

### Emergency Medical Services Personnel Growth Trends

This fact sheet is an overview of the trends, distribution, and demographics of emergency medical services (EMS) personnel in Texas. In 2020, there were 67,180 actively licensed EMS personnel in Texas.

- This number represented a 9.5% increase since 2015 and a 19.1% increase since 2010.
- Relative to population growth, the size of the EMS workforce has improved by 1.8% over the past 10 years.

Figure 1. Total EMS Personnel

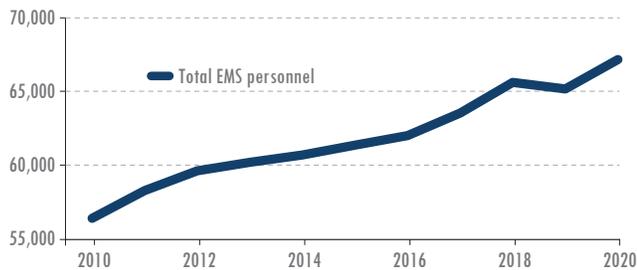
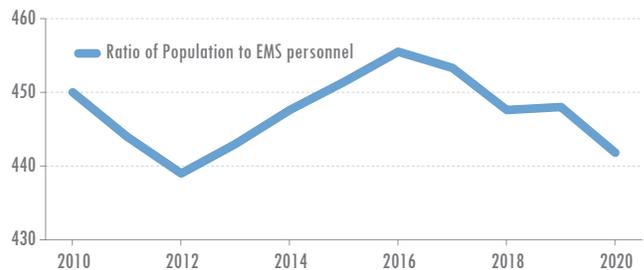


Figure 2. Ratio of Population to EMS Personnel



### Geographic Distribution of Emergency Medical Services Personnel

Figure 3. Ratio of Texas Population to EMS Personnel by County

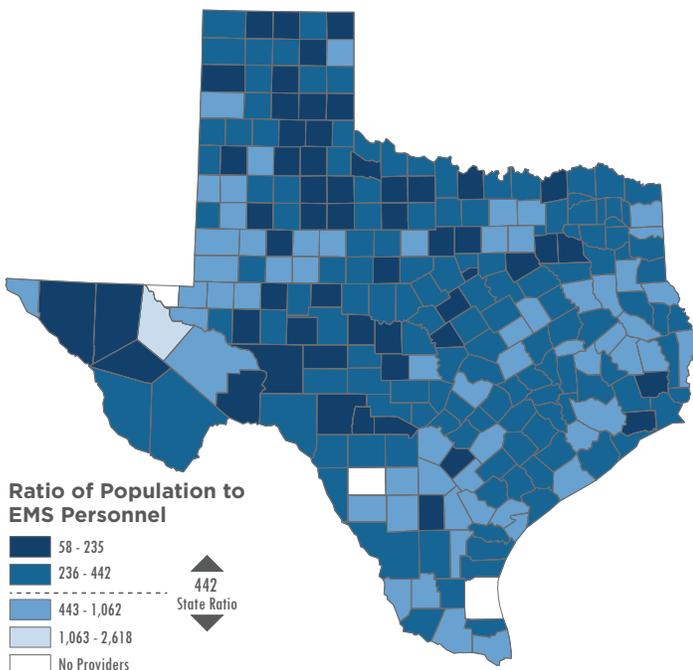


Table 1. Ratio of Texas Population to EMS Personnel by Geographic Designation

Geographic Designation	Ratio of Population to EMS Personnel
Metropolitan	456
Non-metropolitan	350
Border	471
Non-border	439
Texas	442

EMS personnel were fairly evenly distributed throughout border and non-border counties, but not metropolitan and non-metropolitan counties.

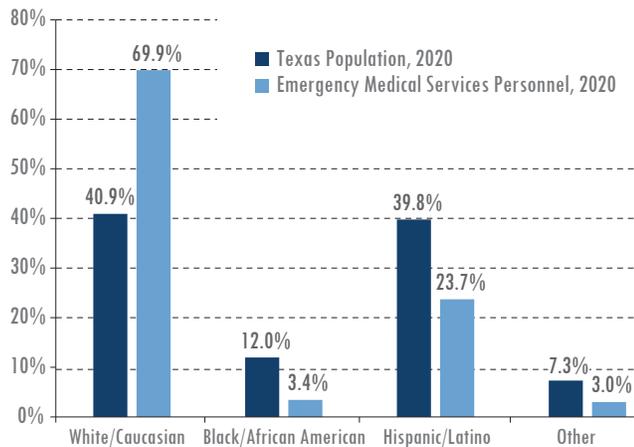
- Per capita, non-metropolitan counties had 1.3 times as many EMS personnel as metropolitan counties.
- Per capita, non-border counties had 1.1 times as many EMS personnel as border counties.

# Demographics of Emergency Medical Services Personnel

## Race/Ethnicity of EMS Personnel

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

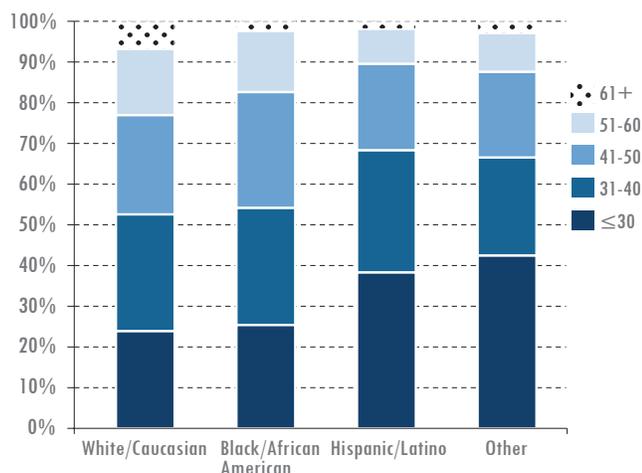
**Figure 4. Race/Ethnicity of Texas Population and EMS Personnel**



## Age Distribution of EMS Personnel by Race/Ethnicity

- 6.8% of white/Caucasian EMS personnel were 61 years of age or over, while 52.6% were aged 40 years or under.
- 28.4% of black/African American EMS personnel were between 41 and 50 years of age, and 54.2% were aged 40 years or under.
- 21.2% of Hispanic/Latino EMS personnel were between 41 and 50 years of age, and 68.3% were aged 40 years or under.

**Figure 5. Age Distribution of EMS Personnel by Race/Ethnicity**



## Gender of EMS Personnel

- In 2020, 24.5% of EMS personnel were female and 75.5% were male.<sup>2</sup>
- Among EMS personnel aged 40 years or under in 2020, 26.4% were female and 73.6% were male.

## Age Distribution of EMS Personnel by Gender

Within 10 years, 11.4% of the current Texas EMS workforce will be over 65 years of age.<sup>3</sup>

- 27.9% of all EMS personnel were 30 years of age or under.
- 2.0% of active EMS personnel in Texas were over 65 years of age in 2020.
- Among EMS personnel over 55 years of age, males comprised 76.7% of the EMS workforce.

**Table 2. Age Distribution of EMS Personnel by Gender**

Age Group	Female	Male	Total
≤25	1,576	2,882	4,458
26-30	1,277	3,605	4,882
31-35	1,141	3,885	5,026
36-40	1,040	3,644	4,684
41-45	908	3,227	4,135
46-50	824	2,965	3,789
51-55	540	2,147	2,687
56-60	468	1,579	2,047
61-65	269	855	1,124
>65	158	505	663
<b>Total</b>	<b>8,201</b>	<b>25,294</b>	<b>33,495</b>

<sup>1</sup> Race/ethnicity data were available for 33,068 of 67,180 EMS personnel.

<sup>2</sup> Gender data were available for 33,495 of 67,180 EMS personnel.

<sup>3</sup> The earliest retirement age for social security is 62.



## License Type of EMS Personnel

Figure 6. License type

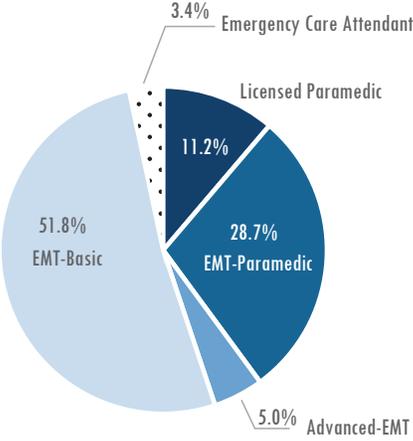


Figure 6 shows the percentage of license types from most to least advanced (clockwise) with Licensed Paramedic requiring the most training and Emergency Care Attendant requiring the least amount of training.

