

**EUROPE**

**SOUTH-EAST ASIA**

**WESTERN PACIFIC**



# Europe

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

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Andorra	Margarita Coll Armangué; Jennifer Fernandez
Armenia	Vagan Rasailovich Pogosyan; Narine Mejlmyan
Austria	Jean-Paul Klein
Azerbaijan	Faig Frudinovich Agayev; Natavan Alikhanova
Belarus	Gennady Lvovich Gurevich; Andrei Petrovich Astrovko
Belgium	Maryse Wanlin; Patrick De Smet
Bosnia & Herzegovina	Zehra Dizdarevic; Mladen Duronjic
Bulgaria	Vladimir Milanov
Croatia	Aleksandar Simunovic
Cyprus	Andreas Georghiou; Chrystalla Hadjianastassiou
Czech Republic	Jiří Wallenfels; Alena Ondračková
Denmark	Peter Henrik Andersen; Charlotte Kjelsø
Estonia	Kai Kliiman; Vahur Hollo
Finland	Petri Ruutu
France	Marie Claire Paty; Delphine Antoine
Georgia	Archil Salakaia
Germany	Walter Haas; Bonita Brodhun
Greece	Georgia Spala; Dimitra Panagiotopoulou
Hungary	János Strausz and Gábor Kovács
Iceland	Thorsteinn Blöndal
Ireland	Joan O'Donnell
Israel	Daniel Chemtob; Yana Roshal
Italy	Maria Grazia Pompa; Stefania D'Amato
Kazakhstan	Shahimurat Shaimovich Ismailov; Klar Khasanovna Baimukhanova
Kyrgyzstan	Avtandil Shermamatovitch Alisherov; Elmira Djusupbekovna Abdrakhmanova
Latvia	Janis Leimans; Vija Riekstina
Lithuania	Edita Davidavičienė
Luxembourg	Pierrette Huberty-Krau; Norbert Charlé
Malta	Analita Pace Ascjak; Anthony Gatt
Monaco	
Montenegro	Olivera Bojović
Netherlands	Vincent Kuyvenhoven; Connie Erkens
Norway	Brita Askeland Winje
Poland	Kazimierz Roszkowski; Ireneusz Szczuka
Portugal	António Fonseca Antunes
Republic of Moldova	Silviu Sofronie; Dmitrii Sain
Romania	Constantin Marica; Domnica Chiotan
Russian Federation	Ekaterina Petrovna Kakorina; Elena Igorevna Skachkova
San Marino	
Serbia	Gordana Radosavljević-Ašić and Radmila Curčić
Slovakia	Ivan Solovic; Jana Svecova
Slovenia	Damijan Eržen
Spain	Odorina Tello Anchuela; Elena Rodríguez Valín
Sweden	Victoria Romanus
Switzerland	Peter Helbling
Tajikistan	Sadulo Makhmadalievich Saidaliev; Firuza Teshaeвна Sharipova
TFYR Macedonia	Stefan Talevski; Maja Zakoska
Turkey	Feyzullah Gümüşlü; Ülgen Gullu
Turkmenistan	Babakuli Dzhumaev
Ukraine	Mikhailo Vasilievich Golubchikov; Oksana Rostislavovna Smetanina
United Kingdom	John Watson; Brian Smyth; Jim McMenamin; Roland Salmon; Michelle Kruijshaar; Eisin Shakir
Uzbekistan	Dilrabo Ulmasova; Nilufar Abdieva

**This list shows the people named on the data collection form sent to WHO in 2006, not necessarily the current NTP manager. It is intended as an acknowledgement rather than a directory.**

Table A3.1 Estimated burden of TB, Europe, 1990 and 2006

	Incidence, 1990				Prevalence, 1990				TB mortality, 1990				Incidence, 2006				Prevalence, 2006				TB mortality, 2006				HIV prevalence in incident TB cases (%)	
	All forms*		Smear-positive*		All forms*		Smear-positive*		All forms*		Smear-positive*		All forms*		Smear-positive*		All forms*		Smear-positive*		All forms*		Smear-positive*		number	rate
	number	rate	number	rate	number	rate	number	rate	number	rate	number	rate	number	rate	number	rate	number	rate	number	rate	number	rate	number	rate		
Albania	819	25	369	11	1 380	42	141	4	598	19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Andorra	19	36	8	16	21	39	2	4	14	19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Armenia	1 173	33	528	15	1 893	53	206	6	2 177	72	25	≤1	207	32	9	≤1	2 422	80	13	≤1	308	10	5	≤1	—	—
Austria	1 801	23	866	10	1 395	18	180	2	1 046	13	47	≤1	1 466	6	17	≤1	801	10	24	≤1	104	1	6	≤1	4.5	—
Azerbaijan	2 546	35	1 146	16	4 192	58	380	5	6 484	77	34	≤1	2 915	35	12	≤1	7 340	97	17	≤1	887	10	6	≤1	0.5	—
Belarus	3 948	38	1 776	17	6 460	63	553	5	5 989	61	49	≤1	2 890	28	17	≤1	6 903	71	27	≤1	802	8	9	≤1	0.8	—
Belgium	1 987	20	893	9	1 573	16	203	2	1 389	13	53	≤1	620	6	19	≤1	1 112	11	24	≤1	145	1	6	≤1	3.8	—
Bosnia & Herzegovina	4 029	94	1 813	42	6 917	161	15	15	2 005	51	—	—	902	23	—	—	2 243	57	—	—	293	7	—	—	—	—
Bulgaria	2 353	27	1 059	12	3 838	44	327	4	3 101	40	—	—	1 396	18	—	—	3 190	41	—	—	386	5	—	—	—	—
Croatia	3 326	74	1 497	33	5 700	126	527	12	1 832	40	—	—	827	18	—	—	2 910	64	—	—	292	6	—	—	—	—
Cyprus	63	9	28	4	96	14	6	≤1	42	5	—	—	19	2	—	—	49	6	—	—	4	≤1	—	—	—	—
Czech Republic	2 143	21	964	9	2 239	22	242	2	1 007	10	6	≤1	242	4	5	≤1	1 049	10	3	≤1	114	1	≤1	≤1	0.6	—
Denmark	779	15	349	7	628	12	81	2	444	8	13	≤1	188	4	5	≤1	356	7	5	≤1	46	≤1	—	—	—	—
Estonia	500	32	225	14	791	50	65	4	519	39	95	7	224	17	33	2	535	40	47	4	84	6	20	2	1.8	—
Finland	874	18	393	8	680	14	87	2	287	5	4	≤1	129	2	1	≤1	222	4	2	≤1	29	≤1	≤1	≤1	1.4	—
France	14 810	26	6 607	12	11 951	21	1 542	3	8 630	14	532	≤1	3 830	6	186	≤1	6 845	11	266	≤1	904	1	62	≤1	6.2	—
Georgia	2 106	39	948	17	2 893	53	383	7	3 736	84	10	≤1	1 680	38	4	≤1	3 731	84	5	≤1	407	9	2	≤1	0.3	—
Germany	15 522	20	6 987	9	12 047	15	1 553	2	5 370	6	98	≤1	2 407	3	34	≤1	4 151	5	49	≤1	537	≤1	6	≤1	1.8	—
Greece	3 404	33	1 527	15	3 085	30	423	4	2 008	18	55	≤1	898	8	19	≤1	1 804	16	27	≤1	253	2	9	≤1	2.7	—
Hungary	4 284	41	1 914	18	7 016	68	576	6	1 904	19	4	≤1	857	9	2	≤1	2 162	21	2	≤1	254	3	≤1	≤1	0.2	—
Iceland	15	6	7	3	12	5	2	≤1	13	4	—	—	6	2	—	—	10	3	—	—	1	≤1	—	—	—	—
Ireland	861	24	386	11	668	19	86	2	555	13	22	≤1	247	6	8	≤1	444	11	11	≤1	58	1	3	≤1	4.0	—
Israel	641	14	288	6	497	11	64	1	521	8	13	≤1	233	3	5	≤1	402	6	7	≤1	52	1	1	≤1	2.6	—
Italy	7 864	14	3 502	6	6 288	11	889	2	4 393	7	319	≤1	1 945	3	111	≤1	3 444	6	159	≤1	496	≤1	35	≤1	7.3	—
Kazakhstan	9 647	58	4 341	26	15 736	95	1 339	8	19 961	130	108	≤1	8 971	59	38	≤1	21 757	142	54	≤1	2 689	17	19	≤1	0.5	—
Kyrgyzstan	2 412	55	1 085	25	3 961	90	365	8	6 454	123	28	≤1	2 901	55	10	≤1	7 189	137	14	≤1	943	18	5	≤1	0.4	—
Latvia	916	34	412	15	1 504	66	138	5	1 312	57	53	2	585	26	19	≤1	1 369	60	27	1	193	8	10	≤1	4.1	—
Lithuania	1 472	40	663	18	2 396	65	198	5	2 102	62	13	≤1	944	28	5	≤1	2 095	61	7	≤1	229	7	2	≤1	0.6	—
Luxembourg	88	23	39	10	71	19	9	2	57	12	1	≤1	26	6	≤1	≤1	46	10	≤1	≤1	6	1	≤1	≤1	2.5	—
Malta	41	11	18	5	35	10	5	1	25	6	≤1	≤1	11	3	≤1	≤1	20	5	≤1	≤1	3	≤1	≤1	≤1	2.1	—
Monaco	1	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Montenegro	—	—	—	—	—	—	—	—	104	32	—	—	87	15	—	—	296	49	—	—	26	4	—	—	—	—
Netherlands	2 115	14	947	6	1 637	11	212	1	1 248	8	41	≤1	569	3	14	≤1	963	6	20	≤1	126	≤1	4	≤1	3.3	—
Norway	443	10	189	5	359	8	46	1	263	6	4	≤1	118	3	1	≤1	203	4	2	≤1	26	≤1	≤1	≤1	1.6	—
Poland	19 888	52	8 833	23	33 586	88	2 895	8	9 462	25	40	≤1	4 254	11	14	≤1	10 387	27	20	≤1	1 268	3	7	≤1	0.4	—
Portugal	6 735	67	2 965	30	5 207	52	673	7	3 382	32	468	4	1 475	14	164	2	2 502	24	234	2	337	3	45	≤1	1.4	—
Republic of Moldova	2 832	65	1 274	29	4 620	105	393	9	5 404	141	20	≤1	2 430	63	7	≤1	5 890	154	10	≤1	722	19	3	≤1	0.4	—
Romania	17 068	74	7 680	33	28 145	121	2 383	10	27 533	128	93	≤1	12 381	57	33	≤1	30 053	140	47	≤1	3 765	17	18	≤1	0.3	—
Russian Federation	66 955	45	30 129	20	106 507	72	12 731	9	152 797	107	5 803	4	68 178	48	2 031	1	178 928	125	2 902	2	24 335	17	1 259	≤1	3.8	—
San Marino	3	12	5	2	2	9	≤1	1	2	6	—	—	≤1	3	—	—	2	5	—	—	—	—	—	—	—	—
Serbia	6 010	59	2 705	27	10 317	102	971	10	3 183	32	21	≤1	1 430	15	7	≤1	3 994	41	11	≤1	471	5	6	≤1	0.7	—
Slovakia	2 085	40	938	18	2 848	54	344	7	2 621	15	—	—	373	7	—	—	964	18	—	—	129	2	—	—	—	—
Slovenia	824	43	371	19	1 270	66	98	5	261	13	—	—	117	6	—	—	304	15	—	—	37	2	—	—	—	—
Spain	21 644	56	9 563	25	17 182	44	2 266	6	13 179	30	1 209	3	6 810	13	423	≤1	10 330	24	604	1	1 385	3	141	≤1	9.2	—
Sweden	594	7	266	3	461	5	59	≤1	549	6	16	≤1	246	3	5	≤1	423	5	8	≤1	55	≤1	2	≤1	2.9	—
Switzerland	1 253	18	560	8	970	14	125	2	500	7	33	≤1	222	3	12	≤1	380	5	16	≤1	50	≤1	3	≤1	6.8	—
Tajikistan	5 927	112	2 667	50	10 357	195	1 165	22	13 532	204	104	2	6 079	92	37	≤1	19 764	298	52	≤1	2 605	39	37	≤1	0.8	—
TFYR Macedonia	1 023	54	460	24	1 752	92	214	11	806	20	—	—	268	13	—	—	674	33	—	—	103	5	—	—	—	—
Turkey	28 324	49	12 748	22	47 702	83	4 856	9	21 752	29	—	—	9 788	13	—	—	23 875	32	—	—	3 448	5	—	—	—	—
Turkmenistan	2 366	64	1 080	29	3 870	105	366	10	3 176	65	—	—	1 439	29	—	—	3 833	78	—	—	663	9	—	—	—	—
Ukraine	21 320	41	9 582	19	35 235	88	3 089	6	49 308	106	2 862	6	21 902	47	1 002	2	52 817	114	1 431	3	6 762	15	521	1	5.8	—
United Kingdom	6 722	12	3 018	6	5 224	9	672	3	9 358	15	335	≤1	1 777	7	117	≤1	16 088	12	167	≤1	1 036	2	32	≤1	3.6	—
Uzbekistan	14 026	68	6 511	31	23 458	114	2 092	10	32 778	121	208	≤1	14 729	55	73	≤1	39 021	145	104	≤1	4 561	17	44	≤1	0.6	—
<b>EUR</b>	<b>318 540</b>	<b>37</b>	<b>142 963</b>	<b>17</b>	<b>446 679</b>	<b>53</b>	<b>46 898</b>	<b>6</b>	<b>433 261</b>	<b>49</b>	<b>12 842</b>	<b>1</b>	<b>193 683</b>	<b>22</b>	<b>4 495</b>	<b>≤1</b>	<b>478 332</b>	<b>54</b>	<b>6 421</b>	<b>≤1</b>	<b>62 197</b>	<b>7</b>	<b>2 335</b>	<b>≤1</b>	<b>3.0</b>	—

— indicates no estimate.  
 \* Incidence, prevalence and mortality estimates include patients with HIV. Estimates labelled "HIV+" are estimates of TB in HIV-positive people (all ages). Estimates for all years are re-calculated as new information becomes available and techniques are refined, so they may differ from those published previously. See Explanatory notes on page 187 for further details. Data can be downloaded from www.who.int/tb

**Table A3.2 Case notifications and case detection rates, DOTS and non-DOTS combined, Europe, 2006**

	Notified TB cases, DOTS and non-DOTS combined												Incidence and case detection rates						Proportions									
	Population			New pulmonary			New extra-pulmonary			Re-treatment cases			Estimated incidence			Case detection rate			ss+ (% of new ss+ (pulum.) new+relapse) new+re-treat.)			ss+ (% of new ss+ (pulum.) new+relapse) new+re-treat.)						
	number	rate	% of total	number	rate	% of total	number	rate	% of total	number	rate	% of total	number	rate	% of total	number	rate	% of total	number	rate	% of total	number	rate	% of total	number	rate	% of total	
Albania	3 172	602	489	15	186	6	106	175	2	32	1	32	588	269	76	69	69	64	40	37	7	7	7	7	7	7	7	
Andorra	74	13	12	16	8	11	2	2				8						80	67	17	8	8	8	8	8	8	8	
Armenia	3 010	2 155	1 787	59	580	19	684	324	169	72	63	253	2 177	977	73	59	59	46	30	33	18	18	18	18	18	18	18	
Austria	8 327	873	855	10	213	3	507	135	18	18		485	1 046	466	82	46	46	30	25	16	2	2	2	2	2	2	2	
Azerbaijan	8 406	7 498	5 705	68	1 454	17	2 768	697	1 276			1 454	6 484	2 915	68	50	50	40	22	21	12	12	12	12	12	12	12	
Belarus	9 742	6 085	5 142	53	1 072	11	3 709	361	923	23	20	2 086	5 989	2 690	86	40	40	22	21	12	7	7	7	7	7	7	7	
Belgium	10 430	1 127	1 043	10	343	3	370	330	84	603		603	1 389	620	75	55	55	48	33	32	7	7	7	7	7	7	7	
Bosnia & Herzegovina	3 926	1 800	1 778	45	562	14	910	215	91	215		910	2 005	902	84	62	62	38	33	32	12	12	12	12	12	12	12	
Bulgaria	7 693	3 232	3 136	41	1 377	17	1 377	327	125	96		1 307	3 101	1 396	97	94	94	42	42	10	10	10	10	10	10	10	10	
Croatia	4 556	1 135	1 029	23	306	7	520	113	106	113		583	1 832	824	56	48	48	43	38	11	9	9	9	9	9	9	9	
Cyprus	846	37	36	4	8	1	22	6	1			21	42	19	85	42	42	27	22	17	3	3	3	3	3	3	3	
Czech Republic	10 189	973	941	9	257	3	480	204	32	32		520	1 007	452	93	57	57	35	27	22	3	3	3	3	3	3	3	
Denmark	5 430	377	341	6	123	2	123	95	35	35		201	444	188	77	62	62	50	36	28	9	9	9	9	9	9	9	
Estonia	1 340	455	422	31	147	11	195	31	49	0	10	23	267	519	224	72	66	43	35	27	6	6	6	6	6	6	6	
Finland	5 261	299	280	5	84	2	110	86	19	19		187	287	129	98	65	65	40	30	31	18	18	18	18	18	18	18	
France	61 330	5 336	4 817	8	1 911	3	1 626	1 280	349	170		2 780	6 630	3 830	56	50	50	54	40	27	7	7	7	7	7	7	7	
Georgia	4 433	6 311	4 584	103	1 831	41	1 231	1 261	231	231		1 831	3 736	1 680	116	109	109	60	40	28	31	31	31	31	31	31	31	
Germany	82 641	5 402	5 021	6	1 303	2	2 537	1 027	154	2	7	122	2 957	2 407	91	54	54	34	26	20	8	8	8	8	8	8	8	
Greece	11 123	681	580	5	210	2	286	84	112	0	3	204	708	1 904	857	83	49	28	25	5	17	17	17	17	17	17	17	
Hungary	10 058	1 894	1 687	17	422	4	1 067	86	6	6		6	13	6	103	71	71	57	31	46	4	4	4	4	4	4	4	
Iceland	298	13	13	4	4	1	3	6																				
Ireland	4 221	458	416	10	133	3	180	99	4	4		219	555	247	74	54	54	42	32	24	5	5	5	5	5	5	5	
Israel	6 810	386	384	6	72	1	237	74	2	2		220	521	233	74	31	31	23	19	19	1	1	1	1	1	1	1	
Italy	58 779	4 387	4 145	7	1 377	2	1 473	1 295	242	242		1 881	4 393	1 945	94	71	71	48	33	31	6	6	6	6	6	6	6	
Kazakhstan	15 314	43 204	23 728	155	6 205	41	11 029	3 640	2 854	1 119		7 227	19 961	8 971	105	69	69	36	26	15	49	49	49	49	49	49	49	
Kyrgyzstan	5 259	6 656	6 174	117	1 833	35	2 132	1 761	448	482		1 833	6 454	2 901	89	63	63	46	30	29	14	14	14	14	14	14	14	
Latvia	2 289	1 328	1 290	56	498	22	522	124	146	1		787	1 312	585	87	85	85	49	39	10	14	14	14	14	14	14	14	
Lithuania	3 408	2 559	2 365	69	1 029	30	754	316	266	43		304	2 102	944	100	109	109	58	44	13	18	18	18	18	18	18	18	
Luxembourg	461	33	33	7	22	5	10	1				32	57	26	58	86	86	69	67	3	3	3	3	3	3	3	3	
Malta	405	30	30	7	4	1	20	6				11	25	11	122	36	36	17	13	20								
Monaco	33																											
Montenegro	601	171	167	28	58	10	74	21	14	0	1	3	101	194	67	79	66	44	35	13	11	11	11	11	11	11	11	
Netherlands	16 379	1 021	1 002	6	203	1	441	341	17	17		483	1 249	558	79	36	36	32	20	34	4	4	4	4	4	4	4	
Norway	4 669	294	276	6	46	1	131	99				140	263	118	105	39	39	26	17	36	6	6	6	6	6	6	6	
Poland	38 140	8 593	8 017	21	2 835	7	4 102	690	390	176		1 434	9 462	4 254	81	67	67	41	35	9	11	11	11	11	11	11	11	
Portugal	10 579	3 423	3 218	30	1 300	12	959	813	146	1		1 865	3 382	1 475	91	88	88	58	40	25	10	10	10	10	10	10	10	
Republic of Moldova	3 833	6 118	4 990	130	1 679	44	2 112	597	602	250		1 679	5 404	2 430	81	69	69	44	34	12	28	28	28	28	28	28	28	
Romania	21 532	27 319	24 285	113	9 814	46	7 254	3 665	3 562	1 106	492	1 426	27 533	12 381	75	79	79	57	40	15	24	24	24	24	24	24	24	
Russian Federation	143 221	162 265	124 689	87	32 335	23	73 252	12 059	6 287	7 043		46 491	152 797	68 178	77	47	47	31	26	10	23	23	23	23	23	23	23	
Sam Marino	31											2	2	1														
Serbia	9 851	3 272	3 146	32	1 136	12	1 260	543	207	14	17	95	1 470	3 183	1 430	92	79	47	36	17	10	10	10	10	10	10	10	
- Serbia (without Kosovo)	2 150	2 024	1 924	843	749	276	156	156	14	14		1 177	1 177															
- Kosovo	1 122	1 122	293	511	267	51	267	51				293	293															
Slovakia	5 388	730	673	12	160	3	344	122	47	2		310	829	373	76	43	43	32	24	18	14	14	14	14	14	14	14	
Slovenia	2 001	215	207	10	83	4	81	38	8			146	261	117	77	71	71	51	40	18	6	6	6	6	6	6	6	
Spain	43 987	8 039	7 815	18	2 036	5	4 284	1 976	199	214		3 439	13 170	5 810	58	25	25	32	26	18	5	5	5	5	5	5	5	
Switzerland	9 078	409	409	5	106	1	203	176	4			203	409	203	88	23	23	34	24	38	2	2	2	2	2	2	2	
Switzerland	7 455	620	481	6	112	2	231	118				308	500	222	92	51	51	33	24	26	9	9	9	9	9	9	9	
Tajikistan	6 640	6 671	5 382	81	2 051	31	1 613	1 562	136	64		2 051	13 532	6 079	39	34	34	56	38	29	22	22	22	22	22	22	22	
TFYR Macedonia	2 036	627	561	28	178	9	218	133	32	11	52	212	596	268	89	66	66	45	32	24	16	16	16	16	16	16	16	
Turkey	73 922	20 526	19 629	27	7 966	11	5 069	5 009	1 085	81	226	590	9 142															

Table A3.3. DOTS coverage, case notifications and case detection rates, Europe, 2006

Country	DOTS coverage %	TB cases reported from DOTS services										Estimated incidence and case detection rate					Proportions			
		New and relapse		New pulmonary		New extra-pulmonary		Re-treatment cases		Other		New pulm. lab. confirm. number	Estimated incidence all forms number	Case detection rate all new %	new ss+ %	ss+ (% of pulm.)	ss+ (% of new+relapse)	Extrapulm. (% of new+relapse)	Re-treat. (% of new+re-treat.)	
		number	rate	number	rate	number	rate	number	rate	number	rate									number
Albania	50	246	8	99	3	48	97	2	1	7	108	598	269	41	37	67	40	39	4	
Andorra	100	12	16	8	11	2	2	1	1	253	8	14	6	84	125	80	67	17	8	
Armenia	100	1 767	59	560	19	694	324	169	63	253	580	2 177	977	73	59	46	33	18	28	
Austria	100	855	10	213	3	507	135	18	18	485	1 046	466	82	46	30	25	25	16	2	
Azerbaijan	100	5 705	68	1 454	17	2 278	697	1 276	0	1 454	6 484	2 915	68	50	39	25	25	12	41	
Belarus	100	5 142	53	1 072	11	3 709	361	923	2 086	2 086	5 989	2 690	86	40	22	22	21	7	15	
Belgium	100	1 043	10	343	3	370	330	84	603	603	1 389	620	75	55	48	33	32	7	7	
Bosnia & Herzegovina	100	1 778	45	562	14	910	215	91	22	983	2 005	902	84	62	38	32	12	6	6	
Bulgaria	100	3 136	41	1 307	17	1 377	327	125	96	1 307	1 832	824	19	85	42	27	22	17	3	
Croatia	25																			
Cyprus	100	36	4	8	1	22	6	1	32	520	1 007	452	93	57	35	27	22	3	3	
Czech Republic	100	941	9	257	3	480	204	35	35	1	2 011	444	198	77	62	50	36	28	9	
Denmark	100	341	6	123	2	123	95	49	0	23	267	519	224	72	66	43	35	7	18	
Estonia	100	422	31	147	11	195	31	10	23	267	2 87	129								
Finland	0																			
France	0																			
Georgia	100	4 554	103	1 831	41	1 231	1 261	231	217	231	1 831	3 736	1 680	116	109	60	40	28	31	
Germany	100	5 021	6	1 303	2	2 537	1 027	154	2	250	2 957	5 370	2 407	91	54	34	26	20	8	
Greece	0																			
Hungary	100	1 687	17	422	4	1 067	86	112	0	204	708	1 904	857	83	49	28	25	5	17	
Iceland	100	13	4	4	1	3	6				6	13	6	103	41	57	31	46		
Ireland	0																			
Israel	100	384	6	72	1	237	74	1	2	2	220	555	247	74	31	23	19	19	1	
Italy	65	4 145	7	1 377	2	1 473	1 295	2 848	1 102	11 372	7 166	4 393	1 945	94	71	48	33	31	6	
Kazakhstan	100	23 254	152	6 151	40	10 663	3 592	2 848	1 052	11 372	7 166	19 961	8 971	102	69	37	26	15	45	
Kyrgyzstan	100	6 174	117	1 833	35	2 132	1 761	148	482	482	1 833	6 454	2 901	89	63	46	30	29	14	
Latvia	100	1 290	56	498	22	522	124	146	1	8	787	1 312	565	87	85	49	39	10	14	
Lithuania	96	2 365	69	1 029	30	754	316	266	43	106	1 304	2 102	944	100	109	58	44	13	18	
Luxembourg	100	2	0	1	0	1	1				2	57	26	4	4	60	50	10	18	
Malta	100	30	7	4	1	20	6				11	25	11	122	36	17	13	20		
Monaco	0																			
Montenegro	0																			
Netherlands	100	1 002	6	203	1	441	341	17	19	19	493	1 249	558	79	96	32	20	34	4	
Norway	100	276	6	46	1	131	99	17	17	1	140	263	118	105	39	26	17	36	6	
Poland	100	8 017	21	2 835	7	4 102	690	390	576	4 342	4 342	9 462	4 254	81	67	41	35	9	11	
Portugal	100	3 218	30	1 300	12	959	813	146	1	6	1 865	3 382	1 475	91	88	58	40	25	10	
Republic of Moldova	100	4 990	130	1 679	44	2 112	597	602	250	672	0	5 404	2 430	81	69	44	34	12	28	
Romania	100	24 295	113	9 814	46	7 254	3 665	3 662	1 106	492	11 124	27 533	12 381	75	79	57	40	15	24	
Russian Federation	84	102 997	72	29 989	21	56 713	9 502	6 793	6 287	6 185	44 145	152 797	68 178	63	44	35	29	9	17	
Sam Marino	0																			
Serbia	100	3 146	32	1 136	12	1 260	543	207	14	95	1 470	3 183	1 430	92	79	47	36	17	10	
Serbia (without Kosovo)	0	2 024		843		749	276	156	14	17	1 177	13 532	6 079	33	33	62	43	28	23	
Kosovo	0	1 122		293		511	267	51			293	596	268	89	66	45	32	24	16	
Slovakia	100	673	12	160	3	344	122	47	2	54	310	829	373	76	43	32	24	18	14	
Slovenia	100	207	10	83	4	81	36	5	6	6	146	13 179	5 810	246	71	51	40	18	6	
Spain	0																			
Sweden	0																			
Switzerland	0																			
Tajikistan	79	4 619	70	1 986	30	1 237	1 292	104	64	27	1 190	13 532	6 079	33	33	62	43	28	23	
TFYR Macedonia	100	561	28	178	9	218	133	32	3	52	212	596	268	89	66	45	32	24	16	
Turkey	50	19 629	27	7 866	11	5 069	5 009	1 085	81	226	9 142	21 752	9 788	85	80	61	40	29	10	
Turkmenistan	80	2 073	42	830	17	888	256	99	146	146	14 206	3 175	1 429	62	58	48	40	12	11	
Ukraine	100	41 265	89	14 206	31	20 226	4 452	2 381			14 206	49 308	21 902	79	65	41	34	11	6	
United Kingdom	0																			
Uzbekistan	100	22 845	85	7 093	26	9 913	5 055	784	376	113	903	32 778	14 729	67	48	42	31	22	9	
EUR	67	310 156	35	100 102	11	142 303	45 579	0	22 172	9 571	2 672	29 305	141	126 522	66	52	41	32	15	18

ss+ indicates sputum smear-positive; ss-, sputum smear-negative; unk., sputum smear result unknown; re-treat., re-treatment; pulm.lab. confirmed, pulmonary case confirmed by positive smear or culture. See Explanatory notes on page 187 for further details. Data can be downloaded from www.who.int/tb





Table A3.6 Re-treatment outcomes, Europe, 2005 cohort

	Relapse, DOTS % of cohort						After failure, DOTS % of cohort						After default, DOTS % of cohort														
	Number regist'd	Compl- eted	Died	Failed	Default	Trans- ferred	Not eval.	Success	Number regist'd	Compl- eted	Died	Failed	Default	Trans- ferred	Not eval.	Success	Number regist'd	Compl- eted	Died	Failed	Default	Trans- ferred	Not eval.	Success			
Albania	6	67	0	0	0	17	0	17	67																		
Andorra																											
Armenia	211	16	28	7	9	36	3	2	44																		
Austria																											
Azerbaijan	1 314	28	9	6	6	13	20	18	37																		
Belarus																											
Belgium	106	85	8	4	1	2	1	0	92																		
<sup>1</sup> Bosnia & Herzegovina	122	62	4	5	12	15	2	0	66																		
<sup>1</sup> Bulgaria																											
Croatia																											
Cyprus																											
Czech Republic																											
Denmark	28	29	7	7	4	18	4	32	36	4	0	0	0	25	0	75	0	75	0	0	0	0	71	29			
Estonia																											
Finland																											
France	205	50	10	8	16	13	3	0	60	173	30	4	13	28	17	5	2	34	291	28	12	8	14	29	5	4	40
Georgia	64	47	25	14	0	2	0	13	72	8	25	13	13	0	0	50	38	12	33	50	8	0	0	8	83		
Germany																											
Greece	73	29	8	15	22	7	3	16	37																		
Hungary																											
Iceland																											
Ireland	9	44	33	0	0	11	0	11	78																		
<sup>1</sup> Israel	28	32	11	25	4	7	21	0	43	2	0	0	0	0	100	0	100	0									
<sup>1</sup> Italy																											
Kazakhstan	3 145	49	1	14	14	6	3	13	50	940	35	1	12	17	7	3	26	36	213	15	2	17	24	33	7	2	17
Kyrgyzstan	411	68	7	10	8	1	0	74																			
Latvia	108	45	1	16	2	4	1	31	46	2	100	0	0	0	0	100	18	27	63	0	0	0	0	37	63		
Lithuania	205	38	0	25	4	16	1	16	38	45	18	0	9	27	0	47	18	110	14	0	0	3	28	0	55	14	
Luxembourg																											
Malta																											
Monaco																											
Montenegro	6	0	0	0	0	0	0	17	83																		
Netherlands																											
Norway																											
Poland	249	42	9	5	1	37	2	5	51	8	0	13	13	0	75	0	75	0	34	3	56	6	3	21	6	6	59
Portugal	92	14	73	7	0	5	1	0	87																		
Republic of Moldova	634	39	3	12	18	15	9	3	42	369	27	6	12	21	12	16	6	33	213	15	2	17	24	33	7	2	17
Romania	3 118	51	9	10	10	13	1	7	59	1 383	24	5	13	15	16	1	25	29	459	29	12	11	8	30	1	10	40
Russian Federation	4 094	42	5	15	22	12	5	0	46																		
San Marino																											
Serbia	141	62	18	11	1	7	0	1	80	3	33	0	0	0	0	67	33	9	56	22	0	0	0	0	22	78	
Slovakia	22	59	23	5	0	0	0	14	82	2	50	0	0	0	0	50	50	4	75	0	0	0	0	0	25	75	
Slovenia	14	43	43	7	0	0	7	0	86																		
Spain																											
Sweden																											
Switzerland	85	76	0	8	13	2	0	0	76	34	41	6	24	24	3	3	0	47	23	43	0	30	13	4	9	43	
Tajikistan	41	56	15	5	5	17	0	2	71																		
TFYR Macedonia	36	61	17	3	6	8	0	6	78	5	0	0	20	0	0	80	0	2	0	0	0	0	50	0	50	0	
Turkey	42	57	2	26	10	5	0	0	60																		
Turkmenistan																											
Ukraine																											
United Kingdom	1 670	57	9	10	8	14	1	0	66	309	34	13	17	21	13	2	0	46	441	15	48	9	11	17	0	0	63
Uzbekistan																											
<b>EUR</b>	<b>16 279</b>	<b>45</b>	<b>6</b>	<b>12</b>	<b>13</b>	<b>12</b>	<b>4</b>	<b>8</b>	<b>52</b>	<b>3 287</b>	<b>29</b>	<b>5</b>	<b>13</b>	<b>18</b>	<b>13</b>	<b>4</b>	<b>20</b>	<b>33</b>	<b>1 632</b>	<b>22</b>	<b>20</b>	<b>12</b>	<b>12</b>	<b>26</b>	<b>2</b>	<b>6</b>	<b>43</b>

<sup>1</sup> Indicates that the outcomes are for laboratory-confirmed cases, i.e. smear and/or culture-positive. Not eval. indicates not evaluated (percentage of registered cases for which outcomes were not recorded); success, sum of cured and completed; cases regist'd, the denominator for calculating treatment outcomes. The number of cases registered for treatment in 2005 is used as denominator for calculating treatment outcomes unless it is missing or is less than the sum of outcomes, in which case the sum of outcomes is used. Data can be downloaded from [www.who.int](http://www.who.int)



Table A3.8. New smear-positive case notification by age and sex, absolute numbers, DOTS and non-DOTS, Europe, 2006

	Male					Female					All					Male/female ratio							
	0-14	15-24	25-34	35-44	45-54	55-64	65+	0-14	15-24	25-34	35-44	45-54	55-64	65+									
Albania	5	24	19	22	21	19	20	2	12	8	7	7	7	13	7	36	27	29	28	26	33	2.3	
Andorra	0	0	1	2	0	1	1	0	0	1	0	1	0	0	0	0	2	2	1	1	1	3.0	
Armenia	0	113	116	86	88	38	17	3	28	29	16	15	7	4	0	3	141	145	112	113	45	21	4.7
Austria	1	9	25	36	39	19	19	2	12	12	16	16	5	3	15	3	21	37	52	44	22	34	2.3
Azerbaijan	6	241	362	365	120	78	30	2	51	66	66	44	15	8	8	8	292	428	431	164	93	38	4.8
Belarus	61	134	217	260	96	71	13	1	32	38	43	43	18	58	14	93	172	260	303	114	129	3.6	
Belgium	4	26	52	38	45	27	42	6	25	25	18	6	7	22	10	51	77	56	51	34	64	2.1	
Bosnia & Herzegovina	0	40	58	47	53	42	66	0	41	50	24	29	20	88	0	81	108	71	82	62	154	1.2	
Bulgaria	6	86	146	170	164	133	123	12	76	96	86	34	24	59	18	162	242	256	218	157	182	2.2	
Croatia	0	20	23	58	69	30	48	2	16	26	16	22	7	59	2	36	49	74	91	37	107	1.7	
Cyprus	0	0	1	1	0	1	0	0	2	3	0	0	0	0	0	0	2	4	1	0	1	0	0.6
Czech Republic	0	6	19	39	56	38	25	0	4	12	12	10	6	30	0	10	31	51	66	44	55	2.5	
Denmark	0	8	13	15	27	10	8	1	6	12	9	5	5	4	4	1	14	25	24	32	15	12	1.9
Estonia	0	4	19	24	40	12	7	0	3	9	10	9	4	6	6	0	7	28	34	49	16	13	2.6
Finland	0	5	6	5	9	6	20	0	2	4	3	4	1	19	0	7	10	8	13	7	39	1.5	
France	17	137	214	238	209	153	278	15	112	168	91	67	44	170	32	249	372	329	276	197	448	1.9	
Georgia	3	315	382	300	241	86	72	5	115	110	71	60	26	34	8	430	502	371	301	112	106	3.3	
Germany	2	76	138	169	169	103	199	7	66	109	77	39	24	102	9	144	247	246	228	127	301	2.1	
Greece	0	11	32	22	24	22	22	0	13	12	8	5	6	24	0	24	44	30	29	28	51	2.0	
Hungary	2	10	31	71	98	54	33	3	17	16	19	28	11	29	5	27	47	90	126	65	62	2.4	
Iceland	0	0	0	0	0	0	1	0	0	2	0	0	0	0	0	0	2	0	0	0	2	0.3	
Ireland	0	8	18	17	11	16	13	0	11	20	8	4	3	3	0	19	38	25	15	19	16	1.7	
Israel	0	3	12	14	4	6	10	4	1	5	4	4	2	7	7	0	17	18	8	8	17	2.1	
Italy	7	113	201	197	105	75	152	9	88	165	82	48	16	88	16	201	366	279	153	91	240	1.7	
Kazakhstan	11	888	981	848	744	287	169	30	741	636	370	234	116	150	41	1629	1617	1218	978	403	319	1.7	
Kyrgyzstan	3	245	298	245	179	75	75	13	228	203	107	75	32	65	16	473	501	352	254	107	140	1.5	
Latvia	2	27	78	82	105	51	26	0	17	27	33	28	9	13	2	44	105	115	133	60	39	2.9	
Lithuania	0	38	120	207	211	107	74	0	25	48	56	52	38	53	0	63	168	263	263	145	127	2.8	
Luxembourg	0	0	3	2	3	2	3	0	2	3	2	0	1	1	0	2	6	4	3	3	4	1.4	
Malta	0	1	0	2	0	0	1	0	0	0	0	0	0	0	0	0	1	0	2	0	0	1	
Monaco	0	0	7	7	12	9	3	0	3	4	4	4	3	2	0	3	11	11	16	12	5	1.9	
Montenegro	0	25	23	31	23	17	19	3	15	17	12	5	3	10	3	40	40	43	28	20	29	2.1	
Netherlands	0	5	10	5	3	3	1	1	5	5	2	2	1	3	1	10	15	7	5	4	4	1.4	
Norway	1	92	215	390	649	357	285	1	83	142	112	118	72	318	2	175	357	502	767	429	603	2.4	
Poland	7	80	211	259	190	94	108	4	56	107	85	33	22	41	11	136	318	344	223	116	149	2.7	
Portugal	2	175	302	349	312	106	32	7	91	108	72	67	25	31	9	266	410	421	379	131	63	3.2	
Republic of Moldova	30	748	1306	1624	1738	847	580	37	689	763	448	334	224	465	67	1417	2069	2072	2072	1071	1045	2.3	
Romania	18	2445	5774	5923	6342	2440	1120	40	1514	2207	1703	1492	560	757	58	3959	7981	7626	7634	3000	1877	2.9	
Russian Federation	6	87	91	107	167	83	144	7	78	74	43	44	44	152	13	165	165	150	211	127	296	1.5	
Serbia	4	8	11	18	27	29	17	0	6	6	7	4	3	20	4	14	17	25	31	32	37	2.5	
Slovakia	0	3	5	9	12	7	6	0	5	7	4	2	4	19	0	8	12	13	14	11	25	1.0	
Spain	18	142	332	311	232	105	175	17	122	264	137	48	19	77	35	264	596	448	280	124	252	1.9	
Sweden	0	4	15	14	5	3	16	1	12	14	9	1	2	10	1	16	29	23	6	5	26	1.2	
Switzerland	1	11	15	11	8	7	12	1	10	16	11	5	1	2	2	21	31	22	13	8	14	1.4	
Tajikistan	0	15	15	25	37	18	7	3	16	9	9	6	7	11	3	31	24	34	43	25	18	1.9	
TFR Macedonia	40	1212	1391	1003	1045	575	473	96	769	507	235	155	149	256	96	1981	1898	1238	1200	724	729	2.7	
Turkey	0	140	273	191	120	33	18	5	107	115	72	34	24	23	5	247	388	263	154	57	41	2.0	
Turkmenistan	8	926	2522	2979	2714	1087	568	16	600	909	704	446	246	481	24	1526	3431	3683	3160	1333	1049	3.2	
Ukraine	9	173	244	213	148	88	191	22	188	192	112	60	42	97	31	341	436	325	208	130	288	1.5	
United Kingdom	19	568	807	717	565	268	329	41	544	597	346	327	224	421	607	1112	1404	1063	892	492	750	1.3	
Uzbekistan	232	9377	17081	17735	17493	7763	5734	375	6919	7968	5381	4065	2127	4321	607	15996	25049	23116	21558	9890	10065	2.4	
EUR																							

For some countries, breakdown of notified cases by age and sex is missing, or is provided for a subset of cases. See Explanatory notes on page 187 for further details. Data can be downloaded from www.who.int/tb

Table A3.9. New smear-positive case notification rates by age and sex, DOTS and non-DOTS, Europe, 2006

	MALE														FEMALE														ALL																							
	15-24				25-34				35-44				45-54				55-64				65+				0-14				15-24				25-34				35-44				45-54				55-64				65+			
	0-14	15-24	25-34	35-44	45-54	55-64	65+	0-14	15-24	25-34	35-44	45-54	55-64	65+	0-14	15-24	25-34	35-44	45-54	55-64	65+	0-14	15-24	25-34	35-44	45-54	55-64	65+	0-14	15-24	25-34	35-44	45-54	55-64	65+																	
Albania	1	8	9	11	11	15	15	1	4	3	3	4	6	6	9	9	9	13	7	6	6	2	0	23	36	28	26	23	6	12	10	10	12	6	6	6	7	7	10	12												
Andorra	0	38	63	56	50	45	12	1	9	13	7	6	6	6	2	2	0	2	2	1	1	2	0	0	2	3	4	4	2	2	2	3	4	4	4	2	2	2	6	6												
Armenia	0	2	5	5	7	4	3	0	2	2	2	2	1	1	1	1	1	0	6	10	9	8	7	2	0	17	34	33	16	24	6	6	6	6	6	6	6	6	6	6	6											
Azerbaijan	1	27	60	61	24	43	12	0	6	10	9	8	7	2	2	0	4	5	6	5	4	6	6	0	0	6	12	18	20	13	9	9	9	9	9	9	9	9	9	9	9											
Belarus	8	18	32	37	24	16	0	0	4	5	6	5	4	6	6	6	1	4	4	2	1	2	2	1	4	6	4	3	3	4	4	4	4	4	4	4	4	4	4	4	4											
Belgium	0	4	8	5	6	5	6	1	4	4	2	1	1	1	1	1	1	4	4	2	1	2	2	1	4	6	4	3	3	4	4	4	4	4	4	4	4	4	4	4	4											
Bosnia & Herzegovina	0	15	19	16	20	21	29	0	15	17	8	11	9	27	27	27	0	15	17	8	11	9	27	0	15	18	12	15	15	28	28	28	28	28	28	28	28	28	28	28	28											
Bulgaria	1	16	25	32	35	28	22	2	15	17	16	6	4	8	8	8	2	16	17	16	6	4	8	2	16	21	24	20	16	14	14	14	14	14	14	14	14	14	14	14	14											
Croatia	0	7	7	18	20	12	16	1	6	8	5	6	3	12	12	12	0	6	8	5	6	3	12	0	6	8	12	13	7	14	14	14	14	14	14	14	14	14	14	14	14											
Cyprus	0	0	2	2	0	2	0	0	3	5	0	0	0	0	0	0	0	3	5	0	0	0	0	0	2	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0										
Czech Republic	0	1	2	6	8	6	4	0	3	1	1	2	1	1	3	3	0	2	3	2	1	1	3	0	2	4	3	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1										
Denmark	0	3	4	4	7	3	2	0	2	3	2	1	1	1	1	1	0	2	3	2	1	1	1	0	2	4	3	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1										
Estonia	0	4	20	28	46	19	8	0	3	10	11	9	5	4	4	4	0	3	10	11	9	5	4	0	3	15	19	26	11	6	6	6	6	6	6	6	6	6	6	6	6	6										
Finland	0	1	2	1	2	2	0	0	3	1	1	1	1	0	4	4	0	3	1	1	1	1	2	0	3	5	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1									
France	0	3	5	5	5	4	7	0	3	4	2	2	2	1	3	3	0	3	4	2	2	1	3	0	3	5	4	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4										
Georgia	1	84	152	104	84	50	29	1	32	34	21	18	12	9	9	9	0	32	34	21	18	12	9	1	32	34	21	18	12	9	9	9	9	9	9	9	9	9	9	9	9	9										
Germany	0	2	3	2	3	2	3	0	1	2	1	1	1	1	1	1	0	2	1	1	1	1	1	0	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2									
Greece	0	2	4	3	3	4	3	0	2	1	1	1	1	1	1	1	0	2	1	1	1	1	1	0	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2									
Hungary	0	2	4	11	14	10	6	0	0	3	2	3	4	2	3	3	0	3	2	3	4	2	3	0	2	3	7	9	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4									
Iceland	0	0	0	0	0	0	6	0	0	0	10	0	0	0	5	5	0	0	10	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									
Ireland	0	2	5	6	4	8	6	0	4	6	3	2	1	1	1	1	0	4	6	3	2	1	1	0	3	5	4	3	5	3	3	3	3	3	3	3	3	3	3	3	3	3										
Israel	0	1	2	3	1	2	3	0	0	1	1	1	1	1	2	2	0	1	1	1	1	1	2	0	0	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2									
Italy	0	4	5	4	3	2	3	0	3	4	2	1	0	1	0	1	0	3	4	2	1	0	1	0	3	4	3	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2									
Kazakhstan	1	58	82	83	85	69	40	2	50	51	34	23	20	19	19	19	1	54	51	34	23	20	19	1	54	51	34	23	20	19	19	19	19	19	19	19	19	19	19	19	19	19										
Kyrgyzstan	0	43	72	76	72	71	63	2	41	49	32	27	26	35	35	35	0	42	49	32	27	26	35	1	42	49	32	27	26	35	35	35	35	35	35	35	35	35	35	35	35	35										
Latvia	1	15	48	52	70	47	21	0	10	17	20	16	6	5	5	5	1	12	17	20	16	6	5	1	12	17	20	16	6	5	5	5	5	5	5	5	5	5	5	5	5	5										
Lithuania	0	14	52	83	96	71	41	0	10	21	21	21	21	19	15	15	0	10	21	21	21	21	19	15	0	12	36	51	56	41	24	24	24	24	24	24	24	24	24	24	24	24										
Luxembourg	0	0	9	6	9	8	11	0	7	9	5	0	4	3	3	3	0	7	9	5	0	4	3	0	4	9	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6										
Malta	0	3	0	8	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
Monaco	0	0	17	19	30	34	8	0	6	9	10	9	10	4	4	4	0	6	9	10	9	10	4	0	3	13	14	19	21	6	6	6	6	6	6	6	6	6	6	6	6	6										
Montenegro	0	3	2	2	2	2	2	0	2	2	1	0	0	1	1	1	0	2	2	1	0	0	1	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2										
Netherlands	0	2	3	1	1	1	0	0	2	2	1	1	0	0	1	1	0	2	2	1	0	0	1	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2										
Norway	0	3	7	16	22	19	15	0	3	5	5	4	3	10	10	10	0	3	5	5	4	3	10	0	3	6	10	13	10	12	8	8	8	8	8	8	8	8	8	8	8	8	8									
Poland	1	12	25	33	27	17	14	0	9	13	11	5	3	4	4	4	0	9	13	11	5	3	4	1	10	19	22	16	10	8	8	8	8	8	8	8	8	8	8	8	8	8										
Portugal	1	44	115	150	124	69	20	2	24	42	30	22	12	11	11	11	0	24	42	30	22	12	11	1	35	79	88	69	37	15	15	15	15	15	15	15	15	15	15	15	15	15										
Republic of Moldova	2	45	73	106	120	80	44	2	42	44	30	22	19	25	25	25	0	42	44	30	22	19	25	2	44	59	68	70	47	33	33	33	33	33	33	33	33	33	33	33	33											
Romania	0	20	53	60	60	43	18	0	13	20	16	12	7	6	6	6	0	13	20	16	12	7	6	0	16	37	37	34	22	10	10	10	10	10	10	10	10	10	10	10	10	10										
Russian Federation	1	12	12	16	24	17	23	0	11	10	7	6	8	18	18	18	1	11	10	7	6	8	18	1	11	11	11	15	12	20	20	20	20	20	20	20	20	20	20	20	20	20										
San Marino	1	2	2	5	7	11	7	0	1	1	1	2	1	1	1	1	0	1	1	1	2	1	1	5	0	2	2	3	4	6	6	6	6	6	6	6	6	6	6	6	6	6										
Serbia	0	2	3	6	8	6	5	0	4	5	3	1	3	10	10	10	0	4	5	3	1	3	10	0	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4									
Slovakia	0	1	3	9	9	8	5	6	1	5	7	4	2	1	2	2	0	5	7	4	2	1	2	1	5	6	6	5	3	3	3	3	3	3	3	3	3	3	3	3	3	3										
Slovenia	0	1	3	2	1	0	2	0	2	2	1	0	0	1	1	1	0	2	2	1	0	0	1	0	1	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									
Spain	0	2	3	2	1	2	2	0	2	3	2	1	0	0	0																																					

Table A3.10 Number of TB cases notified, Europe, 1980–2006

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
Albania	1 050	954	978	881	975	916	989	915	759	695	653	628	24	21	15	24	707	641	694	733	604	555	594	543	547	506	469	
Andorra																												
Armenia	756	624	759	702	774	768	832	766	651	430	560	741	256	560	753	1 157	1 230	1 384	1 455	1 488	1 333	1 389	1 433	1 538	1 660	2 206	1 767	
Austria	2 191	2 061	1 942	1 825	1 765	1 442	1 377	1 380	1 402	1 334	1 521	1 426	1 354	1 287	1 264	1 481	1 290	1 394	1 302	1 185	1 165	1 013	1 044	946	895	928	855	
Azerbaijan	3 080	3 160	3 477	3 176	3 006	3 772	3 804	3 677	3 340	2 989	2 620	2 771	2 821	3 036	2 480	4 363	4 654	4 362	4 054	3 672	4 654	5 187	4 802	3 840	5 404	6 004	5 705	
Belarus	5 954	6 198	5 468	5 509	5 065	4 873	4 128	3 911	3 769	3 708	3 039	3 745	2 414	4 134	4 348	4 854	5 998	5 985	6 100	7 339	6 799	5 505	5 139	5 106	5 443	5 308	5 142	
Belgium	2 687	2 837	2 652	2 190	2 149	1 956	1 893	1 772	1 688	1 648	1 577	1 462	1 335	1 503	1 521	1 380	1 348	1 263	1 203	1 124	1 278	1 321	1 211	1 030	1 128	1 076	1 043	
Bosnia & Herzegovina	4 421	4 376	4 478	4 468	4 691	4 666	4 605	4 522	4 393	4 176	4 073	3 546	6 000	6 800	6 995	2 132	2 220	2 869	2 741	2 923	2 476	2 469	1 691	1 740	2 353	2 111	1 778	
Bulgaria	3 280	3 007	2 999	2 892	2 856	2 552	2 530	2 352	2 302	2 256	2 006	2 066	3 096	3 213	5 296	3 245	3 109	3 447	3 530	3 349	3 862	3 335	3 069	3 025	3 225	3 136		
Croatia	3 999	4 021	3 718	3 632	3 612	3 605	3 355	3 326	2 973	2 861	2 576	2 158	2 189	2 279	2 217	2 114	2 174	2 054	2 118	1 765	1 630	1 376	1 443	1 356	1 170	1 050	1 029	
Cyprus	69	69	86	73	39	61	48	35	39	23	29	43	39	37	37	36	24	47	45	39	37	40	20	35	30	34	36	
Czech Republic	4 962	4 312	4 146	4 016	3 653	3 117	2 553	2 196	2 047	1 905	1 937	2 079	1 968	1 864	1 960	1 834	1 969	1 834	1 805	1 516	1 414	1 291	1 156	1 101	1 027	973	941	
Denmark	430	394	378	348	302	312	299	322	304	328	350	334	358	411	495	448	484	554	529	567	567	494	403	378	356	395	341	
Estonia	614	560	563	587	546	541	522	446	471	422	423	406	403	532	624	664	683	744	820	754	791	708	620	557	537	479	422	
Finland	2 247	2 204	2 170	1 882	1 791	1 819	1 546	1 419	1 078	970	772	771	700	542	553	621	645	573	629	565	527	460	449	392	319	339	280	
France	17 199	16 459	15 425	13 831	12 302	11 290	10 535	10 241	9 191	9 029	8 030	8 510	8 605	9 551	9 083	8 723	7 656	6 832	6 032	6 122	5 814	5 709	5 740	5 004	4 887	4 817		
Georgia	2 098	2 124	2 169	1 891	1 865	1 822	1 833	1 810	1 698	1 609	1 637	2 130	3 741	4 195	3 522	3 522	3 446	3 902	4 793	4 397	4 008	4 490	4 212	4 011	4 501	4 554		
Germany	29 991	27 083	25 397	22 977	20 243	20 074	17 905	17 102	16 282	15 385	14 653	13 474	14 113	14 161	12 982	12 168	11 814	11 163	10 440	9 974	9 064	6 959	6 931	6 526	6 007	5 539	5 021	
Greece	5 472	7 334	5 193	3 880	1 956	1 956	1 566	1 193	907	1 068	877	762	920	1 020	939	945	767	1 152	936	703	503	571	668	626	580	560		
Hungary	5 472	5 322	5 181	5 028	4 472	4 852	4 522	4 125	4 016	3 769	3 588	3 658	3 960	4 209	4 163	4 339	4 403	4 240	3 999	3 532	3 073	2 923	2 720	2 507	2 251	1 808	1 667	
Iceland	25	23	25	24	26	13	13	12	16	18	18	15	15	16	11	18	12	11	10	17	10	13	12	8	5	11	10	
Ireland	1 152	1 018	975	924	837	804	602	581	534	672	624	640	604	588	544	458	434	416	424	455	386	393	375	354	380	387	416	
Israel	249	227	232	222	257	368	239	184	226	160	234	505	345	419	395	398	369	422	656	490	557	546	485	505	497	402	384	
Italy	3 311	3 182	3 850	4 253	3 472	4 113	4 077	3 278	3 610	3 996	4 246	3 719	4 685	4 734	5 816	5 627	4 155	4 596	5 727	4 429	3 501	4 287	3 925	4 234	3 968	3 828	4 145	
Kazakhstan	14 442	13 876	13 908	13 357	12 563	12 423	13 090	13 286	13 501	13 307	10 969	10 821	10 920	10 425	10 519	11 310	13 944	16 109	20 623	24 979	25 843	26 224	27 546	26 936	26 493	25 739	23 728	
Kyrgyzstan	1 973	2 085	2 051	1 981	2 022	2 094	2 122	2 088	2 159	2 132	2 306	2 515	2 582	2 427	2 726	3 393	4 093	5 189	5 706	6 376	6 205	6 654	6 613	6 172	6 104	6 329	6 174	
Latvia	1 194	1 140	1 077	1 072	1 054	1 223	982	948	938	857	906	943	965	984	1 131	1 541	1 761	2 003	2 182	1 891	1 982	2 000	1 803	1 686	1 579	1 409	1 290	
Lithuania	1 636	1 599	1 495	1 477	1 420	1 453	1 412	1 372	1 339	1 381	1 471	1 556	1 588	1 895	2 135	2 362	2 608	2 926	3 016	2 800	2 657	2 444	2 566	2 036	2 114	2 365		
Luxembourg	71	45	41	41	46	42	45	48	46	45	48	48	25	35	32	32	41	38	44	37	44	31	31	54	31	37	33	
Malta	24	26	13	24	15	11	14	14	14	14	16	13	26	30	26	25	25	28	11	16	22	16	24	6	18	21	30	
Monaco	1	0	0	0	0	1	2	2	2	1	1	0	1	1	1	1	1	0	0	0	3	0	0	0	0	0	0	
Montenegro																												
Netherlands	1 701	1 734	1 514	1 423	1 400	1 362	1 238	1 227	1 341	1 317	1 389	1 345	1 465	1 587	1 811	1 619	1 678	1 486	1 341	1 388	1 244	1 408	1 355	1 282	1 316	1 127	1 002	
Norway	489	461	448	396	373	374	343	307	294	285	285	280	286	286	242	236	217	205	244	213	221	276	243	320	278	269	276	
Poland	25 807	24 087	23 685	23 411	22 527	21 650	20 603	19 757	18 537	16 185	16 136	16 496	16 551	16 828	16 653	15 958	15 368	13 967	13 302	12 168	10 931	10 153	10 069	9 677	8 698	8 203	8 017	
Portugal	6 873	7 249	7 909	7 052	6 908	6 889	6 624	7 099	6 363	6 664	6 214	5 990	5 927	5 447	5 619	5 577	5 248	5 110	5 520	4 599	4 227	4 320	4 381	3 861	3 600	3 303	3 218	
Republic of Moldova	2 781	2 852	3 197	2 858	2 554	2 732	3 022	2 810	2 510	2 281	1 728	1 910	1 835	2 426	2 626	2 925	2 922	2 908	2 625	2 711	2 935	3 608	3 769	3 619	3 806	5 141	4 990	
Romania	13 553	13 602	13 570	12 952	12 677	12 677	12 866	13 361	14 137	14 676	16 256	15 482	18 097	20 349	21 422	23 271	24 189	23 903	25 758	26 107	27 470	28 580	28 752	28 335	28 570	26 104	24 295	
Russian Federation	74 270	73 369	72 538	73 280	74 597	64 644	71 764	70 132	67 553	62 987	50 641	50 447	53 148	63 591	70 822	84 980	110 075	119 123	110 935	134 360	140 677	132 477	128 873	124 041	121 426	127 930	124 689	
San Marino	6 232	6 381	6 274	6 443	6 454	6 246	6 126	6 042	5 583	5 045	4 194	4 502	3 771	3 843	3 606	2 798	4 017	4 062	3 028	2 646	2 864	4 556	4 232	3 895	3 600	3 208	3 146	
Slovakia	2 465	2 304	2 263	2 252	2 152	1 989	2 022	1 830	1 651	1 501	1 448	1 620	1 733	1 799	1 760	1 540	1 503	1 298	1 282	1 100	1 010	986	975	904	664	710	673	
Slovenia	1 065	939	982	925	896	923	816	792	760	768	722	583	640	646	526	525	563	481	449	423	368	359	338	275	249	269	207	
Spain	4 853	5 552	7 981	8 987	10 078	10 749	13 755	9 468	8 497	8 058	7 600	9 007	9 703	9 441	8 764	8 331	9 347	8 927	8 393	7 993	6 851	7 283	7 343	6 015	7 281	7 815		
Sweden	926	875	784	832	754	702	640	545	536	595	557	521	610	610	537	564	497	456	446	479	417	394	375	386	416	539	489	
Switzerland	1 160	1 193	1 167	1 097	946	961	881	1 018	1 201	1 104	1 278	1 134	987	930	924	830	765	747	750	756	544	539	591	554	528	508	461	
Tajikistan	2 647	2 631	2 628	2 589	2 427	2 465	2 610	2 727	2 474	2 621	2 460	2 116	1 671	1 652	882	2 028	1 647	1 443	2 448	2 553	2 779	3 508	4 082	4 260	4 529	5 460	5 362	
TFR Macedonia																												
Turkey	36 716	39 992	26 457	28 634	27 589	30 960	31 029	30 531	27 884	26 669	24 468	25 166																

Table A3.11 Case notification rates, Europe, 1980–2006

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
Albania	39	35	35	31	34	31	33	29	24	21	20	19	19	19	22	20	24	21	22	24	20	18	19	17	17	16	15	
Andorra	24	29	24	22	24	23	24	22	19	18	17	21	17	17	23	36	29	33	47	48	43	45	47	51	55	73	59	
Armenia	29	27	26	24	23	24	22	18	16	17	20	16	17	16	16	16	16	17	16	13	15	12	13	12	11	11	10	
Austria	50	51	49	53	57	56	53	48	42	36	38	38	40	37	21	31	58	58	58	64	60	60	62	46	65	72	68	
Azerbaijan	62	64	56	56	51	49	41	39	37	36	30	36	23	40	42	47	55	59	61	73	68	55	52	52	55	54	53	
Belarus	27	29	27	22	20	19	18	17	16	15	13	15	12	13	15	15	13	12	11	12	11	13	12	10	11	10	10	
Belgium	113	111	117	111	115	113	110	106	94	96	95	85	15	18	45	62	65	83	76	79	65	64	44	45	60	54	45	
Bosnia & Herzegovina	37	34	34	32	32	29	28	26	27	26	26	20	36	36	63	39	38	42	51	44	42	49	42	39	39	42	41	
Croatia	91	91	84	82	81	81	75	74	66	64	57	47	48	49	48	45	47	44	46	39	36	31	32	30	26	23	23	
Cyprus	11	11	14	12	6	9	7	5	6	3	4	6	6	6	5	5	3	6	5	4	5	2	4	4	4	4	4	
Czech Republic	48	42	40	39	35	30	25	21	20	18	19	20	19	18	19	18	19	18	18	16	14	13	11	11	10	10	9	
Denmark	8	8	7	6	6	6	6	6	6	6	6	6	7	6	7	8	9	9	11	10	11	9	8	7	7	7	6	
Estonia	42	38	38	39	36	35	34	29	30	27	27	26	26	26	36	43	48	53	59	55	58	52	46	41	40	36	31	
Finland	47	46	45	39	37	37	31	29	22	20	15	15	14	11	11	13	13	11	12	11	10	9	9	8	6	6	5	
France	32	30	28	25	22	20	19	18	16	16	16	15	15	15	17	16	15	13	12	10	10	10	10	10	10	8	8	
Georgia	41	42	42	36	35	34	34	29	29	29	28	28	40	72	32	32	32	31	173	131	100	83	86	97	92	89	101	103
Germany	38	35	33	30	26	26	23	22	21	19	18	17	18	18	16	15	14	14	13	12	12	11	8	8	7	7	6	
Greece	56	75	53	39	20	16	16	12	9	11	9	7	9	9	9	9	7	11	11	9	6	5	5	5	6	6	5	
Hungary	51	50	48	47	42	46	43	39	38	36	35	35	36	38	41	40	42	43	41	39	34	30	29	27	25	22	18	17
Iceland	11	10	11	10	11	5	5	5	6	7	7	6	6	4	7	4	4	4	4	6	4	5	4	3	2	4	3	4
Ireland	34	30	28	26	24	23	17	16	15	19	18	18	17	17	15	13	12	11	11	12	10	10	10	9	9	9	10	
Israel	7	6	6	6	6	6	6	4	5	4	5	11	7	8	8	10	10	7	7	11	8	9	7	8	8	6	6	
Italy	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
Kazakhstan	97	92	91	87	81	79	82	82	83	81	66	66	66	66	65	71	89	104	135	166	173	176	184	179	175	169	155	
Kyrgyzstan	54	56	54	51	51	52	52	50	51	49	52	57	58	54	60	74	88	110	119	131	125	133	131	121	118	122	117	
Latvia	48	45	43	42	41	47	38	36	35	32	34	36	37	39	45	62	72	82	90	79	83	85	77	72	68	61	56	
Lithuania	48	47	43	42	40	41	39	38	37	38	40	42	43	52	58	65	72	82	85	79	76	75	70	75	70	62	69	
Luxembourg	19	12	11	11	13	11	12	13	4	12	13	12	6	9	8	8	10	9	10	9	10	7	7	12	7	8	7	
Malta	7	8	4	7	4	3	4	4	3	4	4	4	7	6	7	3	7	3	4	4	6	4	4	6	2	4	5	7
Monaco	4	0	0	0	4	7	7	7	3	3	3	3	0	3	3	3	0	0	0	0	0	0	0	0	0	0	0	0
Montenegro	12	12	11	10	10	9	8	8	8	9	9	9	9	10	10	12	10	11	9	9	8	8	8	8	8	8	28	
Netherlands	12	11	11	10	9	9	8	7	7	7	6	7	7	7	6	6	5	5	5	6	5	5	6	5	7	6	6	
Norway	73	67	65	64	61	58	55	52	49	43	42	43	43	44	43	41	40	36	35	32	28	26	26	25	23	21	21	
Poland	70	74	74	71	69	69	66	71	64	67	62	60	59	55	56	56	52	51	52	45	41	42	42	37	34	31	30	
Portugal	69	70	78	69	61	65	71	65	58	52	39	43	42	55	60	67	67	68	62	65	71	88	93	91	122	133	130	
Republic of Moldova	61	61	61	60	57	56	56	58	61	63	70	67	78	89	94	103	107	106	115	117	124	130	136	130	132	121	113	
Romania	54	53	51	52	52	45	50	48	46	43	34	34	36	43	47	57	75	80	75	91	95	90	88	85	84	89	87	
Russian Federation	65	66	65	66	66	63	62	61	56	50	41	44	36	36	34	26	37	37	28	24	24	27	42	40	37	34	33	
San Marino	50	46	45	44	42	39	39	35	32	29	28	31	33	33	33	29	28	24	24	20	19	18	18	17	12	13	12	
Slovakia	59	51	53	50	48	49	43	42	40	40	37	30	33	33	33	27	27	29	24	23	21	19	18	17	14	12	13	10
Slovenia	13	15	21	24	26	26	36	25	22	21	20	23	25	24	26	22	21	24	23	21	20	17	18	17	14	17	18	
Spain	11	11	9	10	9	8	8	6	6	7	7	6	7	7	6	6	6	5	5	5	5	4	4	4	4	5	6	5
Sweden	18	19	18	17	15	15	13	15	18	16	16	19	16	14	13	12	11	10	10	10	10	7	7	8	8	7	6	
Switzerland	67	65	63	58	55	54	55	56	49	51	46	39	30	12	16	35	28	36	41	42	45	56	64	67	70	83	81	
Tajikistan																												
TR Macedonia																												
Turkey	79	84	54	57	54	59	58	56	50	47	43	43	43	43	37	32	40	39	33	26	25	26	25	24	27	27		
Turkmenistan	59	55	52	50	51	50	49	58	55	61	63	62	53	69	46	49	79	87	92	90	86	79	80	71	66	66		
Ukraine	52	51	49	48	48	47	45	43	40	39	32	32	35	39	40	42	46	56	56	67	67	76	84	78	81	84	89	
United Kingdom	19	16	15	14	12	12	12	10	10	11	10	11	11	11	11	11	11	11	11	11	11	11	10	12	11	14	13	
Uzbekistan	57	59	52	51	48	48	51	51	52	53	46	44	44	44	66	43	51	56	61	62	64	69	81	80	77	81	89	
<b>EUR</b>	<b>44</b>	<b>43</b>	<b>40</b>	<b>39</b>	<b>38</b>	<b>36</b>	<b>35</b>	<b>33</b>	<b>33</b>	<b>32</b>	<b>29</b>	<b>27</b>	<b>29</b>	<b>28</b>	<b>28</b>	<b>33</b>	<b>37</b>	<b>41</b>	<b>40</b>	<b>43</b>	<b>42</b>	<b>43</b>	<b>41</b>	<b>40</b>	<b>41</b>	<b>41</b>		

Rates are per 100 000 population. From 1995 on, number shown is notification rate of new and relapse cases. For notification rates including re-treatment cases in years prior to 2006 please see www.eurotb.org. The table includes updated information; data shown here may differ from those published in previous reports. Data can be downloaded from www.who.int/tb

Table A3.12 New smear-positive cases notified, numbers and rates, Europe, 1993-2006

	Number of cases																	Rate (per 100 000 population)																
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006						
Albania	250	139	173	241	212	168	171	171	171	225	211	201	196	186	25	8	4	6	8	7	5	6	6	7	7	6	6	6						
Andorra	15	24	8	17	4	1	1	3	2	7	7	3	5	8	38	38	10	14	10	13	15	19	20	19	17	19	20	19						
Armenia	319	436	327	400	475	576	621	572	511	575	602	581	580	580	10	10	14	10	13	15	19	20	19	17	19	20	19	19						
Austria	487	442	434	381	323	324	262	220	269	216	234	213	213	213	7	7	9	13	12	9	9	11	11	20	14	18	19	17						
Azerbaijan	1493	1775	1845	2117	2273	5047	2769	2547	2341	1018	1018	1099	1235	1072	15	17	18	21	22	22	50	27	25	23	10	11	13	11						
Belarus	484	427	400	364	434	418	403	409	472	419	362	391	380	343	5	4	4	4	4	4	4	4	5	4	4	4	4	4						
Bosnia & Herzegovina	865	927	803	640	786	759	800	526	493	889	889	640	562	562	37	37	13	11	13	16	21	32	11	13	16	17	16	17						
Bulgaria	3 096	1 087	903	1 037	1 325	1 697	2 524	4 821	1 007	1 254	1 315	1 214	1 307	1 307	26	26	26	26	23	25	17	0	9	10	10	9	8	9						
Croatia	1 204	1 228	1 073	1 129	746	0	421	437	438	416	416	10	9	8	5	5	5	6	5	5	4	4	4	3	3	3	3	3						
Cyprus	6	3	19	20	9	4	0	8	14	10	10	9	8	8	5	5	5	6	5	5	4	4	4	3	3	3	3	3						
Czech Republic	548	524	487	586	481	545	449	420	391	329	338	302	308	257	5	5	2	2	2	2	2	3	3	3	3	3	3	3						
Denmark	243	120	128	97	114	132	172	171	127	135	143	146	129	123	20	24	26	17	19	22	20	19	16	15	15	15	12	11						
Estonia	303	347	369	240	269	289	274	255	212	203	201	203	162	147	8	6	6	5	4	4	4	3	4	3	2	3	2	2						
Finland	244	240	240	186	168	179	205	150	150	138	124	130	164	164	6	5	5	5	5	4	4	4	3	4	3	2	2	2						
France	4 455	3 196	3 449	3 002	2 430	2 325	1 815	2 328	2 276	2 219	1 923	1 941	1 911	1 911	8	6	6	5	4	4	4	4	3	4	4	4	3	3						
Georgia	221	482	595	547	746	601	1 014	987	989	1 311	1 509	1 831	1 831	1 831	4	4	4	4	4	4	4	4	4	4	4	4	4	4						
Germany	4 730	4 177	3 852	3 689	3 348	3 124	2 918	0	1 935	1 868	1 679	1 562	1 379	1 303	6	5	5	5	5	4	4	4	0	2	2	2	2	2						
Greece	1 905	1 357	796	1 066	702	667	660	412	546	556	526	560	423	422	18	13	8	10	7	6	6	6	4	5	5	6	4	4						
Hungary	6	2	1	4	2	2	2	1	3	2	1	2	2	4	4	2	1	1	1	1	1	1	0	1	1	1	1	1						
Iceland	339	123	116	117	138	123	100	141	127	130	133	130	133	133	3	2	2	3	4	4	4	3	4	3	4	3	3	3						
Ireland	150	129	147	207	221	170	17	172	164	150	91	98	72	72	3	2	3	2	3	4	4	3	0	3	2	1	1	1						
Israel	1 441	1 413	1 738	1 903	2 361	1 977	687	1 361	1 275	1 481	1 058	1 275	1 377	1 377	15	15	15	15	15	15	15	15	15	15	15	15	15	15						
Italy	3 022	4 290	4 332	6 180	6 977	8 903	9 079	9 452	8 665	7 927	6 911	6 205	6 205	6 205	19	27	27	28	28	41	46	60	61	63	68	52	45	41						
Kazakhstan	681	832	991	1 536	1 642	1 296	0	1 587	1 643	1 761	1 972	1 833	1 833	1 833	15	18	21	33	17	34	26	0	31	32	34	38	35							
Kyrgyzstan	470	504	575	634	668	588	637	661	636	641	582	536	498	498	18	20	20	23	26	28	25	27	28	27	28	25	23	22						
Latvia	688	979	1 121	1 200	757	787	776	935	822	912	863	964	1 025	1 025	19	19	27	31	34	22	22	22	27	24	26	25	28	30						
Lithuania	13	6	5	5	3	6	9	5	3	5	2	2	5	4	4	2	1	1	1	1	1	2	1	1	1	1	1	1						
Luxembourg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	4	2	1	1	1	1	1	1	1	1	1	1	1						
Malta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	2	1	1	1	1	1	2	1	1	1	1	1	1						
Monaco	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	4	4	2	2	2	2	2	2	2	2	2	2	2						
Montenegro	1 063	575	358	312	254	308	289	307	330	282	360	237	203	203	2	2	2	2	2	2	2	2	2	2	2	2	2	2						
Netherlands	86	62	103	100	49	21	37	59	31	52	50	48	46	46	2	1	2	2	2	1	0	1	1	1	1	1	1	1						
Norway	7 606	4 000	6 955	6 819	3 497	3 502	3 177	3 180	3 155	3 060	2 983	2 777	2 823	2 835	20	10	18	18	18	9	9	8	8	8	8	8	7	7						
Poland	2 072	2 019	1 938	1 628	2 016	1 801	1 863	2 042	1 976	1 742	1 514	1 302	1 300	1 300	21	20	20	19	16	20	18	18	20	19	17	14	12	12						
Portugal	615	704	665	219	397	477	609	651	1 060	1 146	1 214	1 536	1 696	1 679	14	16	15	5	9	11	14	16	26	28	31	39	44	44						
Republic of Moldova	9 339	10 385	10 469	10 359	11 666	10 841	10 317	10 202	11 184	10 703	10 418	10 888	10 801	9 814	41	46	46	46	52	49	46	46	46	46	46	50	50	46						
Romania	30 389	37 512	42 534	42 094	42 219	21 744	27 467	26 605	27 865	28 868	30 890	32 605	32 335	32 335	20	25	25	29	28	28	28	15	19	18	19	20	21	23						
Russian Federation	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
San Marino	1 497	1 783	1 702	1 873	2 517	0	461	402	611	1 244	1 105	1 136	1 136	1 136	882	409	788	760	283	303	246	236	202	200	157	162	160	160						
Serbia	361	294	303	221	156	157	165	145	139	130	116	89	109	83	19	15	15	11	8	8	8	9	7	7	6	4	5	4						
Slovakia	312	106	102	90	94	97	117	118	105	109	109	120	134	106	4	1	1	1	1	1	1	1	1	1	1	1	1	1						
Slovenia	528	507	185	172	144	165	98	118	116	123	107	119	108	112	8	7	3	2	2	2	2	2	2	2	2	2	2	2						
Spain	1 042	232	373	435	0	434	719	687	0	1 058	1 745	2 051	2 051	2 051	17	8	15	14	5	6	5	4	4	4	4	3	3	3						
Sweden	312	106	102	90	94	97	117	118	105	109	109	120	134	106	4	1	1	1	1	1	1	1	1	1	1	1	1	1						
Switzerland	528	507	185	172	144	165	98	118	116	123	107	119	108	112	8	7	3	2	2	2	2	2	2	2	2	2	2	2						
Tajikistan	1 042	232	373	435	0	434	719	687	0	1 058	1 745	2 051	2 051	2 051	17	8	15	14	5	6	5	4	4	4	4	3	3	3						
TFR Macedonia	319	209	192	179	122	167	164	200	200	200	178	178	178	178	4	1	1	1	1	1	1	1	1	1	1	1	1	1						
Turkey	4 383	2 816	3 439	3 692	4 124	4 315	4 444	0	5 816	5 870	7 450	7 866	7 866	7 866	12	13	13	13	18	18	22	23	27	27	27	23	21	24						
Turkmenistan	472	544	557	764	790	964	1 017	1 243	1 254	1 197	1 103	995	1 155	1 155	16	17	16	15	19	21	21	22	22	20	0	27	0	31						
Ukraine	8 314	8 471	8 263	7 827	9 533	10 586	10 412	10 738	0	12 785	0	14 206	14 206	14 206	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
United Kingdom	283	270	414	844	1 342	797	1 204	946	1 365	1 455	1 693	1 821	1 767	1 767	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Uzbekistan	7 487	2 735	3 350	3 398	3 504	3 977	3 825	4 608	4 783	4 690	5 119	5 695	7 211	7 211	5	5	10	12	14	14	15	16	15	18	19	18	20	21						
EUR	45 771	83 568	104 444	110 614	106 700	111 772	89 199	94 275	86 239	83 455	101 657	92 233	96 101	109 901	5	5	10	12	14	14	15	16	15	18	19	18	20	21						

Rates are per 100 000 population. The table includes updated information; data shown here may differ from published in previous reports. Data can be downloaded from [www.who.int/tb](http://www.who.int/tb)

# Notes

## **Azerbaijan**

The numbers shown under “DST new cases” and “Re-treatment DST” in table A3.4 include only those cases for whom samples were sent to the supranational laboratory in Germany.

## **Denmark**

Data for Denmark exclude Greenland. A total of 73 TB cases were notified in Greenland for 2006 (128 per 100 000 population). No MDR-TB cases were identified in Greenland.

## **Italy**

Notification data not available for re-treatment cases.

Treatment outcomes were reported by only 5 regions (Emilia-Romagna, Friuli-Venezia Giulia, Marche, Piemonte and Veneto), which together account for 34% of the TB notifications in Italy.

## **Montenegro**

Outcome monitoring is incomplete as reporting system was in pilot phase.

## **Russian Federation**

Number of new smear-positive cases registered under DOTS (shown in table A3.5) is more than number notified for 2005; included are cases registered for treatment in parts of the country which were classified as DOTS for the first time in 2006.