



# INFECTIOUS DISEASE

An infectious disease can occur when bacteria, viruses, fungi, or parasites invade our body.

- ▶ For 2015 vaccination coverage rates of children under 3 yrs old, TX ranks (CDC):



- ▶ CHALLENGES

- 177–488 Texans died each week from flu or pneumonia in 2015, (CDC)
- only 65% of Texans aged 65 and older received the flu vaccine in 2015, (CDC)
- Texas is 1 of 9 states to have reported measles case in 2016, (CDC)

- ▶ COMPLICATIONS

- outbreaks of vaccine-preventable diseases
- outbreaks of foodborne illnesses
- premature death and disability

- ▶ SOLUTIONS

- learn how to prevent infectious diseases
- get vaccinated





## DECREASE PREVENTABLE INFECTIOUS DISEASE:

Microorganism that cause infectious diseases, such as bacteria and viruses, can enter the body in several ways.



### Points of entry for microorganisms:

- skin or an injury
- breathing (airborne germs)
- eating contaminated food
- drinking contaminated water
- ticks, fleas or mosquitoes that bite
- sexual contact

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### Reduce risk of infectious disease:

- wash hands
- get your vaccines
- stay at home when ill
- prepare food safely
- practice safe sex
- don't share personal items
- talk to your doctor before international travel