

Tuberculosis Cases At A Glance: Connecticut, 2023

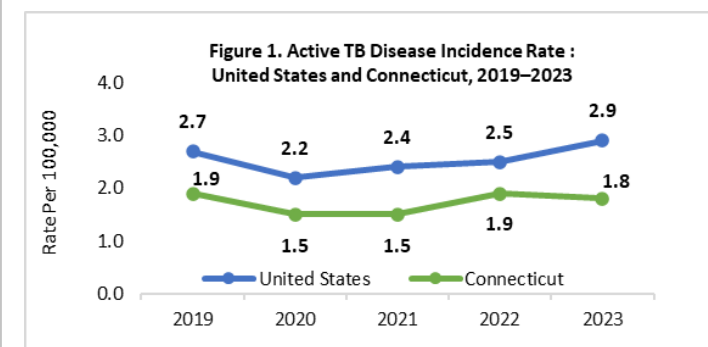
In 2023, 66 cases (incidence rate of 1.8/100,000) of tuberculosis (TB) disease were reported in Connecticut. This is a 1.5% decrease from 2022 (67 cases, rate of 1.9/100,000).

Nationally, 9,615 TB disease cases were reported, with a 16% increase compared to 2022. The U.S. incidence rate is 2.9/100,000. **Figure 1** presents active TB disease incidence rates for the U.S. and CT from 2019–2023¹.

The **Table** shows select characteristics of TB cases for 2023. Two thirds of cases (44) occurred among males. The median age of cases was 42.5 years (range: 5–87 years). A quarter of cases occurred among persons ≥65 years old. More than half of cases occurred among Hispanic persons (36) with another 19 cases (29%) among Asian persons.

Six cases (9.1%) had known latent TB infection² (LTBI) prior to the diagnosis of TB disease and had either been untreated or incompletely treated for LTBI. Other risk factors for developing TB disease once infected included diabetes in 11 cases (16.7%), substance use³ in 10 cases (15.2%), and HIV in one case (1.5%). In 2023, there was an increase in TB disease cases among non-U.S. born⁴ individuals with 63/66 cases (95.5%) among non-U.S. born individuals. Importantly, 56% of these non-U.S. born cases had been residing in the U.S. for more than 5 years.

Characteristics of Active TB Cases (N=66)		
Age (years):	N	(%)
<5	0	(0.0)
5-14	3	(4.5)
15-24	4	(6.1)
25-44	29	(44.0)
45-64	13	(19.7)
≥65	17	(25.7)
Race/Ethnicity:		
Asian	19	(28.9)
White	8	(12.1)
Black	3	(4.5)
Hispanic	36	(54.5)
Gender:		
Male	44	(66.7)
Female	22	(33.3)
Birth origin:		
Non-U.S. Born	63	(95.5)
U.S. Born	3	(4.5)
Counties with TB cases:		
Fairfield	28	(42.4)
New Haven	19	(28.8)
Hartford	11	(16.7)
New London	5	(7.6)
Litchfield	2	(3.0)
Tolland	1	(1.5)
Pulmonary cases	46	(69.7)
Multi-drug resistant ⁵	1	(1.5)
Risk Factors for Progression:		
Diabetes	11	(16.7)
Substance use	10	(15.2)
History of untreated LTBI	6	(9.1)
HIV Positive	1	(1.5)



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1- Williams PM, Pratt RH, Walker WL, Price SF, Stewart RJ, Feng PI. Tuberculosis — United States, 2023. *MMWR Morb Mortal Wkly Rep* 2024;73:265–270. DOI: <http://dx.doi.org/10.15585/mmwr.mm7312a4/>

2- Centers for Disease Control and Prevention. (2014, October 20). *The Difference Between Latent TB Infection and TB Disease*. Retrieved October 4, 2022, from <https://www.cdc.gov/tb/publications/factsheets/general/ltbiandactivetb.htm>

3- Includes alcohol, injecting, and/or non-injecting drug use.

4- non-U.S. born is a person born outside the fifty States of the U.S. states and the District of Columbia (DC)

5- MDR-TB is defined as TB that is resistant to at least two of the first line anti-TB drugs, isoniazid (INH) and rifampin (RIF)