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TABLES

Table 3: Inclusion of specific population groups in tuberculosis notifications, WHO European Region, 1998

Geographic area Country	Foreigners			Prisoners	Military personnel	Homeless persons	Persons with HIV/AIDS	Institutionalised persons
	Legal residents	Asylum seekers	Illegal residents					
West								
Austria	□	□	□	□	□	□	□	□
Belgium	□	□	□	□	□	□	□	□
Denmark	□	□	□	□	□	□	□	□
Finland	□	□	□	□	□	□	□	□
France	□	□	□	□	□	□	□	□
Germany	□	□	□	□	□	□	□	□
Greece	□	□	□	□	□	□	□	□
Ireland	□	□	□	□	□	□	□	□
Italy	□	□	□	□	□	□	□	□
Luxembourg	□	□	□	□	□	□	□	□
Netherlands	□	□	□	□	□	□	□	□
Portugal	□	□	□	□	□	□	□	□
Spain	□	□	□	□	□	□	□	□
Sweden	□	□	□	□	□	□	□	□
United Kingdom	□	□	□	□	□	□	□	□
Subtotal EU	15	15	15	14	15	15	15	15
Andorra	□							
Iceland	□							
Israel	□							
Malta	□							
Monaco *	-	-	-	-	-	-	-	-
Norway	□	□	■	□	□	□	□	□
San Marino	□							
Switzerland	□	□	□	□	□	□	□	□
Total West	22	20	20	20	21	21	21	21
Centre								
Albania		■		■	□	□	□	□
Bosnia-Herzegovina †	□	□	□	□	□	□	□	□
Bulgaria	□	□	□	□	□	□	□	□
Croatia	□	□	□	□	□	□	□	□
Czech Republic	□	□	□	□	□	□	□	□
Hungary	□	□	□	□	□	□	□	□
Macedonia, FYR				■	□	□	□	□
Poland				□	□	□	□	□
Romania	□				□	□	□	□
Slovakia	□	□			□	□	□	□
Slovenia	□	□	■	□	□	□	□	□
Turkey								
Yugoslavia	□	□		■		□		□
Total Centre	9	9	6	10	11	10	11	11
East								
Armenia	□			□	□	□	□	□
Azerbaijan ‡				■	■		□	□
Belarus							□	□
Estonia	□	□	□	□	■	□	□	□
Georgia ‡	□	□	□			□	□	□
Kazakhstan	□			□	□	□	□	□
Kyrgyzstan								
Latvia	■	□		□	□	□	□	□
Lithuania	■	□	■	□	□	□	□	□
Moldova, Republic of	□				□	□	□	□
Russian Federation	■	■	■	■	■	■	■	■
Tajikistan	□	■						
Turkmenistan ‡				□	□	□	□	□
Ukraine	□	□	□	□	□	□	□	□
Uzbekistan								
Total East	10	7	5	9	10	10	12	12
Total WHO European Region	41	36	31	39	42	41	44	44

* No information provided † Foreigners not included in Republic Srpska

‡ Information provided for 1997 □ : included before 1998 ■ : included for the first time in 1998

TABLES

Table 4: Data provided to EuroTB, WHO European Region, 1998

Geographic area Country	Type of data	Previous TB diagnosis	Sex	Age	Geographic origin	Site of disease	Sputum smear	Culture *	Anti TB drug resistance *
West									
Austria	individual	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Belgium	individual	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Denmark	individual †	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Finland	individual	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
France	aggregate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Germany	aggregate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Greece	aggregate	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ireland	individual	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Italy	individual †	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Luxembourg	individual	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Netherlands	individual	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Portugal	aggregate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Spain	aggregate	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sweden	individual	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
United Kingdom	individual	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Subtotal EU		12	15	15	14	15	15	15	12
Andorra	aggregate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Iceland	individual	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Israel	aggregate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Malta	individual	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Monaco ‡	aggregate								
Norway	individual	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
San Marino ‡	aggregate								
Switzerland	individual	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Total West		18	21	21	20	21	21	21	18
Centre									
Albania	aggregate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bosnia-Herzegovina	aggregate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bulgaria	aggregate					<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Croatia	individual	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Czech Republic	individual †	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Hungary	aggregate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Macedonia, FYR	aggregate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Poland	aggregate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Romania	individual	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Slovakia	individual	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Slovenia	individual	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Turkey	aggregate	<input type="checkbox"/>				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
Yugoslavia	aggregate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Total Centre		12	11	11	6	12	12	12	8
East									
Armenia	aggregate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Azerbaijan	aggregate	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Belarus	aggregate								
Estonia	individual	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Georgia	aggregate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Kazakhstan	aggregate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Kyrgyzstan	aggregate	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Latvia	aggregate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lithuania	aggregate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Moldova, Republic of	aggregate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Russian Federation	aggregate	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>			
Tajikistan	aggregate	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>			
Turkmenistan	aggregate	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ukraine	aggregate	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Uzbekistan	aggregate	<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>		
Total East		13	8	8	6	9	9	5	3
Total WHO European Region		43	40	40	32	42	42	38	29

* Data collected for the first time in 1998 for countries providing aggregate data on TB cases † Except DST data
‡ No cases notified in 1998 ■ Information provided on new cases only ■ Data provided for the first time in 1998

TABLES

Table 5: Tuberculosis cases and annual notification rates per 100 000 population, WHO European Region, 1995-1998

Geographic area Country	1995		1996		1997		1998	
	N	Rate	N	Rate	N	Rate	N	Rate
West								
Austria	1 383	17.4	1 445	18.0	1 369	17.0	1 311	16.1
Belgium	1 380	13.6	1 352	13.3	1 263	12.4	1 203	11.9
Denmark	448	8.6	484	9.3	554	10.6	529	10.0
Finland	662	13.0	644	12.6	573	11.1	629	12.2
France	8 723	14.7	7 656	12.8	6 832	11.4	6 651	11.0
Germany	12 198	15.0	11 814	14.4	11 163	13.6	10 440	12.7
Greece	939 *	9.0 *	945 *	9.0 *	767 *	7.2 *	1 152	10.9
Ireland	458	12.9	434	12.2	416	11.6	424	11.5
Italy	5 225	9.1	5 152	9.0	5 176	9.0	4 795	8.4
Luxembourg	32	7.9	36	8.8	38	9.1	44	10.4
Netherlands	1 619	10.4	1 678	10.8	1 486	9.4	1 341	8.6
Portugal	5 577	56.8	5 248	53.5	5 112	52.0	5 260	53.3
Spain	8 764 †	22.1 †	8 331 †	21.0 †	9 347 †	23.5 †	9 111 †	22.9 †
Sweden	564	6.4	493	5.6	456	5.1	446	5.0
United Kingdom	6 161	10.6	6 240	10.7	6 355	10.8	6 176	10.5
Subtotal EU	54 133	14.5	51 952	13.9	50 907	13.6	49 512	13.2
Andorra	–	–	17	26.6	19	29.5	8	12.4
Iceland	12	4.5	11	4.1	10	3.6	17	6.2
Israel	398	7.1	415	7.2	422	7.2	656	11.0
Malta	10	2.7	29	7.9	11	2.9	16	4.2
Monaco	1	3.1	0	0.0	0	0.0	0	0.0
Norway	236	5.4	217	5.0	205	4.6	244	5.5
San Marino	2	8.0	0	0.0	1	3.8	0	0.0
Switzerland	830	11.5	764	10.5	747	10.1	749	10.3
Total West	55 622	14.2	53 405	13.6	52 322	13.3	51 202	13.0
Centre								
Albania	664	19.3	707	20.4	655	18.6	694	22.3
Bosnia-Herzegovina	2 132	61.6	2 220	62.9	2 869	77.5	3 071	83.6
Bulgaria	3 245	37.0	3 109	35.6	3 437	40.8	4 117	49.4
Croatia	2 114 ‡	47.0	2 174	48.5	2 054	45.9	2 118	47.3
Czech Republic	1 851	18.0	1 936	18.8	1 834	17.7	1 805	17.6
Hungary	4 339	42.9	4 278	42.5	4 240	42.2	3 999	39.5
Macedonia, FYR	786	36.3	724	33.2	693	31.5	620	31.0
Poland	15 959	41.6	15 358	39.9	13 967	36.2	13 302	34.4
Romania	23 271	101.9	24 113	105.9	23 903	105.2	25 758	114.6
Slovakia	1 537	28.7	1 499	27.9	1 298	24.1	1 282	23.8
Slovenia	525	27.0	563	28.9	481	24.6	449	22.5
Turkey	23 035	37.2	23 533	37.3	25 685	40.0	25 501	39.5
Yugoslavia	4 169	38.4	4 541	41.8	4 062	37.4	3 028 §	35.9 §
Total Centre	83 627	45.4	84 755	45.7	85 178	45.6	85 744	46.7
East								
Armenia	836	23.2	935	25.6	1 026	27.8	1 455	41.1
Azerbaijan	3 306	43.7	5 006	65.5	4 635	60.0	4 350	56.7
Belarus	5 092	50.2	5 619	55.5	5 985	59.2	5 595	54.2
Estonia	608	39.7	683	44.9	744	49.1	818	57.2
Georgia	–	–	10 641	194.7	8 446	154.1	6 302	124.6
Kazakstan	11 095 *	64.8 *	13 559 *	78.8 *	16 109	93.0	20 623	126.4
Kyrgyzstan	3 380	71.2	4 086	84.7	5 189	105.8	5 935	127.8
Latvia	1 541	60.3	1 761	69.4	2 003	79.5	2 182	90.0
Lithuania	2 362	63.8	2 608	70.6	2 926	79.2	3 016	81.7
Moldova, Republic of	2 753	62.1	2 922	65.7	2 908	65.2	2 891	66.0
Russian Federation	96 828	65.9	110 897	75.6	119 123	81.3	121 917	82.7
Tajikistan	2 029 ‡	33.3	1 647	26.3	2 143	33.2	2 503	41.6
Turkmenistan	2 009	49.0	2 149	51.3	3 438	80.3	3 712 *	86.1 *
Ukraine	21 459 ‡	41.8	26 834	52.3	28 344	55.3	31 318	61.6
Uzbekistan	9 866	43.2	11 919	51.1	13 352	56.0	13 958	59.2
Total East	163 164	56.9	201 266	68.7	216 371	73.7	226 575	77.7
Total WHO European Region	302 413	35.1	339 426	39.0	353 871	40.5	363 521	41.8

* New cases only ‡ Source: Global Tuberculosis Control, WHO Report 2000, WHO/CDS/TB/2000.275

† Until 1996, New respiratory cases only; since 1997 new and recurrent respiratory and meningal cases § Without Kosovo and Metohia

TABLES

**Table 6: Tuberculosis cases according to previous TB diagnosis,
WHO European Region, 1998**

Geographic area Country	Case status according to previous TB diagnosis						Total N
	New		Recurrent		Unknown		
	N	(%)	N	(%)	N	(%)	
West							
Austria	1 157	(88)	154	(12)	0	(0)	1 311
Belgium	936	(78)	129	(11)	138	(11)	1 203
Denmark	486	(92)	43	(8)	0	(0)	529
Finland	–	–	–	–	–	–	–
France	5 981	(90)	670	(10)	0	(0)	6 651
Germany	–	–	–	–	–	–	–
Greece	1 133	(98)	19	(2)	0	(0)	1 152
Ireland	185	(44)	39	(9)	200	(47)	424
Italy	–	–	–	–	–	–	–
Luxembourg	40	(91)	4	(9)	0	(0)	44
Netherlands	1 007	(75)	168	(13)	166	(12)	1 341
Portugal	4 685	(89)	575	(11)	0	(0)	5 260
Spain *	3 730	(41)	220	(2)	5 161	(57)	9 111
Sweden	373	(84)	73	(16)	0	(0)	446
United Kingdom	4 198	(68)	448	(7)	1 530	(25)	6 176
Subtotal EU	23 911	(71)	2 542	(8)	7 195	(21)	33 648
Andorra	7	(88)	1	(13)	0	(0)	8
Iceland	12	(71)	5	(29)	0	(0)	17
Israel	617	(94)	39	(6)	0	(0)	656
Malta	10	(63)	6	(38)	0	(0)	16
Monaco	–	–	–	–	–	–	0
Norway	174	(71)	70	(29)	0	(0)	244
San Marino	–	–	–	–	–	–	0
Switzerland	567	(76)	81	(11)	101	(13)	749
Total West	25 298	(72)	2 744	(8)	7 296	(21)	35 338
Centre							
Albania	671	(97)	23	(3)	0	(0)	694
Bosnia-Herzegovina	2 745	(89)	312	(10)	14	(0)	3 071
Bulgaria	–	–	–	–	–	–	–
Croatia	1 189	(56)	183	(9)	746	(35)	2 118
Czech Republic	1 588	(88)	66	(4)	151	(8)	1 805
Hungary	3 375	(84)	624	(16)	0	(0)	3 999
Macedonia, FYR	568	(92)	52	(8)	0	(0)	620
Poland	11 826	(89)	1 476	(11)	0	(0)	13 302
Romania	23 015	(89)	2 743	(11)	0	(0)	25 758
Slovakia	1 046	(82)	236	(18)	0	(0)	1 282
Slovenia	404	(90)	45	(10)	0	(0)	449
Turkey	20 776	(81)	4 725	(19)	0	(0)	25 501
Yugoslavia †	2 799	(92)	207	(7)	22	(1)	3 028
Total Centre	70 002	(86)	10 485	(13)	933	(1)	81 627
East							
Armenia	1 420	(98)	35	(2)	0	(0)	1 455
Azerbaijan	4 277	(98)	73	(2)	0	(0)	4 350
Belarus	–	–	–	–	–	–	–
Estonia	688	(84)	130	(16)	0	(0)	818
Georgia	4 644	(74)	1 658	(26)	0	(0)	6 302
Kazakhstan	18 505	(90)	2 118	(10)	0	(0)	20 623
Kyrgyzstan	5 770	(97)	165	(3)	0	(0)	5 935
Latvia	1 820	(83)	362	(17)	0	(0)	2 182
Lithuania	2 690	(89)	326	(11)	0	(0)	3 016
Moldova, Republic of	2 545	(88)	346	(12)	0	(0)	2 891
Russian Federation	110 935	(91)	10 982	(9)	0	(0)	121 917
Tajikistan	2 447	(98)	56	(2)	0	(0)	2 503
Turkmenistan	3 712	(100)	–	–	–	–	3 712
Ukraine	27 763	(89)	3 555	(11)	0	(0)	31 318
Uzbekistan	13 403	(96)	555	(4)	0	(0)	13 958
Total East	200 619	(91)	20 361	(9)	0	(0)	220 980
Total WHO European Region	295 919	(88)	33 590	(10)	8 229	(2)	337 945

* Respiratory and meningeal cases only † Without Kosovo and Metohia

TABLES

Table 7: Tuberculosis cases by sex, WHO European Region, 1998

Geographic area Country	Sex						Total N	sex ratio *
	Male		Female		Unknown			
	N	(%)	N	(%)	N	(%)		
West								
Austria	802	(61)	509	(39)	0	(0)	1 311	1.6
Belgium	775	(64)	428	(36)	0	(0)	1 203	1.8
Denmark	291	(55)	238	(45)	0	(0)	529	1.2
Finland	331	(53)	298	(47)	0	(0)	629	1.1
France	3 962	(60)	2 658	(40)	31	(0)	6 651	1.5
Germany	6 632	(64)	3 808	(36)	0	(0)	10 440	1.7
Greece	741	(64)	411	(36)	0	(0)	1 152	1.8
Ireland	262	(62)	162	(38)	0	(0)	424	1.6
Italy	2 921	(61)	1 871	(39)	3	(0)	4 795	1.6
Luxembourg	31	(70)	13	(30)	0	(0)	44	2.4
Netherlands	786	(59)	555	(41)	0	(0)	1 341	1.4
Portugal	3 480	(66)	1 780	(34)	0	(0)	5 260	2.0
Spain †	4 520	(50)	2 093	(23)	2 498	(27)	9 111	2.2
Sweden	217	(49)	229	(51)	0	(0)	446	0.9
United Kingdom	3 432	(56)	2 742	(44)	2	(0)	6 176	1.3
Subtotal EU	29 183	(59)	17 795	(36)	2 534	(5)	49 512	1.6
Andorra	5	(63)	3	(38)	0	(0)	8	1.7
Iceland	4	(24)	13	(76)	0	(0)	17	0.3
Israel	391	(60)	265	(40)	0	(0)	656	1.5
Malta	12	(75)	4	(25)	0	(0)	16	3.0
Monaco	-	-	-	-	-	-	0	-
Norway	126	(52)	118	(48)	0	(0)	244	1.1
San Marino	-	-	-	-	-	-	0	-
Switzerland	467	(62)	282	(38)	0	(0)	749	1.7
Total West	30 188	(59)	18 480	(36)	2 534	(5)	51 202	1.6
Centre								
Albania	447	(64)	247	(36)	0	(0)	694	1.8
Bosnia-Herzegovina	1 771	(58)	1 300	(42)	0	(0)	3 071	1.4
Bulgaria	-	-	-	-	-	-	-	-
Croatia	1 382	(65)	736	(35)	0	(0)	2 118	1.9
Czech Republic	1 136	(63)	669	(37)	0	(0)	1 805	1.7
Hungary	2 724	(68)	1 275	(32)	0	(0)	3 999	2.1
Macedonia, FYR	372	(60)	248	(40)	0	(0)	620	1.5
Poland	8 919	(67)	4 383	(33)	0	(0)	13 302	2.0
Romania	18 315	(71)	7 442	(29)	1	(0)	25 758	2.5
Slovakia	807	(63)	475	(37)	0	(0)	1 282	1.7
Slovenia	265	(59)	184	(41)	0	(0)	449	1.4
Turkey	-	-	-	-	-	-	-	-
Yugoslavia ‡	1 896	(63)	1 111	(37)	21	(1)	3 028	1.7
Total centre	38 034	(68)	18 070	(32)	22	(0)	56 126	2.1
East								
Armenia	1 205	(83)	250	(17)	0	(0)	1 455	4.8
Azerbaijan	3 097	(71)	1 253	(29)	0	(0)	4 350	2.5
Belarus	-	-	-	-	-	-	-	-
Estonia	586	(72)	232	(28)	0	(0)	818	2.5
Georgia	4 295	(68)	2 007	(32)	0	(0)	6 302	2.1
Kazakhstan	11 664	(57)	8 959	(43)	0	(0)	20 623	1.3
Kyrgyzstan \$	-	-	-	-	-	-	-	-
Latvia	1 584	(73)	598	(27)	0	(0)	2 182	2.6
Lithuania	1 989	(66)	1 027	(34)	0	(0)	3 016	1.9
Moldova, Republic of	2 017	(70)	874	(30)	0	(0)	2 891	2.3
Russian Federation \$	-	-	-	-	-	-	-	-
Tajikistan \$	-	-	-	-	-	-	-	-
Turkmenistan \$	-	-	-	-	-	-	-	-
Ukraine \$	-	-	-	-	-	-	-	-
Uzbekistan	-	-	-	-	-	-	-	-
Total East	26 437	(63)	15 200	(37)	0	(0)	41 637	1.7
Total WHO European Region	94 659	(64)	51 750	(35)	2 556	(2)	148 965	1.8

* Sex ratio = number of male cases per 1 female case † Respiratory and meningeal cases only ‡ Without Kosovo and Metohia \$ Provided, on new cases only, not presented

TABLES

Table 8: Tuberculosis cases by age group, WHO European Region, 1998

Geographic area Country	Age group (years)									
	0 - 4		5 - 14		15 - 24		25 - 34		35 - 44	
	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)
West										
Austria	28	(2)	17	(1)	90	(7)	192	(15)	234	(18)
Belgium	40	(3)	38	(3)	92	(8)	208	(17)	200	(17)
Denmark	12	(2)	36	(7)	67	(13)	149	(28)	90	(17)
Finland	2	(0)	4	(1)	19	(3)	37	(6)	51	(8)
France	160	(2)	173	(3)	603	(9)	1 072	(16)	1 135	(17)
Germany	240	(2)	250	(2)	910	(9)	1 610	(15)	1 686	(16)
Greece	40	(3)	65	(6)	108	(9)	156	(14)	123	(11)
Ireland	9	(2)	16	(4)	50	(12)	65	(15)	46	(11)
Italy	65	(1)	82	(2)	359	(7)	812	(17)	666	(14)
Luxembourg	0	(0)	0	(0)	5	(11)	13	(30)	9	(20)
Netherlands	31	(2)	50	(4)	242	(18)	355	(26)	226	(17)
Portugal	65	(1)	158	(3)	657	(12)	1 178	(22)	1 096	(21)
Spain*	311	(3)	180	(2)	1 065	(12)	1 513	(17)	1 038	(11)
Sweden	4	(1)	16	(4)	66	(15)	83	(19)	52	(12)
United Kingdom	137	(2)	248	(4)	792	(13)	1 271	(21)	910	(15)
Subtotal EU	1 144	(2)	1 333	(3)	5 125	(10)	8 714	(18)	7 562	(15)
Andorra	0	(0)	0	(0)	0	(0)	1	(13)	3	(38)
Iceland	1	(6)	0	(0)	4	(24)	4	(24)	1	(6)
Israel	15	(2)	16	(2)	52	(8)	93	(14)	93	(14)
Malta	0	(0)	1	(6)	2	(13)	1	(6)	1	(6)
Monaco	-	-	-	-	-	-	-	-	-	-
Norway	5	(2)	9	(4)	25	(10)	46	(19)	35	(14)
San Marino	-	-	-	-	-	-	-	-	-	-
Switzerland	7	(1)	18	(2)	117	(16)	175	(23)	112	(15)
Total West	1 172	(2)	1 377	(3)	5 325	(10)	9 034	(18)	7 807	(15)
Centre										
Albania	2	(0)	25	(4)	88	(13)	124	(18)	113	(16)
Bosnia-Herzegovina	13	(0)	55	(2)	274	(9)	424	(14)	429	(14)
Bulgaria	-	-	-	-	-	-	-	-	-	-
Croatia	27	(1)	66	(3)	166	(8)	227	(11)	411	(19)
Czech Republic	10	(1)	24	(1)	61	(3)	140	(8)	248	(14)
Hungary	5	(0)	17	(0)	170	(4)	357	(9)	834	(21)
Macedonia, FYR	69	(11)	77	(12)	80	(13)	94	(15)	94	(15)
Poland	40	(0)	83	(1)	821	(6)	1 450	(11)	3 064	(23)
Romania	694	(3)	767	(3)	4 044	(16)	4 873	(19)	5 916	(23)
Slovakia	6	(0)	34	(3)	48	(4)	114	(9)	223	(17)
Slovenia	2	(0)	4	(1)	35	(8)	71	(16)	86	(19)
Turkey	-	-	-	-	-	-	-	-	-	-
Yugoslavia †	5	(0)	14	(0)	242	(8)	374	(12)	589	(19)
Total Centre	873	(2)	1 152	(2)	6 029	(11)	8 248	(15)	12 007	(21)
East										
Armenia	50	(3)	154	(11)	551	(38)	246	(17)	193	(13)
Azerbaijan	95	(2)	240	(6)	500	(11)	2 533	(58)	335	(8)
Belarus	-	-	-	-	-	-	-	-	-	-
Estonia	3	(0)	7	(1)	74	(9)	132	(16)	193	(24)
Georgia	190	(3)	814	(13)	1 044	(17)	1 173	(19)	1 181	(19)
Kazakhstan	436	(2)	1 418	(7)	4 198	(20)	5 164	(25)	3 815	(18)
Kyrgyzstan ‡	-	-	-	-	-	-	-	-	-	-
Latvia	37	(2)	89	(4)	269	(12)	423	(19)	447	(20)
Lithuania	14	(0)	156	(5)	283	(9)	452	(15)	599	(20)
Moldova, Republic of	35	(1)	63	(2)	562	(19)	494	(17)	763	(26)
Russian Federation ‡	-	-	-	-	-	-	-	-	-	-
Tajikistan ‡	-	-	-	-	-	-	-	-	-	-
Turkmenistan ‡	-	-	-	-	-	-	-	-	-	-
Ukraine ‡	-	-	-	-	-	-	-	-	-	-
Uzbekistan	-	-	-	-	-	-	-	-	-	-
Total East	860	(2)	2 941	(7)	7 481	(18)	10 617	(25)	7 526	(18)
Total WHO European Region	2 905	(2)	5 470	(4)	18 835	(13)	27 899	(19)	27 340	(18)

* Respiratory and meningial cases only † Without Kosovo and Metohia ‡ Provided on new cases only, not presented

TABLES

Table 8 (cont.): Tuberculosis cases by age group, WHO European Region, 1998

		Age group (years)						Total N	Geographic area Country
45 - 54		55 - 64		> 64		Unknown			
N	(%)	N	(%)	N	(%)	N	(%)		
West									
227	(17)	166	(13)	356	(27)	1	(0)	1 311	Austria
163	(14)	129	(11)	333	(28)	0	(0)	1 203	Belgium
67	(13)	51	(10)	57	(11)	0	(0)	529	Denmark
67	(11)	100	(16)	349	(55)	0	(0)	629	Finland
933	(14)	715	(11)	1 832	(28)	28	(0)	6 651	France
1 364	(13)	1 512	(14)	2 868	(27)	0	(0)	10 440	Germany
104	(9)	119	(10)	314	(27)	123	(11)	1 152	Greece
45	(11)	45	(11)	126	(30)	22	(5)	424	Ireland
568	(12)	642	(13)	1 571	(33)	30	(1)	4 795	Italy
5	(11)	4	(9)	8	(18)	0	(0)	44	Luxembourg
115	(9)	98	(7)	224	(17)	0	(0)	1 341	Netherlands
714	(14)	526	(10)	866	(16)	0	(0)	5 260	Portugal
631	(7)	540	(6)	1 333	(15)	2 500	(27)	9 111	Spain *
22	(5)	33	(7)	170	(38)	0	(0)	446	Sweden
726	(12)	632	(10)	1 455	(24)	5	(0)	6 176	United Kingdom
5 751	(12)	5 312	(11)	10 407	(21)	2 709	(5)	49 512	Subtotal EU
Centre									
1	(13)	1	(13)	2	(25)	0	(0)	8	Andorra
1	(6)	1	(6)	5	(29)	0	(0)	17	Iceland
86	(13)	74	(11)	227	(35)	0	(0)	656	Israel
2	(13)	2	(13)	7	(44)	0	(0)	16	Malta
-	-	-	-	-	-	-	-	0	Monaco
17	(7)	17	(7)	90	(37)	0	(0)	244	Norway
-	-	-	-	-	-	-	-	0	San Marino
71	(9)	49	(7)	200	(27)	0	(0)	749	Switzerland
5 929	(12)	5 456	(11)	10 938	(21)	2 709	(5)	51 202	Total West
Centre									
132	(19)	109	(16)	101	(15)	0	(0)	694	Albania
395	(13)	463	(15)	788	(26)	230	(7)	3 071	Bosnia-Herzegovina
-	-	-	-	-	-	-	-	-	Bulgaria
386	(18)	322	(15)	513	(24)	0	(0)	2 118	Croatia
354	(20)	274	(15)	694	(38)	1	(0)	1 805	Czech Republic
1 022	(26)	679	(17)	915	(23)	0	(0)	3 999	Hungary
65	(10)	66	(11)	75	(12)	0	(0)	620	Macedonia
2 914	(22)	1 862	(14)	3 068	(23)	0	(0)	13 302	Poland
4 676	(18)	2 856	(11)	1 905	(7)	27	(0)	25 758	Romania
227	(18)	168	(13)	460	(36)	2	(0)	1 282	Slovakia
70	(16)	46	(10)	135	(30)	0	(0)	449	Slovenia
-	-	-	-	-	-	-	-	-	Turkey
545	(18)	505	(17)	733	(24)	21	(1)	3 028	Yugoslavia †
10 654	(19)	7 350	(13)	9 387	(17)	281	(1)	56 126	Total Centre
East									
117	(8)	89	(6)	55	(4)	0	(0)	1 455	Armenia
406	(9)	137	(3)	104	(2)	0	(0)	4 350	Azerbaijan
-	-	-	-	-	-	-	-	-	Belarus
192	(23)	115	(14)	102	(12)	0	(0)	818	Estonia
690	(11)	662	(11)	548	(9)	0	(0)	6 302	Georgia
2 467	(12)	1 944	(9)	1 181	(6)	0	(0)	20 623	Kazakhstan
-	-	-	-	-	-	-	-	-	Kyrgyzstan ‡
388	(18)	305	(14)	224	(10)	0	(0)	2 182	Latvia
560	(19)	427	(14)	525	(17)	0	(0)	3 016	Lithuania
459	(16)	337	(12)	178	(6)	0	(0)	2 891	Moldova, Republic of
-	-	-	-	-	-	-	-	-	Russian Federation ‡
-	-	-	-	-	-	-	-	-	Tajikistan ‡
-	-	-	-	-	-	-	-	-	Turkmenistan ‡
-	-	-	-	-	-	-	-	-	Ukraine ‡
-	-	-	-	-	-	-	-	-	Uzbekistan
5 279	(13)	4 016	(10)	2 917	(7)	0	(0)	41 637	Total East
21 862	(15)	16 822	(11)	23 242	(16)	2 990	(2)	148 965	Total WHO European Region

* Respiratory and meningial cases only † Without Kosovo and Metohia ‡ Provided on new cases only, not presented

TABLES

Table 9: Tuberculosis cases by geographic origin, WHO European Region, 1998

Geographic area Country	Information provided	Geographic origin						Total N
		Born in the country / national		Foreign-born / foreign citizen		Unknown		
		N	(%)	N	(%)	N	(%)	
West								
Austria	citizenship	1 023	(78)	288	(22)	0	(0)	1 311
Belgium	citizenship	776	(65)	427	(35)	0	(0)	1 203
Denmark	birthplace	184	(35)	344	(65)	1	(0)	529
Finland	birthplace	568	(90)	49	(8)	12	(2)	629
France	citizenship	4 126	(62)	1 595	(24)	930	(14)	6 651
Germany	citizenship	7 149	(68)	3 291	(32)	0	(0)	10 440
Greece	citizenship	1 026	(89)	126	(11)	0	(0)	1 152
Ireland	birthplace	389	(92)	35	(8)	0	(0)	424
Italy	citizenship	3 879	(81)	797	(17)	119	(2)	4 795
Luxembourg	birthplace	19	(43)	25	(57)	0	(0)	44
Netherlands	citizenship	536	(40)	805	(60)	0	(0)	1 341
Portugal	-	-	-	-	-	-	-	-
Spain *	birthplace	3 624	(40)	94	(1)	5 393	(59)	9 111
Sweden	birthplace	177	(40)	269	(60)	0	(0)	446
United Kingdom	birthplace	2 355	(38)	2 970	(48)	851	(14)	6 176
Subtotal EU		25 831	(58)	11 115	(25)	7 306	(17)	44 252
Andorra	birthplace	2	(25)	6	(75)	0	(0)	8
Iceland	birthplace	9	(53)	8	(47)	0	(0)	17
Israel	birthplace	96	(15)	560	(85)	0	(0)	656
Malta	birthplace	12	(75)	4	(25)	0	(0)	16
Monaco	-	-	-	-	-	-	-	0
Norway	birthplace	115	(47)	129	(53)	0	(0)	244
San Marino	-	-	-	-	-	-	-	0
Switzerland	birthplace	211	(28)	411	(55)	127	(17)	749
Total West		26 276	(57)	12 233	(27)	7 433	(16)	45 942
Centre								
Albania	-	-	-	-	-	-	-	-
Bosnia-Herzegovina †	-	-	-	-	-	-	-	-
Bulgaria	-	-	-	-	-	-	-	-
Croatia	birthplace	1 042	(49)	188	(9)	888	(42)	2 118
Czech Republic	birthplace	1 695	(94)	110	(6)	0	(0)	1 805
Hungary	citizenship	3 989	(100)	10	(0)	0	(0)	3 999
Macedonia, FYR	-	-	-	-	-	-	-	-
Poland ‡	-	-	-	-	-	-	-	-
Romania	citizenship	25 758	(100)	0	(0)	0	(0)	25 758
Slovakia	birthplace	1 281	(100)	1	(0)	0	(0)	1 282
Slovenia	birthplace	368	(82)	81	(18)	0	(0)	449
Turkey ‡	-	-	-	-	-	-	-	-
Yugoslavia §	-	-	-	-	-	-	-	-
Total Centre		34 133	(96)	390	(1)	888	(3)	35 411
East								
Armenia	birthplace	1 304	(90)	151	(10)	0	(0)	1 455
Azerbaijan ‡	-	-	-	-	-	-	-	-
Belarus ‡	-	-	-	-	-	-	-	-
Estonia	birthplace	704	(86)	114	(14)	0	(0)	818
Georgia	citizenship	6 302	(100)	0	(0)	0	(0)	6 302
Kazakhstan	-	-	-	-	-	-	-	-
Kyrgyzstan ‡	-	-	-	-	-	-	-	-
Latvia	birthplace	2 087	(96)	61	(3)	34	(2)	2 182
Lithuania	birthplace	2 784	(92)	231	(8)	1	(0)	3 016
Moldova, Republic of	birthplace	2 823	(98)	68	(2)	0	(0)	2 891
Russian Federation	-	-	-	-	-	-	-	-
Tajikistan	-	-	-	-	-	-	-	-
Turkmenistan ‡	-	-	-	-	-	-	-	-
Ukraine	-	-	-	-	-	-	-	-
Uzbekistan ‡	-	-	-	-	-	-	-	-
Total East		16 004	(96)	625	(4)	35	(0)	16 664
Total WHO European Region		76 413	(78)	13 248	(14)	8 356	(9)	98 017

* Respiratory and meningeal cases only † Foreigners not included in the notification in Republic Srpska

‡ Foreigners not included in TB notifications (Table 1) § Without Kosovo and Metohia

TABLES

Table 10: Foreign tuberculosis patients by continent of origin, WHO European Region, 1998 (countries providing individual data)

Geographic area Country	Information provided	Continent of origin										Total N
		Europe *		Asia*		Africa		America or Oceania		Unknown		
		N	%	N	%	N	%	N	%	N	%	
West EU												
Austria	citizenship	233	(81)	39	(14)	15	(5)	1	(0)	0	(0)	288
Belgium	citizenship	140	(33)	52	(12)	223	(52)	10	(2)	2	(0)	427
Denmark	birthplace	41	(12)	108	(31)	182	(53)	13	(4)	0	(0)	344
Finland	birthplace	9	(18)	8	(16)	30	(61)	2	(4)	0	(0)	49
Ireland	birthplace	8	(23)	14	(40)	11	(31)	2	(6)	0	(0)	35
Italy	citizenship	134	(17)	140	(18)	375	(47)	114	(14)	34	(4)	797
Luxembourg	birthplace	24	(96)	0	(0)	1	(4)	0	(0)	0	(0)	25
Netherlands	citizenship	117	(15)	191	(24)	421	(52)	39	(5)	37	(5)	805
Sweden	birthplace	69	(26)	59	(22)	126	(47)	13	(5)	2	(1)	269
United Kingdom †	birthplace	212	(7)	1 634	(55)	759	(26)	68	(2)	297	(10)	2 970
West other												
Iceland	birthplace	1	(13)	6	(75)	1	(13)	0	(0)	0	(0)	8
Malta	birthplace	4	(100)	0	(0)	0	(0)	0	(0)	0	(0)	4
Norway	birthplace	15	(12)	57	(44)	55	(43)	2	(2)	0	(0)	129
Switzerland	birthplace	207	(50)	75	(18)	103	(25)	21	(5)	5	(1)	411
Centre												
Croatia ‡	birthplace	187	(99)	0	(0)	0	(0)	1	(1)	0	(0)	188
Czech Republic	birthplace	70	(64)	33	(30)	4	(4)	3	(3)	0	(0)	110
Slovakia	birthplace	0	(0)	1	(100)	0	(0)	0	(0)	0	(0)	1
Slovenia	birthplace	81	(100)	0	(0)	0	(0)	0	(0)	0	(0)	81
East												
Estonia	birthplace	114	(100)	0	(0)	0	(0)	0	(0)	0	(0)	114
Total		1 666	(24)	2 417	(34)	2 306	(33)	289	(4)	377	(5)	7 055

* Armenia, Azerbaijan, Georgia, Israel, Kazakhstan, Kyrgyzstan, Tajikistan, Turkey, Turkmenistan and Uzbekistan are included in Europe, which corresponds to WHO European Region

† Except Scotland ‡ Information on geographic origin missing for 888 cases (42%)

TABLES

Table 11: Tuberculosis cases by culture result, WHO European Region, 1998

Geographic area	Definite TB case *	Access to culture	No. labs performing culture (1997)	Culture result								
				Positive		Negative		Unknown/not performed		Negative/unknown/not performed		Total
				N	(%)	N	(%)	N	(%)	N	(%)	
West												
Austria	C&S	Wide	12	733	(56)	190	(14)	388	(30)			1 311
Belgium	C&S	Wide	251	813	(68)	232	(19)	158	(13)			1 203
Denmark	C	Wide	1	445	(84)	80	(15)	4	(1)			529
Finland	C	Wide	18	490	(78)	-	-	-	-	139	(22)	629
France	C †	Wide	362	1 625	(24)	604	(9)	4 422	(66)			6 651
Germany ‡	C&S	Wide	300	4 168	(66) ‡	-	-	-	-	2 136	(34) ‡	6 304 ‡
Greece	C&S	Partial	59	420	(36)	-	-	-	-	732	(64)	1 152
Ireland	C&S	Wide	15	243	(57)	124	(29)	57	(13)			424
Italy	C&S §	Wide	100	2 261	(47)	846	(18)	1 688	(35)			4 795
Luxembourg	C&S	Wide	2	44	(100)	0	(0)	0	(0)			44
Netherlands	C †	Wide	43	692	(52)	-	-	-	-	649	(48)	1 341
Portugal	C †	Wide	14	3 430	(65)	-	-	-	-	1 830	(35)	5 260
Spain	C&S	Wide	160	2 562	(28)	438	(5)	6 111	(67)			9 111
Sweden	C	Wide	5	368	(83)	53	(12)	25	(6)			446
United Kingdom	C	Wide	300	3 703	(60)	436	(7)	2 037	(33)			6 176
Subtotal EU				21 997	(56)	3 003	(8)	14 890	(38)	5 486	(14)	39 200
Andorra	C	Wide	1	8	(100)	0	(0)	0	(0)			8
Iceland	C	Wide	1	11	(65)	3	(18)	3	(18)			17
Israel	C	Wide	12	377	(57)	39	(6)	240	(37)			656
Malta	C †	Wide	3	4	(25)	8	(50)	4	(25)			16
Monaco	-	Wide	1	-	-	-	-	-	-	-	0	-
Norway	C	Wide	16	176	(72)	41	(17)	27	(11)			244
San Marino	C	Wide	1	-	-	-	-	-	-	-	-	0
Switzerland	C	Wide	31	604	(81)	89	(12)	56	(7)			749
Total West				23 177	(57)	3 183	(8)	15 220	(37)	5 486	(13)	40 890
Centre												
Albania	C †	Partial	2	240	(35)	-	-	-	-	454	(65)	694
Bosnia-Herzegovina	C&S	Partial	10	1 209	(39)	969	(32)	893	(29)			3 071
Bulgaria	C	Wide	16	1 308	(32)	-	-	-	-	2 809	(68)	4 117
Croatia ‡	C	Wide	17	958	(70) ‡	418	(30) ‡	1	(0) ‡			1 377
Czech Republic	C	Wide	43	951	(53)	689	(38)	165	(9)			1 805
Hungary	C	Wide	23	1 483	(37)	-	-	-	-	2 516	(63)	3 999
Macedonia, FYR	C&S	Wide	4	194	(31)	-	-	-	-	426	(69)	620
Poland	C&S	Wide	168	7 501	(56)	5 801	(44)	0	(0)			13 302
Romania	C&S	Partial	80	13 158	(51)	5 420	(21)	7 180	(28)			25 758
Slovakia	C †	Wide	17	737	(57)	545	(43)	0	(0)			1 282
Slovenia	C	Wide	8	346	(77)	85	(19)	18	(4)			449
Turkey	C&S	Wide	-	-	-	-	-	-	-	-	-	-
Yugoslavia °	C †	Partial	41	1 873	(62)	956	(32)	199	(7)			3 028
Total Centre				29 958	(50)	14 883	(25)	8 456	(14)	6 205	(10)	59 502
East												
Armenia	C&S	no	0	-	-	-	-	-	-	-	-	-
Azerbaijan	C&S	Partial	-	314	(7)	57	(1)	3 979	(91)			4 350
Belarus	C&S	Wide	31	-	-	-	-	-	-	-	-	-
Estonia	C&S	Wide	3	536	(66)	242	(30)	40	(5)			818
Georgia	C&S §	Partial §	3	-	-	-	-	-	-	-	-	-
Kazakhstan	C&S	Partial	16	-	-	-	-	-	-	-	-	-
Kyrgyzstan **	C&S	Wide	1	-	-	-	-	-	-	-	-	-
Latvia	C&S	Wide	21	1 255	(58)	927	(42)	0	(0)			2 182
Lithuania	C †	Wide	8	1 469	(49)	1 186	(39)	361	(12)			3 016
Moldova, Republic of	C&S	Partial	8	557	(19)	354	(12)	1 980	(68)			2 891
Russian Federation	C&S	Wide	600	-	-	-	-	-	-	-	-	-
Tajikistan	C&S	Partial	5	-	-	-	-	-	-	-	-	-
Turkmenistan **	-	Partial §	-	-	-	-	-	-	-	-	-	-
Ukraine **	C&S §	Wide §	28	-	-	-	-	-	-	-	-	-
Uzbekistan	C&S	Partial	14	-	-	-	-	-	-	-	-	-
Total East				4 131	(31)	2 766	(21)	6 360	(48)	0	(0)	13 257
Total WHO European Region				57 266	(50)	20 832	(18)	30 036	(26)	11 691	(10)	113 649

* Culture positive only; C & S = culture or sputum smear positive § information provided for 1997 or 1996

† Based on positive culture or positive smear until 1997 || Respiratory and meningeal cases only

‡ Results from a subset of TB cases included in a specific study (1 377 cases for Croatia and 6304 cases for Germany)

** provided, not shown because on new cases only ° Without Kosovo and Metohia and on pulmonary cases only

TABLES

Table 12: Tuberculosis cases by site of disease, WHO European Region, 1998

Geographic area Country	Classification provided *	Site of disease						Total N
		Pulmonary/ Respiratory		Extra-pulmonary/ Extra-respiratory		Unknown		
		N	(%)	N	(%)	N	(%)	
West								
Austria	pulm	1 077	(82)	234	(18)	0	(0)	1 311
Belgium	pulm	952	(79)	249	(21)	2	(0)	1 203
Denmark	pulm	351	(66)	175	(33)	3	(1)	529
Finland	pulm	396	(63)	233	(37)	0	(0)	629
France	pulm	4 925	(74)	1 646	(25)	80	(1)	6 651
Germany	resp	8 796	(84)	1 644	(16)	0	(0)	10 440
Greece	pulm	873	(76)	210	(18)	69	(6)	1 152
Ireland	pulm	314	(74)	102	(24)	8	(2)	424
Italy	pulm	3 680	(77)	1 115	(23)	0	(0)	4 795
Luxemburg	pulm	38	(86)	5	(11)	1	(2)	44
Netherlands	pulm	852	(64)	489	(36)	0	(0)	1 341
Portugal	pulm	3 772	(72)	1 488	(28)	0	(0)	5 260
Spain	resp	9 026	(99)	85	(1) †	0	(0)	9 111
Sweden	pulm	283	(63)	163	(37)	0	(0)	446
United Kingdom	pulm ‡	3 892	(63)	2 250	(36)	34	(1)	6 176
Subtotal EU		39 227	(79)	10 088	(20)	197	(0)	49 512
Andorra	pulm	7	(88)	1	(13)	0	(0)	8
Iceland	pulm	12	(71)	5	(29)	0	(0)	17
Israel	pulm	497	(76)	159	(24)	0	(0)	656
Malta	pulm	13	(81)	3	(19)	0	(0)	16
Monaco	–	–	–	–	–	–	–	0
Norway	pulm	158	(65)	86	(35)	0	(0)	244
San Marino	–	–	–	–	–	–	–	0
Switzerland	pulm	581	(78)	167	(22)	1	(0)	749
Total West		40 495	(79)	10 509	(21)	198	(0)	51 202
Centre								
Albania	pulm	386	(56)	308	(44)	0	(0)	694
Bosnia-Herzegovina	pulm	2 773	(90)	297	(10)	1	(0)	3 071
Bulgaria	pulm	3 533	(86)	584	(14)	0	(0)	4 117
Croatia	pulm	1 921	(91)	197	(9)	0	(0)	2 118
Czech Republic	resp	1 504	(83)	301	(17)	0	(0)	1 805
Hungary	pulm	3 740	(94)	259	(6)	0	(0)	3 999
Macedonia, FYR	resp	555	(90)	65	(10)	0	(0)	620
Poland	resp	12 799	(96)	503	(4)	0	(0)	13 302
Romania	pulm	21 658	(84)	4 090	(16)	10	(0)	25 758
Slovakia	pulm	1 072	(84)	210	(16)	0	(0)	1 282
Slovenia	pulm	363	(81)	86	(19)	0	(0)	449
Turkey §	resp	–	–	–	–	–	–	–
Yugoslavia	resp	2 829	(93)	199	(7)	0	(0)	3 028
Total Centre		53 133	(88)	7 099	(12)	11	(0)	60 243
East								
Armenia	pulm	1 355	(93)	100	(7)	0	(0)	1 455
Azerbaijan	resp	4 131	(95)	219	(5)	0	(0)	4 350
Belarus	–	–	–	–	–	–	–	–
Estonia	pulm	745	(91)	73	(9)	0	(0)	818
Georgia	pulm	4 586	(73)	1 716	(27)	0	(0)	6 302
Kazakhstan	resp	19 420	(94)	1 203	(6)	0	(0)	20 623
Kyrgyzstan §	resp	–	–	–	–	–	–	–
Latvia	resp	2 080	(95)	102	(5)	0	(0)	2 182
Lithuania	pulm	2 712	(90)	304	(10)	0	(0)	3 016
Moldova, Republic of	resp	2 723	(94)	168	(6)	0	(0)	2 891
Russian Federation §	resp	–	–	–	–	–	–	–
Tajikistan §	resp	–	–	–	–	–	–	–
Turkmenistan §	resp	–	–	–	–	–	–	–
Ukraine §	resp	–	–	–	–	–	–	–
Uzbekistan	resp	12 318	(88)	1 640	(12)	0	(0)	13 958
Total East		50 070	(90)	5 525	(10)	0	(0)	55 595
Total WHO European Region		143 698	(86)	23 133	(14)	209	(0)	167 040

* pulm = pulmonary; resp = respiratory † Meningeal cases only § provided, not shown because on new cases only || Without Kosovo and Metohia ‡ England & Wales, Northern Ireland: pulmonary classification; Scotland: respiratory classification

TABLES

Table 13: Pulmonary or respiratory tuberculosis cases by sputum smear result, WHO European Region, 1998

Geographic area Country	Classification provided	Sputum smear result				Total N
		Positive		Negative or unknown		
		N	(%)	N	(%)	
West						
Austria	pulm	387	(36)	690	(64)	1 077
Belgium	pulm	249	(26)	703	(74)	952
Denmark	pulm	163	(46)	188	(54)	351
Finland	pulm	201	(51)	195	(49)	396
France	pulm	2 697	(55)	2 228	(45)	4 925
Germany	resp	3 124	(36)	5 672	(64)	8 796
Greece	pulm	287	(33)	586	(67)	873
Ireland	pulm	121	(39)	193	(61)	314
Italy	pulm	2 040	(55)	1 640	(45)	3 680
Luxembourg	pulm	27	(71)	11	(29)	38
Netherlands	pulm	293	(34)	559	(66)	852
Portugal	pulm	2 265	(60)	1 507	(40)	3 772
Spain	resp	2 441	(27)	6 585	(73)	9 026
Sweden	pulm	110	(39)	173	(61)	283
United Kingdom	pulm *	1 525	(39)	2 367	(61)	3 892
Subtotal EU		15 930	(41)	23 297	(59)	39 227
Andorra	pulm	2	(29)	5	(71)	7
Iceland	pulm	3	(25)	9	(75)	12
Israel	pulm	242	(49)	255	(51)	497
Malta	pulm	6	(46)	7	(54)	13
Monaco	–	–	–	–	–	0
Norway	pulm	43	(27)	115	(73)	158
San Marino	–	–	–	–	–	0
Switzerland	pulm	196	(34)	385	(66)	581
Total West		16 422	(41)	24 073	(59)	40 495
Centre						
Albania	pulm	235	(61)	151	(39)	386
Bosnia-Herzegovina	pulm	773	(28)	2 000	(72)	2 773
Bulgaria	pulm	1 325	(38)	2 208	(62)	3 533
Croatia †	pulm	546	(44)	694	(56)	1 240
Czech Republic	resp	511	(34)	993	(66)	1 504
Hungary	pulm	774	(21)	2 966	(79)	3 740
Macedonia, FYR	resp	206	(37)	349	(63)	555
Poland	resp	7 337	(57)	5 462	(43)	12 799
Romania	pulm	12 792	(59)	8 866	(41)	21 658
Slovakia	pulm	396	(37)	676	(63)	1 072
Slovenia	pulm	178	(49)	185	(51)	363
Turkey ‡	resp	–	–	–	–	–
Yugoslavia §	resp	1 873	(66)	956	(34)	2 829
Total Centre		26 946	(51)	25 506	(49)	52 452
East						
Armenia	resp	616	(45)	739	(55)	1 355
Azerbaijan	resp	739	(18)	3 392	(82)	4 131
Belarus	–	–	–	–	–	–
Estonia	pulm	359	(48)	386	(52)	745
Georgia	pulm	915	(20)	3 671	(80)	4 586
Kazakhstan	resp	6 979	(36)	12 441	(64)	19 420
Kyrgyzstan †	resp	–	–	–	–	–
Latvia	resp	818	(39)	1 262	(61)	2 080
Lithuania	pulm	787	(29)	1 925	(71)	2 712
Moldova, Republic of	resp	557	(20)	2 166	(80)	2 723
Russian Federation	resp	–	–	–	–	–
Tajikistan	resp	–	–	–	–	–
Turkmenistan ‡	resp	–	–	–	–	–
Ukraine ‡	resp	–	–	–	–	–
Uzbekistan	resp	3 538	(29)	3 880	(31)	12 318
Total East		15 308	(31)	29 862	(60)	50 070
Total WHO European Region		58 676	(41)	79 441	(56)	143 017

* England & Wales, Northern Ireland: pulmonary classification; Scotland: respiratory classification § Without Kosovo and Metohia

† Results from a subset of 1240 pulmonary TB cases included in a specific study ‡ Provided, not shown because on new cases only

TABLES

Table 14: Tuberculosis cases by site of disease, culture and sputum smear result, WHO European Region, 1998 (countries with individual data)

Geographic area Country	Pulmonary														Total N				
	Culture positive				Culture negative				Culture not done / unknown				Extra pulmonary			Unknown site			
	Smear (+)		Smear (-) or unknown		Smear (+)		Smear (-) or unknown		Smear (+)		Smear (-) or unknown		Culture (+)	Culture (-) or unknown					
	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)		N	(%)		
West EU																			
Austria	319	(24)	314	(24)	10	(1)	148	(11)	58	(4)	228	(17)	100	(8)	134	(10)	0	(0)	1 311
Belgium	228	(19)	459	(38)	0	(0)	180	(15)	21	(2)	64	(5)	126	(10)	123	(10)	2	(0)	1 203
Denmark	158	(30)	139	(26)	5	(1)	47	(9)	0	(0)	2	(0)	147	(28)	28	(5)	3	(1)	529
Finland	165	(26)	175	(28)	0	(0)	0	(0)	36	(6)	20	(3)	150	(24)	83	(13)	0	(0)	629
Ireland	119	(28)	74	(17)	0	(0)	80	(19)	2	(0)	39	(9)	50	(12)	52	(12)	8	(2)	424
Italy	1 264	(26)	612	(13)	182	(4)	445	(9)	594	(12)	583	(12)	385	(8)	730	(15)	0	(0)	4 795
Luxembourg	27	(61)	11	(25)	0	(0)	0	(0)	0	(0)	0	(0)	5	(11)	0	(0)	1	(2)	44
Netherlands	186	(14)	290	(22)	0	(0)	0	(0)	107	(8)	269	(20)	216	(16)	273	(20)	0	(0)	1 341
Sweden	110	(25)	124	(28)	0	(0)	32	(7)	0	(0)	17	(4)	134	(30)	29	(7)	0	(0)	446
United Kingdom *	1 298	(23)	1 047	(18)	23	(0)	209	(4)	204	(4)	750	(13)	1 076	(19)	1 078	(19)	34	(1)	5 719
West other																			
Iceland	3	(18)	5	(29)	0	(0)	3	(18)	0	(0)	1	(6)	3	(18)	2	(12)	0	(0)	17
Malta	3	(19)	1	(6)	3	(19)	5	(31)	0	(0)	1	(6)	0	(0)	3	(19)	0	(0)	16
Norway	38	(16)	77	(32)	2	(1)	22	(9)	3	(1)	16	(7)	61	(25)	25	(10)	0	(0)	244
Switzerland	185	(25)	279	(37)	9	(1)	68	(9)	2	(0)	38	(5)	140	(19)	27	(4)	1	(0)	749
Centre																			
Croatia †	546	(40)	349	(25)	0	(0)	344	(25)	0	(0)	1	(0)	63	(5)	74	(5)	0	(0)	1 377 †
Czech Republic ‡	511	(28)	440	(24)	0	(0)	419	(23)	0	(0)	134	(7)	0	(0)	301	(17)	0	(0)	1 805
Romania	8 912	(35)	3 960	(15)	494	(2)	3 543	(14)	3 386	(13)	1 363	(5)	284	(1)	3 806	(15)	10	(0)	25 758
Slovakia	369	(29)	311	(24)	27	(2)	365	(28)	0	(0)	0	(0)	57	(4)	153	(12)	0	(0)	1 282
Slovenia	178	(40)	129	(29)	0	(0)	48	(11)	0	(0)	8	(2)	39	(9)	47	(10)	0	(0)	449
East																			
Estonia	337	(41)	172	(21)	22	(3)	205	(25)	0	(0)	9	(1)	27	(3)	46	(6)	0	(0)	818
Total	14 956	(31)	8 968	(18)	777	(2)	6 163	(13)	4 413	(9)	3 543	(7)	3 063	(6)	7 014	(14)	59	(0)	48 956

* Without Scotland † Data collected on a subset (1377 cases) of the TB cases notified in 1998 ‡ Respiratory classification

TABLES

**Table 15: Type of drug resistance surveillance and representativeness,
WHO European Region, 1998**

Data provided Country	No. Labs performing DST *	Source of data	Geographic coverage	include only cases notified in 1998	Total cases	culture positive cases †		cases with DST results	
	N				N	N	%	N	%
Only on TB cases notified; DST results for >35% of cases									
Andorra	1	all labs	national	yes	8	8	(100)	8	(100)
Austria	8	all labs	national	yes	1 311	733	(56)	733	(56)
Czech Republic ‡	14	all labs	national	yes	1 504	951	(63)	592	(39)
Denmark	1	all labs	national	yes	529	444	(84)	444	(84)
Estonia	2	all labs	national	yes	818	536	(66)	526	(64)
Finland	1	all labs	national	yes	629	490	(78)	353	(56)
Germany	80	survey §	national	yes	6 304	4 168	(66)	3 271	(52)
Iceland	1	all labs	national	yes	17	11	(65)	11	(65)
Ireland	8	all labs	national	yes	424	243	(57)	241	(57)
Israel ‡	2	all labs	national	yes	497	307	(62)	307	(62)
Latvia	1	all labs	national	yes	2 182	1 255	(58)	1 013	(46)
Lithuania	8	all labs	national	yes	3 016	1 469	(49)	1 469	(49)
Luxembourg	1	all labs	national	yes	44	44	(100)	44	(100)
Netherlands	12	all labs	national	yes	1 341	692	(52)	692	(52)
Norway	3	all labs	national	yes	244	176	(72)	175	(72)
Slovakia	7	all labs	national	yes	1282	746	(58)	746	(58)
Slovenia	1	all labs	national	yes	449	346	(77)	315	(70)
Sweden	5	all labs	national	yes	446	368	(83)	365	(82)
Switzerland	43	all labs	national	yes	749	604	(81)	528	(70)
United Kingdom	7	survey	national	yes	6 176	3 703	(60)	3 362	(54)
Yugoslavia (Belgrade) ‡	12	2 labs	Belgrade region	yes	541	398	(74)	398	(74)
Only on TB cases notified; DST results for <35% of cases									
Albania	1	all labs	national	yes	694	240	(35)	240	(35)
Hungary	13	all labs	national	yes	3 999	1 483	(37)	733	(18)
Macedonia, FYR	1	all labs	national	yes	620	194	(31)	194	(31)
Malta	1	all labs	national	yes	16	4	(25)	4	(25)
Romania	55 (1997)	some labs	13/47 regions	yes	7 183	3 793	(53)	1 733	(24)
Not related to TB notification									
France	158 (1997)	19 labs	11/22 regions	no	–	1127	–	1 115	–
Greece	3	all labs	national	no	–	–	–	613	–
Italy	60 (1997)	22 labs & 24 Centres	13/20 regions	no	–	–	–	810	–

* Drug susceptibility testing † Number of culture positive cases may differ from table 11 due to later data collection on DST ‡ Pulmonary cases only
§ survey on cases notified to 290/430 local public health services || Exhaustive survey of notified cases

TABLES

**Table 16: Drug resistance among TB cases notified in 1998,
WHO European Region (29 countries)**

Data provided Country	Cases with DST † results N	Cases resistant to at least *:									
		Isoniazid (INH)		Rifampicin (RMP)		INH & RMP (MDR cases)		Ethambutol (EMB)		Streptomycin (SM)	
		N	%	N	%	N	%	N	%	N	%
Only on TB cases notified; DST results for >35% of cases											
Andorra	8	1	(12.5)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)
Austria	733	24	(3.3)	5	(0.7)	5	(0.7)	3	(0.4)	–	–
Czech Republic ‡	592	41	(6.9)	15	(2.5)	13	(2.2)	13	(2.2)	12	(2.0)
Denmark	444	29	(6.5)	3	(0.7)	3	(0.7)	1	(0.2)	51	(11.5)
Estonia	526	156	(29.7)	102	(19.4)	97	(18.4)	63	(12.0)	184	(35.0)
Finland	353	9	(2.5)	3	(0.8)	2	(0.6)	0	(0.0)	5	(1.4)
Germany	3 271	204	(6.2)	57	(1.7)	45	(1.4)	–	–	–	–
Iceland	11	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	–	–
Ireland	241	3	(1.2)	0	(0.0)	0	(0.0)	0	(0.0)	3	(1.2)
Israel ‡	307	48	(15.6)	26	(8.5)	25	(8.1)	19	(6.2)	49	(16.0)
Latvia	1 013	287	(28.3)	129	(12.7)	124	(12.2)	196	(19.3)	228	(22.5)
Lithuania	1 469	192	(13.1)	99	(6.7)	87	(5.9)	35	(2.4)	169	(11.5)
Luxembourg	44	3	(6.8)	1	(2.3)	1	(2.3)	1	(2.3)	0	(0.0)
Netherlands	692	26	(3.8)	6	(0.9)	4	(0.6)	1	(0.1)	30	(4.3)
Norway	175	14	(8.0)	2	(1.1)	2	(1.1)	2	(1.1)	–	–
Slovakia	746	29	(3.9)	18	(2.4)	15	(2.0)	9	(1.2)	13	(1.7)
Slovenia	315	3	(1.0)	0	(0.0)	0	(0.0)	0	(0.0)	3	(1.0)
Sweden	365	21	(5.8)	4	(1.1)	4	(1.1)	2	(0.5)	11	(3.0)
Switzerland	528	32	(6.1)	5	(0.9)	3	(0.6)	8	(1.5)	–	–
United Kingdom	3 362	164	(4.9)	29	(0.9)	21	(0.6)	11	(0.3)	–	–
Yugoslavia (Belgrade) ‡	398	5	(1.3)	7	(1.8)	4	(1.0)	5	(1.3)	14	(3.5)
Only on TB cases notified; DST results for <35% of cases											
Albania	240	4	(1.7)	5	(2.1)	3	(1.3)	0	(0.0)	19	(7.9)
Hungary	733	103	(14.1)	48	(6.5)	37	(5.0)	32	(4.4)	78	(10.6)
Macedonia, FYR	194	16	(8.2)	5	(2.6)	3	(1.5)	5	(2.6)	19	(9.8)
Malta	4	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)
Romania	1 733	166	(9.6)	102	(5.9)	74	(4.3)	26	(1.5)	98	(5.7)
Not related to TB notification											
France	1 115	64	(5.7)	14	(1.3)	12	(1.1)	7	(0.6)	111	(10.0)
Greece	613	80	(13.1)	48	(7.8)	31	(5.1)	43	(7.0)	84	(13.7)
Italy	810	93	(11.5)	72	(8.9)	51	(6.3)	40	(4.9)	86	(10.6)

* Cases resistant to one drug only or also to other drugs shown in the Table, in any combination † Drug susceptibility testing ‡ Pulmonary cases only

TABLES

Table 17: Drug resistance among tuberculosis cases notified in 1998, by previous treatment status, WHO European Region (29 countries)

Country	Cases never treated										
	total with DST † results	resistant to at least * :									
		Isoniazid (INH)		Rifampicin (RMP)		INH & RMP (MDR)		Ethambutol (EMB)		Streptomycin (SM)DST † results	
N	N	%	N	%	N	%	N	%	N	%	
Data on TB cases notified;											
DST results for >35% of cases											
Andorra	7	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)
Austria	669	20	(3.0)	2	(0.3)	2	(0.3)	2	(0.3)	–	–
Czech Republic ‡	–	–	–	–	–	–	–	–	–	–	–
Denmark	412	25	(6.1)	2	(0.5)	2	(0.5)	0	(0.0)	48	(11.7)
Estonia	433	110	(25.4)	67	(15.5)	63	(14.5)	45	(10.4)	140	(32.3)
Finland	–	–	–	–	–	–	–	–	–	–	–
Germany	1 583	77	(4.9)	23	(1.5)	13	(0.8)	–	–	–	–
Iceland	10	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	–	–
Ireland	112	1	(0.9)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)
Israel ‡	–	–	–	–	–	–	–	–	–	–	–
Latvia	789	222	(28.1)	72	(9.1)	71	(9.0)	36	(4.6)	173	(21.9)
Lithuania	1 181	144	(12.2)	63	(5.3)	56	(4.7)	26	(2.2)	120	(10.2)
Luxembourg	40	3	(7.5)	1	(2.5)	1	(2.5)	1	(2.5)	0	(0.0)
Netherlands	570	19	(3.3)	2	(0.4)	1	(0.2)	1	(0.2)	25	(4.4)
Norway	158	11	(7.0)	1	(0.6)	1	(0.6)	–	–	–	–
Slovakia	589	12	(2.0)	2	(0.3)	2	(0.3)	1	(0.2)	6	(1.0)
Slovenia	287	2	(0.7)	0	(0.0)	0	(0.0)	0	(0.0)	3	(1.0)
Sweden	335	16	(4.8)	2	(0.6)	2	(0.6)	2	(0.6)	1	(0.3)
Switzerland	405	22	(5.4)	3	(0.7)	2	(0.5)	6	(1.5)	–	–
United Kingdom	2 515	110	(4.4)	13	(0.5)	8	(0.3)	5	(0.2)	–	–
Yugoslavia (Belgrade) ‡	359	3	(0.8)	4	(1.1)	2	(0.6)	5	(1.4)	14	(3.9)
Data on TB cases notified;											
DST results for <35% of cases											
Albania	–	–	–	–	–	–	–	–	–	–	–
Hungary	599	71	(11.9)	30	(5.0)	24	(4.0)	0	(0.0)	0	(0.0)
Macedonia, FYR	–	–	–	–	–	–	–	–	–	–	–
Malta	3	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)
Romania	1 572	105	(6.7)	46	(2.9)	32	(2.0)	16	(1.0)	54	(3.4)
Data not related to TB notification											
France	850	42	(4.9)	6	(0.7)	6	(0.7)	3	(0.4)	74	(8.7)
Greece	–	–	–	–	–	–	–	–	–	–	–
Italy	683	38	(5.6)	15	(2.2)	8	(1.2)	6	(0.9)	48	(7.0)

* Cases resistant to one drug only or also to other drugs shown in the Table, in any combination † Drug susceptibility testing ‡ Pulmonary cases only

TABLES

Table 17 (cont.): Drug resistance among tuberculosis cases notified in 1998, by previous treatment status, WHO European Region (29 countries)

Cases previously treated											
resistant to at least * :											
total with DST † results	Isoniazid (INH)		Rifampicin (RMP)		INH & RMP (MDR)		Ethambutol (EMB)		Streptomycin (SM)		Country
	N	N	%	N	%	N	%	N	%	N	
Data on TB cases notified; DST results for >35% of cases											
1	1	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	Andorra
64	4	(6.3)	3	(4.7)	3	(4.7)	1	(1.6)	–	–	Austria
–	–	–	–	–	–	–	–	–	–	–	Czech Republic ‡
32	4	(12.5)	1	(3.1)	1	(3.1)	1	(3.1)	3	(9.4)	Denmark
93	46	(49.5)	35	(37.6)	34	(36.6)	18	(19.4)	44	(47.3)	Estonia
–	–	–	–	–	–	–	–	–	–	–	Finland
282	50	(17.7)	20	(7.1)	19	(6.7)	–	–	–	–	Germany
1	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	–	–	Iceland
19	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	Ireland
–	–	–	–	–	–	–	–	–	–	–	Israel ‡
224	65	(29.0)	57	(25.4)	53	(23.7)	23	(10.3)	55	(24.6)	Latvia
288	48	(16.7)	36	(12.5)	31	(10.8)	9	(3.1)	49	(17.0)	Lithuania
4	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	Luxembourg
50	4	(8.0)	4	(8.0)	3	(6.0)	0	(0.0)	3	(6.0)	Netherlands
17	3	(17.6)	1	(5.9)	1	(5.9)	–	–	–	–	Norway
157	17	(10.8)	16	(10.2)	13	(8.3)	8	(5.1)	7	(4.5)	Slovakia
28	1	(3.6)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	Slovenia
30	5	(16.7)	2	(6.7)	2	(6.7)	0	(0.0)	0	(0.0)	Sweden
53	8	(15.1)	1	(1.9)	1	(1.9)	6	(11.3)	–	–	Switzerland
238	23	(9.7)	10	(4.2)	9	(3.8)	5	(2.1)	–	–	United Kingdom
39	2	(5.1)	3	(7.7)	2	(5.1)	0	(0.0)	0	(0.0)	Yugoslavia (Belgrade) ‡
Data on TB cases notified; DST results for <35% of cases											
–	–	–	–	–	–	–	–	–	–	–	Albania
134	32	(23.9)	18	(13.4)	13	(9.7)	–	(0.0)	–	(0.0)	Hungary
–	–	–	–	–	–	–	–	–	–	–	Macedonia, FYR
1	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	Malta
336	61	(18.2)	56	(16.7)	42	(12.5)	10	(3.0)	44	(13.1)	Romania
Data not related to TB notification											
65	11	(16.9)	6	(9.2)	6	(9.2)	2	(3.1)	12	(18.5)	France
–	–	–	–	–	–	–	–	–	–	–	Greece
115	53	(46.1)	55	(47.8)	42	(36.5)	31	(27.0)	34	(29.6)	Italy

* Cases resistant to one drug only or to other drugs shown in the Table, in any combination † Drug susceptibility testing ‡ Pulmonary cases only

TABLES

Table 18: Drug resistance among tuberculosis cases notified in 1998, by geographic origin, WHO European Region (29 countries)

Cases in national citizens / individuals born in the country												
Country	Classification of origin ‡	total with DST † results	Resistant to at least*:									
			Isoniazid (INH)		Rifampicin (RMP)		INH & RMP (MDR)		Ethambutol (EMB)		Streptomycin (SM)	
		N	N	%	N	%	N	%	N	%	N	%
Data on TB cases notified; DST results for >35% of cases												
Andorra	birth	2	1	(50.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)
Austria	citiz.	557	16	(2.9)	2	(0.4)	2	(0.4)	1	(0.2)	–	–
Czech Republic §	birth	592	41	(6.9)	15	(2.5)	13	(2.2)	13	(2.2)	12	(2.0)
Denmark	birth	170	9	(5.3)	0	(0.0)	0	(0.0)	0	(0.0)	9	(5.3)
Estonia	birth	452	135	(29.9)	88	(19.5)	83	(18.4)	58	(12.8)	157	(34.7)
Finland	birth	314	3	(1.0)	1	(0.3)	0	(0.0)	0	(0.0)	2	(0.6)
Germany	citiz.	1 854	54	(2.9)	14	(0.8)	7	(0.4)	–	–	–	–
Iceland	birth	8	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	–	–
Ireland	birth	218	2	(0.9)	0	(0.0)	0	(0.0)	0	(0.0)	2	(0.9)
Israel §	birth	40	2	(5.0)	1	(2.5)	1	(2.5)	0	(0.0)	8	(20.0)
Latvia	–	–	–	–	–	–	–	–	–	–	–	–
Lithuania	birth	1 372	172	(12.5)	86	(6.3)	76	(5.5)	30	(2.2)	151	(11.0)
Luxembourg	birth	19	1	(5.3)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)
Netherlands	citiz.	275	11	(4.0)	4	(1.5)	4	(1.5)	0	(0.0)	13	(4.7)
Norway	birth	84	1	(1.2)	0	(0.0)	0	(0.0)	0	(0.0)	–	–
Slovakia	birth	746	29	(3.9)	18	(2.4)	15	(2.0)	9	(1.2)	13	(1.7)
Slovenia	birth	259	3	(1.2)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)
Sweden	birth	141	5	(3.5)	0	(0.0)	0	(0.0)	0	(0.0)	1	(0.7)
Switzerland	birth	145	6	(4.1)	0	(0.0)	0	(0.0)	2	(1.4)	–	–
United Kingdom	birth	1 186	37	(3.1)	4	(0.3)	2	(0.2)	1	(0.1)	–	–
Yugoslavia (Belgrade) §	–	–	–	–	–	–	–	–	–	–	–	–
Data on TB cases notified; DST results for <35% of cases												
Albania	–	–	–	–	–	–	–	–	–	–	–	–
Hungary	–	–	–	–	–	–	–	–	–	–	–	–
Macedonia, FYR	–	–	–	–	–	–	–	–	–	–	–	–
Malta	birth	3	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)
Romania	citiz.	1 908	166	(8.7)	102	(5.3)	74	(3.9)	26	(1.4)	98	(5.1)
Data not related to TB notification												
France	citiz.	631	20	(3.2)	2	(0.3)	1	(0.2)	0	(0.0)	42	(6.7)
Greece	citiz.	324	29	(9.0)	11	(3.4)	7	(2.2)	12	(3.7)	29	(9.0)
Italy	citiz.	588	65	(11.1)	60	(10.2)	33	(5.6)	33	(5.6)	57	(9.7)

* Cases resistant to one drug only or to other drugs shown in the Table, in any combination † Drug susceptibility testing

‡ birth = country of birth; citiz = citizenship § Pulmonary cases only

TABLES

Table 18 (cont.): Drug resistance among tuberculosis cases notified in 1998, by geographic origin, WHO European Region (29 countries)

Cases in foreign citizens / individuals born abroad												
Classification of origin ‡	total with DST † results	Resistant to at least*:										Country
		Isoniazid (INH)		Rifampicin (RMP)		INH & RMP (MDR)		Ethambutol (EMB)		Streptomycin (SM)		
		N	%	N	%	N	%	N	%	N	%	
Data on TB cases notified; DST results for >35% of cases												
birth	6	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	Andorra
citiz.	176	8	(4.5)	3	(1.7)	3	(1.7)	2	(1.1)	–	–	Austria
birth	0	–	–	–	–	–	–	–	–	–	–	Czech Republic §
birth	274	20	(7.3)	3	(1.1)	3	(1.1)	1	(0.4)	42	(15.3)	Denmark
birth	74	21	(28.4)	14	(18.9)	14	(18.9)	5	(6.8)	27	(36.5)	Estonia
birth	33	5	(15.2)	2	(6.1)	2	(6.1)	0	(0.0)	2	(6.1)	Finland
citiz.	1 055	129	(12.2)	41	(3.9)	37	(3.5)	–	–	–	–	Germany
birth	3	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	–	–	Iceland
birth	23	1	(4.3)	0	(0.0)	0	(0.0)	0	(0.0)	1	(4.3)	Ireland
birth	267	46	(17.2)	25	(9.4)	24	(9.0)	19	(7.1)	41	(15.4)	Israel §
–	–	–	–	–	–	–	–	–	–	–	–	Latvia
birth	97	20	(20.6)	13	(13.4)	11	(11.3)	5	(5.2)	18	(18.6)	Lithuania
birth	25	2	(8.0)	1	(4.0)	1	(4.0)	1	(4.0)	0	(0.0)	Luxembourg
citiz.	417	15	(3.6)	2	(0.5)	0	(0.0)	1	(0.2)	17	(4.1)	Netherlands
birth	91	13	(14.3)	2	(2.2)	2	(2.2)	2	(2.2)	–	–	Norway
birth	0	–	–	–	–	–	–	–	–	–	–	Slovakia
birth	56	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	Slovenia
birth	224	16	(7.1)	4	(1.8)	4	(1.8)	2	(0.9)	10	(4.5)	Sweden
birth	291	22	(7.6)	5	(1.7)	3	(1.0)	6	(2.1)	–	–	Switzerland
birth	1 670	102	(6.1)	22	(1.3)	17	(1.0)	9	(0.5)	–	–	United Kingdom
–	–	–	–	–	–	–	–	–	–	–	–	– Yugoslavia (Belgrade) §
Data on TB cases notified; DST results for <35% of cases												
–	–	–	–	–	–	–	–	–	–	–	–	Albania
–	–	–	–	–	–	–	–	–	–	–	–	Hungary
–	–	–	–	–	–	–	–	–	–	–	–	Macedonia, FYR
birth	1	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	Malta
citiz.	0	–	–	–	–	–	–	–	–	–	–	Romania
Data not related to TB notification												
citiz.	423	43	(10.2)	11	(2.6)	11	(2.6)	7	(1.7)	65	(15.4)	France
citiz.	86	10	(11.6)	6	(7.0)	6	(7.0)	2	(2.3)	8	(9.3)	Greece
citiz.	210	27	(12.9)	10	(4.8)	16	(7.6)	5	(2.4)	26	(12.4)	Italy

* Cases resistant to one drug only or to other drugs shown in the Table, in any combination † Drug susceptibility testing
‡ birth = country of birth; citiz = citizenship § Pulmonary cases only