This update presents data for the 87[1] vocational nursing (VN) programs and the military-based VN program[1] in Texas during the 2022 reporting year, including:

- 82 generic programs
- 5 Multiple Entry/Exit Programs (MEEPs)

The Texas Center for Nursing Workforce Studies (TCNWS) collected data using the 2022 Board of Nursing's (BON) Nursing Education Program Information Survey (NEPIS) that was available online as of October 3, 2022. The reporting period was academic year (AY) 2021-2022 (September 1, 2021 – August 31, 2022) unless otherwise noted. TCNWS collaborated with the BON in the design and dissemination of the survey.

[1]Data collected from the military-based VN program were analyzed separately and can be found on page 3.

Newly Enrolled Students in Vocational Nursing Programs

Gender

The newly enrolled VN student population was predominately female: 87.4% in AY 2021-2022. Gender data were missing for 1.6% of newly enrolled VN students.

Age

Figure 1 presents the breakdown of newly enrolled VN students by age. Age data were missing for 0.1% of newly enrolled VN students.
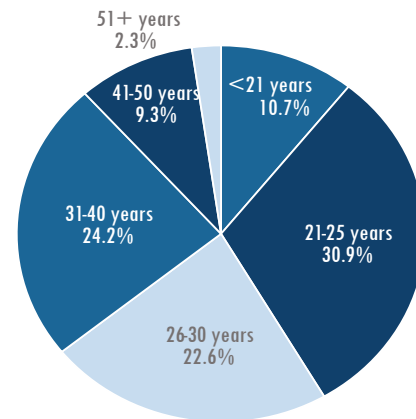
- The majority (64.3%) of newly enrolled VN students were 30 years or younger.
- 24.2% of newly enrolled students were between the ages of 31 and 40.
- 11.6% of newly enrolled VN students were 41 years or older.

Race/Ethnicity

Figure 2 (page 2) shows the racial/ethnic distribution of the newly enrolled VN students in 2022 compared to the 2022 Texas VN workforce and the projected Texas population for 2022. Figure 3 (page 2) shows the racial/ethnic trends of newly enrolled VN students. Race/ethnicity data were missing for 4.7% of newly enrolled VN students in 2022.

- The proportion of White/Caucasian newly enrolled VN students in 2022 in Texas (25.8%) was lower than the proportion of Whites/Caucasians in the 2022 VN workforce (57.0%) and in the 2022 projected Texas population (40.0%).

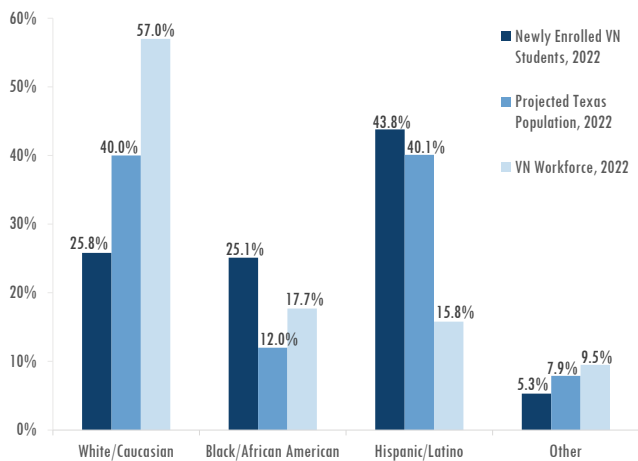**Figure 1. Age of Newly Enrolled Students, 2022**

- 25.1% of newly enrolled VN students were Black/African American, which was approximately double the proportion in the 2022 Texas population (12.0%), and higher than the 2022 Texas VN workforce (17.7%).

- The proportion of newly enrolled VN students who were Hispanic/Latino (43.8%) was nearly three times the proportion in the 2022 VN workforce (15.8%). However, the proportion was similar to the proportion of Hispanics/Latinos in the 2022 projected Texas population (40.1%).
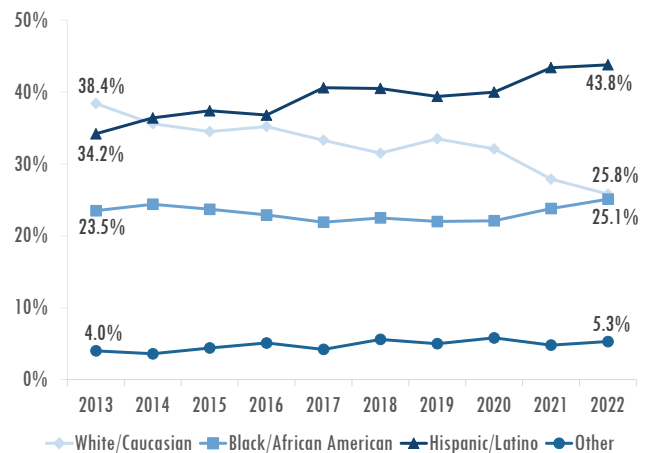
International Students

- Programs reported a total of 120 newly enrolled international students[4] (2.6% of all newly enrolled VN students). This is double the amount in 2021.

Figure 2. Race/Ethnicity of Newly Enrolled VN Students, Texas VN Workforce[2], and Texas Population[3]

Legend:
- Newly Enrolled VN Students, 2022
- Projected Texas Population, 2022
- VN Workforce, 2022

White/Caucasian: 25.8%, 40.0%, 57.0%
Black/African American: 25.1%, 12.0%, 17.7%
Hispanic/Latino: 43.8%, 40.1%, 15.8%
Other: 5.3%, 7.9%, 9.5%

Figure 3. Race/Ethnicity Trends of Newly Enrolled VN Students, 2013-2022

White/Caucasian: 38.4% → 34.2% ... 25.8%
Hispanic/Latino: 34.2% ... 43.8%
Black/African American: 23.5% ... 25.1%
Other: 4.0% ... 5.3%

Programs were asked what efforts, if any, they were making to attract a more diverse student population. 75 programs (86.2%) responded that they were making specific efforts. These efforts included focusing recruitment and outreach in diverse areas, hiring diverse faculty, holistic admissions systems, expanding marketing, and campus organizations that support minority students.

[2] VN workforce data come from the 2022 BON Licensure Renewal file of actively practicing Texas vocational nurses.

[3] Texas population data come from the 2022 Texas Demographic Center population projections (https://demographics.texas.gov/Data/TPEPP/Projections/).

[4] International was defined as a person who is not a citizen or permanent resident of the United States and who is in this country on a temporary basis and does not have the right to remain indefinitely.

Graduates from Vocational Nursing Programs

Gender

The graduates from VN programs were predominately female (87.9%). Gender data were missing for 0.1% of VN graduates.

Age

Figure 4 presents the breakdown of VN graduates by age. Age data were missing for 0.1% of VN graduates.
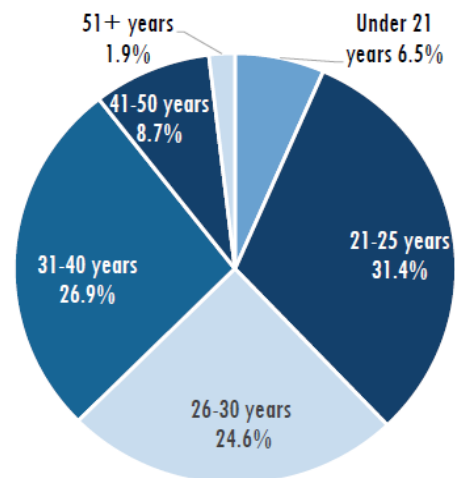
- The majority (62.5%) of VN graduates were 30 years or younger.
- 10.6% of VN graduates were aged 41 and older.

Race/Ethnicity

Figure 5 (page 3) shows the racial/ethnic distribution of 2022 VN graduates compared to the 2022 Texas VN workforce and the 2022 projected Texas population. Figure 6 shows the racial/ethnic trends of VN graduates.

- The proportion of VN graduates who were White/Caucasian (29.9%) was lower than both the proportion in the 2022 VN workforce (57.0%) and in the 2022 projected Texas population (40.0%).
- The proportion of Black/African American VN

Figure 4. Age of VN Graduates, 2022

- 51+ years 1.9%
- Under 21 years 6.5%
- 41-50 years 8.7%
- 31-40 years 26.9%
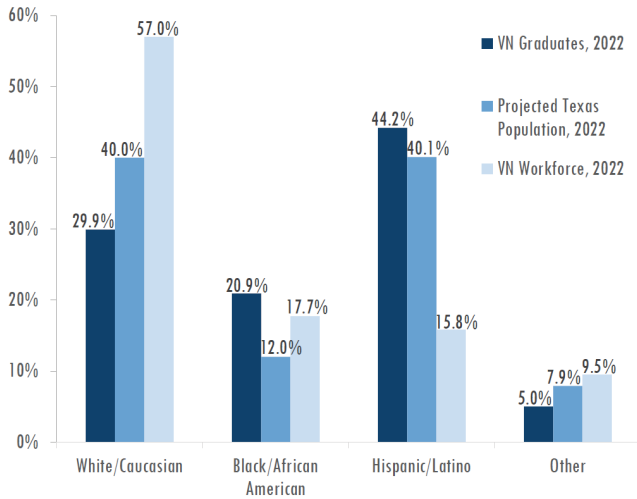- 21-25 years 31.4%
- 26-30 years 24.6%

graduates (20.9%) was higher than the proportion of Black/African American Texans in 2022 (12.1%) and the proportion of Black/African American nurses in the 2022 VN workforce (17.7%).

- The proportion of VN graduates who were Hispanic/Latino (44.2%) was greater than the proportion in the 2022 Texas VN workforce

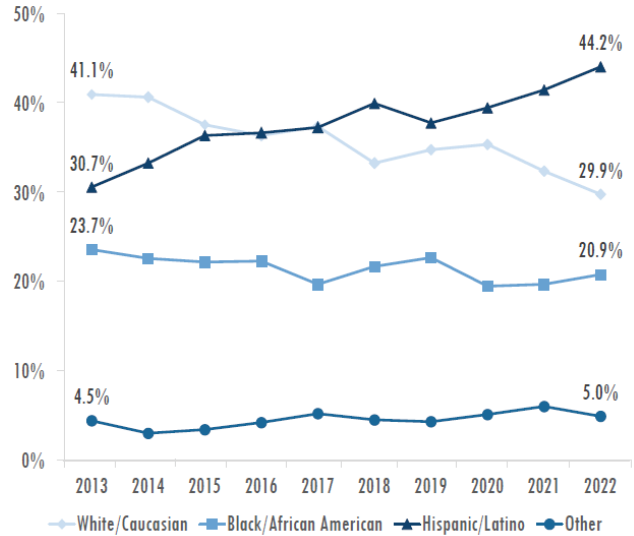Figure 5. Race/Ethnicity of VN Graduates, Texas VN Work-force[2], and Texas Population[3]

(15.8%), and almost identical to the 2022 Texas population (40.1%).

International Graduates

- Programs reported a total of 22 international graduates[4] (0.7% of all VN graduates).

Figure 6. Race/Ethnicity Trends of VN Graduates, 2013-2022

[2]VN workforce data come from the 2022 BON Licensure Renewal file of actively practicing Texas vocational nurses, the most recent data available at the time of this publication.

[3]Texas population data come from the 2022 Texas Demographic Center population projections (https://demographics.texas.gov/Data/TPEPP/Projections/).

[4]International was defined as a person who is not a citizen or permanent resident of the United States and who is in this country on a temporary basis and does not have the right to remain indefinitely.

Military-Based VN Student Demographics

Gender

Unlike other VN programs, graduates from the military-based VN program were predominately male: 50.8%. For enrolled military VN programs, female students (50.2%) outnumbered male students.
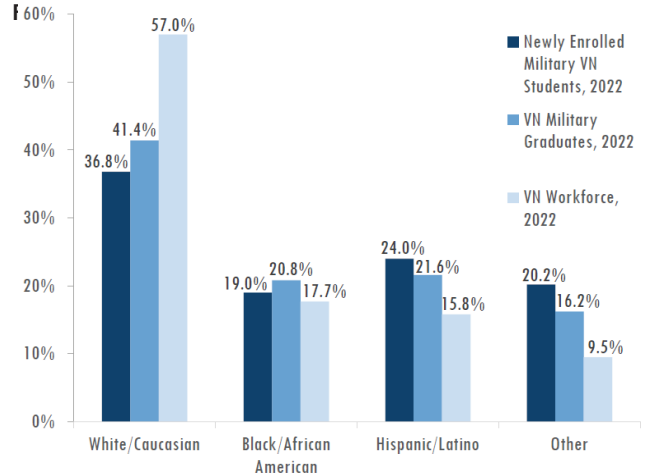
Age

The majority of newly enrolled students (85.7%) and graduates (86.1%) were 30 years or younger. Newly admitted military VN students 17-20 years comprised 40.3% (10.4% in non-military programs).

Race/Ethnicity

Figure 7 shows the racial/ethnic distribution of newly enrolled students and graduates from the military-based VN program compared to the 2022 Texas VN workforce.

- The proportions of White/Caucasian newly enrolled VN students and graduates were 36.8% and 41.4%, respectively.

- Black/African American newly enrolled students (19.0%) and graduates (20.8%) were both higher in proportion compared to the 2022 Texas VN workforce (17.7%).

Figure 7. Race/Ethnicity of Military-Based VN Program Newly Enrolled Students, Graduates, and the 2022 VN Workforce

Figure 7. Race/Ethnicity of Military-Based VN Program Newly Enrolled Students, Graduates, and the 2022 VN Workforce

- Hispanic/Latino newly enrolled students (24.0%) and graduates (21.6%) were also higher in proportion compared to the 2022 VN workforce (15.8%).

- The proportion of newly enrolled students who were other races/ethnicities (20.2%) was less than the proportion of graduates (16.2%) and both were greater than the 2022 Texas VN workforce (9.5%).