

TUBERCULOSIS



+ Impact goal

Elimination as a public health problem

+ Elimination targets

Pre-elimination: <1 case per 100 000 population

Elimination: <0.1 cases per 100 000 population

+ Programmatic targets

100% people diagnosed with tuberculosis (TB) were initially tested with a rapid diagnostic test

≥ 90% treatment coverage

≥ 90% treatment success

≥ 90% TB preventive treatment coverage in household contacts and people living with HIV

Action steps to achieve elimination

① Innovative tools:

– Implement portable chest X ray, AI-powered for TB detection, molecular testing, and shortened treatment regimens

② Early action:

– Systematic screening in high-risk groups (e.g.: people deprived of liberty, contacts, people living with HIV), rapid molecular testing and drug susceptibility testing for early treatment

③ Prevention:

– Provide preventive treatment to high-risk groups and ensure BCG vaccination

Best buys

④ Greater effectiveness and accessibility:

– Implement shortened oral treatment for drug-resistant TB, including regimens like bedaquiline, pretomanid, linezolid, and moxifloxacin (BPaLM) to increase adherence success rates and reduce treatment interruption

⑤ Patient-centered care:

– Integrate TB care into primary health care, including treatment support from community health workers to increase treatment adherence and provide social support

⑥ TB-HIV synergy:

– Integration of services for screening, treatment and TB prevention

More information

· Pan American Health Organization. Tuberculosis. Washington, D.C.: PAHO; 2025 [cited 10 April 2025]. Available from: <https://www.paho.org/en/topics/tuberculosis>.

· World Health Organization. Implementing the end TB strategy: the essentials, 2022 update. Geneva: WHO; 2022. Available from: <https://www.who.int/publications/i/item/9789240065093>.

· World Health Organization. Global tuberculosis report 2023. Geneva: WHO; 2023. Available from: <https://iris.who.int/handle/10665/373828>.



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