

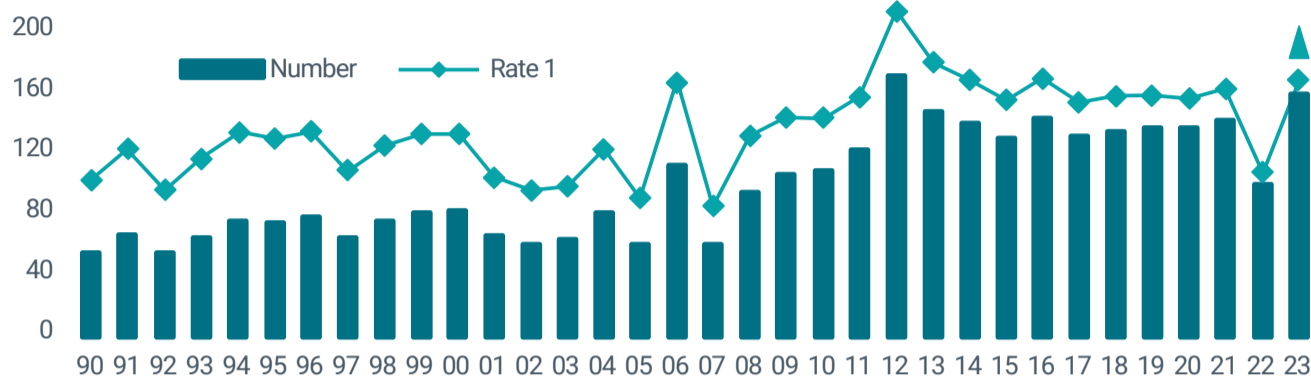


# Tuberculosis in WA 2023

In 2023, there were 161 TB cases notified in Western Australia at the rate of 5.6 cases per 100,000 population. This represented a 61% increase from the numbers notified in 2022.

## WA NUMBERS AND RATES

61% increase in the number of TB cases from 2022



## CONTACTS INVESTIGATION

Total contacts identified	1836
No TB infection or disease	82%
LTBI	14%
Secondary TB	0.7%

## LATENT TB INFECTION

Patient classification	No.	TOTAL
Healthcare worker screen	256	33.4%
Recent migrant	227	29.6%
TB Contacts	132	17.2%
Recently arrived refugee	72	9.4%
Immunosuppressed	11	1.4%
Other	69	9.0%

**161**

Number of TB cases notified in WA in 2023

**5.6**

WA TB rate per 100,000 population

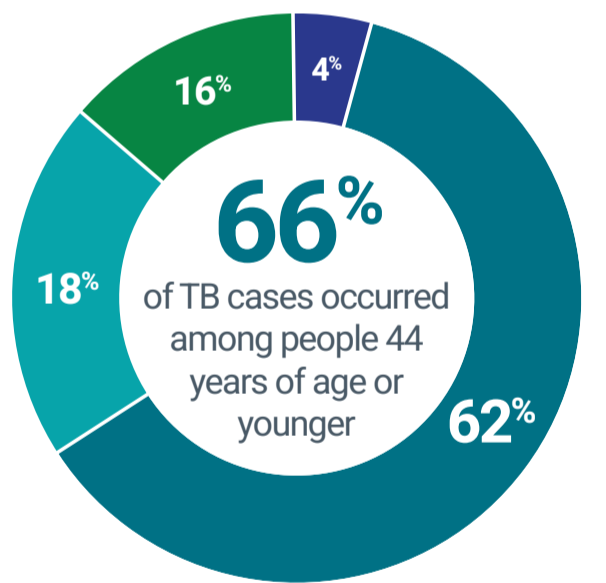
## CLINICAL CHARACTERISTICS

53% Male

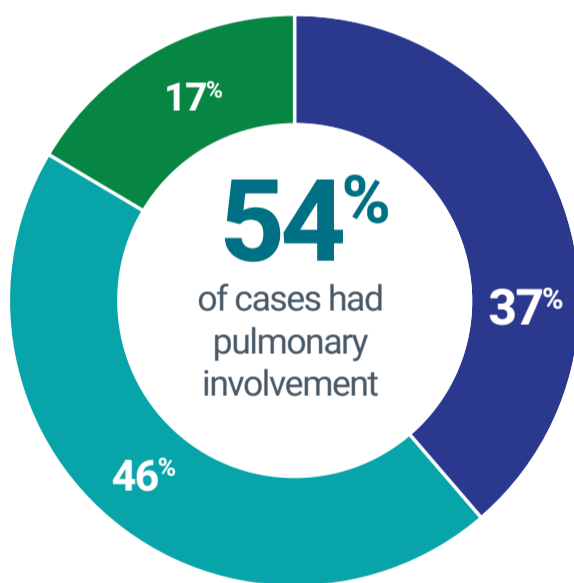
47% Female

## COUNTRY OF BIRTH

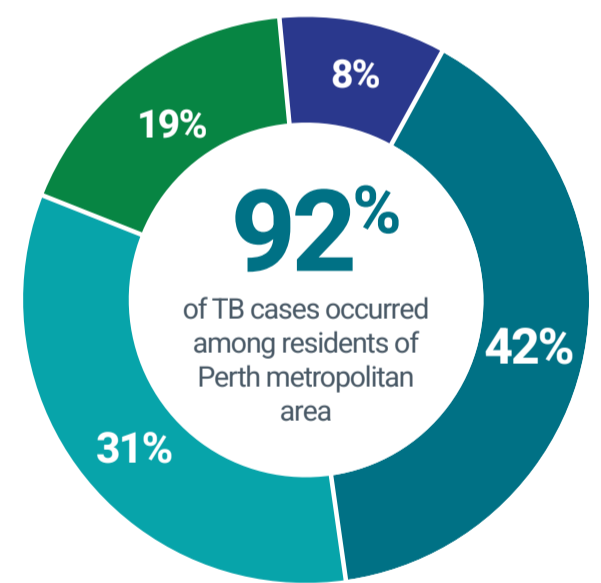
9% Australian born 91% Overseas born



- Birth to age 14
- Ages 15 to 44
- Ages 45 to 64
- Ages 65 and older



- Pulmonary
- Extrapulmonary
- Pulmonary plus other sites



- East Metropolitan Health Service
- North Metropolitan Health Service
- South Metropolitan Health Service
- WA Country Health Service

## TREATMENT OUTCOME 2022

**98%**

of all patients with TB disease in 2022 completed treatment

## DRUG RESISTANCE

12 patients who had drug resistant TB  
3 patients who had multidrug resistant TB (MDR-TB)<sup>1</sup>

1. defined as resistance to at least isoniazid and rifampicin

## GENOME SEQUENCING

**98%**

had whole genome sequencing identifying 6 unidentified clusters

## WESTERN AUSTRALIA TUBERCULOSIS CONTROL PROGRAM

The WA TB Control Program (WATBCP) is a state wide specialised public health service that provides outpatient services for the treatment, surveillance and prevention of Tuberculosis (TB). The clinic, located at the Anita Clayton Centre provides treatment and management of active TB and Latent TB patients with a dedicated adult and paediatric clinic. Management of TB is via a nurse led case management approach for all patients.