

**Morbidity Tables
United States, 2008**

Table 15. Tuberculosis Cases by Hispanic Ethnicity and Non-Hispanic Race, Sex, and Age Group: United States, 2008

Race/Ethnicity and Sex	Age Group							Not Stated
	All Ages	Under 5	5–14	15–24	25–44	45–64	≥65	
Total Cases	12,904	496	290	1,440	4,242	3,935	2,500	1
Male	7,942	255	150	845	2,526	2,680	1,486	0
Female	4,961	241	139	595	1,716	1,255	1,014	1
Unknown	1	0	1	0	0	0	0	0
Hispanic or Latino ¹	3,798	234	123	592	1,518	882	449	0
Male	2,497	118	66	393	1,042	616	262	0
Female	1,300	116	56	199	476	266	187	0
Unknown	1	0	1	0	0	0	0	0
Non-Hispanic								
American Indian or Alaska Native	139	9	1	11	39	52	27	0
Male	80	5	1	4	25	35	10	0
Female	59	4	0	7	14	17	17	0
Unknown	0	0	0	0	0	0	0	0
Asian	3,391	74	57	346	1,136	965	813	0
Male	1,908	48	25	181	557	589	508	0
Female	1,483	26	32	165	579	376	305	0
Unknown	0	0	0	0	0	0	0	0
Black or African American	3,273	132	90	387	1,065	1,151	447	1
Male	1,971	64	48	209	614	794	242	0
Female	1,302	68	42	178	451	357	205	1
Unknown	0	0	0	0	0	0	0	0
Native Hawaiian or Other Pacific Islander	69	3	4	12	21	17	12	0
Male	34	2	2	4	9	11	6	0
Female	35	1	2	8	12	6	6	0
Unknown	0	0	0	0	0	0	0	0
White	2,142	37	11	85	428	841	740	0
Male	1,396	17	6	51	256	615	451	0
Female	746	20	5	34	172	226	289	0
Unknown	0	0	0	0	0	0	0	0
Multiple Race ²	42	1	1	5	19	12	4	0
Male	26	0	1	2	12	7	4	0
Female	16	1	0	3	7	5	0	0
Unknown	0	0	0	0	0	0	0	0
Unknown	50	6	3	2	16	15	8	0
Male	30	1	1	1	11	13	3	0
Female	20	5	2	1	5	2	5	0
Unknown	0	0	0	0	0	0	0	0

¹Persons of Hispanic or Latino ethnicity may be of any race or multiple race.

²Indicates two or more races reported for a person. Category first reported in 2003.

Note: Case counts for race categories (American Indian or Alaska Native, Asian, Black or African American, Native Hawaiian or Other Pacific Islander, and White) are mutually exclusive and do not include persons of Hispanic ethnicity or multiple race. Multiple Race does not include persons of Hispanic ethnicity.

See Technical Notes (page 9).

See Surveillance Slide #10.

Table 16. Tuberculosis Case Rates per 100,000 Population by Hispanic Ethnicity and Non-Hispanic Race, Sex, and Age Group: United States, 2008

Race/Ethnicity and Sex	Age Group						
	All Ages	Under 5	5–14	15–24	25–44	45–64	≥65
Total Rate	4.2	2.4	0.7	3.4	5.1	5.0	6.4
Male	5.3	2.4	0.7	3.9	6.0	7.0	9.0
Female	3.2	2.3	0.7	2.9	4.2	3.1	4.5
Hispanic or Latino ¹	8.1	4.4	1.5	7.9	10.0	11.3	16.9
Male	10.3	4.4	1.5	10.0	12.6	15.7	23.0
Female	5.7	4.5	1.4	5.5	6.9	6.8	12.3
American Indian or Alaska Native	6.0	4.7	0.3	2.7	6.0	9.7	13.9
Male	7.0	5.1	0.6	1.9	7.8	13.7	11.6
Female	5.0	4.2	0.0	3.5	4.3	6.1	15.6
Asian	25.6	8.3	3.6	21.1	24.8	29.7	63.5
Male	29.7	10.5	3.1	21.5	24.8	38.8	92.2
Female	21.7	6.0	4.1	20.7	24.7	21.8	41.8
Black or African American	8.8	4.6	1.6	6.2	10.0	13.5	13.9
Male	11.1	4.4	1.7	6.6	12.1	20.5	19.5
Female	6.7	4.8	1.5	5.7	8.1	7.7	10.3
Native Hawaiian or Other Pacific Islander	15.9	8.4	6.2	17.2	15.1	18.2	37.5
Male	15.5	10.9	6.0	11.1	12.8	23.8	41.3
Female	16.2	5.8	6.3	23.6	17.5	12.7	34.4
White	1.1	0.3	0.0	0.3	0.8	1.5	2.4
Male	1.4	0.3	0.1	0.4	1.0	2.2	3.4
Female	0.7	0.4	0.0	0.3	0.7	0.8	1.6
Multiple Race ²	0.9	0.1	0.1	0.6	2.0	1.9	1.7
Male	1.2	0.0	0.2	0.5	2.5	2.3	3.9
Female	0.7	0.3	0.0	0.8	1.4	1.5	0.0

¹Persons of Hispanic or Latino origin may be of any race or multiple race.

²Indicates two or more races reported for a person. Category first reported in 2003.

Note: Denominators for computing case rates were obtained from the U.S. Census Bureau Monthly Postcensal Resident Population, by single year of age, sex, race, and Hispanic origin: July 1, 2008 (<http://www.census.gov/popest/national/asrh/files/NC-EST2008-ALLDATA-R-File16.csv>) (Accessed June 24, 2009).

Case counts for race categories (American Indian or Alaska Native, Asian, Black or African American, Native Hawaiian or Other Pacific Islander, and White) are mutually exclusive and do not include persons of Hispanic ethnicity or multiple race. Multiple Race does not include persons of Hispanic ethnicity.

See Technical Notes (page 9).

See Surveillance Slide #7.

Table 17. Tuberculosis Cases in U.S.-born Persons by Hispanic Ethnicity and Non-Hispanic Race, Sex, and Age Group: United States, 2008

Race/Ethnicity and Sex	Age Group							Not Stated
	All Ages	Under 5	5–14	15–24	25–44	45–64	≥65	
Total Cases	5,283	428	152	416	1,175	1,942	1,169	1
Male	3,351	217	80	220	718	1,428	688	0
Female	1,931	211	71	196	457	514	481	1
Unknown	1	0	1	0	0	0	0	0
Hispanic or Latino ¹								
Hispanic or Latino ¹	920	228	79	122	190	190	111	0
Male	550	114	41	64	127	145	59	0
Female	369	114	37	58	63	45	52	0
Unknown	1	0	1	0	0	0	0	0
Non-Hispanic								
American Indian or Alaska Native								
American Indian or Alaska Native	135	9	1	11	37	51	26	0
Male	77	5	1	4	24	34	9	0
Female	58	4	0	7	13	17	17	0
Unknown	0	0	0	0	0	0	0	0
Asian								
Asian	153	45	17	35	29	11	16	0
Male	80	28	7	17	11	9	8	0
Female	73	17	10	18	18	2	8	0
Unknown	0	0	0	0	0	0	0	0
Black or African American								
Black or African American	2,234	106	43	180	585	923	396	1
Male	1,409	53	24	95	348	664	225	0
Female	825	53	19	85	237	259	171	1
Unknown	0	0	0	0	0	0	0	0
Native Hawaiian or Other Pacific Islander								
Native Hawaiian or Other Pacific Islander	50	3	4	11	15	12	5	0
Male	27	2	2	4	8	9	2	0
Female	23	1	2	7	7	3	3	0
Unknown	0	0	0	0	0	0	0	0
White								
White	1,748	32	6	52	313	739	606	0
Male	1,183	15	4	33	195	556	380	0
Female	565	17	2	19	118	183	226	0
Unknown	0	0	0	0	0	0	0	0
Multiple Race ²								
Multiple Race ²	17	1	0	3	3	7	3	0
Male	12	0	0	2	3	4	3	0
Female	5	1	0	1	0	3	0	0
Unknown	0	0	0	0	0	0	0	0
Unknown								
Unknown	26	4	2	2	3	9	6	0
Male	13	0	1	1	2	7	2	0
Female	13	4	1	1	1	2	4	0
Unknown	0	0	0	0	0	0	0	0

¹Persons of Hispanic or Latino origin may be of any race or multiple race.

²Indicates two or more races reported for a person. Category first reported in 2003.

Note: Case counts for race categories (American Indian or Alaska Native, Asian, Black or African American, Native Hawaiian or Other Pacific Islander, and White) are mutually exclusive and do not include persons of Hispanic ethnicity or multiple race. Multiple race does not include persons of Hispanic ethnicity.

See Technical Notes (page 9).

See Surveillance Slide #13.

Table 18. Tuberculosis Cases in Foreign-born Persons¹ by Hispanic Ethnicity and Non-Hispanic Race, Sex, and Age Group: United States, 2008

Race/Ethnicity and Sex	Age Group							Not Stated
	All Ages	Under 5	5–14	15–24	25–44	45–64	≥65	
Total Cases	7,563	65	136	1,017	3,050	1,974	1,321	0
Male	4,554	37	68	623	1,798	1,237	791	0
Female	3,009	28	68	394	1,252	737	530	0
Unknown	0	0	0	0	0	0	0	0
Hispanic or Latino ²	2,861	6	42	470	1,321	686	336	0
Male	1,933	4	23	329	909	466	202	0
Female	928	2	19	141	412	220	134	0
Unknown	0	0	0	0	0	0	0	0
Non-Hispanic								
American Indian or Alaska Native	4	0	0	0	2	1	1	0
Male	3	0	0	0	1	1	1	0
Female	1	0	0	0	1	0	0	0
Unknown	0	0	0	0	0	0	0	0
Asian	3,217	29	40	309	1,101	946	792	0
Male	1,816	20	18	164	544	574	496	0
Female	1,401	9	22	145	557	372	296	0
Unknown	0	0	0	0	0	0	0	0
Black or African American	1,030	25	47	202	479	226	51	0
Male	559	11	24	112	266	129	17	0
Female	471	14	23	90	213	97	34	0
Unknown	0	0	0	0	0	0	0	0
Native Hawaiian or Other Pacific Islander	19	0	0	1	6	5	7	0
Male	7	0	0	0	1	2	4	0
Female	12	0	0	1	5	3	3	0
Unknown	0	0	0	0	0	0	0	0
White	389	5	5	33	114	101	131	0
Male	210	2	2	18	61	58	69	0
Female	179	3	3	15	53	43	62	0
Unknown	0	0	0	0	0	0	0	0
Multiple Race ³	25	0	1	2	16	5	1	0
Male	14	0	1	0	9	3	1	0
Female	11	0	0	2	7	2	0	0
Unknown	0	0	0	0	0	0	0	0
Unknown	18	0	1	0	11	4	2	0
Male	12	0	0	0	7	4	1	0
Female	6	0	1	0	4	0	1	0
Unknown	0	0	0	0	0	0	0	0

¹Includes persons born outside the United States, American Samoa, the Federated States of Micronesia, Guam, the Republic of the Marshall Islands, Midway Island, the Commonwealth of the Northern Mariana Islands, Puerto Rico, the Republic of Palau, the U.S. Virgin Islands, and U.S. minor and outlying Pacific islands.

²Persons of Hispanic or Latino ethnicity may be of any race or multiple race.

³Indicates two or more races reported for a person. Category first reported in 2003.

Note: Case counts for race categories (American Indian or Alaska Native, Asian, Black or African American, Native Hawaiian or Other Pacific Islander, and White) are mutually exclusive and do not include persons of Hispanic ethnicity or multiple race. Multiple race does not include persons of Hispanic ethnicity.

See Technical Notes (page 9).

See Surveillance Slide #13.

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Table 19. Tuberculosis Cases by Country of Origin¹: United States, 2008

African Region					
Total Cases = 594					
Algeria	3	Ethiopia	180	Niger	5
Angola	0	Gabon	3	Nigeria	49
Benin	1	Gambia	7	Rwanda	2
Botswana	2	Ghana	25	Sao Tome and Principe	0
Burkina Faso	1	Guinea	18	Senegal	9
Burundi	8	Guinea-Bissau	0	Seychelles	1
Cameroon	26	Kenya	81	Sierra Leone	10
Cape Verde	7	Lesotho	0	South Africa	18
Central African Republic	1	Liberia	37	Swaziland	0
Chad	0	Madagascar	2	Tanzania, UR	8
Comoros	5	Malawi	3	Togo	6
Congo, Republic of	11	Mali	11	Uganda	12
Côte d'Ivoire	9	Mauritania	4	Zambia	5
DR Congo	2	Mauritius	0	Zimbabwe	9
Equatorial Guinea	0	Mozambique	4		
Eritrea	8	Namibia	1		

Americas Region					
Total Cases = 8,388					
Anguilla	0	Cuba	41	Panama	7
Antigua and Barbuda	2	Dominica	1	Paraguay	3
Argentina	5	Dominican Republic	88	Peru	144
Bahamas	2	Ecuador	113	Puerto Rico	59
Barbados	2	El Salvador	145	St. Kitts and Nevis	0
Belize	5	Grenada	2	St. Lucia	1
Bermuda	2	Guatemala	248	St. Vincent & Grenadines	0
Bolivia	15	Guyana	23	Suriname	0
Brazil	28	Haiti	238	Trinidad and Tobago	10
British Virgin Islands	0	Honduras	192	Turks and Caicos Islands	0
Canada	8	Jamaica	17	Uruguay	1
Cayman Islands	0	Mexico	1,753	U.S. Virgin Islands	1
Chile	5	Montserrat	1	United States of America	5,144
Colombia	43	Netherland Antilles	0	Venezuela	4
Costa Rica	3	Nicaragua	32		

Eastern Mediterranean Region					
Total Cases = 338					
Afghanistan	10	Lebanon	0	Sudan	25
Bahrain	0	Libyan Arab Jamahiriya	2	Syrian Arab Republic	1
Djibouti	0	Morocco	11	Tunisia	0
Egypt	7	Oman	0	United Arab Emirates	0
Iran, Islamic Republic of	19	Pakistan	89	West Bank and Gaza	0
Iraq	7	Qatar	0	Yemen	8
Jordan	3	Saudi Arabia	5		
Kuwait	1	Somalia	150		

Table 19. (Cont'd) Tuberculosis Cases by Country of Origin¹: United States, 2008

European Region					
Total Cases = 262					
Albania	6	Germany	12	Norway	0
Andorra	0	Greece	8	Poland	25
Armenia	10	Hungary	5	Portugal	16
Austria	2	Iceland	0	Romania	11
Azerbaijan	3	Ireland	1	Russian Federation	37
Belarus	1	Israel	1	San Marino	0
Belguim	1	Italy	11	Serbia	1
Bosnia and Herzegovina	21	Kazakhstan	0	Slovakia	0
Bulgaria	6	Kyrgyzstan	1	Slovenia	0
Croatia	2	Latvia	0	Spain	2
Cyprus	0	Lithuania	0	Sweden	1
Czech Republic	0	Luxembourg	0	Switzerland	1
Czechoslovakia	1	Macedonia, TFYR	3	Tajikistan	0
Denmark	1	Malta	0	Turkey	9
Estonia	0	Moldova, Republic of	2	Turkmenistan	1
Finland	0	Monaco	0	Ukraine	22
France	8	Montenegro	1	United Kingdom	14
Georgia	4	Netherlands	1	Uzbekistan	5
				Yugoslavia	5
Southeast Asia Region					
Total Cases = 963					
Bangladesh	56	Korea, DPR	28	Sri Lanka	3
Bhutan	8	Maldives	0	Thailand	59
India	599	Myanmar	112	Timor-Leste	0
Indonesia	28	Nepal	70		
Western Pacific Region					
Total Cases = 2,261					
American Samoa	1	Korea, Rep.	152	Philippines	855
Australia	0	Lao, PDR	65	Samoa	2
Brunei Darussalam	0	Malaysia	6	Singapore	3
Cambodia	75	Marshall Islands, Republic of	27	Solomon Islands	0
China	399	Micronesia, Federated States of	16	Tokelau	0
China, Hong Kong SAR	26	Mongolia	10	Tonga	4
China, Macao SAR	0	Nauru	0	Tuvalu	0
Cook Islands	0	New Caledonia	0	Vanuatu	0
Fiji	7	New Zealand	0	Viet nam	587
French Polynesia	0	Niue	0	Wallis and Futuna	0
Guam	8	N. Mariana Islands, Commonwealth of	1		
Japan	15	Palau, Republic of	1		
Kiribati	0	Papua New Guinea	1		
Other²					
Total Cases = 40					
Unknown					
Total Cases = 58					

¹Country as reported by patient.²Includes country codes currently reported via the National Tuberculosis Surveillance System that are not represented by WHO member states.**Note:** Regional composition of countries based on WHO Report *Global Tuberculosis Control 2009, Epidemiology, Strategy, Financing, World Health Organization (WHO/HTM/TB/2009.411)* (http://www.who.int/tb/publications/global_report/en/).

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