NEVADA 2023 TUBERCULOSIS (TB) FAST FACTS

OFFICE OF STATE EPIDEMIOLOGY

Tuberculosis (TB) Prevention and Control Program

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PURPOSE

The purpose of the *Nevada 2023 Tuberculosis Disease (TB) Fast Facts* report is to provide an analysis on all TB cases reported in 2023 in Nevada. This annual publication is intended to be a reference document for policy makers, program managers, infection control programs, researchers, and community members concerned with the public health implications of the diseases presented. The figures and tables in this edition supersede those in earlier publications.

METHODS

The data used for this profile presents recent data, January 1, 2023, to December 31, 2023, and previously published data, ranging from 2014 to 2023. The data was obtained from the Nevada electronic surveillance system, EpiTrax, and the Centers for Disease Control and Prevention (CDC) National TB Surveillance System. The data are collected from medical labs, private and public health providers, clinics, and state and local disease intervention specialists and TB program specialists. Verified TB cases are reported following the CDC guidelines in the *Report of Verified Case of Tuberculosis (RVCT) Instruction* Manual.[1]

TECHNICAL NOTES

Rate is the crude rate based on the incidence of verified TB cases per 100,000 population for that subgroup's population. Population data are made available from the Nevada State Demographer vintage 2022 population data.

Relative Standard Error (RSE): The publication contains counts under 12, please use caution when interpreting the data as the RSE is greater than 30%.

NA (Not Applicable) indicates cases where the data may not meet the criteria for reliability, data quality, or confidentiality due to small counts or inability to calculate rates based on an equivalent population.

N (Number) is the basic measure of disease incidence in the total population.

n (number) is the basic measure of disease incidence for a given subpopulation, such as sex, race/ethnicity, or age.

% (Percentage) within each demographic subset which represents the percentage of the number of the specific demographic out of the total number of verified counted TB cases (N).
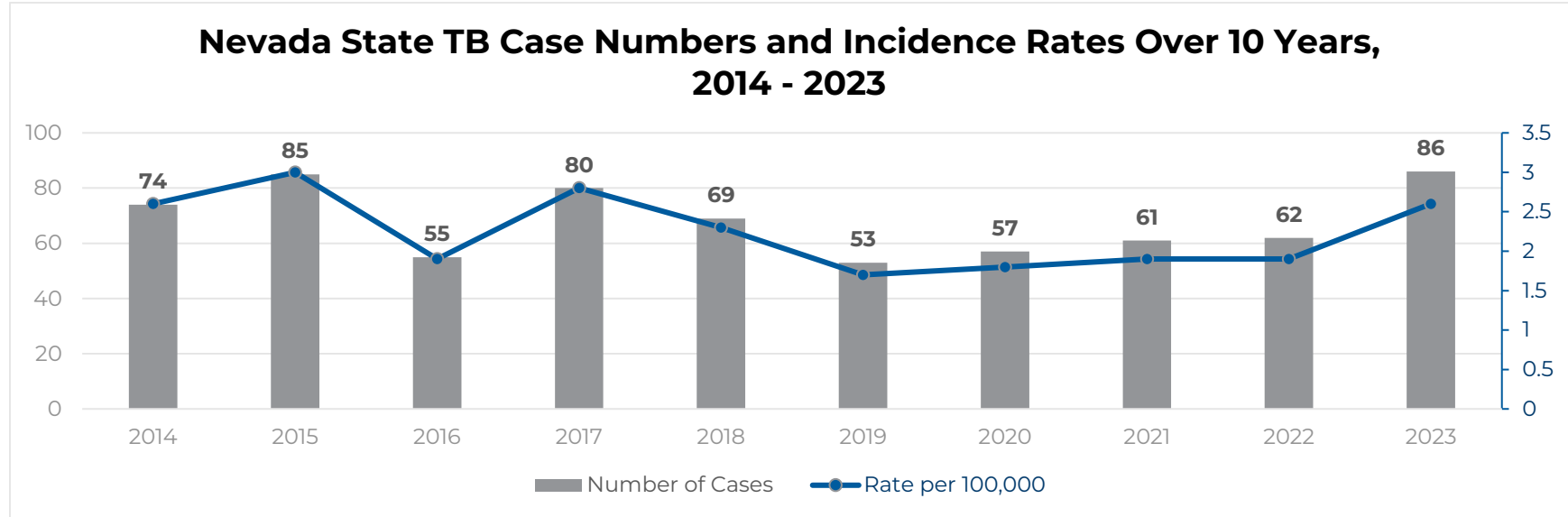
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[1]Centers for Disease Control and Prevention, Division of Tuberculosis Elimination. Recommendations for Reporting and Counting Tuberculosis Cases. *Report of Verified Case of Tuberculosis (RVCT), Instruction Manual,* August 2021. https://www.cdc.gov/tb/programs/rvct/instructionmanual.pdf

TUBERCULOSIS CASES IN NEVADA BY COUNTY 2023 AND YEARS 2019-2022

Resident County at Diagnosis	2019			2020			2021			2022			2023		
	N	%	Rate	N	%	Rate	N	%	Rate	N	%	Rate	N	%	Rate
Carson	1	1.9%	1.8	1	1.8%	1.8	0	0.0%	0.0	0	0.0%	0.0	1	1.2%	1.7
Clark	45	84.9%	2.0	51	89.4%	2.2	54	89.0%	2.3	54	87.1%	2.3	76	88.4%	3.2
Washoe	7	13.2%	1.5	4	7.0%	0.8	7	11.0%	1.5	6	9.7%	1.2	9	10.4%	1.8
All Other Counties*	0	0.0%	0.0	1	1.8%	0.3	0	0.0%	0.0	2	3.2%	0.7	0	0.0%	0.0
Nevada Total	53	100%	1.7	57	100%	1.8	61	100%	1.9	62	100%	1.9	86	100%	2.6

*All Other Counties: Churchill, Douglas, Elko, Esmeralda, Eureka, Humboldt, Lander, Lincoln, Lyon, Mineral, Nye, Pershing, Storey, and White Pine County.

Source: Nevada Division of Public and Behavioral Health, Electronic Disease Surveillance System EpiTrax, and Centers for Disease Control and Prevention, National Tuberculosis Surveillance System, accessed February 2024.

Nevada State TB Case Numbers and Incidence Rates Over 10 Years, 2014 - 2023

Source: Nevada Division of Public and Behavioral Health, Electronic Disease Surveillance System EpiTrax, and Centers for Disease Control and Prevention, National Tuberculosis Surveillance System, accessed February 2024.

NEVADA TB CASES 2023 BY SEX AND AGE*

Sex	2023		
	n	%	Rate
Male	55	64.0%	3.4
Female	31	36.0%	1.9
Age			
0 to 4	2	2.3%	1.1
5 to 14	0	0.0%	0.0
15 to 24	5	5.8%	1.1
25 to 44	28	32.6%	3.1
45 to 64	26	30.2%	3.2
65+	25	29.1%	4.8
Nevada Total	86	100%	2.6

NEVADA TB CASES 2023 BY HIV STATUS*

HIV Status	2023		
	n	%	Rate
HIV Positive	3	3.5%	NA
HIV Negative	81	94.2%	NA
Not offered	0	0.0%	NA
Refused	0	0.0%	NA
Unknown	2	2.3%	NA
Nevada Total	86	100%	2.6

*Source: Nevada Division of Public and Behavioral Health, Electronic Disease Surveillance System EpiTrax, and Centers for Disease Control and Prevention, National Tuberculosis Surveillance System, accessed February 2024.

NEVADA TB CASES 2023 BY RACE AND ETHNICITY*

	2023		
	n	%	Rate
White, Non-Hispanic	3	3.5%	0.3
Black, Non-Hispanic	6	7.0%	2.0
Hispanic	25	29.0%	2.5
Asian, Pacific Islander, Hawaiian	52	60.5%	15.6
American Indian, Native Alaskan	0	0.0%	NA
Multi-race	0	0.0%	NA
Unknown	0	0.0%	NA
Nevada Total	86	100%	2.6

NEVADA TB CASES 2023 BY COUNTRY OF ORIGIN*

	2023		
	n	%	Rate
United States	13	15.1%	NA
Philippines	44	51.2%	NA
Mexico	12	14.0%	NA
Ethiopia and Eritrea	3	3.5%	NA
India	3	3.5%	NA
China	1	1.1%	NA
Thailand	1	1.1%	NA
Taiwan	0	0.0%	NA
Pacific Islands, Guam, Micronesia	2	2.3%	NA
Peru	0	0.0%	NA
Vietnam	0	0.0%	NA
Other	7	8.2%	NA
Unknown	0	0.0%	NA
Nevada Total	86	100%	2.6

*Source: Nevada Division of Public and Behavioral Health, Electronic Disease Surveillance System EpiTrax, and Centers for Disease Control and Prevention, National Tuberculosis Surveillance System, accessed February 2024.

FOR MORE INFORMATION CONTACT

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