

Table 21. Tuberculosis Risk Factors¹, by Origin and Race/Ethnicity: United States, 2016

	Total eligible cases ²	MDR patient contact		Missed contact		Infectious TB patient contact		Incomplete LTBI therapy		TNF- α Inhibitors		Post-organ transplantation		Diabetes mellitus		Renal disease		Immuno-suppression		Other		None		Unknown	
		No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)
United States	9,252	9	(0.1)	53	(0.6)	633	(6.8)	208	(2.2)	56	(0.6)	53	(0.6)	1,522	(16.5)	207	(2.2)	409	(4.4)	2149	(23.2)	4097	(44.3)	595	(6.4)
U.S.-born total	2,901	4	(0.1)	33	(1.1)	367	(12.7)	87	(3.0)	11	(0.4)	20	(0.7)	358	(12.3)	56	(1.9)	154	(5.3)	827	(28.5)	1134	(39.1)	115	(4.0)
American Indian/ Alaska Native	110	1	(0.9)	1	(0.9)	22	(20.0)	7	(6.4)	0	(0)	1	(0.9)	18	(16.4)	6	(5.5)	4	(3.6)	22	(20.0)	48	(43.6)	2	(1.8)
Asian	146	1	(0.7)	2	(1.4)	32	(21.9)	1	(0.7)	0	(0)	0	(0)	10	(6.8)	1	(0.7)	5	(3.4)	34	(23.3)	56	(38.4)	11	(7.5)
Black/African American	1,068	1	(0.1)	15	(1.4)	132	(12.4)	40	(3.7)	1	(0.1)	5	(0.5)	145	(13.6)	25	(2.3)	47	(4.4)	304	(28.5)	398	(37.3)	53	(5.0)
Hispanic/Latino ³	603	0	(0)	5	(0.8)	99	(16.4)	6	(1.0)	1	(0.2)	3	(0.5)	90	(14.9)	11	(1.8)	15	(2.5)	149	(24.7)	261	(43.3)	19	(3.2)
Multiple races ⁴	21	0	(0)	2	(9.5)	2	(9.5)	0	(0)	0	(0)	1	(4.8)	2	(9.5)	0	(0)	1	(4.8)	5	(23.8)	5	(23.8)	3	(14.3)
Native Hawaiian/ Other Pacific Islander	32	0	(0)	0	(0)	10	(31.3)	1	(3.1)	0	(0)	0	(0)	8	(25.0)	2	(6.3)	0	(0)	6	(18.8)	11	(34.4)	1	(3.1)
White	915	1	(0.1)	8	(0.9)	70	(7.7)	32	(3.5)	9	(1.0)	10	(1.1)	84	(9.2)	11	(1.2)	81	(8.9)	305	(33.3)	354	(38.7)	24	(2.6)
Unknown	6	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	1	(16.7)	0	(0)	1	(16.7)	2	(33.3)	1	(16.7)	2	(33.3)

Table 21. (Con't) Tuberculosis Risk Factors¹, by Origin and Race/Ethnicity: United States, 2016

	Total eligible cases ²	MDR patient contact		Missed contact		Infectious TB patient contact		Incomplete LTBI therapy		TNF-α inhibitors		Post-organ transplantation		Diabetes mellitus		Renal disease		Immuno-suppression		Other		None		Unknown	
		No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)
Non-U.S.–born total	6,351	5	(0.1)	20	(0.3)	266	(4.2)	121	(1.9)	45	(0.7)	33	(0.5)	1,164	(18.3)	151	(2.4)	255	(4.0)	1322	(20.8)	2963	(46.7)	480	(7.6)
Non-U.S.–born	American Indian/Alaska Native	2	0 (0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	2	(100.0)	0	(0)
	Asian	3,045	4 (0.1)	4	(0.1)	103	(3.4)	63	(2.1)	32	(1.1)	22	(0.7)	598	(19.6)	82	(2.7)	148	(4.9)	702	(23.1)	1333	(43.8)	237	(7.8)
	Black/African American	906	0 (0)	2	(0.2)	33	(3.6)	31	(3.4)	2	(0.2)	2	(0.2)	85	(9.4)	9	(1.0)	15	(1.7)	167	(18.4)	505	(55.7)	79	(8.7)
	Hispanic/Latino ³	1,987	0 (0)	7	(0.4)	101	(5.1)	21	(1.1)	8	(0.4)	4	(0.2)	412	(20.7)	49	(2.5)	66	(3.3)	374	(18.8)	964	(48.5)	105	(5.3)
	Multiple races ⁴	42	0 (0)	1	(2.4)	2	(4.8)	0	(0)	0	(0)	1	(2.4)	7	(16.7)	0	(0)	3	(7.1)	7	(16.7)	17	(40.5)	7	(16.7)
	Native Hawaiian/Other Pacific Islander	47	0 (0)	3	(6.4)	14	(29.8)	1	(2.1)	0	(0)	0	(0)	16	(34.0)	3	(6.4)	0	(0)	8	(17.0)	10	(21.3)	3	(6.4)
	White	290	1 (0.3)	3	(1.0)	9	(3.1)	5	(1.7)	3	(1.0)	4	(1.4)	43	(14.8)	7	(2.4)	22	(7.6)	59	(20.3)	123	(42.4)	39	(13.4)
	Unknown	32	0 (0)	0	(0)	4	(12.5)	0	(0)	0	(0)	0	(0)	3	(9.4)	1	(3.1)	1	(3.1)	5	(15.6)	9	(28.1)	10	(31.3)

¹Includes the number of risk factors reported (which may be more than one per case) and the number of cases with no information on additional risk factors. The sum of risk factors is greater than the total number of cases because more than one risk factor may be selected per case.

²Excludes TB risk factor information for 20 cases with unknown origin.

³Persons of Hispanic/Latino origin may be of any or multiple race.

⁴Indicates two or more races reported for a person, and does not include persons of Hispanic/Latino origin.

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