



### Congregate Setting Tuberculosis Risk Assessment

This risk assessment is designed for congregate settings (except jails and prisons) to determine their tuberculosis (TB) risk classification and implement recommendations provided by the Texas Department of State Health Services.

**Facility Name:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**Date of Assessment:** \_\_\_\_\_

**Assessment Conducted by:** \_\_\_\_\_

#### FACILITY RISK ASSESSMENT

Questions	Check the best answer
<p>What is the TB incidence rate in your county? How does it compare with the state and national rate?</p> <p>Incidence rate is defined as the number of new TB cases in one year per 100,000 population. Visit <a href="http://www.texas.tb.org/statistics/#files">http://www.texas.tb.org/statistics/#files</a> to download the most recent data on <i>Cases and Rates by County 2010-2014</i>.</p> <p>Rates: County: _____  Texas: 4.7 per 100,000 (2014 data)  U.S.: 3.0 per 100,000 (2014 data)</p> <p><i>Caution:</i>  *Higher rates may be indicated for rural counties with few TB cases due to a smaller population denominator.  *The TB rate should not be considered if the population served by the facility is not representative of the community in which the facility is located.</p>	<p>TB rate is higher than:  "state rate <input type="checkbox"/>  'national rate <input type="checkbox"/></p> <p>TB rate is lower than:  'state rate <input type="checkbox"/>  'national rate <input type="checkbox"/></p>
<p>Did facility have a case of infectious TB disease within the last 12 months?</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>Has anyone in the facility been diagnosed with drug resistant TB disease?</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>Does facility have a cluster of persons with TB test conversions or confirmed TB disease that might be the result of ongoing transmission?</p> <p>A cluster is defined as two or more persons with TB test conversions or TB disease linked by epidemiologic, location or genotyping data.</p> <p>Number of TB test conversions: _____  Number of confirmed linked TB disease cases _____</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>

<p>Does facility house a substantial number of people with risk factors for TB?</p> <p>Check all that apply:</p> <p><input type="checkbox"/> HIV infection</p> <p><input type="checkbox"/> Substance abuse</p> <p><input type="checkbox"/> Silicosis</p> <p><input type="checkbox"/> Diabetes mellitus</p> <p><input type="checkbox"/> Severe kidney disease</p> <p><input type="checkbox"/> Low body weight</p> <p><input type="checkbox"/> Organ transplants</p> <p><input type="checkbox"/> Head and neck cancer</p> <p><input type="checkbox"/> Medical treatments such as corticosteroids or organ transplant</p> <p><input type="checkbox"/> Specialized treatment for rheumatoid arthritis or Crohn's disease</p>	<p><input type="checkbox"/> Yes   <input type="checkbox"/> No</p>
<p>Does facility serve or employ a substantial number of persons who have emigrated from areas of the world with high rates of TB within the previous 5 years?</p> <p>Visit <a href="http://www.texas.tb.org/countries">www.texas.tb.org/countries</a> to view a list of countries with high rates of TB.</p>	<p><input type="checkbox"/> Yes   <input type="checkbox"/> No</p>
<p>Does facility have a system in place for prompt TB screening, isolation or referral of persons with TB signs and symptoms?</p>	<p><input type="checkbox"/> Yes   <input type="checkbox"/> No</p>



**FACILITY RISK CLASSIFICATIONS**

Low Risk	Medium Risk	Potential Ongoing Transmission
Facility which: <ul style="list-style-type: none"> <li>• is not located in a high incidence county</li> <li>• did not have cases of infectious TB disease in the last year</li> <li>• did not have residents or staff TB test conversions</li> <li>• does not serve a substantial number of individuals with risk factors for TB</li> <li>• Serves or employs few immigrants</li> <li>• has a system in place for prompt TB screening, isolation or referral of person with TB signs and symptoms</li> </ul>	Facility which: <ul style="list-style-type: none"> <li>• is located in a high incidence county</li> <li>• had at least one case of infectious TB in the last year</li> <li>• has had an employee, volunteer or resident of the facility diagnosed with drug resistant TB</li> <li>• has an increased rate of TB tests conversions</li> <li>• serves a substantial number of high risk individuals</li> <li>• serves or employs a significant number of immigrants</li> </ul>	Facilities with: <ul style="list-style-type: none"> <li>• two or more cases of infectious TB linked by genotyping</li> <li>• a cluster of TB test conversions</li> <li>• unrecognized TB disease</li> </ul>

A congregate setting should be classified as medium risk if there is uncertainty on whether to classify a setting as low risk or medium risk.

**RECOMMENDATIONS FOR TB SCREENING BASED ON THE RISK ASSESSMENT**

Low Risk Facility

- Routine TB screening and testing is not recommended
- Conduct immediate TB screening for persons with TB signs and symptoms

In settings where the risk of TB is low but the consequences of an undiagnosed TB case are high (i.e. schools), a screening questionnaire and observation are recommended to identify persons who have signs and symptoms of TB or belong to a high risk group. Screening with a TB skin test or blood test should be reserved only for persons that fall in one or both of these categories.

Medium Risk Facility

- Provide TB testing or request proof of TB clearance prior to employment or admission
- Provide TB screenings once a year
- Conduct immediate TB screening for persons with TB signs and symptoms

Facility with Potential Ongoing Transmission

- This classification should be temporary and warrants immediate investigation and corrective action. Alert your local health department for guidance and recommendations
- Repeat TB screenings every 8-10 weeks followed by a new risk assessment until lapses in infection control have been corrected and no further evidence of ongoing transmission is evident
- Reclassify the facility as medium risk for 1 year after determination is made that ongoing transmission has ceased

**Note:** Because Texas is a high incidence state for TB, certain state laws require screening and testing in specific congregate settings (e.g. assisted living facilities under a permit or license from the Texas Department of Aging and Disability Services). Each facility must investigate if it is subject to any such law to ensure full compliance with all statutory requirements.