

## Ohio TB Morbidity by County and Seven Major Cities, 2019-2023

	Number of Cases						Case Rates					
Counties	19	20	21	22	23	19-23 Avg	19	20	21	22	23	19-23 Avg
Adams	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Allen	0	0	1	3	3	1.4	0.0	0.0	1.0	2.9	3.0	1.4
Ashland	0	1	0	0	0	0.2	0.0	1.9	0.0	0.0	0.0	0.4
Ashtabula	0	0	1	1	0	0.4	0.0	0.0	1.0	1.0	0.0	0.4
Athens	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Auglaize	0	0	0	1	0	0.2	0.0	0.0	0.0	2.2	0.0	0.4
Belmont	0	0	2	0	0	0.4	0.0	0.0	3.0	0.0	0.0	0.6
Brown	1	0	1	0	0	0.4	2.3	0.0	2.3	0.0	0.0	0.9
Butler	9	5	6	5	7	6.4	2.3	1.3	1.5	1.3	1.8	1.6
Carroll	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Champaign	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Clark	1	3	1	3	4	2.4	0.7	2.2	0.7	2.2	3.0	1.8
Clermont	1	0	0	0	0	0.2	0.5	0.0	0.0	0.0	0.0	0.1
Clinton	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Columbiana	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Coshocton	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Crawford	0	0	0	0	1	0.2	0.0	0.0	0.0	0.0	2.4	0.5
Cuyahoga	25	15	22	28	23	22.6	2.0	1.2	1.7	2.2	1.9	1.8
Darke	1	0	2	0	1	0.8	2.0	0.0	3.9	0.0	1.9	1.6
Defiance	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delaware	2	0	0	2	4	1.6	1.0	0.0	0.0	0.9	1.7	0.7
Erie	1	0	0	1	0	0.4	1.3	0.0	0.0	1.3	0.0	0.5
Fairfield	0	0	1	1	1	0.6	0.0	0.0	0.6	0.6	0.6	0.4
Fayette	0	1	1	1	0	0.6	0.0	3.5	3.5	3.5	0.0	2.1
Franklin	47	52	47	48	70	52.8	3.6	3.9	3.5	3.6	5.3	4.0
Fulton	1	0	0	0	0	0.2	2.4	0.0	0.0	0.0	0.0	0.5
Gallia	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Geauga	1	0	0	0	0	0.2	1.1	0.0	0.0	0.0	0.0	0.2
Greene	0	0	0	0	4	0.8	0.0	0.0	0.0	0.0	2.4	0.5
Guernsey	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hamilton	22	9	19	16	20	17.2	2.7	1.1	2.3	1.9	2.4	2.1
Hancock	1	0	0	0	2	0.6	1.3	0.0	0.0	0.0	2.7	0.8
Hardin	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Harrison	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Henry	0	0	0	0	0	<b>0.0</b>
Highland	0	0	2	0	1	<b>0.6</b>
Hocking	0	0	0	0	0	<b>0.0</b>

0.0	0.0	0.0	0.0	0.0	<b>0.0</b>
0.0	0.0	4.6	0.0	2.3	<b>1.4</b>
0.0	0.0	0.0	0.0	0.0	<b>0.0</b>

	Number of Cases					
Counties	19	20	21	22	23	19-23 Avg
Holmes	0	0	0	1	0	<b>0.2</b>
Huron	0	0	0	1	0	<b>0.2</b>
Jackson	0	0	0	2	0	<b>0.4</b>
Jefferson	0	0	0	0	0	<b>0.0</b>
Knox	1	0	0	1	0	<b>0.4</b>
Lake	0	1	1	0	0	<b>0.4</b>
Lawrence	0	1	0	2	0	<b>0.6</b>
Licking	0	1	3	6	2	<b>2.4</b>
Logan	0	0	0	0	0	<b>0.0</b>
Lorain	6	2	2	2	3	<b>3.0</b>
Lucas	2	2	3	1	3	<b>2.2</b>
Madison	0	0	2	0	0	<b>0.4</b>
Mahoning	1	3	2	0	1	<b>1.4</b>
Marion	0	0	0	0	0	<b>0.0</b>
Medina	3	2	0	2	0	<b>1.4</b>
Meigs	0	0	0	0	1	<b>0.2</b>
Mercer	0	0	0	2	0	<b>0.4</b>
Miami	0	0	1	0	2	<b>0.6</b>
Monroe	0	0	0	0	0	<b>0.0</b>
Montgomery	6	7	10	4	8	<b>7.0</b>
Morgan	0	0	0	0	0	<b>0.0</b>
Morrow	0	0	0	0	0	<b>0.0</b>
Muskingum	1	0	0	1	0	<b>0.4</b>
Noble	0	0	0	0	0	<b>0.0</b>
Ottawa	2	0	0	0	0	<b>0.4</b>
Paulding	0	0	0	0	0	<b>0.0</b>
Perry	0	0	0	0	0	<b>0.0</b>
Pickaway	0	0	0	0	0	<b>0.0</b>
Pike	0	0	0	0	0	<b>0.0</b>
Portage	1	0	0	0	0	<b>0.2</b>
Preble	0	1	1	0	0	<b>0.4</b>
Putnam	0	1	0	0	0	<b>0.2</b>

Case Rates					
19	20	21	22	23	19-23 Avg
0.0	0.0	0.0	2.3	0.0	<b>0.5</b>
0.0	0.0	0.0	1.7	0.0	<b>0.3</b>
0.0	0.0	0.0	6.1	0.0	<b>1.2</b>
0.0	0.0	0.0	0.0	0.0	<b>0.0</b>
1.6	0.0	0.0	1.6	0.0	<b>0.6</b>
0.0	0.4	0.4	0.0	0.0	<b>0.2</b>
0.0	1.7	0.0	3.5	0.0	<b>1.0</b>
0.0	0.6	1.7	3.3	1.1	<b>1.3</b>
0.0	0.0	0.0	0.0	0.0	<b>0.0</b>
1.9	0.6	0.6	0.6	0.9	<b>1.0</b>
0.5	0.5	0.7	0.2	0.7	<b>0.5</b>
0.0	0.0	4.5	0.0	0.0	<b>0.9</b>
0.4	1.3	0.9	0.0	0.4	<b>0.6</b>
0.0	0.0	0.0	0.0	0.0	<b>0.0</b>
1.7	1.1	0.0	1.1	0.0	<b>0.8</b>
0.0	0.0	0.0	0.0	4.6	<b>0.9</b>
0.0	0.0	0.0	4.7	0.0	<b>0.9</b>
0.0	0.0	0.9	0.0	1.8	<b>0.5</b>
0.0	0.0	0.0	0.0	0.0	<b>0.0</b>
1.1	1.3	1.9	0.7	1.5	<b>1.3</b>
0.0	0.0	0.0	0.0	0.0	<b>0.0</b>
0.0	0.0	0.0	0.0	0.0	<b>0.0</b>
1.2	0.0	0.0	1.2	0.0	<b>0.5</b>
0.0	0.0	0.0	0.0	0.0	<b>0.0</b>
4.9	0.0	0.0	0.0	0.0	<b>1.0</b>
0.0	0.0	0.0	0.0	0.0	<b>0.0</b>
0.0	0.0	0.0	0.0	0.0	<b>0.0</b>
0.0	0.0	0.0	0.0	0.0	<b>0.0</b>
0.6	0.0	0.0	0.0	0.0	<b>0.1</b>
0.0	2.4	2.4	0.0	0.0	<b>1.0</b>
0.0	2.9	0.0	0.0	0.0	<b>0.6</b>

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Richland	0	1	0	0	0	<b>0.2</b>
Ross	0	2	0	1	0	<b>0.6</b>
Sandusky	0	0	0	0	0	<b>0.0</b>
Scioto	0	0	0	0	0	<b>0.0</b>
Seneca	1	0	0	0	0	<b>0.2</b>
Shelby	0	1	0	1	1	<b>0.6</b>

0.0	0.8	0.0	0.0	0.0	<b>0.2</b>
0.0	2.6	0.0	1.3	0.0	<b>0.8</b>
0.0	0.0	0.0	0.0	0.0	<b>0.0</b>
0.0	0.0	0.0	0.0	0.0	<b>0.0</b>
1.8	0.0	0.0	0.0	0.0	<b>0.4</b>
0.0	2.1	0.0	2.1	2.1	<b>1.2</b>

	Number of Cases					
Counties	19	20	21	22	23	19-23 Avg
Stark	2	0	3	0	2	<b>1.4</b>
Summit	8	12	10	5	16	<b>10.2</b>
Trumbull	0	0	0	0	0	<b>0.0</b>
Tuscarawas	2	3	2	0	2	<b>1.8</b>
Union	0	1	0	0	1	<b>0.4</b>
Van Wert	0	0	0	0	0	<b>0.0</b>
Vinton	0	0	0	0	0	<b>0.0</b>
Warren	1	4	3	3	2	<b>2.6</b>
Washington	0	0	0	0	1	<b>0.2</b>
Wayne	0	0	0	1	2	<b>0.6</b>
Williams	0	0	0	0	0	<b>0.0</b>
Wood	0	0	1	1	2	<b>0.8</b>
Wyandot	0	0	0	0	0	<b>0.0</b>
<b>Total</b>	<b>150</b>	<b>131</b>	<b>150</b>	<b>147</b>	<b>190</b>	<b>153.6</b>

Case Rates					
19	20	21	22	23	19-23 Avg
0.5	0.0	0.8	0.0	0.5	<b>0.4</b>
1.5	2.2	1.9	0.9	3.0	<b>1.9</b>
0.0	0.0	0.0	0.0	0.0	<b>0.0</b>
2.2	3.2	2.2	0.0	2.2	<b>1.9</b>
0.0	1.6	0.0	0.0	1.4	<b>0.6</b>
0.0	0.0	0.0	0.0	0.0	<b>0.0</b>
0.0	0.0	0.0	0.0	0.0	<b>0.0</b>
0.4	1.6	1.2	1.2	0.8	<b>1.1</b>
0.0	0.0	0.0	0.0	1.7	<b>0.3</b>
0.0	0.0	0.0	0.9	1.7	<b>0.5</b>
0.0	0.0	0.0	0.0	0.0	<b>0.0</b>
0.0	0.0	0.8	0.8	1.5	<b>0.6</b>
0.0	0.0	0.0	0.0	0.0	<b>0.0</b>
<b>1.3</b>	<b>1.1</b>	<b>1.3</b>	<b>1.3</b>	<b>1.6</b>	<b>1.3</b>

	Number of Cases					
Cities	19	20	21	22	23	19-23 Avg
Akron	4	8	8	1	7	<b>5.6</b>
Cincinnati	22	10	18	16	19	<b>17.0</b>
Cleveland	16	9	14	16	15	<b>14.0</b>
Columbus	38	41	37	29	51	<b>39.2</b>
Dayton	3	6	8	3	7	<b>5.4</b>
Toledo	1	2	1	1	3	<b>1.6</b>
Youngstown	1	3	2	0	1	<b>1.4</b>
<b>Total</b>	<b>85</b>	<b>79</b>	<b>88</b>	<b>66</b>	<b>103</b>	<b>84.2</b>

Case Rates					
19	20	21	22	23	19-23 Avg
2.0	4.2	4.2	0.5	3.7	<b>2.9</b>
7.2	3.2	5.8	5.2	6.1	<b>5.5</b>
4.2	2.4	3.8	4.4	4.1	<b>3.8</b>
4.2	4.5	4.1	3.2	5.6	<b>4.3</b>
2.1	4.4	5.8	2.2	5.2	<b>3.9</b>
0.4	0.7	0.4	0.4	1.1	<b>0.6</b>
1.5	5.0	3.4	0.0	1.7	<b>2.3</b>
<b>3.8</b>	<b>3.5</b>	<b>3.9</b>	<b>3.0</b>	<b>4.6</b>	<b>3.8</b>

Rates are shown per 100,000 population and were calculated using census estimates for that year. 2019-2023 average rates were calculated by using the average number of cases and the average population from 2019-2023. Caution should be used when interpreting small numbers.