

Registered Nurses in New York: What We Know

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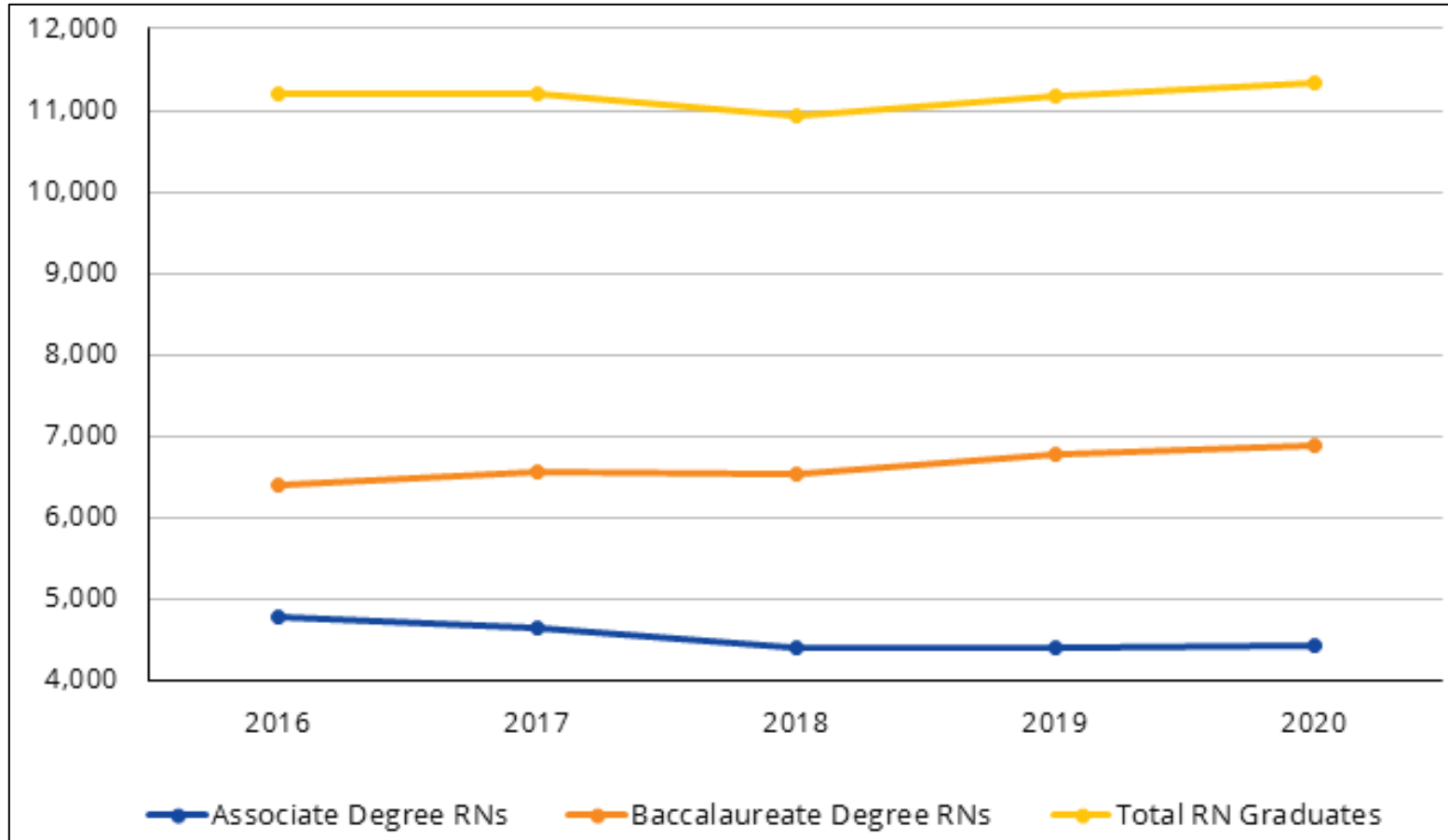


Center for Health Workforce Studies

- An academic research center established in 1996 and based at the School of Public Health at UAlbany
- **Mission:** To provide timely, accurate information and conduct policy-relevant research about the health workforce
- **Goal:** To provide data and information that can assist in decision making on health workforce programs and policies
- **Funding** from a variety of sources including federal and state government, foundations, providers and their associations, labor unions

Production of RNs in New York Has Been Relatively Stable

Annual Number of Graduates from RN Education Programs in NYS by Degree Type, 2016-2020



Source: National Center for Education Statistics, Integrated Postsecondary Education Data System

Regional Variation in RN Graduations With Declines in the Finger Lakes and NYC Regions

Number of RN Graduations in New York State by DOL Region, 2016-2020

DOL Region	2016	2017	2018	2019	2020	% Change 2016-20
Capital District	632	634	590	569	641	1.4%
Central NY	553	659	538	584	670	21.2%
Finger Lakes	1,374	1,239	1,283	1,211	1,212	-11.8%
Hudson Valley	1,004	1,093	1,192	1,157	1,027	2.3%
Long Island	1,568	1,508	1,492	1,796	1,924	22.7%
Mohawk Valley	446	519	546	599	595	33.4%
New York City	3,838	3,785	3,431	3,566	3,418	-10.9%
North Country	289	327	355	329	333	15.1%
Southern Tier	564	625	651	654	621	10.1%
Western NY	1,192	1,130	1,143	1,235	1,197	0.4%
Statewide	11,460	11,519	11,221	11,700	11,638	1.6%

Source: National Center for Education Statistics, Integrated Postsecondary Education Data System

Between 2017 and 2021, the Number of Licensed RNs in NY Grew by 17%

Number of RNs Licensed in New York State by DOL Region, 2017 – 2021

DOL Region ¹	2017	2018	2019	2020	2021	% Change 2017-21
Capital District	17,036	17,341	17,511	17,898	18,331	7.6%
Central NY	12,217	12,428	12,581	12,788	13,175	7.8%
Finger Lakes	17,946	18,317	18,565	18,932	19,563	9.0%
Hudson Valley	33,832	34,408	34,669	35,119	36,398	7.6%
Long Island	44,696	45,719	46,157	48,153	50,085	12.1%
Mohawk Valley	7,083	7,186	7,213	7,236	7,456	5.3%
New York City	68,113	69,306	70,942	72,103	73,956	8.6%
North Country	5,452	5,491	5,502	5,570	5,725	5.0%
Southern Tier	8,148	8,201	8,188	8,229	8,436	3.5%
Western NY	20,569	19,992	21,088	21,312	21,963	6.8%
Licensees with NY address	235,092	238,389	242,416	247,340	255,088	8.5%
Licensees with address outside NY	60,710	64,171	66,825	80,864	90,124	48.5%
Statewide	295,802	302,560	309,241	328,204	345,212	16.7%
NPs	23,936	25,168	26,952	29,843	32,750	36.8%

Source: New York State Education Department Licensure Data

¹ Region is based on the address provided in the licensure file. Address may represent home or work address.

60% of Licensed RNs in NY Actively Practice in the State

Number and Median Age of Active RNs in New York State by DOL Region and per 100,000 Total Population, 2015-2019

DOL Region	Active RNs	Active RNs per 100,000 population	Median Age
Capital District	11,177	1,034	47
Central NY	9,179	1,188	45
Finger Lakes	13,581	1,131	44
Hudson Valley	21,435	922	49
Long Island	30,100	1,062	46
Mohawk Valley	5,751	1,190	45
New York City	81,621	979	44
North Country	3,836	923	41
Southern Tier	6,454	1,026	47
Western NY	15,358	1,115	46
Statewide	198,492	1,020	45

Source: American Community Survey, 5-year Estimates, 2015-2019

Statewide, There Were 2,385 Hospital RNs Per 1,000 Hospital Beds

Number and Median Age of Active RNs Who Worked in NY Hospitals by DOL Region and per 1,000 Hospital Beds, 2015-2019

DOL Region	Active RNs working in Hospitals	Active Hospital RNs per 1,000 Hospital Beds	Median Age
Capital District	6,772	2,260	44
Central NY	5,448	2,412	41
Finger Lakes	8,216	2,806	39
Hudson Valley	13,034	2,064	47
Long Island	19,283	2,659	43
Mohawk Valley	3,156	2,657	43
New York City	57,278	2,363	42
North Country	2,477	2,158	41
Southern Tier	3,914	2,437	44
Western NY	8,579	2,263	44
Statewide	128,157	2,385	43

Source: American Community Survey, 5-year Estimates, 2015-2019; New York State Department of Health, New York State Health Profiles

Hospitals and Nursing Homes Reported the Most Difficulty Recruiting RNs in 2021

Ranking of Recruitment Difficulties for RNs Reported by NY Providers, 2012–2021

Year	Hospitals	Nursing Homes	Home Health Care	Health Centers
2012	6th*	1st*	3rd*	6th
2013	7th*	1st*	6th*	NR
2014	5th*	1st*	5th*	NR
2016	3rd*	1st*, 5th**	4th*, 10th**	9th
2017	4th*	1st*, 5th**	3rd	9th
2019	NR	2nd*, 6th**	1st	NR
2021	2nd	2nd	NR	NR

Source: CHWS

Key: * Experienced RNs ** Newly Trained RNs NR = Not Ranked in Top Ten

Hospitals, Nursing Homes & Health Centers Reported the Most Difficulty Retaining RNs in 2021

Ranking of Retention Difficulties for Registered Nurses Reported by NY Providers, 2012–2021

Year	Hospitals	Nursing Homes	Home Health Care	Health Centers
2012	9th*	2nd*, 3rd**	4th*, 7th**	6th
2013	N/R	3rd*, 2nd**	1st*	2nd
2014	7th*, 6th**	4th*, 5th**	1st*, 7th**	10th
2016	2nd*, 1st**	2nd*	5th*, 7th**	NR
2017	5th*, 3rd**	3rd*, 2nd**	3rd	NR
2019	6th	5th*, 1st**	4th	NR
2021	2nd	1st**	NR	2nd

Source: CHWS

Key: * Experienced RNs ** Newly Trained RNs NR = Not Ranked in Top Ten

Growing Demand for RNs Projected for the Future

Ten-year Employment Projections for RNs by DOL Region, 2018-2028

DOL Region	Employment			Average Annual Openings
	2018	2028	Net Change	
Capital District	13,750	17,020	3,270	1,148
Central NY	7,380	9,130	1,750	616
Finger Lakes	14,080	17,430	3,350	1,176
Hudson Valley	22,120	27,830	5,710	1,906
Long Island	33,050	40,170	7,120	2,668
Mohawk Valley	5,180	6,170	990	402
New York City	78,470	97,570	19,100	6,610
North Country	3,930	4,440	510	274
Southern Tier	6,560	7,520	960	472
Western NY	14,690	17,490	2,800	1,139
Statewide	199,870	249,100	49,230	16,910

Source: New York State Department of Labor, Long-term Occupational Employment Projections, 2018 - 2028

Looking Ahead

Continued monitoring of the state's RN workforce

- Educational pipeline
 - Annual Deans and Directors surveys
- Supply and distribution
 - RN re-registration survey
- Demand
 - Recruitment and retention surveys

Questions?

- For more information, please email me at jmoore@albany.edu
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