

Table 67. Characteristics of Tuberculosis Cases Estimated to be Attributed to Overall and Extensive Recent Transmission: United States¹, 2015–2016

Case characteristics	Total genotyped cases ²	Cases not attributed to overall recent transmission		Cases attributed to overall recent transmission ³		Cases attributed to extensive recent transmission ⁴	
		No.	(%)	No.	(%)	No.	(%)
Total	13,777	11,883	(86.3)	1,894	(13.7)	690	(5.0)
Origin of birth							
U.S.-born	4,272	3,154	(73.8)	1,118	(26.2)	494	(11.6)
Non-U.S.-born	9,484	8,712	(91.9)	772	(8.1)	194	(2.1)
Unknown or missing	21	17	(81.0)	4	(19.0)	2	(9.5)
Race and ethnicity							
Hispanic/Latino	3,714	3,154	(84.9)	560	(15.1)	160	(4.3)
American Indian/Alaska Native	193	122	(63.2)	71	(36.8)	37	(19.2)
Asian	5,009	4,623	(92.3)	386	(7.7)	113	(2.3)
Black/African American	2,821	2,223	(78.8)	598	(21.2)	276	(9.8)
Native Hawaiian/Other Pacific Islander	125	93	(74.4)	32	(25.6)	15	(12.0)
White	1,784	1,553	(87.1)	231	(12.9)	85	(4.8)
Multiple race	87	72	(82.8)	15	(17.2)	4	(4.6)
Unknown or missing	44	43	(97.7)	1	(2.3)	0	(0)
Age group (years)							
0–4	120	63	(52.5)	57	(47.5)	12	(10.0)
5–14	106	77	(72.6)	29	(27.4)	9	(8.5)
15–24	1,380	1,168	(84.6)	212	(15.4)	65	(4.7)
25–44	4,202	3,576	(85.1)	626	(14.9)	211	(5.0)
45–64	4,386	3,670	(83.7)	716	(16.3)	315	(7.2)
≥65	3,577	3,323	(92.9)	254	(7.1)	78	(2.2)
Unknown	6	6	(100.0)	0	(0)	0	(0)
Disease site							
Pulmonary only	10,108	8,607	(85.2)	1,501	(14.8)	564	(5.6)
Extrapulmonary	2,115	1,907	(90.2)	208	(9.8)	60	(2.8)
Both	1,546	1,361	(88.0)	185	(12.0)	66	(4.3)
Unknown	8	8	(100.0)	0	(0)	0	(0)
Sputum smear							
Positive	6,547	5,567	(85.0)	980	(15.0)	367	(5.6)
Negative	5,543	4,821	(87.0)	722	(13.0)	265	(4.8)
Not done	1,669	1,447	(86.7)	192	(11.5)	58	(3.5)
Unknown or missing	18	18	(100.0)	0	(0)	1	(5.6)
Cavitary disease⁵							
Yes	141	119	(84.4)	22	(15.6)	11	(7.8)
No	1,104	968	(87.7)	136	(12.3)	50	(4.5)
Unknown or missing	2	2	(100.0)	0	(0)	0	(0)
Homeless within past year							
Yes	753	477	(63.4)	276	(36.7)	162	(21.5)
No	12,957	11,344	(87.6)	1,613	(12.4)	527	(4.1)
Unknown or missing	67	62	(92.5)	5	(7.5)	1	(1.5)

Table 67. (Con't) Characteristics of Tuberculosis Cases Estimated to be Attributed to Overall and Extensive Recent Transmission: United States¹, 2015–2016

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		No.	(%)	No.	(%)	No.	(%)
Excess alcohol use within the past year							
Yes	1,517	1,080	(71.2)	437	(28.8)	200	(13.2)
No	12,088	10,651	(88.1)	1,437	(11.9)	488	(4.0)
Unknown or missing	172	152	(88.4)	20	(11.6)	2	(1.2)
Injecting illicit drug use within past year							
Yes	197	128	(65.0)	69	(35.0)	25	(12.7)
No	13,422	11,629	(86.6)	1,793	(13.4)	658	(4.9)
Unknown or missing	158	126	(79.7)	32	(20.3)	7	(4.4)
Noninjecting illicit drug use within past year							
Yes	1,011	677	(67.0)	334	(33.0)	144	(14.2)
No	12,612	11,085	(87.9)	1,527	(12.1)	536	(4.3)
Unknown or missing	154	121	(78.6)	33	(21.4)	10	(6.5)
Resident of a correctional facility at the time of diagnosis							
Yes	449	351	(78.2)	98	(21.8)	56	(12.5)
No	12,582	10,928	(86.9)	1,654	(13.1)	571	(4.5)
Unknown or missing	746	604	(81.0)	142	(19.0)	63	(8.5)
HIV status							
Positive	705	585	(83.0)	120	(17.0)	57	(8.1)
Negative	11,632	10,010	(86.1)	1,622	(13.9)	594	(5.1)
Refused testing	321	281	(87.5)	40	(12.5)	14	(4.4)
Testing not offered	760	684	(90.0)	76	(10.0)	18	(2.4)
Unknown, missing or indeterminate	359	323	(90.0)	36	(10.0)	7	(2.0)
Multidrug-resistant TB							
Yes	182	162	(89.0)	20	(11.0)	4	(2.2)
No	13,295	11,458	(86.2)	1,837	(13.8)	675	(5.1)
Unknown or missing	300	263	(87.7)	37	(12.3)	11	(3.7)

¹Oklahoma cases were excluded because they lacked sufficient geographic data to apply the plausible source-case method.

²Total number of *M. tuberculosis* genotyped cases that are eligible to be evaluated for recent transmission (i.e., complete data for the plausible-source case method's algorithm).

³Number of cases attributed to overall recent transmission includes any given case with a plausible source case regardless of cluster size.

⁴Number of cases attributed to extensive recent transmission includes only cases in a plausible chain of transmission of six or more cases (five secondary and one source case).

⁵Cavitary disease only assessed for persons with pulmonary TB and an abnormal x-ray.