Clinical description
A chronic bacterial infection caused by Mycobacterium tuberculosis, usually characterized pathologi- 
cally by the formation of granulomas. The most common site of infection is the lung, but other 
organs may be involved.

Clinical case definition
A case that meets all of the following criteria:
- A positive tuberculin skin test result or positive interferon gamma release assay for M. tuber-
culosis
- Other signs and symptoms compatible with tuberculosis (TB) (e.g., abnormal chest radiogra-
graph, abnormal chest computerized tomography scan or other chest imaging study, or clini-
cal evidence of current disease)
- Treatment with two or more anti-TB medications
- A completed diagnostic evaluation

Laboratory criteria for diagnosis
- Isolation of M. tuberculosis complex from a clinical specimen,*
  or
- Demonstration of M. tuberculosis complex from a clinical specimen by nucleic acid amplifi-
cation test,†
  or
- Demonstration of acid-fast bacilli in a clinical specimen when a culture has not been or can-
not be obtained or is falsely negative or contaminated.

Case classification
Confirmed: a case that meets the clinical case definition or is laboratory confirmed

Comment
A case should not be counted twice within any consecutive 12-month period. However, a case oc-
curring in a patient who had previously had verified TB disease should be reported and counted 
again if more than 12 months have elapsed since the patient completed therapy. A case should also 
be reported and counted again if the patient was lost to supervision for greater than 12 months and 
TB disease can be verified again. Mycobacterial diseases other than those caused by M. tuberculosis 
complex should not be counted in tuberculosis morbidity statistics unless there is concurrent tuber-
culosis.

*Use of rapid identification techniques for M. tuberculosis (e.g., DNA probes and mycolic acid high-pressure liquid 
chromatography performed on a culture from a clinical specimen) are acceptable under this criterion.
†Nucleic acid amplification (NAA) tests must be accompanied by culture for mycobacteria species for clinical purposes. 
A culture isolate of M. tuberculosis complex is required for complete drug susceptibility testing and also genotyping. 
However, for surveillance purposes, CDC will accept results obtained from NAA tests approved by the Food and Drug 
Administration (FDA) and used according to the approved product labeling on the package insert, or a test produced 
and validated in accordance with applicable FDA and Clinical Laboratory Improvement Amendments (CLIA) regula-
tions.