

Pharmacists Growth Trends

This fact sheet is an overview of the trends, distribution, and demographics of pharmacists in Texas. In 2022, there were 28,601 actively licensed pharmacists in Texas.

- This number represented a 10.8% increase since 2017 and a 34.8% increase since 2012 (Figure 1).
- The ratio of Texas population per one pharmacist in 2012 was 1,242 and in 2022 it was 1,072. This ratio has decreased by 13.0% since 2012 (Figure 2).¹

Figure 1. Total Pharmacists in Texas

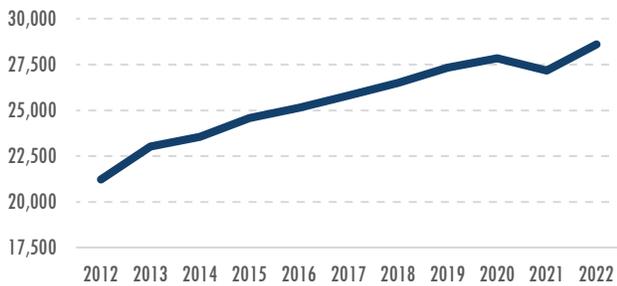


Figure 2. Ratio of Population to Pharmacist in Texas¹



Geographic Distribution of Pharmacists

Figure 3. Ratio of Texas Population to Pharmacist by County¹

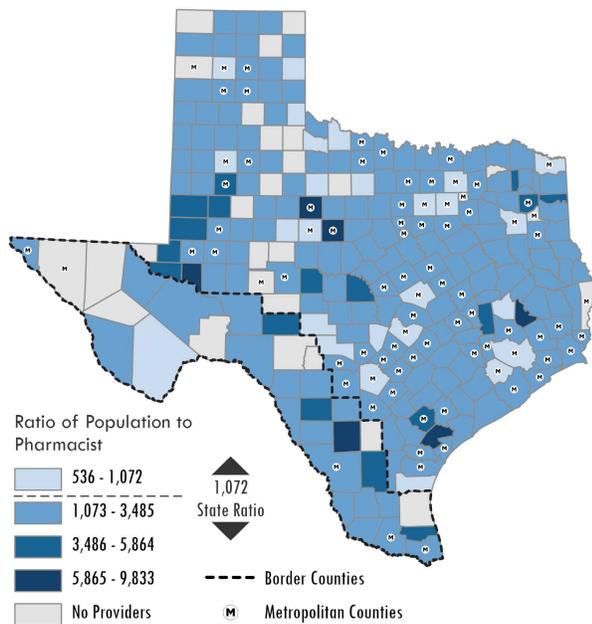


Table 1. Ratio of Texas Population to Pharmacist by Geographic Designation¹

Geographic Designation	Ratio of Population to Pharmacist
Metropolitan	983:1
Non-metropolitan	2,406:1
Border	1,333:1
Non-border	1,056:1
Texas	1,072:1

- Pharmacists were not evenly distributed throughout the state.
- The ratio of population to pharmacist is higher in non-metropolitan and border counties compared to metropolitan and non-border counties respectively.
- 26 counties in Texas had no pharmacists in 2022 (Figure 3).

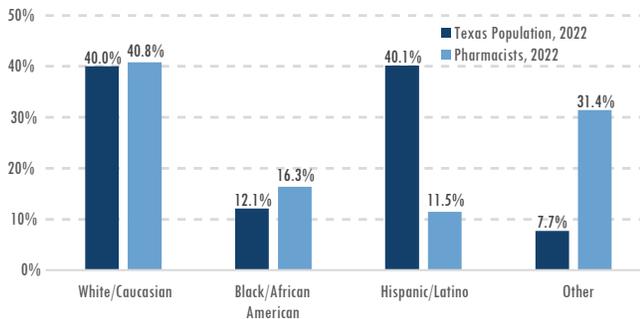
¹ Population numbers are sourced from the Texas Demographic Center (previously the Texas State Data Center). The center regularly updates the demographic projections. Therefore, population numbers for a particular year may differ depending on the date the data was retrieved.

Demographics of Pharmacists

Race/Ethnicity

- When compared to the Texas population, there was under-representation of Hispanic/Latino pharmacists and over-representation of Black/African American and "Other" race/ethnicity.
- Race/ethnicity data were available for 28,246 of 28,601 pharmacists.

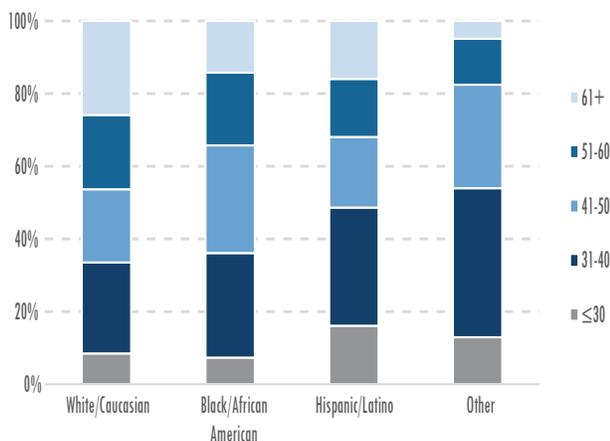
Figure 4. Distribution of Texas Population and Pharmacists by Race/Ethnicity²



Age Distribution by Race/Ethnicity

- In 2022, 25.8% of White/Caucasian pharmacists were over 61 years old, 40.6% were between 41 and 60 years old, and 33.6% were 40 years or younger (Figure 5).
- 14.3% of Black/African American pharmacists were over 61 years old, 49.9% were between 41 and 60 years old, and 35.9% were 40 years or younger (Figure 5).
- 16.1% of Hispanic/Latino pharmacists were over 61 years old, 35.5% were between 41 and 60 years old, and 48.4% were 40 years or younger (Figure 5).

Figure 5. Age Distribution of Pharmacists by Race/Ethnicity



- 4.9% of pharmacists self-identifying as "Other" race or ethnicity were over 60 years old, 41.3% were between 41 and 60 years old, and 53.8% were under 40 years old.

Gender

- In 2022, gender data were available for 28,521 out of 28,601 pharmacists (99.7%). 59.8% of pharmacists were female and 40.2% were male.
- In 2012, gender data were available for 13,511 out of 21,218 pharmacists (63.7%). 51.9% were female and 48.1% were male.

Age Distribution by Gender

- Within 10 years, 23.7% of the current Texas pharmacist workforce will be over 65 years of age.
- In 2022, 9.6% of active pharmacists in Texas were over 65 years of age.
- Among pharmacists over 55 years of age, males comprised 53.1% of the workforce.
- In 2022, among pharmacists aged 40 years or under 64.8% were female and 35.2% were male.

Table 2. Age Distribution of Pharmacists by Gender

Age Group	Female	Male	Total
≤30	2,051	1,009	3,060
31-35	2,949	1,665	4,614
36-40	2,825	1,585	4,410
41-45	2,306	1,280	3,586
46-50	2,040	1,259	3,299
51-55	1,713	1,078	2,791
56-60	1,311	851	2,162
61-65	985	870	1,855
>65	872	1,871	2,743
Total	17,052	11,468	28,520

² Population numbers are sourced from the Texas Demographic Center (previously the Texas State Data Center). The center regularly updates the demographic projections. Therefore, population numbers for a particular year may differ depending on the date the data was retrieved.



Employment Characteristics of Pharmacists

- Primary specialty data were available for 6,265 of 28,601 active pharmacists (21.9%).
- The top three primary specialties of pharmacists were administration of immunizations or vaccinations (53.3%), BPS certification in pharmacotherapy (19.7%), and BPS certification in ambulatory care pharmacy (4.2%).
- Primary practice setting data were available for 91.5% of active pharmacists.
- The top three primary practice settings were community - chain (35.2%), hospital - non government (21.0%), and community - independent (14.3%).
- The top three primary practice settings accounted for 70.5% of all active pharmacists.

Table 3. Primary Specialty of Pharmacists

Specialty	Count
Administration of Immunizations or Vaccinations	3,376
BPS ⁴ Certification in Pharmacotherapy	1,264
BPS ⁴ Certification in Oncology Pharmacy	271
BPS ⁴ Certification in Ambulatory Care Pharmacy	258
Medication Therapy Management	218
Sterile Compounding Pharmacist	209
BPS ⁴ Certification in Critical Pharmacy	158
ASCP ⁵ Certification in Geriatric Pharmacy	137
BPS ⁴ Certification in Pediatric Pharmacy	120
BPS ⁴ Certification in Psychiatric Pharmacy	102
Certified Infectious Diseases Pharmacist	52
American Board of Clinical Pharmacology Certification	50
BPS ⁴ Certification in Nuclear Pharmacy	49
Certified Diabetes Educator	46
BPS ⁴ Certification in Nutrition Support Pharmacy	36
American Academy of Pain Management Credential in Pain Management	14
Certified Cardiology Pharmacist	8
American Board of Applied Toxicology Certification	7
NBNSC ⁶ Cert Nutrition Support Clinician	5
Total	6,265

⁴ Board of Pharmacy Specialties

⁵ American Society of Consultant Pharmacists

⁶ National Board of Nutrition Support Certification

Table 4. Primary Practice Setting of Pharmacists

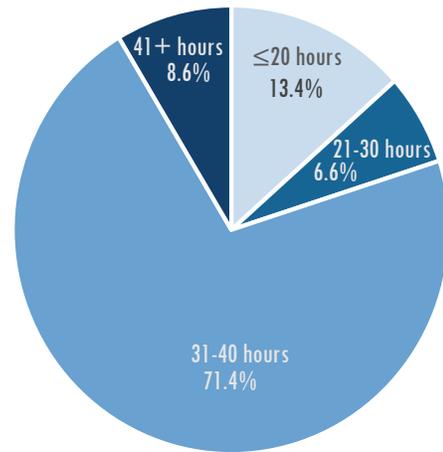
Practice Setting	Count
Community - Chain	9,217
Hospital - Non-Government	5,485
Community - Independent	3,753
Hospital - Government	1,675
Unemployed	685
Mail Service	603
Pharmacy Management	566
Long Term Care	542
Retired	411
Community - Government	345
Government	281
Education	264
Sterile Pharmaceuticals	192
HMO ⁷	147
Manufacturer or Wholesaler	132
Nuclear	111
Home Health	101
Armed Services	33
Other	1,629
Total	26,172

⁷ Health Maintenance Organization

Employment Characteristics of Pharmacists

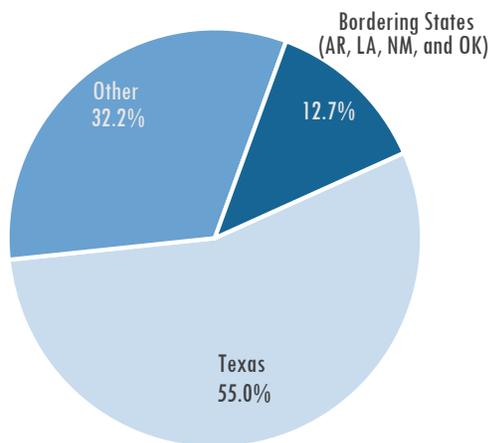
- In 2022, 71.4% of active pharmacists in Texas practiced 31-40 hours at their primary location (Figure 6).
- 2022 data on primary practice hours were available for 87.5% of active pharmacists in Texas.

Figure 6. Primary Practice Hours of Pharmacists in Texas



Training of Pharmacists

Figure 7. Training of Texas Pharmacists by State



- In 2022, 54.8% of pharmacists practicing in Texas were trained in Texas, 12.8% were trained in states bordering Texas, and 32.4% were trained in other states (Figure 7).
- Training data were available for 99.4% of active Texas pharmacists.

