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**Table 1: Population groups included in the tuberculosis notification, 1997
(50 countries)**

Country	Foreign citizens			Other groups				
	Legal residents	Asylum seekers	Illegal residents	Prisoners	Military personnel	Homeless people	Persons with AIDS or HIV infection	Institutionalised people
Albania *	■				■	■	■	■
Andorra *	■			■	■	■	■	■
Armenia	■			■	■	■	■	■
Austria	■	■	■	■	■	■	■	■
Azerbaijan *							■	■
Belarus					■	■	■	■
Belgium	■	■	■	■	■	■	■	■
Bosnia-Herzegovina †				■	■	■ ‡	■	■
Bulgaria *	■	■	■	■	■	■	■	■
Croatia	■	■	■	■	■	■	■	■
Czech Republic	■	■	■	■	■	■	■	■
Denmark	■	■	■	■	■	■	■	■
Estonia	■	■	■	■	■	■	■	■
Finland	■	■	■	■	■	■	■	■
France	■	■	■	■	■	■	■	■
Georgia *	■	■	■			■	■	■
Germany	■	■	■	■	■	■	■	■
Greece	■	■	■		■	■	■	■
Hungary	■	■	■	■	■	■	■	■
Iceland	■	■	■	■	■	■	■	■
Ireland	■	■	■	■	■	■	■	■
Israel	■	■	■	■	■	■	■	■
Italy	■	■	■	■	■	■	■	■
Kazakstan	■			■	■	■	■	■
Kyrgyzstan								
Latvia		■		■	■	■	■	■
Lithuania		■		■	■	■	■	■
Luxembourg	■	■	■	■	■	■	■	■
Macedonia					■	■	■	■
Malta	■	■	■	■	■	■	■	■
Moldova	■				■	■	■	■
Netherlands	■	■	■	■	■	■	■	■
Norway	■	■	■	■	■	■	■	■
Poland	■			■	■	■	■	■
Portugal	■	■	■	■	■	■	■	■
Romania	■				■	■	■	■
Russian Federation								
San Marino	■			■	■	■	■	■
Slovakia	■	■	■		■	■	■	■
Slovenia	■	■		■	■	■	■	■
Spain	■	■	■	■	■	■	■	■
Sweden	■	■	■	■	■	■	■	■
Switzerland	■	■	■	■	■	■	■	■
Tajikistan *	■			■	■	■	■	■
Turkey								
Turkmenistan *				■	■	■	■	■
United Kingdom	■	■	■	■	■	■	■	■
Ukraine	■	■	■	■	■	■	■	■
Uzbekistan *								
Yugoslavia	■	■				■		■
Total	39	32	27	36	42	45	45	45

* Information provided for 1996 † Information provided for the Federation of Bosnia-Herzegovina in 1996 and for Republic Srpska in 1997

‡ Included in the Federation of Bosnia-Herzegovina not in Republic Srpska

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Table 2: National estimates of over-notification * and under-notification † of tuberculosis cases, 1997 (51 countries)

Country	Over notification (%)	Causes of over-notification	Under notification (%)	Population groups concerned by under-notification
Albania	- §		- §	
Andorra	- §		- §	
Armenia	0%		6%	Prisoners
Austria	- §		- §	
Azerbaijan	- §		- §	
Belarus	- §		0%	
Belgium	2%		- §	
Bosnia-Herzegovina	5% II		- §	Children, patients with AIDS, diagnosis at death, refugees
Bulgaria	- §		- §	
Croatia	8%	Double counting, misdiagnosis	9%	
Czech Republic	< 1%	Double counting	1 to 2%	Foreigners
Denmark	0%		1 to 2%	Culture negative cases
Estonia	- §		- §	
Finland	0%		< 10%	All
France	10%	Children	33%	
Georgia	- §		- §	
Germany	2% ‡		17% ‡	
Greece	0%		- §	Foreigners, prisoners, patients with AIDS, diagnosis at death
Hungary	0%		0%	
Iceland	- §		- §	
Ireland	1%	Double counting, misdiagnosis	0%	
Israel	0%		1%	
Italy	- §		30% to 40%	Patients with AIDS
Kazakhstan	- §		- §	Foreigners
Kyrgyzstan	1% ‡		3% ‡	Diagnosis at death, homeless
Latvia	0,5%		- §	
Lithuania	0%		0%	
Luxembourg	0%		- §	
Macedonia	8% ‡		7%	Children
Malta	0%		0%	
Moldova	0%		11%	Foreigners, prisoners
Monaco	- §		- §	
Netherlands	0%		0%	
Norway	4%		2% ‡	
Poland	0%		- §	
Portugal	0% ‡		2% ‡	
Romania	< 1%		- §	Foreigners, prisoners
Russian Federation	1,4%	Misdiagnosis	12,4%	Prisoners, children
San Marino	0%		0%	
Slovakia	- §		- §	
Slovenia	1% ‡		2% ‡	
Spain	- §		33%	
Sweden	0%		0%	Non bacteriological confirmed cases
Switzerland	2%		5%	Diagnosis at death
Tajikistan	- §		- §	
Turkey	20% ‡		20% ‡	
Turkmenistan	- §		- §	
Ukraine	10%		2%	Illegal immigrants, diagnosis at death
United Kingdom	15% to 35%	Double counting, misdiagnosis	14 % to 20%	All
Uzbekistan	- §		- §	
Yugoslavia	- §		- §	Foreigners, patients with AIDS, diagnosis at death, military personnel

* Estimated proportion of notified cases which are not true TB case † Estimated proportion of true TB cases which are not notified

‡ Information from a WHO survey on tuberculosis cases notified in 1995 § Information not available II Information provided for Republic Srpska only

TABLES

Table 3: Culture, drug susceptibility tests and laboratory networks for tuberculosis, 1997-1998 (47 countries)

Country	Access to culture	Laboratories doing culture		Practice of DST*	Laboratories doing DST*		National Reference Laboratory
		Total	/Million †		Total	/Million †	
Albania	partial	2	0.6	some	1	0.3	yes
Armenia	no	0	0.0	no	0	0.0	no
Austria	general	12	1.5	all	12	1.5	yes
Belarus	general	31	3.1	all	31	3.1	yes
Belgium	general	251	24.8	all	20	2.0	yes
Bosnia-Herzegovina	partial	10	2.9	some	4	1.2	yes ‡
Bulgaria	partial	16	1.8	some	10	1.1	no
Croatia	general	17	3.8	all	12	2.7	yes
Czech Republic	general	43	4.2	all	15	1.5	yes
Denmark	general	1	0.2	all	1	0.2	yes
Estonia	general	3	2.0	all	3	2.0	yes
Finland	general	18	3.5	all	1	0.2	yes
France	general	362	6.1	all	158	2.7	yes
Georgia	partial	3	0.5	some	1	0.2	yes
Germany	general	300	3.7	all	100	1.2	yes
Greece	partial	59	5.6	some	4	0.4	yes
Hungary	general	23	2.3	some	13	1.3	yes
Iceland	general	1	3.7	all	0	0.0	no §
Ireland	general	15	4.2	all	9	2.5	no
Israel	general	12	2.1	all	2	0.4	yes
Italy	partial	100	1.7	some	60	1.0	yes
Kazakstan	general	16	0.9	all	16	0.9	yes
Kyrgyzstan	general	1	0.2	all	1	0.2	yes
Latvia	general	21	8.2	all	1	0.4	yes
Lithuania	general	8	2.2	all	8	2.2	yes
Luxembourg	general	2	4.9	all	1	2.5	yes
Macedonia	partial	4	1.8	some	1	0.5	no
Malta	general	3	8.2	all	0	0.0	no §
Moldova	partial	8	1.8	some	8	1.8	yes
Monaco	general	1	31.3	all	0	0.0	no §
Netherlands	general	43	2.8	all	12	0.8	yes
Norway	general	16	3.7	all	3	0.7	yes
Poland	general	168	4.4	all	38	1.0	yes
Portugal	general	14	1.4	some	8	0.8	yes
Romania	partial	80	3.5	some	55	2.4	yes
Russian Federation	general	600	4.1	all	300	2.0	no
San Marino	general	1	40.0	all	0	0.0	no §
Slovakia	general	17	3.2	all	8	1.5	yes
Slovenia	general	8	4.1	all	2	1.0	yes
Spain	general	160	4.0	some	30	0.8	yes
Sweden	general	5	0.6	all	5	0.6	yes
Switzerland	general	31	4.3	all	16	2.2	yes
Tajikistan	partial	5	0.8	some	5	0.8	yes
Ukraine	general	28	0.5	all	28	0.5	no
United Kingdom	general	300	5.1	all	7	0.1	yes
Uzbekistan	general	14	0.6	no	14	0.6	no
Yugoslavia	general	41	3.8	all	12	1.1	no

* DST = drug susceptibility testing † per million population

‡ In Federation of Bosnia-Herzegovina, not in Republic Srpska § The National Reference Laboratory of another country is used

TABLES

Table 4: Tuberculosis cases and tuberculosis notification rates, 1995, 1996 and 1997 (51 countries)

Country	1995		1996		1997	
	TB cases	Rate (per 100000)	TB cases	Rate (per 100000)	TB cases	Rate (per 100000)
Albania	664	19.3	707	20.4	655	18.6
Andorra	-*	-*	17	23.9	19	29.4
Armenia	836	23.2	935	25.6	1 026	27.8
Austria	1 383	17.4	1 445	18.0	1 369	17.0
Azerbaijan	3 306	43.7	5 006 ‡	65.5 ‡	4 635 †	60.5 †
Belarus	5 092	50.2	5 619	55.5	5 985	59.2
Belgium	1 380	13.6	1 352	13.3	1 263	12.4
Bosnia-Herzegovina	2 132	61.6	2 220	62.9	2 869	77.5
Bulgaria	3 245	37.0	3 109	35.6	3 437 †	40.8 †
Croatia	2 114 †	47.0 †	2 174	48.5	2 054	45.9
Czech Republic	1 851	18.0	1 936	18.8	1 834	17.7
Denmark	448	8.6	484	9.3	554	10.6
Estonia	608	39.7	683	44.9	744	49.1
Finland	662	13.0	644	12.6	573	11.1
France	8 723	14.7	7 656	12.8	6 832	11.4
Georgia	-*	-*	10 641 ‡	194.7 ‡	8 446 ‡	154.1 ‡
Germany	12 198	15.0	11 814	14.4	11 163	13.6
Greece	939 §	9.0 §	945 §	9.0 §	767 §	7.2 §
Hungary	4 339	42.9	4 278	42.5	4 240	42.2
Iceland	12	4.5	11	4.1	10	3.6
Ireland	458	12.9	434	12.2	416	11.6
Israel	398	7.1	415	7.2	422	7.2
Italy	5 225	9.1	5 152	9.0	5 176	9.0
Kazakhstan	11 095 §	64.8 §	13 559 §	78.8 §	16 109 §	93.0 §
Kyrgyzstan	3 380	71.2	4 086	84.7	5 189	105.8
Latvia	1 541	60.3	1 761	69.4	2 003	79.5
Lithuania	2 362	63.8	2 608	70.6	2 926	79.2
Luxembourg	32	7.9	36	8.8	38	9.1
Macedonia	786	36.3	724	33.2	693	31.5
Malta	10	2.7	29	7.9	11	2.9
Moldova	2 753	62.1	2 922	65.7	2 908	65.2
Monaco	1	3.1	0	0.0	0	0.0
Netherlands	1 619	10.4	1 678	10.8	1 486	9.4
Norway	236	5.4	217	5.0	205	4.6
Poland	15 959	41.6	15 358	39.9	13 967	36.2
Portugal	5 577	56.8	5 248	53.5	5 112	52.0
Romania	23 271	101.9	24 113	105.9	23 903	105.2
Russian Federation	96 828	65.9	110 897	75.6	119 123	81.3
San Marino	2	8.0	0	0.0	1	3.8
Slovakia	1 537	28.7	1 499	27.9	1 298	24.1
Slovenia	525	27.0	563	28.9	481	24.6
Spain	8 764 ††	22.1 ††	8 331 ††	21.0 ††	9 347 °	23.5 °
Sweden	564	6.4	493	5.6	456	5.1
Switzerland	830	11.5	764	10.5	747	10.1
Tajikistan	2 029 †	34.8 †	1 647	26.3	2 143	33.2
Turkey	23 035	37.2	23 533	37.3	25 685	40.0
Turkmenistan	2 009	49.0	2 149	51.3	3 438	80.3
Ukraine	21 459 †	41.8 †	26 834	52.3	28 344	55.3
United Kingdom	6 161	10.6	6 240	10.7	6 355	10.8
Uzbekistan	9 866	43.2	11 919	51.1	13 352	56.0
Yugoslavia	4 169	38.4	4 541	41.8	4 062	37.4

* Data not available † Source: Global Tuberculosis Control, WHO Report 1999, WHO/TB/99.259 ‡ Provisional data which are subject to revision

§ New cases only †† New respiratory cases only ° Respiratory and meningeal cases only

TABLES

**Table 5: Tuberculosis cases by case status, 1996 and 1997
(38 countries)**

Country	New		Recurrent				Unknown status				Total			
	1996		1996		1997		1996		1997		1996	1997		
	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	N	N		
Albania	676	(96)	623	(95)	31	(4)	32	(5)	0	(0)	0	(0)	707	655
Andorra	17	(100)	18	(95)	0	(0)	1	(5)	0	(0)	0	(0)	17	19
Armenia	904	(97)	992	(97)	31	(3)	34	(3)	0	(0)	0	(0)	935	1026
Austria	1215	(84)	1193	(87)	226	(16)	176	(13)	4	(0)	0	(0)	1445	1369
Belarus	5008	(89)	5400	(90)	611	(11)	585	(10)	0	(0)	0	(0)	5619	5985
Belgium	1104	(82)	982	(78)	122	(9)	143	(11)	126	(9)	138	(11)	1352	1263
Bosnia-Herzegovina	2031	(91)	2542	(89)	189	(9)	327	(11)	0	(0)	0	(0)	2220	2869
Croatia	2039	(94)	1913	(93)	135	(6)	141	(7)	0	(0)	0	(0)	2174	2054
Czech Republic	1878	(97)	1767	(96)	58	(3)	67	(4)	0	(0)	0	(0)	1936	1834
Denmark	440	(91)	512	(92)	44	(9)	42	(8)	0	(0)	0	(0)	484	554
Estonia	593	(87)	660	(89)	90	(13)	84	(11)	0	(0)	0	(0)	683	744
France	4809	(63)	4407	(65)	682	(9)	634	(9)	2165	(28)	1791	(26)	7656	6832
Georgia	6896	(65) †	5435	(64) †	3745	(35) †	3011	(36) †	0	(0) †	0	(0) †	10641 †	8446 †
Hungary	3736	(87)	3552	(84)	542	(13)	688	(16)	0	(0)	0	(0)	4278	4240
Iceland	11	(100)	4	(40)	0	(0)	6	(60)	0	(0)	0	(0)	11	10
Israel	390	(94)	408	(97)	23	(6)	14	(3)	2	(0)	0	(0)	415	422
Kazakstan	-	-*	14401	(89)	-	-*	1708	(11)	-	-*	0	(0)	-	16109
Latvia	1476	(84)	1689	(84)	285	(16)	314	(16)	0	(0)	0	(0)	1761	2003
Lithuania	2357	(90)	2627	(90)	251	(10)	299	(10)	0	(0)	0	(0)	2608	2926
Luxembourg	33	(92)	34	(89)	3	(8)	4	(11)	0	(0)	0	(0)	36	38
Malta	28	(97)	9	(82)	1	(3)	2	(18)	0	(0)	0	(0)	29	11
Macedonia	-	-*	634	(91)	-	-*	59	(9)	-	-*	0	(0)	-	693
Moldova	2546	(87)	2541	(87)	376	(13)	367	(13)	0	(0)	0	(0)	2922	2908
Netherlands	1461	(87)	1322	(89)	217	(13)	164	(11)	0	(0)	0	(0)	1678	1486
Norway	146	(67)	151	(74)	39	(18)	37	(18)	32	(15)	17	(8)	217	205
Poland	13675	(89)	12389	(89)	1683	(11)	1578	(11)	0	(0)	0	(0)	15358	13967
Portugal	4656	(89)	4494	(88)	592	(11)	618	(12)	0	(0)	0	(0)	5248	5112
Romania	22250	(92)	21840	(91)	1863	(8)	2049	(9)	0	(0)	14	(0)	24113	23903
Russian Federation	99048	(89)	108166	(91)	11849	(11)	10957	(9)	0	(0)	0	(0)	110897	119123
Slovakia	1240	(83)	1098	(85)	259	(17)	200	(15)	0	(0)	0	(0)	1499	1298
Slovenia	480	(85)	422	(88)	83	(15)	56	(12)	0	(0)	3	(1)	563	481
Sweden	401	(81)	407	(89)	60	(12)	49	(11)	32	(6)	0	(0)	493	456
Switzerland	485	(63)	549	(73)	77	(10)	81	(11)	202	(26)	117	(16)	764	747
Turkey	-	-*	20778	(81)	-	-*	1937	(8)	-	-*	2970	(12)	-	25685
Turkmenistan	2061	(96)	3334	(97)	88	(4)	104	(3)	0	(0)	0	(0)	2149	3438
Ukraine	23414	(87)	24883	(88)	3420	(13)	3461	(12)	0	(0)	0	(0)	26834	28344
Uzbekistan	11474	(96)	12954	(97)	445	(4)	398	(3)	0	(0)	0	(0)	11919	13352
Yugoslavia	4115	(91)	3722	(92)	395	(9)	340	(8)	31	(1)	0	(0)	4541	4062

* Distribution by case status not available

† Provisional data which are subject to revision

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**Table 6: Tuberculosis cases by sex, 1996 and 1997
(38 countries)**

Country	Male		Female		Unknown		Total	
	1996	1997	1996	1997	1996	1997	1996	1997
	N (%)	N (%)	N (%)	N (%)	N (%)	N (%)	N	N
Albania	397 (56)	377 (58)	310 (44)	278 (42)	0 (0)	0 (0)	707	655
Andorra	12 (71)	12 (63)	5 (29)	7 (37)	0 (0)	0 (0)	17	19
Armenia	698 (75)	793 (77)	237 (25)	233 (23)	0 (0)	0 (0)	935	1026
Austria	948 (66)	854 (62)	497 (34)	515 (38)	0 (0)	0 (0)	1445	1369
Belgium	896 (66)	841 (67)	456 (34)	422 (33)	0 (0)	0 (0)	1352	1263
Bosnia-Herzegovina	1338 (60)	1631 (57)	882 (40)	1238 (43)	0 (0)	0 (0)	2220	2869
Croatia	1425 (66)	1344 (65)	749 (34)	710 (35)	0 (0)	0 (0)	2174	2054
Czech Republic	1154 (60)	1128 (62)	782 (40)	706 (38)	0 (0)	0 (0)	1936	1834
Denmark	291 (60)	308 (56)	193 (40)	246 (44)	0 (0)	0 (0)	484	554
Estonia	476 (70)	514 (69)	207 (30)	230 (31)	0 (0)	0 (0)	683	744
Finland	354 (55)	317 (55)	290 (45)	256 (45)	0 (0)	0 (0)	644	573
France	4659 (61)	4097 (60)	2971 (39)	2712 (40)	26 (0)	23 (0)	7656	6832
Georgia	6693 (63)*	5323 (63)*	3948 (37)*	3123 (37)*	0 (0)*	0 (0)*	10641*	8446*
Germany	7322 (62)	6968 (62)	4492 (38)	4195 (38)	0 (0)	0 (0)	11814	11163
Hungary	2791 (65)	2906 (69)	1487 (35)	1334 (31)	0 (0)	0 (0)	4278	4240
Iceland	5 (45)	4 (40)	6 (55)	6 (60)	0 (0)	0 (0)	11	10
Ireland	248 (57)	235 (56)	186 (43)	181 (44)	0 (0)	0 (0)	434	416
Israel	259 (62)	249 (59)	156 (38)	173 (41)	0 (0)	0 (0)	415	422
Italy	3160 (61)	3020 (58)	1984 (39)	1924 (37)	8 (0)	232 (4)	5152	5176
Kazakstan	- - †	9343 (58)	- - †	6766 (42)	- - †	0 (0)	-	16109
Latvia	1200 (68)	1437 (72)	561 (32)	566 (28)	0 (0)	0 (0)	1761	2003
Lithuania	1728 (66)	1923 (66)	880 (34)	1003 (34)	0 (0)	0 (0)	2608	2926
Luxembourg	22 (61)	27 (71)	14 (39)	11 (29)	0 (0)	0 (0)	36	38
Macedonia	422 (58)	405 (58)	302 (42)	288 (42)	0 (0)	0 (0)	724	693
Malta	18 (62)	9 (82)	11 (38)	2 (18)	0 (0)	0 (0)	29	11
Moldova	2032 (70)	2013 (69)	890 (30)	895 (31)	0 (0)	0 (0)	2922	2908
Netherlands	1014 (60)	886 (60)	664 (40)	600 (40)	0 (0)	0 (0)	1678	1486
Norway	128 (59)	112 (55)	89 (41)	93 (45)	0 (0)	0 (0)	217	205
Poland	10320 (67)	9324 (67)	5038 (33)	4643 (33)	0 (0)	0 (0)	15358	13967
Portugal	3385 (65)	3411 (67)	1863 (35)	1701 (33)	0 (0)	0 (0)	5248	5112
Romania	16968 (70)	17108 (72)	7145 (30)	6795 (28)	0 (0)	0 (0)	24113	23903
Slovakia	874 (58)	767 (59)	625 (42)	531 (41)	0 (0)	0 (0)	1499	1298
Slovenia	341 (61)	295 (61)	222 (39)	186 (39)	0 (0)	0 (0)	563	481
Sweden	245 (50)	228 (50)	248 (50)	228 (50)	0 (0)	0 (0)	493	456
Switzerland	467 (61)	435 (58)	297 (39)	312 (42)	0 (0)	0 (0)	764	747
Turkmenistan	1209 (56)	1977 (58)	940 (44)	1461 (42)	0 (0)	0 (0)	2149	3438
United Kingdom	3584 (57)	3568 (56)	2656 (43)	2787 (44)	0 (0)	0 (0)	6240	6355
Yugoslavia	2630 (58)	2382 (59)	1880 (41)	1680 (41)	31 (1)	0 (0)	4541	4062

* Provisional data which are subject to revision

† Distribution by sex not available

TABLES

**Table 7: Tuberculosis cases by age group, 1996 and 1997
(36 countries)**

Country	0-14 years				15-44 years				45-64 years			
	1996		1997		1996		1997		1996		1997	
	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)
Andorra	0	(0)	0	(0)	10	(59)	9	(47)	5	(29)	3	(16)
Armenia	119	(13)	97	(9)	546	(58)	660	(64)	228	(24)	225	(22)
Austria	50	(3)	61	(4)	643	(44)	549	(40)	395	(27)	400	(29)
Belgium	69	(5)	67	(5)	550	(41)	501	(40)	336	(25)	281	(22)
Bosnia-Herzegovina	43	(2)	59	(2)	804	(36)	1047	(36)	636	(29)	792	(28)
Croatia	100	(5)	104	(5)	817	(38)	769	(37)	688	(32)	655	(32)
Czech Republic	38	(2)	20	(1)	413	(21)	430	(23)	689	(36)	655	(36)
Denmark	40	(8)	52	(9)	277	(57)	349	(63)	93	(19)	98	(18)
Estonia	18	(3)	28	(4)	355	(52)	356	(48)	214	(31)	261	(35)
Finland	4	(1)	5	(1)	106	(16)	101	(18)	162	(25)	164	(29)
France	383	(5)	308	(5)	3198	(42)	2972	(44)	1886	(25)	1673	(24)
Georgia	1200	(11)*	1404	(17)*	6816	(64)*	4406	(52)*	2006	(19)*	1822	(22)*
Germany	578	(5)	480	(4)	4804	(41)	4512	(40)	3223	(27)	3144	(28)
Hungary	16	(0)	17	(0)	2105	(49)	1430	(34)	1508	(35)	1768	(42)
Iceland	1	(9)	0	(0)	4	(36)	2	(20)	1	(9)	2	(20)
Ireland	-	- †	32	(8)	-	- †	143	(34)	-	- †	98	(24)
Israel	17	(4)	20	(5)	151	(36)	166	(39)	88	(21)	94	(22)
Italy	174	(3)	154	(3)	2055	(40)	1963	(38)	1293	(25)	1219	(24)
Kazakstan	-	- †	1471	(9)	-	- †	8884	(55)	-	- †	4725	(29)
Latvia	86	(5)	90	(4)	890	(51)	1054	(53)	576	(33)	636	(32)
Lithuania	128	(5)	147	(5)	1163	(45)	1247	(43)	942	(36)	1025	(35)
Luxembourg	1	(3)	2	(5)	22	(61)	12	(32)	6	(17)	12	(32)
Macedonia	39	(5)	78	(11)	361	(50)	313	(45)	227	(31)	188	(27)
Malta	3	(10)	1	(9)	11	(38)	2	(18)	8	(28)	2	(18)
Moldova	94	(3)	85	(3)	1784	(61)	1819	(63)	859	(29)	851	(29)
Netherlands	98	(6)	91	(6)	978	(58)	889	(60)	290	(17)	244	(16)
Norway	19	(9)	20	(10)	91	(42)	82	(40)	36	(17)	28	(14)
Poland	181	(1)	161	(1)	6387	(42)	5698	(41)	5410	(35)	4987	(36)
Portugal	220	(4)	219	(4)	3074	(59)	2935	(57)	1113	(21)	1138	(22)
Romania	1195	(5)	1127	(5)	14227	(59)	14008	(59)	7028	(29)	7156	(30)
Slovakia	46	(3)	27	(2)	441	(29)	383	(30)	431	(29)	391	(30)
Slovenia	6	(1)	5	(1)	238	(42)	199	(41)	175	(31)	132	(27)
Sweden	26	(5)	30	(7)	206	(42)	212	(46)	94	(19)	70	(15)
Switzerland	24	(3)	22	(3)	380	(50)	391	(52)	145	(19)	117	(16)
United Kingdom	410	(7)	481	(8)	2752	(44)	2801	(44)	1399	(22)	1456	(23)
Yugoslavia	162	(4)	157	(4)	1969	(43)	1809	(45)	1394	(31)	1234	(30)

* Provisional data which are subject to revision

† Distribution by age group not available

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> 64 years		Unknown		Total		Country
1996 N (%)	1997 N (%)	1996 N (%)	1997 N (%)	1996 N	1997 N	
2 (12)	7 (37)	0 (0)	0 (0)	17	19	Andorra
42 (4)	44 (4)	0 (0)	0 (0)	935	1026	Armenia
357 (25)	359 (26)	0 (0)	0 (0)	1445	1369	Austria
397 (29)	414 (33)	0 (0)	0 (0)	1352	1263	Belgium
401 (18)	628 (22)	336 (15)	343 (12)	2220	2869	Bosnia-Herzegovina
569 (26)	526 (26)	0 (0)	0 (0)	2174	2054	Croatia
796 (41)	728 (40)	0 (0)	1 (0)	1936	1834	Czech Republic
74 (15)	55 (10)	0 (0)	0 (0)	484	554	Denmark
96 (14)	99 (13)	0 (0)	0 (0)	683	744	Estonia
372 (58)	303 (53)	0 (0)	0 (0)	644	573	Finland
2189 (29)	1879 (28)	0 (0)	0 (0)	7656	6832	France
619 (6)*	814 (10)*	0 (0)*	0 (0)*	10641*	8446*	Georgia
3209 (27)	3027 (27)	0 (0)	0 (0)	11814	11163	Germany
649 (15)	1025 (24)	0 (0)	0 (0)	4278	4240	Hungary
5 (45)	6 (60)	0 (0)	0 (0)	11	10	Iceland
- †	143 (34)	- †	0 (0)	- †	416	Ireland
157 (38)	142 (34)	2 (0)	0 (0)	415	422	Israel
1590 (31)	1565 (30)	40 (1)	275 (5)	5152	5176	Italy
- †	1029 (6)	- †	0 (0)	-	16109	Kazakstan
209 (12)	223 (11)	0 (0)	0 (0)	1761	2003	Latvia
375 (14)	507 (17)	0 (0)	0 (0)	2608	2926	Lithuania
5 (14)	9 (24)	2 (6)	3 (8)	36	38	Luxembourg
97 (13)	114 (16)	0 (0)	0 (0)	724	693	Macedonia
7 (24)	6 (55)	0 (0)	0 (0)	29	11	Malta
185 (6)	153 (5)	0 (0)	0 (0)	2922	2908	Moldova
312 (19)	262 (18)	0 (0)	0 (0)	1678	1486	Netherlands
71 (33)	74 (36)	0 (0)	1 (0)	217	205	Norway
3380 (22)	3121 (22)	0 (0)	0 (0)	15358	13967	Poland
841 (16)	820 (16)	0 (0)	0 (0)	5248	5112	Portugal
1659 (7)	1611 (7)	4 (0)	1 (0)	24113	23903	Romania
580 (39)	497 (38)	1 (0)	0 (0)	1499	1298	Slovakia
144 (26)	145 (30)	0 (0)	0 (0)	563	481	Slovenia
167 (34)	144 (32)	0 (0)	0 (0)	493	456	Sweden
215 (28)	217 (29)	0 (0)	0 (0)	764	747	Switzerland
1545 (25)	1501 (24)	134 (2)	116 (2)	6240	6355	United Kingdom
956 (21)	861 (21)	60 (1)	1 (0)	4541	4062	Yugoslavia

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**Table 8: Tuberculosis cases by age group, 1997
(35 countries)**

Country	0-4 years		5-14 years		15-24 years		25-34 years		35-44 years	
	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)
Andorra	0	(0)	0	(0)	1	(5)	3	(16)	5	(26)
Armenia	26	(3)	71	(7)	273	(27)	199	(19)	188	(18)
Austria	44	(3)	17	(1)	101	(7)	214	(16)	234	(17)
Belgium	36	(3)	31	(2)	96	(8)	207	(16)	198	(16)
Bosnia-Herzegovina	22	(1)	37	(1)	257	(9)	369	(13)	421	(15)
Croatia	26	(1)	78	(4)	175	(9)	218	(11)	376	(18)
Czech Republic	9	(0)	11	(1)	70	(4)	119	(6)	241	(13)
Denmark	19	(3)	33	(6)	97	(18)	157	(28)	95	(17)
Estonia	8	(1)	20	(3)	60	(8)	130	(17)	166	(22)
Finland	2	(0)	3	(1)	15	(3)	37	(6)	49	(9)
France	155	(2)	153	(2)	571	(8)	1142	(17)	1259	(18)
Georgia	345	(4)*	1059	(13)*	1133	(13)*	1581	(19)*	1692	(20)*
Germany	234	(2)	246	(2)	955	(9)	1835	(16)	1722	(15)
Hungary	9	(0)	8	(0)	150	(4)	372	(9)	908	(21)
Iceland	0	(0)	0	(0)	1	(10)	0	(0)	1	(10)
Israel	8	(2)	12	(3)	41	(10)	70	(17)	55	(13)
Italy	84	(2)	70	(1)	379	(7)	850	(16)	734	(14)
Kazakhstan	571	(4)	900	(6)	1976	(12)	2869	(18)	4039	(25)
Latvia	26	(1)	64	(3)	216	(11)	385	(19)	453	(23)
Lithuania	17	(1)	130	(4)	268	(9)	402	(14)	577	(20)
Luxembourg	1	(3)	1	(3)	4	(11)	2	(5)	6	(16)
Macedonia	28	(4)	50	(7)	78	(11)	130	(19)	105	(15)
Malta	0	(0)	1	(9)	1	(9)	1	(9)	0	(0)
Moldova	25	(1)	60	(2)	474	(16)	574	(20)	771	(27)
Netherlands	26	(2)	65	(4)	231	(16)	404	(27)	254	(17)
Norway	9	(4)	11	(5)	18	(9)	32	(16)	32	(16)
Poland	50	(0)	111	(1)	832	(6)	1544	(11)	3322	(24)
Portugal	65	(1)	154	(3)	705	(14)	1278	(25)	952	(19)
Romania	406	(2)	721	(3)	3950	(17)	4415	(18)	5643	(24)
Slovakia	9	(1)	18	(1)	60	(5)	116	(9)	207	(16)
Slovenia	3	(1)	2	(0)	38	(8)	74	(15)	87	(18)
Sweden	9	(2)	21	(5)	53	(12)	91	(20)	68	(15)
Switzerland	12	(2)	10	(1)	114	(15)	164	(22)	113	(15)
United Kingdom	179	(3)	302	(5)	716	(11)	1185	(19)	900	(14)
Yugoslavia	36	(1)	121	(3)	521	(13)	584	(14)	704	(17)

* Provisional data which are subject to revision

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45-54 years		55-64 years		> 64 years		Unknown		Total	Country
N	(%)	N	(%)	N	(%)	N	(%)	N	
2	(11)	1	(5)	7	(37)	0	(0)	19	Andorra
117	(11)	108	(11)	44	(4)	0	(0)	1026	Armenia
223	(16)	177	(13)	359	(26)	0	(0)	1369	Austria
149	(12)	132	(10)	414	(33)	0	(0)	1263	Belgium
321	(11)	471	(16)	628	(22)	343	(12)	2869	Bosnia-Herzegovina
294	(14)	361	(18)	526	(26)	0	(0)	2054	Croatia
359	(20)	296	(16)	728	(40)	1	(0)	1834	Czech Republic
61	(11)	37	(7)	55	(10)	0	(0)	554	Denmark
149	(20)	112	(15)	99	(13)	0	(0)	744	Estonia
74	(13)	90	(16)	303	(53)	0	(0)	573	Finland
961	(14)	712	(10)	1879	(28)	0	(0)	6832	France
985	(12)*	837	(10)*	814	(10)*	0	(0)*	8446*	Georgia
1506	(13)	1638	(15)	3027	(27)	0	(0)	11163	Germany
1008	(24)	760	(18)	1025	(24)	0	(0)	4240	Hungary
0	(0)	2	(20)	6	(60)	0	(0)	10	Iceland
42	(10)	52	(12)	142	(34)	0	(0)	422	Israel
562	(11)	657	(13)	1565	(30)	275	(5)	5176	Italy
2879	(18)	1846	(11)	1029	(6)	0	(0)	16019	Kazakistan
343	(17)	293	(15)	223	(11)	0	(0)	2003	Latvia
558	(19)	467	(16)	507	(17)	0	(0)	2926	Lithuania
6	(16)	6	(16)	9	(24)	3	(8)	38	Luxembourg
88	(13)	100	(14)	114	(16)	0	(0)	693	Macedonia
1	(9)	1	(9)	6	(55)	0	(0)	11	Malta
526	(18)	325	(11)	153	(5)	0	(0)	2908	Moldova
146	(10)	98	(7)	262	(18)	0	(0)	1486	Netherlands
15	(7)	13	(6)	74	(36)	1	(0)	205	Norway
2856	(20)	2131	(15)	3121	(22)	0	(0)	13967	Poland
616	(12)	522	(10)	820	(16)	0	(0)	5112	Portugal
4382	(18)	2774	(12)	1611	(7)	1	(0)	23903	Romania
201	(15)	190	(15)	497	(38)	0	(0)	1298	Slovakia
64	(13)	68	(14)	145	(30)	0	(0)	481	Slovenia
29	(6)	41	(9)	144	(32)	0	(0)	456	Sweden
67	(9)	50	(7)	217	(29)	0	(0)	747	Switzerland
688	(11)	768	(12)	1501	(24)	116	(2)	6355	United Kingdom
585	(14)	649	(16)	861	(21)	1	(0)	4062	Yugoslavia

TABLES

**Table 9: Tuberculosis cases by geographic origin, 1996 and 1997
(29 countries)**

Geographic origin = place of birth (22 countries)

Country	Born in the country		Foreign-born				Unknown birth-place		Total					
	1996		1996		1997		1996		1996	1997				
	N	(%)	N	(%)	N	(%)	N	(%)	N	N				
Andorra	5	(29)	3	(16)	12	(71)	16	(84)	0	(0)	0	(0)	17	19
Armenia	820	(88)	1026	(100)	115	(12)	0	(0)	0	(0)	0	(0)	935	1026
Croatia	1052	(48)	960	(47)	222	(10)	185	(9)	900	(41)	909	(44)	2174	2054
Czech Republic	1936	(100)	1726	(94)	0	(0)	108	(6)	0	(0)	0	(0)	1936	1834
Denmark	195	(40)	174	(31)	283	(58)	380	(69)	6	(1)	0	(0)	484	554
Estonia	681	(100)	716	(96)	2	(0)	28	(4)	0	(0)	0	(0)	683	744
Finland	596	(93)	524	(91)	34	(5)	41	(7)	14	(2)	8	(1)	644	573
France	3075	(40)	3370	(49)	1289	(17)	1684	(25)	3292	(43)	1778	(26)	7656	6832
Hungary	4236	(99)	4196	(99)	42	(1)	44	(1)	0	(0)	0	(0)	4278	4240
Iceland	7	(64)	8	(80)	4	(36)	2	(20)	0	(0)	0	(0)	11	10
Ireland	-	.*	382	(92)	-	.*	25	(6)	-	.*	9	(2)	-	416
Israel	70	(17)	52	(12)	345	(83)	370	(88)	0	(0)	0	(0)	415	422
Latvia	-	.*	1889	(94)	-	.*	85	(4)	-	.*	29	(1)	-	2003
Lithuania	-	.*	2769	(95)	-	.*	157	(5)	-	.*	0	(0)	-	2926
Luxembourg	13	(36)	20	(53)	23	(64)	17	(45)	0	(0)	1	(3)	36	38
Malta	19	(66)	8	(73)	10	(34)	3	(27)	0	(0)	0	(0)	29	11
Moldova	-	.*	2908	(100)	-	.*	0	(0)	-	.*	0	(0)	-	2908
Norway	115	(53)	95	(46)	102	(47)	110	(54)	0	(0)	0	(0)	217	205
Slovakia	1497	(100)	1298	(100)	2	(0)	0	(0)	0	(0)	0	(0)	1499	1298
Slovenia	457	(81)	377	(78)	106	(19)	101	(21)	0	(0)	3	(1)	563	481
Sweden	198	(40)	156	(34)	295	(60)	300	(66)	0	(0)	0	(0)	493	456
Switzerland	227	(30)	239	(32)	359	(47)	403	(54)	178	(23)	105	(14)	764	747

Geographic origin = citizenship (10 countries)

Country	National citizen		Foreign citizen				Unknown citizenship		Total					
	1996		1996		1997		1996		1996	1997				
	N	(%)	N	(%)	N	(%)	N	(%)	N	N				
Austria	1098	(76)	1029	(75)	347	(24)	340	(25)	0	(0)	0	(0)	1445	1369
Belgium	906	(67)	849	(67)	435	(32)	414	(33)	11	(1)	0	(0)	1352	1263
France	4929	(64)	4408	(65)	1845	(24)	1613	(24)	882	(12)	811	(12)	7656	6832
Georgia	-	.*	8446	(100) †	-	.*	0	(0) †	-	.*	0	(0) †	-	8446 †
Germany	8340	(71)	7736	(69)	3474	(29)	3427	(31)	0	(0)	0	(0)	11814	11163
Italy	4377	(85)	4121	(80)	572	(11)	691	(13)	203	(4)	364	(7)	5152	5176
Luxembourg	14	(39)	35	(92)	22	(61)	3	(8)	0	(0)	0	(0)	36	38
Netherlands	808	(48)	647	(44)	816	(49)	817	(55)	54	(3)	22	(1)	1678	1486
Romania	-	.*	23888	(100)	-	.*	15	(0)	-	.*	0	(0)	-	23903
Switzerland	348	(46)	327	(44)	416	(54)	420	(56)	0	(0)	0	(0)	764	747

* Distribution by geographic origin not available

† Provisional data which are subject to revision

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**Table 10: Continents of origin, tuberculosis patients of foreign origin, 1996 and 1997
(15 countries providing individual data)**

Geographic origin = place of birth (11 countries)

Country	Continent of origin										Total foreign-born patients	
	Europe		Asia		Africa		Other		Unknown		1996	1997
	1996	1997	1996	1997	1996	1997	1996	1997	1996	1997		
Czech Republic	-*	82	-*	13	-*	10	-*	3	-*	0	-	108
Denmark	31	18	92	122	145	216	15	18	6	6	283	380
Estonia	2	22	0	6	0	0	0	0	0	0	2	28
Finland	7	7	10	9	17	25	0	0	0	0	34	41
Iceland	0	0	3	1	0	1	1	0	0	0	4	2
Luxembourg	16	12	4	1	2	2	1	1	0	1	23	17
Malta	2	1	4	1	4	1	0	0	0	0	10	3
Norway	18	17	52	58	30	33	2	2	0	0	102	110
Slovenia	105	101	0	0	1	0	0	0	0	0	106	101
Sweden	81	78	64	72	135	134	11	10	4	6	295	300
Switzerland †	204	194	106	83	90	108	15	17	1	1	416	403

Geographic origin = citizenship (4 countries)

Country	Continent of origin										Total foreign-born patients	
	Europe		Asia		Africa		Other		Unknown		1996	1997
	1996	1997	1996	1997	1996	1997	1996	1997	1996	1997		
Austria	222	216	83	108	15	13	6	3	21	0	347	340
Belgium	104	112	110	96	214	196	7	9	0	1	435	414
Italy	70	100	110	138	249	330	95	98	48	25	572	691
Netherlands	57	51	251	248	454	463	54	55	0	0	816	817

* Distribution by continent of origin not available

† Geographic origin based on citizenship for 1996

TABLES

**Table 11: Tuberculosis cases by site of disease, 1996 and 1997
(37 countries)**

Country	Pulmonary/Respiratory		Extra-pulmonary/Extra respiratory		Unknown		Total	
	1996	1997	1996	1997	1996	1997	1996	1997
	N (%)	N (%)	N (%)	N (%)	N (%)	N (%)	N	N
Pulmonary classification (27 countries)								
Albania	389 (55)	357 (55)	318 (45)	298 (45)	0 (0)	0 (0)	707	655
Andorra	- *	18 (95)	- *	1 (5)	- *	0 (0)	-	19
Armenia	862 (92) †	860 (84)	73 (8) †	166 (16)	0 (0)	0 (0)	935	1026
Austria	1225 (85)	1139 (83)	220 (15)	230 (17)	0 (0)	0 (0)	1445	1369
Belgium	1072 (79)	1003 (79)	278 (21)	257 (20)	2 (0)	3 (0)	1352	1263
Bosnia-Herzegovina	2165 (98) †	2617 (91)	54 (2) †	252 (9)	1 (0)	0 (0)	2220	2869
Croatia	1995 (92)	1859 (91)	179 (8)	195 (9)	0 (0)	0 (0)	2174	2054
Denmark	326 (67)	362 (65)	158 (33)	191 (34)	0 (0)	1 (0)	484	554
Estonia	627 (92)	663 (89)	55 (8)	81 (11)	1 (0)	0 (0)	683	744
Finland	431 (67)	363 (63)	213 (33)	210 (37)	0 (0)	0 (0)	644	573
France	5604 (73)	5092 (75)	1797 (23)	1661 (24)	255 (3)	79 (1)	7656	6832
Georgia	7649 (72) ‡	6417 (76)	2992 (28) ‡	2029 (24)	0 (0)	0 (0)	10641	8446
Hungary	4005 (94)	3879 (91)	273 (6)	359 (8)	0 (0)	2 (0)	4278	4240
Ireland	- *	319 (77)	- *	88 (21)	- *	9 (2)	-	416
Iceland	7 (64)	7 (70)	4 (36)	3 (30)	0 (0)	0 (0)	11	10
Israel	343 (83)	351 (83)	72 (17)	71 (17)	0 (0)	0 (0)	415	422
Italy	3800 (74)	3668 (71)	1333 (26)	1241 (24)	19 (0)	267 (5)	5152	5176
Luxembourg	29 (81)	31 (82)	6 (17)	7 (18)	1 (3)	0 (0)	36	38
Malta	18 (62)	9 (82)	11 (38)	2 (18)	0 (0)	0 (0)	29	11
Netherlands	1134 (68)	998 (67)	544 (32)	488 (33)	0 (0)	0 (0)	1678	1486
Norway	149 (69)	130 (63)	68 (31)	75 (37)	0 (0)	0 (0)	217	205
Portugal	3598 (69)	3688 (72)	1650 (31)	1424 (28)	0 (0)	0 (0)	5248	5112
Romania	19951 (83)	20468 (86)	4160 (17)	3435 (14)	2 (0)	0 (0)	24113	23903
Slovakia	1169 (78)	1021 (79)	330 (22)	277 (21)	0 (0)	0 (0)	1499	1298
Slovenia	454 (81)	373 (78)	107 (19)	104 (22)	2 (0)	4 (1)	563	481
Sweden	309 (63)	310 (68)	184 (37)	146 (32)	0 (0)	0 (0)	493	456
Switzerland	594 (78)	574 (77)	170 (22)	173 (23)	0 (0)	0 (0)	764	747
Respiratory classification (10 countries)								
Czech Republic	1606 (83)	1519 (83)	330 (17)	315 (17)	0 (0)	0 (0)	1936	1834
Germany	9957 (84)	9415 (84)	1857 (16)	1748 (16)	0 (0)	0 (0)	11814	11163
Kazakstan	- *	14912 (93)	- *	1197 (7)	- (0)*	0 (0)	-	16109
Latvia	1677 (95)	1894 (95)	84 (5)	109 (5)	0 (0)	0 (0)	1761	2003
Lithuania	2331 (89)	2577 (88)	277 (11)	349 (12)	0 (0)	0 (0)	2608	2926
Macedonia	654 (90)	616 (89)	70 (10)	77 (11)	0 (0)	0 (0)	724	693
Moldova	2729 (93)	2720 (94)	193 (7)	188 (6)	0 (0)	0 (0)	2922	2908
Poland	14761 (96)	13396 (96)	597 (4)	571 (4)	0 (0)	0 (0)	15358	13967
United Kingdom	4147 (66) §	4820 (76)	2093 (34) §	1535 (24)	0 (0) §	0 (0) §	6240	6355
Yugoslavia	4225 (93)	3815 (94)	285 (6)	247 (6)	31 (1)	0 (0)	4541	4062

* Distribution by site of disease not available † Respiratory classification in 1996

‡ Provisional data which are subject to revision § England & Wales, Northern Ireland: pulmonary classification; Scotland: respiratory classification

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Table 12: Pulmonary or respiratory tuberculosis cases by sputum smear results, 1996 and 1997 (32 countries)

Country	Smear positive				Smear negative or unknown				Total pulmonary/respiratory cases	
	1996		1997		1996		1997		1996	1997
	N	(%)	N	(%)	N	(%)	N	(%)	N	N
Pulmonary classification (23 countries)										
Albania	173	(44)	247	(69)	216	(56)	110	(31)	389	357
Armenia	385	(45)*	470	(55)	477	(55)*	390	(45)	862*	860
Austria	422	(34)	430	(38)	803	(66)	709	(62)	1225	1139
Belgium	493	(46)	491	(49)	579	(54)	512	(51)	1072	1003
Bosnia-Herzegovina	-	- †	895	(34)	-	- †	1722	(66)	-	2617
Denmark	129	(40)	123	(34)	197	(60)	239	(66)	326	362
Estonia	280	(45)	310	(47)	347	(55)	353	(53)	627	663
Finland	240	(56)	186	(51)	191	(44)	177	(49)	431	363
France	3002	(54)	2734	(54)	2602	(46)	2358	(46)	5604	5092
Georgia	1801	(24) ‡	1148	(18) ‡	5848	(76) ‡	5269	(82) ‡	7649 ‡	6417 ‡
Hungary	881	(22)	865	(22)	3124	(78)	3014	(78)	4005	3879
Iceland	1	(14)	5	(71)	6	(86)	2	(29)	7	7
Israel	193	(56)	221	(63)	150	(44)	130	(37)	343	351
Italy	2111	(56)	2011	(55)	1689	(44)	1657	(45)	3800	3668
Malta	5	(28)	0	(0)	13	(72)	9	(100)	18	9
Netherlands	424	(37)	352	(35)	710	(63)	646	(65)	1134	998
Norway	-	- †	90	(69)	-	- †	40	(31)	-	130
Portugal	2158	(60)	2140	(58)	1440	(40)	1548	(42)	3598	3688
Romania	11449	(57)	12683	(62)	8508	(43)	7785	(38)	19957	20468
Slovakia	413	(35)	326	(32)	756	(65)	695	(68)	1169	1021
Slovenia	257	(57)	179	(48)	197	(43)	194	(52)	454	373
Sweden	98	(32)	110	(35)	211	(68)	200	(65)	309	310
Switzerland	195	(33)	172	(30)	399	(67)	402	(70)	594	574
Respiratory classification (9 countries)										
Czech Republic	587	(37)	484	(32)	1019	(63)	1035	(68)	1606	1519
Germany	3680	(37)	3345	(36)	6277	(63)	6070	(64)	9957	9415
Kazakstan	-	- †	5060	(34)	-	- †	9852	(66)	-	14912
Latvia	978	(58)	1157	(61)	699	(42)	737	(39)	1677	1894
Lithuania	1261	(54)	1338	(52)	1070	(46)	1239	(48)	2331	2577
Macedonia	242	(37)	232	(38)	412	(63)	384	(62)	654	616
Moldova	250	(9)	468	(17)	2479	(91)	2252	(83)	2729	2720
Poland	4137	(28)	7279	(54)	10624	(72)	6117	(46)	14761	13396
Yugoslavia	-	- †	1927	(51)	-	- †	1888	(49)	-	3815

* Respiratory classification

† Distribution by sputum smear results not available

‡ Provisional data which are subject to revision

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Table 13: Tuberculosis cases by bacteriological confirmation, 1996 and 1997 (33 countries)

Country	Confirmed				Non confirmed or unknown				Total	
	1996		1997		1996		1997		1996	1997
	N	(%)	N	(%)	N	(%)	N	(%)	N	N
Confirmation based on positive culture (12 countries)										
Czech Republic	1002	(52)	907	(49)	934	(48)	927	(51)	1936	1834
Denmark	427	(88)	459	(83)	57	(12)	95	(17)	484	554
Finland	510	(79)	445	(78)	134	(21)	128	(22)	644	573
Germany	6639	(56)*	6265	(56)*	5175	(44)	4898	(44)	11814	11163
Hungary	1830	(43)	1687	(40)	2448	(57)	2553	(60)	4278	4240
Iceland	6	(55)	9	(90)	5	(45)	1	(10)	11	10
Israel	206	(50)	260	(62)	209	(50)	162	(38)	415	422
Netherlands	1287	(77) †	905	(61)	391	(23) †	581	(39)	1878	1486
Norway	149	(69)	139	(68)	68	(31)	66	(32)	217	205
Slovenia	423	(75)	356	(74)	140	(25)	125	(26)	563	481
Sweden	417	(85)	380	(83)	76	(15)	76	(17)	493	456
Switzerland	588	(77)	582	(78)	176	(23)	165	(22)	764	747
Confirmation based on positive culture or positive sputum smear (21 countries)										
Albania	186	(26)	247	(38)	521	(74)	408	(62)	707	655
Armenia	385	(41) ‡	470	(46) ‡	550	(59) ‡	556	(54) ‡	935	1026
Austria	914	(63)	797	(58)	531	(37)	572	(42)	1445	1369
Belgium	905	(67)	776	(61)	447	(33)	487	(39)	1352	1263
Bosnia-Herzegovina	1131	(51)	1476	(51)	1089	(49)	1393	(49)	2220	2869
Estonia	440	(64)	595	(80)	243	(36)	149	(20)	683	744
France	3993	(52)	3722	(54)	3663	(48)	3110	(46)	7656	6832
Georgia	1801	(17) §	1148	(14) §	8840	(83) §	7298	(86) §	10641	8446
Italy	3296	(64)	3021	(58)	1856	(36)	2155	(42)	5152	5176
Kazakstan	-	-	5336	(33)	-	-	10773	(67)	-	16109
Latvia	1015	(58)	1179	(59)	746	(42)	824	(41)	1761	2003
Lithuania	1261	(48)	1366	(47)	1347	(52)	1560	(53)	2608	2926
Luxembourg	22	(61)	6	(16)	14	(39)	32	(84)	36	38
Macedonia	242	(33)	232	(33)	482	(67)	461	(67)	724	693
Malta	9	(31)	2	(18)	20	(69)	9	(82)	29	11
Moldova	938	(32)	840	(29)	1984	(68)	2068	(71)	2922	2908
Netherlands			996	(67)			490	(33)		1486
Poland	8087	(53)	7484	(54)	7271	(47)	6483	(46)	15358	13967
Portugal	2761	(53)	3691	(72)	2487	(47)	1421	(28)	5248	5112
Romania	14202	(59)	15947	(67)	9911	(41)	7956	(33)	24113	23903
Slovakia	835	(56)	748	(58)	664	(44)	550	(42)	1499	1298
Yugoslavia	2157	(48)	1927	(47)	2384	(52)	2135	(53)	4541	4062

* Information on bacteriological confirmation available on respiratory cases only

† Confirmation based on positive culture or positive smear

‡ Confirmation based on positive sputum smear only

§ Provisional data which are subject to revision

|| Distribution by bacteriological confirmation not available

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Table 14: Tuberculosis cases by site of disease, culture and sputum smear results, 1997 (17 countries with individual data)

Country	Pulmonary culture (+)		Pulmonary culture (-)		Pulmonary culture unknown		Extra pulmonary		Unknown site	Total N
	Smear (+)	Smear (-) or unknown	Smear (+)	Smear (-) or unknown	Smear (+)	Smear (-) or unknown	Culture (+)	Culture (-) or unknown		
	N (%)	N (%)	N (%)	N (%)	N (%)	N (%)	N (%)	N (%)		
Austria	302 (22)	306 (22)	22 (2)	205 (15)	106 (8)	198 (14)	61 (4)	169 (12)	0 (0)	1369
Belgium	356 (28)	285 (23)	26 (2)	112 (9)	109 (9)	115 (9)	0 (0)	257 (20)	3 (0)	1263
Czech Rep.	484 (26)*	423 (23)*	0 (0)*	437 (24)*	0 (0)*	175 (10)*	0 (0)*	315 (17)*	0 (0)*	1834
Denmark	123 (22)	176 (32)	0 (0)	0 (0)	0 (0)	63 (11)	160 (29)	31 (6)	1 (0)	554
Estonia	310 (42)	240 (32)	0 (0)	107 (14)	0 (0)	6 (1)	45 (6)	36 (5)	0 (0)	744
Finland	151 (26)	159 (28)	0 (0)	0 (0)	35 (6)	18 (3)	135 (24)	75 (13)	0 (0)	573
France	588 (9)	901 (13)	128 (2)	273 (4)	2018 (30)	1184 (17)	87 (1)	1574 (23)	79 (1)	6832
Iceland	5 (50)	1 (10)	0 (0)	1 (10)	0 (0)	0 (0)	3 (30)	0 (0)	0 (0)	10
Italy	1183 (23)	587 (11)	151 (3)	424 (8)	677 (13)	646 (12)	408 (8)	833 (16)	267 (5)	5176
Luxembourg	- - †	6 (16) †	- - †	1 (3) †	- - †	24 (63) †	0 (0)	7 (18)	0 (0)	38
Malta	0 (0)	2 (18)	0 (0)	4 (36)	0 (0)	3 (27)	0 (0)	2 (18)	0 (0)	11
Netherlands	266 (18)	358 (24)	0 (0)	0 (0)	86 (6)	288 (19)	281 (19)	207 (14)	0 (0)	1486
Norway	82 (40)	12 (6)	4 (2)	19 (9)	4 (2)	9 (4)	45 (22)	30 (15)	0 (0)	205
Romania	10462 (44)	3257 (14)	0 (0)	3555 (15)	2221 (9)	973 (4)	7 (0)	3428 (14)	0 (0)	23903
Slovakia	326 (25)	339 (26)	0 (0)	356 (27)	0 (0)	0 (0)	83 (6)	194 (15)	0 (0)	1298
Slovenia	177 (37)	130 (27)	2 (0)	36 (7)	0 (0)	28 (6)	47 (10)	57 (12)	4 (1)	481
Sweden	107 (23)	147 (32)	3 (1)	36 (8)	0 (0)	17 (4)	126 (28)	20 (4)	0 (0)	456
Switzerland	157 (21)	287 (38)	10 (1)	71 (10)	5 (1)	44 (6)	138 (18)	35 (5)	0 (0)	747

* Respiratory classification

† Information on sputum smear results unknown

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Table 15: Drug resistance at start of treatment among culture positive tuberculosis cases, 1997 (10 countries)

Country	Culture (+)	Tested *	Isoniazid resistant		Rifampicin resistant		MDR †		Ethambutol resistant		Streptomycin resistant	
	N	N	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)
Denmark	459	425	20	(4.7)	3	(0.7)	1	(0.2)	2	(0.5)	44	(10.4)
Estonia	595	378	88	(23.3)	52	(13.8)	49	(13.0)	28	(7.4)	97	(25.7)
Finland	445	320	14	(4.4)	2	(0.6)	1	(0.3)	0	(0.0)	4	(1.3)
Iceland	9	9	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	-	-
Netherlands	905	905	59	(6.5)	11	(1.2)	7	(0.8)	3	(0.3)	68	(7.5)
Norway	139	133	11	(8.3)	1	(0.8)	1	(0.8)	0	(0.0)	-	-
Romania	13726	3822	402	(10.5)	246	(6.4)	131	(3.4)	42	(1.1)	703	(18.4)
Slovenia	356	315	5	(1.6)	3	(1.0)	3	(1.0)	2	(0.6)	-	-
Sweden	380	380	24	(6.3)	4	(1.1)	4	(1.1)	0	(0.0)	18	(4.7)
Switzerland	585	453	23	(5.1)	6	(1.3)	5	(1.1)	4	(0.9)	-	-

Patients never treated ‡ (9 countries)

Country	Culture (+)	Tested *	Isoniazid resistant		Rifampicin resistant		MDR †		Ethambutol resistant		Streptomycin resistant	
	N	N	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)
Denmark	421	391	20	(5.1)	2	(0.5)	1	(0.3)	2	(0.5)	42	(10.7)
Estonia	520	334	76	(22.8)	46	(13.8)	43	(12.9)	21	(6.3)	83	(24.9)
Iceland	7	7	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	-	-
Netherlands	844	844	51	(6.0)	9	(1.1)	5	(0.6)	1	(0.1)	60	(7.1)
Norway	131	126	11	(8.7)	1	(0.8)	1	(0.8)	0	(0.0)	-	-
Romania	12132	3323	316	(9.5)	188	(5.7)	94	(2.8)	33	(1.0)	600	(18.1)
Slovenia	316	280	3	(1.1)	2	(0.7)	2	(0.7)	2	(0.7)	-	-
Sweden	354	354	20	(5.6)	2	(0.6)	2	(0.6)	0	(0.0)	17	(4.8)
Switzerland	437	345	11	(3.2)	0	(0.0)	0	(0.0)	0	(0.0)	-	-

Patients previously treated ‡ (9 countries)

Country	Culture (+)	Tested *	Isoniazid resistant		Rifampicin resistant		MDR †		Ethambutol resistant		Streptomycin resistant	
	N	N	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)
Denmark	38	34	0	(0.0)	1	(2.9)	0	(0.0)	0	(0.0)	2	(5.9)
Estonia	75	44	12	(27.3)	6	(13.6)	6	(13.6)	7	(15.9)	14	(31.8)
Iceland	2	2	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	-	-
Netherlands	61	61	8	(13.1)	2	(3.3)	2	(3.3)	2	(3.3)	8	(13.1)
Norway	4	4	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	-	-
Romania	1594	499	86	(17.2)	58	(11.6)	37	(7.4)	9	(1.8)	103	(20.6)
Slovenia	39	34	2	(5.9)	1	(2.9)	1	(2.9)	0	(0.0)	-	-
Sweden	26	26	4	(15.4)	2	(6.3)	2	(7.7)	0	(0.0)	1	(3.8)
Switzerland	53	42	10	(23.8)	6	(14.3)	5	(11.9)	4	(9.5)	-	-

- Not available

* Number of cases tested for all 4 drugs, except in Iceland, Norway, Switzerland and Slovenia (number of cases tested for isoniazid, rifampicin and ethambutol)

† MDR = Multi Drug Resistant (resistant to both isoniazid and rifampicin, with or without resistance to other drugs)

‡ Treated: by at least one month of combined antituberculosis drugs, excluding preventive chemotherapy