

South Dakota's Nursing Education Report and Workforce Update

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Est. 1917
South Dakota
Board of Nursing
SDBON

SOUTH DAKOTA
Center for Nursing Workforce

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Practical Nurse
Education Programs

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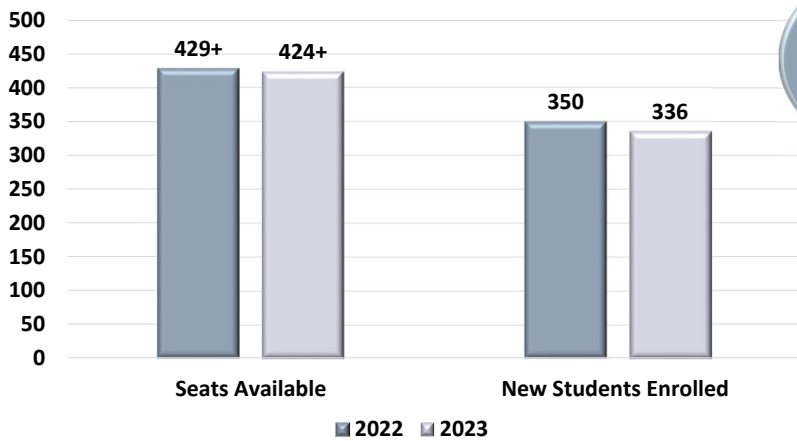
Approved PN Programs May 2024

- Lake Area Technical College (LATC)
- Mitchell Technical College (MTC)
- Sinte Gleska University (SGU)
- Sisseton Wahpeton College (SWC)
- Southeast Technical College (STC)
- Western Dakota Technical College (WDTC)

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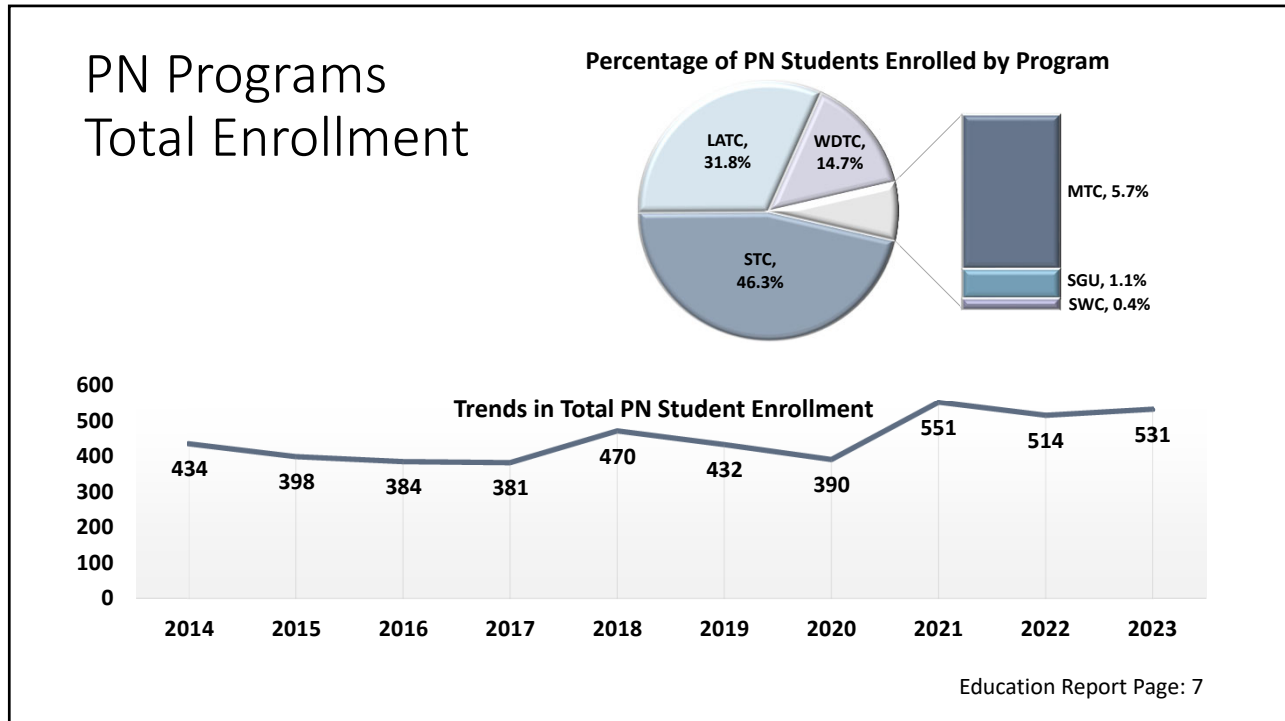
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PN Programs Total Capacity

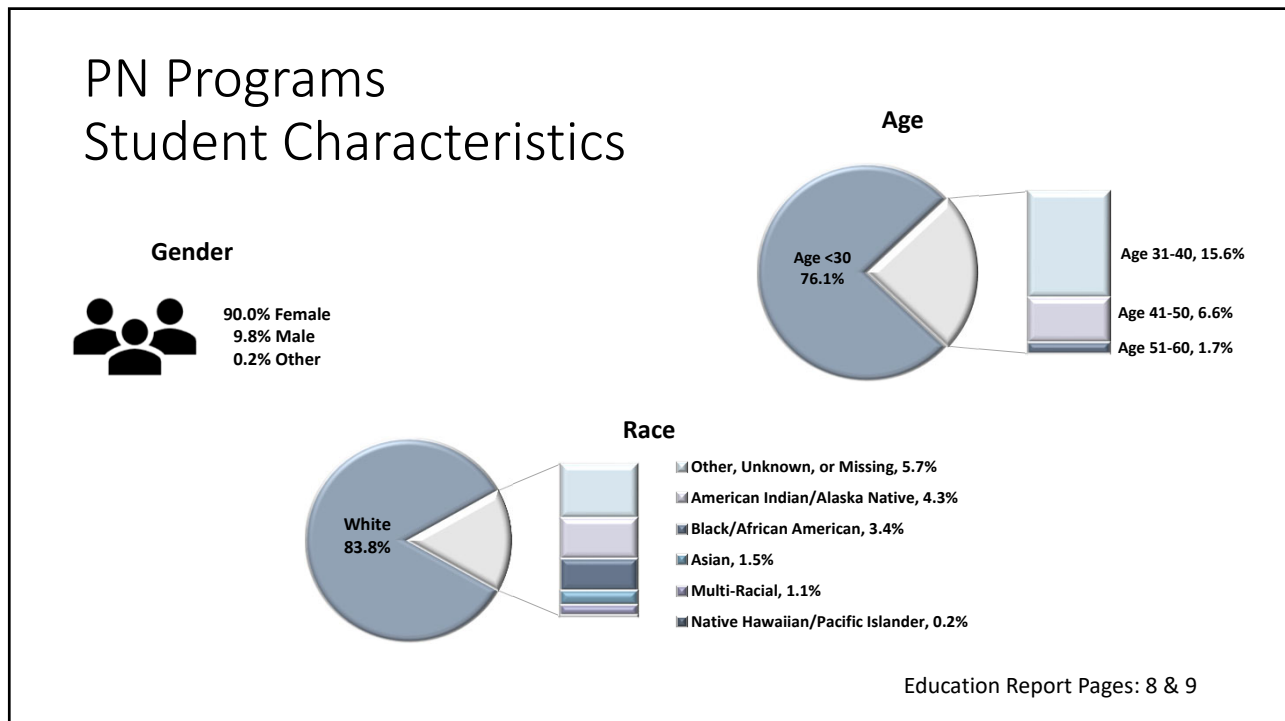


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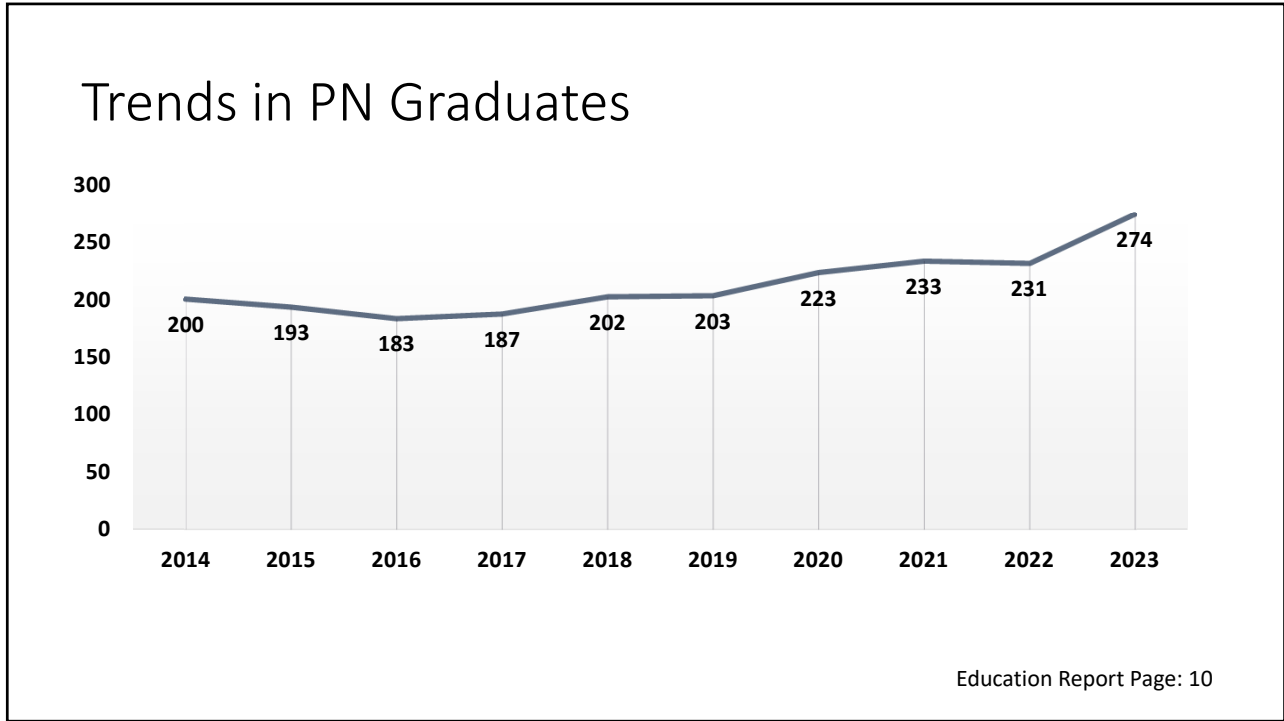
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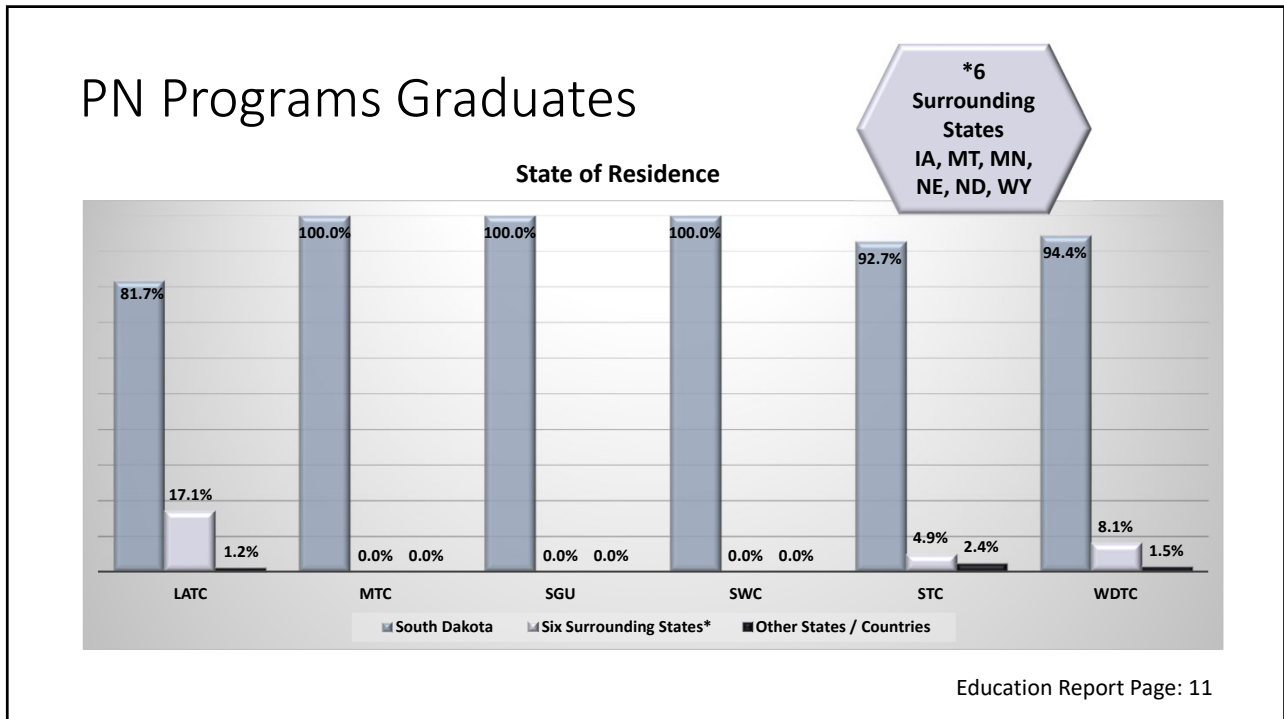
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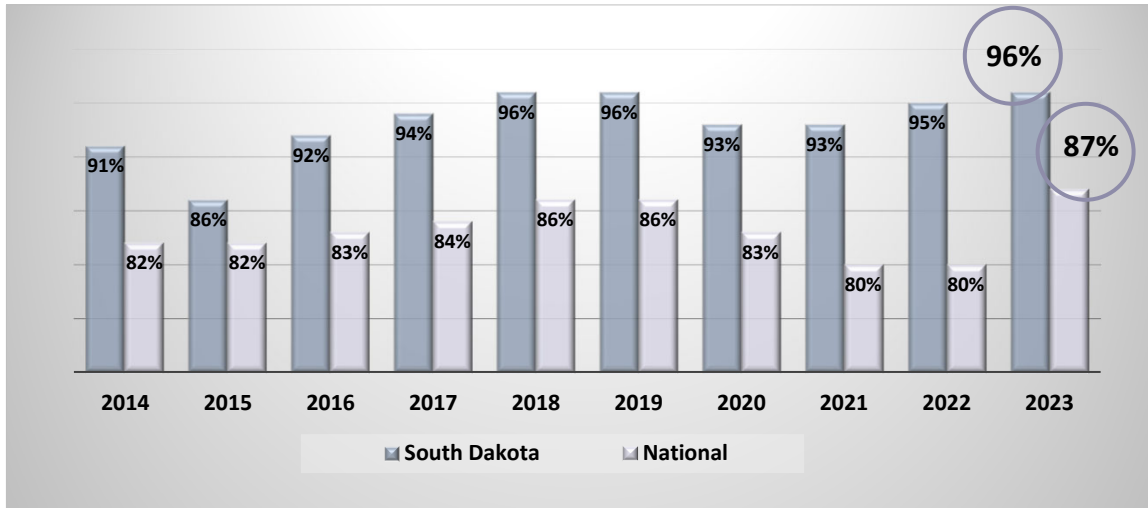


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South Dakota NCLEX-PN Results



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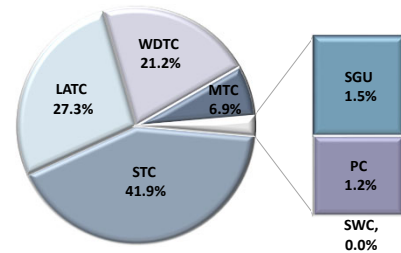
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PN Programs Graduates

Graduates Licensed as LPNs in South Dakota

Practical Nurse Program	Graduates Produced	Graduates Licensed in SD	% of Program's Graduates Licensed in SD
Lake Area Technical College	79	71 (89.9%)	27.3%
Mitchell Technical College	18	18 (100.0%)	6.9%
Presentation College ¹	No Report	3 (--%)	1.2%
Sinte Gleska University	4	4 (100.0%)	1.5%
Sisseton Wahpeton College	1	0 (0.0%)	0.0%
Southeast Technical College	116	109 (94.0%)	41.9%
Western Dakota Technical College	56	55 (98.2%)	21.2%
Total	274	260 (94.9%)	100.0%

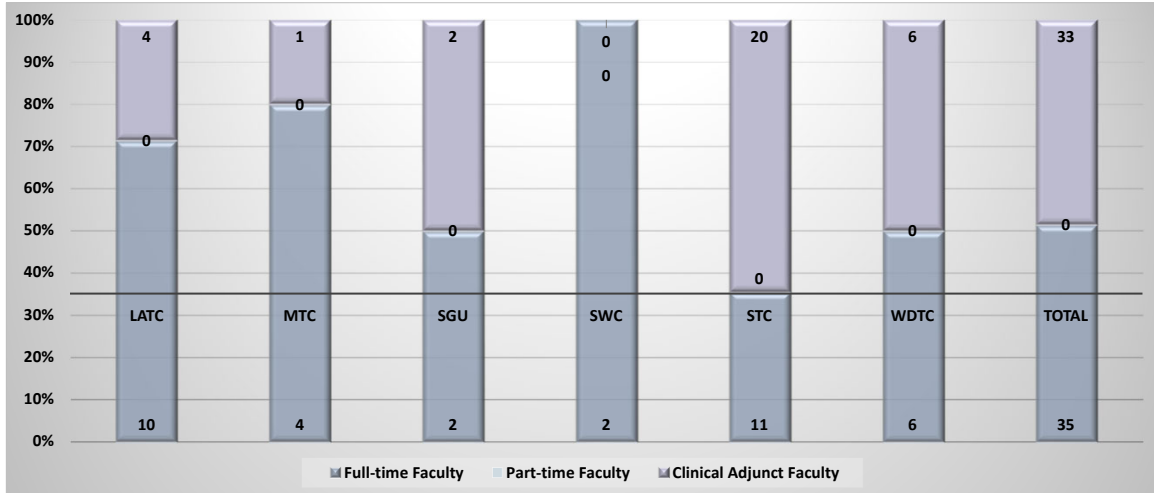
Percentage of PN Program's Graduates Licensed in SD of Total Licensed in SD



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PN Program Faculty



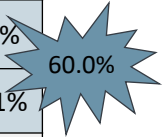
Education Report Pages: 14

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PN Program Faculty

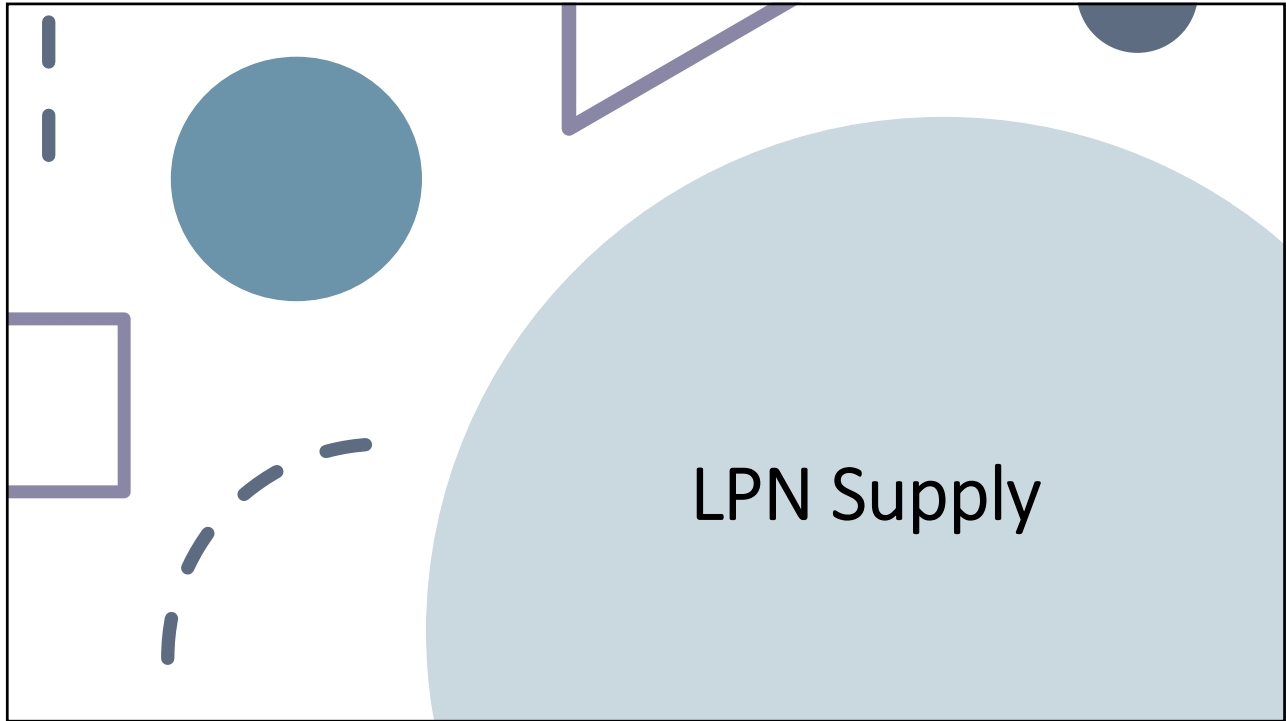
PN Faculty Age and Academic Preparation

Practical Nurse Programs	≤ 30	31-40	41-50	51-60	61+	Total	%
Doctor of Nursing Practice	0	0	1	0	0	1	2.9%
Master's in Nursing	4	6	4	4	2	20	57.1%
Bachelor's in Nursing	3	5	2	3	1	14	40.0%
Total:	7	11	7	7	3	35	100.0%
Percent	20.0%	31.4%	20.0%	20.0%	8.6%	100.0%	

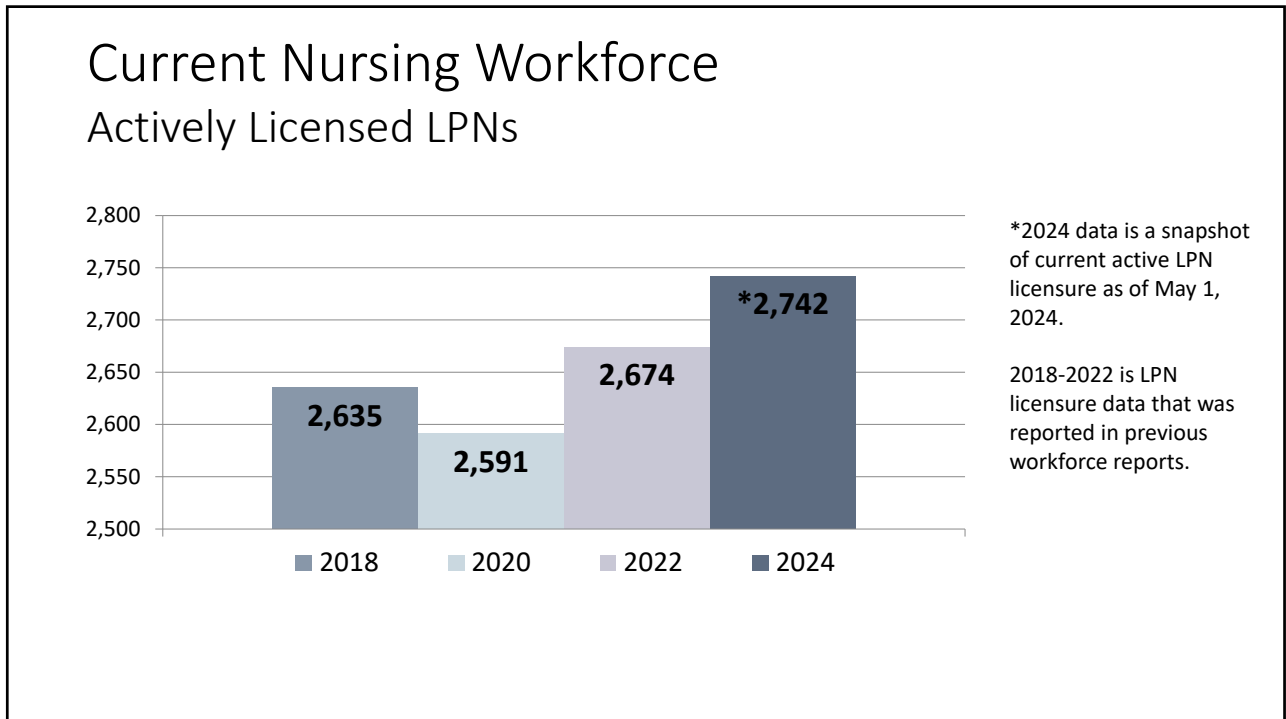


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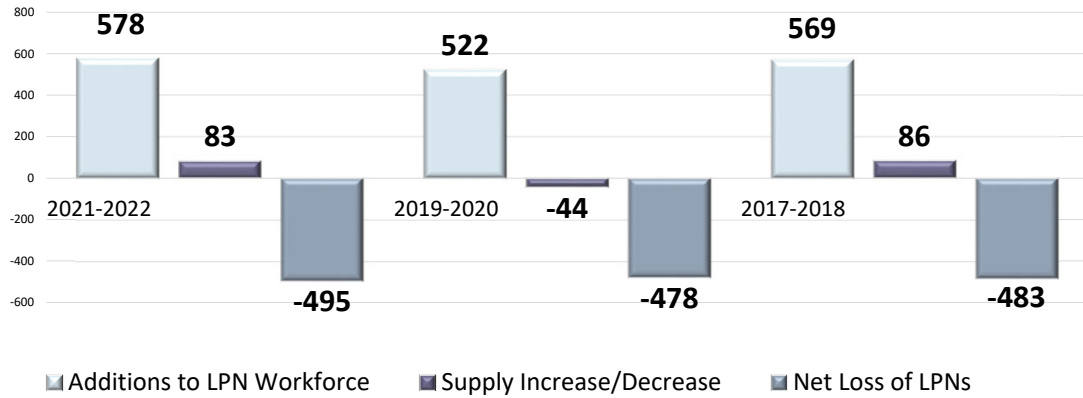


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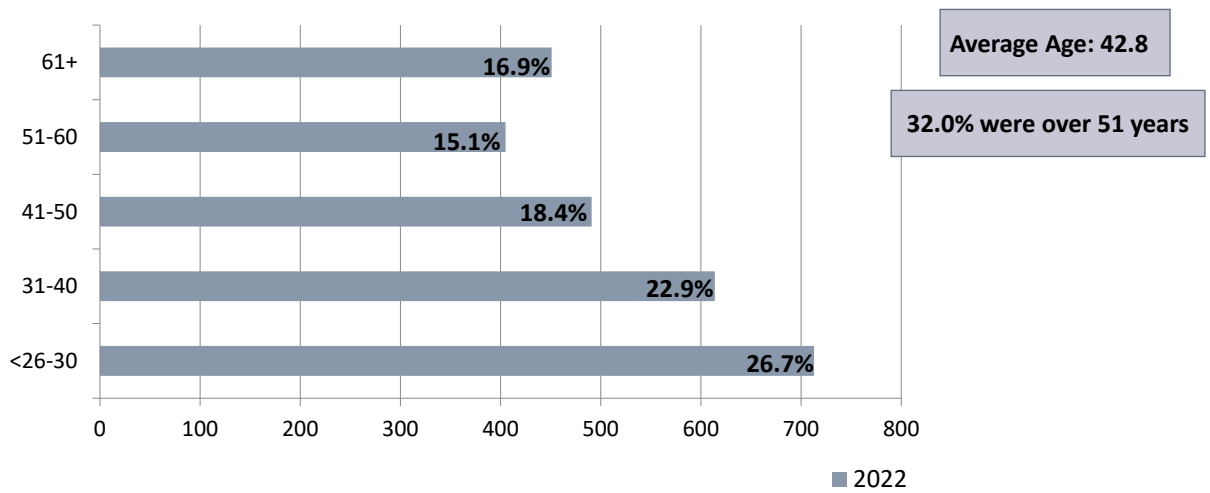
LPN Workforce Gains and Losses



2023 Workforce Report Page: 6

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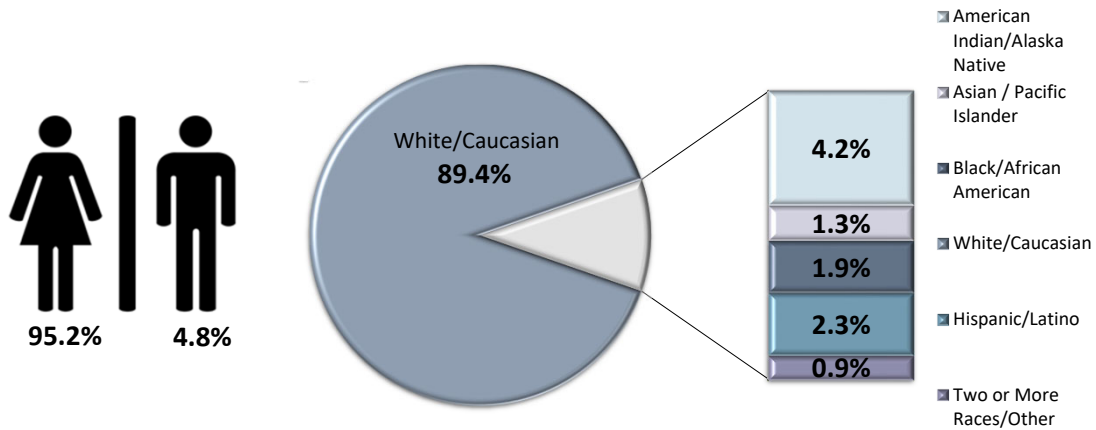
LPN Age



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LPN Characteristics



2023 Workforce Report Pages: 6-7

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US Bureau of Labor Statistics LPN Employment Projections 2022-2032

- ▶ Employment of licensed practical and licensed vocational nurses is projected to grow 5% from 2022 to 2032, faster than the average for all occupations.
- ▶ About 54,400 openings for licensed practical and licensed vocational nurses are projected each year, on average, over this decade.

▶ Bureau of Labor Statistics, U.S. Department of Labor, *Occupational Outlook Handbook*, Licensed Practical and Licensed Vocational Nurses, at <https://www.bls.gov/ooh/healthcare/licensed-practical-and-licensed-vocational-nurses.htm> (visited May 1, 2024).

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Health Resources & Services Administration (HRSA): LPN Projected Demand

- ▶ The demand for LPNs is projected to grow faster than supply between 2021-2036.
- ▶ Projected shortage of 99,070 LPN FTEs in 2036 (12% shortage).
 - ▶ Health Resources & Services Administration (HRSA), March 2024.

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SD Department of Labor LPN Employment Projections 2020-2030

- ▶ Demand expected to grow 7.2%
- ▶ 175 new jobs/annual openings from 2020 – 2030
 - ▶ Source: Labor Market Information Center (LMIC), South Dakota Department of Labor and Regulation.

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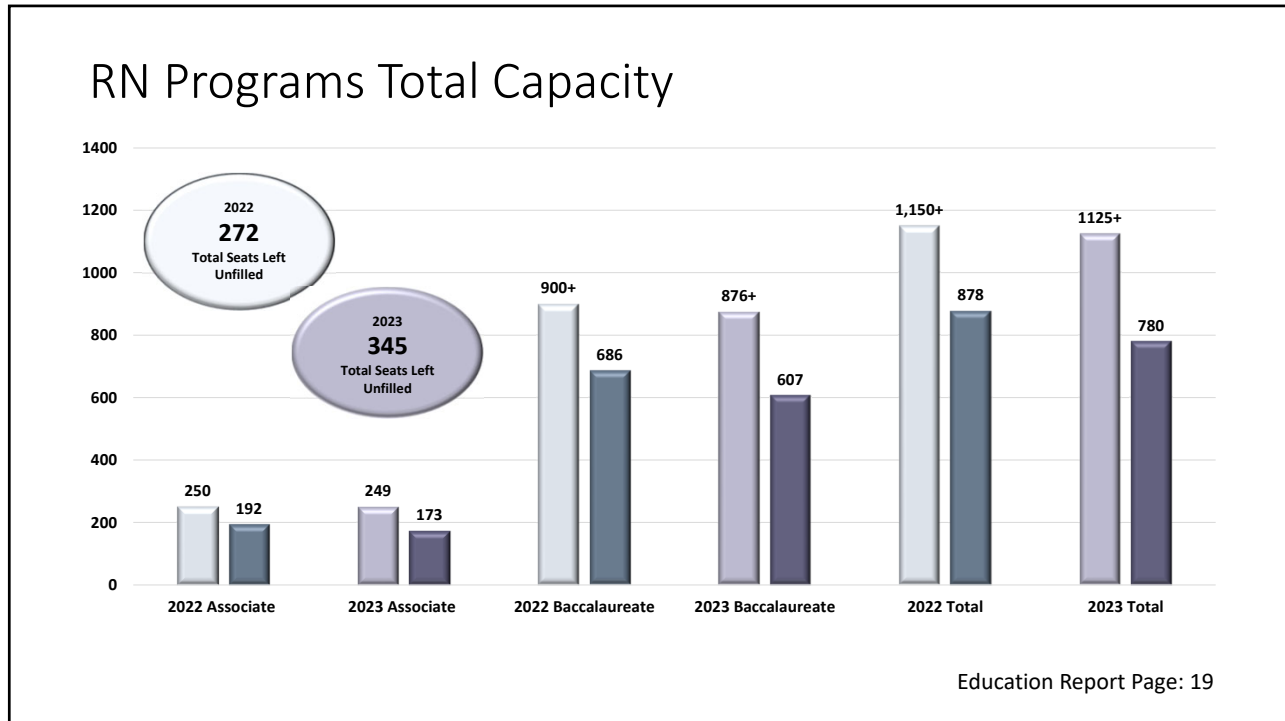
Approved RN Programs
May 2024

Associate RN Programs:
 Lake Area Technical College (LATC)
 Dakota Wesleyan University (DWU)
 Mitchell Technical College (MTC)
 Oglala Lakota College (OLC)
 Southeast Technical College (STC)
 Western Dakota Technical College (WDTC)

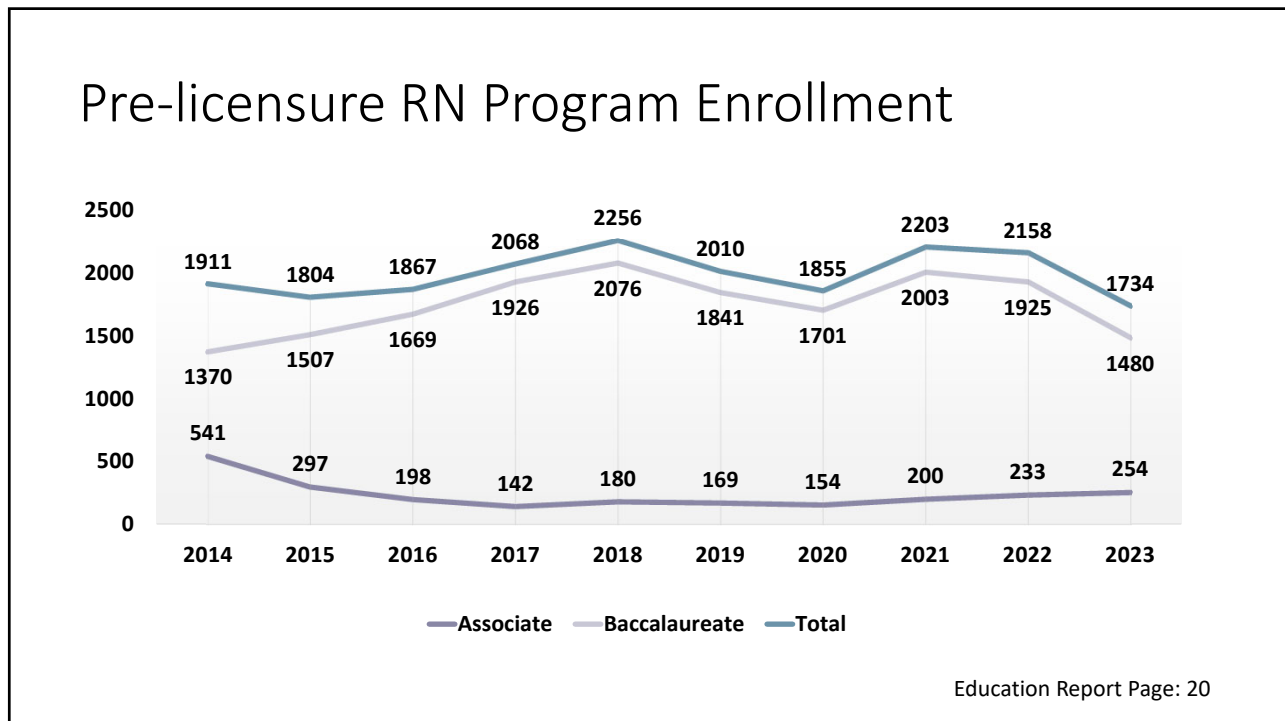
Baccalaureate RN Programs:
 Augustana University (AU)
 Dakota Wesleyan University (DWU)
 Mount Marty University (MMU)
 Northern State University (NSU)
 South Dakota State University (SDSU)
 University of Sioux Falls (USF)
 University of South Dakota (USD)

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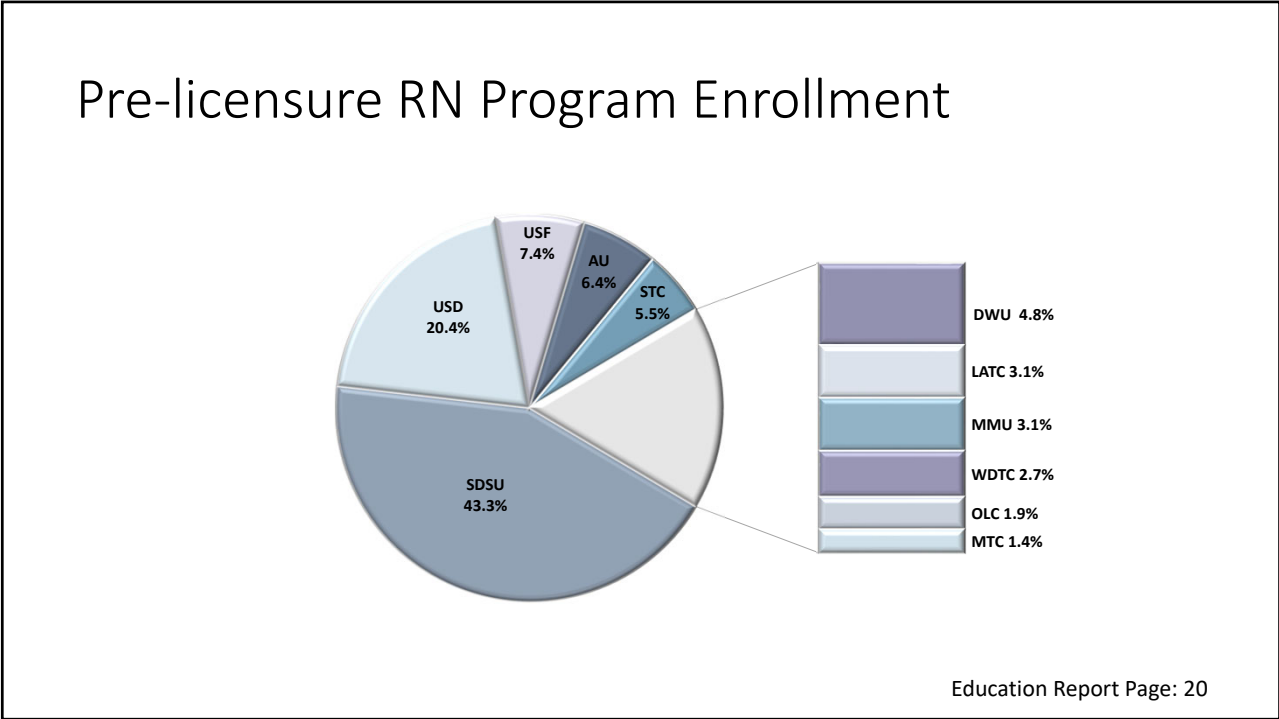
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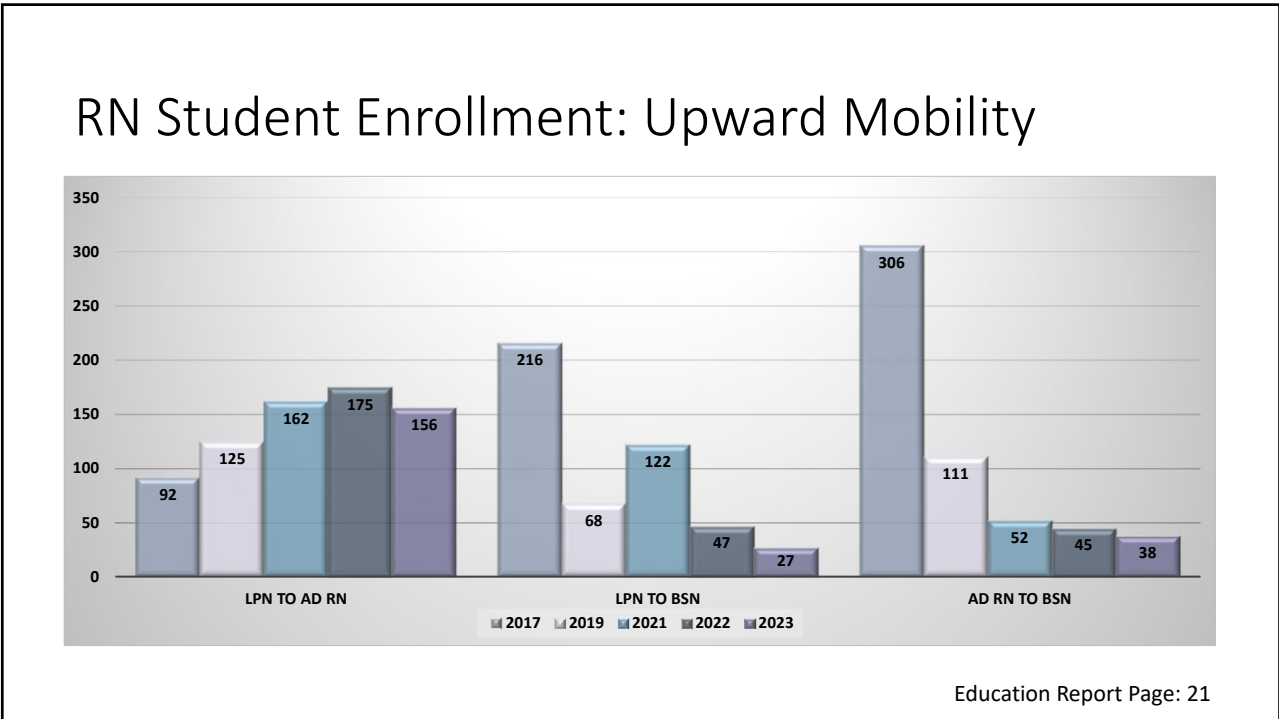
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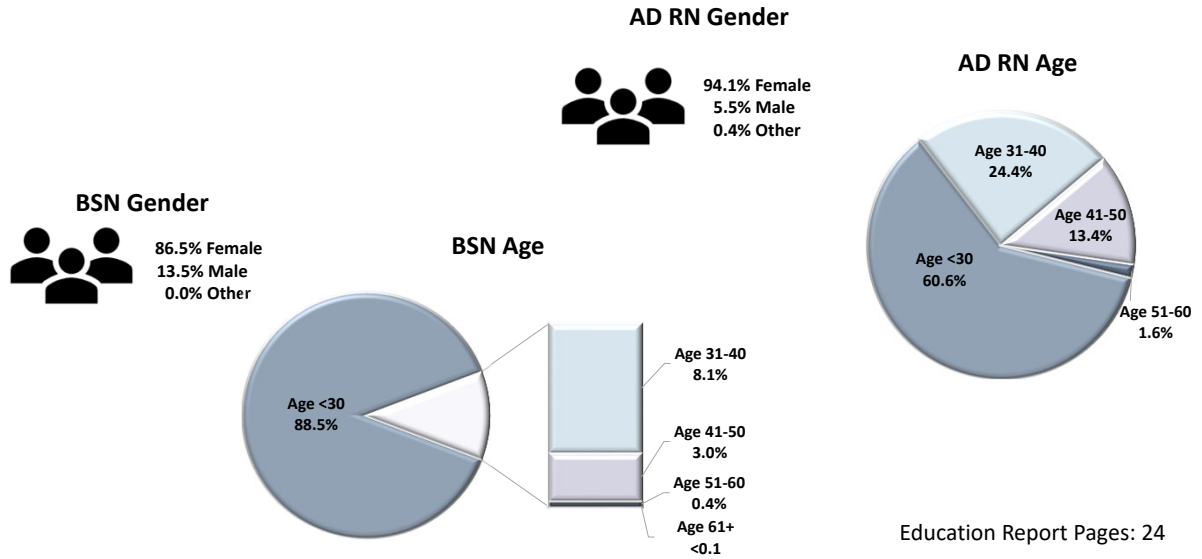


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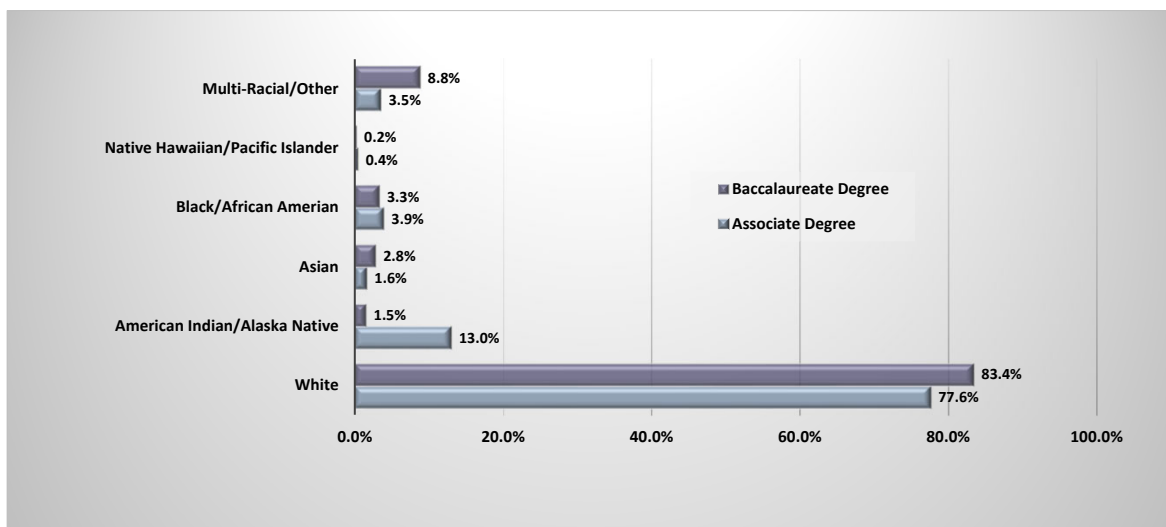
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RN Programs Student Characteristics



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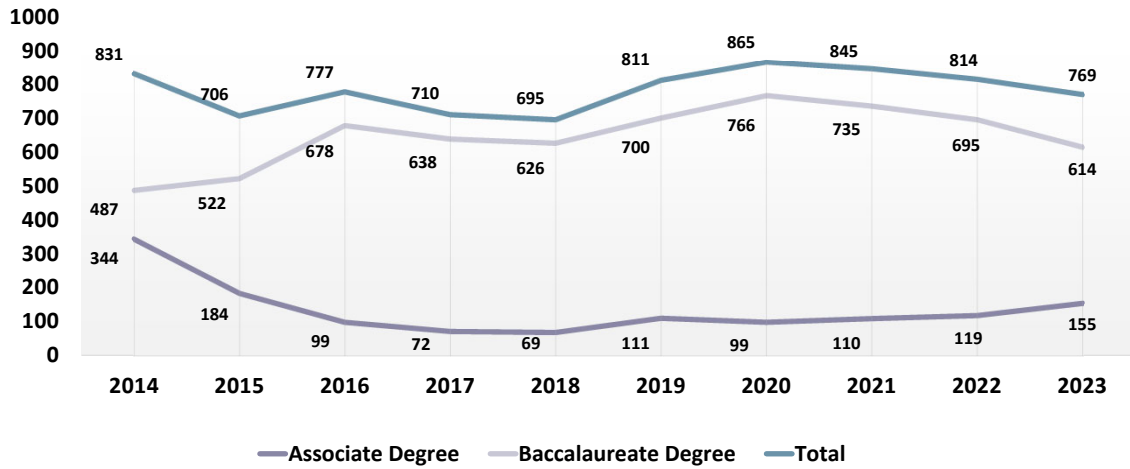
RN Programs Student Race



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Trends in Prelicensure RN Graduates

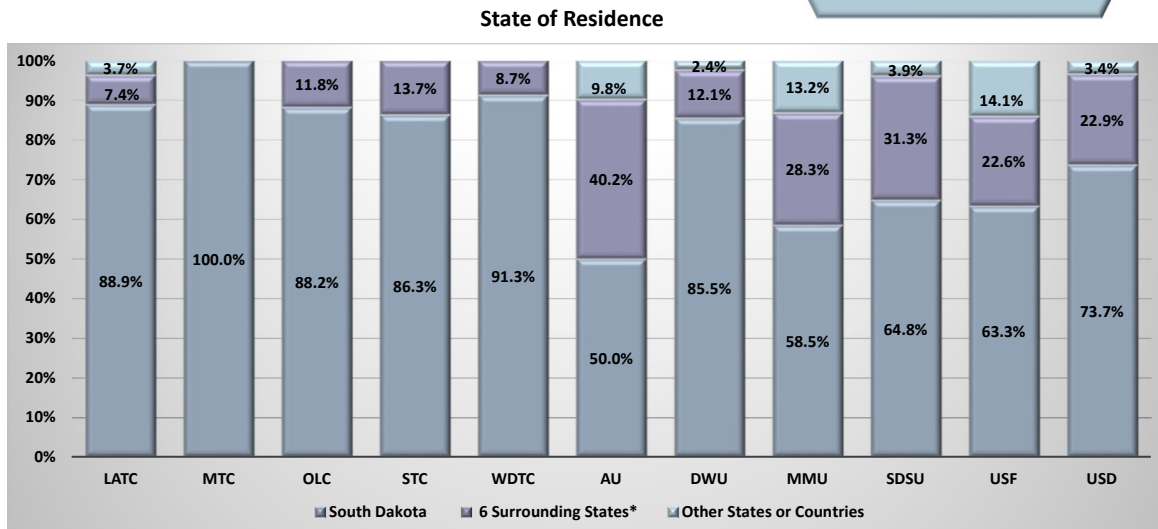


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RN Programs Graduates

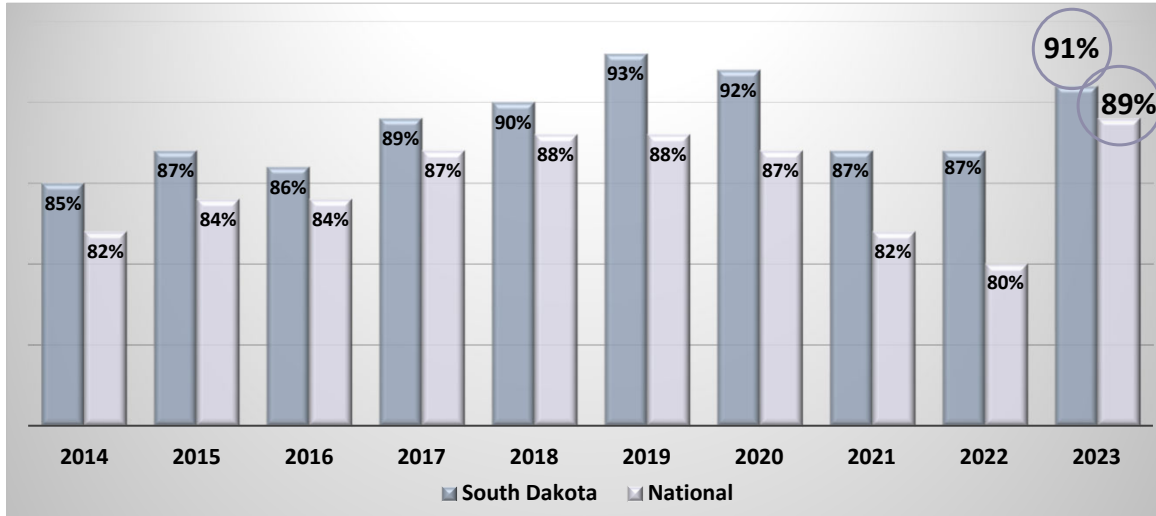
*6 Surrounding States
IA, MT, MN, NE, ND, WY



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South Dakota NCLEX-RN Results



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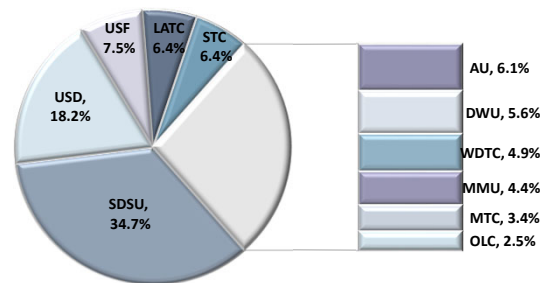
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RN Programs Graduates

Graduates Licensed as RNs in South Dakota

RN Graduates Licensed into SD	Prelicensure Graduates Produced	Total Prelicensure Graduates Licensed in SD	
Associate Degree RN Programs			
Lake Area Technical College	47	39 (83.0%)	6.4%
Mitchell Technical College	21	21 (100.0%)	3.4%
Oglala Lakota College	10	15 (150.0%)	2.5%
Southeast Technical College	46	39 (84.8%)	6.4%
Western Dakota Technical College	31	30 (96.8%)	4.9%
Total:	155	144 (92.9%)	23.6%
Baccalaureate RN Programs			
Augustana University	68	37 (54.4%)	6.1%
Dakota Wesleyan University	36	34 (94.4%)	5.6%
Mount Marty University	27	27 (100.0%)	4.4%
South Dakota State University	280	212 (75.7%)	34.7%
University of Sioux Falls	57	46 (80.7%)	7.5%
University of South Dakota	146	111 (76.0%)	18.2%
Total:	614	467 (76.1%)	76.4%
Associate and Baccalaureate Total:	769	611 (79.5%)	100.0%

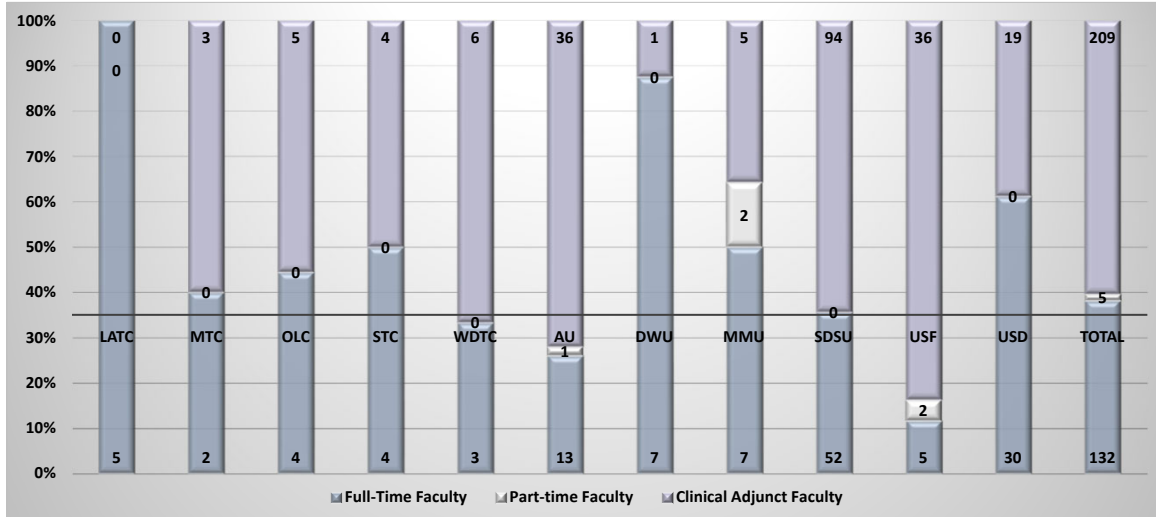
Percentage of RN Program's Graduates Licensed in SD of Total Licensed in SD



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RN Program Faculty



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RN Program Faculty

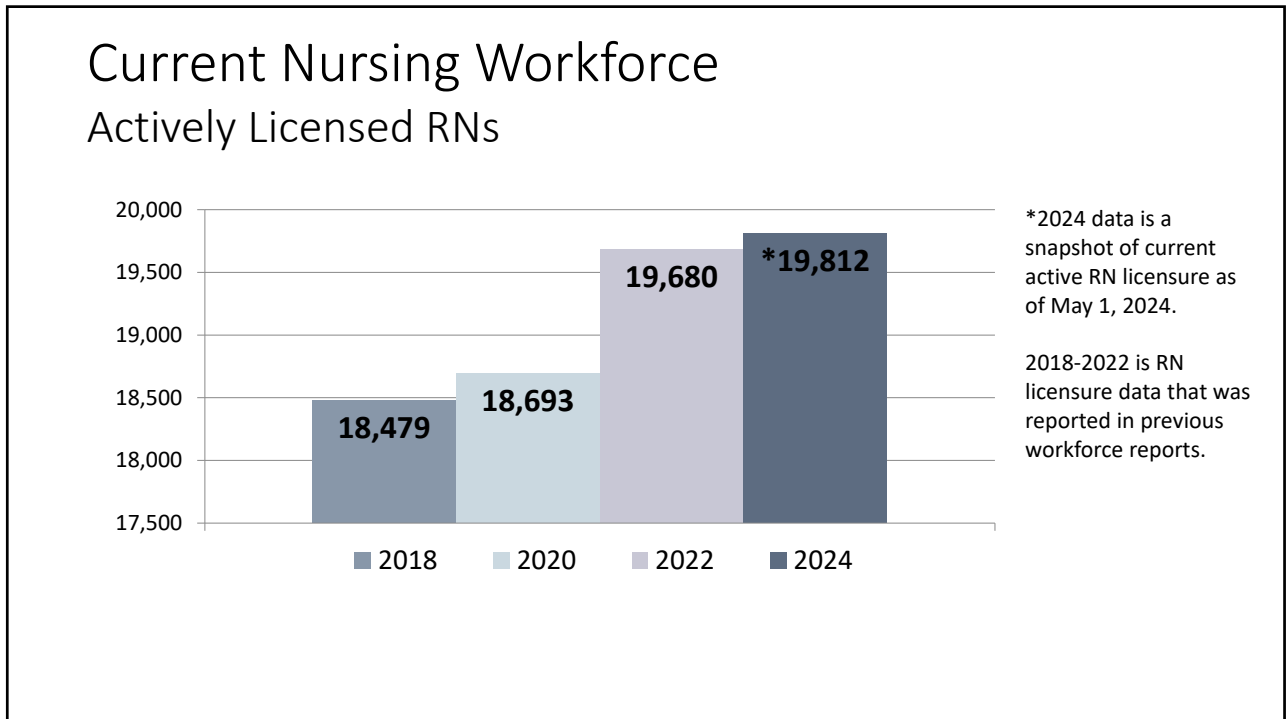
RN Faculty	≤ 30	31-40	41-50	51-60	61-70	71+	Total
Age and Academic Preparation							
Associate Degree RN Programs							
PhD in Nursing	0	0	0	0	0	0	0
Doctor of Nursing Practice	0	1	0	1	0	0	2
Other Nursing Doctorate	0	0	0	0	1	0	1
Non-Nursing Doctorate	0	0	0	0	0	0	0
Master's in Nursing	0	4	7	1	0	0	12
Bachelor's in Nursing	1	0	1	0	1	0	3
Total:	1	5	8	2	2	0	18
Percentage:	5.6%	27.8%	44.4%	11.1%	11.1%	0.0%	100.0%
Baccalaureate RN Programs							
PhD in Nursing	0	4	7	6	5	1	23
Doctor of Nursing Practice	0	2	6	3	3	0	14
Other Nursing Doctorate	0	1	2	1	0	0	4
Non-Nursing Doctorate	0	1	1	2	2	0	6
Master's in Nursing	5	31	19	10	4	0	69
Non-Nursing Master's	0	1	0	0	0	0	1
Bachelor's in Nursing	0	1	0	1	0	0	2
Total:	5	41	35	23	14	1	119
Percentage:	4.2%	34.5%	29.4%	19.3%	11.8%	0.8%	100.0%
Associate and Baccalaureate Total:	6	46	43	25	16	1	137
Percentage:	4.4%	33.6%	31.4%	18.2%	11.7%	0.7%	100.0%

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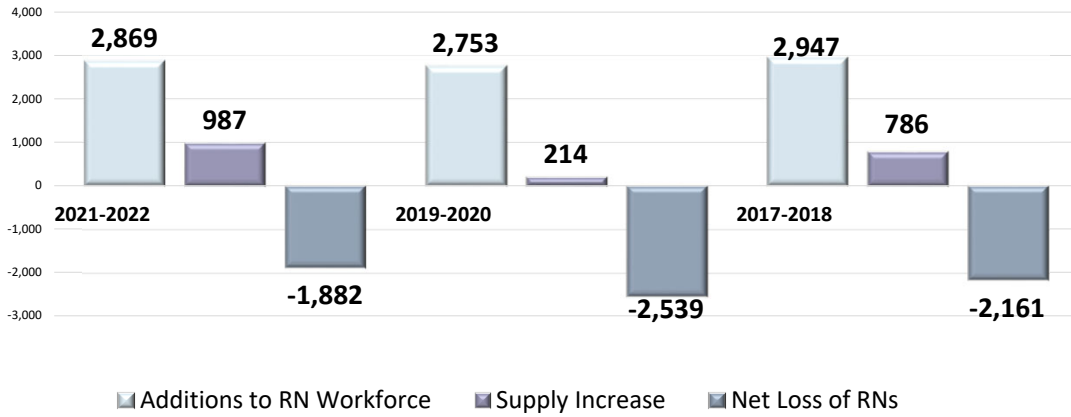


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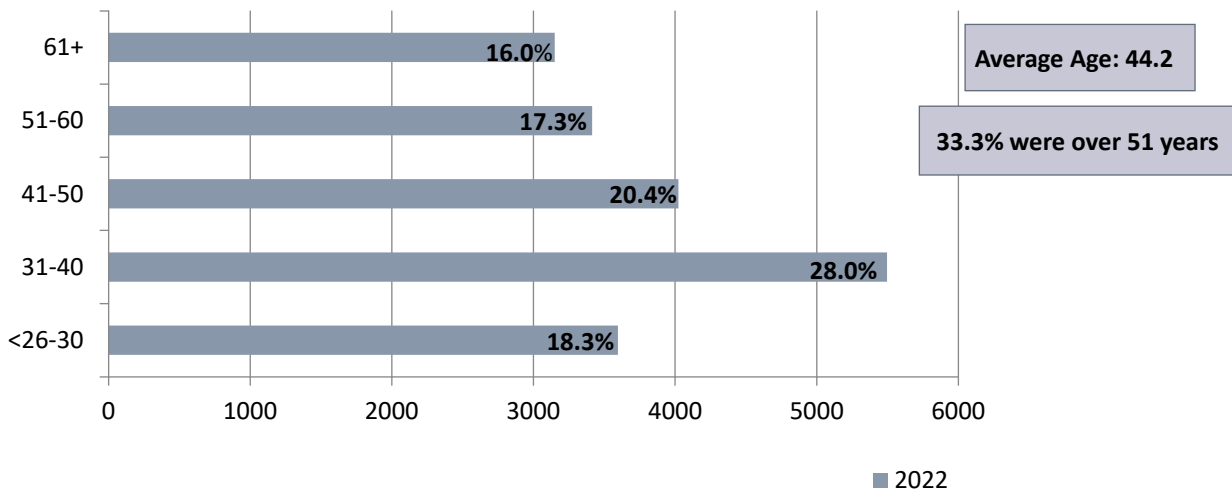
RN Workforce Gains and Losses



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RN Age



2023 Workforce Report Page: 16

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US Bureau of Labor Statistics RN Employment Projections 2022-2032

- ▶ US Bureau of Labor Statistics projects 193,100 average annual openings for RNs over this decade, with employment projected to grow 6%.

▶ Source: Bureau of Labor Statistics, U.S. Department of Labor, *Occupational Outlook Handbook*, Registered Nurses, at <https://www.bls.gov/ooh/healthcare/registered-nurses.htm> (visited May 1, 2024).

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Health Resources & Services Administration (HRSA): RN Projected Demand

- ▶ At the national level, shortages are projected for RNs through 2036.
- ▶ The demand for RNs in 2036 will exceed supply by 9%, resulting in a shortage of 337,970 FTE RNs, if labor force patterns remain the same.
- ▶ Non-metro/rural areas in the US are projected to have a higher RN shortage (14%) than metro areas (8%) by 2036.

▶ Health Resources & Services Administration (HRSA), March 2024.

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SD Department of Labor RN Employment Projections 2020-2030

- ▶ Demand expected to grow 12.0%
- ▶ 899 new jobs/annual openings from 2020 – 2030

▶ Source: Labor Market Information Center (LMIC), South Dakota Department of Labor and Regulation.

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Advanced Practice RN Education Programs

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Approved APRN Programs May 2024

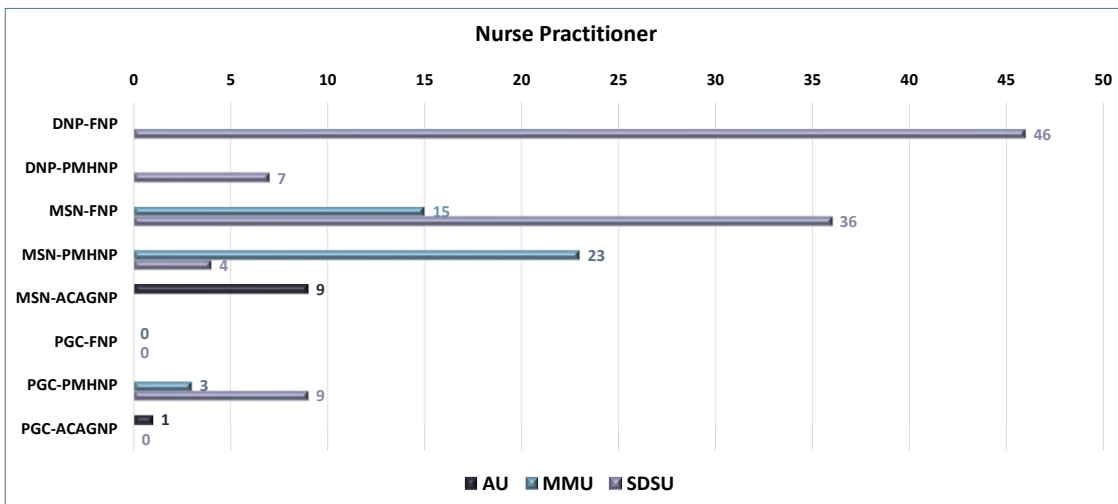
APRN Master's Degree Programs:

- Augustana University (AU)
- Mount Marty University (MMU)
- South Dakota State University (SDSU)

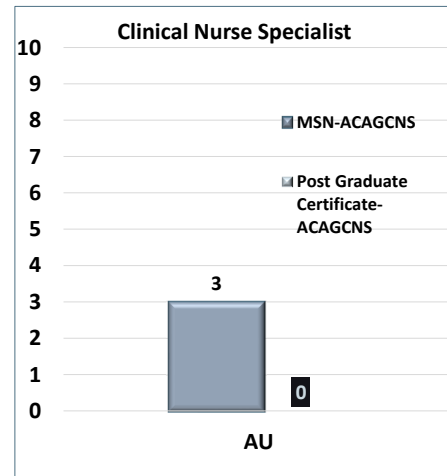
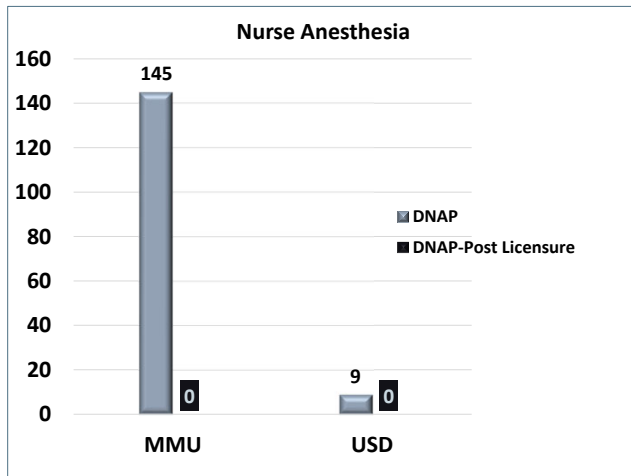
APRN Doctoral Degree Programs:

- Mount Marty University (MMU)
- South Dakota State University (SDSU)
- University of South Dakota (USD)

APRN Enrollment



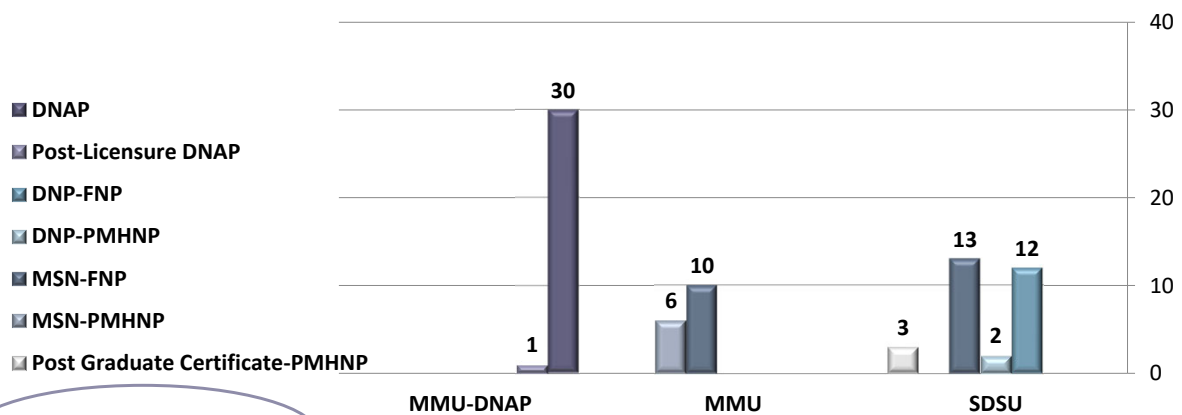
APRN Enrollment



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APRN Graduates

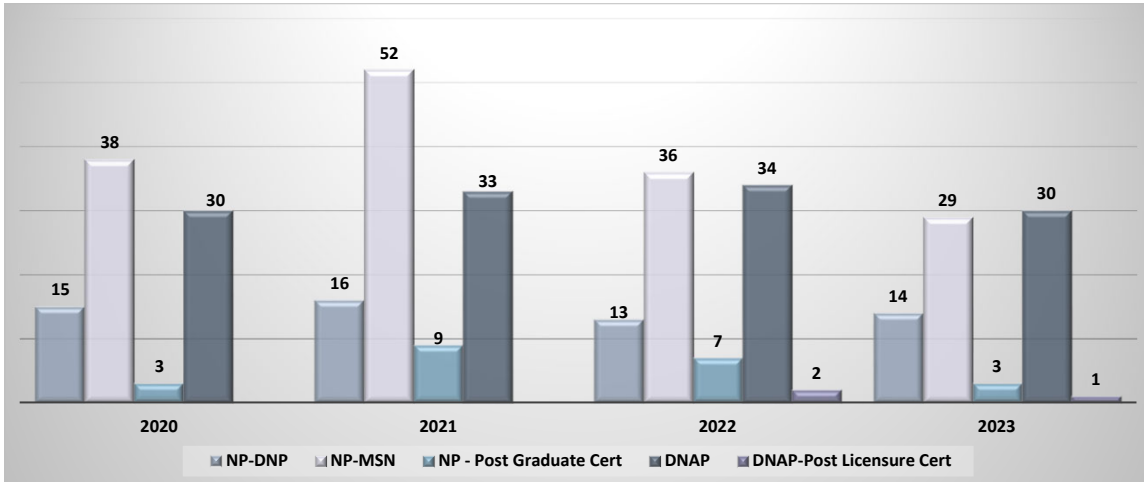


Total APRN Graduates: 77

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Trends in APRN Graduates

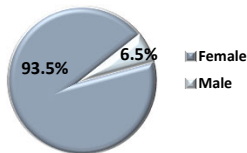


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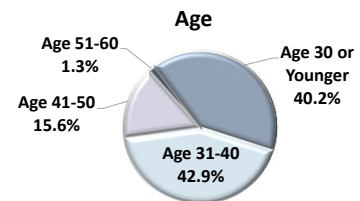
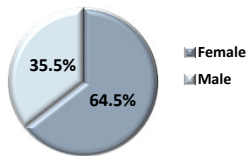
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APRN Graduate Characteristics

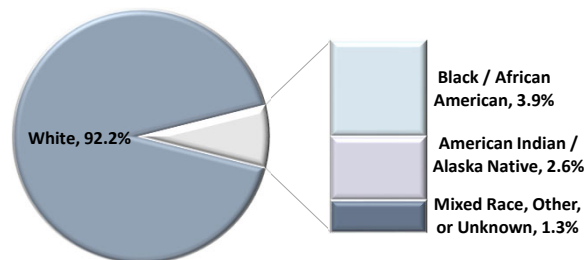
Nurse Practitioner Gender



Nurse Anesthesia Gender



Race



Education Report Page: 37 & 38

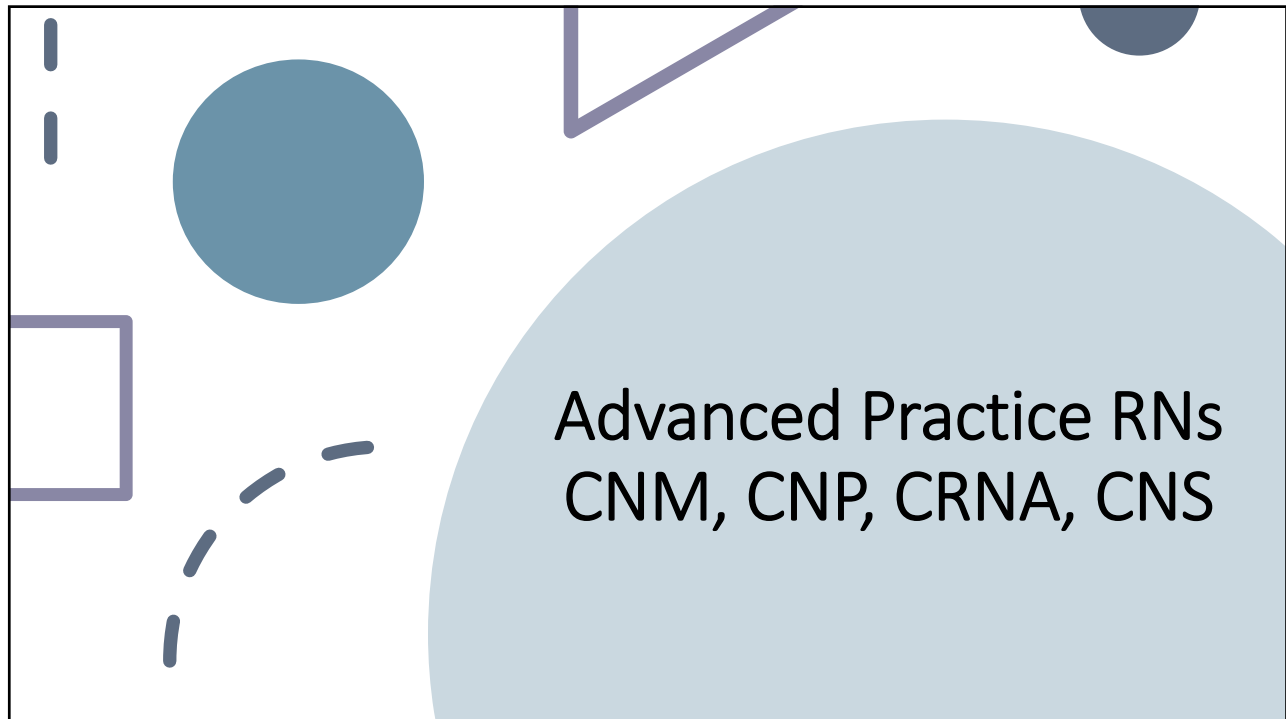
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APRN Faculty

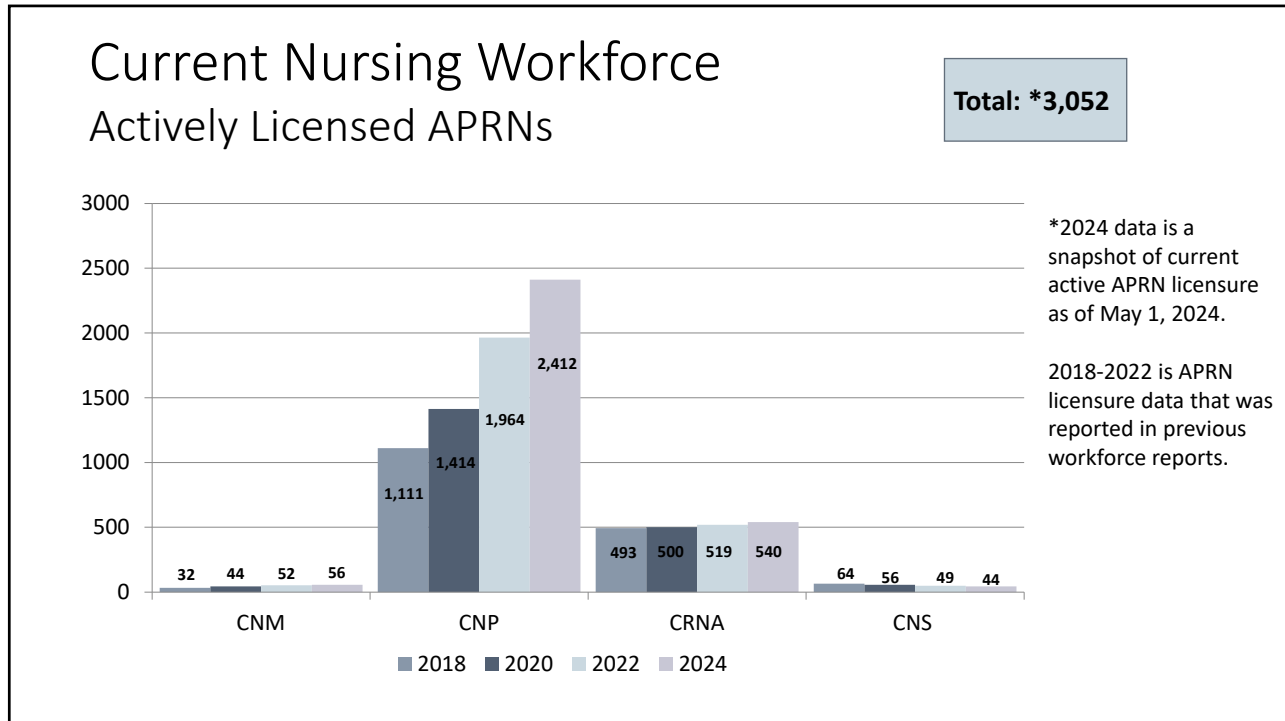
APRN Faculty Age	≤ 30	31-40	41-50	51-60	61-70	Total	%
PhD in Nursing	0	0	0	1	2	3	7.0%
Doctor of Nursing Practice	0	9	8	5	3	25	58.1%
Doctor of Nurse Anesthesia Practice	0	6	2	1	0	9	20.9%
Master's in Nursing	0	3	2	1	0	6	14.0%
Total:	0	18	12	8	5	43	100.0%
Percentage of Total:	0.0%	41.9%	27.9%	18.6%	11.6%	100.0%	

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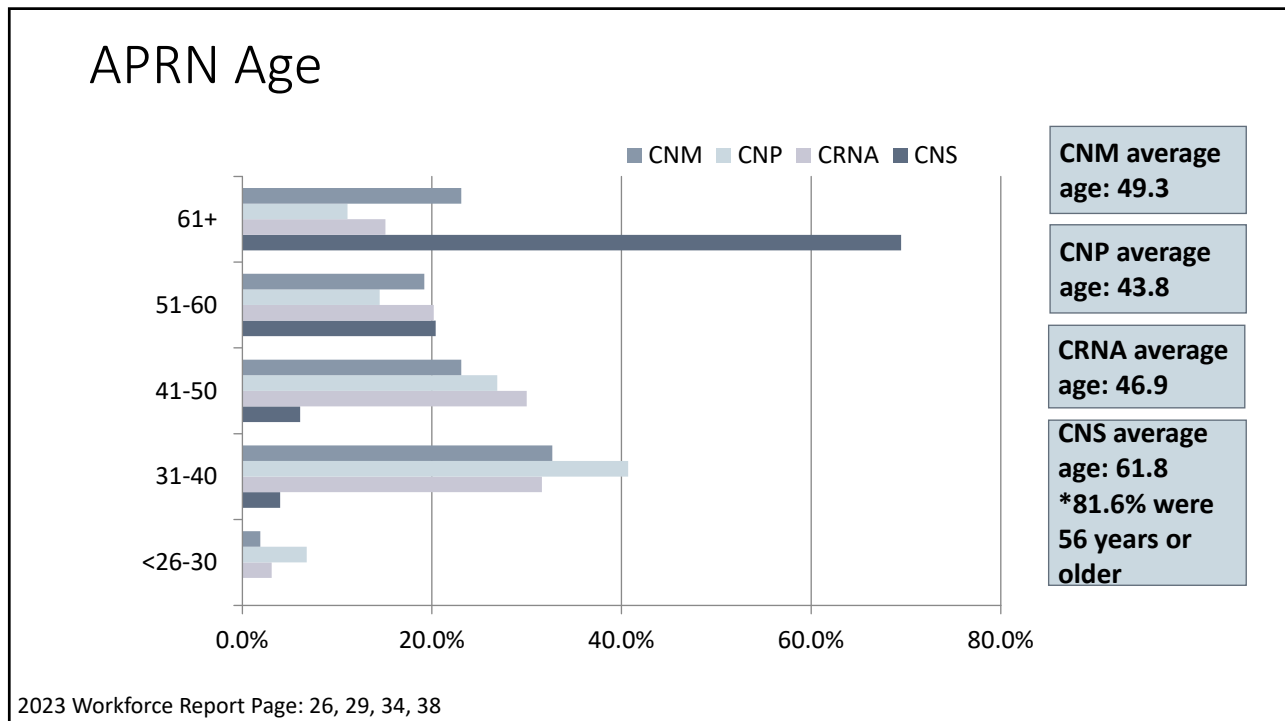
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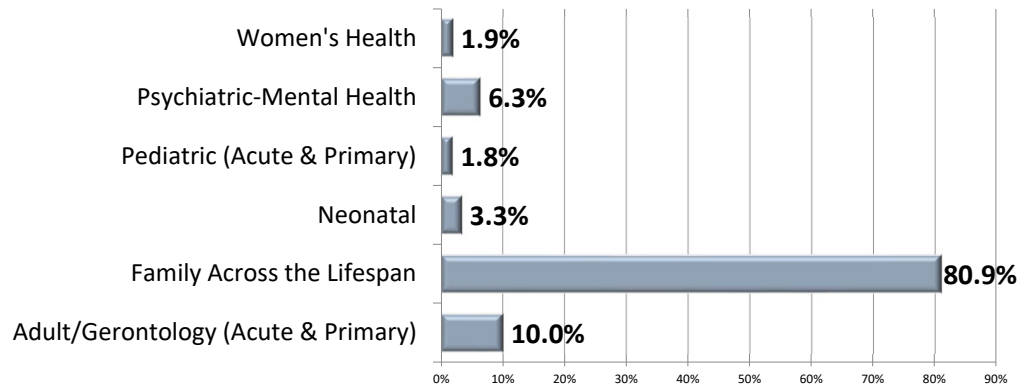


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CNP Certification Focus Areas



2023 Workforce Report Page: 28

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Health Resources & Services Administration (HRSA) APRN Employment Projections

- ▶ The national supply of Nurse Practitioners (NP) is projected to exceed demand over the 2021-2036 projection period.
- ▶ Distribution of NPs remains an important issue.
 - ▶ More NPs needed in non-metro/rural areas to provide healthcare.
 - ▶ Source: Health Resources & Services Administration (HRSA), March 2024.

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SD Department of Labor APRN Employment Projections 2020-2030

- ▶ NP jobs expected to grow 54.9% (73 new jobs/annual openings)
- ▶ CRNA jobs expected to grow 18.6% (27 new jobs/annual openings)

▶ Source: Labor Market Information Center (LMIC), South Dakota Department of Labor and Regulation

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How to address the complex issue of nursing workforce?

- Build an adequate supply of nurses
- Create healthy and safe work environments
- Support laws and regulations that allow nurses to practice to the full extent of their education and licensure
- Creative recruitment and retention efforts
 - Cleveland Clinic Example
 - Created a Nursing Workforce Flexibility Taskforce
 - Staggered shifts starting at 9 A.M. to 9 P.M
 - Flexible shift lengths/shorter scheduled times
 - Specialized assignment options
 - Split RN positions-nurses divide time between care areas
- *Traditional staffing models may no longer work with the ever-changing workforce needs and issues.



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National Council of State Boards of Nursing (NCSBN) 2024 National Workforce Survey

Tell Nurses Their Voice Matters!
2024 National Nursing Workforce Survey Underway

Your Voice Matters

U.S. Nurses Encouraged
to Contribute to 2024
Workforce Study



Every two years, the National Forum of State Nursing Workforce Centers partners with the National Council of State Boards of Nursing (NCSBN) to conduct the only national-level survey specifically focused on the U.S. nursing workforce.

Responses will be analyzed by NCSBN and the National Forum and will be published in the *Journal of Nursing Regulation*.

Between April and Sept. 2024, a nationally-representative sample of licensed registered nurses (RNs) and licensed practical/vocational nurses (LPN/VNs) from across the U.S. will be selected at random to participate in the survey. Surveys will be sent randomly to nurses in your state via mail.

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Thank you!

Education and Workforce Reports are available online at:
<https://www.sdbon.org/NursingWorkforce/Reports.asp>

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