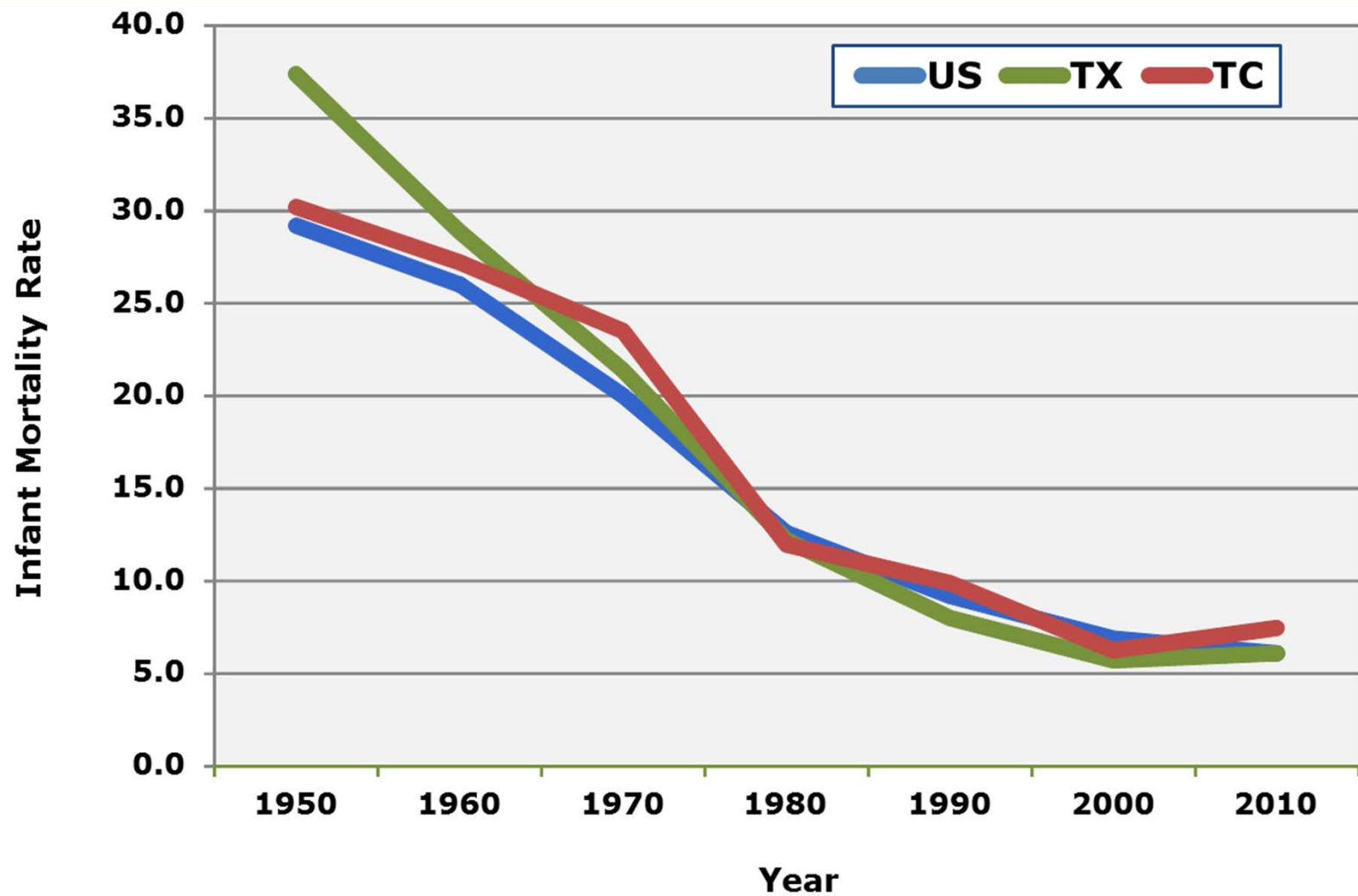




Tarrant County Infant Mortality

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Tarrant County Public Health

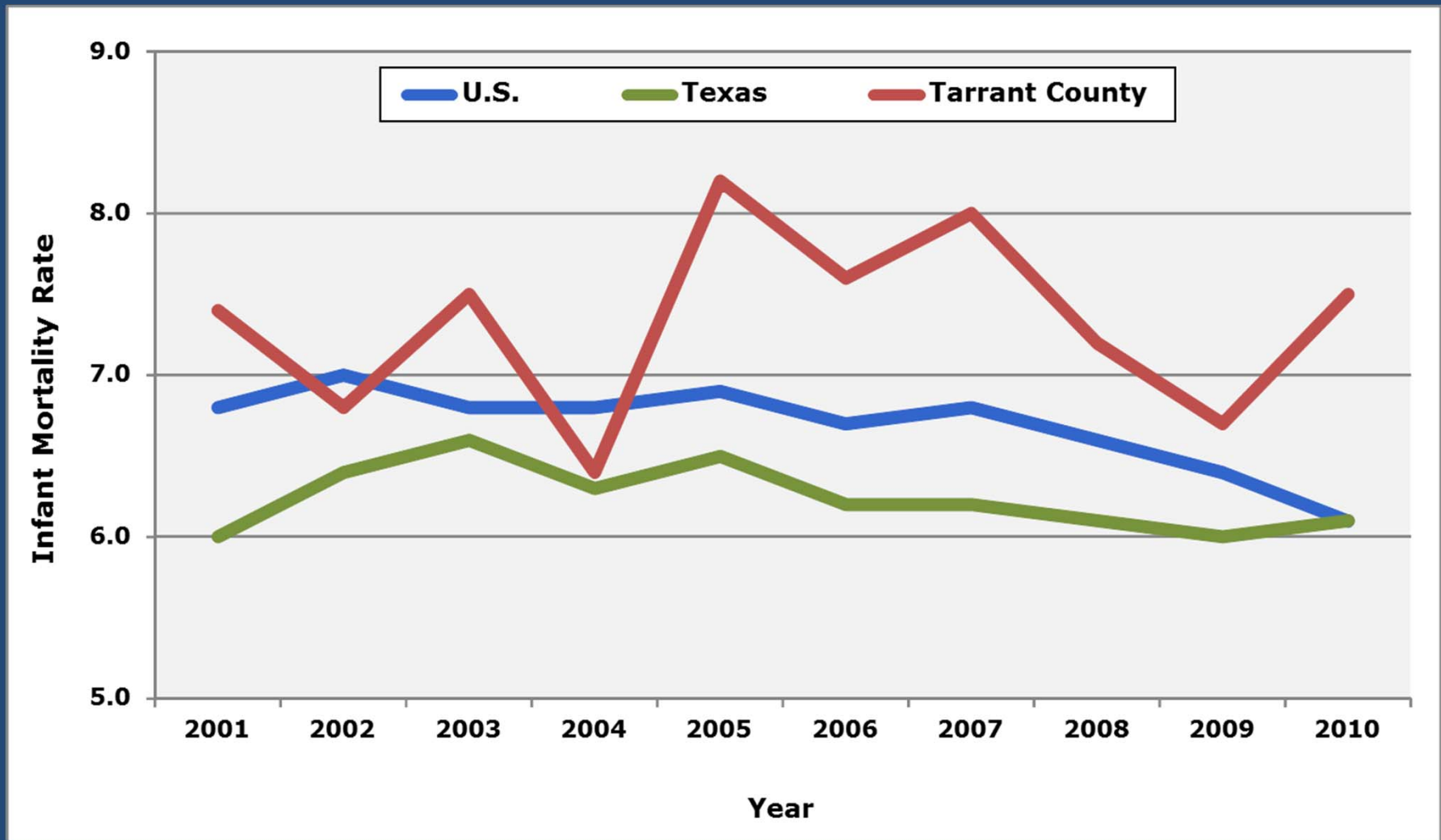
Infant Mortality 1950-2010



Rate per 1,000 live births

Data source: National Center for Health Statistics and Texas Department of State Health Services

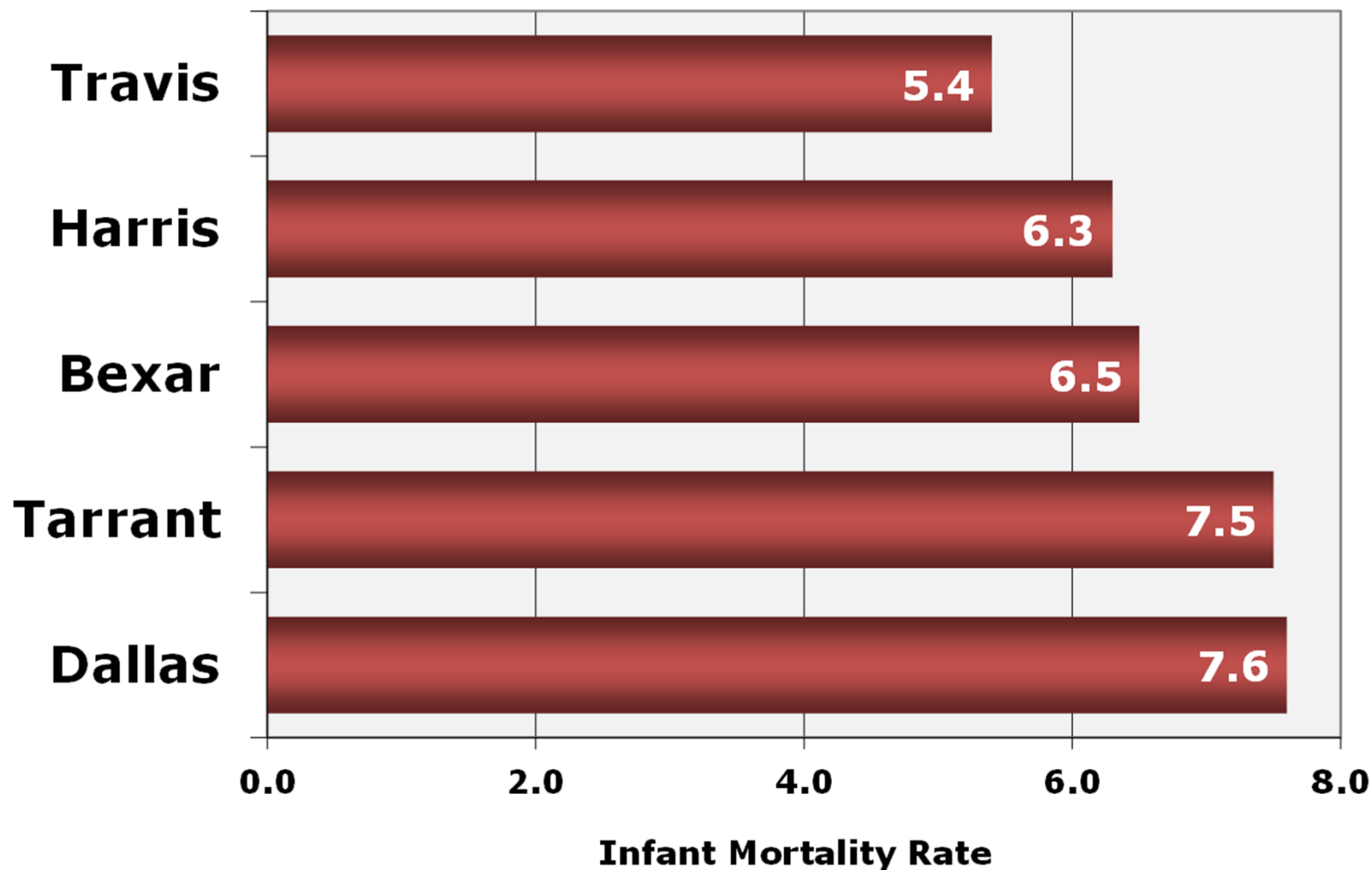
Infant Mortality 2001-2010



Rate per 1,000 live births

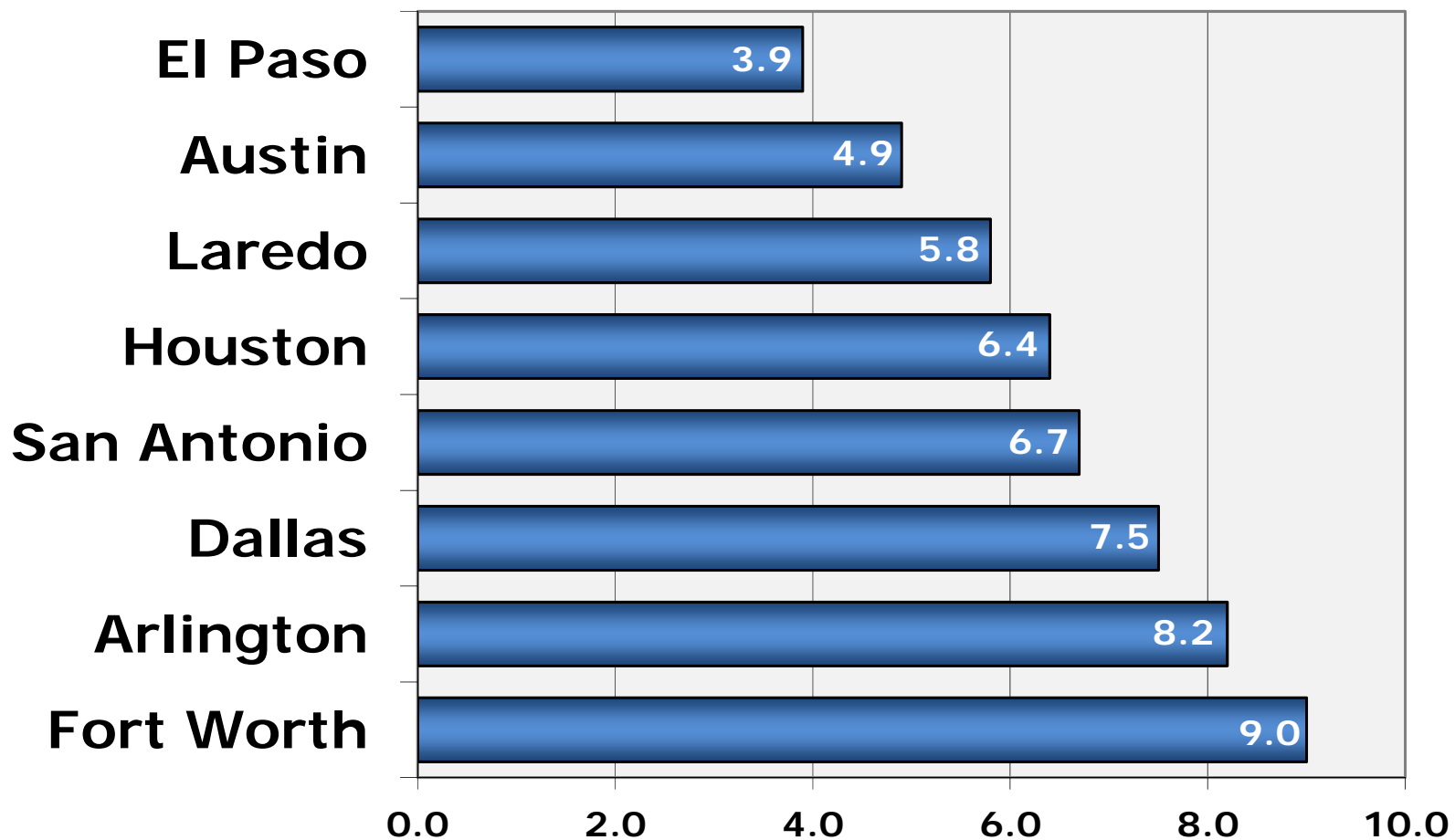
Data source: National Center for Health Statistics and Texas Department of State Health Services

Infant Mortality by County, 2010



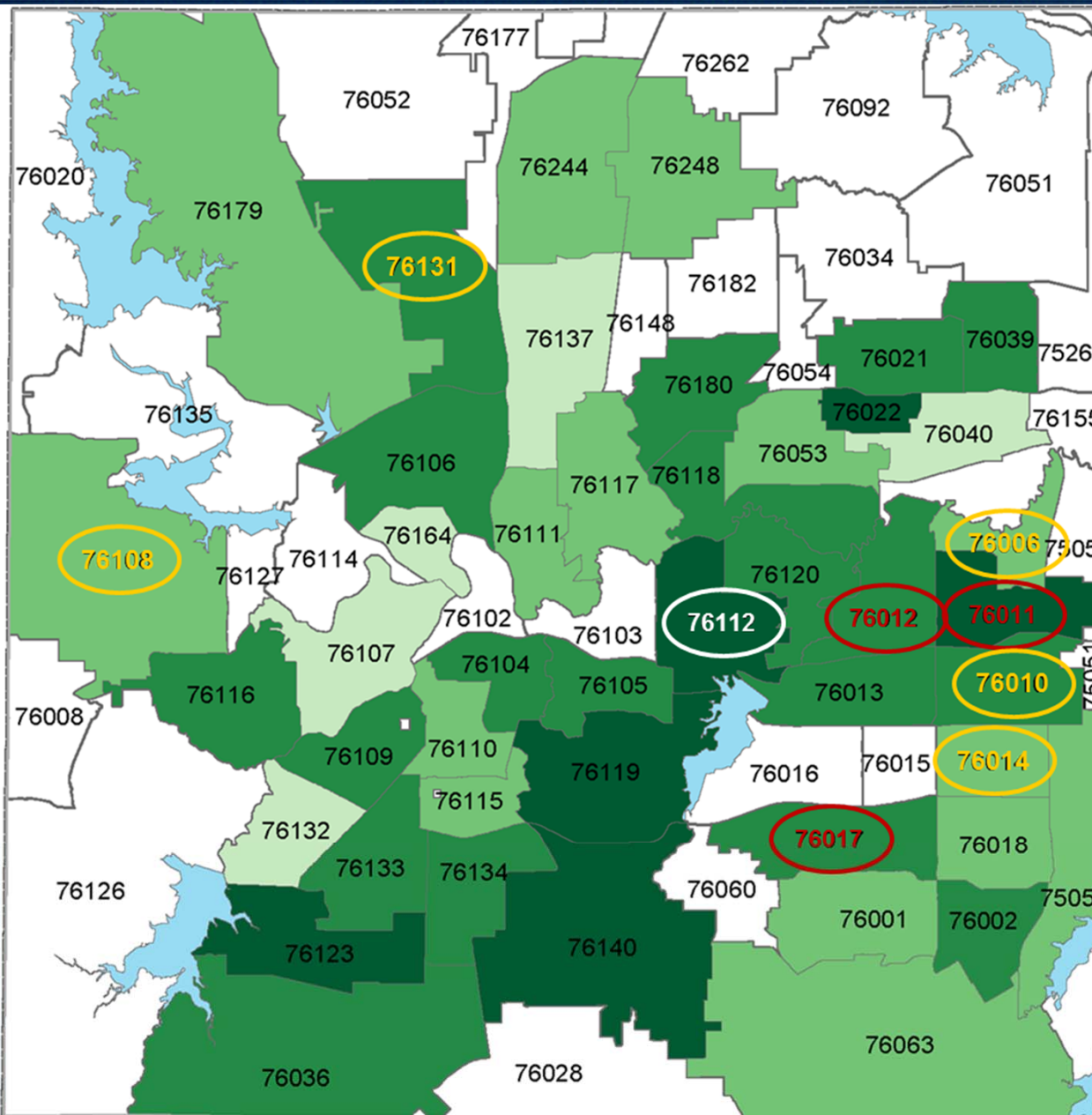
*Rate per 1,000 live births among counties with 10,000 or more live births
Data source: Texas Department of State Health Services*

Infant Mortality by City, 2010



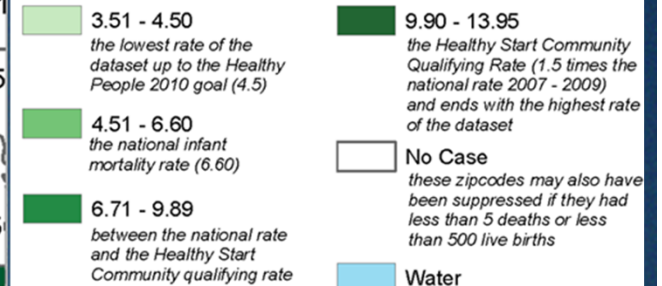
*Rate per 1,000 live births among Texas cities with 5,000 or more live births
Data source: Texas Department of State Health Services*

Infant Mortality by ZIP Code, 2007-2009



Notable Changes from 2004-2006 to 2007-2009

Rate per 1,000 live births



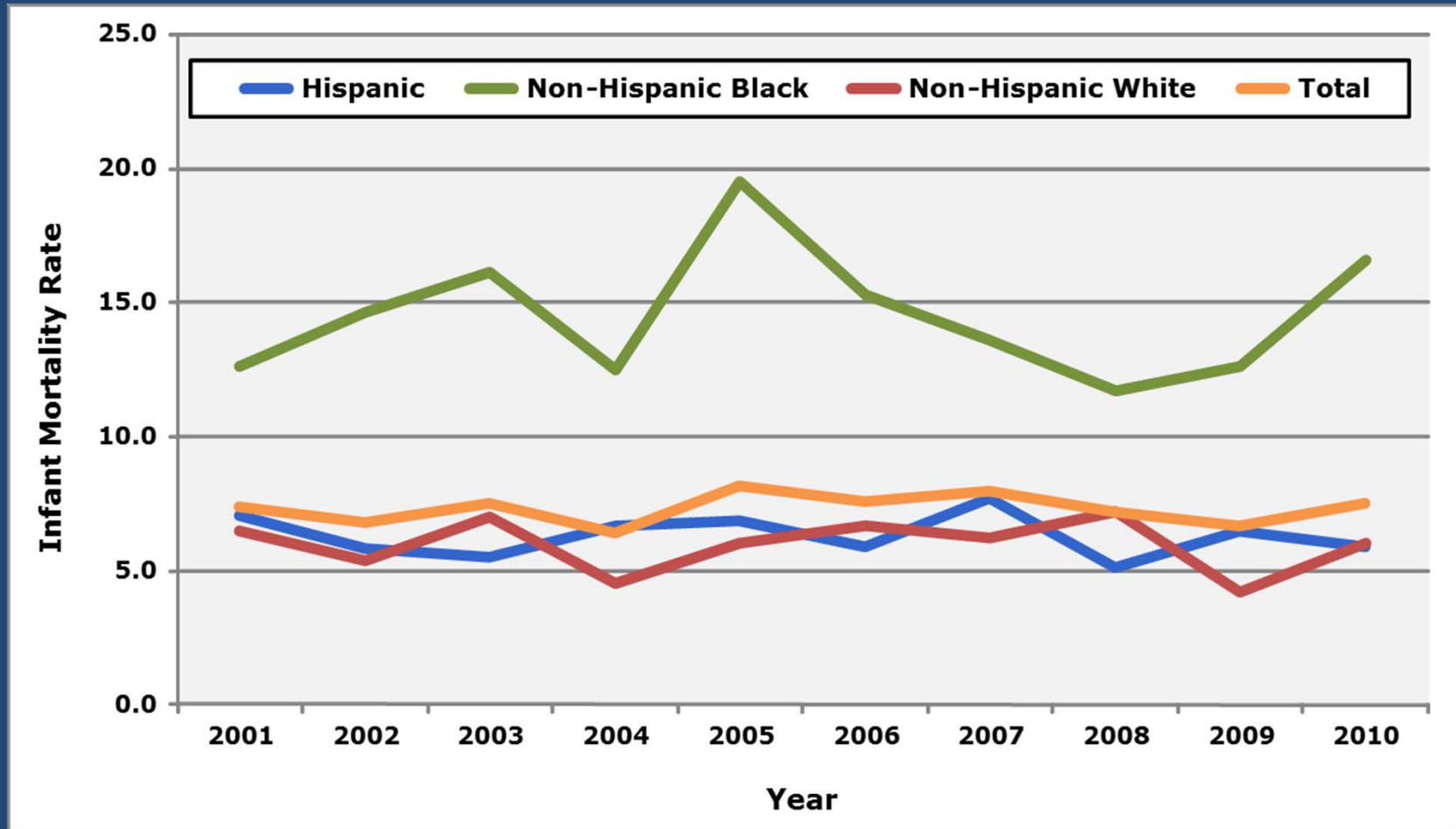
These data were prepared by Tarrant County Public Health for its use, and may be revised any time, without notification. Tarrant County Public Health does not guarantee the correctness or accuracy of any features on this map. Tarrant County assumes no responsibility in connection therewith. Said data should not be edited by anyone other than designated personnel, or through written approval by GIS Manager. These data are for informational purposes only and should not create liability on the part of Tarrant County Government, any officer and/or employees thereof.



Data source: Texas Department of State Health Services

Map provided by: Tarrant County Public Health

Infant Mortality by Race/Ethnicity, 2001-2010



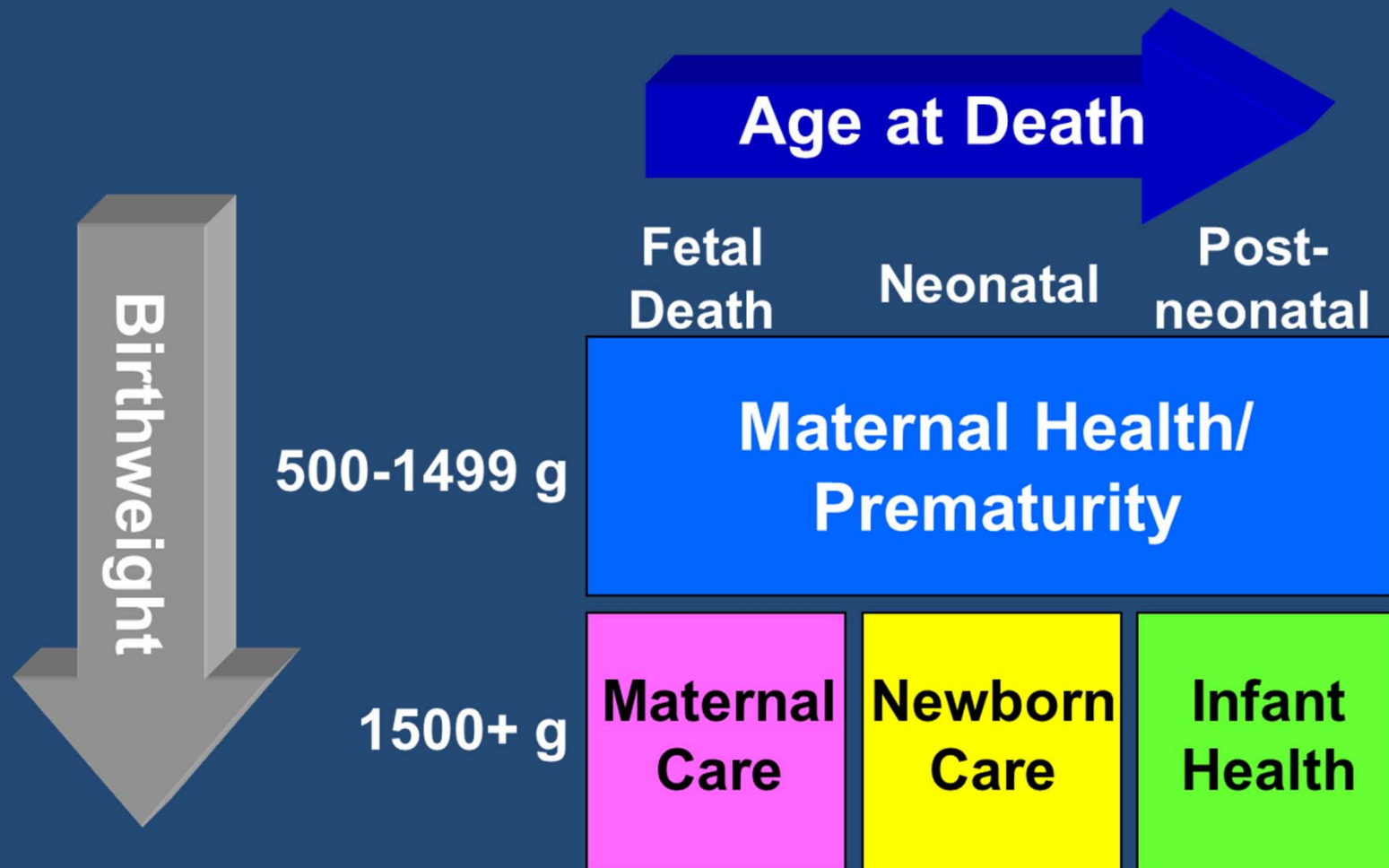
Rate per 1,000 live births

Data source: Texas Department of State Health Services



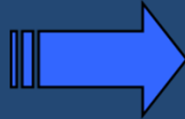
WHAT WE DO KNOW...

Perinatal Periods of Risk (PPOR)



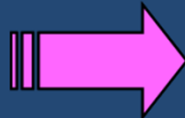
Perinatal Periods of Risk (PPOR)

**Maternal
Health/
Prematurity**



Preconception Health
Health Behaviors
Perinatal Care

**Maternal
Care**



Prenatal Care
High Risk Referral
Obstetric Care

**Newborn
Care**



Perinatal Management
Neonatal Care
Pediatric Surgery

**Infant
Health**



Sleep Position
Breast Feeding
Injury Prevention

Fetal Infant Mortality Review (FIMR)

FETAL INFANT Mortality Review



TARRANT COUNTY

*Study findings and recommendations
from the Tarrant County FIMR
Case Review Team*

DECEMBER 2009



**Tarrant County
Public Health**

*Safeguarding our
community's health*

Intervention Focus Areas
Identified by the Case
Review Team:

- Sexually Transmitted Diseases
- Chronic Diseases
- Overweight/Obesity
- Fetal Movement (Kick Counts)

Report available at www.tarrantcounty.com/HealthData

Fast Facts

- From 2000 to 2010, the IMR *increased*
7% among Hispanics
18% among Non-Hispanic Blacks &
23% among Non-Hispanic Whites
- Males have a *higher* IMR than females
(7.0 vs. 6.2)
- Infants born to mothers <20 years of
age account for *12%* of all live births
and *16%* of all infant deaths

Fast Facts

- The majority (56%) of infant deaths in TC are among babies born *< 32 weeks gestation* and more than half (55%) of all infant deaths are *very low birth weight* (VLBW <1,500 grams)
- Preterm babies have an IMR *20x higher* than full term babies and VLBW infants have an IMR *125x higher* than those of adequate birth weight.



Fast Facts

- Non-Hispanic Black mothers with college degrees have an IMR *more than 50% higher* than Hispanics and Non-Hispanic Whites who did not finish high school (10.7 vs. 6.2 & 7.1).
- Mortality among babies of *unmarried mothers is 40% higher* than among babies whose mothers are married (8.0 vs. 5.7).
- Women who are obese before getting pregnant have an IMR *46% higher* than women who began their pregnancy at a healthy weight (8.2 vs. 5.6).

Fast Facts

- Mothers who did not receive prenatal care have a **274% higher** IMR than mothers who began prenatal care during the first trimester of their pregnancy (23.2 vs. 6.2).



- Among all infant deaths in TC
 - 55% live **< 7 days** (Early Neonatal Death)
 - 42% live **< 1 day**
 - 14% live **< 1 hour**

Leading Causes of Infant Death

Rank	All Infant Deaths	Hispanic	Non-Hispanic Black	Non-Hispanic White
1	Congenital malformations (Birth defects)	Congenital malformations (Birth defects)	Disorders related to short gestation and low birth weight	Congenital malformations (Birth defects)
2	Newborn affected by maternal factors and by complications of pregnancy, labor, and delivery	Newborn affected by maternal factors and by complications of pregnancy, labor, and delivery	Newborn affected by maternal factors and by complications of pregnancy, labor, and delivery	Sudden Infant Death Syndrome (SIDS)
3	Disorders related to short gestation and low birth weight	Disorders related to short gestation and low birth weight	Congenital malformations (Birth defects)	Disorders related to short gestation and low birth weight

Upcoming Data Analyses

- FIMR Report (2008-2010)
- New PPOR (2007-2009)
- Preconception Health Indicators (45)
 - Pregnancy Risk Assessment Monitoring System (PRAMS) (23)
 - Tarrant County Public Health (22)

Preconception & Interconception Health



Thank you!



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