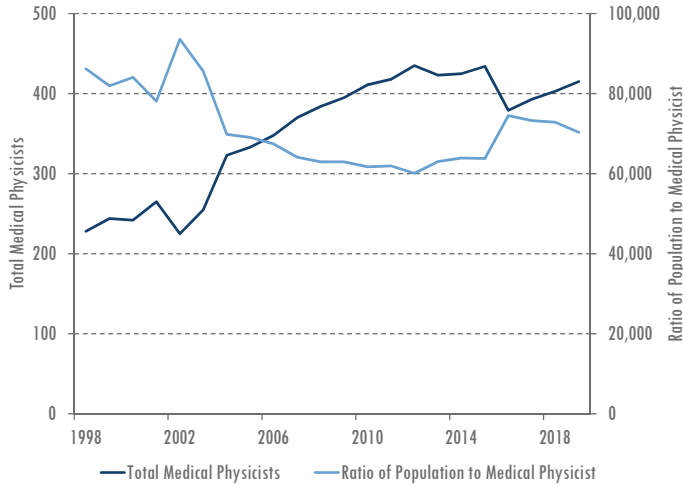




## Medical Physicists

2019

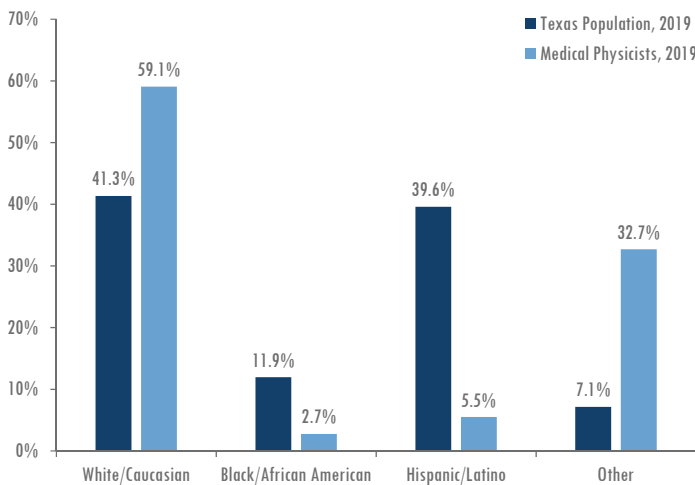
### Medical Physicist Growth Trends



In 2019, there were 415 actively licensed medical physicists providing care in Texas.

- This number represented a 2.4% decrease since 2014 and a 5.1% increase since 2009.
- Relative to population growth, the size of the medical physicist workforce has declined by 11.7% over the past 10 years.

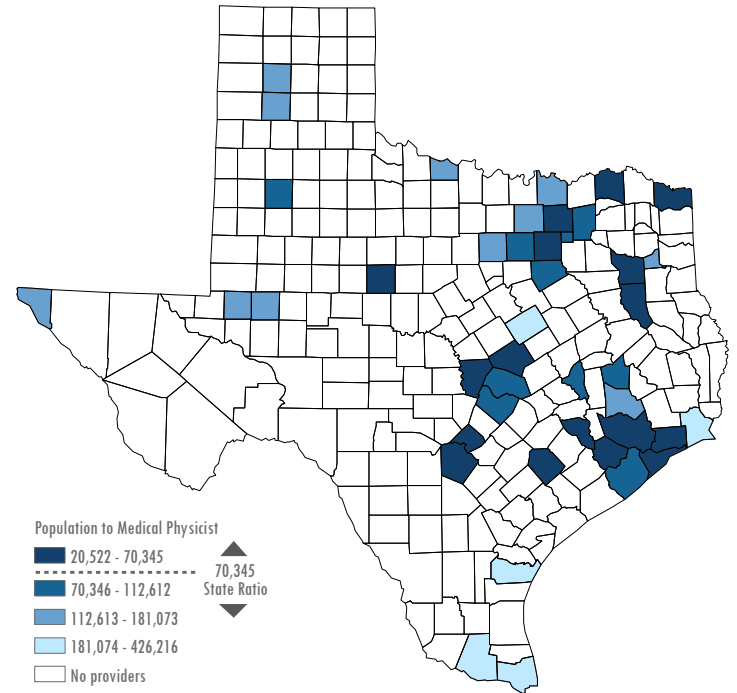
### Race/Ethnicity of Medical Physicists



Black/African American and Hispanic/Latino medical physicists were underrepresented when compared to the Texas population.<sup>1</sup>

<sup>1</sup> Race/ethnicity data were available for 364 of the state's 415 medical physicists.

### Ratio of Texas Population to Medical Physicist by County



Geographic Designation	Ratio of Population to Medical Physicist
Metropolitan	63,783
Non-metropolitan	517,646
Border	281,657
Non-border	65,128
<b>Texas</b>	<b>70,345</b>

Medical physicists were not evenly distributed throughout the state.

- There was a 156.1% difference between the number of medical physicists in metropolitan and non-metropolitan areas even after controlling for population differences.
- Between border and non-border areas, the percent difference was 124.9%.



## Age Distribution of Medical Physicists

Age Group	Number	Percent
≤30	8	1.9%
31-35	32	7.7%
36-40	70	16.9%
41-45	66	15.9%
46-50	43	10.4%
51-55	48	11.6%
56-60	56	13.5%
61-65	40	9.6%
>65	52	12.5%
<b>Total</b>	<b>415</b>	<b>100.0%</b>

Within 10 years, 35.7% of the current Texas medical physicist workforce will be eligible for retirement.

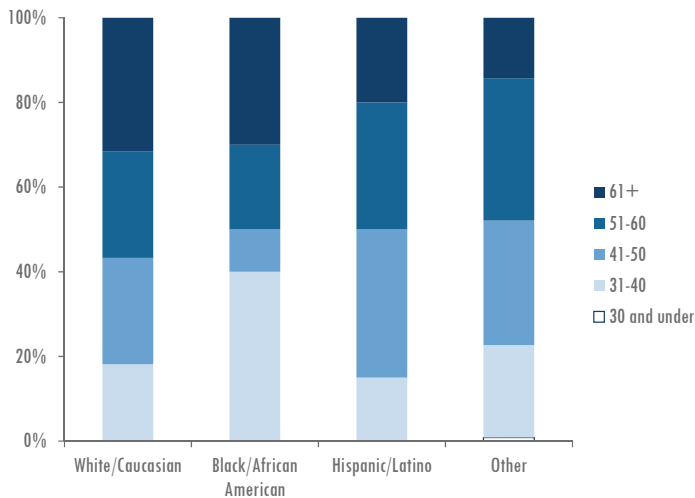
- 12.5% of active medical physicists in Texas were older than 65 years of age in 2019.
- 23.1% were between the ages of 56 and 65.

## Primary Practice Setting of Medical Physicists

Setting	Number of Medical Physicists
Hospital-based	157
Partnership or group	48
Medical school faculty	46
Solo	31
Direct medical care	13
Research	3
Veterans affairs	3
Military	2
Public health service	1
Other	32
<b>Total</b>	<b>336<sup>2</sup></b>

<sup>2</sup> Primary practice setting data were available for 336 of the state's 415 medical physicists.

## Age Distribution of Medical Physicists by Race/Ethnicity



- Among white/Caucasian medical physicists, 56.7% were 51 years of age or older, while 18.1% were between 31 and 40 years of age.
- 40.0% of blacks/African Americans were between 31 and 40 years of age. Another 30.0% were 61 years of age or older.
- 50.0% of Hispanics/Latinos were 51 years of age or older, while 15.0% were between 31 and 40 years of age.