

EUROPE



Europe

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Turkey	Feyzullah Gümüşlü; Ülgen Gullu
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Ukraine	Olga Stelmakh; Elena Pavlenko; Oksana Smetanina, Inna Motrich
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Uzbekistan	Dilrabo Ulmasova; Gulnoz Uzakova; Nulifar Abdieva

This list shows the people named on the data collection form sent to WHO in 2008, not necessarily the current NTP manager. It is intended as an acknowledgement rather than a directory.

Table A3.1 Methods and assumptions for estimation of TB incidence, prevalence and mortality, Europe

Country	Reference year	Incidence est. based on	Trend	Source of estimates		CfR ss+ HIV-		Duration ss+HIV-		Duration ss+HIV+	
				TB/HIV	MDR (no. treat)	DOTS	non-DOTS	DOTS	non-DOTS	DOTS	non-DOTS
Albania	1997	Notif.	Country notifs, moving ave.	Model	Model	0.15	0.15	1	1.5	1	1.5
Andorra	1997	Notif.	Group, moving ave.	DRS	DRS	0.12	0.12	0.75	1	0.75	1
Armenia	1999	Comparison	Group, moving ave.	DRS	DRS	0.15	0.2	0.75	1	1.5	1.5
Austria	1997	Notif.	Group, moving ave.	DRS	DRS	0.12	0.12	0.75	0.75	0.75	0.75
Azerbaijan	1999	Comparison	Group, moving ave.	DRS	DRS	0.15	0.15	1	1.5	1	1.5
Belarus	1997	Notif.	Country notifs, moving ave.	Model	Model	0.15	0.15	1	1.5	1	1.5
Belgium	1997	Notif.	Country notifs, moving ave.	DRS	DRS	0.12	0.12	0.75	0.75	0.75	0.75
Bosnia & Herzegovina	1997	Notif.	Group, moving ave.	DRS	DRS	0.15	0.15	1	1.5	1	1.5
Bulgaria	1997	Notif.	Country notifs, moving ave.	Model	Model	0.15	0.15	1	1.5	1	1.5
Croatia	1997	Notif.	Group, moving ave.	DRS	DRS	0.15	0.15	1	1.5	1	1.5
Cyprus	1997	ARI	Group, moving ave.	Model	Model	0.1	0.1	1	1.5	1	1.5
Czech Republic	1997	Notif.	Country notifs, moving ave.	DRS	DRS	0.12	0.12	1	1	1	1
Denmark	1997	Notif.	Group, moving ave.	DRS	DRS	0.12	0.12	0.75	0.75	0.75	0.75
Estonia	2002	Notif.	Country notifs, moving ave.	DRS	DRS	0.15	0.15	1	1.5	1	1.5
Finland	1997	Notif.	Country notifs, moving ave.	DRS	DRS	0.12	0.12	0.75	0.75	0.75	0.75
France	1997	Notif.	Group, moving ave.	DRS	DRS	0.12	0.12	0.75	0.75	0.75	0.75
Georgia	1997	Notif.	Group, moving ave.	DRS	DRS	0.15	0.2	1	1.5	1	1.5
Germany	1997	Notif.	Group, moving ave.	DRS	DRS	0.12	0.12	0.75	0.75	0.75	0.75
Greece	1997	Notif.	Group, moving ave.	Model	Model	0.12	0.12	0.75	0.75	0.75	0.75
Hungary	1999	Notif.	Country notifs, moving ave.	Model	Model	0.15	0.15	1	1.5	1	1.5
Iceland	1997	Notif.	Country notifs, moving ave.	DRS	DRS	0.12	0.12	0.75	0.75	0.75	0.75
Ireland	1999	Notif.	Country notifs, moving ave.	DRS	DRS	0.12	0.12	0.75	0.75	0.75	0.75
Israel	2004	Notif.	Group, moving ave.	DRS	DRS	0.12	0.12	0.75	0.75	0.75	0.75
Italy	1997	Notif.	Group, moving ave.	DRS	DRS	0.12	0.12	0.75	0.75	0.75	0.75
Kazakhstan	1999	Comparison	Country notifs, moving ave.	DRS	DRS	0.15	0.15	1	1.5	1	1.5
Kyrgyzstan	1999	Comparison	Country notifs, moving ave.	Model	Model	0.15	0.15	1	1.5	1	1.5
Latvia	1997	Notif.	Country notifs, moving ave.	DRS	DRS	0.15	0.15	1	1.5	1	1.5
Lithuania	1997	Notif.	Country notifs, moving ave.	DRS	DRS	0.15	0.15	1	1.5	1	1.5
Luxembourg	1997	Notif.	Group, moving ave.	DRS	DRS	0.12	0.12	0.75	0.75	0.75	0.75
Malta	1997	Notif.	Group, moving ave.	DRS	DRS	0.12	0.12	0.75	0.75	0.75	0.75
Moldova	2000	Notif.	Group, moving ave.	Model	Model	0.12	0.12	0.75	0.75	0.75	0.75
Montenegro	1997	Notif.	Group, moving ave.	Model	Model	0.15	0.15	1	1.5	1	1.5
Netherlands	1997	Notif.	Group, moving ave.	DRS	DRS	0.12	0.12	0.75	0.75	0.75	0.75
Norway	1999	Notif.	Group, moving ave.	DRS	DRS	0.12	0.12	0.75	0.75	0.75	0.75
Poland	1997	Notif.	Country notifs, moving ave.	DRS	DRS	0.15	0.15	1	1.5	1	1.5
Portugal	1997	Notif.	Country notifs, moving ave.	DRS	DRS	0.12	0.12	0.75	0.75	0.75	0.75
Republic of Moldova	1999	Comparison	Group, moving ave.	DRS	DRS	0.15	0.15	1	1.5	1	1.5
Romania	1997	Notif.	Country notifs, moving ave.	DRS	DRS	0.15	0.15	1	1.5	1	1.5
Russian Federation	1995	Notif.	Country notifs, moving ave.	DRS	DRS	0.15	0.2	1	1.5	1	1.5
San Marino	1997	Notif.	Group, moving ave.	Model	Model	0.12	0.12	0.75	0.75	0.75	0.75
Serbia	1997	Notif.	Group, moving ave.	DRS	DRS	0.15	0.15	1	1.5	1	1.5
Slovakia	1997	Notif.	Country notifs, moving ave.	DRS	DRS	0.15	0.2	1	1.5	1	1.5
Slovenia	1997	Notif.	Country notifs, moving ave.	DRS	DRS	0.15	0.15	1	1.5	1	1.5
Spain	1997	Notif.	Group, moving ave.	DRS	DRS	0.12	0.12	0.75	0.75	0.75	0.75
Sweden	1999	Notif.	Country notifs, moving ave.	DRS	DRS	0.12	0.12	0.75	0.75	0.75	0.75
Switzerland	1997	Notif.	Country notifs, moving ave.	DRS	DRS	0.12	0.12	0.75	0.75	0.75	0.75
Tajikistan	1997	Notif.	Country notifs, moving ave.	Model	Model	0.15	0.15	1	1.5	1	1.5
TFYR Macedonia	1997	Notif.	Group, moving ave.	Model	Model	0.15	0.2	1	1.5	1	1.5
Turkey	1997	Notif.	Country notifs, moving ave.	Model	Model	0.15	0.15	1	1.5	1	1.5
Turkmenistan	1997	Notif.	Country notifs, moving ave.	DRS	DRS	0.15	0.15	1	1.5	1	1.5
Ukraine	1997	Notif.	Country notifs, moving ave.	DRS	DRS	0.15	0.15	1	1.5	1	1.5
United Kingdom	1999	Notif.	Country notifs, moving ave.	DRS	DRS	0.12	0.12	0.75	0.75	0.75	0.75
Uzbekistan	1997	Notif.	Country notifs, moving ave.	DRS	DRS	0.15	0.15	1	1.5	1	1.5

- indicates no estimate; ARI, annual risk of infection; ave, average; C-REC, capture re-capture; CDR, case detection rate; DRS, drug resistance survey; exp., exponential; HIV+, HIV-positive; HIV-, HIV-negative; Mort., mortality (vital registration); Notif(S), notification(s); Prev., disease prevalence survey; ss+, sputum smear-positive; ss-, sputum smear-negative. See Annex 2 (methods) for details. Data can be downloaded from www.who.int/tb

Table A3.3 Estimated incidence of TB (all forms) in all people, Europe, 1990–2007

	Number of cases																		Rate (per 100 000 population)																				
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007			
Albania	819	803	815	847	839	861	840	862	860	839	781	724	699	696	680	629	584	538	25	24	25	26	27	28	27	28	27	28	27	25	23	23	23	21	20	18	17		
Andorra	19	18	18	18	18	18	17	17	16	15	15	14	14	14	14	14	14	14	14	36	34	32	30	29	27	26	25	23	22	21	21	20	20	21	19	19	19		
Austria	1 173	1 114	1 152	1 232	1 338	1 501	1 678	1 815	1 956	2 067	2 178	2 209	2 190	2 169	2 157	2 168	2 171	2 171	33	32	33	37	41	47	53	58	63	67	71	72	71	71	71	72	72	72			
Belgium	1 801	1 712	1 643	1 554	1 501	1 438	1 395	1 353	1 299	1 223	1 172	1 133	1 126	1 086	1 069	1 058	1 047	1 035	22	22	21	20	19	18	17	16	15	14	14	13	13	13	13	13	13	12			
Bulgaria	3 548	3 461	3 873	4 100	5 018	5 750	6 188	6 732	7 329	7 653	7 385	6 558	5 924	5 902	6 365	6 978	6 944	5 910	38	34	36	40	49	54	60	65	72	76	73	66	60	60	61	61	61	61			
Croatia	1 997	1 864	1 832	1 857	1 877	1 811	1 701	1 625	1 530	1 536	1 586	1 623	1 518	1 436	1 384	1 310	1 235	1 205	20	19	18	17	16	15	14	13	12	11	10	9	8	7	7	7	7	7	7		
Cyprus	4 029	3 850	3 674	3 417	3 143	2 886	2 810	2 815	2 821	2 624	2 380	2 234	2 187	2 028	2 081	2 043	2 028	2 012	94	92	93	92	89	84	83	81	79	71	63	58	56	55	53	52	51	51			
Czech Republic	2 353	2 616	2 929	3 130	3 178	3 143	3 213	3 501	3 637	3 606	3 525	3 460	3 393	3 093	3 081	3 021	2 962	2 962	74	73	73	72	70	68	65	63	61	59	56	54	52	49	46	44	43	43	43		
Denmark	63	60	58	55	54	52	50	49	47	45	44	44	44	43	43	43	42	42	9	9	8	8	7	7	7	7	6	6	6	6	5	5	5	5	5	5	5		
Finland	779	737	746	703	687	687	687	687	687	687	687	687	687	687	687	687	687	687	21	21	21	20	20	20	20	20	20	20	19	17	15	14	13	12	11	10	10	10	
France	500	482	536	623	709	769	817	895	923	942	897	844	751	683	627	573	541	509	32	32	35	42	48	53	58	64	66	66	62	55	50	46	43	40	38	38	38		
Germany	874	780	701	625	611	647	654	643	615	599	540	500	453	404	365	326	320	313	18	16	14	12	12	13	13	13	12	12	10	10	9	8	7	6	6	6	6		
Greece	14 810	14 048	13 431	12 656	12 189	11 651	11 306	10 981	10 563	9 977	9 580	9 242	8 926	8 628	8 290	7 836	7 373	6 858	26	25	23	22	21	20	19	18	17	16	15	15	15	15	15	15	14	14	14		
Hungary	2 106	2 001	2 074	2 227	2 427	2 727	3 047	3 288	3 529	3 710	3 887	3 919	3 861	3 797	3 751	3 743	3 722	3 703	38	37	39	43	47	54	62	73	78	82	84	84	83	83	84	84	84	84	84		
Iceland	15 522	15 065	14 889	14 720	14 038	13 201	12 551	11 922	11 263	10 514	9 272	8 187	7 282	6 843	6 448	5 909	5 411	4 910	20	19	19	18	17	16	15	14	13	11	10	9	8	8	7	7	7	7	7		
Ireland	3 404	3 238	3 108	2 944	2 850	2 737	2 668	2 601	2 509	2 374	2 280	2 204	2 187	2 103	2 064	2 037	2 010	1 984	33	32	30	28	27	26	25	24	23	22	21	20	20	19	18	18	18	18	18		
Italy	4 254	4 328	4 569	4 765	4 912	4 988	5 017	4 885	4 548	4 096	3 681	3 367	3 149	2 889	2 536	2 220	1 945	1 672	41	42	44	46	48	48	47	44	44	44	44	44	44	44	44	44	44	44	44		
Latvia	861	831	819	777	712	639	582	567	576	563	549	514	500	494	489	489	489	489	24	24	23	22	20	18	16	15	14	13	12	12	12	12	12	12	12	12	12	12	
Lithuania	641	624	615	598	595	582	579	569	548	535	527	522	520	520	520	520	520	520	14	13	13	12	11	11	11	10	10	9	9	8	8	8	8	8	8	8	8	8	
Luxembourg	7 664	7 431	7 080	6 652	6 389	6 092	5 899	5 718	5 491	5 176	4 960	4 793	4 761	4 566	4 507	4 454	4 396	4 336	14	13	12	12	12	11	11	10	10	10	9	8	8	8	8	8	8	8	8	8	
Malta	9 647	9 988	8 836	8 750	8 858	9 834	11 374	13 932	16 953	19 594	21 110	21 813	22 121	22 120	21 725	20 850	20 374	19 894	58	54	54	55	62	72	90	111	130	141	146	148	144	144	137	133	129	129	129		
Monaco	2 412	2 568	2 610	2 680	2 957	3 532	4 382	5 186	5 980	6 341	6 672	6 753	6 743	6 551	6 449	6 449	6 449	6 451	55	58	58	59	65	77	94	110	125	130	135	133	128	125	124	123	121	121	121		
Montenegro	916	949	978	1 041	1 240	1 498	1 791	2 007	2 050	2 044	1 983	1 952	1 852	1 710	1 577	1 443	1 325	1 208	34	36	37	41	49	60	73	82	85	85	83	79	73	68	63	58	53	53	53		
Netherlands	1 472	1 545	1 687	1 880	2 134	2 372	2 637	2 854	2 916	2 826	2 687	2 558	2 535	2 347	2 247	2 175	2 241	2 305	40	42	46	51	58	65	73	80	82	80	77	73	68	65	63	62	62	62	62		
Norway	88	84	81	77	75	72	71	69	67	64	62	61	60	59	58	57	57	57	23	22	21	19	18	17	16	15	14	14	14	14	13	13	13	12	12	12	12	12	
Poland	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Portugal	2 115	2 009	1 923	1 815	1 751	1 677	1 632	1 590	1 534	1 453	1 397	1 354	1 348	1 300	1 279	1 265	1 250	1 234	14	13	13	12	11	11	10	10	10	10	9	9	8	8	8	8	8	8	8	8	
Republic of Moldova	19 858	20 008	20 280	20 356	20 117	19 579	19 424	17 342	16 042	14 805	13 524	12 677	12 162	11 570	10 811	10 136	9 860	9 584	52	52	53	63	52	51	48	45	42	38	35	32	32	30	28	27	26	25	25		
Romania	6 735	6 472	6 198	6 039	5 844	5 673	5 592	5 578	5 537	5 033	4 696	4 617	4 438	4 232	3 847	3 617	3 385	3 149	67	65	62	61	59	57	55	53	49	45	43	41	37	34	32	30	30	30			
Russian Federation	2 832	2 723	2 670	3 141	3 486	3 971	4 474	4 847	5 203	5 461	5 711	5 746	5 646	5 537	5 463	5 426	5 384	5 348	65	62	65	71	79	91	103	113	122	130	136	141	140	139	139	140	140	141	141		
San Marino	17 068	16 326	19 633	22 007	23 901	25 309	26 217	27 133	27 841	29 152	30 190	31 528	31 841	31 635	30 493	29 006	26 810	24 635	74	79	86	96	105	116	121	125	131	136	143	145	146	146	140	134	125	115	115		
Serbia	66 955	62 912	68 786	76 507	89 488	108 860	128 565	139 131	148 651	157 485	166 211	163 951	157 162	152 648	152 278	152 537	154 940	157 321	45	42	46	51	60	73	86	94	100	106	113	112	108	105	105	106	108	110	110		
Slovakia	6 010	6 004	6 114	6 130	6 028	5 776	5 685	5 605	5 434	4 876	4 294	3 946	3 803	3 658	3 546	3 220	3 190	3 160	59	58	59	58	56	53	52	51	50	45	40	37	36	35	34	33	32	32	32		
Slovenia	2 085	2 191	2 352	2 416	2 328	2 184	1 982	1 864	1 680	1 549	1 413	1 356	1 308	1 161	1 040	934	915	886	43	40	38	37	34	33	32	30	27	25	23	21	19	17	16	14	14	14	14		
Spain	21 644	20 469	19 516	18 346	17 633	16 827	16 305	15 820	15 219	14 405	13 896	13 563	13 640	13 315	13 255	13 242	13 189	13 103	56	53	50	47	45	43	41	40	38	36	35	33	32	31	31	31	31	31	31		
Sweden	584	599	620	626	610	567	539	497	480	476	458	421	410	418	418	418	418	418	7	7	7	7	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
Switzerland	1 253	1 212	1 088	1 013	957	899	835	806	803	731	656	596	600	596	567	534	497	460	18	18	16	14	14	13	12	11	11	10	9	8	8	8	8	8	8	8	8	8	
Tajikistan	5 927	5 148	3 668	2 651	2 918	3 742	4 777	5 113	5 862	6 385	7 250	8 477	9 697	10 536	11 683	12 591	14 042	15 542	1																				

Table A3.6 DOTS coverage, case notifications and case detection rates, Europe, 2007

	DOTS coverage %		New and relapse				TB cases reported from DOTS services				Re-treatment cases				New sputum lab. confirm.				Estimated incidence and case detection rate				Proportions												
	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	number	rate	number	rate	number	rate			
Albania	75	331	10	130	4	73	117	11	0	0	0	0	0	141	538	242	59	54	64	39	35	6	6	64	39	35	6	6	64	39	35				
Andorra	100	5	7	2	3	1	2	0	0	0	0	0	0	3	14	6	35	32	67	40	40	17	17	67	40	40	17	17	67	40	40				
Armenia	100	1 682	56	497	17	699	337	149	62	76	309	0	497	2 171	971	71	51	41	42	30	20	20	28	42	30	20	20	42	30	20	28				
Austria	100	811	10	189	2	486	136	0	0	0	0	0	441	1 035	462	78	41	51	28	23	17	7	7	28	23	17	7	28	23	17	7				
Azerbaijan	100	6 521	65	1 356	16	2 338	750	1 077	68	1 628	0	1 356	0	1 988	6 530	2 916	68	46	37	25	14	14	15	37	25	14	14	37	25	14	15				
Belarus	100	5 351	55	1 051	11	3 486	335	479	0	3 355	0	1 988	0	1 988	5 910	2 639	82	40	23	20	6	6	15	23	20	6	6	23	20	6	15				
Belgium	100	965	9	322	3	367	266	0	0	0	0	0	563	1 235	551	77	58	58	34	34	28	7	7	34	34	28	7	34	34	28	7				
Bosnia & Herzegovina	100	2 373	60	737	19	1 252	228	156	0	27	0	0	1 266	2 012	905	110	110	10	47	31	10	10	8	47	31	10	10	47	31	10	8				
Bulgaria	100	2 848	37	1 080	14	1 010	653	105	28	44	132	0	1 314	2 962	1 328	93	81	52	38	28	23	10	10	52	38	23	10	52	38	23	10				
Croatia	100	951	21	382	8	394	108	67	1	31	0	0	575	1 634	825	48	46	49	40	40	11	11	49	40	40	11	49	40	11	11					
Cyprus	100	790	8	267	3	407	116	0	0	81	0	0	478	893	401	88	67	40	34	20	15	2	2	40	34	20	15	2	40	34	20	15			
Czech Republic	100	365	7	135	2	137	83	0	0	36	0	0	216	438	196	81	69	50	38	23	9	9	50	38	23	9	50	38	23	9	50	38	23		
Denmark	100	442	33	167	13	198	31	46	2	18	11	0	296	509	221	78	76	46	38	7	7	16	16	46	38	7	7	46	38	7	16				
Estonia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	313	140	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Finland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8 548	3 786	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
France	100	4 310	96	1 867	42	984	1 234	245	231	169	1 200	2	1 979	3 703	1 664	110	113	66	43	29	31	31	31	66	43	29	31	66	43	29	31				
Georgia	100	4 609	6	1 163	1	2 326	977	123	11	36	316	46	2 725	4 510	2 198	91	54	34	26	21	10	10	10	34	26	21	10	34	26	21	10				
Germany	100	1 540	15	381	4	957	86	116	44	168	0	0	653	1 984	886	0	0	28	25	25	6	6	19	28	25	6	6	28	25	6	19				
Hungary	100	0	0	0	0	0	0	0	0	0	0	0	0	0	11	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Iceland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	567	253	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Ireland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	227	522	233	74	61	47	36	20	3	47	36	20	3	47	36	20	3	47	36	20	
Israel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4 336	1 923	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Italy	65	0	0	0	0	0	0	0	0	0	0	0	0	0	19 894	8 896	108	69	34	25	13	43	34	25	13	43	34	25	13	43	34	25	13		
Kazakhstan	100	24 667	160	6 146	40	12 015	3 283	3 213	2 142	1 554	9 444	0	7 130	19 894	8 896	108	69	44	28	29	16	16	44	28	29	16	44	28	29	16	44	28	29		
Kyrgyzstan	100	6 054	114	1 720	32	2 176	1 727	431	0	609	0	0	1 720	6 451	2 884	87	89	51	39	11	14	14	14	51	39	11	14	51	39	11	14	51	39	11	
Latvia	100	1 227	54	478	21	464	137	148	3	21	4	0	788	1 208	537	89	89	51	39	11	14	14	14	51	39	11	14	51	39	11	14	51	39	11	
Lithuania	100	2 235	66	925	27	779	278	253	42	129	2	0	1 218	2 305	1 032	86	90	54	41	12	12	18	18	54	41	12	12	54	41	12	12	54	41	12	
Luxembourg	100	1	0	0	0	1	0	0	0	0	0	0	0	57	25	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Malta	100	38	9	8	2	18	11	1	0	0	0	0	14	24	11	152	74	31	21	21	29	3	3	31	21	21	29	3	31	21	29	3	31	21	29
Monaco	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Montenegro	0	179	1	59	0	68	49	3	10	2	0	0	0	107	1 234	552	14	11	46	33	27	8	46	33	27	8	46	33	27	8	46	33	27	8	
Netherlands	100	282	6	36	1	128	116	0	0	0	24	0	138	261	117	108	33	23	23	13	41	8	23	13	41	8	23	13	41	8	23	13	41	8	
Norway	100	8 019	21	2 827	7	4 150	592	450	129	468	0	0	4 523	9 584	4 295	79	66	41	35	7	12	12	12	41	35	7	12	41	35	7	12	41	35	7	
Poland	100	2 952	28	1 173	11	908	735	136	4	98	69	4	1 784	3 149	1 355	89	87	56	40	25	10	10	56	40	25	10	56	40	25	10	56	40	25	10	
Portugal	100	4 857	128	1 610	42	2 043	513	691	364	314	832	0	1 940	5 348	2 387	78	67	44	33	11	11	35	44	33	11	44	33	11	44	33	11	44	33	11	
Republic of Moldova	100	29 590	105	9 425	44	6 543	3 284	3 398	1 174	982	745	0	10 456	24 636	11 026	78	85	59	42	15	24	24	24	59	42	15	24	59	42	15	24	59	42	15	
Romania	100	127 338	89	33 103	23	73 560	11 704	6 971	0	87 566	0	0	50 262	157 321	69 223	75	49	31	26	9	45	45	31	26	9	45	31	26	9	45	31	26	9	45	
Russian Federation	100	2 891	29	1 146	12	1 015	506	224	13	24	53	0	1 867	3 190	1 428	84	80	53	40	18	11	11	53	40	18	11	53	40	18	11	53	40	18	11	
Serbia	100	1 961	905	640	229	187	13	24	53	0	0	0	1 251	616	896	403	65	44	38	28	19	14	38	28	19	14	38	28	19	14	38	28	19	14	
Serbia (without Kosovo)	100	930	241	176	3	289	120	37	2	4	54	0	308	13 103	5 792	0	0	56	42	17	8	8	56	42	17	8	56	42	17	8	56	42	17	8	
Kosovo	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	
Slovakia	100	622	12	176	3	289	120	37	2	4	54	0	308	13 103	5 792	0	0	56	42	17	8	8	56	42	17	8	56	42	17	8	56	42	17	8	
Slovenia	100	212	11	90	4	71	37	14	1	3	2	0	148	259	116	77	77	56	42	17	8	8	56	42	17	8	56	42	17	8	56	42	17	8	
Slovenia (without Kosovo)	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
Spain	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
Sweden	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
Switzerland	20	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
Tajikistan	100	5 905	88	2 075	31	1 966	1 645	219	76	55	1 653	0	2 075	15 542	6 933	37	30	51	35	28	28	26	26	51	35	28	28	51	35	28	28	51	35	28	26
Turkey	100	526	26	200	10	177	117	32	4	7	26	0	247	597	269	83	74	53	38	22	12	12	12	53	38	22	12	53	38	22	12	53	38	22	12
TFYR Macedonia	100	18 878	25																																

Table A3.10 DOTS treatment success and case detection rates, Europe, 1994–2007

	DOTS new smear-positive treatment success (%)											DOTS new smear-positive case detection rate (%)																	
	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007		
Albania							98	90	91	78	77	93																	
Andorra							100	67	50	100	100	100	80	75															
Armenia							88	87	90	79	77	70	72	69															
Austria							77	73	64	78	68	69	75	71															
Azerbaijan							86	87	86	88	91	66	84	70	60	59	60	60	29	47	55	50	46	40	40	40	40	40	
Belarus							64	69	73	72	66	73																	
Belgium							93	88	90	94	98	95	94	98	97	97	97	38	67	71	80	53	51	95	70	62	81		
Bosnia & Herzegovina							87	86	91	80	86	80																	
Bulgaria							42	69	65	78	73	73	73	72	69	68													
Croatia							73	60	66	69	65	71	68	71															
Cyprus							92	75	79	20	63	88																	
Czech Republic							70	73	73	73	73	73	72	69															
Denmark							77	77	84	88	83	77																	
Estonia							63	70	64	67	70	71	72	68															
Eritrea																													
France																													
Georgia							65	78	61	63	67	65	66	68	73	75													
Germany							54	54	58	77	67	69	71	68	71														
Greece							80	64	46	55	48	54	45	46															
Hungary							67	100	100	100	50	100																	
Iceland																													
Ireland							78	79	81	80	80	78	74																
Israel							72	71	74	40	79	95	74																
Italy							79	79	79	78	75	72	71	72															
Kazakhstan							88	76	82	83	82	81	82	84	85	85	82												
Kyrgyzstan							61	64	65	71	74	72	73	74	73	74	73												
Latvia							79	84	92	75	72	74	72	70	74														
Lithuania							100	100	100	75	100	100	100	100	100	100													
Luxembourg																													
Malta																													
Monaco																													
Montenegro																													
Netherlands							81	72	81	80	65	79	76																
Norway							77	80	44	69	77	70	87	70	87	80	87	68	86	83	84								
Poland							69	69	74	78	74	85	79	78	79	77	75												
Portugal							48	69	74	78	74	85	79	78	82	84	84	89	87										
Republic of Moldova																													
Romania							65	62	67	68	65	68	67	67	61	59	58	58											
Russian Federation																													
San Marino																													
Serbia							96	64	73	67	65	79	82	87	85	87	88	92	81										
Slovakia							90	87	82	78	88	84	82	85	85	90	84	92											
Slovenia																													
Spain																													
Sweden																													
Switzerland																													
Tajikistan																													
TFYR Macedonia																													
Turkey																													
Turkmenistan																													
Ukraine																													
United Kingdom																													
Uzbekistan																													
EUR	68	69	72	72	76	77	77	75	76	75	74	71	70		3	3	5	11	11	12	14	22	24	26	37	53	51		

Treatment success, sum of cured and completed; DOTS new smear-positive case detection rate, notified new smear-positive cases divided by estimated incident cases. Figures for all years are updated as new information becomes available and/or techniques are refined, so they may differ from those published previously. Data can be downloaded from www.who.int/tb

Table A3.11 New smear-positive case notification by age and sex, DOTS and non-DOTS, Europe, 2007

	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+	0-14	15-24	25-34	35-44	45-54	55-64	65+	0-14	15-24	25-34	35-44		45-54
Albania	0	19	13	16	24	16	19	2	13	9	7	7	11	11	9	2	32	22	23	31	31	27	28	1.8			
Andorra	1	81	87	100	92	29	20	2	31	22	11	7	7	7	7	3	112	109	111	111	99	36	27	4.7			
Armenia	1	12	15	27	26	18	25	2	10	14	11	7	11	2	19	3	22	29	34	37	20	44	1.9				
Azerbaijan	2	57	142	205	244	110	56	4	28	58	41	35	17	58	17	85	200	246	279	127	114	114	3.4				
Belgium*	2	23	55	35	38	18	43	4	13	31	23	7	8	22	6	36	86	58	45	45	26	65	2.0				
Bosnia & Herzegovina	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Bulgaria	7	63	122	181	176	131	90	4	63	77	53	38	29	46	11	126	199	234	214	160	136	136	2.5				
Croatia	0	2	1	0	0	0	0	0	1	3	1	5	9	5	28	0	3	4	1	0	0	0	0	0.6			
Cyprus	0	14	26	35	63	39	29	0	6	8	5	9	5	28	0	20	34	40	40	72	44	57	3.4				
Czech Republic	0	6	26	32	37	21	16	1	8	12	8	4	5	8	8	1	14	24	28	33	21	14	1.9				
Estonia	0	6	26	32	37	21	16	1	8	12	8	4	5	8	8	1	14	24	28	33	21	14	1.9				
Finland	0	4	5	5	10	7	24	0	2	4	5	5	0	13	0	10	9	7	15	7	37	1.8					
France	17	120	325	198	219	156	273	20	127	167	91	56	61	188	37	247	392	287	275	217	461	1.7					
Georgia	7	277	388	308	230	96	75	6	153	140	67	54	17	46	13	400	528	375	284	113	121	2.9					
Germany*	2	16	248	314	344	184	362	4	120	176	152	116	46	78	6	236	424	466	460	230	540	2.0					
Greece	1	21	22	34	28	15	54	0	13	19	11	8	3	24	1	34	41	45	36	16	76	2.2					
Hungary	0	7	31	48	103	50	35	3	12	22	18	17	6	29	3	19	53	66	120	56	64	2.6					
Iceland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0				
Ireland	0	26	49	32	28	26	26	0	14	28	22	14	2	4	0	40	77	54	42	28	30	2.2					
Israel	1	9	20	23	13	10	17	1	4	17	5	3	6	14	2	13	37	28	16	16	31	1.9					
Italy	3	75	170	113	87	48	106	7	74	94	58	31	19	76	10	149	264	171	118	67	182	1.7					
Kazakhstan	14	881	976	859	714	279	150	38	782	605	367	249	124	157	52	1 663	1 581	1 226	963	403	307	1.7					
Kyrgyzstan	3	243	274	186	186	62	63	11	216	213	114	67	47	61	14	459	487	300	253	109	124	1.4					
Latvia	1	33	65	93	102	49	19	1	18	27	32	18	12	9	1	51	92	125	120	61	28	3.1					
Lithuania	0	31	77	165	235	109	76	0	34	41	48	50	22	37	0	65	118	213	285	131	113	3.0					
Luxembourg	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0				
Malta	0	0	2	0	0	1	3	0	2	0	0	0	0	0	0	2	2	0	0	0	1	3	3.0				
Monaco	0	0	6	3	10	1	3	0	3	3	4	3	3	3	1	0	3	9	7	13	4	4	1.4				
Montenegro	1	10	22	28	21	15	15	1	12	22	17	6	5	12	2	22	44	45	27	20	27	1.5					
Netherlands*	4	12	2	3	1	2	2	1	4	2	5	1	1	1	1	8	14	7	4	1	3	1.7					
Norway	2	85	213	395	677	344	285	4	65	149	120	132	79	277	6	150	362	515	809	423	562	2.4					
Poland	4	69	178	268	188	82	112	2	49	95	61	27	12	26	6	118	273	329	215	94	138	3.3					
Portugal	0	181	281	343	314	107	35	2	97	85	57	57	25	25	2	278	366	400	372	132	60	3.6					
Republic of Moldova	25	706	1 149	1 559	1 704	889	611	34	665	634	439	332	230	448	59	1 371	1 783	1 988	2 036	1 119	1 059	2.4					
Romania	20	2 492	6 008	5 874	6 363	2 491	1 291	40	1 444	2 418	1 684	1 484	683	871	60	3 598	8 426	7 558	7 817	3 144	2 182	2.9					
Russian Federation	0	42	59	102	163	94	106	2	38	52	43	43	26	135	2	80	111	145	206	120	241	1.7					
San Marino	0	8	10	18	51	15	23	1	5	3	3	6	3	28	0	13	13	23	57	18	51	2.5					
Serbia	0	0	7	15	14	12	9	0	1	5	6	2	3	16	0	1	12	21	16	15	25	1.7					
Slovakia	0	10	18	14	12	12	9	4	12	22	17	6	5	12	2	22	44	45	27	20	27	1.5					
Slovenia	0	0	7	15	14	12	9	0	1	5	6	2	3	16	0	1	12	21	16	15	25	1.7					
Spain	10	184	375	379	257	128	191	12	164	291	136	63	23	93	22	348	666	515	320	151	284	1.9					
Sweden	0	7	20	10	5	3	9	1	5	11	8	4	1	12	1	12	31	18	9	4	21	1.3					
Switzerland	0	11	10	11	7	5	11	1	9	17	3	0	3	7	1	20	27	14	7	8	18	1.4					
Tajikistan	13	413	361	194	132	63	65	21	329	243	154	92	61	87	34	742	604	348	224	124	152	1.3					
TFYR Macedonia	1	12	22	27	46	21	19	4	11	12	9	4	4	8	5	23	34	36	50	25	27	2.8					
Turkey	50	1 091	1 245	984	978	571	512	63	708	531	246	165	128	255	113	1 799	1 776	1 230	1 143	699	767	2.6					
Turkmenistan	2	176	272	224	137	56	23	6	129	132	81	69	36	35	8	305	404	305	206	92	58	1.8					
Ukraine	14	1 566	4 507	5 206	5 024	2 130	1 090	7	982	1 661	1 314	855	438	861	21	2 538	6 168	6 520	5 879	2 568	1 951	3.2					
United Kingdom*	13	183	286	223	169	97	202	20	145	222	91	58	45	138	33	328	508	314	227	142	340	1.6					
Uzbekistan	18	569	768	579	583	282	380	25	485	507	342	255	235	436	43	1 054	1 275	921	838	517	816	1.4					
EUR	232	9 925	18 862	19 472	19 874	8 897	6 577	353	7 100	8 888	5 975	4 444	2 469	4 813	585	17 025	27 750	25 447	24 318	11 366	11 390	2.5					

For some countries, breakdown of notified cases by age and sex is missing, or is provided for a subset of cases. For countries marked with *, cases with "history unknown" are included in Tables A2.2 and A2.3 but not in this table. For some countries, breakdown of notified cases by age and sex is missing, or is provided for a subset of cases. See Explanatory notes for further details. Data can be downloaded from www.who.int/tb

Table A3.12 New smear-positive case notification rates by age and sex, DOTS and non-DOTS, Europe, 2007

	Male						Female						All								
	0-14	15-24	25-34	35-44	45-54	55-64	65+	0-14	15-24	25-34	35-44	45-54	55-64	65+	0-14	15-24	25-34	35-44	45-54	55-64	65+
Albania	0	6	6	8	12	12	14	1	4	4	3	4	9	6	0	5	5	5	8	11	10
Andorra	0	27	45	62	46	32	14	1	10	10	5	3	6	3	1	19	26	30	22	17	8
Armenia	0	2	3	4	4	4	4	0	2	3	1	2	0	2	0	2	3	2	3	2	3
Azerbaijan	0	7	19	31	34	27	13	4	4	8	6	4	3	6	5	14	18	18	13	8	8
Belgium	0	4	8	4	5	3	6	0	2	5	3	1	1	2	0	3	6	4	3	2	4
Herzegovina	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bulgaria	1	12	21	34	33	27	17	1	13	14	10	7	5	6	1	13	18	22	20	16	10
Croatia	0	3	2	2	0	0	0	0	2	5	2	1	1	0	0	2	3	1	0	0	4
Cyprus	0	2	3	5	9	6	5	0	1	1	1	1	1	1	0	2	2	3	1	0	0
Czech Republic	0	2	3	5	8	4	2	0	3	4	2	1	1	1	2	0	4	3	4	3	2
Denmark	0	6	27	37	43	32	16	0	2	5	5	8	8	4	0	4	16	21	24	16	8
Estonia	0	1	2	1	3	2	7	0	2	1	1	1	0	3	0	2	1	1	2	1	4
Finland	0	3	6	5	5	4	7	0	3	4	2	1	2	3	0	3	5	3	3	3	5
France	2	75	131	110	79	53	30	2	42	44	21	16	8	12	2	59	86	63	45	28	19
Georgia	0	2	5	5	5	4	5	0	3	4	2	2	1	2	0	2	4	3	4	2	3
Germany	0	3	2	4	4	2	6	0	2	2	1	1	0	2	0	3	2	3	2	1	4
Greece	0	1	4	7	15	9	6	0	2	3	3	2	1	3	0	2	3	5	8	4	4
Hungary	0	0	0	0	0	0	0	0	0	0	10	0	0	10	0	0	0	5	0	0	6
Iceland	0	8	13	10	11	12	12	0	5	8	7	5	1	1	0	6	11	9	8	7	6
Ireland	0	2	4	6	4	4	6	0	1	3	1	1	2	3	0	1	4	3	2	4	4
Israel	0	3	4	2	2	1	1	0	3	2	1	1	1	1	0	3	3	2	1	1	2
Italy	1	58	81	85	80	63	36	2	53	48	33	24	20	20	1	55	64	58	50	38	26
Kazakhstan	0	42	65	57	72	54	54	1	38	50	34	23	35	34	1	40	57	45	47	44	42
Kyrgyzstan	18	40	59	67	45	15	15	1	10	17	20	10	8	3	0	14	28	39	37	24	7
Latvia	0	11	33	67	104	72	42	0	13	18	19	20	11	11	0	12	26	42	59	37	21
Lithuania	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Luxembourg	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	3	3	0	0	2	5
Malta	0	14	8	25	4	8	8	0	6	7	10	7	9	2	0	3	11	9	16	7	5
Montenegro	0	1	2	2	2	1	1	0	1	2	1	1	0	1	0	1	2	2	1	1	1
Netherlands	0	1	4	1	1	0	1	0	1	1	1	1	0	1	0	1	2	1	1	1	1
Norway	0	3	7	16	23	17	15	0	2	5	5	4	3	9	0	3	6	11	14	10	11
Poland	0	11	21	34	27	14	15	0	8	12	8	4	2	2	0	9	17	21	15	8	8
Portugal	0	47	105	152	125	66	23	1	27	33	25	19	12	9	0	37	69	67	68	36	14
Moldova	1	44	65	99	121	82	47	2	43	37	28	22	16	24	2	43	51	64	70	48	33
Romania	0	21	55	60	60	41	21	0	13	22	17	12	8	7	0	17	38	38	34	22	11
Russian Federation	0	6	8	15	24	18	17	0	5	7	7	6	5	16	0	6	8	11	15	11	17
San Marino	0	2	2	5	13	5	10	0	1	1	1	1	1	1	0	2	1	3	7	3	8
Serbia	0	0	5	10	9	10	7	0	1	3	4	1	2	8	0	0	4	7	5	6	8
Slovakia	0	7	10	10	9	6	6	0	7	8	4	2	1	2	0	7	9	7	5	3	4
Slovenia	0	1	3	2	1	0	1	0	1	2	1	1	0	1	0	1	3	1	1	0	1
Spain	0	2	2	1	1	1	2	0	2	4	0	0	1	1	0	2	3	1	1	1	2
Sweden	1	53	82	56	53	61	57	2	43	52	41	34	55	61	1	48	66	48	43	58	69
Switzerland	1	7	14	18	32	21	19	2	7	8	6	3	4	6	1	7	11	12	18	12	12
Tajikistan	0	16	19	18	25	24	27	1	11	8	5	4	5	11	13	14	12	15	15	18	18
TFFYR Macedonia	0	32	67	70	60	57	26	1	24	32	25	27	31	26	1	28	50	47	43	26	26
Turkey	0	43	130	169	156	102	43	0	28	48	40	23	15	17	0	36	89	102	84	52	26
Turkmenistan	0	4	7	5	4	3	5	0	4	6	2	1	1	2	0	4	7	3	3	2	3
Ukraine	0	19	35	35	47	54	71	1	16	23	20	19	41	59	0	17	29	27	33	47	64
United Kingdom	0	15	29	30	33	21	13	0	11	14	9	7	5	6	0	13	21	20	20	12	9
Uzbekistan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Rates are per 100 000 population of each age/sex group. Rates are calculated excluding those countries for which breakdown of notified cases or population by age and sex is missing. Data can be downloaded from www.who.int/tb

Table A3.13 TB case notifications, Europe, 1980-2007

	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	2007		
Albania	1 050	954	978	891	975	916	989	915	759	695	653	628	24	15	24	641	738	655	694	733	604	555	594	543	547	506	469	438		
Andorra																														
Armenia	766	924	759	702	774	768	832	766	651	649	590	741	235	590	753	1 157	928	1 026	1 455	1 488	1 333	1 389	1 433	1 538	1 660	2 206	1 767	1 682		
Austria	2 191	2 061	1 942	1 825	1 765	1 442	1 377	1 390	1 402	1 334	1 521	1 426	1 354	1 267	1 264	1 481	1 280	1 302	1 085	1 185	1 185	1 013	1 044	946	895	928	855	811		
Azerbaijan	3 080	3 180	3 217	3 176	3 506	3 772	3 804	3 677	3 340	2 989	2 620	2 771	2 821	3 036	2 839	1 630	4 450	4 635	4 672	4 484	5 187	4 898	5 142	3 840	4 404	6 034	5 705	5 521		
Belarus	5 954	6 198	5 468	5 065	5 065	4 873	4 128	3 911	3 769	3 708	3 039	3 745	2 414	4 134	4 348	4 380	5 598	5 985	6 150	7 339	6 799	5 505	5 139	5 106	4 543	5 308	5 142	5 351		
Belgium	2 667	2 837	2 652	2 190	2 149	1 956	1 893	1 772	1 588	1 648	1 577	1 462	1 335	1 503	1 380	1 521	1 380	1 203	1 203	1 121	1 278	1 211	1 030	1 128	1 078	1 043	955	955		
Bosnia & Herzegovina	4 421	4 376	4 678	4 468	4 691	4 666	4 605	4 522	4 387	4 176	4 073	3 646	6 000	6 600	6 582	1 132	2 220	2 869	2 711	2 923	2 476	2 462	1 691	1 740	2 353	2 111	1 778	2 373		
Bulgaria	3 280	3 007	2 999	2 892	2 856	2 555	2 352	2 352	2 387	2 301	2 256	2 606	3 096	3 213	5 296	3 245	3 109	3 349	3 662	3 337	3 337	3 069	3 025	3 225	3 136	2 225	2 848	2 848		
Croatia	3 969	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	951		
Cyprus	69	69	86	33	39	61	48	35	39	23	29	43	39	37	36	24	24	45	45	39	39	40	20	35	34	34	36	41	41	
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	1 986	1 864	1 864	1 834	1 969	1 834	1 805	1 605	1 414	1 291	1 156	1 101	1 027	973	941	750		
Denmark	430	394	378	348	302	312	299	322	304	328	350	334	359	411	495	448	484	554	529	587	587	494	403	378	356	395	341	395	395	
Estonia	614	560	563	587	546	541	522	446	471	422	423	406	403	532	624	683	744	820	754	791	708	620	557	537	479	422	406	406		
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	661	645	573	629	565	527	460	449	392	319	339	280	300	300	
France	17 109	16 459	15 425	13 831	12 903	11 290	10 535	10 241	9 191	9 027	9 030	8 510	8 005	9 083	8 723	7 656	6 832	5 981	6 052	6 122	5 814	5 709	5 740	5 004	4 504	4 887	4 817	5 314		
Germany	2 098	2 124	2 168	1 881	1 855	1 822	1 833	1 810	1 598	1 609	1 637	1 300	3 741	1 625	1 625	1 625	1 625	1 625	1 625	1 625	1 625	1 625	1 625	1 625	1 625	1 625	1 625	1 625	1 625	
Georgia	29 991	27 083	25 937	22 877	20 243	20 274	17 906	17 102	16 282	15 385	14 653	13 474	14 113	14 161	12 982	12 188	11 814	11 163	10 440	9 674	9 064	6 959	6 831	6 526	6 007	5 539	5 031	4 609		
Greece	9 412	7 334	5 193	3 860	1 856	1 566	1 566	1 153	907	1 088	877	762	920	820	939	945	767	1 152	936	703	503	570	571	668	628	628	580	593	593	
Hungary	5 412	5 322	5 161	5 028	4 472	4 852	4 123	4 016	3 769	3 568	3 656	3 960	4 123	4 123	4 123	4 123	4 123	4 123	4 123	4 123	4 123	4 123	4 123	4 123	4 123	4 123	4 123	4 123	4 123	
Iceland	1 152	1 018	975	924	837	804	602	581	534	672	624	604	598	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544	
Ireland	249	227	232	222	257	368	239	194	226	160	234	505	345	419	395	398	422	656	490	557	546	465	505	497	402	384	392	392	392	
Israel	3 311	3 182	3 850	4 253	3 472	4 113	4 077	3 278	3 610	3 986	4 246	3 719	4 685	4 734	5 816	5 627	4 155	4 586	5 727	4 429	3 501	4 287	3 925	4 234	3 968	3 828	4 145	4 695		
Italy	14 442	13 876	13 808	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	28 936	26 483	25 739	23 728	24 777	24 777	
Kazakhstan	1 973	2 085	2 051	1 981	2 022	2 094	2 122	2 086	1 159	2 132	2 306	2 515	2 592	2 427	2 726	3 393	4 093	5 189	5 706	6 376	6 205	6 654	6 612	6 104	6 329	6 174	6 098	6 098		
Kyrgyzstan	1 194	1 140	1 077	1 072	1 054	1 223	982	948	938	857	906	943	955	994	1 131	1 541	1 761	2 003	2 182	1 891	1 892	2 000	1 803	1 686	1 579	1 409	1 280	1 227		
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	1 598	1 598	1 598	1 598	1 598	1 598	1 598	1 598	1 598	1 598	1 598	1 598	1 598	1 598	1 598	1 598	1 598	
Luxembourg	71	45	41	41	46	42	45	48	16	45	48	48	25	35	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	
Malta	24	26	13	24	15	11	14	14	12	16	13	26	30	26	25	11	28	11	16	16	16	16	16	16	18	21	30	38	38	
Monaco	1	0	0	0	0	1	2	2	1	1	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Montenegro	1 701	1 734	1 514	1 423	1 400	1 362	1 238	1 227	1 341	1 317	1 369	1 345	1 465	1 587	1 811	1 619	1 678	1 486	1 341	1 398	1 244	1 408	1 282	1 316	1 127	1 002	930	930	930	
Netherlands	489	461	448	396	373	374	343	307	294	255	285	290	288	256	242	236	217	205	244	213	221	276	243	320	278	269	276	282	282	
Norway	25 807	24 087	23 685	23 411	22 527	21 650	20 603	19 577	18 537	16 185	16 136	16 496	16 551	16 828	16 663	15 958	15 367	13 967	13 302	12 168	10 931	10 153	10 069	9 677	8 688	8 203	8 017	8 019	8 019	
Poland	6 873	7 249	7 309	7 052	6 908	6 869	6 624	7 099	6 363	6 664	6 214	5 980	5 927	5 447	5 619	5 577	5 248	5 110	5 260	4 599	4 227	4 320	4 381	3 861	3 600	3 303	3 218	2 952	2 952	
Portugal	2 781	2 852	3 197	2 858	2 554	2 732	3 022	2 810	2 510	2 261	1 728	1 910	1 935	2 426	2 626	2 925	2 922	2 908	2 625	2 711	2 935	3 008	3 008	3 619	4 806	5 141	4 960	4 857	4 857	
Republic of Moldova	13 553	13 602	13 568	13 570	12 952	12 867	12 860	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	29 752	28 335	28 570	26 104	24 295	22 580	22 580	
Romania	74 270	73 369	72 236	73 280	74 597	64 644	71 764	70 132	67 553	62 987	59 641	50 447	53 148	63 591	70 822	84 980	111 075	119 123	110 935	134 360	140 677	132 477	128 573	124 041	121 426	127 930	124 689	127 338	127 338	
Russian Federation	6 232	6 381	6 274	6 443	6 454	6 246	6 126	6 042	5 593	5 045	4 194	4 502	3 771	3 943	3 606	2 798	4 017	4 062	3 028	2 646	2 864	4 566	4 232	3 895	3 600	3 208	3 146	2 891	2 891	
San Marino	2 465	2 304	2 263	2 252	2 152	1 889	2 022	1 830	1 651	1 501	1 448	1 620	1 733	1 799	1 760	1 530	1 593	1 288	1 282	1 100	1 010	986	675	604	664	710	673	622	622	
Serbia	1 085	939	862	825	896	923	616	782	760	768	722	583	640	646	526	525	563	461	449	423	368	359	338	275	249	289	207	212	212	
Slovenia	4 853	5 552	7 961	8 967	10 078	10 749	13 755	9 468	8 098	7 600	9 007	9 703	9 441	8 764	8 331	9 347	8 927	8 363	7 993	6 851	7 283	6 851	7 383	6 015	7 281	7 815	7 347	7 347	7 347	
Spain	9 226	8 715	784	832	754	702	640	545	536	595	557	521	610	616	537	564	437	456	446	479	417	394	375	386	416	539	469	460	460	
Sweden	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	644	539	591	554	528	508	461	425	425	
Tajikistan	2 647	2 631	2 628	2 509	2 427	2 465	2 610	2 727	2 474	2 621	2 460	2 116	1 671	652	892	2 029	1 647	2 143	2 448	2 553	2 779									

Table A3.14 TB case notification rates, Europe, 1980–2007

	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	2007	
Albania	39	35	35	31	34	31	33	29	24	21	20	19	19	22	20	24	21	22	24	24	20	18	19	17	17	16	15	14	
Andorra																													
Armenia	24	29	24	22	24	23	24	22	19	18	17	21	36	25	38	26	29	33	47	48	43	45	47	51	55	73	59	56	
Austria	29	27	26	24	23	19	18	18	17	20	18	17	16	16	16	16	17	16	13	15	15	12	13	12	11	11	10	10	
Azerbaijan	50	51	51	49	53	57	56	53	48	42	36	38	40	37	21	31	58	58	58	64	60	62	46	65	72	68	65		
Belarus	62	64	56	56	51	49	41	39	37	36	30	36	23	40	42	47	55	59	61	73	68	55	52	55	54	53	55		
Belgium	27	29	27	22	22	20	19	18	16	17	16	15	13	15	15	14	13	12	12	11	13	13	12	10	11	10	10	9	
Bosnia & Herzegovina	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	60	
Bulgaria	37	34	34	32	32	29	28	26	27	26	26	30	36	38	63	39	38	42	51	44	42	49	42	39	39	42	41	37	
Croatia	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	21		
Cyprus	11	11	14	12	6	9	7	5	6	3	4	6	6	5	5	3	6	6	5	4	5	2	4	4	4	4	4	5	
Czech Republic	48	42	40	39	35	30	25	21	20	18	19	20	19	18	19	18	18	16	14	13	11	11	11	11	10	10	9	8	
Denmark	8	8	7	7	6	6	6	6	6	6	7	6	7	8	10	9	9	11	10	11	11	9	8	7	7	7	6	7	
Estonia	42	38	38	39	36	35	34	29	27	27	26	26	26	36	43	48	53	59	55	58	52	46	41	40	36	31	34		
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	6	
France	32	30	28	25	22	20	19	18	16	16	16	15	15	17	16	15	13	12	10	10	10	10	10	10	10	8	8	9	
Georgia	41	42	42	36	35	34	34	29	28	28	28	28	28	40	72	92	71	173	131	100	93	86	97	92	89	101	103	98	
Germany	38	35	33	30	26	26	23	22	21	19	18	17	18	18	16	15	14	14	13	12	11	8	8	8	7	7	6	6	
Greece	86	75	53	39	20	16	16	12	9	11	9	7	9	9	9	9	7	11	9	6	6	5	5	5	6	6	5	5	
Hungary	51	50	46	47	42	46	43	39	36	36	35	35	36	38	41	40	42	43	41	39	34	30	29	27	25	22	18	17	15
Iceland	11	10	11	10	11	5	5	5	6	7	7	6	6	4	4	4	4	4	4	4	4	5	4	3	2	4	3	4	4
Ireland	34	30	28	26	24	23	17	16	15	19	18	17	17	17	15	13	12	11	11	12	10	10	10	9	9	9	10	10	
Israel	7	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	
Italy	6	6	7	8	6	7	7	6	7	7	7	7	7	8	10	10	10	7	8	10	8	6	7	7	7	7	7	5	
Kazakhstan	97	92	91	87	81	79	82	82	83	81	66	66	66	64	65	71	89	104	135	166	173	176	184	179	175	169	155	161	
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	115	
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	54	
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	59	62	69	66	
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	8	
Malta	7	8	4	7	4	3	4	3	4	3	4	4	7	8	7	3	7	3	4	6	4	6	4	6	2	4	5	7	9
Monaco	4	0	0	0	0	4	7	7	3	3	3	0	3	3	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0
Montenegro																													
Netherlands	12	11	11	10	9	9	8	8	7	7	6	7	7	6	6	5	5	6	5	6	5	6	5	8	8	7	6	6	
Norway	12	11	11	10	9	9	8	8	7	7	6	7	7	7	6	5	5	6	5	6	5	6	5	7	6	6	6	6	
Poland	73	67	65	64	61	58	55	52	49	43	42	43	43	44	43	44	40	36	35	32	28	26	26	25	23	21	21	21	
Portugal	70	74	74	71	69	69	66	71	64	67	62	60	59	55	56	56	52	51	52	45	41	42	42	42	37	34	31	30	28
Republic of Moldova	69	70	78	69	61	65	71	65	59	52	39	43	42	55	60	67	67	68	62	65	71	88	93	91	122	133	130	128	
Romania	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	105	
Russian Federation	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	89	
San Marino																													
Serbia	65	66	65	66	66	63	62	61	56	50	41	44	36	36	34	26	37	37	28	24	27	42	40	37	34	33	32	29	
Slovakia	50	46	45	44	42	39	39	35	32	29	28	31	33	34	33	29	28	24	24	20	19	18	18	17	12	13	12	12	
Slovenia	59	51	53	50	48	49	43	42	40	40	37	30	33	33	33	27	27	28	24	23	21	19	18	17	14	12	13	10	11
Spain	13	15	21	24	26	28	36	25	22	21	20	23	25	24	26	22	21	24	23	21	20	17	16	17	14	17	16	17	
Sweden	11	11	9	10	9	8	8	6	6	6	7	6	7	7	6	6	6	5	5	5	5	4	4	4	4	5	6	5	5
Switzerland	18	19	18	17	15	15	13	15	18	16	19	16	14	13	13	13	12	11	10	10	10	7	7	8	7	7	6	6	
Tajikistan	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	93	
TFYR 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	25	25	
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	69	69	
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	81	
United Kingdom	19	16	15	14	12	12	12	10	10	11	10	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	13	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	72	
EUR	44	43	40	39	38	36	36	35	33	32	29	27	29	28	28	33	37	41	40	43	43	42	43	41	40	41	41	39	

Rates are per 100,000 population. From 1995 on, number shown is notification rate of new and relapse cases. Figures for all years are updated as new information becomes available and/or techniques are refined, so they may differ from those published previously. Data can be downloaded from www.who.int/tb

Table A3.16 NTP budgets, available funding, cost of utilization of general health-care services and total TB control costs (US\$ millions), Europe, 2009

	NTP budget	Available funding			Funding gap	Cost of utilization of general health-care services	Total TB control costs	Completeness of budget data
		Government (excluding loans)	Loans	Grants (excluding Global Fund)				
Albania	0.1	0.1	0	0	0	0.1	0.1	N
Andorra	0	0	0	0	0	0.1	0.1	P
Armenia	0	0	0	1.1	<0.01			P
Austria								N
Azerbaijan								N
Belarus								N
Belgium								N
Bosnia & Herzegovina	15	10	0	0	4.4	5.0	20	C
Bulgaria								C
Croatia	0.04	0.04	0	0	0	0.1	0.2	N
Cyprus						0.2	0.2	C
Czech Republic						849	849	N
Denmark	1.0	1.0	0	0	0	0.6	1.6	C
Estonia								N
Finland								N
France	18	6.9	0	1.0	10	0.7	19	N
Georgia								C
Germany								N
Greece								N
Hungary								N
Iceland								N
Ireland								N
Israel								N
Italy								N
Kazakhstan	384	84	0	0.02	2.0	14	388	C
Kyrgyzstan								N
Kyrgyzstan	30	0	0	0	30	2.5	33	P
Latvia								N
Lithuania								N
Luxembourg	0.1	0.1	0	0	0	<0.01	0.1	C
Malta								N
Monaco	0	0	0	0.1	0.1		0	P
Montenegro	49	49	0	0	0	0.9	50	C
Netherlands								N
Norway								N
Poland	7.4	7.4	0	0	0	2.4	9.8	C
Portugal								N
Republic of Moldova	18	16	0	0.1	1.8	1.0	19	C
Romania	18	16	0	0	0.5	12	30	C
Russian Federation	1249	1014	0	1.4	6.9	24	1273	C
San Marino								N
Serbia	23	20	0	0	0.7	0.4	23	C
Slovakia	0.02	0.02	0	0	0	0.6	0.6	C
Slovenia								N
Spain								N
Sweden	4.0	2.7	0	1.3	1.4	0.1	4.1	N
Switzerland								N
Tajikistan	1.2	0.6	0	0	0.5	0.3	1.5	C
TFYR Macedonia	70	70	0	0	0	10	80	N
Turkey								C
Turkmenistan								C
Ukraine								N
United Kingdom	33	30	0	3.7	3.7	62	96	N
Uzbekistan								N
EUR	1 921	1 328	0	9	35	986	2 907	31%

N indicates data not available or not applicable; P indicates partial financial data; C indicates complete data and therefore included in analysis presented in chapter 3. Completeness of budget data in total row indicates percentage of countries providing complete financial data. Data can be downloaded from www.who.int/tb

Notes

Denmark

Data for Denmark exclude Greenland. A total of 54 TB cases were notified in Greenland for 2007 (93 per 100 000 population). No MDR-TB cases were identified in Greenland.

Russian Federation

TABLE A3.5: cases notified as "Other re-treatment" in 2007 included smear-negative cases; these cases were not notified in previous years.