



World Health Organization (WHO) estimates of tuberculosis incidence by country, 2016

Definition of high incidence

With reference to the National Institute for Health and Clinical Excellence (NICE) recommendations for BCG vaccination and screening in England and Wales, countries/territories with an estimated incidence rate of 40 per 100,000 or greater are considered to have a high incidence of tuberculosis. Countries with rates greater than or equal to 150 per 100,000 have been signposted with a tick symbol.

Table 1: High incidence countries (estimated incidence rate of 40 per 100,000 or greater)

Country/Territory	WHO Region	Estimated rate per 100,000 population	Number of cases	Rate ≥ 150 per 100,000
Afghanistan	Eastern Mediterranean	189	65,000	✓
Algeria	Africa	70	29,000	
Angola	Africa	370	107,000	✓
Armenia	Europe	44	1,300	
Azerbaijan	Europe	66	6,400	
Bangladesh	South-East Asia	221	360,000	✓
Belarus	Europe	52	4,900	
Benin	Africa	59	6,400	
Bhutan	South-East Asia	178	1,400	✓
Bolivia (Plurinational State of)	The Americas	114	12,000	
Botswana	Africa	326	7,300	✓
Brazil	The Americas	42	87,000	
Brunei Darussalam	Western Pacific	66	280	
Burkina Faso	Africa	51	9,400	
Burundi	Africa	118	12,000	
Cabo Verde	Africa	137	740	
Cambodia	Western Pacific	345	54,000	✓
Cameroon	Africa	203	48,000	✓
Central African Republic	Africa	407	19,000	✓
Chad	Africa	153	22,000	✓
China	Western Pacific	64	895,000	
China, Hong Kong SAR	Western Pacific	69	5,100	
China, Macao SAR	Western Pacific	67	410	
Congo	Africa	378	19,000	✓
Côte d'Ivoire	Africa	153	36,000	✓
Democratic People's Republic of Korea	South-East Asia	513	130,000	✓
Democratic Republic of the Congo	Africa	323	254,000	✓
Djibouti	Eastern Mediterranean	335	3,200	✓

Country/Territory	WHO Region	Estimated rate per 100,000 population	Number of cases	Rate ≥150 per 100,000
Dominican Republic	The Americas	60	6,400	
Ecuador	The Americas	50	8,200	
El Salvador	The Americas	60	3,800	
Equatorial Guinea	Africa	181	2,200	✓
Eritrea	Africa	74	3,700	
Ethiopia	Africa	177	182,000	✓
Fiji	Western Pacific	59	530	
Gabon	Africa	485	9,600	✓
Gambia	Africa	174	3,500	✓
Georgia	Europe	92	3,600	
Ghana	Africa	156	44,000	✓
Greenland	Europe	118	67	
Guam	Western Pacific	53	86	
Guinea	Africa	176	22,000	✓
Guinea-Bissau	Africa	374	6,800	✓
Guyana	The Americas	93	720	
Haiti	The Americas	188	20,000	✓
Honduras	The Americas	40	3,600	
India	South-East Asia	211	2,790,000	✓
Indonesia	South-East Asia	391	1,020,000	✓
Iraq	Eastern Mediterranean	43	16,000	
Kazakhstan	Europe	67	12,000	
Kenya	Africa	348	169,000	✓
Kiribati	Western Pacific	566	650	✓
Kyrgyzstan	Europe	145	8,700	
Lao People's Democratic Republic	Western Pacific	175	12,000	✓
Lesotho	Africa	724	16,000	✓
Liberia	Africa	308	14,000	✓
Libya	Eastern Mediterranean	40	2,500	
Lithuania	Europe	53	1,500	
Madagascar	Africa	237	59,000	✓
Malawi	Africa	159	29,000	✓
Malaysia	Western Pacific	92	29,000	
Maldives	South-East Asia	49	210	
Mali	Africa	56	10,000	
Marshall Islands	Western Pacific	422	220	✓
Mauritania	Africa	102	4,400	
Micronesia (Federated States of)	Western Pacific	177	190	✓
Mongolia	Western Pacific	183	5,500	✓
Morocco	Eastern Mediterranean	103	36,000	
Mozambique	Africa	551	159,000	✓
Myanmar	South-East Asia	361	191,000	✓
Namibia	Africa	446	11,000	✓
Nauru	Western Pacific	112	13	

Country/Territory	WHO Region	Estimated rate per 100,000 population	Number of cases	Rate ≥150 per 100,000
Nepal	South-East Asia	154	45,000	✓
Nicaragua	The Americas	48	2,900	
Niger	Africa	93	19,000	
Nigeria	Africa	219	407,000	✓
Northern Mariana Islands	Western Pacific	59	32	
Pakistan	Eastern Mediterranean	268	518,000	✓
Palau	Western Pacific	123	26	
Panama	The Americas	55	2,200	
Papua New Guinea	Western Pacific	432	35,000	✓
Paraguay	The Americas	42	2,800	
Peru	The Americas	117	37,000	
Philippines	Western Pacific	554	573,000	✓
Republic of Korea	Western Pacific	77	39,000	
Republic of Moldova	Europe	101	4,100	
Romania	Europe	74	15,000	
Russian Federation	Europe	66	94,000	
Rwanda	Africa	50	6,000	
Sao Tome and Principe	Africa	99	200	
Senegal	Africa	140	22,000	
Sierra Leone	Africa	304	22,000	✓
Singapore	Western Pacific	51	2,800	
Solomon Islands	Western Pacific	84	500	
Somalia	Eastern Mediterranean	270	39,000	✓
South Africa	Africa	781	438,000	✓
South Sudan	Africa	146	18,000	
Sri Lanka	South-East Asia	65	13,000	
Sudan	Eastern Mediterranean	82	32,000	
Swaziland	Africa	398	5,400	✓
Tajikistan	Europe	85	7,500	
Thailand	South-East Asia	172	119,000	✓
Timor-Leste	South-East Asia	498	6,300	✓
Togo	Africa	46	3,500	
Turkmenistan	Europe	60	3,400	
Tuvalu	Western Pacific	207	23	✓
Uganda	Africa	201	83,000	✓
Ukraine	Europe	87	39,000	
United Republic of Tanzania	Africa	287	160,000	✓
Uzbekistan	Europe	76	24,000	
Vanuatu	Western Pacific	56	150	
Viet Nam	Western Pacific	133	126,000	
Yemen	Eastern Mediterranean	48	13,000	
Zambia	Africa	376	62,000	✓
Zimbabwe	Africa	208	34,000	✓

Table 2: Low incidence countries (estimated incidence rate less than 40 per 100,000)

Country/Territory	WHO Region	Estimated rate per 100,000 population	Number of cases
Albania	Europe	16	480
American Samoa	Western Pacific	8	5
Andorra	Europe	6	5
Anguilla	The Americas	22	3
Antigua and Barbuda	The Americas	3	3
Argentina	The Americas	24	11,000
Aruba	The Americas	15	16
Australia	Western Pacific	6	1,500
Austria	Europe	8	710
Bahamas	The Americas	26	100
Bahrain	Eastern Mediterranean	12	180
Barbados	The Americas	1	3
Belgium	Europe	10	1,100
Belize	The Americas	38	140
Bermuda	The Americas	4	2
Bonaire, Saint Eustatius and Saba	The Americas	5	1
Bosnia and Herzegovina	Europe	32	1,100
British Virgin Islands	The Americas	0	0
Bulgaria	Europe	27	1,900
Canada	The Americas	5	1,900
Cayman Islands	The Americas	6	3
Chile	The Americas	16	2,900
Colombia	The Americas	32	16,000
Comoros	Africa	35	280
Cook Islands	Western Pacific	13	2
Costa Rica	The Americas	10	460
Croatia	Europe	12	520
Cuba	The Americas	7	790
Curaçao	The Americas	3	5
Cyprus	Europe	6	66
Czechia	Europe	5	530
Denmark	Europe	6	350
Dominica	The Americas	8	6
Egypt	Eastern Mediterranean	14	13,000
Estonia	Europe	16	220
Finland	Europe	5	260
France	Europe	8	5,000
French Polynesia	Western Pacific	20	57
Germany	Europe	8	6,600
Greece	Europe	4	490
Grenada	The Americas	6	7
Guatemala	The Americas	24	4,000
Hungary	Europe	9	860
Iceland	Europe	2	7
Iran (Islamic Republic of)	Eastern Mediterranean	14	12,000
Ireland	Europe	7	340

Country/Territory	WHO Region	Estimated rate per 100,000 population	Number of cases
Israel	Europe	4	290
Italy	Europe	6	3,700
Jamaica	The Americas	5	130
Japan	Western Pacific	16	20,000
Jordan	Eastern Mediterranean	6	530
Kuwait	Eastern Mediterranean	24	960
Latvia	Europe	37	740
Lebanon	Eastern Mediterranean	12	740
Luxembourg	Europe	6	33
Malta	Europe	13	58
Mauritius	Africa	22	280
Mexico	The Americas	22	28,000
Monaco	Europe	0	0
Montenegro	Europe	16	100
Montserrat	The Americas	0	0
Netherlands	Europe	6	1,00
New Caledonia	Western Pacific	16	44
New Zealand	Western Pacific	7	340
Niue	Western Pacific	20	0
Norway	Europe	6	320
Oman	Eastern Mediterranean	9	400
Poland	Europe	18	7,100
Portugal	Europe	20	2,100
Puerto Rico	The Americas	2	75
Qatar	Eastern Mediterranean	23	580
Saint Kitts and Nevis	The Americas	0	0
Saint Lucia	The Americas	2	3
Saint Vincent and the Grenadines	The Americas	6	7
Samoa	Western Pacific	8	15
San Marino	Europe	0	0
Saudi Arabia	Eastern Mediterranean	10	3,300
Serbia	Europe	19	1,700
Seychelles	Africa	15	14
Sint Maarten (Dutch part)	The Americas	0	0
Slovakia	Europe	6	320
Slovenia	Europe	7	140
Spain	Europe	10	4,700
Suriname	The Americas	26	140
Sweden	Europe	8	810
Switzerland	Europe	8	660
Syrian Arab Republic	Eastern Mediterranean	21	3,800
The Former Yugoslav Republic of Macedonia	Europe	16	330
Tokelau	Western Pacific	0	0
Tonga	Western Pacific	9	9
Trinidad and Tobago	The Americas	18	250
Tunisia	Eastern Mediterranean	38	4,300
Turkey	Europe	18	14,000

Country/Territory	WHO Region	Estimated rate per 100,000 population	Number of cases
Turks and Caicos Islands	The Americas	7	2
US Virgin Islands	The Americas	8	8
United Arab Emirates	Eastern Mediterranean	1	74
United Kingdom of Great Britain and Northern Ireland	Europe	10	6,500
United States of America	The Americas	3	10,000
Uruguay	The Americas	29	1,000
Venezuela (Bolivarian Republic of)	The Americas	32	10,000
Wallis and Futuna Islands	Western Pacific	0	0
West Bank and Gaza Strip	Eastern Mediterranean	1	49

Note: Data presented here are an extract of data available for download from the WHO website. The 'estimated rate per 100,000 population' and the 'number of cases' have been rounded to the nearest whole number. Only 'best estimate' figures of incidence are included here. Uncertainty bounds for these estimates are included in data downloadable from the WHO website and should be referred to if further interpretation of the figures is required. Details of the methods used for the estimation of incidence can be found in the WHO report 'Global tuberculosis control 2017', available at http://www.who.int/tb/publications/global_report/en/

Sources: WHO TB burden estimates, available at: <http://www.who.int/tb/country/data/download/en/> and Global tuberculosis report 2017, available at http://www.who.int/tb/publications/global_report/en/. Accessed 15/01/2018

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