

# Tuberculosis Quarterly Surveillance Report with Data Comparison

**JAN. 1, 2024 – MARCH 31, 2024**

The tables below describe the epidemiology of the confirmed cases of tuberculosis disease reported to the Minnesota Department of Health from Jan. 1, 2024, through March 31, 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	5	(25)	5	(25)	8	(36)
Ramsey County	5	(25)	5	(25)	7	(32)
Other Metropolitan Counties*	8	(40)	8	(40)	3	(14)
Olmsted County	0	(0)	0	(0)	1	(5)
Other Counties	2	(10)	2	(10)	3	(14)
<b>Total</b>	<b>20</b>	<b>(100)</b>	<b>20</b>	<b>(100)</b>	<b>22</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	1	(5)	1	(5)	2	(9)
Black	6	(30)	6	(30)	9	(41)
Hispanic/Latine	5	(25)	5	(25)	2	(9)
Asian	8	(40)	8	(40)	9	(41)
Hawaiian/Other Pacific Islander	0	(0)	0	(0)	0	(0)
American Indian	0	(0)	0	(0)	0	(0)
Multi-Racial	0	(0)	0	(0)	0	(0)
<b>Total</b>	<b>20</b>	<b>(100)</b>	<b>20</b>	<b>(100)</b>	<b>22</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	1	(5)	1	(5)	2	(9)
5-14 years	0	(0)	0	(0)	0	(0)
15-24 years	2	(10)	2	(10)	1	(5)
25-44 years	10	(50)	10	(50)	5	(23)
45-64 years	1	(5)	1	(5)	6	(27)
> 65 years	6	(30)	6	(30)	8	(36)
<b>Total</b>	<b>20</b>	<b>(100)</b>	<b>20</b>	<b>(100)</b>	<b>22</b>	<b>(100)</b>

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

Risk Category	Q Number (n = 20)	Q (%)	YTD Number (n = 20)	YTD (%)	2023 YTD (n = 22)	2023 YTD (%)
Non-U.S.-born	18	(90)	18	(90)	19	(86)
Substance use**	0	(0)	0	(0)	1	(5)
Homelessness	1	(5)	1	(5)	2	(9)
Living with HIV	2	(10)	2	(10)	0	(0)
Other medical condition <sup>+</sup>	9	(45)	9	(45)	9	(41)
Incarceration	0	(0)	0	(0)	0	(0)
Nursing home resident	0	(0)	0	(0)	0	(0)

\* 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 = 18)*	Q (%)	YTD Number (n = 18)*	YTD (%)	2023 YTD (n = 15)*	2023 YTD (%)
Any drug resistance**	2	(11)	2	(11)	4	(27)
Any INH resistance <sup>+</sup>	1	(6)	1	(6)	3	(20)
MDR-TB <sup>#</sup>	0	(0)	0	(0)	1	(7)

\* 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	10	(50)	10	(50)	12	(55)
Extrapulmonary	6	(30)	6	(30)	6	(27)
Both*	4	(20)	4	(20)	4	(18)
Site not specified	0	(0)	0	(0)	0	(0)
<b>Total</b>	<b>20</b>	<b>(100)</b>	<b>20</b>	<b>(100)</b>	<b>22</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	17	(85)	17	(85)	17	(77)
TB Contact Investigation	0	(0)	0	(0)	2	(9)
Refugee Health Exam (Domestic)	0	(0)	0	(0)	0	(0)
Follow-up to Pre-Immigration Exam*	0	(0)	0	(0)	0	(0)
Other**	3	(15)	3	(15)	3	(14)
<b>Total</b>	<b>20</b>	<b>(100)</b>	<b>20</b>	<b>(100)</b>	<b>22</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.