

# Tuberculosis Quarterly Surveillance Report with Data Comparison

**OCT. 1 – DEC. 31, 2024**

The tables below describe the epidemiology of the confirmed cases of tuberculosis disease reported to the Minnesota Department of Health from Oct. 1, 2024, through Dec. 31, 2024, and cumulatively in 2024. Year-to-date data for 2023 are also included for comparison.

**Q:** This quarter

**YTD:** Year to date

**NOTE:** Percentages may not total 100% due to rounding.

**Table 1. Number of Cases of Tuberculosis by Location of Residence, Minnesota**

Location of Residence	Q Number	Q (%)	YTD Number	YTD (%)	2023 YTD	2023 YTD (%)
Hennepin County	35	(39)	74	(38)	63	(39)
Ramsey County	18	(20)	37	(19)	37	(23)
Other Metropolitan Counties*	16	(18)	50	(26)	23	(14)
Olmsted County	6	(7)	9	(5)	5	(3)
Other Counties	15	(17)	25	(13)	32	(20)
<b>Total</b>	<b>90</b>	<b>(100)</b>	<b>195</b>	<b>(100)</b>	<b>160</b>	<b>(100)</b>

\*Anoka, Carver, Dakota, Scott, and Washington counties

**Table 2. Number of Cases of Tuberculosis by Race/Ethnicity, Minnesota**

Race/Ethnicity	Q Number	Q (%)	YTD Number	YTD (%)	2023 YTD	2023 YTD (%)
White	3	(3)	10	(5)	7	(4)
Black	46	(51)	94	(48)	73	(46)
Hispanic/Latine	24	(27)	44	(23)	29	(18)
Asian	15	(17)	45	(23)	44	(28)
Hawaiian/Other Pacific Islander	2	(2)	2	(1)	7	(4)
American Indian	0	(0)	0	(0)	0	(0)
Multi-Racial	0	(0)	0	(0)	0	(0)
<b>Total</b>	<b>90</b>	<b>(100)</b>	<b>195</b>	<b>(100)</b>	<b>160</b>	<b>(100)</b>

**Table 3. Number of Cases of Tuberculosis by Age, Minnesota**

Age	Q Number	Q (%)	YTD Number	YTD (%)	2023 YTD	2023 YTD (%)
<5 years	6	(7)	7	(4)	8	(5)
5-14 years	4	(4)	7	(4)	16	(10)
15-24 years	16	(18)	29	(15)	20	(12)
25-44 years	33	(37)	78	(40)	59	(37)
45-64 years	17	(19)	35	(18)	29	(18)
> 65 years	14	(16)	39	(20)	28	(18)
<b>Total</b>	<b>90</b>	<b>(100)</b>	<b>195</b>	<b>(100)</b>	<b>160</b>	<b>(100)</b>

**Table 4. Number of Cases of Tuberculosis by Risk Category, Minnesota\***

Risk Category	Q Number (n = 90)	Q (%)	YTD Number (n = 195)	YTD (%)	2023 YTD (n = 160)	2023 YTD (%)
Non-U.S.-born	71	(79)	162	(83)	125	(78)
Substance use**	8	(9)	14	(7)	5	(3)
Homelessness	3	(3)	5	(3)	4	(2)
Living with HIV	3	(3)	8	(4)	3	(2)
Other medical condition <sup>+</sup>	29	(32)	63	(32)	67	(42)
Incarceration	2	(2)	3	(2)	0	(0)
Nursing home resident	1	(1)	4	(2)	1	(1)

\* Risk categories are not mutually exclusive.

\*\* Excess alcohol use or injection and/or non-injection drug use (not prescribed by health care provider or misuse of prescribed drugs)

<sup>+</sup> Silicosis, diabetes, prolonged corticosteroid therapy or other immunosuppressive therapy, hematologic/reticuloendothelial disease, end stage renal disease, substantial weight loss (not TB-related) or undernutrition

**Table 5. Number of Cases of Drug-Resistant Tuberculosis, Minnesota**

Resistance Pattern	Q Number (n = 57)*	Q (%)	YTD Number (n = 141)*	YTD (%)	2023 YTD (n = 113)*	2023 YTD (%)
Any drug resistance**	2	(4)	11	(8)	24	(21)
Any INH resistance <sup>+</sup>	2	(4)	9	(6)	11	(10)
MDR-TB <sup>#</sup>	1	(2)	3	(2)	4	(4)

\* Culture-confirmed cases with drug susceptibility results available

\*\* Resistant to at least one first-line anti-TB drug [i.e., isoniazid (INH), rifampin, pyrazinamide (PZA), or ethambutol]

<sup>+</sup> May also have resistance to other drugs

<sup>#</sup> Primary multi-drug resistant TB (i.e., resistance to at least INH and rifampin from initial isolates of patients with no prior history of TB)

**Table 6. Number of Cases of Tuberculosis by Site of Disease, Minnesota**

Site of Disease	Q Number	Q (%)	YTD Number	YTD (%)	2023 YTD	2023 YTD (%)
Pulmonary	49	(54)	99	(51)	90	(56)
Extrapulmonary	29	(32)	67	(34)	50	(31)
Both*	12	(13)	29	(15)	20	(12)
<b>Total</b>	<b>90</b>	<b>(100)</b>	<b>195</b>	<b>(100)</b>	<b>160</b>	<b>(100)</b>

\* TB cases with both pulmonary and extrapulmonary sites of disease

**Table 7. Number of Cases of Tuberculosis by Method of Case Identification, Minnesota**

How Identified	Q Number	Q (%)	YTD Number	YTD (%)	2023 YTD	2023 YTD (%)
Presented with Symptoms	74	(82)	167	(86)	118	(74)
TB Contact Investigation	4	(4)	5	(3)	21	(13)
Refugee Health Exam (Domestic)	0	(0)	1	(1)	2	(1)
Follow-up to Pre-Immigration Exam*	2	(2)	3	(2)	1	(1)
Other**	10	(11)	19	(10)	18	(11)
<b>Total</b>	<b>90</b>	<b>(100)</b>	<b>195</b>	<b>(100)</b>	<b>160</b>	<b>(100)</b>

\* Infectious, active TB disease ruled out overseas

\*\* e.g., occupational screening, other targeted TB testing, etc.

Minnesota Department of Health  
 Tuberculosis Prevention and Control Program  
 1-877-676-5414  
[www.health.state.mn.us/tb](http://www.health.state.mn.us/tb)

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To obtain this information in a different format, call: 651-201-5414.