

Table 51. Tuberculosis Diagnostic Tests, by Type of Laboratory: Reporting Areas, 2016

Reporting area	Nucleic acid amplification test					Sputum culture					Culture of tissue or other fluids				
	Total <sup>1</sup>	Commercial lab	Public health lab	Other lab	Missing	Total <sup>2</sup>	Commercial lab	Public health lab	Other lab	Missing	Total <sup>3</sup>	Commercial lab	Public health lab	Other lab	Missing
	No.	(%)	(%)	(%)	(%)	No.	(%)	(%)	(%)	(%)	No.	(%)	(%)	(%)	(%)
<b>United States</b>	<b>5,770</b>	<b>(28.6)</b>	<b>(50.3)</b>	<b>(12.3)</b>	<b>(8.8)</b>	<b>7,599</b>	<b>(26.7)</b>	<b>(46.8)</b>	<b>(13.4)</b>	<b>(13.1)</b>	<b>4,432</b>	<b>(42.7)</b>	<b>(23.8)</b>	<b>(22.1)</b>	<b>(11.4)</b>
Alabama	69	(7.2)	(89.9)	(2.9)	(0)	104	(7.7)	(88.5)	(2.9)	(1.0)	37	(24.3)	(45.9)	(24.3)	(5.4)
Alaska	31	(3.2)	(80.6)	(16.1)	(0)	53	(1.9)	(96.2)	(1.9)	(0)	12	(25.0)	(75.0)	(0)	(0)
Arizona	87	(28.7)	(47.1)	(24.1)	(0)	167	(12.6)	(72.5)	(15.0)	(0)	80	(28.8)	(25.0)	(46.3)	(0)
Arkansas	74	(1.4)	(93.2)	(5.4)	(0)	82	(2.4)	(89.0)	(7.3)	(1.2)	42	(23.8)	(26.2)	(47.6)	(2.4)
California	1,319	(41.3)	(40.9)	(16.5)	(1.3)	1,754	(44.4)	(39.3)	(15.3)	(1.0)	891	(54.4)	(18.9)	(24.7)	(2.0)
Colorado	34	(29.4)	(35.3)	(11.8)	(23.5)	50	(18.0)	(28.0)	(6.0)	(48.0)	32	(31.3)	(6.3)	(21.9)	(40.6)
Connecticut	33	(45.5)	(54.5)	(0)	(0)	44	(25.0)	(75.0)	(0)	(0)	33	(48.5)	(51.5)	(0)	(0)
Delaware	11	(9.1)	(27.3)	(63.6)	(0)	12	(16.7)	(50.0)	(33.3)	(0)	10	(30.0)	(20.0)	(50.0)	(0)
District of Columbia	18	(0)	(0)	(100.0)	(0)	23	(0)	(0)	(100.0)	(0)	12	(0)	(0)	(100.0)	(0)
Florida	505	(15.2)	(82.0)	(2.8)	(0)	558	(17.0)	(80.8)	(2.2)	(0)	285	(45.6)	(46.3)	(8.1)	(0)
Georgia	187	(42.8)	(46.0)	(7.0)	(4.3)	250	(22.8)	(66.0)	(10.8)	(0.4)	138	(71.0)	(26.1)	(0)	(2.9)
Hawaii	100	(98.0)	(0)	(1.0)	(1.0)	110	(98.2)	(0)	(1.8)	(0)	45	(97.8)	(0)	(2.2)	(0)
Idaho	12	(16.7)	(83.3)	(0)	(0)	10	(0)	(100.0)	(0)	(0)	9	(11.1)	(66.7)	(22.2)	(0)
Illinois	152	(52.0)	(36.8)	(11.2)	(0)	253	(41.1)	(37.5)	(20.2)	(1.2)	176	(68.8)	(8.5)	(22.7)	(0)
Indiana	55	(20.0)	(56.4)	(23.6)	(0)	84	(11.9)	(65.5)	(22.6)	(0)	42	(40.5)	(14.3)	(45.2)	(0)
Iowa	40	(17.5)	(82.5)	(0)	(0)	37	(8.1)	(91.9)	(0)	(0)	23	(34.8)	(65.2)	(0)	(0)
Kansas	20	(45.0)	(55.0)	(0)	(0)	35	(25.7)	(74.3)	(0)	(0)	17	(64.7)	(35.3)	(0)	(0)
Kentucky	73	(16.4)	(67.1)	(15.1)	(1.4)	88	(9.1)	(80.7)	(10.2)	(0)	50	(22.0)	(40.0)	(38.0)	(0)
Louisiana	78	(41.0)	(50.0)	(5.1)	(3.8)	107	(46.7)	(43.0)	(8.4)	(1.9)	35	(94.3)	(2.9)	(2.9)	(0)
Maine	16	(0)	(93.8)	(6.3)	(0)	18	(0)	(94.4)	(5.6)	(0)	9	(0)	(100.0)	(0)	(0)
Maryland	149	(37.6)	(61.7)	(0.7)	(0)	206	(26.7)	(72.3)	(1.0)	(0)	114	(61.4)	(34.2)	(4.4)	(0)
Massachusetts	109	(14.7)	(45.0)	(0)	(40.4)	125	(27.2)	(33.6)	(0)	(39.2)	124	(35.5)	(37.9)	(0)	(26.6)
Michigan	58	(6.9)	(51.7)	(39.7)	(1.7)	86	(0)	(100.0)	(0)	(0)	55	(16.4)	(50.9)	(32.7)	(0)
Minnesota	91	(65.9)	(30.8)	(3.3)	(0)	119	(59.7)	(40.3)	(0)	(0)	97	(57.7)	(42.3)	(0)	(0)
Mississippi	49	(2.0)	(0)	(55.1)	(42.9)	53	(3.8)	(0)	(60.4)	(35.8)	37	(5.4)	(0)	(73.0)	(21.6)
Missouri	28	(14.3)	(71.4)	(0)	(14.3)	85	(16.5)	(77.6)	(0)	(5.9)	54	(50.0)	(37.0)	(0)	(13.0)
Montana	4	(25.0)	(75.0)	(0)	(0)	4	(25.0)	(75.0)	(0)	(0)	1	(100.0)	(0)	(0)	(0)
Nebraska	13	(23.1)	(46.2)	(23.1)	(7.7)	18	(11.1)	(38.9)	(38.9)	(11.1)	10	(10.0)	(30.0)	(30.0)	(30.0)
Nevada	33	(15.2)	(81.8)	(0)	(3.0)	46	(32.6)	(65.2)	(2.2)	(0)	25	(76.0)	(24.0)	(0)	(0)
New Hampshire	12	(0)	(83.3)	(8.3)	(8.3)	12	(16.7)	(83.3)	(0)	(0)	6	(50.0)	(16.7)	(16.7)	(16.7)
New Jersey	83	(48.2)	(7.2)	(44.6)	(0)	229	(31.0)	(34.5)	(34.1)	(0.4)	150	(43.3)	(1.3)	(55.3)	(0)
New Mexico	20	(40.0)	(60.0)	(0)	(0)	35	(48.6)	(48.6)	(0)	(2.9)	19	(57.9)	(42.1)	(0)	(0)

**Table 51. (Con't) Tuberculosis Diagnostic Tests, by Type of Laboratory: Reporting Areas, 2016**

Reporting area	Nucleic acid amplification test					Sputum culture					Culture of tissue or other fluids				
	Total <sup>1</sup>	Commercial lab	Public health lab	Other lab	Missing	Total <sup>2</sup>	Commercial lab	Public health lab	Other lab	Missing	Total <sup>3</sup>	Commercial lab	Public health lab	Other lab	Missing
	No.	(%)	(%)	(%)	(%)	No.	(%)	(%)	(%)	(%)	No.	(%)	(%)	(%)	(%)
New York State <sup>4</sup>	127	(17.3)	(37.8)	(10.2)	(34.6)	174	(23.6)	(21.8)	(15.5)	(39.1)	115	(23.5)	(25.2)	(20.9)	(30.4)
New York City	474	(6.3)	(63.7)	(23.8)	(6.1)	495	(12.7)	(7.9)	(49.5)	(29.9)	281	(6.8)	(3.9)	(56.9)	(32.4)
North Carolina	120	(40.0)	(60.0)	(0)	(0)	185	(20.5)	(55.1)	(24.3)	(0)	124	(40.3)	(12.1)	(46.8)	(0.8)
North Dakota	9	(66.7)	(33.3)	(0)	(0)	19	(63.2)	(36.8)	(0)	(0)	12	(58.3)	(33.3)	(0)	(8.3)
Ohio	76	(78.9)	(21.1)	(0)	(0)	109	(78.9)	(21.1)	(0)	(0)	93	(89.2)	(10.8)	(0)	(0)
Oklahoma	53	(7.5)	(84.9)	(7.5)	(0)	55	(3.6)	(94.5)	(1.8)	(0)	27	(11.1)	(77.8)	(11.1)	(0)
Oregon	49	(8.2)	(42.9)	(40.8)	(8.2)	55	(9.1)	(45.5)	(29.1)	(16.4)	33	(9.1)	(30.3)	(48.5)	(12.1)
Pennsylvania	72	(15.3)	(62.5)	(9.7)	(12.5)	127	(26.8)	(59.1)	(9.4)	(4.7)	109	(50.5)	(20.2)	(25.7)	(3.7)
Rhode Island	10	(40.0)	(60.0)	(0)	(0)	9	(0)	(100.0)	(0)	(0)	8	(25.0)	(75.0)	(0)	(0)
South Carolina	60	(13.3)	(71.7)	(15.0)	(0)	71	(15.5)	(76.1)	(8.5)	(0)	48	(41.7)	(25.0)	(33.3)	(0)
South Dakota	11	(0)	(90.9)	(9.1)	(0)	11	(0)	(100.0)	(0)	(0)	4	(0)	(100.0)	(0)	(0)
Tennessee	63	(47.6)	(50.8)	(1.6)	(0)	93	(20.4)	(66.7)	(12.9)	(0)	50	(52.0)	(32.0)	(16.0)	(0)
Texas	823	(13.2)	(41.4)	(8.7)	(36.6)	946	(5.4)	(23.7)	(5.1)	(65.9)	619	(17.6)	(25.5)	(14.1)	(42.8)
Utah	10	(70.0)	(30.0)	(0)	(0)	17	(52.9)	(47.1)	(0)	(0)	8	(100.0)	(0)	(0)	(0)
Vermont	4	(50.0)	(50.0)	(0)	(0)	4	(50.0)	(25.0)	(25.0)	(0)	2	(50.0)	(0)	(50.0)	(0)
Virginia	71	(31.0)	(49.3)	(19.7)	(0)	185	(15.1)	(74.1)	(9.2)	(1.6)	102	(37.3)	(38.2)	(22.5)	(2.0)
Washington	137	(50.4)	(39.4)	(3.6)	(6.6)	149	(42.3)	(47.7)	(4.0)	(6.0)	98	(91.8)	(2.0)	(1.0)	(5.1)
West Virginia	7	(42.9)	(57.1)	(0)	(0)	10	(0)	(100.0)	(0)	(0)	5	(80.0)	(0)	(20.0)	(0)
Wisconsin	30	(13.3)	(83.3)	(0)	(3.3)	27	(22.2)	(70.4)	(0)	(7.4)	24	(29.2)	(41.7)	(0)	(29.2)
Wyoming	1	(0)	(100.0)	(0)	(0)	1	(0)	(0)	(100.0)	(0)	0	...	...	...	...
American Samoa <sup>5</sup>	0	...	...	...	...	1	(0)	(100.0)	(0)	(0)	0	...	...	...	...
Fed. States of Micronesia <sup>5</sup>	26	(92.3)	(3.8)	(3.8)	(0)	87	(96.6)	(2.3)	(0)	(1.1)	12	(100.0)	(0)	(0)	(0)
Guam <sup>5</sup>	54	(33.3)	(55.6)	(1.9)	(9.3)	53	(77.4)	(13.2)	(1.9)	(7.5)	5	(20.0)	(20.0)	(20.0)	(40.0)
Marshall Islands <sup>5</sup>	112	(16.1)	(76.8)	(4.5)	(2.7)	120	(95.8)	(1.7)	(1.7)	(0.8)	3	(100.0)	(0)	(0)	(0)
N. Mariana Islands <sup>5</sup>	22	(0)	(100.0)	(0)	(0)	20	(95.0)	(0)	(5.0)	(0)	0	...	...	...	...
Puerto Rico <sup>5</sup>	27	(0)	(100.0)	(0)	(0)	59	(5.1)	(94.9)	(0)	(0)	16	(12.5)	(87.5)	(0)	(0)
Republic of Palau <sup>5</sup>	19	(5.3)	(94.7)	(0)	(0)	17	(100.0)	(0)	(0)	(0)	0	...	...	...	...
U.S. Virgin Islands <sup>5</sup>	0	...	...	...	...	0	...	...	...	...	0	...	...	...	...

<sup>1</sup>Number of patients with positive or negative NAA test results.

<sup>2</sup>Number of patients with positive or negative sputum culture test results.

<sup>3</sup>Number of patients with positive or negative culture of tissue and other body fluid test results.

<sup>4</sup>Excludes New York City.

<sup>5</sup>Not included in U.S. totals.

**Note:** Ellipses (...) indicate that the percentage cannot be calculated, and the denominator is 0.