This reports shows regional trends for registered nurses (RN), professional nursing education programs, and RN employers located in the Gulf Coast. The region contains the following counties:
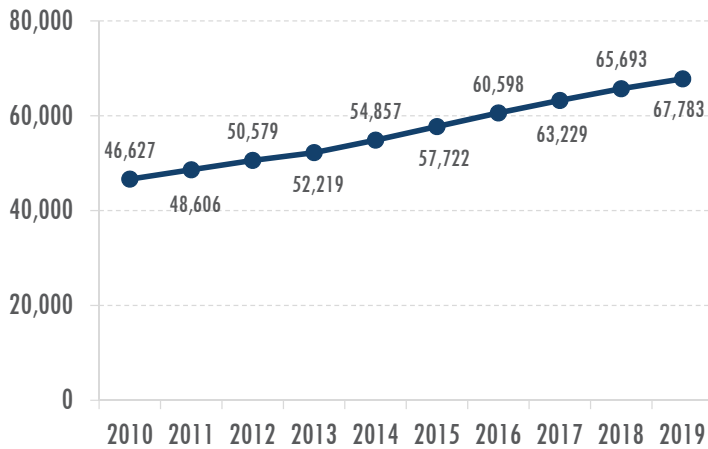
- Austin, Brazoria, Chambers, Colorado, Fort Bend, Galveston, Hardin, Harris, Jefferson, Liberty, Matagorda, Montgomery, Orange, Walker, Waller, and Wharton.

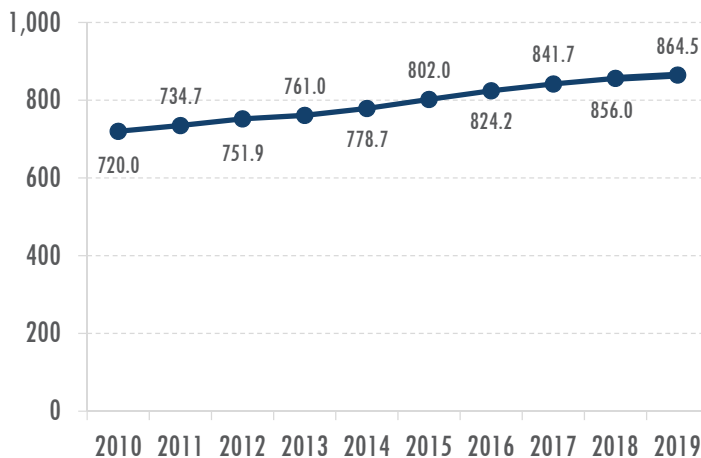The projected population of the Gulf Coast in 2019 was 7,840,537 people.[1]

Map of Texas regions: Panhandle, North Texas, East Texas, West Texas, Central Texas, South Texas, Gulf Coast, Rio Grande Valley.

Active Texas RNs[2]

Number of Active RNs in the Gulf Coast, 2010-2019

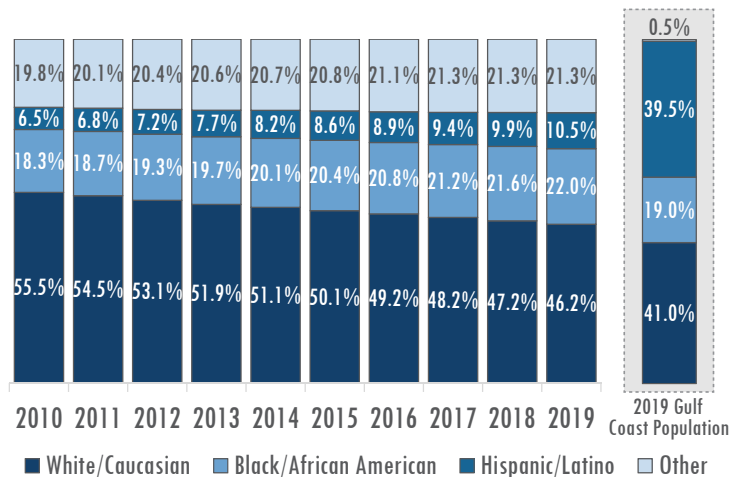| Year	Number
2010	46,627
2011	48,606
2012	50,579
2013	52,219
2014	54,857
2015	57,722
2016	60,598
2017	63,229
2018	65,693
2019	67,783

45.4% increase in the number of RNs since 2010

Supply of Active RNs per 100,000 Population in the Gulf Coast, 2010-2019

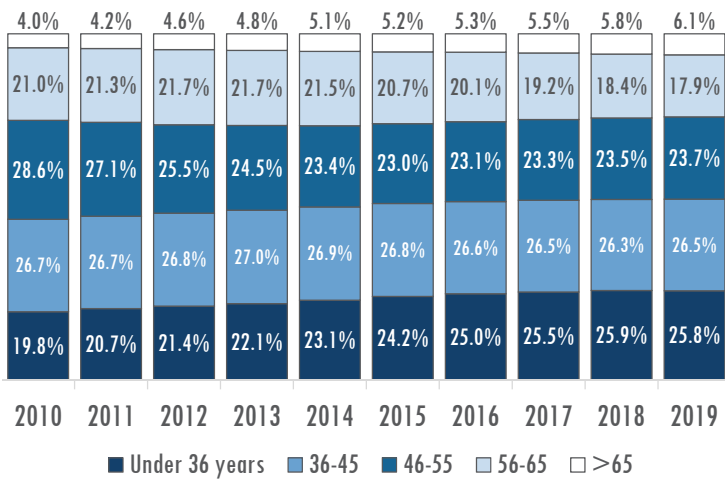| Year	Supply
2010	720.0
2011	734.7
2012	751.9
2013	761.0
2014	778.7
2015	802.0
2016	824.2
2017	841.7
2018	856.0
2019	864.5

Proportion of RNs in the Gulf Coast by Race/Ethnicity, 2010-2019

Year	White/Caucasian	Black/African American	Hispanic/Latino	Other
2010	55.5%	18.3%	6.5%	19.8%
2011	54.5%	18.7%	6.8%	20.1%
2012	53.1%	19.3%	7.2%	20.4%
2013	51.9%	19.7%	7.7%	20.6%
2014	51.1%	20.1%	8.2%	20.7%
2015	50.1%	20.4%	8.6%	20.8%
2016	49.2%	20.8%	8.9%	21.1%
2017	48.2%	21.2%	9.4%	21.3%
2018	47.2%	21.6%	9.9%	21.3%
2019	46.2%	22.0%	10.5%	21.3%
2019 Gulf Coast Population	41.0%	19.0%	39.5%	0.5%

Legend: ■ White/Caucasian ■ Black/African American ■ Hispanic/Latino ■ Other

[1] Texas population data come from the 2019 Texas State Data Center population projections (https://www.dshs.texas.gov/chs/popdat/ST2019.shtm).

[2] RN workforce data come from the 2019 BON Licensure Renewal file of actively practicing Texas nurses. Active RNs are defined as those with licenses in active status who are practicing in a nursing position full- or part-time in Texas.

Proportion of RNs in the Gulf Coast by Age, 2010-2019

Year	>65	56-65	46-55	36-45	Under 36 years
2010	4.0%	21.0%	28.6%	26.7%	19.8%
2011	4.2%	21.3%	27.1%	26.7%	20.7%
2012	4.6%	21.7%	25.5%	26.8%	21.4%
2013	4.8%	21.7%	24.5%	27.0%	22.1%
2014	5.1%	21.5%	23.4%	26.9%	23.1%
2015	5.2%	20.7%	23.0%	26.8%	24.2%
2016	5.3%	20.1%	23.1%	26.6%	25.0%
2017	5.5%	19.2%	23.3%	26.5%	25.5%
2018	5.8%	18.4%	23.5%	26.3%	25.9%
2019	6.1%	17.9%	23.7%	26.5%	25.8%

Proportion of RNs in the Gulf Coast by Highest Level of Nursing Education, 2010-2019

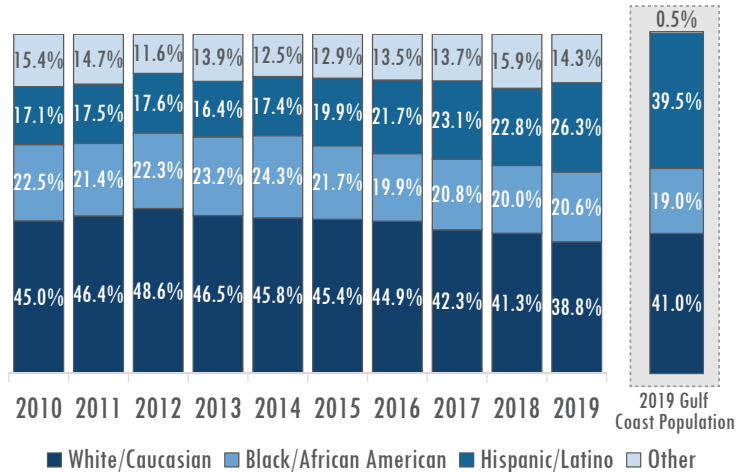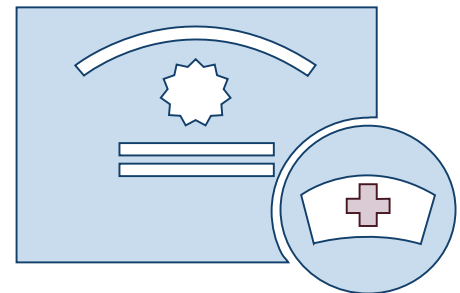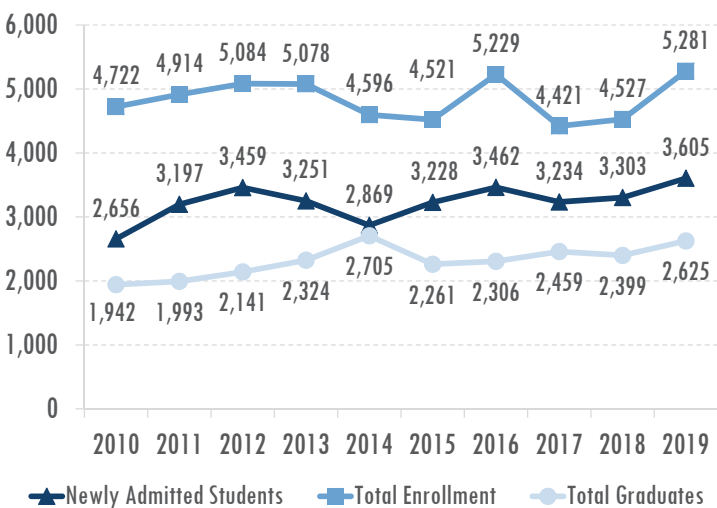| Year	Doctorate in Nursing	Master's in Nursing	Bachelor's in Nursing	Associate's in Nursing
2010	0.6%	9.3%	48.5%	41.6%
2011	0.6%	9.6%	48.9%	40.9%
2012	0.7%	10.0%	49.5%	39.9%
2013	0.7%	10.5%	50.5%	38.3%
2014	0.8%	10.9%	51.4%	36.9%
2015	0.9%	11.4%	52.3%	35.4%
2016	1.0%	12.0%	53.4%	33.6%
2017	1.1%	12.9%	54.3%	31.7%
2018	1.2%	13.9%	55.1%	29.8%
2019	1.4%	14.8%	55.7%	28.1%
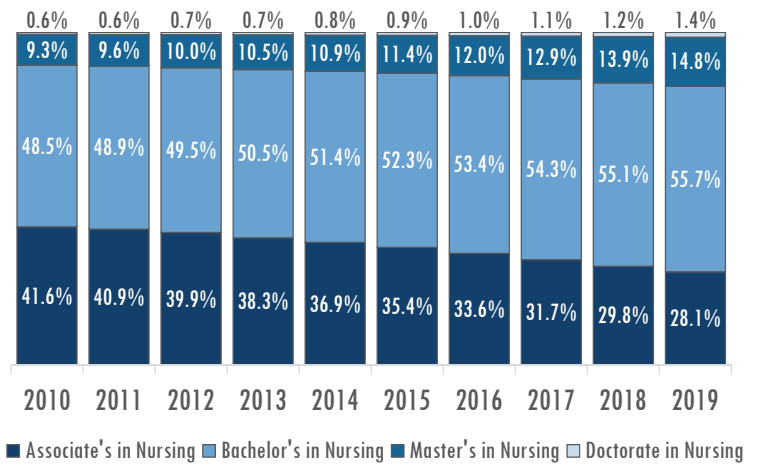
Pre-Licensure RN Education Programs

Qualified Applications, Admissions, and Qualified Applications Not Offered Admission in the Gulf Coast, 2010-2019

	Number of Programs	Seats for New Students[3]	Qualified Applications	Offered Admission	% Qualified Applications Not Offered Admission
2010	24	3,048	7,252	3,139	56.7%
2011	26	3,865	6,367	3,696	42.0%
2012	26	4,252	5,644	4,032	28.6%
2013	24	3,755	5,227	3,918	25.0%
2014	25	3,208	5,136	3,546	31.0%
2015	26	3,659	5,207	3,859	25.9%
2016	26	3,853	6,670	4,290	35.7%
2017	27	3,670	6,916	3,888	43.8%
2018	27	3,673	7,683	3,846	49.9%
2019	27	3,982	9,675	4,470	53.8%

Proportion of Pre-Licensure RN Graduates in the Gulf Coast by Race/Ethnicity, 2010-2019

Year	Other	Hispanic/Latino	Black/African American	White/Caucasian
2010	15.4%	17.1%	22.5%	45.0%
2011	14.7%	17.5%	21.4%	46.4%
2012	11.6%	17.6%	22.3%	48.6%
2013	13.9%	16.4%	23.2%	46.5%
2014	12.5%	17.4%	24.3%	45.8%
2015	12.9%	19.9%	21.7%	45.4%
2016	13.5%	21.7%	19.9%	44.9%
2017	13.7%	23.1%	20.8%	42.3%
2018	15.9%	22.8%	20.0%	41.3%
2019	14.3%	26.3%	20.6%	38.8%
2019 Gulf Coast Population	0.5%	39.5%	19.0%	41.0%

Newly Admitted Students, Enrollment, and Graduates in the Gulf Coast, 2010-2019

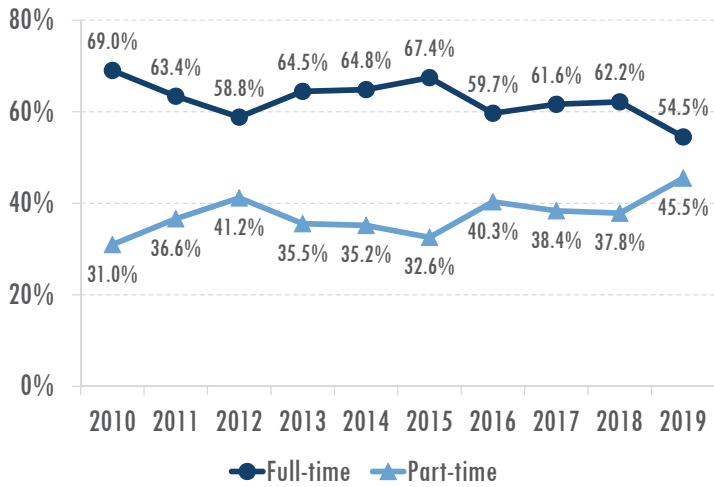| Year	Newly Admitted Students	Total Enrollment	Total Graduates
2010	2,656	4,722	1,942
2011	3,197	4,914	1,993
2012	3,459	5,084	2,141
2013	3,251	5,078	2,324
2014	2,869	4,596	2,705
2015	3,228	4,521	2,261
2016	3,462	5,229	2,306
2017	3,234	4,421	2,459
2018	3,303	4,527	2,399
2019	3,605	5,281	2,625

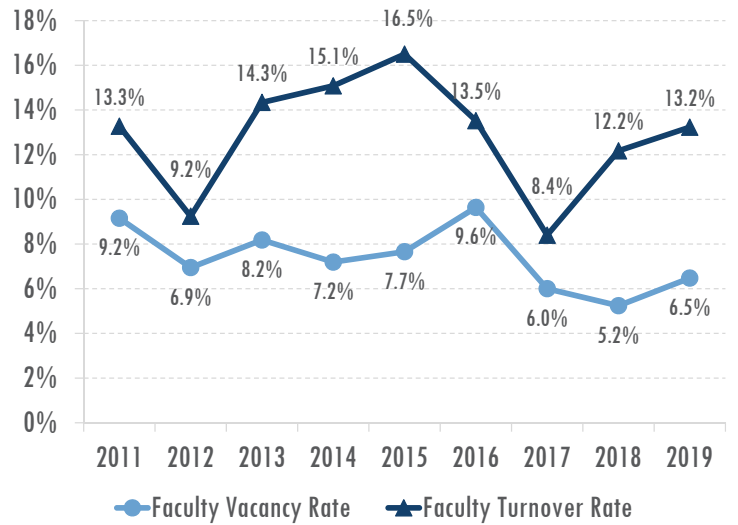**Newly admitted students and enrollees have been increasing in the Gulf Coast since 2017.**

[3] Per the survey operational definition, seats for new students refers to the maximum number of seats for new students that a program can enroll in any given admission period. Seats for new students may be limited by Board of Nursing rules or logistical concerns (faculty size, classroom space, etc.).
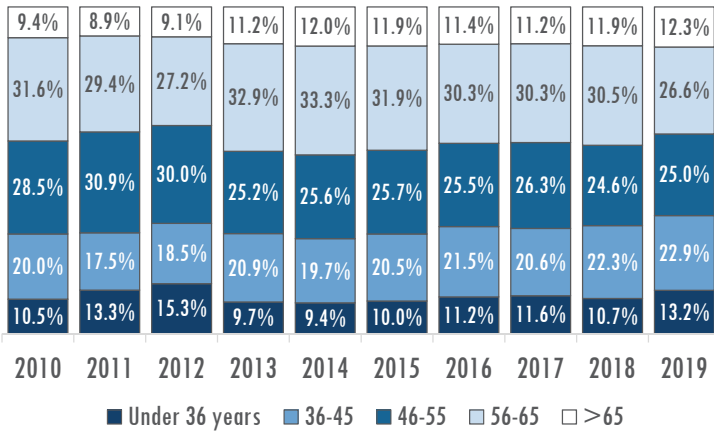
Professional Nursing Education Faculty

Proportion of Full- and Part-Time Pre-Licensure RN Faculty in the Gulf Coast, 2010-2019

Full-time:
- 2010: 69.0%
- 2011: 63.4%
- 2012: 58.8%
- 2013: 64.5%
- 2014: 64.8%
- 2015: 67.4%
- 2016: 59.7%
- 2017: 61.6%
- 2018: 62.2%
- 2019: 54.5%

Part-time:
- 2010: 31.0%
- 2011: 36.6%
- 2012: 41.2%
- 2013: 35.5%
- 2014: 35.2%
- 2015: 32.6%
- 2016: 40.3%
- 2017: 38.4%
- 2018: 37.8%
- 2019: 45.5%

Legend: Full-time, Part-time

Pre-Licensure RN Faculty Vacancy[4] and Turnover[5] Rates in the Gulf Coast, 2011-2019

Faculty Turnover Rate:
- 2011: 13.3%
- 2012: 9.2%
- 2013: 14.3%
- 2014: 15.1%
- 2015: 16.5%
- 2016: 13.5%
- 2017: 8.4%
- 2018: 12.2%
- 2019: 13.2%

Faculty Vacancy Rate:
- 2011: 9.2%
- 2012: 6.9%
- 2013: 8.2%
- 2014: 7.2%
- 2015: 7.7%
- 2016: 9.6%
- 2017: 6.0%
- 2018: 5.2%
- 2019: 6.5%

Legend: Faculty Vacancy Rate, Faculty Turnover Rate

Proportion of Pre-Licensure RN Faculty in the Gulf Coast by Age, 2010-2019

Age group	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
>65	9.4%	8.9%	9.1%	11.2%	12.0%	11.9%	11.4%	11.2%	11.9%	12.3%
56-65	31.6%	29.4%	27.2%	32.9%	33.3%	31.9%	30.3%	30.3%	30.5%	26.6%
46-55	28.5%	30.9%	30.0%	25.2%	25.6%	25.7%	25.5%	26.3%	24.6%	25.0%
36-45	20.0%	17.5%	18.5%	20.9%	19.7%	20.5%	21.5%	20.6%	22.3%	22.9%
Under 36 years	10.5%	13.3%	15.3%	9.7%	9.4%	10.0%	11.2%	11.6%	10.7%	13.2%

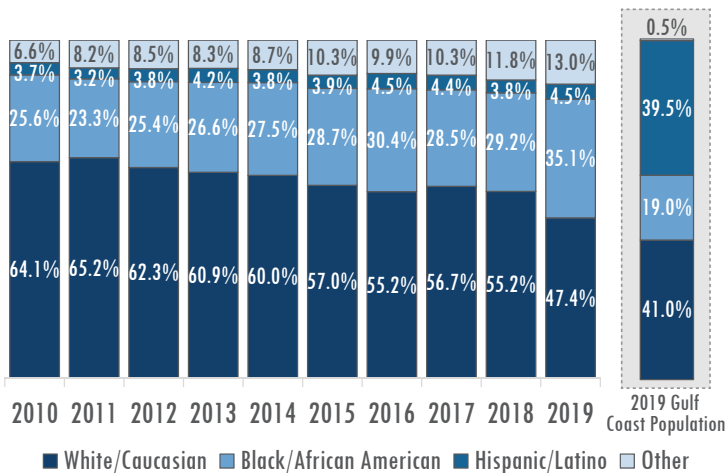Legend: Under 36 years, 36-45, 46-55, 56-65, >65

In 2019, 38.9% of pre-licensure RN faculty in the Gulf Coast were currently eligible or would be eligble for retirement in 6 years.[6]

Proportion of Pre-Licensure RN Faculty in the Gulf Coast by Race/Ethnicity, 2010-2019

Race/Ethnicity	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2019 Gulf Coast Population
Other	6.6%	8.2%	8.5%	8.3%	8.7%	10.3%	9.9%	10.3%	11.8%	13.0%	0.5%
Hispanic/Latino	3.7%	3.2%	3.8%	4.2%	3.8%	3.9%	4.5%	4.4%	3.8%	4.5%	39.5%
Black/African American	25.6%	23.3%	25.4%	26.6%	27.5%	28.7%	30.4%	28.5%	29.2%	35.1%	19.0%
White/Caucasian	64.1%	65.2%	62.3%	60.9%	60.0%	57.0%	55.2%	56.7%	55.2%	47.4%	41.0%

Legend: White/Caucasian, Black/African American, Hispanic/Latino, Other

Proportion of Pre-Licensure RN Faculty in the Gulf Coast by Highest Degree, 2010-2019[7]

Degree	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Other	0.0%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%
Doctorate	22.4%	24.2%	25.0%	31.7%	29.4%	28.9%	28.6%	30.9%	30.4%	30.0%
Master's Degree	76.1%	74.3%	74.2%	68.1%	70.2%	71.0%	70.7%	67.8%	68.2%	69.5%
Bachelor's in Nursing	1.5%	1.0%	0.8%	0.2%	0.3%	0.2%	0.6%	1.3%	1.1%	0.5%

Legend: Bachelor's in Nursing, Master's Degree, Doctorate, Other

Employers of RNs

RN Position Vacancy Rates in the Gulf Coast by Employment Setting, 2010-2019[8]

	Hospitals	Long-Term Care Facilities	Home Health and Hospice	Texas Governmental Public Health
2010	4.9%	-	-	-
2011	-	-	20.5%	-
2012	7.1%	-	-	-
2013	-	-	21.0%	10.3%
2014	7.5%	12.4%	-	-
2015	-	-	8.0%	5.4%
2016	11.5%	12.9%	-	-
2017	3.9%	16.8%	12.4%	11.5%
2018	-	-	-	-
2019	9.2%	12.8%	-	10.6%

RN Median Turnover Rates in the Gulf Coast by Employment Setting, 2010-2019[8]

	Hospitals	Long-Term Care Facilities	Home Health and Hospice	Texas Governmental Public Health
2010	16.4%	-	-	-
2011	-	-	0.0%	-
2012	17.6%	-	-	-
2013	-	-	0.0%	3.1%
2014	18.1%	57.1%	-	-
2015	-	-	0.0%	17.4%
2016	21.9%	75.0%	-	-
2017	23.3%	50.0%	21.6%	8.8%
2018	-	-	-	-
2019	17.5%	50.0%	-	18.2%

RN Supply & Demand Projections

Gulf Coast RN FTE Supply and Demand, 2018-2032
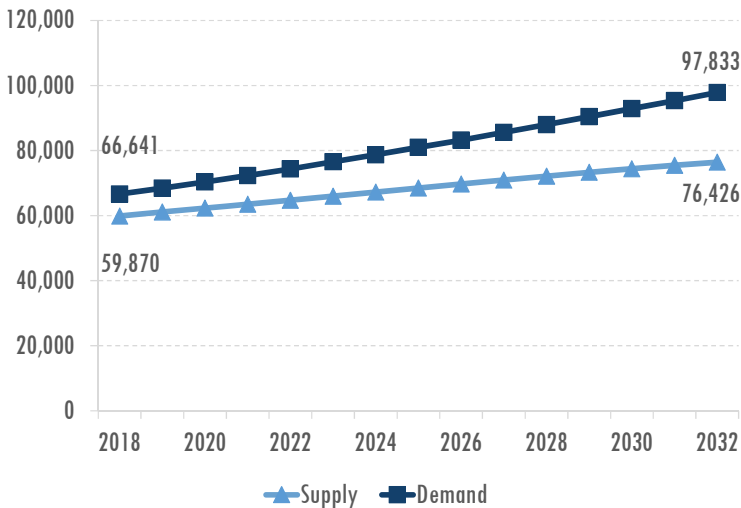
Supply of RNs in the Gulf Coast is projected to grow by 27.7% between 2018 and 2032, while demand grows by 46.8%.

Further Information

- For more information on RN demographics:
  http://healthdata.dshs.texas.gov/dashboard/healthcare-workforce/registered-nurses

- For more information on nursing education:
  http://healthdata.dshs.texas.gov/dashboard/healthcare-workforce/nursing-education

- For more information on nurse supply and demand:
  http://healthdata.dshs.texas.gov/dashboard/healthcare-workforce/workforce-supply-and-demand-projections

[8] Before 2017, The Texas Center for Nursing Workforce Studies administered the Home Health and Hospice (HHHCNSS) and Texas Governmental Public Health employer surveys on odd years and Hospital and Long-Term Care employer surveys on even years. All 4 employer surveys will now be administered on odd years. In 2019 the response rate on the HHHCNSS was too low to report findings.