

TARRANT COUNTY PUBLIC HEALTH DATA BRIEF

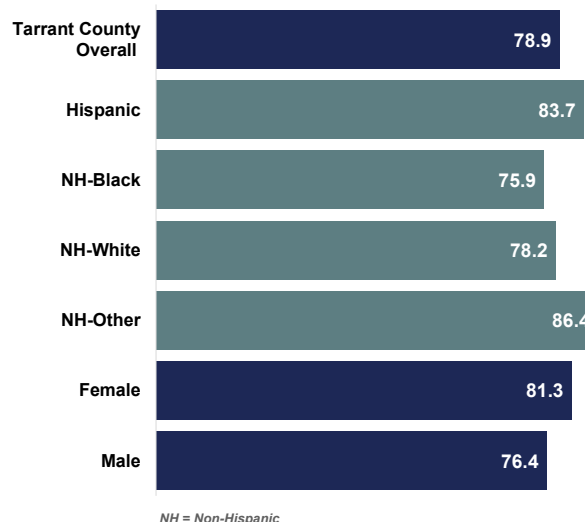


LIFE EXPECTANCY IN TARRANT COUNTY

LIFE EXPECTANCY at birth represents the average number of years a newborn can expect to live, if current death rates do not change. Life expectancy is influenced by individual factors (e.g., genetics, smoking, alcohol consumption, risk behaviors, diet, physical activity) as well as community factors (e.g., access to healthcare, affordable housing, public safety, access to healthy foods, transportation infrastructure). For this data brief, life expectancy was calculated for single years to compare trends at the county, state, and national level. Five years of data (2016-2020) were combined for life expectancy calculations for ZIP codes to ensure enough data were available to calculate stable estimates. In order to make appropriate comparisons with ZIP code results, we also used five years of data (2016-2020) to calculate life expectancy for all of Tarrant County, by gender, and by race/ethnicity.

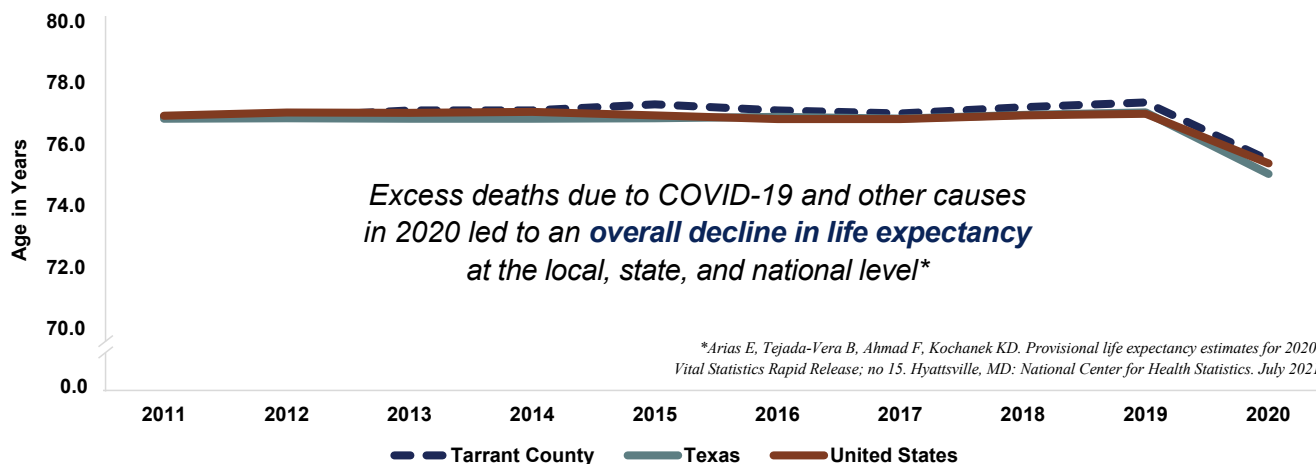
- Life expectancy among Tarrant County births in 2020 was **75.5 years**, which was **slightly higher compared to Texas** (75.0 years) and **comparable to the U.S.** (75.4 years).
- Life expectancy in Tarrant County **increased from 2011 to 2019** (76.9 years to 77.4 years) **before declining in 2020** (75.5 years).
- For the combined years 2016-2020, life expectancy at birth in Tarrant County was:
 - higher among females** (81.3 years) compared to males (76.4 years)
 - higher among Hispanic and non-Hispanic Other residents** (83.7 & 86.4 years) compared to non-Hispanic Black and non-Hispanic White residents (75.9 & 78.2 years).

Figure 1. Life expectancy at birth in years by gender and race/ethnicity among Tarrant County residents, 2016-2020



NH = Non-Hispanic

Figure 2. Life expectancy at birth in years, Tarrant County, Texas, and the United States, 2011-2020



- Of the five ZIP codes with the **lowest** life expectancy in 2006-2010, **all five** of them had an **increase** in life expectancy in 2016-2020 (Figure 3).
- Of the five ZIP codes with the **highest** life expectancy in 2006-2010, **three** of them had a **decrease** in life expectancy in 2016-2020 (Figure 3).
- The ZIP code with the **greatest increase** in number of years of life expectancy from 2006-2010 to 2016-2020 was **ZIP 76248** (74.3 years vs. 82.0 years, an increase of 7.7 years).
- The ZIP code with the **greatest decrease** in number of years of life expectancy from 2006-2010 to 2016-2020 was **ZIP 76164** (81.7 years vs. 75.7 years, a decrease of 6.0 years).

Figure 3. Life expectancy at birth in years from 2006-2010 compared to 2016-2020 by ZIP code, Tarrant County

	ZIP Code	2006-2010	2011-2015	2016-2020	Number of Years Increased or Decreased	Percent Change
Lowest Life Expectancy 2006-2010	76104	65.7	72.1	70.4	(+) 4.7	(+) 7.2
	76105	70.9	70.0	75.7	(+) 4.8	(+) 6.8
	76102	71.5	76.1	76.7	(+) 5.2	(+) 7.3
	76119	71.9	73.1	74.2	(+) 2.3	(+) 3.2
	76106	72.6	74.8	77.3	(+) 4.7	(+) 6.5
Highest Life Expectancy 2006-2010	76182	85.4	79.9	80.3	(-) 5.1	(-) 6.0
	76244	85.1	79.1	79.3	(-) 5.8	(-) 6.8
	76164	81.7	78.6	75.7	(-) 6.0	(-) 7.3
	76092	81.0	80.6	82.2	(+) 1.2	(+) 1.5
	76034	80.2	80.3	84.4	(+) 4.2	(+) 5.2

Figure 4. Life expectancy at birth in years by ZIP code, Tarrant County, 2016-2020

