

# TARRANT COUNTY PUBLIC HEALTH DATA BRIEF



## CERVICAL CANCER IN TARRANT COUNTY

- From 2017-2021, there were **465 new cases** of cervical cancer and **133 deaths** reported among Tarrant County women (age-adjusted incidence and mortality rates of 8.7 and 2.5 per 100,000 population respectively)
- According to the Centers for Disease Control and Prevention, **if detected early**, cervical cancer is one of the most treatable cancers with a five-year relative **survival rate of over 90%** for the earliest stages
- In 2024, approximately **7 in 10**, Tarrant County **women aged 21 to 65 years received a Pap test** in the past three years, meeting the United States Preventative Services Task Force guidelines for early detection of cervical cancer
- In 2024, **47%** of Tarrant County **women aged 18 to 45 years** had ever **received the HPV vaccine**, which helps prevent cervical cancer

*Cervical cancer incidence and mortality were significantly lower in Tarrant County compared to Bexar County for the years 2017–2021*

Figure 1. Cervical cancer incidence and mortality rates among selected geographic areas, 2017-2021

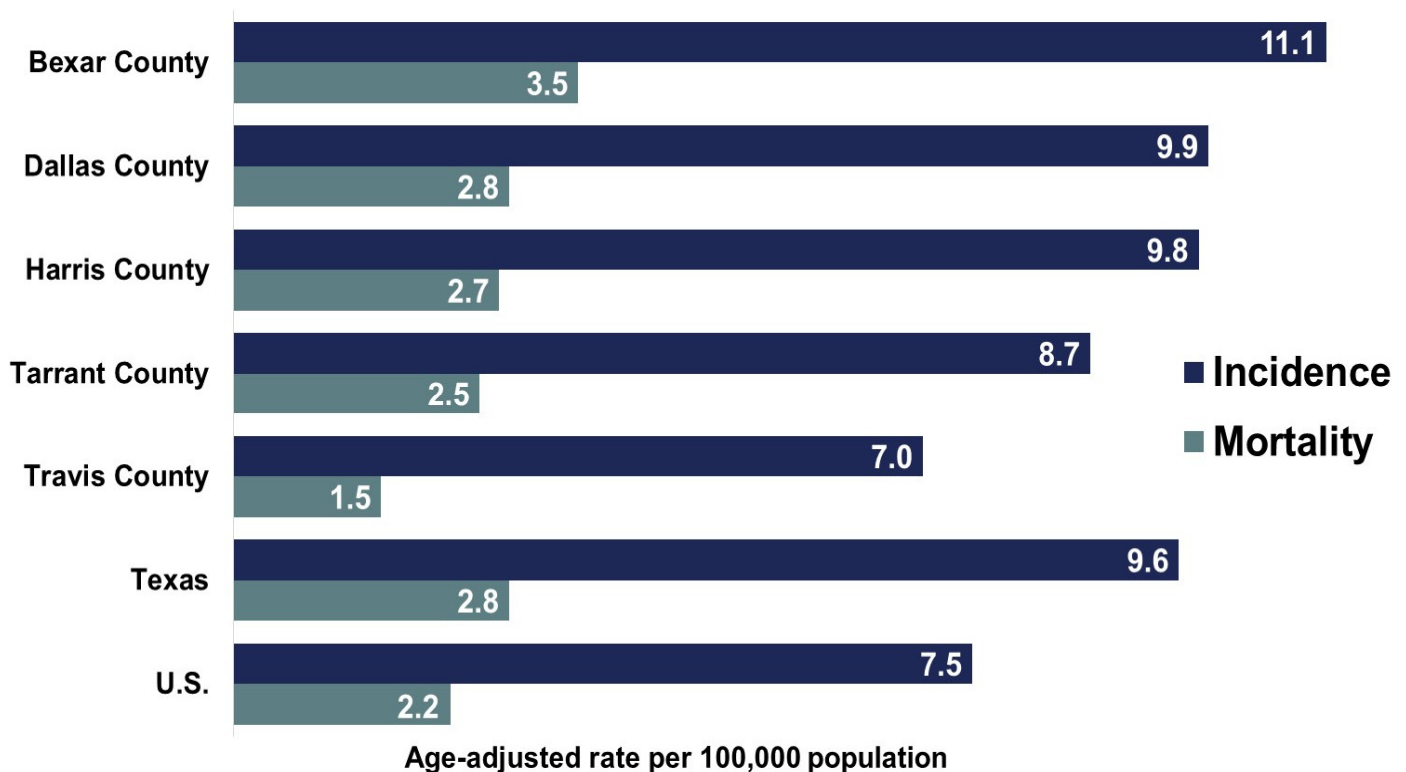
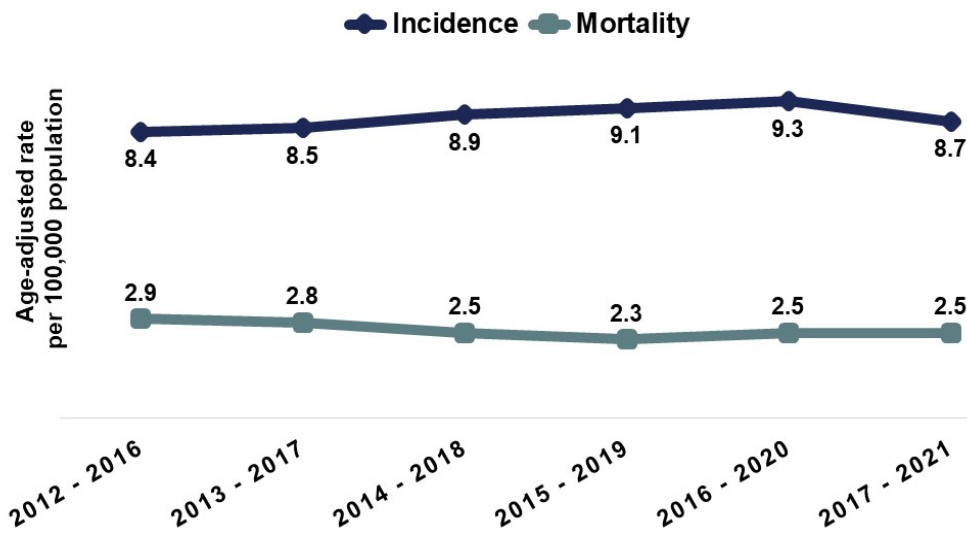
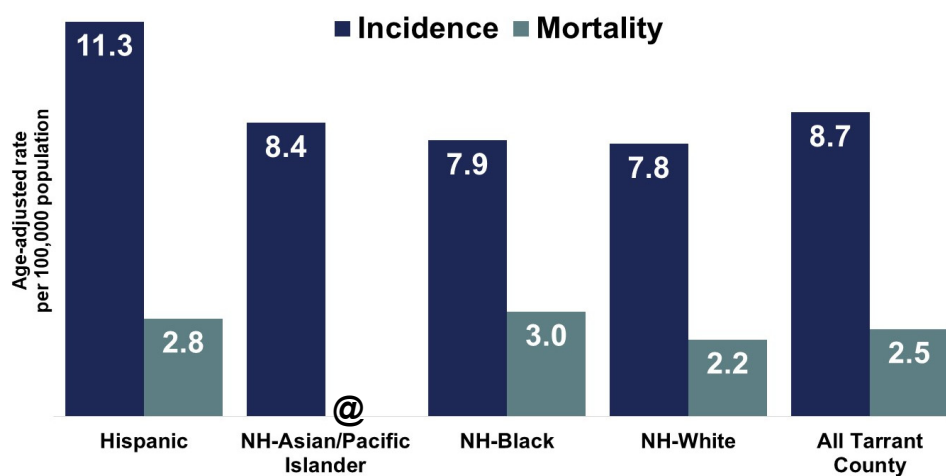


Figure 2. Cervical cancer incidence and mortality rates among Tarrant County women, 2012-2021



From 2012-2016 to 2017-2021, cervical cancer incidence rates have **increased** while mortality rates have **decreased**, but neither trend has changed significantly

Figure 3. Cervical cancer incidence and mortality rates among Tarrant County women by race/ethnicity, 2017-2021



@ = number too small to calculate reliable estimates; NH = Non-Hispanic

From 2017-2021, cervical cancer incidence rates in Tarrant County were **highest** among **Hispanic women** and mortality rates were **highest** among **non-Hispanic black women**

### Risk factors for cervical cancer include

- **Human papillomavirus (HPV) infection**  
HPV Vaccines are highly effective at preventing HPV infection [[cdc.gov/vaccines/vpd/hpv/hcp/vaccines](https://www.cdc.gov/vaccines/vpd/hpv/hcp/vaccines)]
- **Smoking**
- **Weakened immune system**
- **Use of birth control pills for 5+ years**
- **Birth to 3+ children**
- **Sex before age 18, sex with multiple partners, and sex with someone who has had multiple partners**
- **Having a family history of cervical cancer**

### Resources and Support

- **Tarrant County Public Health**  
[[tarrantcountytx.gov/en/public-health.html](https://tarrantcountytx.gov/en/public-health.html)]  
Health education classes and immunizations
- **JPS Oncology & Infusion Center**  
[[jpshealthnet.org/get-care/services/cancer](https://jpshealthnet.org/get-care/services/cancer)]
- **Moncrief Cancer Institute** [moncrief.com]
- **Texas Health and Human Services**  
[[healthytexaswomen.org/healthcare-programs/breast-cervical-cancer-services](https://healthytexaswomen.org/healthcare-programs/breast-cervical-cancer-services)]
- **Centers for Disease Control and Prevention**  
[[cdc.gov/cervical-cancer/index.html](https://www.cdc.gov/cervical-cancer/index.html)]
- **American Cancer Society**  
[[cancer.org/cancer/types/cervical-cancer.html](https://www.cancer.org/cancer/types/cervical-cancer.html)]