<1	<0.01 (<0.01–0.01)	<1 (<1–1)	<0.01 (<0.01–0.01)	<1 (<1–1)	<0.01 (<0.01–0.01)	<1 (<1–1)
2009	<1	<0.01 (<0.01–0.01)	<1 (<1–1)	<0.01 (<0.01–0.01)	<1 (<1–1)	<0.01 (<0.01–0.01)	<1 (<1–1)	
Tonga	1990	<1	<0.01 (<0.01–0.01)	5 (1.8–10)	0.05 (0.017–0.099)	53 (18–104)	0.032 (0.023–0.046)	34 (24–49)
	1995	<1	<0.01 (<0.01–0.01)	4 (2.1–6.6)	0.044 (0.017–0.076)	45 (18–78)	0.03 (0.024–0.036)	31 (24–37)
	2000	<1	<0.01 (<0.01–0.01)	3.7 (2.3–5.6)	0.041 (0.017–0.068)	42 (17–69)	0.027 (0.024–0.033)	28 (24–33)
	2005	<1	<0.01 (<0.01–0.01)	4.1 (2.5–6.1)	0.041 (0.018–0.07)	41 (17–68)	0.025 (0.02–0.03)	25 (20–30)
	2006	<1	<0.01 (<0.01–0.01)	2.7 (1.3–4.9)	0.035 (0.013–0.062)	35 (12–61)	0.025 (0.02–0.03)	25 (20–29)
	2007	<1	<0.01 (<0.01–0.01)	3.1 (2.1–4.5)	0.037 (0.015–0.06)	36 (15–58)	0.025 (0.023–0.03)	24 (22–29)
	2008	<1	<0.01 (<0.01–0.01)	4 (2.5–6)	0.04 (0.018–0.068)	39 (17–66)	0.024 (0.02–0.029)	24 (19–28)
2009	<1	<0.01 (<0.01–0.01)	5.2 (3.7–7)	0.045 (0.021–0.075)	44 (20–72)	0.024 (0.02–0.029)	23 (19–28)	
Tuvalu	1990	<1	<0.01 (<0.01–0.01)	12 (7.8–16)	0.029 (<0.01–0.052)	327 (73–580)	0.026 (0.023–0.038)	296 (258–430)
	1995	<1	<0.01 (<0.01–0.01)	14 (9–19)	0.035 (<0.01–0.062)	380 (85–675)	0.023 (0.018–0.028)	250 (200–300)
	2000	<1	<0.01 (<0.01–0.01)	25 (13–43)	0.029 (0.011–0.05)	302 (111–529)	0.02 (0.016–0.024)	211 (169–253)
	2005	<1	<0.01 (<0.01–0.01)	12 (6–24)	0.021 (<0.01–0.038)	216 (60–384)	0.017 (0.014–0.021)	178 (142–214)
	2006	<1	<0.01 (<0.01–0.01)	20 (10–35)	0.024 (<0.01–0.042)	245 (90–429)	0.017 (0.013–0.02)	172 (138–206)
	2007	<1	<0.01 (<0.01–0.01)	12 (6.1–25)	0.02 (<0.01–0.036)	207 (60–367)	0.016 (0.013–0.02)	166 (133–200)
	2008	<1	<0.01 (<0.01–0.01)	7.1 (4.7–9.7)	0.019 (<0.01–0.035)	196 (44–349)	0.016 (0.013–0.019)	161 (129–193)
2009	<1	<0.01 (<0.01–0.01)	7.1 (4.6–9.5)	0.019 (<0.01–0.034)	194 (43–345)	0.015 (0.013–0.019)	155 (126–187)	
Vanuatu	1990	<1	0.017 (<0.01–0.047)	11 (4.2–32)	0.26 (0.067–0.54)	177 (45–360)	0.21 (0.14–0.3)	139 (94–201)
	1995	<1	0.035 (0.022–0.052)	20 (13–30)	0.34 (0.15–0.56)	195 (86–326)	0.2 (0.16–0.24)	117 (93–140)
	2000	<1	0.02 (<0.01–0.036)	11 (5.2–19)	0.26 (0.091–0.45)	136 (48–238)	0.19 (0.15–0.22)	98 (80–118)
	2005	<1	0.031 (0.02–0.046)	14 (9.1–21)	0.3 (0.13–0.5)	138 (60–233)	0.18 (0.14–0.21)	83 (66–99)
	2006	<1	0.03 (0.019–0.044)	14 (8.4–20)	0.29 (0.13–0.49)	132 (57–222)	0.18 (0.14–0.21)	80 (64–96)
	2007	<1	0.026 (0.015–0.041)	12 (6.8–18)	0.28 (0.11–0.47)	121 (50–206)	0.18 (0.14–0.21)	77 (62–92)
	2008	<1	0.025 (0.014–0.039)	11 (6.1–17)	0.27 (0.11–0.46)	114 (46–195)	0.17 (0.14–0.21)	74 (60–89)
2009	<1	0.024 (0.014–0.038)	10 (5.8–16)	0.27 (0.11–0.45)	110 (44–187)	0.17 (0.14–0.21)	72 (58–87)	
Viet Nam	1990	66	32 (21–46)	48 (31–70)	260 (120–450)	396 (177–682)	140 (110–180)	204 (168–279)
	1995	73	35 (22–50)	48 (30–69)	290 (120–490)	392 (176–673)	150 (120–200)	204 (168–279)
	2000	79	29 (16–46)	37 (21–59)	270 (120–480)	344 (147–605)	160 (130–220)	204 (168–278)
	2005	84	30 (17–47)	35 (20–56)	280 (120–490)	332 (140–582)	170 (140–230)	202 (166–275)
	2006	85	31 (18–49)	37 (21–58)	290 (120–510)	340 (145–597)	170 (140–240)	204 (168–279)
	2007	86	31 (17–49)	36 (20–57)	290 (120–500)	333 (144–582)	170 (140–240)	202 (166–276)
	2008	87	32 (18–50)	36 (20–57)	290 (120–510)	334 (143–587)	170 (140–240)	200 (165–274)
2009	88	32 (18–50)	36 (21–56)	290 (130–510)	333 (143–577)	180 (130–230)	200 (150–256)	
Wallis and Futuna Islands	1990	<1	<0.01 (<0.01–0.01)	17 (11–23)	0.066 (0.015–0.12)	478 (105–848)	<0.01 (<0.01–0.013)	63 (35–91)
	1995	<1	<0.01 (<0.01–0.01)	2.3 (1.5–3.1)	<0.01 (<0.01–0.016)	64 (14–114)	<0.01 (<0.01–0.01)	47 (42–56)
	2000	<1	<0.01 (<0.01–0.01)	19 (15–23)	0.019 (<0.01–0.032)	129 (54–215)	<0.01 (<0.01–0.01)	52 (41–62)
	2005	<1	<0.01 (<0.01–0.01)	3.4 (1.7–7)	<0.01 (<0.01–0.016)	62 (17–110)	<0.01 (<0.01–0.01)	52 (47–62)
	2006	<1	<0.01 (<0.01–0.01)	6.7 (3.9–10)	0.011 (<0.01–0.018)	71 (29–121)	<0.01 (<0.01–0.01)	46 (37–55)
	2007	<1	<0.01 (<0.01–0.01)	<1 (<1–1)	<0.01 (<0.01–0.01)	17 (7–30)	<0.01 (<0.01–0.01)	15 (13–17)
	2008	<1	<0.01 (<0.01–0.01)	<1 (<1–1.3)	<0.01 (<0.01–0.01)	26 (5.9–47)	<0.01 (<0.01–0.01)	5.5 (4.4–6.6)
2009	<1	<0.01 (<0.01–0.01)	1.2 (<1–1.6)	<0.01 (<0.01–0.01)	32 (7.2–57)	<0.01 (<0.01–0.01)	1.2 (<1–1.5)	

^a Rates are per 100 000 population.

TABLE A2.2 Incidence, notification and case detection rates, all forms, 1990–2009

YEAR	POPULATION (MILLIONS)	INCIDENCE (INCLUDING HIV)		INCIDENCE HIV-POSITIVE		NOTIFIED NEW AND RELAPSE ^a		CASE DETECTION RATE ^a	
		NUMBER (THOUSANDS)	RATE ^b	NUMBER (THOUSANDS)	RATE ^b	NUMBER	RATE ^b	PERCENT	
American Samoa	1990	0	0.01 (<0.01–0.015)	21 (19–31)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	9	19	90 (62–100)
	1995	0	<0.01 (<0.01–<0.01)	11 (8.8–13)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	3	5	–
	2000	0	<0.01 (<0.01–<0.01)	5.8 (5.2–7)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	6	10	89 (74–100)
	2005	0	<0.01 (<0.01–<0.01)	10 (9.6–12)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	4	6	92 (77–100)
	2006	0	<0.01 (<0.01–<0.01)	6.8 (6.3–8.1)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	3	5	92 (77–100)
	2007	0	<0.01 (<0.01–<0.01)	5 (4.6–6)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	3	5	92 (77–100)
Australia	1990	17	1.3 (1–1.5)	7.4 (5.9–8.9)	0.018 (0.01–0.028)	<1 (<1–<1)	1 016	6	80 (67–100)
	1995	18	1.2 (1.1–1.4)	6.8 (5.9–7.7)	0.015 (<0.01–0.023)	<1 (<1–<1)	1 073	6	87 (77–100)
	2000	19	1.2 (1–1.4)	6.3 (5.4–7.1)	0.016 (0.01–0.024)	<1 (<1–<1)	1 043	5	87 (77–100)
	2005	20	1.2 (1–1.4)	5.9 (5.1–6.7)	0.02 (0.012–0.03)	<1 (<1–<1)	1 046	5	87 (77–100)
	2006	21	1.3 (1.2–1.5)	6.5 (5.6–7.3)	0.023 (0.014–0.034)	<1 (<1–<1)	1 159	6	87 (77–100)
	2007	21	1.3 (1.1–1.4)	6.1 (5.3–7)	0.023 (0.014–0.035)	<1 (<1–<1)	1 115	5	87 (77–100)
Brunei Darussalam	1990	0	0.18 (0.14–0.21)	70 (56–83)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	143	56	80 (67–100)
	1995	0	<0.01 (<0.01–<0.01)	<1 (<1–<1)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	307	92	–
	2000	0	0.35 (0.31–0.4)	106 (92–120)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	163	44	87 (77–100)
	2005	0	0.19 (0.16–0.21)	51 (44–57)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	202	54	87 (77–100)
	2006	0	0.23 (0.2–0.26)	62 (54–70)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	207	54	87 (77–100)
	2007	0	0.24 (0.21–0.27)	62 (54–70)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	223	57	87 (77–100)
Cambodia	1990	10	56 (38–76)	574 (395–783)	2.5 (0.98–4.9)	26 (10–51)	6 501	67	84 (72–94)
	1995	11	60 (46–76)	529 (407–666)	6.5 (3.9–9.8)	57 (34–86)	14 603	128	24 (19–32)
	2000	13	63 (52–74)	492 (408–583)	7 (4.6–10)	55 (36–78)	18 891	148	30 (25–36)
	2005	14	64 (55–73)	461 (397–530)	5.6 (3.6–8.1)	40 (26–58)	35 535	256	56 (48–65)
	2006	14	64 (55–74)	456 (393–524)	5.3 (3.4–7.8)	38 (24–55)	34 660	246	54 (47–63)
	2007	14	65 (55–74)	451 (387–519)	5.2 (3.2–7)	36 (25–49)	35 601	249	55 (48–64)
China	1990	1 142	1500 (1100–1900)	130 (98–165)	1.4 (0.41–3.1)	<1 (<1–<1)	375 481	33	25 (20–33)
	1995	1 211	1400 (1100–1700)	117 (92–144)	7.3 (3.2–13)	<1 (<1–<1)	515 764	43	37 (30–46)
	2000	1 267	1300 (1100–1600)	107 (87–128)	14 (7.8–21)	1.1 (<1–1.7)	454 372	36	34 (28–41)
	2005	1 312	1300 (1100–1500)	99 (84–116)	17 (10–26)	1.3 (<1–2)	894 428	68	69 (59–81)
	2006	1 321	1300 (1100–1500)	98 (84–114)	18 (11–27)	1.4 (<1–2)	940 889	71	72 (62–85)
	2007	1 329	1300 (1100–1500)	98 (84–112)	18 (11–28)	1.4 (<1–2.1)	979 502	74	76 (66–88)
China, Hong Kong SAR	1990	6	8.1 (6.5–9.8)	143 (114–171)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	6 510	112	80 (67–100)
	1995	6	7.1 (6.2–8.1)	115 (100–130)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	6 212	100	87 (77–100)
	2000	7	6.9 (6–7.8)	104 (90–117)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	6 015	90	87 (77–100)
	2005	7	6.5 (5.7–7.4)	95 (82–107)	0.04 (0.027–0.056)	<1 (<1–<1)	5 660	82	87 (77–100)
	2006	7	6.4 (5.5–7.2)	92 (80–104)	0.038 (0.025–0.054)	<1 (<1–<1)	5 536	80	87 (77–100)
	2007	7	6.2 (5.4–7)	89 (77–100)	0.036 (0.026–0.049)	<1 (<1–<1)	5 363	77	87 (77–100)
China, Macao SAR	1990	0	0.43 (0.34–0.51)	115 (92–138)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	343	92	80 (67–100)
	1995	0	0.46 (0.4–0.52)	112 (98–127)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	402	98	87 (77–100)
	2000	0	0.52 (0.45–0.58)	117 (102–132)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	449	102	87 (77–100)
	2005	0	0.41 (0.36–0.46)	84 (73–95)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	355	73	87 (77–100)
	2006	0	0.43 (0.37–0.49)	86 (75–97)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	374	75	87 (77–100)
	2007	1	0.39 (0.34–0.44)	77 (67–87)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	342	67	87 (77–100)
Cook Islands	1990	0	<0.01 (<0.01–<0.01)	<1 (<1–<1)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	0	<1	–
	1995	0	<0.01 (<0.01–<0.01)	12 (11–15)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	2	11	88 (73–100)
	2000	0	<0.01 (<0.01–<0.01)	7 (5.7–8.3)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	1	6	82 (68–100)
	2005	0	<0.01 (<0.01–<0.01)	7.9 (6.4–9.5)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	1	5	66 (55–82)
	2006	0	<0.01 (<0.01–<0.01)	8.1 (6.5–9.8)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	1	5	63 (53–79)
	2007	0	<0.01 (<0.01–<0.01)	15 (12–18)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	2	10	50 (42–63)
Fiji	1990	1	0.37 (0.23–0.53)	51 (31–73)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	226	31	62 (43–100)
	1995	1	0.3 (0.24–0.36)	39 (31–47)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	203	26	68 (57–85)
	2000	1	0.24 (0.19–0.29)	30 (24–36)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	144	18	60 (50–75)
	2005	1	0.19 (0.15–0.23)	23 (18–28)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	132	16	69 (58–87)
	2006	1	0.18 (0.15–0.22)	22 (17–26)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	114	14	63 (52–78)
	2007	1	0.17 (0.14–0.21)	21 (17–25)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	94	11	54 (45–68)
French Polynesia	1990	0	0.074 (0.059–0.089)	38 (30–45)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	59	30	80 (67–100)
	1995	0	<0.01 (<0.01–<0.01)	<1 (<1–<1)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	62	26	–
	2000	0	0.071 (0.062–0.081)	30 (26–34)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	63	25	87 (77–100)
	2005	0	0.072 (0.063–0.082)	28 (25–32)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	69	27	87 (77–100)
	2006	0	0.079 (0.069–0.09)	31 (27–35)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	64	24	87 (77–100)
	2007	0	0.074 (0.064–0.083)	28 (24–32)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	50	19	87 (77–100)
Guam	1990	0	0.059 (0.053–0.069)	22 (20–26)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	53	20	89 (77–100)
	1995	0	<0.01 (<0.01–<0.01)	<1 (<1–<1)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	54	35	–
	2000	0	0.062 (0.054–0.07)	40 (35–45)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	63	37	87 (77–100)
	2005	0	0.072 (0.063–0.082)	43 (37–49)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	44	26	87 (77–100)
	2006	0	0.051 (0.044–0.057)	30 (26–33)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	53	31	87 (77–100)
	2007	0	0.061 (0.053–0.069)	35 (31–40)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	89	51	87 (77–100)
Japan	1990	123	65 (52–78)	53 (42–63)	<0.01 (0.0097–0.29)	<1 (<1–<1)	51 821	47	80 (67–100)
	1995	125	50 (43–56)	39 (34–45)	0.14 (0.078–0.23)	<1 (<1–<1)	43 078	34	87 (77–100)
	2000	127	45 (39–51)	36 (31–40)	0.14 (0.077–0.21)	<1 (<1–<1)	39 384	31	87 (77–100)
	2005	127	31 (27–35)	25 (21–28)	0.11 (0.06–0.16)	<1 (<1–<1)	27 194	21	87 (77–100)
	2006	127	29 (25–33)	23 (20–26)	0.1 (0.057–0.16)	<1 (<1–<1)	25 304	20	87 (77–100)
	2007	127	28 (25–32)	22 (19–25)	0.066 (0.048–0.086)	<1 (<1–<1)	24 779	19	87 (77–100)
Kiribati	1990	0	0.37 (0.2–0.53)	513 (282–744)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	68	95	18 (13–34)
	1995	0	0.36 (0.29–0.43)	464 (371–557)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	252	300	71 (60–89)
	2000	0	0.35 (0.28–0.42)	420 (336–504)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	332	361	95 (79–100)
	2005	0	0.35 (0.28–0.42)	372 (298–447)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	378	404	108 (90–136)
	2006	0	0.35 (0.28–0.42)	365 (351–438)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	334	351	96 (80–100)
	2007	0	0.35 (0.34–0.41)	358 (347–429)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	335	347	97 (81–100)
2009	0	0.34 (0.31–0.38)	351 (312–391)	0.18 (0.13–0.24)	187 (130–247)	278	284	81 (72–91)	

^a Where notification data from a country had not been received by 31 August, the notification rate was assumed to be the same as for 2008 (in *italics*).^b Rates are per 100 000 population.

TABLE A2.2 Incidence, notification and case detection rates, all forms, 1990–2009

YEAR	POPULATION (MILLIONS)	INCIDENCE (INCLUDING HIV)		INCIDENCE HIV-POSITIVE		NOTIFIED NEW AND RELAPSE ^a		CASE DETECTION RATE ^a PERCENT
		NUMBER (THOUSANDS)	RATE ^b	NUMBER (THOUSANDS)	RATE ^b	NUMBER	RATE ^b	
Lao People's Democratic Republic								
1990	4	3.7 (2.6–5)	88 (62–118)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	1 826	43	49 (37–70)
1995	5	4.1 (3.1–5.3)	86 (64–111)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	830	17	20 (16–27)
2000	5	4.6 (3.6–5.8)	85 (66–107)	0.018 (<0.01–0.042)	<1 (<1–<1)	2 227	41	48 (39–62)
2005	6	5.1 (4.1–6.2)	87 (69–106)	0.077 (0.039–0.13)	1.3 (<1–2.2)	3 777	64	74 (61–92)
2006	6	5.2 (4.2–6.3)	87 (70–106)	0.099 (0.055–0.16)	1.6 (<1–2.6)	3 958	66	76 (62–94)
2007	6	5.3 (4.3–6.5)	88 (71–106)	0.12 (0.074–0.19)	2 (1.2–3.1)	3 905	64	73 (60–90)
2008	6	5.5 (4.4–6.6)	88 (72–107)	0.15 (0.088–0.23)	2.4 (1.4–3.7)	4 048	65	74 (61–91)
2009	6	5.6 (4.6–6.8)	89 (72–107)	0.18 (0.1–0.27)	2.8 (1.6–4.3)	3 848	61	68 (57–84)
Malaysia								
1990	18	23 (20–26)	127 (112–142)	0.34 (0.15–0.6)	1.9 (<1–3.3)	11 702	65	51 (45–58)
1995	21	22 (20–25)	108 (97–120)	1.3 (0.86–1.8)	6.3 (4.2–8.9)	11 778	57	53 (48–59)
2000	23	22 (20–24)	95 (86–104)	1.7 (1.2–2.4)	7.5 (5.2–10)	15 057	65	68 (62–76)
2005	26	22 (20–24)	86 (78–94)	2.1 (1.9–2.3)	8.2 (7.4–9.1)	15 342	60	70 (64–76)
2006	26	22 (20–24)	85 (77–93)	2 (1.8–2.2)	7.6 (6.9–8.4)	16 051	62	72 (66–79)
2007	27	22 (20–24)	84 (77–92)	2.3 (2–2.5)	8.5 (7.7–9.3)	16 129	61	72 (66–79)
2008	27	22 (21–25)	83 (76–91)	2.4 (2.2–2.6)	8.8 (8–9.7)	17 144	63	76 (70–84)
2009	27	23 (21–25)	83 (75–90)	2.2 (1.9–2.4)	7.8 (7.1–8.6)	17 341	63	76 (70–84)
Marshall Islands								
1990	0	0.14 (0.079–0.21)	302 (166–438)	<0.01 (<0.01–<0.01)	<1 (<1–<1)			–
1995	0	0.14 (0.11–0.17)	274 (219–328)	<0.01 (<0.01–<0.01)	<1 (<1–<1)			–
2000	0	0.13 (0.1–0.15)	248 (198–297)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	34	65	26 (22–33)
2005	0	0.13 (0.11–0.15)	224 (196–269)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	111	196	87 (73–100)
2006	0	0.13 (0.1–0.15)	220 (176–263)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	138	238	108 (90–136)
2007	0	0.13 (0.1–0.15)	215 (172–258)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	158	267	124 (103–155)
2008	0	0.13 (0.13–0.15)	211 (206–253)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	125	206	98 (81–100)
2009	0	0.13 (0.11–0.14)	207 (184–230)	<0.01 (<0.01–<0.01)	3 (<1–9.9)	135	218	105 (95–118)
Micronesia (Federated States of)								
1990	0	0.18 (0.1–0.26)	188 (104–273)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	367	381	202 (139–368)
1995	0	0.17 (0.13–0.2)	155 (124–186)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	172	160	103 (86–129)
2000	0	0.14 (0.11–0.16)	128 (102–153)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	91	85	67 (55–83)
2005	0	0.11 (0.098–0.14)	105 (90–126)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	98	90	85 (71–100)
2006	0	0.11 (0.1–0.13)	101 (95–121)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	104	95	94 (78–100)
2007	0	0.11 (0.086–0.13)	97 (78–117)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	137	124	128 (107–160)
2008	0	0.1 (0.082–0.12)	93 (75–112)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	164	149	159 (133–199)
2009	0	0.099 (0.081–0.12)	90 (73–108)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	148	134	149 (123–183)
Mongolia								
1990	2	9 (7.6–10)	405 (342–473)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	1 659	75	18 (16–22)
1995	2	7.1 (6.2–8.1)	314 (272–358)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	2 780	122	39 (34–45)
2000	2	6.1 (5.4–6.7)	254 (227–282)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	3 109	130	51 (46–57)
2005	3	5.7 (5.3–6.2)	225 (206–244)	<0.01 (<0.01–0.01)	<1 (<1–<1)	4 601	180	80 (74–88)
2006	3	5.7 (5.3–6.2)	222 (205–241)	<0.01 (<0.01–0.01)	<1 (<1–<1)	5 049	196	88 (81–95)
2007	3	5.8 (5.3–6.3)	222 (205–239)	<0.01 (<0.01–0.01)	<1 (<1–<1)	4 654	178	80 (74–87)
2008	3	5.9 (5.4–6.3)	222 (206–239)	<0.01 (<0.01–0.02)	<1 (<1–<1)	4 490	170	77 (71–83)
2009	3	6 (5.5–6.4)	224 (207–241)	0.011 (<0.01–0.018)	<1 (<1–<1)	4 481	168	75 (70–81)
Nauru								
1990	0	<0.01 (<0.01–<0.01)	85 (77–123)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	7	77	90 (62–100)
1995	0	0.013 (0.011–0.016)	132 (105–158)	<0.01 (<0.01–<0.01)	<1 (<1–<1)			–
2000	0	<0.01 (<0.01–<0.01)	44 (40–53)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	4	40	90 (75–100)
2005	0	0.012 (0.011–0.015)	121 (109–145)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	11	109	90 (75–100)
2006	0	0.013 (0.012–0.016)	132 (118–158)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	12	118	90 (75–100)
2007	0	<0.01 (<0.01–<0.01)	33 (30–39)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	3	30	90 (75–100)
2008	0	<0.01 (<0.01–<0.01)	12 (9.3–14)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	5	49	423 (352–529)
2009	0	<0.01 (<0.01–<0.01)	1.8 (1.2–2.6)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	5	49	2670 (1923–4073)
New Caledonia								
1990	0	0.18 (0.14–0.21)	104 (84–125)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	143	84	80 (67–100)
1995	0	0.1 (0.087–0.11)	52 (45–59)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	87	45	87 (77–100)
2000	0	0.11 (0.094–0.12)	50 (44–57)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	94	44	87 (77–100)
2005	0	0.054 (0.047–0.061)	23 (20–26)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	47	20	87 (77–100)
2006	0	0.055 (0.048–0.062)	23 (20–26)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	48	20	87 (77–100)
2007	0	0.054 (0.047–0.061)	22 (19–25)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	47	19	87 (77–100)
2008	0	0.051 (0.044–0.057)	21 (18–23)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	44	18	87 (77–100)
2009	0	0.06 (0.054–0.07)	24 (22–28)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	54	22	89 (77–100)
New Zealand								
1990	3	0.44 (0.35–0.52)	13 (10–15)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	348	10	80 (67–100)
1995	4	0.45 (0.39–0.51)	12 (11–14)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	391	11	87 (77–100)
2000	4	0.4 (0.34–0.45)	10 (8.9–12)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	344	9	87 (77–100)
2005	4	0.38 (0.33–0.43)	9.3 (8.1–10)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	332	8	87 (77–100)
2006	4	0.4 (0.34–0.45)	9.5 (8.3–11)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	344	8	87 (77–100)
2007	4	0.32 (0.27–0.36)	7.5 (6.5–8.5)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	274	7	87 (77–100)
2008	4	0.34 (0.29–0.38)	7.9 (6.9–9)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	292	7	87 (77–100)
2009	4	0.33 (0.3–0.39)	7.8 (7–9.1)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	298	7	89 (77–100)
Niue								
1990	0	<0.01 (<0.01–<0.01)	59 (32–85)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	0	<1	0 (0–0)
1995	0	<0.01 (<0.01–<0.01)	53 (43–64)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	0	<1	0 (0–0)
2000	0	<0.01 (<0.01–<0.01)	<1 (<1–<1)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	0	<1	–
2005	0	<0.01 (<0.01–<0.01)	<1 (<1–<1)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	0	<1	–
2006	0	<0.01 (<0.01–<0.01)	<1 (<1–<1)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	0	<1	–
2007	0	<0.01 (<0.01–<0.01)	<1 (<1–<1)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	0	<1	–
2008	0	<0.01 (<0.01–<0.01)	<1 (<1–<1)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	0	<1	–
2009	0	<0.01 (<0.01–<0.01)	<1 (<1–<1)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	0	<1	–
Northern Mariana Islands								
1990	0	0.035 (0.028–0.042)	80 (64–96)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	28	64	80 (67–100)
1995	0	0.055 (0.048–0.062)	96 (83–108)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	48	83	87 (77–100)
2000	0	0.086 (0.075–0.098)	125 (109–141)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	75	109	87 (77–100)
2005	0	0.066 (0.057–0.074)	82 (71–92)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	57	71	87 (77–100)
2006	0	0.059 (0.051–0.066)	71 (62–81)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	51	62	87 (77–100)
2007	0	0.051 (0.044–0.057)	60 (53–68)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	44	53	87 (77–100)
2008	0	0.032 (0.028–0.036)	38 (33–43)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	28	33	87 (77–100)
2009	0	0.043 (0.038–0.049)	49 (44–57)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	38	44	89 (77–100)
Palau								
1990	0	<0.01 (<0.01–<0.01)	64 (35–92)	<0.01 (<0.01–<0.01)	<1 (<1–<1)			–
1995	0	0.021 (0.019–0.025)	124 (111–149)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	19	111	90 (75–100)
2000	0	0.01 (<0.01–0.012)	52 (42–63)	<0.01 (<0.01–<0.01)	<1 (<1–<1)			–
2005	0	0.011 (0.01–0.013)	55 (50–66)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	10	50	90 (75–100)
2006	0	0.013 (0.012–0.016)	66 (59–79)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	12	59	90 (75–100)
2007	0	0.012 (0.011–0.015)	60 (54–72)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	11	54	90 (75–100)
2008	0	0.013 (0.01–0.015)	63 (50–75)	<0.01 (<0.01–<0.01)	<1 (<1–<1)			–
2009	0	0.013 (0.011–0.016)	65 (52–78)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	19	93	144 (119–178)
Papua New Guinea								
1990	4	10 (5.7–15)	250 (137–362)	0.025 (<0.01–0.06)	<1 (<1–1.5)	2 497	60	24 (17–44)
1995	5	12 (9.4–14)	250 (200–299)	0.068 (0.015–0.16)	1.5 (<1–3.4)	8 041	171	68 (57–86)
2000	5	13 (11–16)	250 (200–299)	0.25 (0.14–0.4)	4.6 (2.6–7.4)	10 520	195	78 (65–98)
2005	6	15 (13–18)	250 (205–299)	0.53 (0.36–0.73)	8.6 (5.9–12)	12 564	205	82 (69–100)
2006	6	16 (13–19)	250 (201–299)	0.56 (0.39–0.78)	9 (6.2–12)	12 620	201	81 (67–100)
2007	6	16 (15–19)	250 (234–299)	0.59 (0.43–0.8)	9.3 (6.6–12)	15 002	234	94 (78–100)
2008	7	16 (14–20)	250 (213–299)	0.62 (0.43–0.86)	9.5 (6.6–13)	13 984	213	85 (71–100)
2009	7	17 (14–20)	250 (209–294)	0.65 (0.46–0.89)	9.7 (6.8–13)	12 306	183	73 (62–88)
Philippines								
1990	62	250 (140–360)	393 (216–570)	0.075 (<0.01–0.48)	<			

TABLE A2.2 Incidence, notification and case detection rates, all forms, 1990–2009

YEAR	POPULATION (MILLIONS)	INCIDENCE (INCLUDING HIV)		INCIDENCE HIV-POSITIVE		NOTIFIED NEW AND RELAPSE ^a		CASE DETECTION RATE ^a
		NUMBER (THOUSANDS)	RATE ^b	NUMBER (THOUSANDS)	RATE ^b	NUMBER	RATE ^b	PERCENT
Republic of Korea								
1990	43	80 (64–96)	186 (149–223)	0.15 (0.048–0.3)	<1 (<1–<1)	63 904	149	80 (67–100)
1995	45	48 (42–55)	108 (94–123)	0.11 (0.04–0.2)	<1 (<1–<1)	42 117	94	87 (77–100)
2000	46	25 (22–28)	54 (47–61)	0.081 (0.045–0.13)	<1 (<1–<1)	21 782	47	87 (77–100)
2005	48	44 (38–50)	93 (80–105)	0.25 (0.14–0.38)	<1 (<1–<1)	38 290	80	87 (77–100)
2006	48	44 (38–49)	91 (79–103)	0.26 (0.15–0.4)	<1 (<1–<1)	37 861	79	87 (77–100)
2007	48	43 (38–49)	90 (78–102)	0.26 (0.15–0.41)	<1 (<1–<1)	37 554	78	87 (77–100)
2008	48	42 (37–48)	88 (77–99)	0.26 (0.15–0.4)	<1 (<1–<1)	36 847	77	87 (77–100)
2009	48	43 (39–50)	90 (80–104)	0.27 (0.15–0.42)	<1 (<1–<1)	38 741	80	89 (77–100)
Samoa								
1990	0	0.051 (0.044–0.074)	32 (27–46)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	44	27	86 (59–100)
1995	0	0.046 (0.045–0.055)	27 (27–33)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	45	27	98 (82–100)
2000	0	0.041 (0.033–0.049)	23 (19–28)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	43	24	104 (87–130)
2005	0	0.036 (0.029–0.043)	20 (16–24)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	24	13	67 (56–84)
2006	0	0.035 (0.028–0.042)	19 (16–23)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	25	14	72 (60–90)
2007	0	0.034 (0.027–0.04)	19 (15–23)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	–	–	–
2008	0	0.033 (0.026–0.039)	18 (15–22)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	12	7	37 (31–46)
2009	0	0.032 (0.026–0.038)	18 (14–21)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	16	9	51 (42–62)
Singapore								
1990	3	2 (1.6–2.4)	66 (53–79)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	1 591	53	80 (67–100)
1995	3	2.2 (1.9–2.5)	62 (54–71)	0.022 (<0.01–0.039)	<1 (<1–1.1)	1 889	54	87 (77–100)
2000	4	2 (1.7–2.2)	49 (43–56)	0.063 (0.035–0.1)	1.6 (<1–2.5)	1 728	43	87 (77–100)
2005	4	1.6 (1.4–1.8)	37 (32–41)	0.054 (0.033–0.079)	1.3 (<1–1.8)	1 356	32	87 (77–100)
2006	4	1.5 (1.3–1.7)	35 (30–39)	0.052 (0.032–0.076)	1.2 (<1–1.7)	1 313	30	87 (77–100)
2007	4	1.6 (1.4–1.8)	35 (30–39)	0.053 (0.033–0.078)	1.2 (<1–1.7)	1 359	30	87 (77–100)
2008	5	1.8 (1.5–2)	39 (34–44)	0.061 (0.038–0.089)	1.3 (<1–1.9)	1 548	34	87 (77–100)
2009	5	1.7 (1.5–2)	36 (32–42)	0.058 (0.042–0.077)	1.2 (<1–1.6)	1 525	32	89 (77–100)
Solomon Islands								
1990	0	0.98 (0.54–1.4)	312 (172–453)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	382	122	39 (27–71)
1995	0	0.87 (0.7–1)	240 (192–288)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	352	97	40 (34–51)
2000	0	0.77 (0.61–0.92)	185 (148–222)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	302	73	39 (33–49)
2005	0	0.67 (0.54–0.81)	142 (114–170)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	397	84	59 (49–74)
2006	0	0.65 (0.52–0.79)	135 (108–162)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	371	76	57 (47–71)
2007	0	0.64 (0.51–0.76)	128 (102–153)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	397	80	62 (52–78)
2008	1	0.62 (0.49–0.74)	121 (97–145)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	387	76	63 (52–78)
2009	1	0.6 (0.49–0.72)	115 (93–138)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	366	70	61 (51–75)
Tokelau								
1990	0	<0.01 (<0.01–<0.01)	69 (62–101)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	1	62	90 (62–100)
1995	0	<0.01 (<0.01–<0.01)	150 (133–180)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	2	133	89 (74–100)
2000	0	<0.01 (<0.01–<0.01)	<1 (<1–<1)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	0	<1	–
2005	0	<0.01 (<0.01–<0.01)	<1 (<1–<1)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	0	<1	–
2006	0	<0.01 (<0.01–<0.01)	<1 (<1–<1)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	0	<1	–
2007	0	<0.01 (<0.01–<0.01)	<1 (<1–<1)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	0	<1	–
2008	0	<0.01 (<0.01–<0.01)	<1 (<1–<1)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	0	<1	–
2009	0	<0.01 (<0.01–<0.01)	<1 (<1–<1)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	0	<1	–
Tonga								
1990	0	0.032 (0.023–0.046)	34 (24–49)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	23	24	72 (50–100)
1995	0	0.03 (0.024–0.036)	31 (24–37)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	20	21	67 (56–84)
2000	0	0.027 (0.024–0.033)	28 (24–33)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	24	24	88 (73–100)
2005	0	0.025 (0.02–0.031)	25 (20–30)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	18	18	71 (59–88)
2006	0	0.025 (0.02–0.03)	25 (20–29)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	18	18	72 (60–90)
2007	0	0.025 (0.023–0.03)	24 (22–29)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	23	22	93 (77–100)
2008	0	0.024 (0.02–0.029)	24 (19–28)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	13	13	53 (44–67)
2009	0	0.024 (0.02–0.029)	23 (19–28)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	8	8	33 (28–41)
Tuvalu								
1990	0	0.026 (0.023–0.038)	296 (258–430)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	23	258	87 (60–100)
1995	0	0.023 (0.018–0.028)	250 (200–300)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	36	390	156 (130–195)
2000	0	0.02 (0.016–0.024)	211 (169–253)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	16	168	79 (66–99)
2005	0	0.017 (0.014–0.021)	178 (142–214)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	12	123	69 (58–86)
2006	0	0.017 (0.013–0.02)	172 (138–206)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	9	92	53 (44–67)
2007	0	0.016 (0.013–0.02)	166 (133–200)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	18	183	110 (92–137)
2008	0	0.016 (0.013–0.019)	161 (129–193)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	17	172	107 (89–134)
2009	0	0.015 (0.013–0.019)	155 (126–187)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	18	181	117 (97–144)
Vanuatu								
1990	0	0.21 (0.14–0.3)	139 (94–201)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	140	94	67 (47–100)
1995	0	0.2 (0.16–0.24)	117 (93–140)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	79	46	39 (33–49)
2000	0	0.19 (0.15–0.22)	98 (80–118)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	152	80	82 (68–100)
2005	0	0.18 (0.14–0.21)	83 (66–99)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	76	35	43 (35–53)
2006	0	0.18 (0.14–0.21)	80 (64–96)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	126	57	71 (59–89)
2007	0	0.18 (0.14–0.21)	77 (62–92)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	122	54	69 (58–87)
2008	0	0.17 (0.14–0.21)	74 (60–89)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	103	44	59 (49–74)
2009	0	0.17 (0.14–0.21)	72 (58–87)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	134	56	78 (65–96)
Viet Nam								
1990	66	140 (110–180)	204 (168–279)	0.52 (0.19–1)	<1 (<1–1.6)	50 203	76	37 (27–45)
1995	73	150 (120–200)	204 (168–279)	1.5 (0.84–2.5)	2.1 (1.1–3.4)	55 739	76	37 (27–45)
2000	79	160 (130–220)	204 (168–278)	3.5 (2.1–5.3)	4.4 (2.7–6.7)	89 792	114	56 (41–68)
2005	84	170 (140–230)	202 (166–275)	6.4 (4–9.4)	7.6 (4.8–11)	94 916	113	56 (41–68)
2006	85	170 (140–240)	204 (168–279)	6.8 (4.3–10)	8 (5.1–12)	97 363	114	56 (41–68)
2007	86	170 (140–240)	202 (166–276)	7.7 (5–11)	8.9 (5.8–13)	97 400	113	56 (41–68)
2008	87	170 (140–240)	200 (165–274)	6.5 (4.3–9.5)	7.5 (4.9–11)	97 772	112	56 (41–68)
2009	88	180 (130–230)	200 (150–256)	7.4 (4.7–11)	8.4 (5.3–12)	95 036	108	54 (42–72)
Wallis and Futuna Islands								
1990	0	<0.01 (<0.01–0.013)	63 (35–91)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	–	–	–
1995	0	<0.01 (<0.01–<0.01)	47 (42–56)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	6	42	90 (75–100)
2000	0	<0.01 (<0.01–<0.01)	52 (41–62)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	–	–	–
2005	0	<0.01 (<0.01–<0.01)	52 (47–62)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	7	47	91 (76–100)
2006	0	<0.01 (<0.01–<0.01)	46 (37–55)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	–	–	–
2007	0	<0.01 (<0.01–<0.01)	15 (13–17)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	2	13	91 (76–100)
2008	0	<0.01 (<0.01–<0.01)	5.5 (4.4–6.6)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	–	–	–
2009	0	<0.01 (<0.01–<0.01)	1.2 (<1–1.5)	<0.01 (<0.01–<0.01)	<1 (<1–<1)	9	59	4907 (3883–6371)

^a Where notification data from a country had not been received by 31 August, the notification rate was assumed to be the same as for 2008 (in *italics*).^b Rates are per 100 000 population.

TABLE A2.3 Case notifications, 1990–2009

	NEW AND RELAPSE NOTIFICATION RATE ^a 1990–2009	YEAR	NEW AND RELAPSE ^a	NEW CASES				RELAPSE	RE-TREAT EXCL. RELAPSE	TOTAL RETREAT	HISTORY UNKNOWN	% SMEAR-POS AMONG NEW PULM		
				SMEAR-POSITIVE	SMEAR-NEGATIVE/ UNKNOWN	EXTRA-PULMONARY	OTHER							
American Samoa		1990	9									–		
		1995											–	
		2000	3	2	0	1	0	0	0	0	0	0	100	
		2005	6	3	2	0	0	1	0	1	0	0	60	
		2006	4	3		1								–
		2007	3	0	3	0	0	0	0	0	0	0	0	–
Australia		2008	3	0	3	0	0	0	0	0	0	0	0	
		2009	4	0	2	2	0	0	0	0	0	0	0	
		1990	1 016											–
		1995	1 073											–
		2000	1 043	251	362	369		17		17			41	
		2005	1 046	241	339	450		16	27	43			42	
Brunei Darussalam		2006	1 159	269	405	451	2	32	40	72	4	40		
		2007	1 115	281	372	428	0	34	13	47	5	43		
		2008	1 213	299	409	473	1	31	12	43	2	42		
		2009	1 217	267	391	511	7	41	20	61	77	41		
		1990	143											–
		1995	307	84	166	42		15		15			34	
Cambodia		2005	163	101	30	27		5	0	5	0	77		
		2006	202	128	15	35	12	12	0	12	2	94		
		2007	207	136	8	51	0	12	0	12	2	94		
		2008	223	132	28	43	8	12	0	12	0	83		
		2009	213	140	18	49	6	0	0	0	0	89		
		1990	6 501											–
China		1995	14 603	11 101	1 465	1 428		605		605		88		
		2000	18 891	14 822	1 108	2 147		814		814		93		
		2005	35 535	21 001	7 057	6 759		718	588	1 306		75		
		2006	34 660	19 294	6 875	7 800		691	806	1 497		74		
		2007	35 601	19 421	7 120	8 412		648	894	1 542		73		
		2008	38 927	19 860	7 847	10 678	0	542	893	1 435	0	72		
China, Hong Kong SAR		2009	39 202	17 863	8 378	12 529	0	432	997	1 429	0	68		
		1990	375 481											–
		1995	515 764	134 488	203 088	1 560		18 693		18 693		40		
		2000	454 372	204 765	229 943			19 664	53 480	73 144		47		
		2005	894 428	472 719	329 157	42 845		49 707	90 780	140 487	5 301	59		
		2006	940 889	468 291	382 492	38 294		47 526	70 499	118 025	4 286	55		
China, Macao SAR		2007	979 502	465 877	430 634	36 612	0	46 379	66 437	112 816	0	52		
		2008	975 821	462 596	431 115	35 546	2 863	43 701	58 378	102 079	0	52		
		2009	965 257	449 152	439 399	34 169	0	42 537	17 046	59 583	0	51		
		1990	6 510											–
		1995	6 212	0										–
		2000	6 015	1 940	3 115	772		188	594	782		38		
Cook Islands		2005	5 660	1 561	3 179	701	0	219	500	719	0	33		
		2006	5 536	1 537	2 908	697	0	394	230	624	0	35		
		2007	5 363	1 501	2 779	693	0	390	182	572	0	35		
		2008	5 544	1 459	2 981	728	0	376	185	561	0	33		
		2009	5 160	1 444	2 673	722	0	321	188	509	0	35		
		1990	343											–
Fiji		1995	402	141	94	70		49		49		60		
		2000	449	160	180	50		12		12		47		
		2005	355	136	162	43	0	14	17	31	43	46		
		2006	374	144	174	45	0	11	24	35	39	45		
		2007	342	138	147	29	0	28	18	46	41	48		
		2008	359	139	150	49	0	21	17	38	35	48		
French Polynesia		2009	308	116	130	45	0	17	28	45	35	47		
		1990	0	0	0	0	0	0	0	0	0	–		
		1995	2	2	0	0	0	0	0	0	0	100		
		2000	1	0	1	0	0	0	0	0	0	0		
		2005	1	1	0	0	0	0	0	0	0	100		
		2006	1	0	0	1	0	0	0	0	0	–		
Guam		2007	1	0	0	0	0	0	0	0	0	–		
		2008	2	2	0	0	0	0	0	0	0	100		
		2009	1	1	0	0	0	0	0	0	0	100		
		1990	226	84	105	37							44	
		1995	203	68	99	34		2	0	2		41		
		2000	144	62	42	40		0	0	0		60		
Japan		2005	132	63	29	40						68		
		2006	114	73	22	18	0	1	0	1	0	77		
		2007	94	52	7	34	0	1	0	1	0	88		
		2008	106	78	5	19	0	4	0	4	0	94		
		2009	144	83	21	38	0	2	0	2	0	80		
		1990	59											–
Kiribati		1995	62	29	19	10		1		1		60		
		2005	63	21	25	14		3	0	3	0	46		
		2006	69	24	28	15	0	2	0	2	0	46		
		2007	64	19	32	11	0	2	0	2	0	37		
		2008	50	20	18	10	0	2	0	2	0	53		
		2009	53	17	17	14	0	5	0	5	0	50		
Japan		1990	51 821											–
		1995	43 078	14 367	25 172	2 803		736		736		36		
		2000	39 384	11 853	19 118	7 046		1 367		1 367		38		
		2005	27 194	10 931	10 056	5 340		867	1 125	1 992		52		
		2006	25 304	10 159	9 098	5 203		844	1 080	1 924		53		
		2007	24 779	9 433	9 051	5 142	0	1 153	532	1 685	0	51		
Kiribati		2008	24 181	8 995	8 856	5 073	0	1 257	579	1 836	0	50		
		2009	23 631	8 853	8 591	4 975	0	1 212	539	1 751	0	51		
		1990	68											–
		1995	252	54	47	106		3		3		53		
		2005	332	124	79	126		3	7	10		61		
		2006	378	129	121	124		4	1	5	0	52		
Kiribati		2007	334	103	78	147	0	6	18	24	0	57		
		2008	335	147	71	107	0	10	7	17	0	67		
		2009	278	145	70	59	0	4	0	4	0	67		

^a Rates are per 100 000 population. Where notification data from a country had not been received by 31 August, the notification rate was assumed to be the same as for 2008 (in italics).

TABLE A2.3 Case notifications, 1990–2009

	NEW AND RELAPSE NOTIFICATION RATE ^a 1990–2009	YEAR	NEW AND RELAPSE ^a	NEW CASES				RELAPSE	RE-TREAT EXCL. RELAPSE	TOTAL RETREAT	HISTORY UNKNOWN	% SMEAR-POS AMONG NEW PULM
				SMEAR-POSITIVE	SMEAR-NEGATIVE/ UNKNOWN	EXTRA-PULMONARY	OTHER					
Lao People's Democratic Republic		1990	1 826									–
		1995	830	478	404	95		2		2		54
		2000	2 227	1 526	457	180		64		64		77
		2005	3 777	2 806	485	277	65	144	41	185	65	85
		2006	3 958	3 041	457	325	0	135	36	171		87
		2007	3 905	3 080	437	266	0	122	29	151	76	88
		2008	4 048	3 079	519	298	0	152	28	180	76	86
Malaysia		1990	11 702									–
		1995	11 778	6 688	4 021	1 069		210		210		62
		2000	15 057	8 156	5 517	1 384		0		0		60
		2005	15 342	8 446	4 862	1 702	0	332	651	983	73	63
		2006	16 051	9 414	4 336	1 920	0	381	614	995		68
		2007	16 129	9 578	4 086	2 107	0	358	789	1 147	0	70
		2008	17 144	10 441	3 814	2 197	0	692	362	1 054	0	73
Marshall Islands		1990	17 341	9 981	4 596	2 344	0	420	761	1 181	0	68
		1995										–
		2000	34	11	25	9		0		0		31
		2005	111	48	31	28		4	1	5	0	61
		2006	138	45	43	41		9	9	18	1	51
		2007	158	19	97	36	0	6	5	11	0	16
		2008	125	28	62	30	0	5	2	7	0	31
Micronesia (Federated States of)		2009	135	52	71	12	0	0	2	2	6	42
		1990	367									–
		1995	172	9	79	18		2		2		10
		2000	91	15	69	4		3		3		18
		2005	98	32	35	19	5	7	14	21		48
		2006	104	41	37	23	0	3	9	12	0	53
		2007	137	47	62	28	0	0	5	5	3	43
Mongolia		2008	164	38	89	30	4	3	2	5	0	30
		2009	148	61	47	38	0	2	7	9	0	56
		1990	1 659	0								–
		1995	2 780	455	1 330	976		82		82		25
		2000	3 109	1 389	732	862		126		126		65
		2005	4 601	1 868	897	1 620	0	216	125	341	0	68
		2006	5 049	2 129	724	1 922	0	274	167	441	0	75
Nauru		2007	4 654	1 856	673	1 832	0	293	316	609	0	73
		2008	4 490	1 838	640	1 745	0	267	277	544	0	74
		2009	4 481	1 809	726	1 683	0	263	306	569	0	71
		1990	7									–
		1995										–
		2000	4	4	0	0		0		0		100
		2005	11	0	11							0
New Caledonia		2006	12	2	4	4	2	0	0	0	0	33
		2007	3	3	0	0	0	0	1	1	0	100
		2008	5	2	2	0	0	1	2	3	0	50
		2009	5									–
		1990	143									–
		1995	87	21	81	9		4		4		21
		2000	94	20	15	29		4		4		57
New Zealand		2005	47	16	15	15		1	6	7	0	52
		2006	48	9	22	10	0	7	0	7	2	29
		2007	47	12	15	16	0	4	0	4	0	44
		2008	44	9	22	10	0	3	1	4	6	29
		2009	54	15	26	13	0	0	9	9	0	37
		1990	348									–
		1995	391	78	222	34		4		4		26
Niue		2000	344	74	133	130		7	0	7		36
		2005	332	83	114	95	29	11	8	19		42
		2006	344	97	103	105	30	9	11	20	0	49
		2007	274	81	108	75	6	4	13	17	0	43
		2008	292	101	91	92	2	6	5	11		53
		2009	298	90	90	102	11	5	4	9		50
		1990	0									–
Northern Mariana Islands		1995	0	0	1				0			0
		2000	0	0	0							–
		2005	0	0								–
		2006	0	0	0	0	0	0	0	0	0	–
		2007	0	0	0	0	0	0	0	0	0	–
		2008	0	0	0	0	0	0	0	0	0	–
		2009	0	0	0	0	0	0	0	0	0	–
Palau		1990	28									–
		1995	48	14	26	8		0		0		35
		2000	75	27	37	11		0		0		42
		2005	57	15	35	7	0	0	0	0	0	30
		2006	51	15	32	4	0	0	0	0	0	32
		2007	44	14	28	2	0	0	0	0	0	33
		2008	28	13	12	3	0	0	2	2	0	52
Papua New Guinea		2009	38	16	16	6	0	0	0	0	0	50
		1990	19	9	6	4		0		0		60
		1995										–
		2000	10	3	6	1		0	0	0		33
		2006	12	6	2	4	0	0	0	0	0	75
		2007	11	5	3	3	0	0	0	0	0	63
		2008										–
Philippines		2009	19	6	9	4	0	0	0	0	0	40
		1990	2 497									–
		1995	8 041	1 652	3 767	2 349		273		273		30
		2000	10 520	1 933	4 405	3 227		955		955		30
		2005	12 564	1 805	5 105	4 198		1 456		1 456		26
		2006	12 620	1 948	5 969	4 575		1 28	912	1 040		25
		2007	15 002	2 087	5 731	7 088	0	96	1 181	1 277		27
Papua New Guinea		2008	13 984	2 323	5 340	4 522		1 799		1 799	0	30
		2009	12 306	2 238	4 768	4 826		474	914	1 388		32
		1990	317 008									–
		1995	119 186	94 768	140 712	8		8		8		40
		2000	119 914	67 056	52 858							56
		2005	137 100	81 647	50 347	1 149	0	3 957		3 957		62
		2006	147 305	85 740	55 964	1 445	0	4 156	912	5 068	0	61
Philippines		2007	140 588	86 566	49 422	1 513	0	3 087	1 988	5 075	0	64
		2008	139 603	85 025	49 916	2 085	0	2 577	6 289	8 866	0	63
		2009	145 075	87 726	51 653	2 723	0	2 973	6 581	9 554	0	63

^a Rates are per 100 000 population. Where notification data from a country had not been received by 31 August, the notification rate was assumed to be the same as for 2008 (in italics).

TABLE A2.3 Case notifications, 1990–2009

	NEW AND RELAPSE NOTIFICATION RATE ^a 1990–2009	YEAR	NEW AND RELAPSE ^a	NEW CASES				RELAPSE	RE-TREAT EXCL. RELAPSE	TOTAL RETREAT	HISTORY UNKNOWN	% SMEAR-POS AMONG NEW PULM	
				SMEAR-POSITIVE	SMEAR-NEGATIVE/ UNKNOWN	EXTRA-PULMONARY	OTHER						
Republic of Korea		1990	63 904									–	
		1995	42 117	11 754	19 360			2 082		2 082		38	
		2000	21 782	8 216	11 304			2 262		2 262		42	
		2005	38 290	11 638	18 460	5 171	0	3 021	4 077	7 098	4 602	39	
		2006	37 861	11 513	18 804	5 044	0	2 500	4 202	6 702	4 221	38	
		2007	37 554	10 927	18 778	5 005	0	2 844	3 739	6 583	4 304	37	
		2008	36 847	11 048	17 292	5 813	0	2 694	3 616	6 310	3 707	39	
2009	38 741	11 285	17 634	6 923	0	2 899	3 981	6 880	4 577	39			
Samoa		1990	44									–	
		1995	45	15	30	6		0		0		33	
		2000	43	13	18	12		0		0		42	
		2005	24	11	8	5	0	0	0	0	0	58	
		2006	25	13	8	2	0	2	1	3	0	62	
		2007											–
		2008	12	6	5	1	0	0	0	0	0	55	
2009	16	8	5	3	0	0	0	0	0	62			
Singapore		1990	1 591									–	
		1995	1 889	455	1 187	127		120		120		28	
		2000	1 728	248	869	165		55		55		22	
		2005	1 356	552	570	174	0	60	93	153	20	49	
		2006	1 313	537	525	183	0	68	96	164	10	51	
		2007	1 359	504	564	181	0	110	39	149	7	47	
		2008	1 548	525	672	240	0	111	40	151	13	44	
2009	1 525	552	655	235	0	83	49	132	0	46			
Solomon Islands		1990	382									–	
		1995	352	109	133	97		13		13		45	
		2000	302	109	128	65		0		0		46	
		2005	397	169	161	62	0	5	0	5	0	51	
		2006	371	124	168	74	0	5	0	5	0	42	
		2007	397	142	147	99	0	9	0	9	0	49	
		2008	387	140	136	97	0	14	0	14	0	51	
2009	366	138	86	140	0	2	0	2	0	62			
Tokelau		1990	1									–	
		1995	2	1	1	0		0		0		50	
		2000	0	0	0	0	0	0	0	0	0	–	
		2005	0	0	0	0	0	0	0	0	0	–	
		2006	0	0	0	0	0	0	0	0	0	–	
		2007	0	0	0	0	0	0	0	0	0	–	
		2008	0	0	0	0	0	0	0	0	0	–	
2009	0	0	0	0	0	0	0	0	0	–			
Tonga		1990	23									–	
		1995	20	9	2	9		0		0		82	
		2000	24	15	5	3		1		1		75	
		2005	18	11	3	4						79	
		2006	18	14	3	1	0	0	0	0	0	82	
		2007	23	14	5	4	0	0	0	0	0	74	
		2008	13	11	0	2	0	0	0	0	0	100	
2009	8	6	1	1	0	0	0	0	0	86			
Tuvalu		1990	23									–	
		1995	36	6	13	16		1		1		32	
		2000	16	0	7	7						0	
		2005	12	5	3	4			3	3		63	
		2006	9	4	3	2	0	0	0	0	0	57	
		2007	18	12	1	2	2	1	0	2	0	92	
		2008	17	9	5	3	0	0	2	2	0	64	
2009	18	8	0	10	0	0	0	0	0	100			
Vanuatu		1990	140									–	
		1995	79	30	27	21		1		1		53	
		2000	152	63	56	28		5		5		53	
		2005	76	35	21	17	0	3	5	8	0	63	
		2006	126	42	37	47	0	0	2	2	4	53	
		2007	122	41	38	43	0	0	0	0	0	52	
		2008	103	45	19	39	0	0	1	1	0	70	
2009	134	47	24	62	0	1	2	3	0	66			
Viet Nam		1990	50 203									–	
		1995	55 739	37 550	8 379	6 194		3 616		3 616		82	
		2000	89 792	53 169	17 993	13 137		5 493		5 493		75	
		2005	94 916	55 492	16 429	16 670	0	6 325	976	7 301	0	77	
		2006	97 363	56 437	16 645	17 711	0	6 570	921	7 491	0	77	
		2007	97 400	54 457	17 554	18 675	0	6 714	944	7 658	0	76	
		2008	97 772	53 484	19 056	18 610	0	6 622	912	7 534	0	74	
2009	95 036	51 291	18 612	18 333	0	6 800	1 331	8 131	1 825	73			
Wallis and Futuna Islands		1990	6									–	
		1995	6	3	2	0		1		1		60	
		2000										–	
		2005	7	1	6							14	
		2006										–	
		2007	2	1	1	0	0	0	0	0	0	50	
		2008										–	
2009	9	2	7	0	0	0	0	0	0	22			

^a Rates are per 100 000 population. Where notification data from a country had not been received by 31 August, the notification rate was assumed to be the same as for 2008 (in italics).

TABLE A2.4 Treatment outcomes, new smear-positive cases, 1995–2008

	TREATMENT SUCCESS (%) ^a 1995–2008	YEAR	NUMBER NOTIFIED	SIZE OF COHORT	COHORT AS % NOTIFIED	% OF COHORT					
						CURED	COMPLETED	DIED	FAILED	DEFAULTED	NOT EVALUATED
American Samoa		1995	2	4	–	100	0	0	0	0	0
		2000	2	2	100	0	100	0	0	0	0
		2005	3	4	133	75	–	–	–	–	25
		2006	3	0	0	–	–	–	–	–	–
		2007	0	0	–	–	–	–	–	–	–
Australia		1995	251	238	95	27	45	9	0	3	16
		2000	241	241	100	12	68	10	0	2	8
		2005	269	370	138	13	72	6	0	1	8
		2006	281	498	177	7	77	6	0	2	7
		2007	299	587	196	7	73	6	1	1	12
Brunei Darussalam		1995	84	84	100	42	21	17	0	4	17
		2000	101	101	100	66	5	7	0	2	20
		2005	128	153	120	84	0	5	0	0	11
		2006	136	136	100	63	13	4	0	2	18
		2007	132	140	106	72	11	9	0	0	7
Cambodia		1995	11 101	4 363	39	83	8	2	1	4	2
		2000	14 822	14 775	100	88	4	4	0	4	1
		2005	21 001	21 001	100	89	4	3	0	2	2
		2006	19 294	19 349	100	90	3	3	0	2	2
		2007	19 421	19 429	100	91	3	3	0	1	2
China		1995	134 488	131 413	98	72	22	2	1	1	3
		2000	204 765	213 766	104	93	1	2	1	1	3
		2005	472 719	472 719	100	92	2	2	1	1	3
		2006	468 291	470 436	100	92	2	1	1	1	3
		2007	465 877	465 877	100	93	2	1	1	1	3
China, Hong Kong SAR		1995	0	–	–	–	–	–	–	–	–
		2000	1 940	1 940	100	55	5	5	6	4	24
		2005	1 561	1 561	100	60	3	5	9	3	20
		2006	1 537	1 537	100	59	5	4	9	3	20
		2007	1 501	1 481	99	59	7	11	14	6	3
China, Macao SAR		1995	141	–	–	–	–	–	–	–	–
		2000	160	160	100	81	8	6	0	4	1
		2005	136	136	100	93	0	4	0	1	3
		2006	144	144	100	88	0	4	0	3	5
		2007	138	251	182	49	42	6	0	1	2
Cook Islands		1995	2	2	100	100	0	0	0	0	0
		2000	0	–	–	–	–	–	–	–	–
		2005	1	1	100	100	0	0	0	0	0
		2006	0	–	–	–	–	–	–	–	–
		2007	2	2	100	50	0	0	0	50	0
Fiji		1995	68	73	107	78	8	7	0	3	4
		2000	62	62	100	81	5	5	0	8	2
		2005	63	68	108	71	0	10	0	10	9
		2006	73	73	100	66	4	4	0	30	0
		2007	52	78	150	81	5	5	10	4	4
French Polynesia		1995	33	–	–	62	0	3	0	21	9
		2000	29	62	214	0	97	2	2	0	0
		2005	21	18	86	89	11	0	0	0	0
		2006	24	26	108	85	0	12	0	4	0
		2007	19	26	137	85	0	12	0	4	0
Guam		1995	–	–	–	–	–	–	–	–	–
		2000	43	43	100	93	0	7	0	0	0
		2005	27	27	100	85	0	11	0	0	4
		2006	21	21	100	90	0	5	0	0	5
		2007	5	36	720	89	0	6	0	0	6
Japan		1995	14 367	–	–	–	–	–	–	–	–
		2000	11 853	10 348	87	30	15	5	4	1	44
		2005	10 931	10 931	100	38	22	11	3	1	26
		2006	10 159	8 609	85	20	33	21	2	6	18
		2007	9 433	9 421	100	17	29	18	1	5	30
Kiribati		1995	31	–	–	45	42	13	0	0	0
		2000	54	54	100	83	7	7	2	0	0
		2005	124	123	99	62	31	7	0	1	0
		2006	129	126	98	61	29	10	0	1	0
		2007	103	100	97	79	14	7	0	0	0
Lao People's Democratic Republic		1995	478	343	72	62	8	6	2	19	4
		2000	1 526	1 588	104	68	9	7	0	9	7
		2005	2 806	2 802	100	85	5	5	1	3	1
		2006	3 041	3 047	100	88	3	5	0	2	1
		2007	3 080	3 080	100	91	2	6	0	1	0
Malaysia		1995	6 688	13 398	200	69	0	6	2	8	14
		2000	8 156	7 915	97	0	78	8	0	10	4
		2005	8 446	8 446	100	69	1	9	0	5	16
		2006	9 414	9 414	100	46	3	6	0	3	42
		2007	9 578	10 236	107	67	5	8	0	5	15
Marshall Islands		1995	–	163	–	3	21	7	0	67	1
		2000	11	11	100	64	27	0	0	9	0
		2005	48	47	98	85	2	2	0	2	9
		2006	45	44	98	73	2	11	0	0	14
		2007	19	27	142	93	4	0	0	4	0
Micronesia (Federated States of)		1995	9	10	111	80	0	10	0	10	0
		2000	15	14	93	93	0	7	0	0	0
		2005	32	20	63	75	5	10	5	0	5
		2006	41	78	190	60	29	6	1	1	1
		2007	47	52	111	25	40	8	2	4	21
2008	38	59	155	39	8	2	0	2	49		

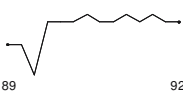
^a TREATMENT SUCCESS = percent cured + percent completed then rounded to the nearest digit.

TABLE A2.4 Treatment outcomes, new smear-positive cases, 1995–2008

	TREATMENT SUCCESS (%) ^a 1995–2008	YEAR	NUMBER NOTIFIED	SIZE OF COHORT	COHORT AS % NOTIFIED	% OF COHORT					
						CURED	COMPLETED	DIED	FAILED	DEFAULTED	NOT EVALUATED
Mongolia		1995	455	455	100	66	7	8	6	10	2
		2000	1 389	1 389	100	83	4	3	3	4	3
		2005	1 868	1 868	100	82	6	3	5	3	2
		2006	2 129	2 129	100	84	4	2	7	2	1
		2007	1 856	1 855	100	85	4	2	6	2	0
Nauru		1995	4	4	100	25	0	0	0	0	75
		2000	0	0	0	0	67	33	0	0	0
		2005	2	2	100	50	50	0	0	0	0
		2006	3	2	67	0	100	0	0	0	0
		2007	2	3	150	33	67	0	0	0	0
New Caledonia		1995	21	32	152	75	13	13	0	3	9
		2000	20	45	225	33	56	9	2	2	0
		2005	16	16	100	88	6	6	0	0	0
		2006	9	9	100	89	11	11	0	0	0
		2007	12	13	108	69	8	23	0	0	0
New Zealand		1995	78	78	100	5	25	23	0	1	47
		2000	74	73	99	0	60	6	0	1	33
		2005	83	84	101	0	70	7	0	4	19
		2006	97	101	104	0	86	7	0	1	6
		2007	81	84	104	0	73	8	0	3	15
Niue		1995	0	0	0	0	0	0	0	0	0
		2000	0	0	0	0	0	0	0	0	0
		2005	0	0	0	0	0	0	0	0	0
		2006	0	0	0	0	0	0	0	0	0
		2007	0	0	0	0	0	0	0	0	0
Northern Mariana Islands		1995	14	14	100	81	0	0	0	0	19
		2000	27	27	100	73	0	0	0	0	27
		2005	15	15	100	42	42	0	0	0	15
		2006	14	13	93	0	92	0	0	0	8
		2007	13	13	100	77	8	0	0	0	15
Palau		1995	9	9	100	56	11	0	0	11	22
		2000	3	3	100	100	0	0	0	0	0
		2005	6	5	83	40	20	20	0	0	20
		2006	5	0	0	0	0	0	0	0	0
		2007	0	0	0	0	0	0	0	0	0
Papua New Guinea		1995	1 652	4 904	297	56	4	0	15	25	
		2000	1 933	422	22	39	24	2	0	26	9
		2005	1 805	1 292	72	57	14	4	1	19	5
		2006	1 948	1 494	77	59	15	3	2	21	0
		2007	2 087	2 087	100	33	6	1	2	6	51
Philippines		1995	94 768	90 297	95	54	6	1	1	5	34
		2000	67 056	50 196	75	73	15	2	1	6	3
		2005	81 647	81 125	99	82	7	2	1	4	3
		2006	85 740	85 797	100	80	8	2	1	4	4
		2007	86 566	86 566	100	79	10	2	1	4	3
Republic of Korea		1995	11 754	11 675	99	74	2	2	3	5	14
		2000	8 216	3 231	39	81	2	2	1	3	12
		2005	11 638	3 752	32	81	2	1	1	4	11
		2006	11 513	3 422	30	78	2	1	1	3	15
		2007	10 927	3 987	36	81	1	1	1	4	12
Samoa		1995	15	15	100	13	67	20	0	0	0
		2000	13	13	100	85	8	8	0	0	0
		2005	11	11	100	91	0	9	0	0	0
		2006	13	0	0	0	0	0	0	0	0
		2007	13	13	100	85	8	0	8	0	0
Singapore		1995	455	122	27	71	15	2	0	11	0
		2000	248	242	98	71	14	0	14	0	
		2005	552	548	99	83	14	0	2	1	
		2006	537	537	100	70	14	14	0	1	1
		2007	504	859	170	62	19	16	0	1	1
Solomon Islands		1995	109	368	338	65	6	0	4	26	
		2000	109	109	100	73	7	5	0	4	11
		2005	169	109	100	56	30	8	0	4	2
		2006	124	124	100	73	16	3	1	5	2
		2007	142	142	100	75	17	6	0	1	1
Tokelau		1995	1	1	100	82	11	2	0	1	3
		2000	0	0	0	0	0	0	0	0	0
		2005	0	0	0	0	0	0	0	0	0
		2006	0	0	0	0	0	0	0	0	0
		2007	0	0	0	0	0	0	0	0	0
Tonga		1995	9	20	222	75	0	10	5	0	10
		2000	15	15	100	93	0	0	7	0	0
		2005	11	11	100	73	0	18	0	0	9
		2006	14	14	100	100	0	0	0	0	0
		2007	14	14	100	93	0	7	0	0	0
Tuvalu		1995	6	6	100	100	0	0	0	0	0
		2000	0	7	0	0	86	0	0	14	0
		2005	5	6	120	100	0	0	0	0	0
		2006	4	4	100	75	0	0	0	25	0
		2007	12	16	133	56	19	13	0	6	6
Vanuatu		1995	30	13	43	38	46	15	0	0	0
		2000	63	26	41	77	12	8	0	4	0
		2005	35	42	120	64	17	10	7	2	0
		2006	42	42	100	88	2	2	2	0	5
		2007	41	42	102	81	12	2	0	0	5
2008	45	43	96	63	28	5	2	2	0		

^a TREATMENT SUCCESS = percent cured + percent completed then rounded to the nearest digit.

TABLE A2.4 Treatment outcomes, new smear-positive cases, 1995–2008

	TREATMENT SUCCESS (%) ^a 1995–2008	YEAR	NUMBER NOTIFIED	SIZE OF COHORT	COHORT AS % NOTIFIED	% OF COHORT					
						CURED	COMPLETED	DIED	FAILED	DEFAULTED	NOT EVALUATED
Viet Nam		1995	37 550	38 189	102	84	5	3	2	4	2
		2000	53 169	53 169	100	90	2	3	1	2	2
		2005	55 492	55 492	100	90	2	3	1	1	2
		2006	56 437	56 085	99	90	2	3	1	2	2
		2007	54 457	54 457	100	89	2	3	1	2	2
		2008	53 484	53 482	100	90	2	3	1	2	2
Wallis and Futuna Islands	-	1995	3	-	-	-	-	-	-	-	-
		2000	-	-	-	-	-	-	-	-	-
		2005	1	-	-	-	-	-	-	-	-
		2006	-	4	-	50	50	0	0	0	0
		2007	1	-	-	-	-	-	-	-	-
		2008	100	3	-	100	0	0	0	0	0

^a TREATMENT SUCCESS = percent cured + percent completed then rounded to the nearest digit.

TABLE A2.5 Treatment outcomes, retreatment cases, 1995–2008

	TREATMENT SUCCESS (%) ^a 1995–2008	YEAR	NUMBER NOTIFIED	SIZE OF COHORT	COHORT AS % NOTIFIED	% OF COHORT					
						CURED	COMPLETED	DIED	FAILED	DEFAULTED	NOT EVALUATED
American Samoa		1995			–						
		2000	0		–						
		2005	1	1	100		100				0
		2006	0	0	–						
		2007	0	0	–						
		2008	0	0	–						
Australia		1995			–						
		2000	17	11	65	9	73	9	0	0	9
		2005	43	43	100	16	56	5	0	5	19
		2006	72	66	92	8	80	5	0	2	6
		2007	47	55	117	7	69	5	0	4	15
		2008	43	50	116	4	62	12	0	2	20
Brunei Darussalam		1995			–						
		2000	15		–						
		2005	5	5	100	40	40	20	0	0	0
		2006	12	3	25	100	0	0	0	0	0
		2007	12	12	100	75	25	0	0	0	0
		2008	12		–						
Cambodia		1995	605	436	72	59	26	5	3	3	4
		2000	814	827	102	85	5	6	1	4	0
		2005	1 306	1 306	100	49	27	9	2	3	11
		2006	1 497	1 389	93	48	37	6	2	2	4
		2007	1 542	711	46	77	6	6	4	2	5
		2008	1 435	597	42	74	5	7	5	3	6
China		1995	18 693	54 052	289	90	2	2	3	1	1
		2000	73 144	43 252	59	86	2	1	1	1	8
		2005	140 487	89 239	64	85	5	3	3	1	4
		2006	118 025	78 146	66	85	5	2	2	1	5
		2007	112 816	70 163	62	84	5	2	2	1	5
		2008	102 079	64 023	63	85	4	2	2	1	5
China, Hong Kong SAR		1995			–						
		2000	782	218	28	27	26	4	17	18	8
		2005	719	716	100	40	18	4	9	7	22
		2006	624	622	100	39	22	5	11	5	18
		2007	572	555	97	0	61	6	8	5	19
		2008	561	526	94	21	45	13	0	5	16
China, Macao SAR		1995	49		–						
		2000	12	37	308	68	16	11	0	5	0
		2005	31	37	119	51	24	11	0	0	14
		2006	35	33	94	45	45	3	0	0	6
		2007	46	46	100	37	35	13	0	0	15
		2008	38	38	100	55	26	3	0	3	13
Cook Islands		1995	0		–						
		2000	0		–						
		2005	0	0	–						
		2006	0		–						
		2007	0		–						
		2008	0	0	–						
Fiji		1995	2		–						
		2000	0		–						
		2005		0	–						
		2006	1		–						
		2007	1		–						
		2008	4	0	0						
French Polynesia		1995		2	–	50	0	50	0	0	0
		2000	1		–						
		2005	3	4	133		75	25			0
		2006	2	4	200	50	0	50	0	0	0
		2007	2	4	200	50	0	50	0	0	0
		2008	2	4	200		75	0	0	25	0
Guam		1995			–						
		2000	1		–						
		2005	2	2	100	50	0	0	0	50	0
		2006	0	0	–						
		2007	2	1	50	100					0
		2008	1	0	0						
Japan		1995	736		–						
		2000	1 367	1 169	86	31	15	5	6	1	41
		2005	1 992	1 992	100	29	16	8	2	2	43
		2006	1 924	1 030	54	13	31	12	2	9	33
		2007	1 685	1 423	84	14	24	13	1	9	39
		2008	1 836	1 547	84	14	30	16	1	8	31
Kiribati		1995			–						
		2000	3	9	300	89	0	11	0	0	0
		2005	10	3	30	100					0
		2006	5	15	300	20	60	7	0	13	0
		2007	24	5	21	100	0	0	0	0	0
		2008	17	17	100	53	24	12	0	12	0
Lao People's Democratic Republic		1995	2	1	50	100	0	0	0	0	0
		2000	64	64	100	41	8	11	8	11	22
		2005	185	181	98	75	12	6	2	5	1
		2006	171	170	99	78	5	8	4	2	4
		2007	151	149	99	83	3	7	5	3	0
		2008	180	153	85	86	3	9	1	0	1
Malaysia		1995	210		–						
		2000	0		–						
		2005	983	1 056	107	46	9	8	1	9	27
		2006	995	995	100	19	17	5	1	6	53
		2007	1 147	1 362	119	23	18	7	2	27	22
		2008	1 054	1 171	111	36	26	11	1	5	22
Marshall Islands		1995			–						
		2000	0		–						
		2005	5	20	400	60	10				30
		2006	18	16	89	31	6	6			56
		2007	11	16	145	13	63	13	0	13	0
		2008	7	2	29	0	50	50	0	0	0
Micronesia (Federated States of)		1995	2	9	450	100	0	0	0	0	0
		2000	3	20	667	25	60	5	10	0	0
		2005	21	9	43	11	89				0
		2006	12	2	17	50	0	0	0	0	50
		2007	5	8	160	0	25	75	0	0	0
		2008	5	5	100	40	20	20	0	0	20


^a TREATMENT SUCCESS = percent cured + percent completed then rounded to the nearest digit.

TABLE A2.5 Treatment outcomes, retreatment cases, 1995–2008

	TREATMENT SUCCESS (%) ^a 1995–2008	YEAR	NUMBER NOTIFIED	SIZE OF COHORT	COHORT AS % NOTIFIED	% OF COHORT					
						CURED	COMPLETED	DIED	FAILED	DEFAULTED	NOT EVALUATED
Mongolia		1995	82	23	28	61	0	9	13	13	4
		2000	126	126	100	57	14	8	8	7	6
		2005	341	443	130	39	34	9	11	4	3
		2006	441	531	120	41	30	9	12	5	3
		2007	609	609	100	43	33	6	12	5	1
Nauru		1995	544	385	71	51	22	6	16	4	1
		2000	0	0	0	0	0	0	0	0	0
		2005	0	0	0	0	0	0	0	0	0
		2006	0	0	0	0	0	0	0	0	0
		2007	1	1	100	0	100	0	0	0	0
New Caledonia		2008	3	0	0	0	0	0	0	0	0
		1995	4	4	100	100	0	0	0	0	0
		2000	4	4	100	100	0	0	0	0	0
		2005	7	7	100	86	0	14	0	0	0
		2006	7	7	100	71	0	29	0	0	0
New Zealand		2007	4	2	50	100	0	0	0	0	0
		2008	4	5	125	0	40	40	20	0	0
		1995	4	4	100	0	30	4	0	0	65
		2000	7	23	329	0	67	0	0	0	33
		2005	19	18	95	0	90	10	0	0	0
Niue		2006	20	20	100	0	65	24	0	0	12
		2007	17	17	100	0	91	0	0	0	9
		2008	11	11	100	0	0	0	0	0	0
		1995	0	0	0	0	0	0	0	0	0
		2000	0	0	0	0	0	0	0	0	0
Northern Mariana Islands		2005	0	0	0	0	0	0	0	0	0
		2006	0	0	0	0	0	0	0	0	0
		2007	0	2	0	0	100	0	0	0	0
		2008	2	0	0	0	0	0	0	0	0
		1995	0	0	0	0	0	0	0	0	0
Palau		2000	0	0	0	0	0	0	0	0	0
		2005	0	0	0	0	0	0	0	0	0
		2006	0	0	0	0	0	0	0	0	0
		2007	0	0	0	0	0	0	0	0	0
		2008	0	0	0	0	0	0	0	0	0
Papua New Guinea		1995	273	68	7	29	35	4	1	21	9
		2000	955	65	4	42	14	15	6	20	3
		2005	1 456	65	4	42	14	15	6	20	3
		2006	1 040	65	4	42	14	15	6	20	3
		2007	1 277	65	4	42	14	15	6	20	3
Philippines		2008	1 799	65	4	42	14	15	6	20	3
		1995	8	65	63	17	5	4	5	6	
		2000	8	65	63	17	5	4	5	6	
		2005	3 957	81	53	18	4	6	7	11	
		2006	5 068	43	56	15	4	4	7	14	
Republic of Korea		2007	5 075	43	56	15	4	4	7	14	
		2008	8 866	43	56	15	4	4	7	14	
		1995	2 082	96	39	1	1	2	3	53	
		2000	2 262	131	6	59	2	3	3	12	21
		2005	7 098	3 331	47	72	3	2	0	6	18
Samoa		2006	6 702	2 261	34	69	3	1	1	5	21
		2007	6 583	2 698	41	70	2	1	1	6	20
		2008	6 310	2 476	39	74	2	1	1	6	16
		1995	0	0	0	0	0	0	0	0	0
		2000	0	0	0	0	0	0	0	0	0
Singapore		2005	0	0	0	0	0	0	0	0	0
		2006	3	0	0	0	0	0	0	0	0
		2007	0	1	100	0	0	0	0	0	0
		2008	0	0	0	0	0	0	0	0	0
		1995	120	0	0	0	0	0	0	0	0
Solomon Islands		2000	55	0	0	0	0	0	0	0	
		2005	153	149	97	79	15	0	5	1	
		2006	164	164	100	47	29	18	0	4	2
		2007	149	116	78	71	11	15	1	3	0
		2008	151	149	99	40	30	22	0	3	5
Tokelau		1995	13	0	0	0	0	0	0	0	0
		2000	0	0	0	0	0	0	0	0	0
		2005	5	5	100	20	40	20	20	0	0
		2006	5	5	100	60	40	0	0	0	0
		2007	9	9	100	78	22	0	0	0	0
Tonga		2008	14	14	100	79	21	0	0	0	0
		1995	0	0	0	0	0	0	0	0	0
		2000	0	0	0	0	0	0	0	0	0
		2005	0	0	0	0	0	0	0	0	0
		2006	0	0	0	0	0	0	0	0	0
Tuvalu		2007	0	0	0	0	0	0	0	0	0
		2008	0	0	0	0	0	0	0	0	0
		1995	0	9	0	100	0	0	0	0	0
		2000	1	1	100	100	0	0	0	0	0
		2005	0	0	0	0	0	0	0	0	0
Vanuatu		2006	0	0	0	0	0	0	0	0	
		2007	0	0	0	0	0	0	0	0	0
		2008	0	0	0	0	0	0	0	0	0
		1995	1	0	0	0	0	0	0	0	0
		2000	5	5	100	100	0	0	0	0	0

^a TREATMENT SUCCESS = percent cured + percent completed then rounded to the nearest digit.

TABLE A2.5 Treatment outcomes, retreatment cases, 1995–2008

	TREATMENT SUCCESS (%) ^a 1995–2008	YEAR	NUMBER NOTIFIED	SIZE OF COHORT	COHORT AS % NOTIFIED	% OF COHORT					
						CURED	COMPLETED	DIED	FAILED	DEFAULTED	NOT EVALUATED
Viet Nam		1995	3 616	2 384	66	80	2	5	8	2	4
		2000	5 493	8 806	160	74	5	6	5	3	7
		2005	7 301	7 374	101	79	4	5	6	3	3
		2006	7 491	7 496	100	79	4	6	5	3	3
		2007	7 658	7 659	100	79	3	6	5	4	3
		2008	7 534	329	4	68	5	6	3	14	4
Wallis and Futuna Islands	-	1995	1	-	-	-	-	-	-	-	-
		2000	-	-	-	-	-	-	-	-	-
		2005	-	-	-	-	-	-	-	-	-
		2006	0	0	-	-	-	-	-	-	-
		2007	0	-	-	-	-	-	-	-	-
		2008	0	0	-	-	-	-	-	-	-

^a TREATMENT SUCCESS = percent cured + percent completed then rounded to the nearest digit.

TABLE A.6 HIV testing and provision of CPT, ART and IPT, 2005–2009

		YEAR	% OF TB PATIENTS WITH KNOWN HIV STATUS	NUMBER OF TB PATIENTS WITH KNOWN HIV STATUS	PATIENTS NOTIFIED (NEW AND RETREAT) ^a	NUMBER OF HIV-POSITIVE TB PATIENTS	% OF TESTED TB PATIENTS HIV-POSITIVE	% OF HIV-POSITIVE TB PATIENTS ON CPT	% OF HIV-POSITIVE TB PATIENTS ON ART	NUMBER OF HIV-POSITIVE PEOPLE PROVIDED IPT	
American Samoa		2005	0	0	6	–	–	–	–	–	
		2006	75	3	4	–	–	–	–	–	
		2007	100	3	3	0	0	–	–	0	
		2008	100	3	3	0	0	–	–	0	
		2009	100	4	4	0	0	–	–	0	
Australia		2005	42	448	1 073	22	5	9	–	–	
		2006	35	423	1 203	15	4	20	7	–	
		2007	51	575	1 133	20	3	15	50	–	
		2008	36	440	1 227	17	4	12	59	–	
		2009	23	297	1 314	15	5	–	–	–	
Brunei Darussalam		2005	100	163	163	2	1	0	0	–	
		2006	2	4	202	4	100	–	–	–	
		2007	100	209	209	0	0	–	–	–	
		2008	100	223	223	0	0	–	–	–	
		2009	100	213	213	2	1	–	–	–	
Cambodia		2005	3	1 044	36 123	86	8	–	–	–	
		2006	13	4 721	35 466	1 628	34	59	24	53	
		2007	47	17 105	36 495	5 782	34	19	11	77	
		2008	54	21 523	39 820	3 309	15	39	22	66	
		2009	70	28 246	40 199	3 597	13	30	15	66	
China		2005	–	–	990 509	–	–	–	–	–	
		2006	0	1 440	1 015 674	108	8	24	56	–	
		2007	6	67 265	1 045 939	1 523	2	45	34	0	
		2008	8	81 682	1 034 199	2 848	3	54	20	–	
		2009	6	63 227	982 303	2 511	4	87	43	–	
China, Hong Kong SAR		2005	68	4 209	6 160	35	1	49	54	–	
		2006	78	4 511	5 766	33	1	64	45	64	
		2007	73	4 075	5 545	41	1	63	66	63	
		2008	72	4 121	5 729	48	1	35	33	75	
		2009	75	3 993	5 348	40	1	23	28	78	
China, Macao SAR		2005	91	378	415	1	0	100	–	–	
		2006	91	399	437	4	1	0	50	2	
		2007	90	360	401	4	1	0	25	9	
		2008	91	376	411	1	0	0	100	0	
		2009	91	336	371	1	0	0	0	1	
Cook Islands		2005	0	0	1	0	–	–	–	–	
		2006	0	0	1	0	–	–	–	–	
		2007	–	–	–	–	–	–	–	–	–
		2008	0	0	2	0	–	–	–	–	0
		2009	0	0	32	0	–	–	–	–	0
Fiji		2005	100	132	132	1	1	–	–	–	
		2006	59	67	114	3	4	67	67	0	
		2007	61	57	94	0	0	–	–	–	
		2008	98	104	106	–	–	–	–	–	
		2009	100	144	144	0	0	–	–	–	
French Polynesia		2005	48	30	63	0	0	–	–	–	
		2006	38	26	69	0	0	–	–	–	
		2007	30	19	64	0	0	–	–	–	
		2008	32	16	50	0	0	–	–	–	
		2009	23	12	53	0	0	–	–	–	
Guam		2005	72	46	64	0	0	–	–	–	
		2006	91	40	44	0	0	–	–	–	
		2007	107	58	54	0	0	–	–	–	
		2008	66	59	90	2	3	50	50	1	
		2009	62	63	102	0	0	–	–	–	
Japan		2005	–	–	28 319	–	–	–	–	–	
		2006	–	–	26 384	–	–	–	–	–	
		2007	64	16 100	25 311	57	0	–	–	–	
		2008	56	13 777	24 760	67	0	–	–	–	
		2009	51	12 429	24 170	52	0	–	–	–	
Kiribati		2005	13	44	339	2	5	0	0	–	
		2006	–	–	379	–	–	–	–	–	
		2007	–	–	352	–	–	–	–	–	
		2008	5	16	342	0	0	–	–	–	
		2009	55	152	278	0	0	–	–	–	
Lao People's Democratic Republic		2005	–	–	3 883	–	–	–	–	–	
		2006	10	404	3 994	91	23	100	93	–	
		2007	12	469	4 010	196	42	93	31	0	
		2008	13	557	4 152	221	40	98	59	0	
		2009	17	686	3 930	179	26	89	–	–	
Malaysia		2005	73	11 661	16 066	1 468	13	–	–	–	
		2006	78	13 039	16 665	1 438	11	–	–	–	
		2007	60	10 082	16 918	1 629	16	0	4	0	
		2008	88	15 337	17 506	1 819	12	–	43	0	
		2009	84	15 192	18 102	1 644	11	10	10	0	
Marshall Islands		2005	77	86	112	0	0	–	–	–	
		2006	70	103	148	0	0	–	–	–	
		2007	60	98	163	0	0	–	–	–	
		2008	100	127	127	0	0	–	–	–	
		2009	69	98	143	2	2	0	100	0	
Micronesia (Federated States of)		2005	6	7	112	–	–	–	–	–	
		2006	16	18	113	0	0	–	–	–	
		2007	30	44	145	0	0	–	–	–	
		2008	39	64	166	0	0	–	–	–	
		2009	32	49	155	0	0	–	–	–	
Mongolia		2005	0	1	4 726	1	100	100	100	–	
		2006	0	1	5 216	1	100	100	100	–	
		2007	29	1 450	4 970	3	0	33	33	0	
		2008	27	1 296	4 767	1	0	100	100	0	
		2009	83	3 993	4 787	0	0	–	–	–	
Nauru		2005	0	0	11	0	–	–	–	–	
		2006	0	0	12	–	–	–	–	–	
		2007	0	0	4	0	–	–	–	–	
		2008	0	0	7	0	–	–	–	–	
		2009	–	–	–	–	–	–	–	–	–
New Caledonia		2005	40	21	53	0	0	–	–	–	
		2006	50	25	50	0	0	–	–	–	
		2007	45	21	47	0	0	–	–	–	
		2008	–	–	51	–	–	–	–	–	
		2009	–	–	63	–	–	–	–	–	

^a Data presented as of 31 August 2010. Notification data for European Union countries were not available.

TABLE A.6 HIV testing and provision of CPT, ART and IPT, 2005–2009

	% OF TB PATIENTS WITH KNOWN HIV STATUS 2005–2009	YEAR	% OF TB PATIENTS WITH KNOWN HIV STATUS	NUMBER OF TB PATIENTS WITH KNOWN HIV STATUS	PATIENTS NOTIFIED (NEW AND RETREAT) ^a	NUMBER OF HIV-POSITIVE TB PATIENTS	% OF TESTED TB PATIENTS HIV-POSITIVE	% OF HIV-POSITIVE TB PATIENTS ON CPT	% OF HIV-POSITIVE TB PATIENTS ON ART	NUMBER OF HIV-POSITIVE PEOPLE PROVIDED IPT
New Zealand		2005	41	140	340	8	6	–	–	–
		2006	37	131	355	10	8	–	–	–
		2007	36	104	287	4	4	–	–	–
		2008	46	136	297	8	6	–	–	–
Niue	–	2005	–	0	0	0	–	–	–	0
		2006	–	0	0	0	–	–	–	0
		2007	–	0	0	0	–	–	–	0
		2008	–	0	0	0	–	–	–	0
Northern Mariana Islands	–	2005	98	56	57	0	0	–	–	–
		2006	98	50	51	0	0	–	–	0
		2007	93	41	44	0	0	–	–	1
		2008	117	35	30	0	0	–	–	0
Palau		2005	90	9	10	0	0	–	–	–
		2006	75	9	12	0	0	–	–	0
		2007	100	11	11	0	0	–	–	0
		2008	–	18	19	0	0	–	–	0
Papua New Guinea	–	2005	–	–	12 564	–	–	–	–	–
		2006	–	–	13 532	–	–	–	–	183
		2007	1	117	16 183	17	15	159	1 882	215
		2008	4	582	13 984	–	–	–	–	47
Philippines	–	2005	–	–	137 100	–	–	–	–	–
		2006	–	–	148 217	–	–	–	–	–
		2007	0	46	142 576	0	0	–	–	–
		2008	1	1 069	145 892	0	0	–	–	–
Republic of Korea	–	2005	–	–	46 969	–	–	–	–	–
		2006	–	–	46 284	–	–	–	–	–
		2007	–	–	45 597	–	–	–	–	–
		2008	–	–	44 170	–	–	–	–	–
Samoa		2005	8	2	24	0	0	–	–	–
		2006	0	0	26	0	–	–	–	0
		2007	–	–	–	–	–	–	–	–
		2008	0	0	12	0	–	–	–	0
Singapore	–	2005	–	–	1 469	–	–	–	–	–
		2006	–	–	1 419	–	–	–	–	–
		2007	–	–	1 405	–	–	–	–	–
		2008	–	–	1 601	–	–	–	–	–
Solomon Islands		2005	0	0	397	0	–	–	–	0
		2006	1	4	371	0	0	–	–	0
		2007	1	3	397	0	0	–	–	0
		2008	0	0	387	0	–	–	–	0
Tokelau	–	2005	–	0	0	0	–	–	–	–
		2006	–	0	0	0	–	–	–	–
		2007	–	0	0	0	–	–	–	0
		2008	–	0	0	0	–	–	–	0
Tonga	–	2005	–	–	18	–	–	–	–	–
		2006	–	–	18	–	–	–	–	–
		2007	100	23	23	0	0	–	–	0
		2008	100	13	13	0	0	–	–	0
Tuvalu		2005	–	–	15	–	–	–	–	–
		2006	0	0	9	0	–	–	–	0
		2007	0	0	18	0	–	–	–	0
		2008	89	17	19	0	0	–	–	0
Vanuatu		2005	0	0	81	0	–	–	–	–
		2006	0	0	132	0	–	–	–	0
		2007	0	0	122	0	–	–	–	0
		2008	16	17	104	0	0	–	–	–
Viet Nam		2005	15	14 128	95 892	595	4	–	–	–
		2006	2	1 822	98 284	198	11	–	–	–
		2007	6	5 495	98 344	1 431	26	–	–	–
		2008	11	11 332	98 684	2 210	20	78	32	500
Wallis and Futuna Islands	–	2005	–	–	7	0	–	–	–	1 500
		2006	–	2	2	0	–	–	–	–
		2007	100	2	2	0	0	–	–	0
		2008	–	4	9	0	0	–	–	–

^a Data presented as of 31 August 2010. Notification data for European Union countries were not available.

TABLE A2.7 Testing for MDR-TB and number of confirmed cases of MDR-TB, 2005–2009

YEAR	TOTAL CONFIRMED CASES OF MDR-TB ^a	NEW CASES			PREVIOUSLY TREATED CASES					
		NOTIFIED	NUMBER OF NOTIFIED TESTED FOR MDR-TB	% OF NOTIFIED TESTED FOR MDR-TB	NUMBER OF CONFIRMED CASES OF MDR-TB	NOTIFIED	NUMBER OF NOTIFIED TESTED FOR MDR-TB	% OF NOTIFIED TESTED FOR MDR-TB	NUMBER OF CONFIRMED CASES OF MDR-TB	
American Samoa	2005	0	5	0	0	0	1	0	0	0
	2006	0	4	0	0	0	0	0	0	0
	2007	0	3	0	0	0	0	0	0	0
	2008	0	3	0	0	0	0	0	0	0
	2009	0	4	0	0	0	0	0	0	0
Australia	2005	12	1 030	787	76	43	0	0	0	0
	2006	27	1 127	951	84	72	69	96	10	10
	2007	25	1 081	793	73	47	39	83	8	8
	2008	19	1 182	896	76	43	33	77	4	4
	2009	2	1 176	0	0	61	0	0	0	0
Brunei Darussalam	2005	0	158	0	0	0	0	0	0	0
	2006	0	190	0	0	12	0	0	0	0
	2007	0	195	148	76	12	2	17	0	0
	2008	0	211	0	0	12	0	0	0	0
	2009	0	213	0	0	0	0	0	0	0
Cambodia	2005	0	34 817	0	0	1 306	0	0	0	0
	2006	0	33 969	0	0	1 497	0	0	0	0
	2007	16	34 953	0	0	1 542	56	4	16	16
	2008	31	38 385	11	0	1 435	91	6	28	28
	2009	2	38 770	0	0	1 429	0	0	0	0
China	2005	2	844 721	0	0	140 487	0	0	0	0
	2006	2	889 077	0	0	118 025	10	0	2	2
	2007	79	933 123	50	0	112 816	236	0	66	66
	2008	474	932 120	0	0	102 079	0	0	0	0
	2009	2	922 720	0	12	59 583	0	0	367	367
China, Hong Kong SAR	2005	29	5 441	3 382	62	16	719	473	66	13
	2006	34	5 142	3 348	65	16	624	392	63	18
	2007	25	4 973	3 238	65	19	572	145	25	6
	2008	28	5 168	3 121	60	14	561	390	70	14
	2009	0	4 839	0	0	509	0	0	0	0
China, Macao SAR	2005	7	341	341	100	5	31	100	2	2
	2006	7	363	251	69	7	35	27	77	0
	2007	5	314	251	80	4	46	31	67	1
	2008	7	338	243	72	5	38	25	66	2
	2009	3	291	201	69	3	45	27	60	0
Cook Islands	2005	0	1	0	0	0	0	0	0	0
	2006	0	1	0	0	0	0	0	0	0
	2007	0	0	0	0	0	0	0	0	0
	2008	0	2	0	0	0	0	0	0	0
	2009	0	32	0	0	0	0	0	0	0
Fiji	2005	0	132	0	0	0	0	0	0	0
	2006	0	113	43	38	1	1	100	0	0
	2007	0	93	2	2	0	0	0	0	0
	2008	0	102	0	0	4	0	0	0	0
	2009	0	142	0	0	2	2	100	0	0
French Polynesia	2005	0	60	0	0	3	3	100	0	0
	2006	0	67	40	60	2	2	100	0	0
	2007	0	62	42	68	0	2	100	0	0
	2008	0	48	46	96	0	2	100	0	0
	2009	0	48	42	88	0	5	80	0	0
Guam	2005	1	62	39	63	1	2	0	0	0
	2006	1	44	34	77	1	0	0	0	0
	2007	0	52	38	73	0	2	1	50	0
	2008	0	89	37	42	0	1	0	0	0
	2009	1	101	50	50	1	1	100	0	0
Japan	2005	58	26 327	0	0	1 992	0	0	0	0
	2006	0	24 460	0	0	1 924	0	0	0	0
	2007	58	23 626	4 457	19	26	1 685	443	26	32
	2008	0	22 924	0	0	1 836	0	0	0	0
	2009	0	22 419	0	0	1 751	0	0	0	0
Kiribati	2005	1	329	1	0	10	0	0	0	0
	2006	0	374	0	0	5	0	0	0	0
	2007	0	328	0	0	24	0	0	0	0
	2008	0	325	0	0	17	0	0	0	0
	2009	0	274	0	0	4	0	0	0	0
Lao People's Democratic Republic	2005	0	3 633	0	0	185	0	0	0	0
	2006	0	3 823	0	0	171	0	0	0	0
	2007	0	3 783	0	0	151	0	0	0	0
	2008	0	3 896	0	0	180	0	0	0	0
	2009	0	3 694	0	0	184	0	0	0	0
Malaysia	2005	1	15 010	15 010	100	1	983	1 056	107	107
	2006	42	15 670	0	0	995	0	0	0	0
	2007	41	15 771	0	0	1 147	0	0	0	0
	2008	56	16 452	0	0	1 054	0	0	0	0
	2009	55	16 921	0	0	1 181	0	0	0	0
Marshall Islands	2005	2	107	52	49	5	3	60	0	0
	2006	2	129	38	29	18	3	17	0	0
	2007	1	152	29	19	11	10	91	1	1
	2008	0	120	0	0	7	0	0	0	0
	2009	1	135	40	30	2	1	50	0	0
Micronesia (Federated States of)	2005	1	91	35	38	21	21	100	1	1
	2006	2	101	21	21	12	2	17	2	2
	2007	1	137	0	0	5	0	0	0	0
	2008	4	161	40	25	5	3	60	0	0
	2009	3	146	48	33	9	2	22	0	0
Mongolia	2005	0	4 385	0	0	341	16	5	0	0
	2006	98	4 775	48	1	441	250	57	89	89
	2007	123	4 361	9	0	609	180	30	65	65
	2008	115	4 223	75	2	544	334	61	114	114
	2009	168	4 218	121	3	569	508	89	165	165
Nauru	2005	0	11	0	0	0	0	0	0	0
	2006	0	12	0	0	0	0	0	0	0
	2007	0	3	0	0	1	0	0	0	0
	2008	0	4	0	0	3	0	0	0	0
	2009	0	0	0	0	0	0	0	0	0
New Caledonia	2005	0	46	0	0	7	0	0	0	0
	2006	1	41	41	100	1	7	0	0	0
	2007	0	43	42	98	0	4	100	0	0
	2008	0	41	41	100	0	4	100	0	0
	2009	0	54	43	80	0	9	11	0	0

^a TOTAL CONFIRMED CASES OF MDR-TB includes cases with unknown previous treatment history (i.e. not included under NEW CASES or PREVIOUSLY TREATED CASES).

TABLE A2.7 Testing for MDR-TB and number of confirmed cases of MDR-TB, 2005–2009

YEAR	TOTAL CONFIRMED CASES OF MDR-TB ^a	NEW CASES			PREVIOUSLY TREATED CASES					
		NOTIFIED	NUMBER OF NOTIFIED TESTED FOR MDR-TB	% OF NOTIFIED TESTED FOR MDR-TB	NUMBER OF CONFIRMED CASES OF MDR-TB	NOTIFIED	NUMBER OF NOTIFIED TESTED FOR MDR-TB	% OF NOTIFIED TESTED FOR MDR-TB	NUMBER OF CONFIRMED CASES OF MDR-TB	
New Zealand	2005	4	321	248	77	1	19	14	74	3
	2006	1	335	250	75	1	20	16	80	0
	2007	2	270	271	100	0	17	17	100	2
	2008	0	286	231	81	0	11	11	100	0
	2009	0	293	–	–	–	9	–	–	–
Niue	2005	0	0	0	–	0	0	0	–	0
	2006	0	0	0	–	0	0	0	–	0
	2007	0	0	0	–	0	0	0	–	0
	2008	0	0	0	–	0	0	0	–	0
	2009	0	0	–	–	–	–	–	–	–
Northern Mariana Islands	2005	2	57	8	14	2	0	1	–	0
	2006	2	51	18	35	2	0	0	–	0
	2007	0	44	14	32	0	0	0	–	0
	2008	0	28	0	0	0	2	0	0	0
	2009	0	38	21	55	0	0	0	–	0
Palau	2005	0	10	3	30	0	0	0	–	0
	2006	0	12	0	0	0	0	0	–	0
	2007	0	11	4	36	0	0	0	–	0
	2008	0	–	–	–	–	–	–	–	–
	2009	0	19	–	–	0	0	–	–	0
Papua New Guinea	2005	0	11 108	–	–	–	1 456	–	–	–
	2006	0	12 492	0	0	–	1 040	0	0	–
	2007	0	14 906	0	0	0	1 277	0	0	0
	2008	5	12 185	–	–	–	1 799	–	–	–
	2009	0	11 832	–	–	–	1 388	–	–	–
Philippines	2005	274	133 143	4	0	4	3 957	138	3	119
	2006	403	143 149	33	0	19	5 068	424	8	384
	2007	568	137 501	16	0	4	5 075	325	6	270
	2008	929	137 026	74	0	14	8 866	1 305	15	729
	2009	1 073	142 102	1 242	1	1 050	9 554	36	0	23
Republic of Korea	2005	0	35 269	–	–	–	7 098	–	–	–
	2006	0	35 361	–	–	–	6 702	–	–	–
	2007	0	34 710	–	–	–	6 583	–	–	–
	2008	0	34 153	–	–	–	6 310	–	–	–
	2009	0	35 842	–	–	–	6 880	–	–	–
Samoa	2005	0	24	0	0	0	0	0	–	0
	2006	0	23	0	0	0	3	0	0	0
	2007	0	–	–	–	–	–	–	–	–
	2008	0	12	0	0	0	0	0	–	0
	2009	0	16	–	–	–	0	–	–	–
Singapore	2005	3	1 296	895	69	2	153	105	69	1
	2006	6	1 245	861	69	3	164	101	62	3
	2007	4	1 249	827	66	3	149	105	70	1
	2008	4	1 437	919	64	1	151	103	68	3
	2009	3	1 442	915	63	3	132	85	64	0
Solomon Islands	2005	0	392	0	0	0	5	0	0	0
	2006	0	366	364	99	0	5	5	100	0
	2007	0	388	0	0	0	9	0	0	0
	2008	0	373	0	0	0	14	0	0	0
	2009	0	364	5	1	0	2	15	750	0
Tokelau	2005	0	0	0	–	0	0	0	–	0
	2006	0	0	–	–	–	0	–	–	–
	2007	0	0	0	–	0	0	0	–	0
	2008	0	0	0	–	0	0	0	–	0
	2009	0	0	–	–	–	0	–	–	–
Tonga	2005	0	18	–	–	–	–	–	–	–
	2006	0	18	–	–	0	0	–	–	–
	2007	0	23	0	0	0	0	0	–	0
	2008	0	13	0	0	0	0	0	–	0
	2009	0	8	–	–	–	0	–	–	–
Tuvalu	2005	0	12	–	–	3	–	–	–	–
	2006	0	9	0	0	0	0	0	–	0
	2007	0	17	0	0	0	1	0	0	0
	2008	0	17	0	0	0	2	0	0	0
	2009	0	18	0	0	0	0	0	–	0
Vanuatu	2005	0	73	0	0	0	8	0	0	0
	2006	0	126	–	–	–	2	–	–	–
	2007	0	122	0	0	0	0	0	–	0
	2008	0	103	0	0	0	1	0	0	0
	2009	0	133	0	0	0	3	0	0	0
Viet Nam	2005	2	88 591	–	–	–	7 301	–	–	–
	2006	0	90 793	–	–	–	7 491	–	–	–
	2007	0	90 686	–	–	–	7 658	–	–	–
	2008	0	91 150	–	–	–	7 534	–	–	–
	2009	217	88 236	–	–	–	8 131	–	–	–
Wallis and Futuna Islands	2005	0	7	0	0	0	0	–	–	0
	2006	0	–	–	–	–	–	–	–	–
	2007	0	2	0	0	0	0	0	–	0
	2008	0	–	–	–	–	–	–	–	–
	2009	0	9	–	–	–	0	–	–	–

^a TOTAL CONFIRMED CASES OF MDR-TB includes cases with unknown previous treatment history (i.e. not included under NEW CASES or PREVIOUSLY TREATED CASES).

TABLE A2.8 New smear-positive case notification by age and sex, 1995–2009

YEAR	MALE									FEMALE									MALE/FEMALE RATIO
	0–14	15–24	25–34	35–44	45–54	55–64	65+	UN-KNOWN	0–14	15–24	25–34	35–44	45–54	55–64	65+	UN-KNOWN			
American Samoa	1995																	–	
	2000					1	1						1					2.0	
	2005												2					0.0	
	2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	–	
Australia	1995																	–	
	2000	3	16	35	25	24	19	49		0	15	19	12	15	5	14		2.1	
	2005	0	32	27	23	11	12	30		2	18	26	11	10	6	14		1.6	
	2009	3	30	37	16	24	12	34	0	4	31	27	14	12	11	12	0	1.4	
Brunei Darussalam	1995																	–	
	2000	0	6	4	15	5	7	15		0	4	6	9	6	3	4		1.6	
	2005	0	9	19	19	12	9	0		0	9	11	8	3	2	0		2.1	
	2009	1	5	5	16	13	18	29	0	0	10	12	11	7	3	10	0	1.6	
Cambodia	1995	161	453	1244	1147	1253	1257	707		123	388	1133	1435	1426	1180	578		1.0	
	2000	26	519	1323	1618	1456	1373	1058		38	457	1157	1649	1798	1459	892		1.0	
	2005	49	894	1600	2349	2043	1964	1811		45	790	1413	2089	2323	2058	1573		1.0	
	2009	37	746	1522	1884	2117	1543	1548		45	801	1252	1461	1894	1637	1376		1.1	
China	1995	1 102	12 791	18 306	15 487	13 105	13 489	10 130		1 169	10 890	13 250	8 376	5 679	4 579	2 841		1.8	
	2000	1 131	19 111	29 399	25 206	25 593	21 429	21 771		1 420	14 536	18 496	12 377	9 899	7 102	6 296		2.0	
	2005	1 416	43 005	49 558	55 400	54 872	53 822	69 779		1 864	31 180	27 759	24 728	19 889	18 203	21 244		2.3	
	2009	944	44 757	41 439	53 300	54 700	57 653	67 213	0	1 078	29 195	22 179	21 636	16 898	17 537	20 623	0	2.5	
China, Hong Kong SAR	1995																	–	
	2000	4	78	102	160	211	236	578		5	65	115	86	44	45	211		2.4	
	2005	3	76	84	108	200	168	453		3	67	81	92	57	34	135		2.3	
	2009	3	53	64	79	176	179	413	0	7	56	107	82	56	39	130	0	2.0	
China, Macao SAR	1995	0	7	19	20	13	12	16		0	9	18	12	4	5	6		1.6	
	2000	0	10	8	25	22	9	17		0	10	4	6	6	3	13		2.2	
	2005	3	6	9	21	23	17	22		0	5	9	7	8	1	5		2.9	
	2009	0	12	12	8	24	15	10	0	1	5	10	5	6	3	5	0	2.3	
Cook Islands	1995	0	0	0	0	0	1	0		0	0	0	0	1	0	0		1.0	
	2000	0	0	0	0	0	0	0		0	0	0	0	0	0	0		–	
	2005	0	1	0	0	0	0	0		0	0	0	0	0	0	0		–	
	2009	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	–	
Fiji	1995	0	8	10	9	4	2	3		1	10	9	2	3	4	3		1.1	
	2000	0	8	6	13	5	4	2		0	7	5	7	1	4	0		1.6	
	2005	7	9	18	18	14	16	6		7	7	9	6	4	6	5		2.0	
	2009	0	15	14	7	8	6	2	0	1	11	7	4	4	3	1	0	1.7	
French Polynesia	1995																	–	
	2000	1	3	3	4	4	4	3		1	4	1	0	1	0	0		3.1	
	2005	0	2	2	2	0	4	2		0	2	3	0	1	1	3		1.2	
	2009	1	1	4	1	3	0	0	0	0	2	0	0	1	3	1	0	1.4	
Guam	1995																	–	
	2000	2	1	6	6	9	6	9		0	3	1	2	5	2	2		2.6	
	2005	0	2	4	4	2	2	4		0	3	1	1	2	0	2		2.0	
	2009	0	1	0	5	3	9	4	0	1	1	3	1	1	2	0	0	2.4	
Japan	1995	15	342	627	995	1 847	2 059	4 089		14	258	476	298	476	637	2 234		2.3	
	2000	2	246	572	676	1 494	1 509	3 816		5	222	464	213	292	384	1 958		2.4	
	2005	9	197	488	605	868	1 418	3 867		5	187	428	249	224	309	2 077		2.1	
	2009	1	134	328	410	580	946	3 406		3	105	287	254	169	221	2 009		1.9	
Kiribati	1995																	–	
	2000	2	9	3	3	3	8	2		2	5	6	3	4	1	3		1.3	
	2005	3	15	15	12	17	4	1		5	22	12	7	7	3	1		1.2	
	2009	6	22	13	12	8	6	6	0	10	19	12	9	14	5	3	0	1.0	
Lao People's Democratic Republic	1995	6	56	71	68	78	90	55		3	49	49	69	54	52	26		1.4	
	2000	7	92	128	166	201	177	176		10	59	95	131	122	91	71		1.6	
	2005	13	136	223	296	373	300	352		7	101	186	205	244	192	178		1.5	
	2009	11	159	235	325	382	366	351		6	119	186	205	265	217	207		1.5	
Malaysia	1995	59	640	879	775	788	374	1 072		58	446	448	345	316	149	339		2.2	
	2000	32	694	1 138	1 177	908	814	891		41	464	564	424	367	356	286		2.3	
	2005	244	1 179	2 218	2 277	1 980	1 427	1 507		208	1 044	1 061	947	816	586	572		2.1	
	2009																	–	
Marshall Islands	1995																	–	
	2000	3	5	4	1	3	5	3		7	7	3	0	2	2	0		1.1	
	2005	2	4	4	5	6	1	1		1	9	2	4	3	4	2		0.9	
	2009	1	12	5	2	5	4	0	0	1	5	5	4	5	2	1	0	1.3	
Micronesia (Federated States of)	1995	0	1	0	3	1	0	0		0	0	1	0	0	0	1		2.5	
	2000	0	2	0	1	0	0	1		4	3	1	1	0	1	1		0.4	
	2005																	–	
	2009	5	7	5	5	2	1	2	1	8	6	9	4	4	1	1	0	0.8	
Mongolia	1995	37	99	111	68	19	13	15		30	70	78	33	15	9	25		1.4	
	2000	6	181	260	171	68	38	23		32	200	213	113	41	26	17		1.2	
	2005	7	271	253	232	147	52	36		15	320	270	145	63	32	25		1.1	
	2009	2	280	264	199	157	64	27	0	20	306	235	140	61	27	27	0	1.2	
Nauru	1995																	–	
	2000					1								1	1			0.5	
	2005																	–	
	2009																	–	
New Caledonia	1995	3	2	3	4	2	2	3		2	1	1	3	3	0	1		1.7	
	2000	1	1	3	4	2	3	4		1	8	1	1	3	2	4		0.9	
	2005	0	2	1	0	0	3	0		0	1	2	1	2	0	4		0.6	
	2009	0	0	0	0	1	0	5	0	0	1	1	3	0	2	2	0	0.7	
New Zealand	1995	0	4	3	3	5	7	7		1	2	3	4	2	2	4		1.6	
	2000	0	6	5	6	8	10	7		1	6	6	5	0	4	10		1.3	
	2005	4	6	10	6	6	5	10		1	11	9	6	6	1	2		1.3	
	2009	1	8	11	10	5	7	10	0	0	6	10	5	5	7	5	0	1.4	
Niue	1995																	–	
	2000																	–	
	2005	0	0	0	0	0	0	0		0	0	0	0	0	0	0		–	
	2009																	–	
Northern Mariana Islands	1995	1	1	3	5	10	3	3		0	0	2	6	4	1	1		1.9	
	2000	1	4	8	9	9	3	2		0	10	17	7	3	1	1		0.9	
	2005	0	0	1	3	4	1	2		0	0	0	1	1	1	1		2.8	
	2009	0	0	1	4	4	3	1	0	0	1	0	0	1	1	0	0	4.3	
Palau	1995	0	2	3	0	2	1	0</											

TABLE A2.8 New smear-positive case notification by age and sex, 1995–2009

YEAR	MALE									FEMALE									MALE/FEMALE RATIO
	0–14	15–24	25–34	35–44	45–54	55–64	65+	UN-KNOWN	0–14	15–24	25–34	35–44	45–54	55–64	65+	UN-KNOWN			
Republic of Korea	1995	27	1 131	1 613	1 425	1 207	1 307	1 225		46	908	863	431	296	408	867		2.1	
	2000	19	821	1 085	988	853	731	901		25	546	544	393	220	295	795		1.9	
	2005	22	687	1 171	1 326	1 336	1 005	1 669		27	590	842	491	370	373	1 729		1.6	
	2009	25	567	803	1 059	1 417	992	1 904	0	26	506	685	525	441	360	1 975	0	1.5	
Samoa	1995	0	1	1	1	0	3	2		1	2	2	0	0	1	1		1.1	
	2000	0	3	1	1	1	2	1		0	2	1	1	0	0	0		2.3	
	2005	0	4	0	1	1	0	0		0	2	0	2	0	1	0		1.2	
	2009				1			111	111				1	11	11	1 111		0.2	
Singapore	1995	0	9	40	60	62	70	94		1	8	18	21	22	19	31		2.8	
	2000	1	8	9	34	51	26	64		1	9	8	7	9	5	16		3.5	
	2005	0	8	25	61	94	96	118		0	5	20	33	29	20	43		2.7	
	2009	0	16	27	56	100	92	131	0	0	15	22	24	18	23	28	0	3.2	
Solomon Islands	1995	2	14	6	5	7	9	3		3	17	11	7	12	13	0		0.7	
	2000	3	13	4	8	8	10	6		8	15	13	7	7	5	2		0.9	
	2005	4	14	18	9	15	12	11		9	23	21	12	11	9	1		1.0	
	2009	3	11	17	8	8	8	6	0	9	19	19	9	11	7	3	0	0.8	
Tokelau	1995																	–	
	2000																	–	
	2005																	–	
	2009																	–	
Tonga	1995	0	1	0	0	0	1	2		0	0	1	1	0	2	1		0.8	
	2000		2	1	1	1	1	5			1	1	1	1	1	1		2.0	
	2005	0	2	1	0	2	1	0		0	2	1	0	0	2	0		1.2	
	2009	0	0	0	1	1	0	0	0	0	0	1	0	0	2	1	0	0.5	
Tuvalu	1995	1	0	1	0	0	1	0		0	1	1	0	0	1	0		1.0	
	2000																	–	
	2005					1	1				1			2				0.7	
	2009		1		1					1		1	2	1	1			0.3	
Vanuatu	1995	0	6	2	5	3	4	0		0	5	0	2	3	0	0		2.0	
	2000	2	7	5	1	10	5	2		5	3	15	7	3	3	1		0.9	
	2005	1	4	5	5	0	4	1		0	5	1	2	4	1	2		1.3	
	2009	0	6	3	3	1	3	2	0	2	3	5	3	5	4	1	0	0.8	
Viet Nam	1995																	–	
	2000	51	2 367	6 147	8 209	6 713	5 150	7 712		64	1 334	2 320	2 754	2 594	2 847	4 907		2.2	
	2005	54	3 408	7 105	8 738	8 606	4 958	7 573		47	1 747	2 293	2 116	2 298	2 023	4 604		2.7	
	2009	41	3 122	7 152	7 731	8 333	5 494	6 162		47	1 895	2 401	1 677	1 989	1 849	3 397		2.9	
Wallis and Futuna Islands	1995																	–	
	2000																	–	
	2005																	–	
	2009			1				1			1							2.0	

^a Data presented as of 31 August 2010. Notification data for countries that are members of the European Union were not available.

TABLE A2.9 Laboratories, NTP services, drug management, human resources and infection control, 2009

	LABORATORIES					FREE THROUGH NTP			DRUG MANAGEMENT			% OF STAFF TRAINED BY THE NTP (IN 2009) ^b				TB NOTIFICATION RATE PER 100 000 HEALTH-CARE WORKERS
	SMART LARS PER 100K POPULATION	CULTURE LARS PER 5M POPULATION	DST LARS PER 10M POPULATION	SECOND-LINE AVAILABLE	NRL ^a	TB DIAGNOSIS	FIRST-LINE DRUGS	RIEAMPICIN USED THROUGHOUT TREATMENT	% OF PATIENTS TREATED WITH FDC ^c	PAEDIATRIC FORMULATIONS PROCURED	MEDICAL OFFICERS	NURSES	HEALTH ASSISTANTS	LABORATORY TECHNICIANS		
						Yes, all suspects	Yes, all suspects	Yes	Yes	No	0	0	0	0		
American Samoa				In country	No	Yes, all suspects	Yes	Yes	0	No	0	0	0			
Australia				In country	Yes	Yes, all suspects	Yes	Yes	0	Yes	0	0	0			
Bahrain				Out of country	Yes	Yes, all suspects	Yes	Yes	0	Yes	0	0	0			
Barbados				In and out of city	Yes	Yes, all suspects	Yes	Yes	100	Yes	100	100	100	26		
China, Hong Kong SAR	1.4	1.0	0.7	In country	Yes	Yes, all suspects	Yes	Yes	10	Yes	100	100	100			
China, Macao SAR	0.2	3.1	1.0	In and out of city	Yes	Yes, all suspects	Yes	Yes	5	Yes	100	100	100			
China, P.R.	0.4	14.2	4.3	In country	No	Yes, all suspects	Yes	Yes	0	Yes	100	100	100			
Cook Islands	1.5	9.3	18.6	In and out of city	No	Yes, all suspects	Yes	Yes	0	Yes	100	100	100			
Fiji	0.5	5.9	0	Out of country	Yes	Yes, all suspects	Yes	Yes	0	Yes	100	100	100			
French Polynesia	1.1	37.2	0	Out of country	No	If TB is confirmed	Yes	Yes	100	Yes	100	100	100	0		
Guam	0.6	28.1	56.3	Out of country	Yes	Yes, all suspects	Yes	Yes	0	No	50	50	25	100000		
Japan				Out of country	No	Yes, all suspects	Yes	Yes	0	No	0	0	0	276		
Kiribati	2.0			Out of country	No	Yes, all suspects	Yes	Yes	99	No	100	100	100	0		
Lao People's Democratic Republic	2.5	0.8	0	No	Yes	Yes, all suspects	Yes	Yes	10	No	50	50	50	71		
Malaysia	2.6	5.8	1.5	In country	Yes	Yes, all suspects	Yes	Yes	0	Yes	100	100	100	316		
Marshall Islands	4.8	80.6	161.2	Out of country	No	Yes, all suspects	Yes	Yes	0	Yes	100	100	100	0		
Micronesia (Federated States of)	3.6	0	0	Out of country	Yes	Yes, all suspects	Yes	Yes	100	No	100	100	100	0		
Mongolia	1.3	1.9	3.7	In and out of city	Yes	Yes, all suspects	Yes	Yes	100	Yes	100	100	100	804		
Nauru				Out of country	Yes	Yes, all suspects	Yes	Yes	100	Yes	100	100	100	0		
New Caledonia				In country	Yes	Yes, all suspects	Yes	Yes	100	Yes	100	100	100	0		
New Zealand				In country	Yes	Yes, all suspects	Yes	Yes	100	Yes	100	100	100	0		
Niue				In country	Yes	Yes, all suspects	Yes	Yes	0	Yes	100	100	100	0		
Northern Mariana Islands	1.2	57.5	115.1	Out of country	No	Yes, all suspects	Yes	Yes	0	Yes	100	100	100	0		
Palau	4.9	244.4	488.8	Out of country	No	Yes, all suspects	Yes	Yes	0	Yes	100	100	100	0		
Papua New Guinea	1.8	0.7	0	Out of country	Yes	Yes, all suspects	Yes	Yes	45	Yes	75	75	75	0		
Philippines	2.2	0.5	0.3	In country	Yes	Yes, all suspects	Yes	Yes	100	Yes	100	100	100	0		
Republic of Korea	1.0	51.7	1.4	In country	Yes	Yes, all suspects	Yes	Yes	0	No	100	100	100	0		
Samoa	1.1	0	0	Out of country	Yes	Yes, all suspects	Yes	Yes	100	No	80	80	80	90		
Singapore				In country	Yes	Yes, all suspects	Yes	Yes	0	No	0	0	0	0		
Solomon Islands	1.7	0	0	Out of country	No	Yes, all suspects	Yes	Yes	100	No	0	0	0	0		
Tokelau				Out of country	Yes	Yes, all suspects	Yes	Yes	100	Yes	100	100	100	0		
Tonga	1.0	0	0	Out of country	Yes	Yes, all suspects	Yes	Yes	100	Yes	75	75	75	0		
Tuvalu	10.1	0	0	No	Yes	If TB is confirmed	Yes	Yes	100	Yes	20	25	25	50		
Vanuatu	2.5	0	0	Out of country	No	Yes, all suspects	Yes	Yes	0	No	20	25	25	20		
Viet Nam	0.9	1.3	0.2	In country	Yes	If TB is confirmed	Yes	No	100	No	25	12	43	20		
Wallis and Futuna Islands				Out of country	No	Yes, all suspects	Yes	Yes	100	Yes	100	100	100	0		

a NRL = national reference laboratory
 b FDC = fixed-dose combination
 c NURSES (Registered Nurses, Enrolled Nurses, Midwives), HEALTH ASSISTANTS (Medical Assistants, Clinical Officers), LABORATORY TECHNICIANS (Microscopists)