

Tarrant County Activity Levels	
No Activity	Overall clinical activity remains low and there are no lab confirmed cases †
Sporadic	Isolated cases of lab confirmed influenza in the county; Influenza-Like-Illness ¹ (ILI) activity is not increased. OR A lab confirmed outbreak in a single institution‡ in the county; ILI activity is not increased.
Local	Increased ILI within a single quadrant§ AND recent (within the past 3 weeks) laboratory evidence of influenza in that quadrant. ILI activity in other quadrants is not increased. OR Two or more institutional outbreaks (ILI or lab confirmed) within a single quadrant AND recent (within the past 3 weeks) lab confirmed influenza in that quadrant. Other quadrants do not have increased ILI and virus activity is no greater than sporadic in those quadrants.
Regional	Increased ILI in 2 of the quadrants (half of the Tarrant County regions) AND recent (within the past 3 weeks) lab confirmed influenza in the affected quadrants. OR Institutional outbreaks (ILI or lab confirmed) in 2 of the quadrants AND recent lab confirmed influenza in the affected quadrants.
Widespread	Increased ILI and/or institutional outbreaks (ILI or lab confirmed) in at least 3 of the quadrants AND recent (within the past 3 weeks) lab confirmed influenza in the county.

† Lab confirmed case = case confirmed by rapid diagnostic test, antigen detection, culture, or PCR. Care should be given when relying on results of point of care rapid diagnostic test kits during times when influenza is not circulating widely. The sensitivity and specificity of these tests vary and the predicative value positive may be low outside the time of peak influenza activity. Therefore, laboratory confirmation of influenza may be obtained by testing methods other than point of care rapid tests for reporting the first laboratory confirmed case of influenza of the season. During periods of elevated influenza activity, the predicative value positive of rapid point of care tests will be higher.

1. Influenza-Like Illness activity can be assessed using a variety of data sources including sentinel providers, school/workplace absenteeism, and other syndromic surveillance systems that monitor influenza-like illness. For this system, ILI is defined as fever (temperature > 100°F) plus a cough or a sore throat, in the absence of a known cause other than influenza.

‡ Institution includes nursing home, hospital, prison, school, etc.

§ Quadrant: population under surveillance in a defined geographical subdivision of the county. Tarrant County reporting quadrants consist of Northwest, Northeast, Southwest, and Southeast (with Interstate 35 and Interstate 30 serving as boundaries).