Annual Nursing Education Program Report

Calendar and Fiscal Year 2024

Presented April 2025
to the Minnesota Board of Nursing

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Executive Summary

Minnesota Statute 148.191 Subd. 2 grants the Board of Nursing authorization to "prescribe by rule curricula and standards for schools and courses preparing persons for licensure under sections 148.171 to 148.285." The Annual Nursing Education Program Report to the Board of Nursing highlights how the Education Department is responsive to the quality and patient safety standards in Minnesota Nursing Education.

Minnesota Board of Nursing Program Approval Rule 6301.2350 requires all practical and professional nursing programs to be accredited by a national nursing accrediting body. At this time, all Minnesota pre-licensure nursing programs are accredited.

Since the launch of the Next Generation NCLEX (NGN) on April 1, 2023, NCLEX success rates show promising increases in programs across the state as evidenced in Appendix G of this report. NGN evaluates clinical judgment through evolving case scenarios that measure each aspect of the NCSBN Clinical Judgement Measurement Model (NCJMM).

Significant data about nursing student graduates from 2023-2024 reflect a 4.3% decrease in practical nursing graduates and a 17.6% decrease in associate degree graduates. Practical nursing graduate numbers have been in a decline for more than a decade. In addition, 69.9% of practical nursing graduates have mobilized to a professional nursing program over the last five years, impacting LPNs in practice. The data compounds the shortage of LPNs both by fewer entering practical nursing programs and an increasing percentage pursuing professional nursing.

Minnesota has some of the greatest health disparities in the country between White and Black, Indigenous, and People of Color (BIPOC). Research reports evidence of more favorable health outcomes when patients are cared for by providers of similar race. Minnesota nursing program graduates confirm a trend in increased ethnic diversity. Between 2019 and 2024, an average of 32.8% of PN candidates and 25.4% of RN candidates self-reported as an ethnic minority (NCSBN, 2024). The overall percentage of ethnic diversity of PN and RN candidates is at 32.1%, which is greater than Minnesota's non-white population. The percentage of non-white APRNs increased from 10.7% in 2020 to 16.1% in 2024.

Faculty shortage in nursing programs is an ongoing concern. Non-competitive salaries, nurse educators with the required credentials, and availability of full-time faculty are recruitment challenges. Use of part-time faculty is a continuing trend in nursing programs. With impending retirements and insufficient nurse educators in the pipeline, the nursing profession will likely struggle to meet the demand for qualified nurses.

APRN programs have robust enrollment and are key to educating nurse practitioners to provide primary care in underserved geographic areas and to underserved populations. US News and World Report, January 14, 2025, found nurse practitioner to be the No. 1 job of 2025, the second year of this ranking, and state that nurse practitioner job growth is projected to increase 46% by 2033 (para 1). Various studies show that, as a result of the care and counseling nurse practitioners provide, patients who see them as their primary care providers often have fewer emergency room visits, shorter hospital stays, and lower medication costs. As of June 30, 2024, there are 13,107 APRNs in Minnesota, an increase of 3,304 from 2020.

The Education Department continues to provide the Nursing Workforce Data Report. The report is presented to the Board every year at the April Board meeting in conjunction with the Education Annual Report.

Education Annual Report: Calendar and Fiscal Year 2024
Presented to the Board - April 2025

General Work: To support the mission of the Board of Nursing by developing and implementing the Minnesota Board of Nursing's program for approving nursing education programs.

M.R. 6301.0100 Subpart 4 defines "approval" as the authority granted by the board for a controlling body to offer a program designed to prepare students to meet the nursing education requirements for licensure as a practical, professional, or advanced practice registered nurse. MR 6301.2310 identifies the purpose of nursing education program approval which, first and foremost, promotes the safe practice of nursing by those individuals' seeking licensure. Program approval is granted when programs have met and continue to meet the nursing program standards as set forth in the rules. Continuous evaluation and improvement within the program by the nursing director and faculty ensures the quality of nursing programs. Finally, based on program approval, the board can provide the public and prospective students with a list of nursing programs that meet these standards.

There are 89 approved pre-licensure nursing programs in Minnesota. Due to the distinct difference in the levels of education between the practical and professional nursing programs compared to the advanced practice nursing programs, this report is divided into Part I for the practical and professional nursing programs and Part II for the advanced practice nursing programs.

PART I: PROGRAM APPROVAL - PRACTICAL AND PROFESSIONAL PROGRAMS

Approved Practical and Professional Nursing Programs

As of December 31, 2024, there are 74 Board approved pre-licensure practical and professional nursing programs in Minnesota (Appendix A1):

Program Type	Total
Practical Nursing Programs	23
Professional Nursing Programs:	
Associate Degree Nursing Programs	25
Baccalaureate Nursing Programs	22
Entry-level Masters Nursing Programs	4

Five of the 25 associate degree professional programs are mobility programs. Mobility programs only admit students who have completed a practical nursing program.

Continuing Program Approval

Continuing approval was granted to the following programs upon initial accreditation or renewal of accreditation:

- Alexandria Technical and Community College Associate Degree Nursing Program (CNEA)
- Alexandria Technical and Community College Practical Nursing Program (CNEA)
- Bethany Lutheran College Baccalaureate Degree Nursing Program (CCNE)
- Concordia University Baccalaureate Degree Nursing Program (CCNE)
- Minnesota North College Associate Degree Nursing Program (CNEA)
- Minnesota North College Practical Nursing Program (CNEA)
- Minnesota West Community and Technical College Practical Nursing Program (ACEN)
- Northwest Technical College Associate Degree Nursing Program (ACEN)
- Northwest Technical College Practical Nursing Program (ACEN)
- Rasmussen University, Moorhead Associate Degree Nursing Program (ACEN)
- Rasmussen University, Moorhead Practical Nursing Program (ACEN)
- University of St. Thomas Baccalaureate Degree Nursing Program (CCNE)
- University of St. Thomas Master's Degree Nursing Program (CCNE)

National Nursing Accrediting Bodies:

ACEN - Accreditation Commission for Education in Nursing (Accredits PN and above programs)
CCNE - Commission of Collegiate Nursing Education (Accredits BSN and above programs)
CNEA - Commission for Nursing Education Accreditation (Accredits PN and above programs)

Below Minimum Standard NCLEX

The Board required the following program to submit a plan of corrective action due to first-time candidate success rates on the National Council Licensure Examination (NCLEX®) below the minimum standard (75% or below) during calendar year 2024:

- Northwest Technical College Practical Nursing Program

The Board required an on-site survey for compliance with board rules for the following program due to NCLEX® first-time success rates below minimum standard for three consecutive calendar years (2022, 2023, and 2024):

- Rasmussen University, Moorhead Associate Degree Nursing Program

The Board removed the following programs from special board oversight as 2024 NCLEX® first-time success rates were above the minimum standard:

- Hennepin Technical College Practical Nursing Program
- Minnesota State Community and Technical College Practical Nursing Program
- Rasmussen University, Eagan Practical Nursing Program
- Rasmussen University, St. Cloud Practical Nursing Program
- Rasmussen University, St. Cloud Associate Degree Nursing Program

Report of Plans of Corrective Action for Calendar Year 2023

At the August 2024 board meeting, the Board received a report summarizing the plans of corrective action and the revised plans of corrective action submitted by the following programs that were below minimum standard for calendar year 2023:

- Minnesota State Community and Technical College Practical Nursing Program
- Rasmussen University, Eagan Practical Nursing Program
- Rasmussen University, St. Cloud Practical Nursing Program

Each plan of corrective action was reviewed, and areas identified by the program as needing improvement were noted. The submitted plans were then analyzed as a group to determine what factors common to all the programs could be identified as impacting first-time candidate success rates on the NCLEX® examination. The common themes contributing to negative outcomes include academic dishonesty with program entrance exams, decreased integration of clinical reasoning/clinical judgment in the classroom, decreased faculty and leadership retention, and decreased student engagement and preparedness. Across these programs, the following common corrective measures were identified.

- Faculty training on implementing clinical reasoning/clinical judgment in earlier courses
- More opportunities for faculty and student engagement in program
- Optimize clinical experience (acute care)
- Implementing a post-graduation mentoring program to prepare for NCLEX
- Formal mentoring program for faculty and leadership roles

Report of Board Ordered Surveys for Calendar Years 2022 and 2023

At the August 2024 board meeting, the Board received a report summarizing the on-site survey and revised plans of corrective action submitted by the following programs that were below minimum standard for calendar years 2022 and 2023:

- Hennepin Technical College Practical Nursing Program
- Rasmussen University, Moorhead Associate Degree Nursing Program
- Rasmussen University, St. Cloud Associate Degree Nursing Program

The programs submitted a revised plan of corrective action integrating recommendations developed by the survey team.

Report of Board Ordered Survey for Calendar Years 2021, 2022 and 2023

In 2024, the Board received a report from the survey conducted for one program due to three consecutive years of below minimum standard NCLEX® first-time success rates. The program remains approved with a correction order in place:

- Rasmussen University, Moorhead Practical Nursing Program (issued August 2024)

REPORT OF ANNUAL COMPLIANCE SURVEY

The Board requires directors of approved nursing programs to submit evidence regarding the nursing program's compliance with relevant program approval rules by October of each year. All programs submitted the requested information.

Minnesota Statute, section 176.182 requires every state and local licensing agency to present acceptable evidence of compliance with the workers' compensation insurance coverage requirement of section 176.181, subdivision 2. All nursing programs submitted evidence indicating compliance with the statute.

Minnesota Rule 6301.2340 subpart 3. A. (4) (a) specifies that students have learning activities with faculty oversight to acquire and demonstrate competence in clinical settings with patients across the lifespan and with patients throughout the wellness, acute, and chronic illness continuum. Seventy-four nursing programs provided evidence that students have learning activities with patients across the life span and illness-wellness continuum.

Program approval rules state, "high fidelity simulation can be utilized no more than half of the time designated for meeting clinical requirements." Nursing programs may lack available clinical resources to provide certain clinical experiences for students and therefore, use simulation to meet these requirements. The nursing faculty decides where to utilize simulation to meet clinical learning requirements, and it can be used up to 100% to meet specialty clinical experiences provided this represents no greater than 50% of the total clinical hours in the program. Two PN programs used 100% simulation to fulfill certain clinical areas- both programs used simulation to meet OB, and one program used simulation for pediatrics and psych; seven ADN programs used 100% simulation to meet specific clinical areas, five programs used it to meet OB, five to meet pediatrics and one to meet psych. None of the BSN programs used 100% simulation to meet certain clinical areas.

As programs have renewed access to clinical sites since the COVID-19 epidemic subsided, no petitions for a variance to exceed the use of simulation above the 50% threshold as a replacement to standardized clinical were submitted. Clinical site availability has been and remains a challenge for some nursing programs due to geographical limitations, clinical site capacity, and competition for clinical sites.

Table 1 summarizes the data submitted by each program type reflecting the range of clinical hours, simulation hours and the calculated percent. Averages were calculated for each of these elements. Finally, the number of programs not using simulation to replace clinical hours is included.

Table 1. Practical and Professional Nursing Programs Clinical Hours vs. High Fidelity Simulation Hours

	Number of Clinical Hours		Number of High-Fidelity Simulation Hours Replacing Clinical Hours		Percent of Clinical Replacement with Simulation Hours		Number of Programs currently not using Simulation Hours as Replacement Clinical Hours
	Range in Number of Clinical Hours	Average Number of Clinical Hours	Range in Number of Simulation Hours	Average Number of Simulation Hours	Range in Percent of Clinical Replacement	Average Percent of Clinical Replacement	
LPN Programs	160 - 360	264.9	0 - 96	45.5	0% - 46.2%	17.6%	1/23
ADN Programs	186 – 540	346.3	22 - 220	69.1	5.4% - 44.7%	19.8%	0/25
BSN-MSN Programs	358 – 914.5	540.8	0 - 274	50.8	0% - 38.1%	9.1%	4/26

Accreditation Status

Minnesota Rule 6301.2350 Subpart 1 stipulates that all approved nursing education programs must provide evidence of current accreditation by a national nursing accrediting body approved by the United States Department of Education or the Council for Higher Education Accreditation or its successors by January 1, 2018, or must have achieved candidacy status leading to such accreditation and demonstrated satisfactory progression toward obtaining the accreditation. As of December 31, 2024, all pre-licensure nursing programs are accredited.

Report of Faculty Licensure and Credentials

Minnesota Rule 6301.2340 specifies that nursing faculty have a major in nursing at the baccalaureate or graduate level and unencumbered licensure as a registered nurse with current registration in Minnesota. The nursing education program must:

> 3.A. (10) ensure practical nursing program faculty have a baccalaureate or graduate degree in nursing from a regionally or nationally accredited college or university recognized by the United States Department of Education, the Council for Higher Education Accreditation or successors, or by a comparable organization if the baccalaureate- or graduate-level degree is from a foreign country;

> 3.A. (11) ensure professional nursing program faculty have a graduate degree for full-time faculty and the majority of part-time faculty hold a graduate degree from a regionally or nationally accredited college or university recognized by the United States Department of Education, the Council for Higher Education Accreditation or successors, or by a comparable organization if the baccalaureate or graduate-level degree is from a foreign country. If the major of the graduate degree is not in nursing, the faculty must hold a baccalaureate degree with a major in nursing;

Program directors submitted evidence demonstrating compliance with the requirement that all nursing faculty have an unencumbered Minnesota registered nurse license and current registration. Programs were able to demonstrate compliance with faculty education requirements. Nursing programs continue to face challenges in hiring faculty, both in numbers and credentials.

In 2024, a decrease of 32 in the total number of faculty teaching in Minnesota practical and professional nursing programs was reported (Appendix B, Table 1). The unduplicated faculty count increased from 2023 (Appendix B, Table 4). The duplicated count is reflective of the number of faculty positions; the unduplicated count reflects the actual number (headcount) of faculty teaching in Minnesota nursing programs. A continuing concern is lack of candidates for full time faculty positions. This is addressed in the special annual survey by the American Association of Colleges of Nursing (AACN) on vacant faculty positions for the academic year 2023-2024, which reported 59.4% (n= 548) of the 922 schools surveyed had full-time vacancies. The overall vacancy rate in 2023-2024 is 10.1% up from 8.8% in 2022. Interestingly, the Midwest region of the U.S. has the lowest percentage of full-time faculty vacancies. The top issue (69.6%) and the most critical issue (47.1%) related to faculty recruitment are noncompetitive salaries. Lack of an adequate number of faculty may limit admission of new students. Impending faculty retirements is another critical factor in staffing nursing programs and without sufficient nursing educators in the pipeline, the nursing profession will not meet the demand for qualified nurses.

During calendar year 2024, the majority of faculty teaching in a nursing program were employed part-time in the program (Appendix B, Tables 3 and 4). The use of part-time faculty has been a continued trend over the past years and is related to several program factors, including the availability of full-time faculty, salary costs, and flexibility in scheduling clinical assignments.

Appendix C provides a list of the number of faculty teaching in each nursing program.

MINNESOTA NURSING EDUCATION PROGRAM REPORTS

Report of Minnesota Graduates: Practical and Professional Programs

Annually, nursing program directors report the number of students who complete the program during a fiscal year, July 1st through June 30th (Appendix D1-D3). Figure 1 displays the trends in the number of graduates from practical and professional nursing programs from 2019 to 2024. Compared to 2019, the number of students completing associate degree nursing programs in 2024 decreased 21.5%; the number of students completing licensure-preparing baccalaureate and entry level master's nursing programs in 2024 increased by 28.0%; and the number of students completing practical nursing programs in 2024 decreased by 34.8%.

When compared to 2023, the number of associate degree graduates in 2024 decreased by 17.6% and the number of baccalaureate or masters-entry graduates decreased by 1.0%. There was a 4.3% decrease in practical nursing graduates from 2023 to 2024, continuing a trend over the past 10 years.

Figure 1. Number of graduates reported by Minnesota nursing program directors.

	2019	2020	2021	2022	2023	2024
PN	1101	1067	1017	808	750	718
AD - Prof	2308	2286	2307	2413	2199	1811
BS - Prof	1209	1320	1440	1357	1588	1536
MS - Prof	134	137	136	159	149	183
Total Prof	3651	3743	3883	3929	3936	3530
Total PN & Prof	4752	4810	4900	4737	4686	4248
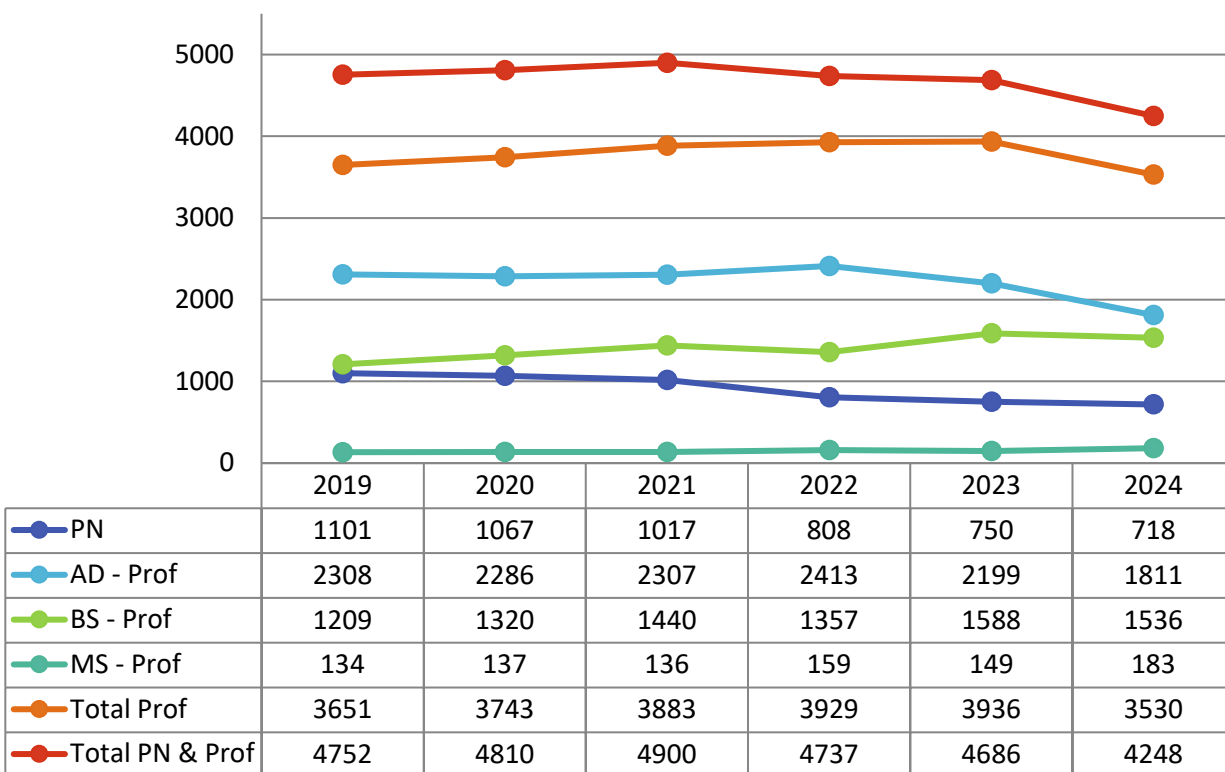
Figure 2 displays the number of Minnesota graduates by region from 2019-2024. Currently, the Twin Cities region contains the highest number of nursing programs. There is a total of 25 nursing programs within the metro area. In 2024, 42.5% of all Minnesota graduates completed their program in the Twin Cities region. The Northwest region had the second highest number of graduates in 2024, which accounted for 18.1% of total graduates.

The compass for the seven Minnesota regions utilizes the Minnesota Department of Employment and Economic Development (DEED) regional planning map as displayed in Appendix A2.

Figure 2. Number of Minnesota graduates by region 2019-2024.

	2019	2020	2021	2022	2023	2024
Central MN	601	565	595	573	525	469
NE MN	481	439	439	392	457	427
NW MN	792	790	801	816	737	767
SE MN	379	465	437	426	444	425
SW MN	397	447	419	377	368	354
Twin Cities	2102	2104	2209	2153	2155	1806
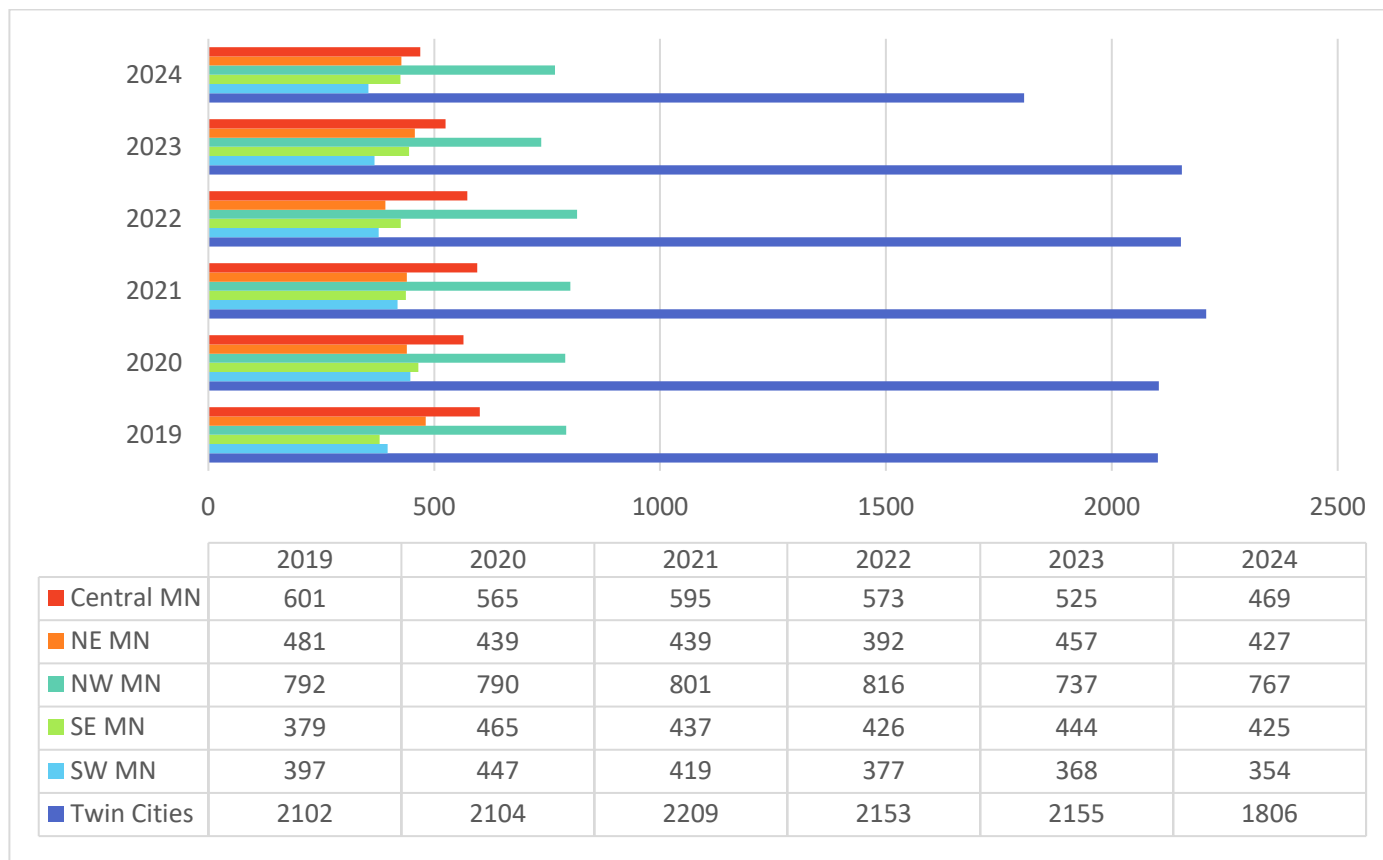
*Numbers by region include practical nurse, associate degree, baccalaureate, and master's entry degree graduates. The seven Minnesota regions were determined by the Minnesota Department of Employment and Economic Development (DEED) regional planning map.

Educational Mobility in Minnesota

Nurses at all levels of practice, progress along the educational continuum to increase their knowledge and skill. Licensed practical nurses (LPN) are granted advanced standing in associate degree nursing programs. Registered nurses, both diploma and associate degree, pursue baccalaureate degrees and advanced degrees in nursing.

Advanced Standing for Licensed Practical Nurses

Minnesota associate degree nursing programs have a statutory requirement to grant advanced standing. Associate degree nursing programs approved or seeking approval by the Board shall provide for advanced standing for licensed practical nurses in recognition of their nursing education and experience (M.S. 148.251, subd. 6).

There are two types of associate degree curricula offering advanced standing to LPNs. Generic associate degree (AD) programs admit qualified applicants and must offer advanced standing to qualified LPN applicants. Mobility AD programs offer a curriculum designed for LPNs to become professional nurses and admit only LPNs as students. The number of advanced standing credits granted by associate degree nursing programs to LPNs, or PN program completion graduates is found in Appendix E.

Figure 3 illustrates how practical nurses are mobilizing into professional nursing. From 2019 to 2024, graduates of Minnesota approved practical nursing programs totaled 5,461. During the same period, 3,687 practical nurses graduated from a Minnesota approved associate degree professional nursing programs. In comparison to the total number of practical nurse graduates, 69.9% of practical nurses eventually mobilize and complete a professional nursing program. This rate of conversion has been stable for several years. The data demonstrates that a lower number of persons are pursuing licensure, and as a result, fewer are continuing to practice as a practical nurse.

Figure 3. Number of LPNs completing professional programs versus PN graduates.

	2019	2020	2021	2022	2023	2024
■ PN Grads	1101	1067	1017	808	750	718
■ LPN/ADN mobility	742	696	612	593	574	470
■ LPN/BSN & MSN mobility	3	7	16	20	62	20
■ Total LPN mobility	745	703	628	613	636	490
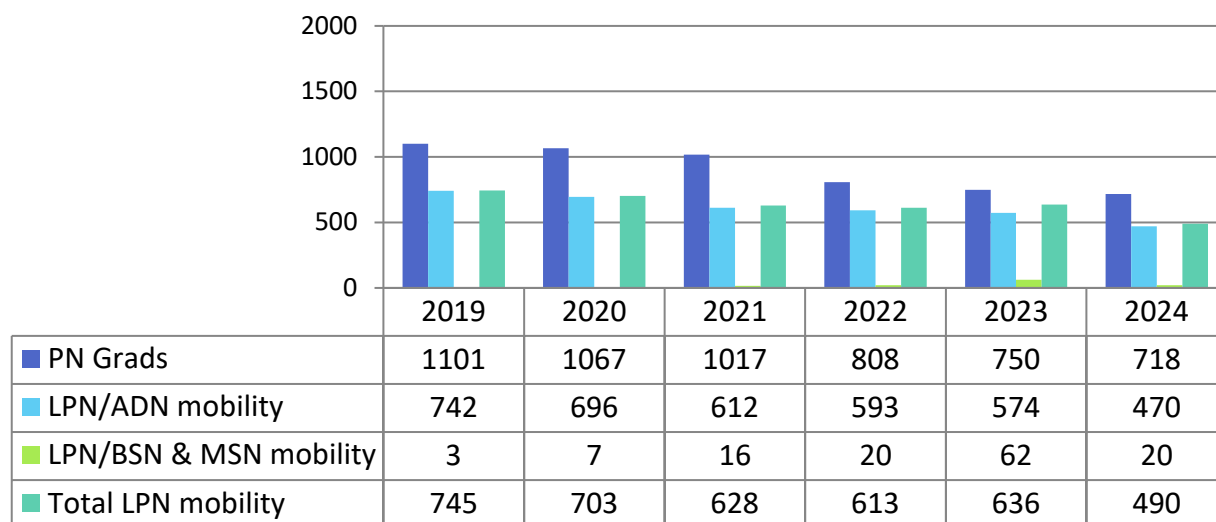
*Not all BSN/MSN programs track if students have an LPN license

Post Licensure Baccalaureate Programs for Registered Nurses

In 2023, the American Association of Colleges of Nurses (AACN) reported a 16.9% decrease in enrollment for RN to BSN programs for the fourth year in a row (AACN, 2023). In 2022, AACN reported the number of RN to BSN graduates increased 95% since 2012 (AACN, September 2022). In August 2023, AACN conducted a survey of nursing programs and found that 25% of hospitals and other healthcare settings require new hires to have a bachelor's degree in nursing, while 69.8% of employers express a strong preference for BSN program graduates (AACN, October 2023). This employer preference is one factor in the development of RN to BSN programs. According to the AACN, as of 2022, 71.7% of the RN workforce earned a baccalaureate degree or higher degree as their highest level of nursing education (AACN, 2023).

The number of registered nurses with associate degrees and diplomas graduating from baccalaureate completion nursing programs (RN to BSN) are listed in Figure 4. In Minnesota, 11 of the 22 approved baccalaureate degree licensure-preparing programs offer baccalaureate completion opportunities for registered nurses. Additionally, there are two baccalaureate completion programs in Minnesota that do not offer licensure-preparing baccalaureate programs.

The Board does not have jurisdiction over post-licensure baccalaureate programs. Data are supplied by directors of nursing programs in Minnesota. Non-jurisdictional baccalaureate completion programs in Minnesota, with a physical campus, voluntarily provide RN to BSN graduate statistics to the Board.

Figure 4 presents an estimated number of graduates from baccalaureate completion programs in Minnesota from 2019–2024. The percentage of RNs returning to complete the baccalaureate degree as compared to the percentage of graduates from Minnesota associate degree nursing programs decreased from 53.5% in 2019 to 41.1% in 2024. Furthermore, the Institute of Medicine Future of Nursing Report (IOM) goal of 80% BSN by 2020 was not achieved and is now delayed to 2029. Included in the RN to BSN graduate numbers are individuals who completed diploma programs. The last diploma school in Minnesota closed in 1987. Unlike the associate degree graduates, there are no annual graduate figures to include, therefore, reported percentages of those returning for a baccalaureate degree as shown in Figure 4 are inflated.

The number of Minnesota nurses attending out-of-state online RN to BSN programs are not included in the data; additionally, the Board of Nursing does not collect data from licensees regarding the highest nursing degree earned.

Figure 4. Number of RNs completing Minnesota baccalaureate nursing completion programs.

	2019	2020	2021	2022	2023	2024
ADN Grads	2308	2286	2307	2413	2199	1811
BSN Grads	1209	1320	1440	1357	1588	1536
RN to BSN	1234	1051	943	900	739	744
BSN Total	2443	2371	2383	2257	2327	2280
% AD - BSN	53.5%	45.9%	40.9%	37.3%	33.6%	41.1%
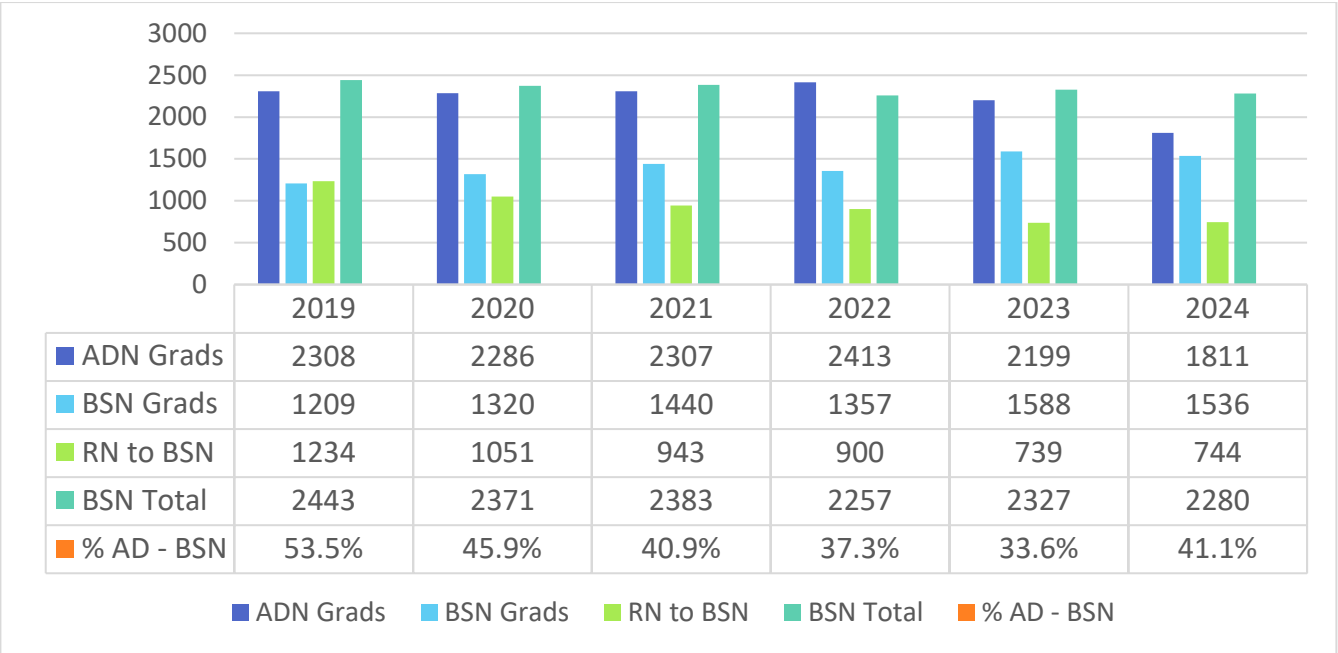
Additional Nursing Degrees Earned

Table 2. summarizes additional nursing degrees earned by those nurses initially educated by diploma, associate, or post associate degrees, as self-reported by registered nurses responding to the Minnesota Department of Health, Office of Rural Health and Primary Care (ORHPC) survey. The ORHPC data reflected in this report was pulled from data collected between January 1, 2023 – December 31, 2024. Existing data collection strategies in Minnesota make obtaining an accurate number of nurses who return for additional degrees difficult.

Of those who completed initial licensure at the associate degree level, 35.0% indicated they had completed an additional nursing degree (baccalaureate or higher). Approximately 76.4% of those educated in a diploma or certificate nursing program achieved a higher degree.

Table 2. Additional nursing degrees earned by diploma and associate educated RNs

Type of Degree	Initial Nursing Degree at Time of RN Licensure	Number Reported as Highest Nursing Degree	Percentage Completing Higher Degree
Associate or Post Associate Nursing Degree	29,971	19,487	35.0%
Diploma or Certificate* Nursing Diploma	8,460	1,999	76.4%

*Note: The last diploma program in MN closed in 1987
Source: Minnesota Department of Health, Office of Rural Health and Primary Care Survey, January 1, 2023 – December 31, 2024.

Table 3. offers a comparison between the initial nursing degrees at the time of RN licensure and the highest nursing degrees earned as reported by registered nurses completing the ORHPC survey. There is an 114.4% increase in the number of nurses who earned a baccalaureate or higher degree as their highest nursing degree compared with the number reporting a baccalaureate or higher degree as their initial nursing degree.

Table 3. Initial and highest nursing degrees as reported by RNs in ORHPC survey

Degree Type	Initial Nursing Degree	Highest Nursing Degree
Baccalaureate	21,713	39,576
Post Baccalaureate	197	2,126
Master's	756	5,751
Post Master's	14	253
Doctorate	16	956

Source: RNs responding to Minnesota Department of Health, Office of Rural Health and Primary Care Survey, January 1, 2023 – December 31, 2024.

Demographic Characteristics of Minnesota Graduates at the Time of Licensure

Average Age at Time of Licensure

Figure 5 depicts the average age at the time Minnesota RNs and LPNs were licensed by exam for calendar years 2019 – 2024. During this period, the mean age of baccalaureate prepared nurses, associate degree professional nurses and practical nurses remained relatively constant.

Figure 5. Average age at time of licensure by examination in Minnesota.
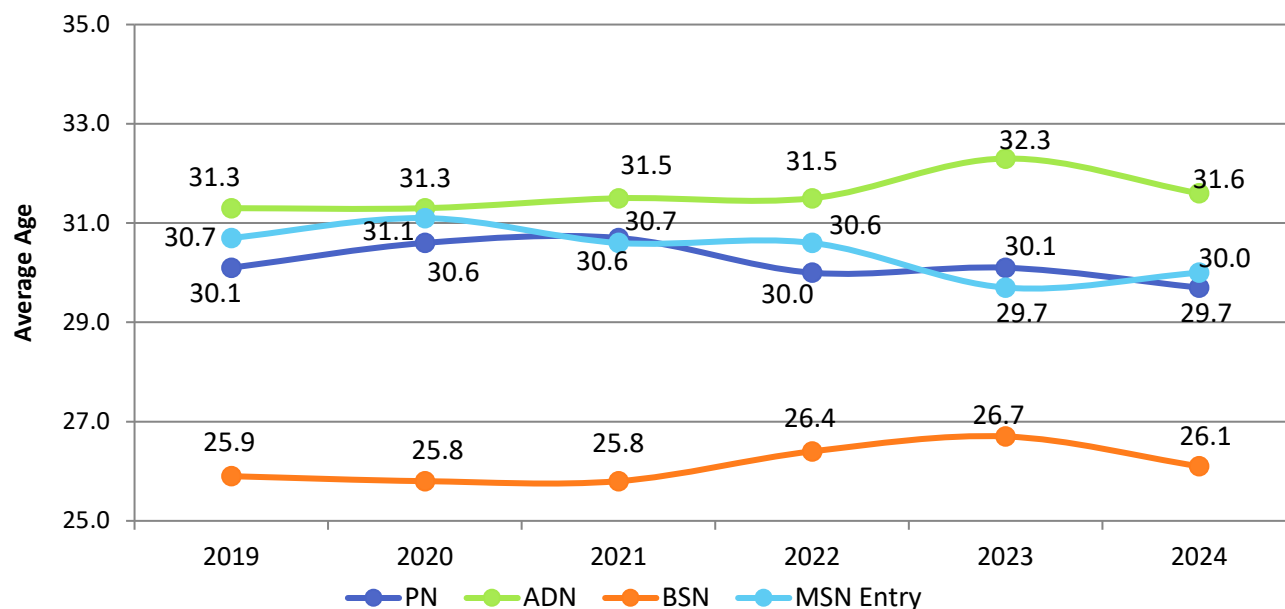
Male at Licensure Compared to the Workforce

As depicted in Figure 6, from 2019 to 2024, there is a greater percentage of males who graduated from Minnesota approved nursing programs as compared to the total percentage of males in the Minnesota RN or LPN workforce. Compared to 2023, the number of males graduating from Minnesota RN programs decreased by 15.4% in 2024 and the number of males graduating from PN programs remained the same. Increasing the number of males in nursing is another recommendation noted in the National Academy of Medicine: The Future of Nursing 2020 to 2030.

Figure 6. Male nurses licensed by exam vs. males in the Minnesota workforce.
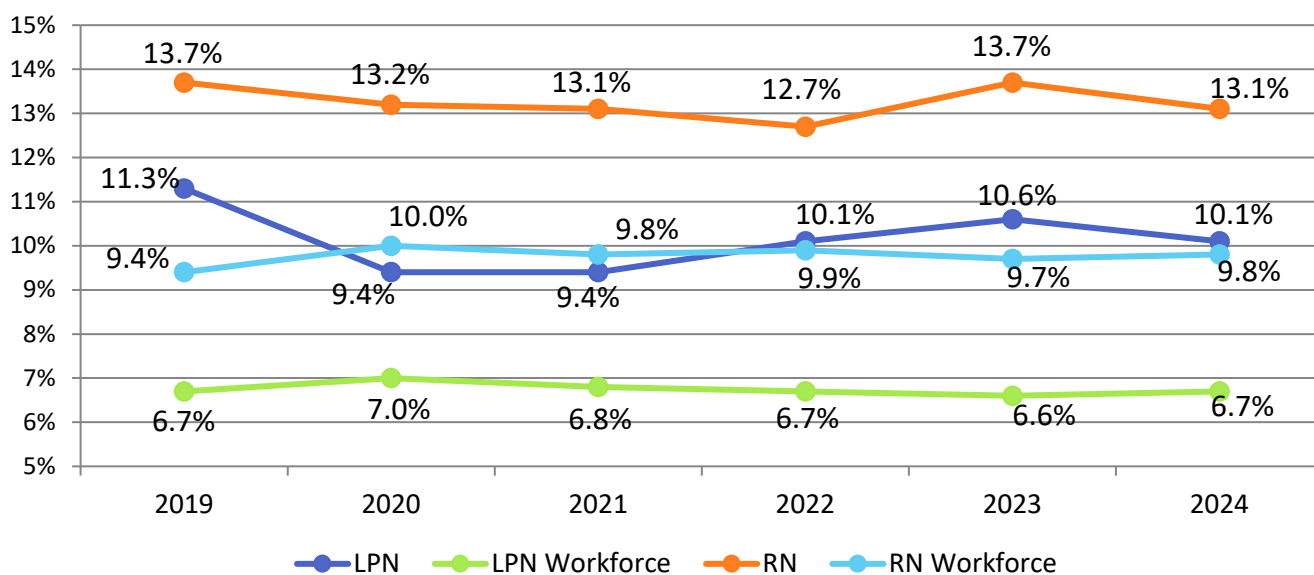
*In 2023 and 2024 less than 1.0% of applicants who graduated from Minnesota approved nursing program identified as non-binary or unknown gender.

Ethnicity in Underserved/Underrepresented at Licensure Compared to the Workforce

When candidates complete registration for the NCLEX® exam, they may volunteer information about their ethnic origin. National Council of State Boards of Nursing (NCSBN) ethnicity data regarding candidates from Minnesota programs for 2019 – 2024 is presented in Appendix F.

Between 2019 and 2024, 32.8% of PN candidates and 25.4% of RN candidates self-reported as an ethnic minority (NCSBN, 2024). Figure 7 compares this candidate data with the ORHPC workforce survey, wherein 18.7% of the LPN workforce and 17.3% of the RN workforce were non-white (ORHPC, 2024). In comparison, the ethnicity of PN and RN candidates is greater than the self-reported ethnicity of LPNs and RNs responding to the ORHPC survey. If students completing Minnesota nursing programs continue to reflect increased ethnic diversity, eventually the workforce percentages should demonstrate that increase. Increasing diversity in the nursing workforce is also a recommendation identified in the IOM report.

According to the 2019 census data, Minnesota's non-white population was approximately 21.8%. The ethnic diversity of PN and RN candidates is greater than the percentage of the Minnesota non-white population. The overall percentage of ethnic diversity of PN and RN candidates is at 32.1%, which is greater than Minnesota's non-white population.

Figure 7. Ethnic diversity in Underserved/Underrepresented candidates for licensure exam vs. minority ethnicity of the Minnesota workforce.
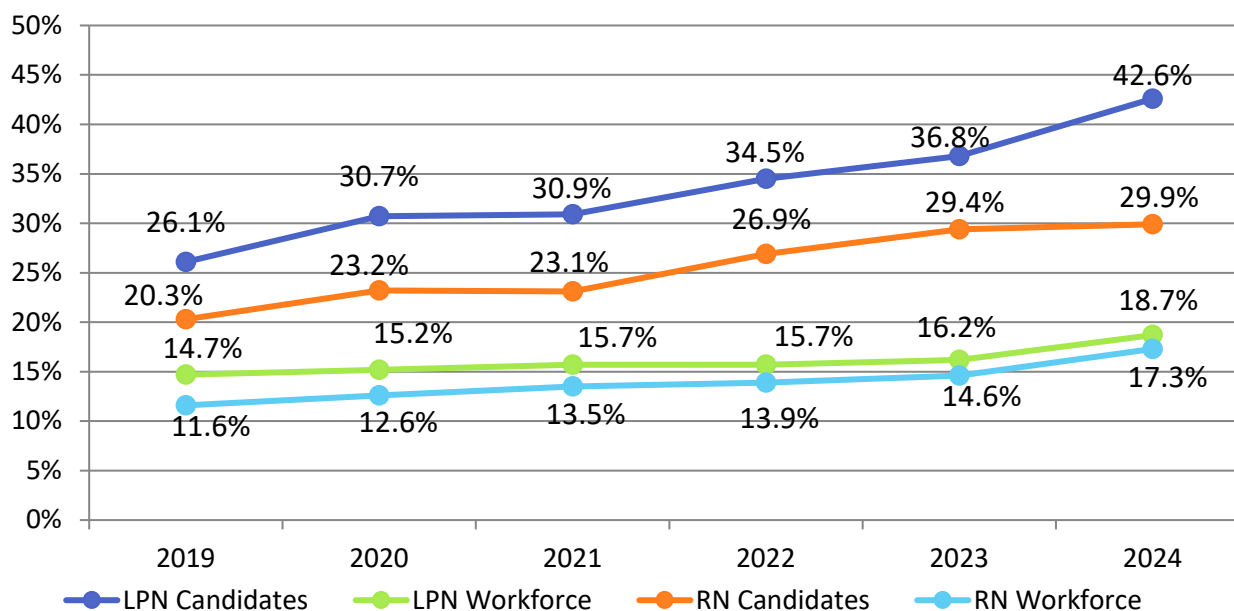
Primary Language at Licensure

When candidates complete the NCLEX® registration, they may volunteer information about their primary language. Figures 8 and 9 present data from NCSBN regarding candidates from Minnesota nursing programs during 2019 – 2024.

Figure 8. Minnesota PN candidates self-report of primary language.

	2019	2020	2021	2022	2023	2024
■ English - second language	28	37	27	18	38	27
■ English - equally well	45	60	57	45	54	58
■ English - primary language	997	915	883	735	625	652
■ No Answer	31	25	17	35	31	19
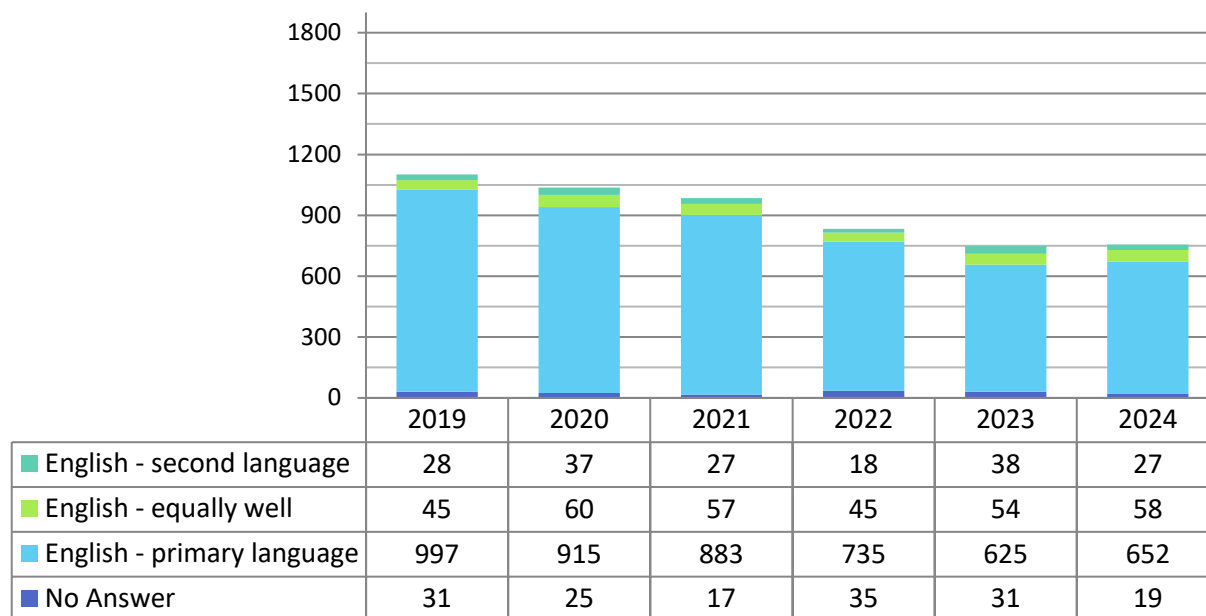
Figure 9. Minnesota RN candidates self-report of primary language.

	2019	2020	2021	2022	2023	2024
■ English second language	64	70	61	88	95	76
■ English equally well	152	162	173	187	194	166
■ English primary language	3365	3414	3466	3626	3335	3140
■ No Answer	110	136	134	128	133	106
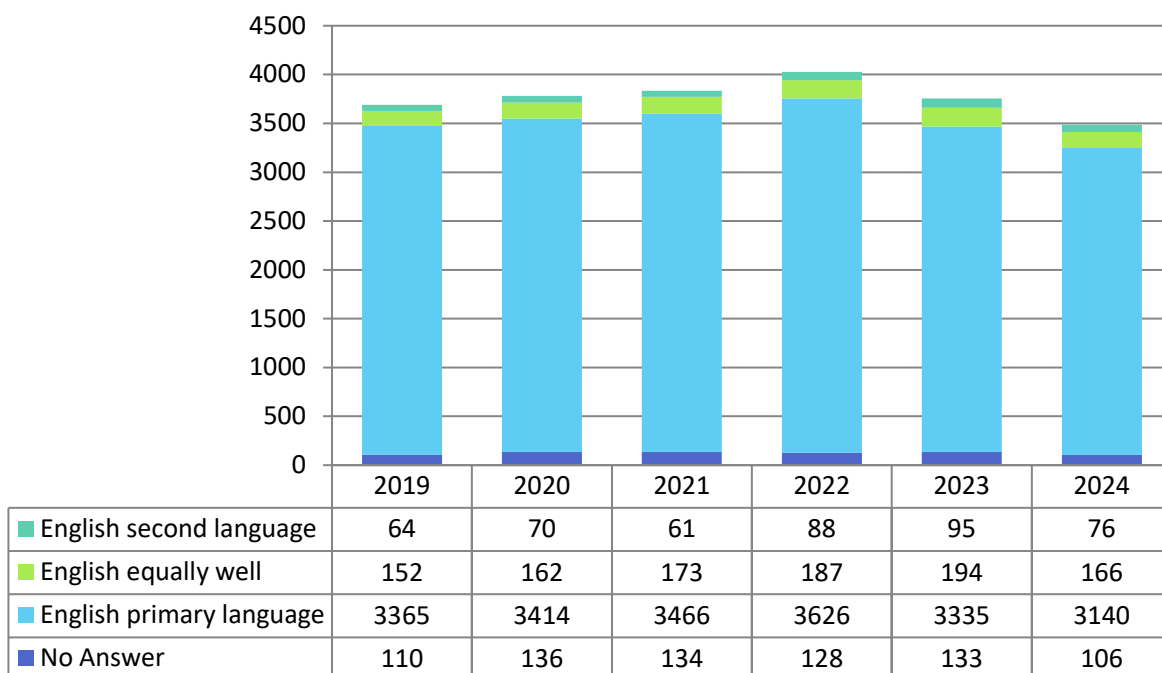
REPORT OF NCLEX® RESULTS

Success Rates for Minnesota Programs for Calendar Year 2024

The reports of first-time success rate and number of PN and RN candidates reflect the total number of candidates from Minnesota nursing programs, including candidates who applied for licensure by exam in other jurisdictions. Notably, Next Generation NCLEX (NGN) launched on April 1, 2023. Although there were fears about program outcomes on the new exam, success rates increased across all programs in 2023 and 2024. The new exam uses the clinical judgment model in the form of patient care scenarios. Students comment, the exam is designed to test us, as we were taught.

Minnesota programs' first-time success rates for practical nursing candidates on the NCLEX-PN® licensing examination and first-time success rates for professional nursing candidates on the NCLEX-RN® licensing examination is displayed in Appendix G1-G3.

In 2024, practical nursing candidates from Minnesota had an 87.55% first-time success rate as compared to 88.38% for all United States practical nursing candidates as indicated in Figure 10. Minnesota success rates were below the national average.

Figure 10: Comparison of first-time NCLEX-PN® candidate success rates.
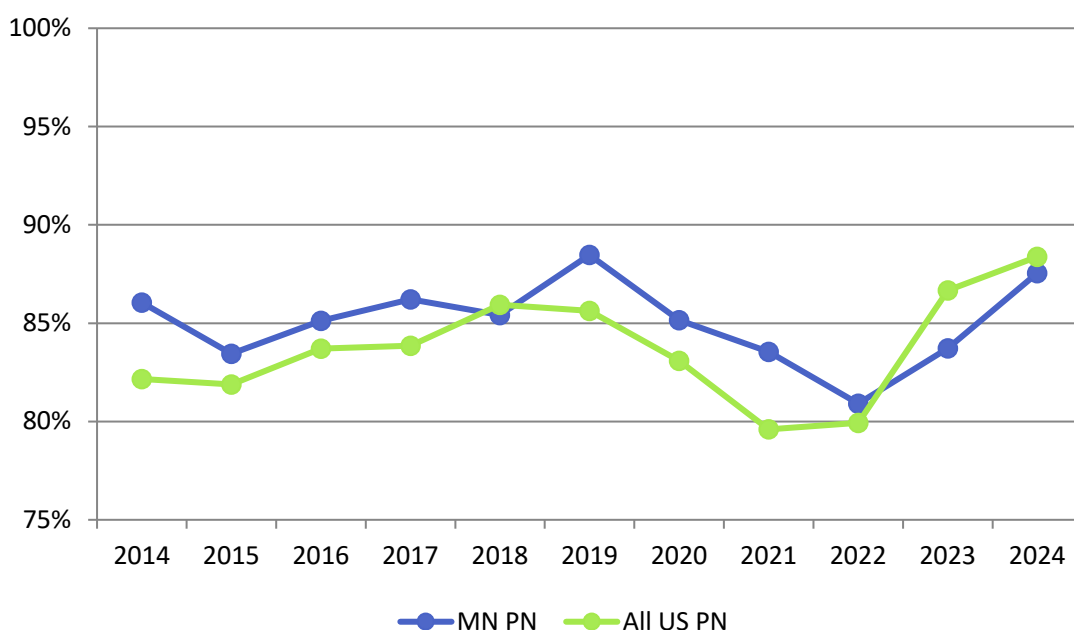
Associate degree nursing candidates from Minnesota nursing programs had an 88.86% first-time success rate for 2024 as compared to 90.63% for all United States associate degree candidates from U.S. programs (Figure 11). This year, Minnesota associate degree nursing program success rate is lower than the national average.

Figure 11. Comparison of first-time NCLEX® associate degree candidate success rates.
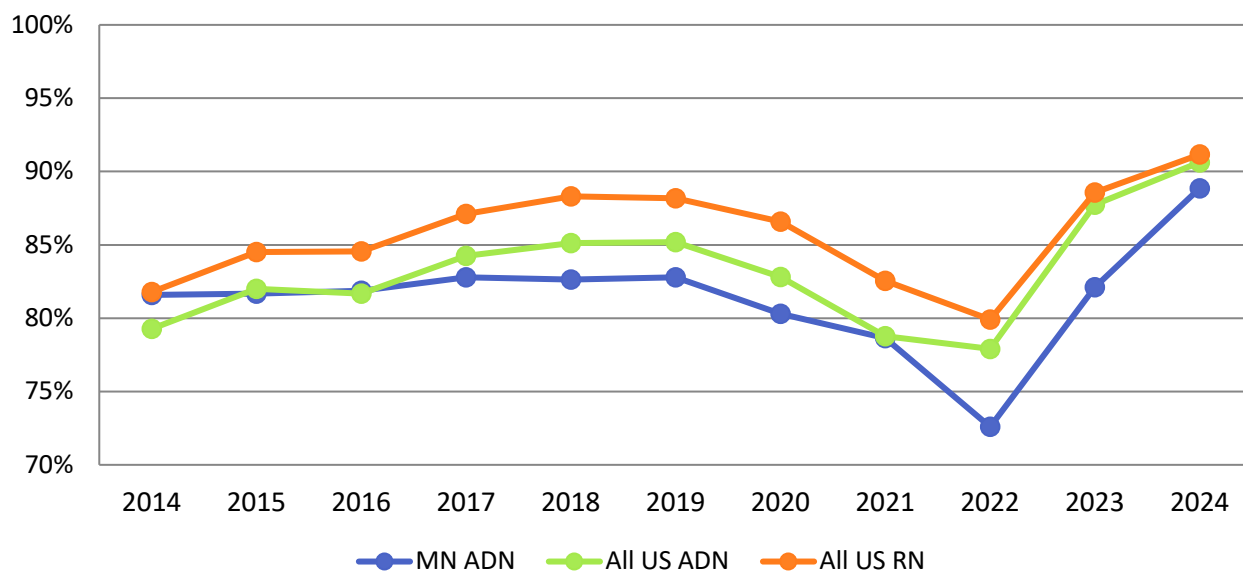
In considering Minnesota first-time success rates by type of associate degree nursing program, the mobility AD programs averaged higher first-time success rates than the generic AD programs for 2024 (Figure 12). The first-time success rate for mobility AD programs in 2024 was 94.85% whereas the generic AD programs success rate was 88.14%. Generic AD programs in Minnesota are below the national success rate of 90.63% for associate degree nursing programs for 2024.

Figure 12. Comparison of first-time NCLEX® success rates by associate degree program types.
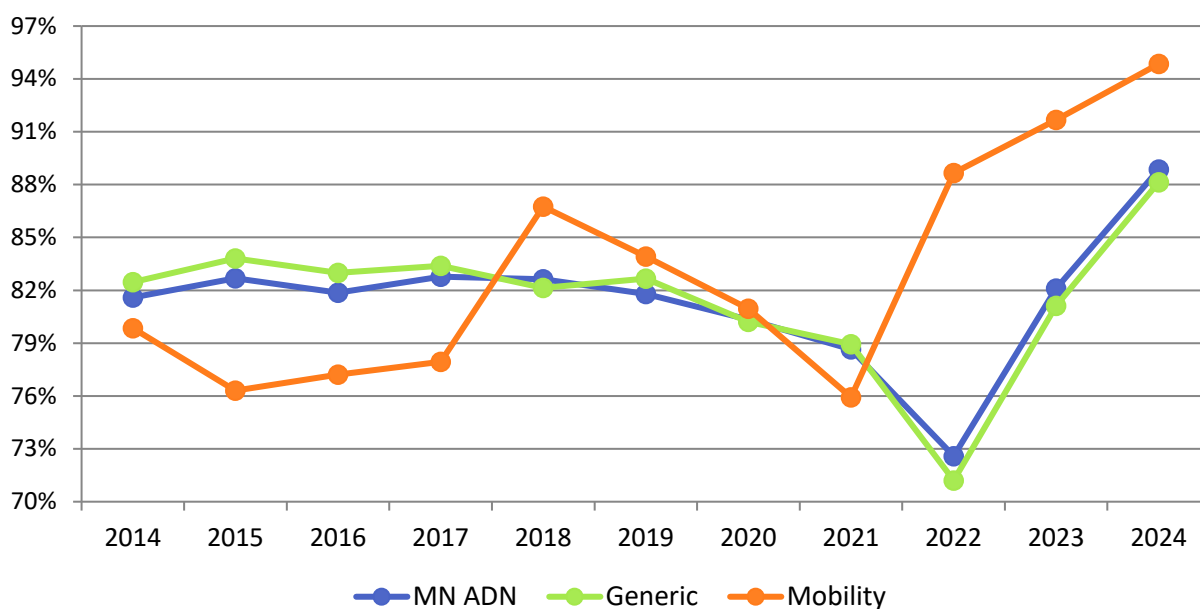
As illustrated in Figure 13, baccalaureate and higher degree candidates from Minnesota approved nursing programs had a 90.05% first-time success rate for 2024 as compared to 91.92% for all baccalaureate and higher degree candidates from U.S. programs. Minnesota baccalaureate and higher degree success rates are slightly lower than the national average.

Figure 13. Comparison of first-time NCLEX-RN® baccalaureate degree candidate success rates.
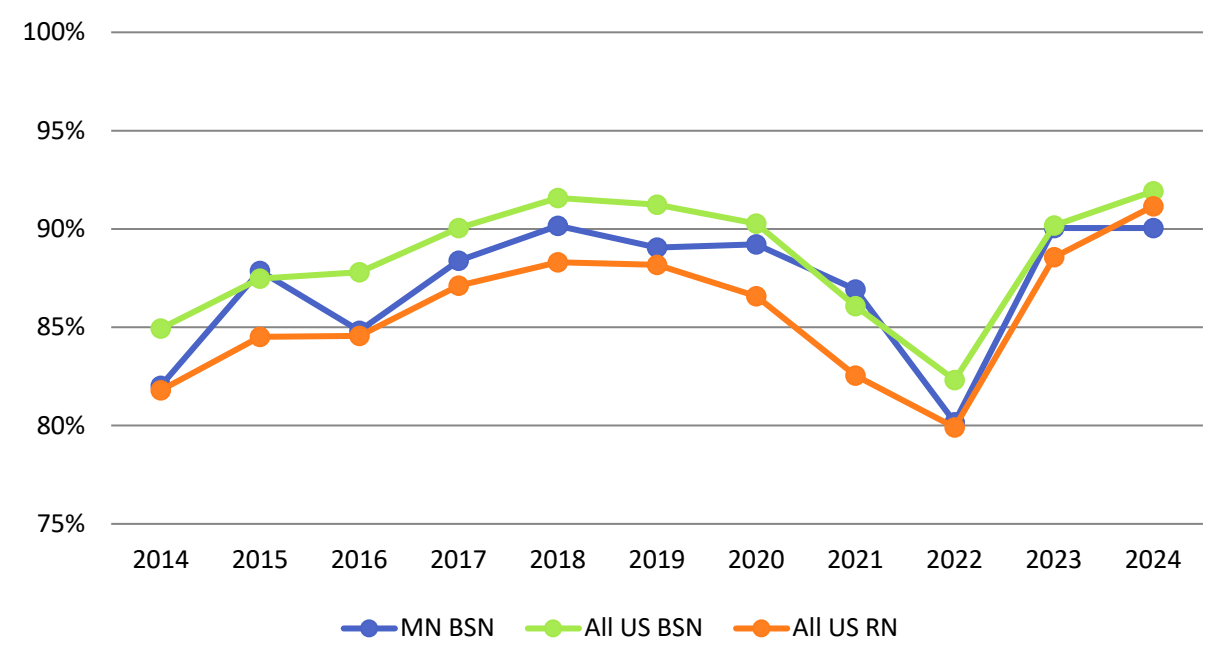
In summary, all NCLEX® success rate averages increased at both the state level and national level from 2023 to 2024.

Number of Times to Attain First-time NCLEX® Success

The Board does not restrict the number of times candidates for licensure by exam may retake the NCLEX® for Minnesota nurse licensure. However, Minn. Rule 6305.0400, Subp. 12.E., adopted October 23, 2017, requires a candidate to complete a review course if it has been five or more years since graduation or the applicant has not successfully passed the exam within five years of completing the program.

Table 4 depicts the number of attempts by Minnesota candidates of Minnesota programs before achieving success on the exam in recent years.

Table 4. Attempts by Minnesota Candidates to Achieve NCLEX® Success.

# of Attempts	PN Candidates			ADN Candidates			Baccalaureate Candidates			Master Candidates		
	2022	2023	2024	2022	2023	2024	2022	2023	2024	2022	2023	2024
1	559	540	540	1,610	1,579	1,448	964	1,219	1,185	134	136	157
2	58	50	38	263	184	119	150	95	77	10	8	5
3	23	21	16	91	114	36	38	32	14	4	3	4
4	9	11	7	40	52	22	13	25	6	1	1	3
5	4	9	3	29	45	15	2	16	4	1	0	0
6	2	4	3	15	28	8	4	8	2	0	0	0
7	4	2	5	9	4	4	2	6	0	0	0	0
8	1	0	1	2	9	8	2	2	0	0	1	0
9	0	1	1	3	6	8	0	1	0	0	0	0
10	1	0	0	2	5	4	0	0	0	0	0	0
11	0	0	1	1	5	1	0	0	0	0	0	0
12	0	0	0	0	3	2	0	0	0	0	0	0
13	0	0	1	0	3	1	0	1	1	0	0	0
14	0	0	1	1	1	2	1	0	1	0	0	0
15	0	0	0	0	2	1	0	0	0	0	0	0
Total	**661**	**638**	**617**	**2,067***	**2,041***	**1,682***	**1,176**	**1,405**	**1,290**	**150**	**149**	**169**

*In 2022 one ADN candidate attempted the exam more than 15 times before passing; in 2023 one ADN candidate attempted the exam more than 15 times before passing; and in 2024 three ADN candidates attempted the exam more than 15 times before passing.

ADA Accommodations for NCLEX® Examination

Applicants for licensure by exam have the option of requesting accommodations based on a documented disability, consistent with the provisions of the Americans with Disabilities Act. Requests are granted, partially granted, or denied based on a review of supporting documentation. Compared with 2019, there was a 52.15% increase in the total number of accommodation requests in 2024.

Table 5 reflects accommodation decisions processed by the Education Department.

Table 5. Accommodation Decisions for 2019 – 2024

Decision	2019	2020	2021	2022	2023	2024
Granted	120 (99.2%)	163 (99.4%)	173 (100%)	182 (99.5%)	226 (100%)	166 (100%)
Partially granted	1 (<1%)	0	0	1 (<1%)	0	0
Denied	0	1 (<1%)	0	0	0	0
Completed Accommodation Requests	121	164	173	183	226	166
Rescinded Accommodation Requests	88	131	109	150	153	152
Total Number of Accommodation Requests	209	295	282	333	379	318

MN Program Candidates Taking the NCLEX® in Other Jurisdictions

In 2024, 13.9% of candidates from Minnesota practical nursing programs, 10.4% of candidates from Minnesota associate degree professional nursing programs, and 11.3% of candidates from Minnesota baccalaureate and higher professional programs applied for licensure by exam in other jurisdictions (Figure 14). This is compared to the period from 2019 to 2023, when an average of 15.8% of Minnesota practical nursing candidates, 8.4% of Minnesota associate degree professional nursing candidates, and 10.7% of Minnesota baccalaureate and higher professional nursing candidates applied for licensure by exam in other jurisdictions.

In 2024, the percentage of graduates from associate degree programs applying for licensure by exam in other jurisdictions increased. The number of practical and baccalaureate and higher degree nursing graduates seeking licensure in other jurisdictions decreased. It is noteworthy there are Minnesota practical and associate degree nursing programs close to other state borders and graduates of these programs represent the highest percentage seeking licensure in other jurisdictions.

Figure 14. Minnesota program candidates applying for licensure by exam in other jurisdictions.
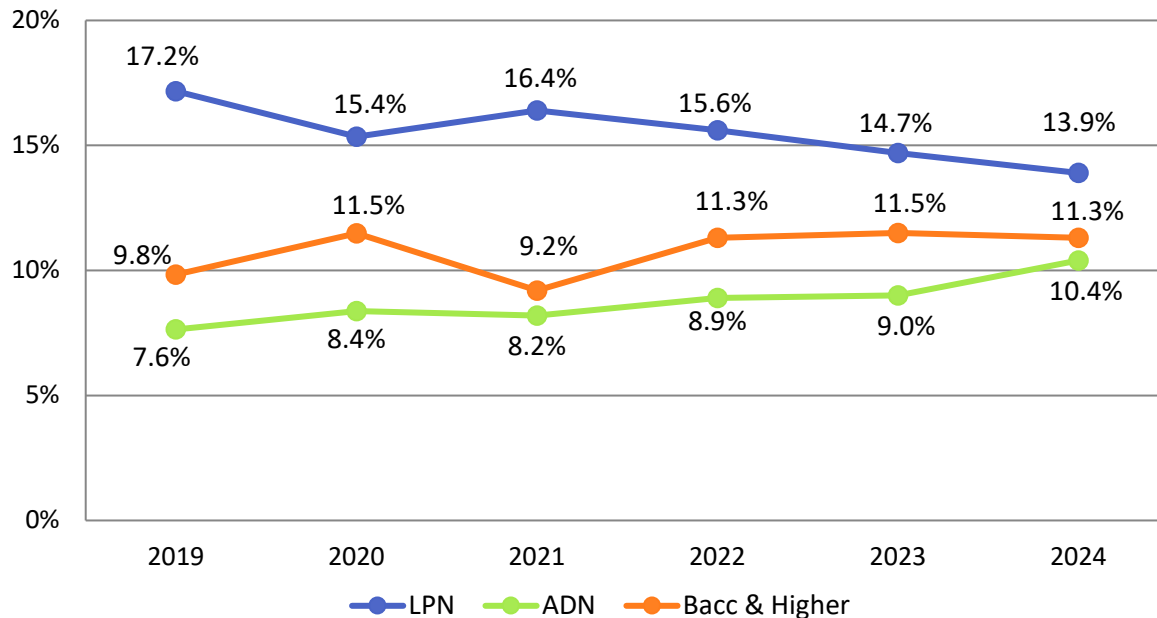
Figure 15 illustrates the proportion of Minnesota graduates who are educated at the associate, baccalaureate, and higher degree levels from 1970 – 2024. While meeting the IOM recommendation related to preparation at the baccalaureate level remains a challenge, it is encouraging to note the current rate of growth compared to the previous decade. Therefore, it appears Minnesota is making progress towards the 2029 IOM goal of an 80-20 ratio of baccalaureate prepared nurses to associate degree nurses.

Figure 15. Number of associate degree and baccalaureate and higher degree graduates.
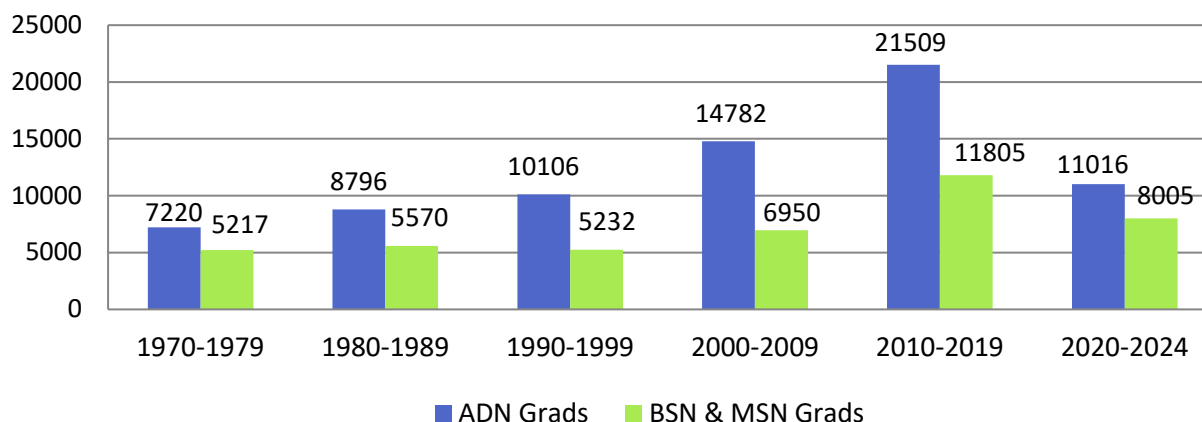
PART II: ADVANCED PRACTICE NURSING PROGRAMS

Approved Nursing Programs

As of December 31, 2024, there are 15 Board approved and accredited advanced practice nursing programs in Minnesota. (Appendix H)

Continuing Program Approval

Continuing approval was granted to the following program upon initial accreditation or renewal of accreditation:

- Mayo Clinic School of Health Sciences Doctor of Nurse Anesthesia Practice Program (COA)

National Nursing Accrediting Organizations:
ACEN – Accreditation Commission for Education in Nursing
CCNE – Commission on Collegiate Nursing Education
ACME- Accreditation Commission for Midwifery Education
COA - Council on Accreditation of Nurse Anesthesia Educational Programs

Report of Licensure and Credentials

Minnesota Rule 6301.2340 3. A. (8) addresses the requirements for nurse faculty who lead a specific track within an advanced practice nursing program. The nursing program must ensure advanced practice nursing program faculty who coordinate or lead a program track are:

(a) educationally prepared;
(b) nationally certified in the same role and population focus; and
(c) hold an unencumbered licensure as a registered nurse and as an advanced practice registered nurse with current registration in Minnesota.

All advanced practice nursing programs submitted evidence indicating compliance with the rule.

Minnesota Rule 6301.2340 specifies that nursing faculty have a major in nursing at the baccalaureate or graduate level and unencumbered licensure as a registered nurse with current registration in Minnesota. The nursing education program must:

3.A. (12) ensure advanced practice nursing program faculty have a graduate degree in a health-related field in a clinical specialty from a regionally or nationally accredited college or university recognized by the United States Department of Education, by the Council for Higher Education Accreditation or successors, or by a comparable organization if the graduate-level degree is from a foreign country;

Program Directors submitted evidence demonstrating programs are in compliance with the requirement that all nursing faculty have an unencumbered Minnesota registered nurse license and current registration.

Appendix I provides information on the number of faculty teaching at each advanced practice nursing program (Appendix I, Table 5). During calendar year 2024, the majority of faculty teaching at an advanced practice program were employed part time, providing flexibility in faculty scheduling. Appendix I, Table 7 provides the highest academic credential as well as the highest APRN credential earned by faculty.

REPORT OF MINNESOTA ADVANCED PRACTICE GRADUATES

In October 2024, advanced practice nursing program directors reported the number of students that were admitted and completed the program during the fiscal year, July 1st through June 30th (Appendix J). Figure 16 depicts the 2020-2024 advanced practice program graduates by role. Figure 17 depicts the 2020-2024 advanced practice program graduates by population.

Figure 16. Number of advanced practice program graduates by role.

	Nurse Practitioner	Nurse Midwife	Nurse Anesthetist	Clinical Nurse Specialist
2020	3508	23	102	10
2021	3413	32	104	8
2022	3964	56	134	27
2023	4026	49	110	24
2024	3949	42	141	26
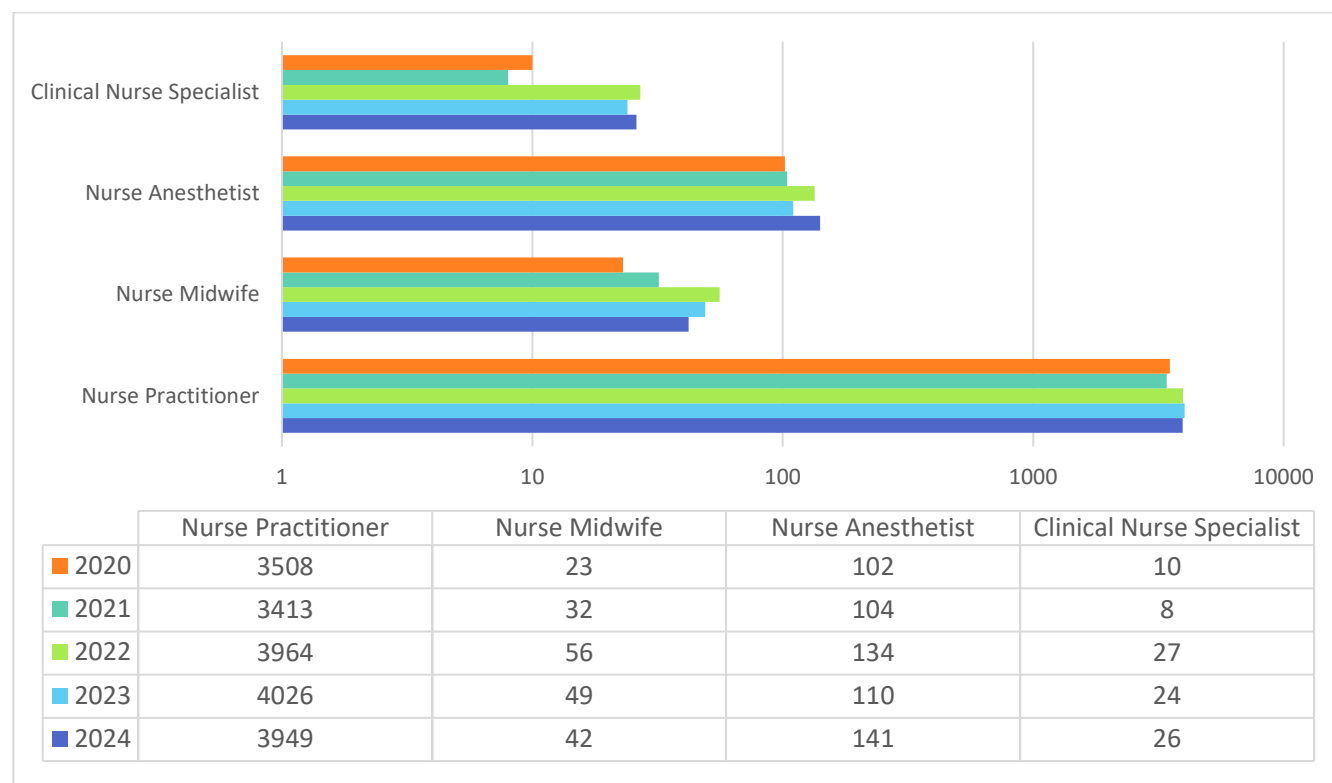
*One Minnesota approved online advanced practice program, which serves students in all 50 states, reflects 91.1% of all Nurse Practitioner graduates in 2024.

Figure 17. Number of advanced practice program graduates by population.

	WHCNP	PMHNP	PED CNP	FNP	AG CNS	AG CNP
2020	7	979	13	1581	10	928
2021	15	1218	26	1348	8	806
2022	30	1549	27	1474	22	884
2023	30	2025	31	1200	19	740
2024	31	2077	52	1140	24	649

AG CNP = Adult/Gerontological Nurse Practitioner   FNP = Family Nurse Practitioner
PED CNP = Pediatric Nurse Practitioner   PMHNP = Psychiatric Mental Health Nurse Practitioner
WHCNP = Women's Health Care Nurse Practitioner   AG CNS = Adult/Gerontological Clinical Nurse Specialist
PED CNS = Pediatric Clinical Nurse Specialist

- CNM and CRNA are not included in Figure 17 as CNM is exclusively women's population and CRNA is family population
- PED CNS is not included in Figure 17 as there are 5 or less graduates per year
- Neonatal Nurse Practitioner (NNP) and Neonatal Clinical Nurse Specialist (NCNS) are not included in Figure 17 as Minnesota programs do not currently offer either program
- Family, women's or mental health CNS are not listed as there is no longer a certification exam and the roles are being phased out

Minnesota Office of Rural Health and Primary Care (ORHPC) Survey

Demographics of APRN Graduates in Minnesota

The ORHPC data reflected in this report was pulled from data collected between January 1, 2023 – December 31, 2024.

As depicted in Figure 18, males make up 14.6% of advanced practice registered nurses in Minnesota.

Figure 18. Advanced Practice Registered Nurse Gender
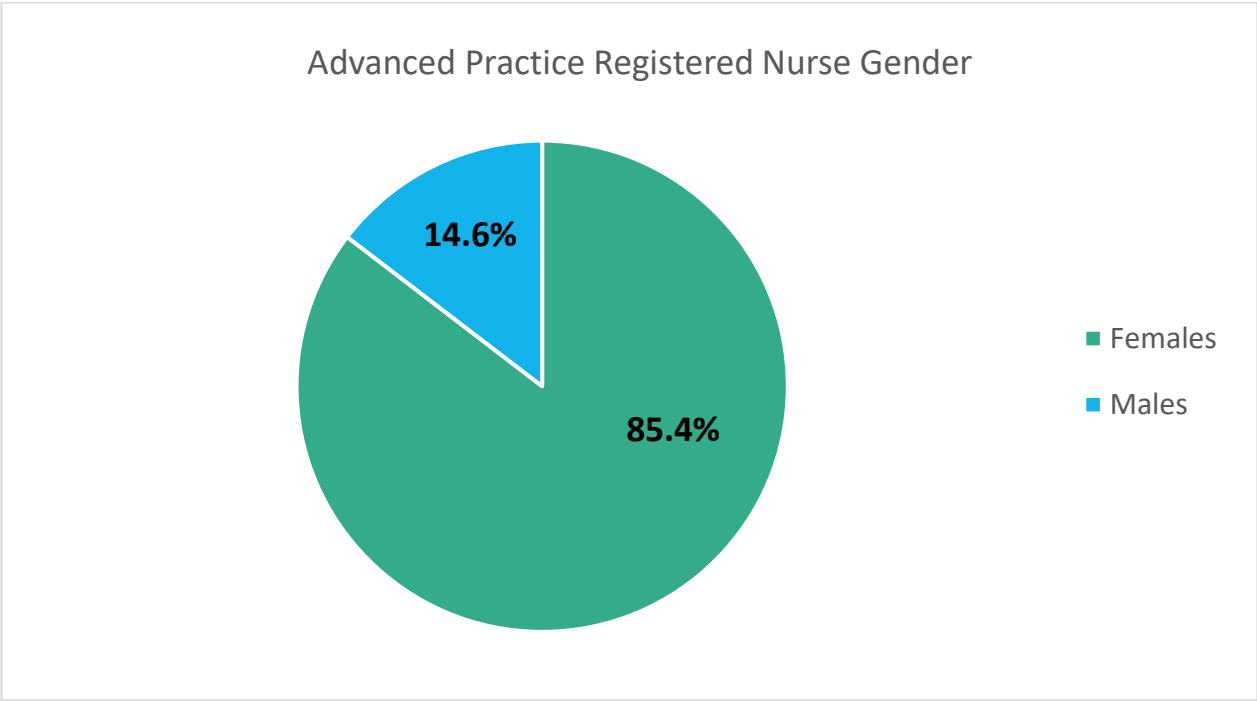
Advanced Practice Registered Nurse Gender

14.6%

85.4%

■ Females
■ Males

*APRNs responding to Minnesota Department of Health, Office of Rural Health and Primary Care Survey responses between January 1, 2023 – December 31, 2024.

Between 2020 and 2024, an average of 14.0% of advanced practice registered nurses in Minnesota self-reported as an ethnic minority (ORHPC). The percentage of non-white advanced practice registered nurses has increased from 10.7% in 2020 to 16.1% in 2024, as shown in Figure 19.

Figure 19. Diversity in Minnesota advanced practice registered nurses
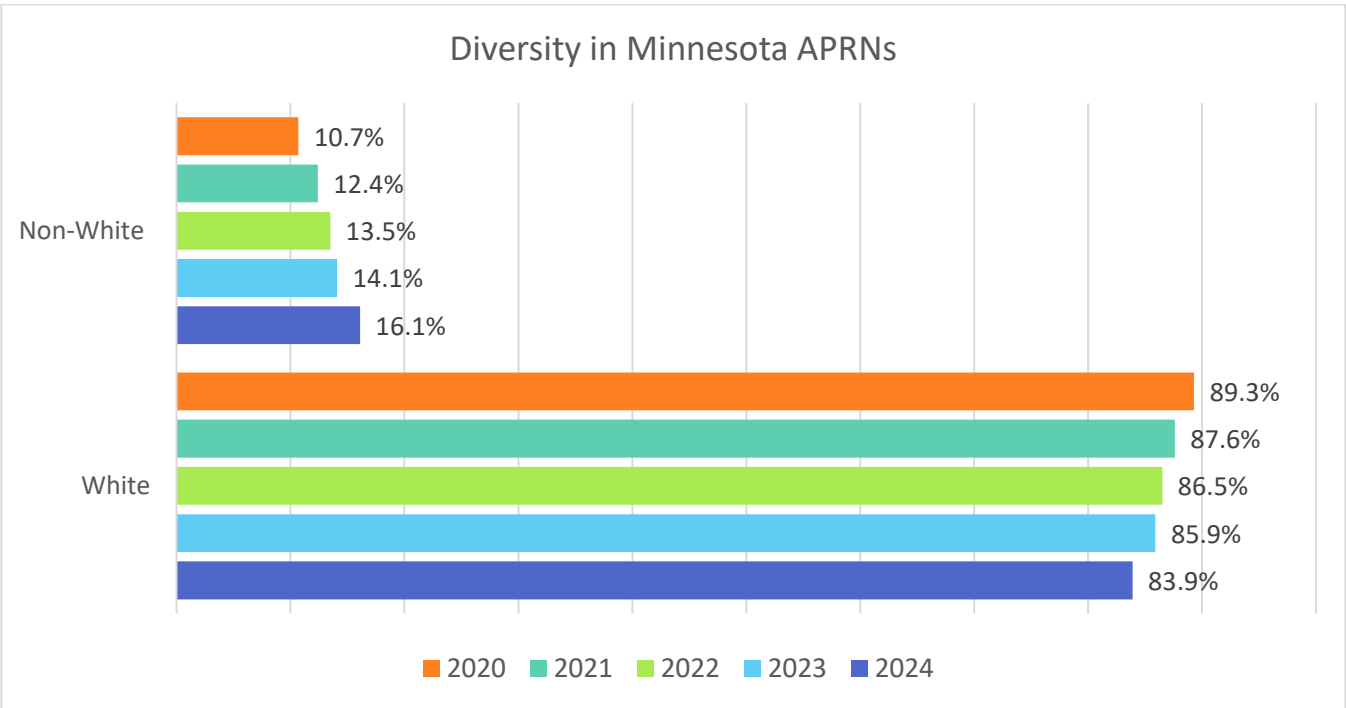
Diversity in Minnesota APRNs

Non-White
- 10.7%
- 12.4%
- 13.5%
- 14.1%
- 16.1%

White
- 89.3%
- 87.6%
- 86.5%
- 85.9%
- 83.9%

■ 2020 ■ 2021 ■ 2022 ■ 2023 ■ 2024

*APRNs responding to Minnesota Department of Health, Office of Rural Health and Primary Care Surveys 2020-December 31, 2024.

Figure 20 summarizes the highest nursing degrees earned as self-reported by advanced practice registered nurses responding to the Minnesota Department of Health, Office of Rural Health and Primary Care (ORHPC) surveys between 2020 – 2024. Existing data collection strategies in Minnesota make obtaining an accurate number of nurses who return for additional degrees challenging.

Figure 20. Highest nursing degrees earned by advanced practice nurses in Minnesota
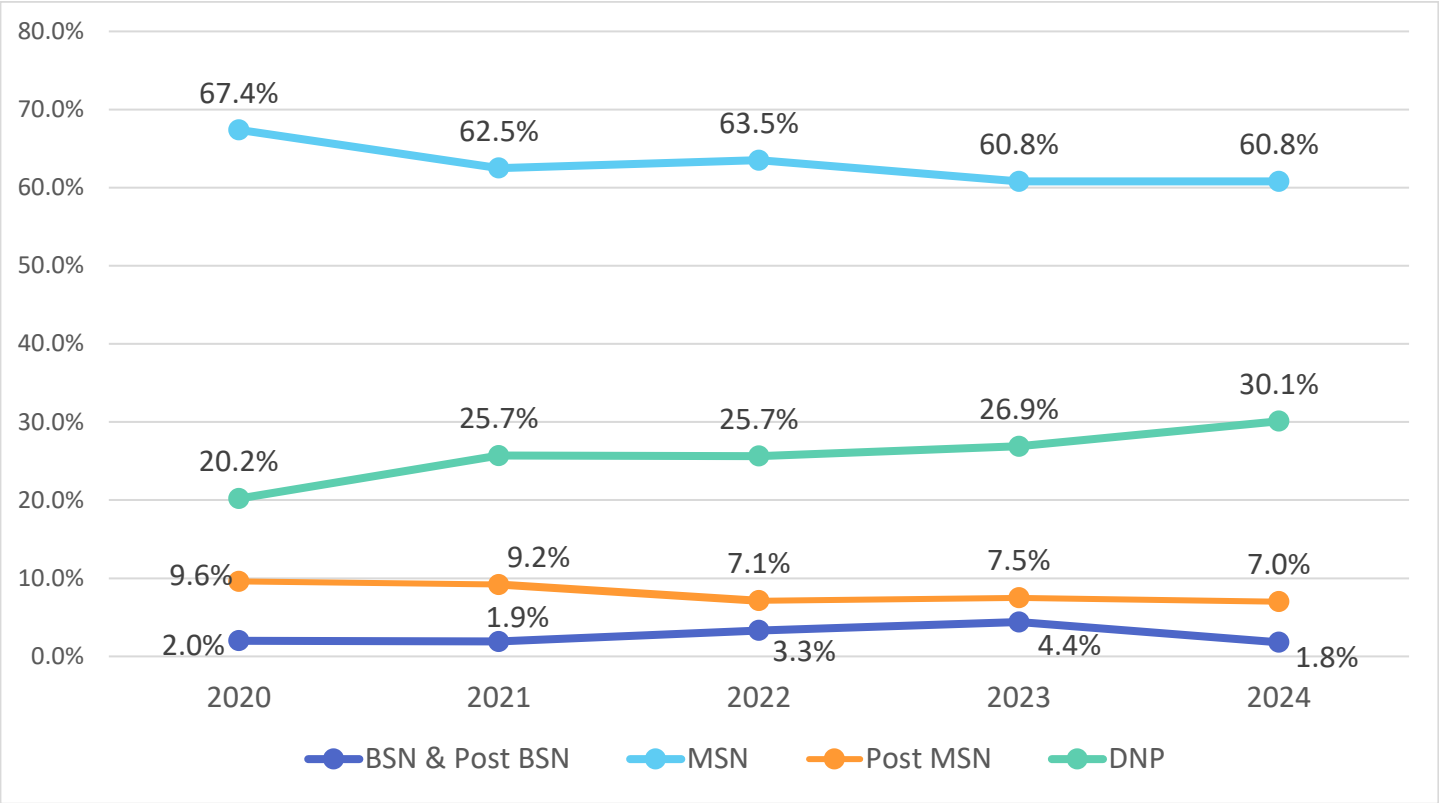
*APRNs responding to Minnesota Department of Health, Office of Rural Health and Primary Care surveys 2020-December 31, 2024.

REPORT OF CERTIFICATION RESULTS

Certification Success Rates for Minnesota Advanced Practice Programs

Minnesota advanced practice nursing programs' first-time certification exam success rates are displayed in Appendix K, Table 8 for years 2020 - 2023. The national average success rates for the certifying exams by organizations that are accepted by the board are presented in Appendix K, Table 9.

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Appendix A1

Minnesota Practical & Professional Licensure-Preparing Nursing Programs

SCHOOL	LOCATION	PRACTICAL	PROFESSIONAL	
			ASSOCIATE DEGREE (available tracks)	BACHELOR/HIGHER DEGREE (available tracks)
Alexandria Tech/Comm College	Alexandria	X	LPN	
Anoka-Ramsey Comm College	Coon Rapids/Cambridge		X	
Anoka Technical College	Anoka	X		
Bemidji State University	Bemidji			X, RN-BSN*
Bethany Lutheran College	Mankato	`		X
Bethel University	St Paul			X, RN-BSN*
Central Lakes College	Brainerd/Staples	X	X	
Century College	White Bear Lake		X	
College of St Benedict/St John's University	St Joseph			X
College St Scholastica	Duluth			X, PB, RN-BSN*
Concordia College - Moorhead	Moorhead			X, PB
Concordia University –St. Paul	St. Paul			X, RN to BSN*
Crown College	St Bonifacius			X, RN-BSN*
Dakota Co Technical College	Rosemount	X		
Fond du Lac Tribal College	Cloquet		X	
Gustavus Adolphus College	St Peter			X
Hennepin Technical College	Eden Prairie/Brooklyn Park	X		
Herzing University	Crystal			X
Inver Hills Community College	Inver Grove Heights		X	
Lake Superior College	Duluth	X	X	
Metropolitan State University	St Paul			X, RN-BSN*
Metropolitan State University	St Paul			Master of Nursing
Minneapolis Comm/Tech College	Minneapolis		X	
Minnesota North College	Eveleth, Grand Rapids, Hibbing, International Falls	X	X	
MN State College - Southeast	Winona/Red Wing	X	X	
MN State Comm/Tech College	Detroit Lakes, Fergus Falls, Moorhead, Wadena	X	X	

Key

X: Generic program, grants advanced standing to LPNs

LPN: Mobility programs for LPNs only

PB: Accepts those who obtained a baccalaureate in another field

LPN-BSN: Offers professional nursing tracks for LPNs

RN-BSN: Offers RN to BSN program

Master of Nursing: A licensure preparing program taught at the master's level

*Board does not approve non-licensure preparing nursing programs; not an exhaustive list of RN-to-BSN programs offered in Minnesota

SCHOOL	LOCATION	PRACTICAL	PROFESSIONAL	
			ASSOCIATE DEGREE (available tracks)	BACHELOR/HIGHER DEGREE (available tracks)
MN State University, Mankato	Mankato			X, RN-BSN*
MN State University, Moorhead	Moorhead			X, RN-BSN*
MN West Comm/Tech College	Worthington, Pipestone, Granite Falls	X	LPN	
Normandale Community College	Bloomington		X	
North Hennepin Community College	Brooklyn Park		X	
Northland Comm/Tech College	East Grand Forks, Thief River Falls	X	LPN	
Northwest Technical College - Bemidji	Bemidji	X	X	
Pine Technical College	Pine City	X	LPN	
Rasmussen University	Bloomington, Mankato			X, RN-BSN*
Rasmussen University – Eagan	Eagan	X		
Rasmussen University – Mankato	Mankato	X	X	
Rasmussen University – Moorhead	Moorhead	X	X	
Rasmussen University – St Cloud	St Cloud	X	X	
Ridgewater College	Willmar/Hutchinson	X	X	
Riverland Community College	Austin	X	X	
Rochester Comm/Tech College	Rochester	X	X	
Saint Mary's University of Minnesota	Winona			X, RN-BSN*
Saint Paul College	St Paul	X		
South Central College	North Mankato/Faribault	X	X	
St Catherine University	St Paul			X, RN-BSN*
St Catherine University	St Paul			Master of Nursing
St Cloud State University	St Cloud			X, RN-BSN
St Cloud Tech/Comm College	St Cloud	X	LPN	
St Olaf College	Northfield			X
University of Minnesota	Minneapolis/Rochester			X
University of Minnesota	Minneapolis			Master of Nursing
University of Northwestern- St. Paul	St. Paul			X
University of St. Thomas	Minneapolis			X, Master of Nursing
Winona State University	Winona/Rochester			X, RN-BSN*

Key
X: Generic program, grants advanced standing to LPNs
LPN: Mobility programs for LPNs only
PB: Accepts those who obtained a baccalaureate in another field
LPN-BSN: Offers professional nursing tracks for LPNs
RN-BSN: Offers RN to BSN program
Master of Nursing: A licensure preparing program taught at the master's level
*Board does not approve non-licensure preparing nursing programs; not an exhaustive list of RN-to-BSN programs offered in Minnesota

Minnesota Department of Employment and Economic Development (DEED) Regional Map
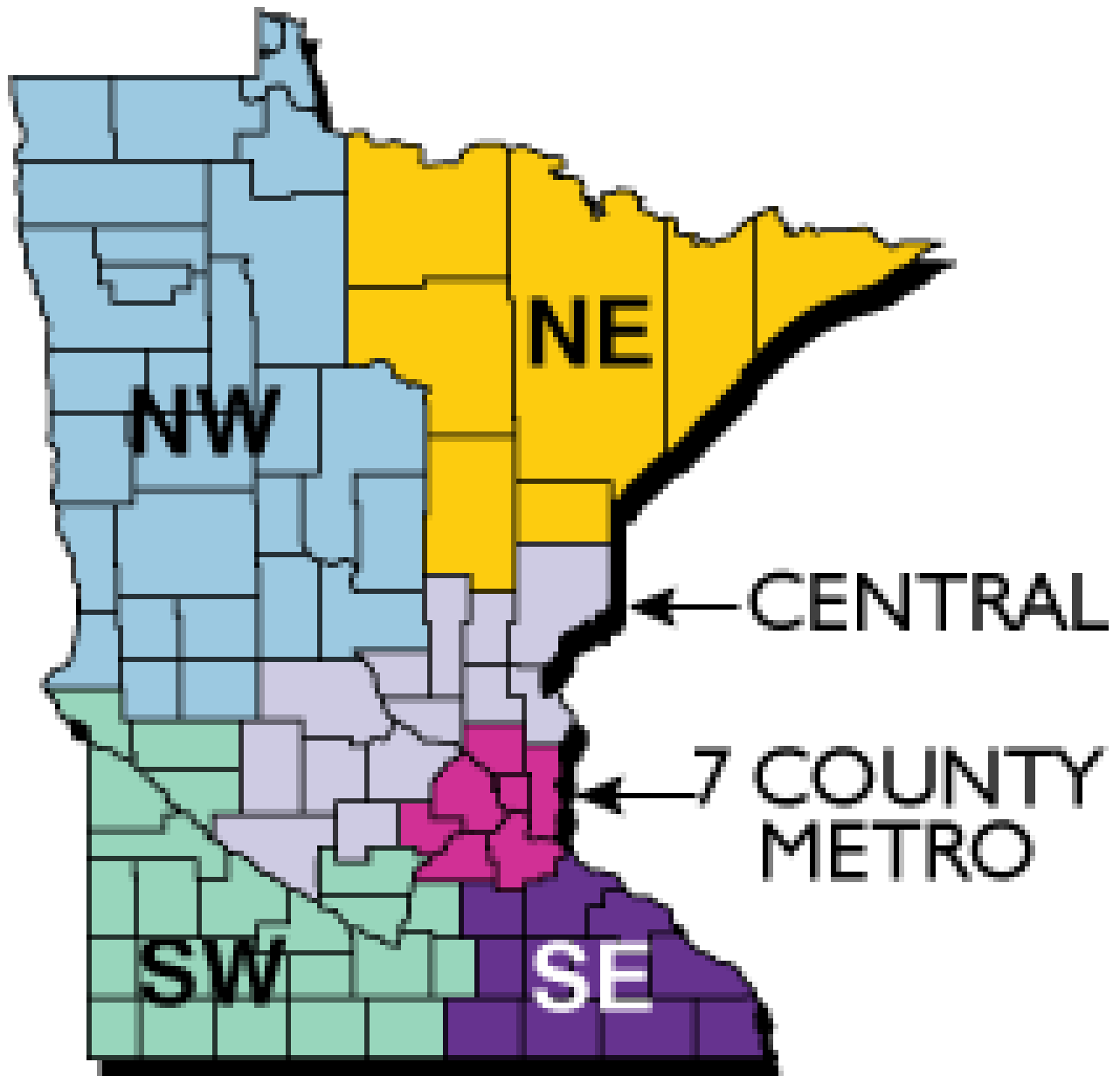
Faculty Teaching in Practical and Professional Minnesota Nursing Programs

Table 1. Faculty Teaching in Minnesota Nursing Programs.

Faculty teaching in:	Number of faculty				
	2020	2021	2022	2023	2024
All Nursing Programs	1,329	1,196	1,231	1,222	1,254
Associate Degree	498 (37.5%)	422 (35.3%)	431 (35%)	412 (33.7%)	400 (31.9%)
Baccalaureate	542 (40.8%)	530 (44.3%)	569 (46.2%)	552 (45.2%)	580 (46.3%)
Masters Entry	41 (3.2%)	49 (4.1%)	54 (4.4%)	66 (5.4%)	78 (6.2%)
Practical Nursing	222 (18.7%)	195 (16.3%)	177 (14.4%)	192 (15.7%)	196 (15.6%)

Table 2. Unduplicated Practical and Professional Programs Faculty Count: Faculty Credentials.

Faculty Credential (N) designates a major in Nursing	Highest degree earned					Highest nursing degree earned				
	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024
Post Doctorate Certificate	1	2	1	1	1	-	-	-	-	-
APRN Post Master's	9	5	11	4	3	8	4	8	4	4
PhD (N)	77	62	64	68	68	78	63	65	69	69
Doctorate (N)	159	160	164	191	208	159	161	164	191	208
Doctorate	31	33	31	29	32	-	-	-	-	-
Masters (N)	559	549	550	533	507	589	583	584	560	536
Masters	20	23	16	17	19	-	-	-	-	-
Baccalaureate (N)	207	214	235	226	251	229	237	251	245	272
Baccalaureate	-	-	-	1	-	-	-	-	-	-
Associate Degree (N)	-	-	1	5	-	-	-	1	3	-
Total number of faculty	1063	1048	1073	1072	1089	1063	1048	1073	1072	1089

Faculty Teaching in Practical and Professional Minnesota Nursing Programs

Table 3. Faculty Employment Status.

	Faculty teaching:				Total number of faculty
	Full time in program	Part time in program	Full time at college	Part time at college	
2020	402 (30.3%)	927 (69.8%)	748 (56.3%)	581 (43.7%)	**1,329**
2021	402 (33.6%)	794 (66.4%)	650 (54.4%)	546 (45.7%)	**1,196**
2022	436 (35.4%)	795 (64.6%)	646 (52.5%)	585 (47.5%)	**1,231**
2023	425 (34.8%)	797 (65.2%)	645 (52.8%)	577 (47.2%)	**1,222**
2024	422 (33.7%)	832 (66.4%)	648 (51.7%)	606 (48.3%)	**1,254**

Table 4. Unduplicated Count: Faculty Employment Status.

	Faculty teaching:				Total number of faculty
	Full time in program	Part time in program	Full time at college	Part time at college	
2020	395 (37.2%)	668 (62.8%)	597 (56.2%)	466 (43.8%)	**1,063**
2021	395 (37.7%)	653 (62.3%)	555 (53.0%)	493 (47.0%)	**1,048**
2022	426 (39.7%)	647 (60.3%)	560 (52.2%)	513 (47.8%)	**1,073**
2023	418 (38.9%)	654 (61.0%)	560 (52.2%)	512 (47.8%)	**1,072**
2024	415 (38.1%)	674 (61.9%)	557 (51.2%)	532 (48.9%)	**1,089**

Number of Faculty in Minnesota Practical and Professional Nursing Programs

Program Name	2020	2021	2022	2023	2024
Associate Degree Professional Nursing Programs	*498*	*422*	*431*	*413*	*400*
Alexandria Technical and Community College	5	5	5	4	4
Anoka-Ramsey Community College	31	35	26	29	23
Central Lakes College	12	12	10	11	9
Century Community College	20	20	18	20	24
Fond du Lac Tribal and Community College	7	6	6	4	10
Inver Hills Community College	20	21	21	22	25
Lake Superior College	20	23	25	22	19
Minneapolis Community and Technical College	19	18	16	14	14
Minnesota North College *(formerly Hibbing)*	16	14	14	11	13
Minnesota State College – Southeast	1	3	11	13	15
Minnesota State Community and Technical College	11	12	10	11	12
Minnesota West Community and Technical College	10	8	5	7	6
Normandale Community College	22	18	16	15	13
North Hennepin Community College	17	18	16	18	19
Northland Community and Technical College	7	6	6	6	6
Northwest Technical College-Bemidji	9	9	10	10	16
Pine Technical and Community College	5	6	5	6	4
Rasmussen University – Bloomington**	90	48	67	46	-
Rasmussen University - Mankato	31	16	29	18	22
Rasmussen University - Moorhead	37	21	19	24	23
Rasmussen University – St. Cloud	31	22	19	20	47
Ridgewater College	18	17	17	15	14
Riverland Community College	6	7	9	11	10
Rochester Community and Technical College	30	33	27	29	29
South Central College	18	19	19	18	17
St Cloud Technical and Community College	5	5	5	9	6
Baccalaureate Nursing Programs	*542*	*530*	*569*	*552*	*580*
Bemidji State University	13	14	14	9	9
Bethany Lutheran College	5	5	5	4	4
Bethel University	44	40	36	39	41
College of St. Benedict/St. John's University	19	21	23	23	17
College of St. Scholastica	38	37	43	40	43
Concordia College Moorhead	12	9	8	10	9
Concordia University St. Paul	7	20	39	41	51
Crown College	5	7	7	8	8
Gustavus Adolphus College	16	16	17	13	16
Herzing University	22	48	50	63	44
Metropolitan State University	37	39	34	22	16
Minnesota State University, Mankato	44	41	44	46	58
Minnesota State University, Moorhead	5	11	12	13	7
Rasmussen University Baccalaureate Program	72	26	43	37	38
Saint Mary's University of Minnesota*	-	1	1	5	14

Program Name	2020	2021	2022	2023	2024
St Catherine University	62	62	68	63	62
St Cloud State University	27	26	22	22	26
St. Olaf College	5	6	6	6	6
University of Minnesota	30	24	24	23	28
University of Northwestern – St Paul	34	43	32	29	33
University of St. Thomas*	-	1	6	2	14
Winona State University	45	33	35	34	36
Entry Level Master of Nursing Programs	*41*	*49*	*54*	*66*	*78*
Metropolitan State University	12	17	13	13	16
St. Catherine University	20	22	26	25	29
University of Minnesota	9	9	8	12	13
University of St. Thomas*	-	1	7	16	20
Practical Nursing Programs	*248*	*195*	*177*	*191*	*196*
Alexandria Technical and Community College	8	8	9	7	8
Anoka Technical College	8	8	7	11	7
Central Lakes College	4	4	4	3	3
Dakota County Technical College	4	5	6	8	9
Hennepin Technical College	11	10	11	9	6
Lake Superior College	8	9	8	12	9
Mesabi Range Community and Technical College***	4	6	-	-	-
Minnesota North College *(formerly Itasca)*	5	5	9	8	7
Minnesota State College-Southeast Technical	8	9	6	3	3
Minnesota State Community and Technical College	8	9	6	9	8
Minnesota West Community and Technical College	10	6	5	5	6
Northland Community and Technical College	13	10	10	10	9
Northwest Technical College-Bemidji	4	4	6	4	9
Pine Technical and Community College	7	4	5	7	6
Rasmussen University – Brooklyn Park **	21	12	-	-	-
Rasmussen University - Eagan	19	10	8	14	20
Rasmussen University - Mankato	15	13	9	7	10
Rasmussen University - Moorhead	15	8	9	9	14
Rasmussen University – St. Cloud	15	10	9	8	6
Ridgewater College	13	10	9	9	7
Riverland Community College	8	4	7	6	8
Rochester Community and Technical College	8	6	6	6	7
Saint Paul College	11	4	11	9	6
South Central College	9	12	8	11	11
St Cloud Technical and Community College	12	9	9	16	17
Total	**1,329**	**1,196**	**1,231**	**1,222**	**1,254**

* new program; **closed program; ***In 2022, Mesabi Range College closed as a separate program and merged with Minnesota North College

Number of Minnesota Program Graduates
Preparing for Practical Nurse Licensure for
Fiscal Years 2019-2024

Practical Nursing Program	2019	2020	2021	2022	2023	2024
Alexandria Technical and Community College	47	54	67	55	64	42
Anoka Technical College	61	65	42	47	33	58
Central Lakes College	35	22	24	17	10	33
Dakota County Technical College	60	55	46	48	44	41
Fond du Lac Tribal & Community College*	9	-	-	-	-	-
Hennepin Technical College	39	41	55	45	35	16
Lake Superior College	23	31	21	11	15	18
Mesabi Range Community & Technical College**	28	27	27	-	-	-
Minnesota North College *(formerly Itasca)*	26	25	26	25	31	21
MN State College-SE Technical	42	47	34	41	8	4
MN State Community & Technical College	58	44	56	55	36	59
MN West Community & Technical College	48	46	32	14	25	28
Northland Community & Technical College	125	104	112	111	75	81
Northwest Technical College, Bemidji	16	10	10	10	13	21
Pine Technical College	37	38	53	32	30	28
Rasmussen University – Brooklyn Park/Maple Grove*	48	38	32	-	-	-
Rasmussen University - Eagan	48	42	29	27	61	51
Rasmussen University - Mankato	28	33	33	28	19	12
Rasmussen University - Moorhead	53	40	31	29	21	12
Rasmussen University – St. Cloud	30	22	9	13	7	8
Ridgewater College	23	25	36	16	16	21
Riverland Community College	28	43	53	39	40	13
Rochester Community & Technical College	26	39	26	27	21	19
Saint Paul College	61	64	67	16	63	35
South Central College	2	19	16	26	16	21
St Cloud Technical & Community College	100	93	80	76	67	76
Total	1,101	1,067	1,017	808	750	718

*Closed Program
**In 2022, Mesabi Range College closed as a separate program and merged with Minnesota North College

Number of Minnesota Associate Degree
Program Graduates Preparing for
Registered Nurse Licensure for Fiscal Years 2019-2024

Associate Degree Nursing Program	2019	2020	2021	2022	2023	2024
Alexandria Technical and Community College	25	31	17	25	26	24
Anoka-Ramsey Community College	178	192	149	146	100	91
Central Lakes College	61	67	75	97	81	82
Century Community College	126	118	113	97	91	107
Fond du Lac Tribal & Community College	23	22	22	27	11	14
Inver Hills Community College	85	80	91	92	83	72
Lake Superior College	112	102	111	101	104	114
Minneapolis Community & Technical College	67	85	90	95	94	83
Minnesota North College *(formerly Hibbing)*	75	68	50	47	72	72
MN State College Southeast *(new)***	-	-	-	-	30	33
MN State Community & Technical College	80	68	76	84	54	55
MN West Community & Technical College	69	73	56	21	13	23
Normandale Community College	79	81	82	60	64	78
North Hennepin Community College	93	93	94	57	52	61
Northland Community & Technical College	67	78	65	65	62	67
Northwest Technical College – Bemidji	44	48	81	74	69	94
Pine Technical College	22	40	29	28	42	36
Rasmussen University – Blaine*	201	-	-	-	-	-
Rasmussen University – Bloomington*	292	381	452	597	513	168
Rasmussen University - Mankato	86	105	102	106	106	68
Rasmussen University - Moorhead	95	138	105	120	100	81
Rasmussen University – St. Cloud	129	112	120	152	92	52
Ridgewater College	89	43	84	78	80	76
Riverland Community College	0	36	28	28	54	37
Rochester Community & Technical College	121	114	112	110	108	117
South Central College	39	62	53	56	49	54
St Cloud Technical & Community College	50	49	50	50	49	52
Total	2,308	2,286	2,307	2,413	2,199	1,811
Grand Total (All Minnesota program graduates preparing for registered nurse licensure)	3,651	3,743	3,883	3,929	3,936	3,530

*Closed Program

**New Program

Number of Minnesota Baccalaureate and
Higher Degree Program Graduates Preparing for
Registered Nurse Licensure for Fiscal Years 2019-2024

Baccalaureate & Higher Degree Nursing Program	2019	2020	2021	2022	2023	2024
Bemidji State University	48	49	43	37	46	39
Bethany Lutheran College	4	3	3	2	3	2
Bethel University	65	68	77	57	79	77
College of St. Benedict/St. John's University	50	59	53	55	68	66
College of St. Scholastica	185	164	182	181	224	188
Concordia College	38	37	39	37	31	30
Concordia University	13	31	32	17	51	74
Crown College	12	16	8	11	13	6
Gustavus Adolphus College	28	32	30	29	31	31
Herzing University	17	63	98	104	118	134
Metropolitan State University, Baccalaureate	25	31	32	32	87	66
Metropolitan State University, Master	27	21	28	30	29	23
Minnesota State University, Mankato	82	74	94	95	106	115
Minnesota State University, Moorhead**	-	-	-	-	49	47
Presentation College*	11	-	-	-	-	-
Rasmussen University	127	148	113	126	122	109
Saint Mary's University of Minnesota**	-	-	-	-	-	-
St Catherine University, Baccalaureate	86	89	122	105	115	119
St. Catherine University, Master	44	54	46	62	63	63
St Cloud State University	71	84	81	73	74	54
St. Olaf College	20	24	24	24	24	24
University of Minnesota, Baccalaureate	123	121	174	134	134	135
University of Minnesota, Master	63	62	62	67	57	61
University of Northwestern – St Paul	62	65	75	81	54	42
University of St. Thomas, Baccalaureate**	-	-	-	-	-	-
University of St. Thomas, Master**	-	-	-	-	-	36
Winona State University	142	162	160	157	159	178
Total	1,343	1,457	1,576	1,516	1,737	1,719
Grand Total (All Minnesota program graduates preparing for registered nurse licensure.)	3,651	3,743	3,883	3,929	3,936	3,530

*Closed program
**New Program

Number of Advanced Standing Credits
Granted to Licensed Practical Nurses by
Professional Associate Degree Nursing Programs in FY2024

Associate Degree Nursing Program	# of LPN admitted	Total # of nursing credits required for graduation	Number of Advanced Standing Credits Granted
Alexandria Technical & Community College	36	26	8
Anoka-Ramsey Community College	9	30	5
Central Lakes College	22	25	8
Century Community College	10	31	5
Fond du Lac Tribal & Community College	9	35	5
Inver Hills Community College	6	34	5
Lake Superior College	14	25	8
Minneapolis Community & Technical College	5	34	5
Minnesota North College	38	21	13
Minnesota State College Southeast	19	34	5
Minnesota State Community & Technical College	32	34	11
Minnesota West Community & Technical College	45	28	6
Normandale Community College	4	35	5
North Hennepin Community College	5	35	5
Northland Community & Technical College	65	34	13
Northwest Technical College-Bemidji	60	34	6
Pine Technical College	36	28	6
Rasmussen University - Mankato*	18	60	12
Rasmussen University – Moorhead*	24	60	12
Rasmussen University – St. Cloud*	29	60	12
Ridgewater College	3	34	5
Riverland Community College	8	30	5
Rochester Community & Technical College	20	34	6
South Central College	8	32	4
St. Cloud Technical & Community College	52	24	9
Total Number of LPNs Admitted:	**577**		

* Quarter credits

Appendix F

Self-Report of Ethnicity for
First-time Candidates from Minnesota Approved
Nursing Programs for 2019-2024

Ethnicity	2019		2020		2021		2022		2023		2024	
	PN	RN	PN	RN	PN	RN	PN	RN	PN	RN	PN	RN
No Answer	5.0% 55	6.3% 232	3.9% 41	4.7% 177	3.2% 31	5.4% 208	2.4% 20	4.3% 172	5.0% 37	3.9% 145	3.3% 25	4.3% 149
African American	14.4% 158	9.8% 363	17.9% 186	10.4% 394	17.9% 176	11.2% 431	22.8% 190	14.2% 573	22.3% 167	15.1% 566	23.5% 178	14.0% 488
Native American	1.1% 12	0.7% 25	1.2% 12	0.5% 20	1% 10	0.6% 24	1.2% 10	0.5% 19	0.8% 6	0.6% 22	1.1% 8	0.7% 23
Asian Indian	0.1% 1	0.2% 6	0.1% 1	0.3% 10	0.1% 1	0.3% 12	0.1% 1	0.4% 15	0.4% 3	0.3% 12	0.3% 2	0.4% 14
Asian Other	2.8% 31	4.1% 152	2.6% 27	4.5% 170	3.5% 34	4.5% 172	3.0% 25	5.4% 217	4.3% 32	5.6% 210	4.9% 37	6.2% 216
Hispanic	3.2% 35	2.4% 89	4.2% 43	3.2% 120	5.1% 50	3.2% 121	3.8% 32	3.1% 124	4.0% 30	3.7% 139	7.5% 57	4.3% 149
Pacific Islander	0.2% 2	0.2% 7	0% 0	0.3% 10	0% 0	0.2% 6	0.6% 5	0.1% 4	0.1% 1	0.1% 2	0% 0	0.2% 6
White	68.9% 759	73.4% 2,710	65.4% 678	72.2% 2,729	65.9% 649	71.5% 2,742	63.2% 526	68.8% 2,772	58.3% 436	66.7% 2,506	54.1% 409	65.9% 2,298
Other	4.4% 48	2.9% 107	4.7% 49	4.0% 152	3.4% 33	3.1% 118	2.9% 24	3.3% 133	4.8% 36	4.1% 155	5.3% 40	4.2% 145
Total Diversity	26.1% 287	20.3% 749	30.7% 318	23.2% 876	30.9% 304	23.1% 884	34.5% 287	26.9% 1,085	36.8% 275	29.4% 1,106	42.6% 322	29.9% 1,041
Total Candidates	1,101	3,691	1,037	3,782	984	3,834	833	4,029	748	3,757	756	3,488

Source: National Council of State Boards of Nursing (NCSBN)

Number and First-time Success Rate of
NCLEX-PN® Candidates Educated in
Minnesota Practical Nursing Programs 2021 – 2024

Minnesota Practical Nursing Programs	2021		2022		2023		2024	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Alexandria Technical & Community College	66	89.39	59	89.83	62	93.55	43	90.70
Anoka Technical College	44	75.00	45	84.44	34	94.12	60	95.00
Central Lakes College	20	90.00	16	81.25	11	100	30	80.00
Dakota County Technical College	45	75.56	48	68.75	45	77.78	40	100
Fond du Lac Tribal & Community College*	2	50.00	-	-	-	-	-	-
Hennepin Technical College	54	75.93	43	60.47	36	66.67	16	93.75
Lake Superior College	20	95.00	11	100	16	100	17	100
Mesabi Range Community & Technical College**	24	83.33	25	80.00	-	-	-	-
Minnesota North College**	26	88.46	26	100	31	96.77	21	85.71
Minnesota State College-Southeast	43	90.70	40	90.00	14	100	8	87.50
Minnesota State Community & Technical College	54	79.63	42	78.57	37	70.27	55	78.18
MN West Community & Technical College	32	100	14	100	25	100	28	96.43
Northland Community & Technical College	105	90.48	102	91.18	77	89.61	77	92.21
Northwest Technical College, Bemidji	10	100	10	80.00	12	100	21	71.43
Pine Technical & Community College	53	92.45	30	93.33	29	100	28	100
Rasmussen University – Brooklyn Park*	28	60.71	41	41.46	1	0.00	3	33.33
Rasmussen University – Eagan	25	72.00	27	88.89	66	65.15	83	77.11
Rasmussen University – Mankato	27	88.89	26	92.31	17	88.24	14	85.71
Rasmussen University – Moorhead	32	71.88	24	70.83	20	65.00	14	78.57
Rasmussen University – St. Cloud	7	71.43	10	80.00	8	75.00	8	87.50
Ridgewater College	34	61.76	16	62.50	15	80.00	23	78.26
Riverland Community College	52	73.08	31	83.87	37	83.78	17	88.24
Rochester Community & Technical College	24	100	26	92.31	20	85.00	19	89.47
Saint Paul College	65	90.77	17	52.94	54	70.37	36	80.56
South Central College	19	89.47	26	84.62	13	100	18	100
St. Cloud Technical & Community College	73	82.19	78	78.21	67	86.57	75	89.33
All MN PN Program Candidates	984	83.54	833	80.91	750	83.73	755	87.55
All US Jurisdiction PN Candidates	46,353	79.60	47,631	79.93	47,553	86.67	50,569	88.38

* Closed Program
**In 2022, five colleges merged to become Minnesota North College. Itasca Community College's name changed to Minnesota North College and Mesabi Range College closed as a separate program but maintains a campus under Minnesota North College.

Number and First-time Success Rate of
NCLEX-RN® Candidates Educated in
Minnesota Associate Degree Nursing Programs 2021 – 2024

Minnesota Associate Degree Nursing Programs	2021		2022		2023		2024	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Alexandria Technical & Community College	17	94.12	24	91.67	27	96.30	24	95.83
Anoka-Ramsey Community College	149	79.19	145	82.76	94	96.81	98	98.98
Central Lakes College	76	92.11	83	73.49	87	89.66	69	97.10
Century Community College	106	84.91	99	77.78	91	91.21	107	90.65
Fond du Lac Tribal & Community College	23	56.52	28	42.86	11	90.91	14	85.71
Inver Hills Community College	93	88.17	89	74.16	80	80.00	76	84.21
Lake Superior College	110	76.36	102	85.29	106	89.62	112	92.86
Minneapolis Community & Technical College	91	78.02	96	82.29	94	93.62	80	91.25
Minnesota North College***	49	89.80	49	87.76	69	92.75	72	87.50
MN State College-Southeast**	-	-	-	-	31	90.32	43	88.37
MN State Community & Technical College	75	84.00	86	88.37	73	80.82	57	89.47
MN West Community & Technical College	54	46.30	27	85.19	17	76.47	23	100
Normandale Community College	79	96.20	60	96.67	65	93.85	78	94.87
North Hennepin Community College	71	85.92	57	82.46	52	82.69	62	88.71
Northland Community & Technical College	66	83.33	70	81.43	68	94.12	71	94.37
Northwest Technical College – Bemidji	77	81.82	75	84.00	69	86.96	93	84.95
Pine Technical & Community College	31	90.32	28	96.43	38	89.47	37	89.19
Rasmussen University – Blaine*	1	0.00	-	-	-	-	-	-
Rasmussen University – Bloomington*	446	69.73	637	58.40	402	63.68	143	79.02
Rasmussen University – Mankato	93	79.57	124	65.32	94	79.79	58	82.76
Rasmussen University – Moorhead	105	77.14	117	43.59	89	55.06	90	73.33
Rasmussen University – St. Cloud	121	75.21	154	64.29	69	63.77	93	80.65
Ridgewater College	92	75.00	73	79.45	88	90.91	69	89.86
Riverland Community College	30	76.67	28	92.86	56	96.43	37	91.89
Rochester Community & Technical College	112	87.50	119	89.08	108	90.74	108	95.37
South Central College	57	71.93	44	70.45	47	87.23	51	86.27
St. Cloud Technical & Community College	48	83.33	45	95.56	42	92.86	39	97.44
MN Program Associate Degree Candidates	2,272	78.65	2,459	72.59	2,067	82.10	1,804	88.86
All US Jurisdiction Associate Degree Candidates	88,336	78.78	85,720	77.91	83,394	87.75	84,565	90.63
All MN RN Program Candidates	3,832	82.02	4,027	75.54	3,756	85.68	3,483	89.43
*All US Jurisdiction RN Candidates****	182,653	82.54	187,973	79.91	186,374	88.56	186,759	91.16

* Closed Program
**New Program
***In 2022, Hibbing Community College became Minnesota North College
****Includes diploma, associate degree, baccalaureate & higher degree candidates

Number and First-time Success Rate of
NCLEX-RN® Candidates Educated in
Minnesota Baccalaureate and Higher Degree Nursing Programs 2021 – 2024

Minnesota Baccalaureate and Higher Degree Nursing Programs	2021		2022		2023		2024	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Bemidji State University	41	80.49	37	91.89	45	100	40	92.50
Bethany Lutheran College	3	100	2	100	3	100	2	100
Bethel University	93	93.55	80	86.25	85	100	76	94.74
College of St. Benedict/St. John's University	53	94.34	55	74.55	68	92.65	66	93.94
College of St. Scholastica	164	80.49	223	73.99	198	82.8	176	85.80
Concordia College	39	97.44	39	89.74	32	90.63	31	87.10
Concordia University – St. Paul	16	93.75	15	93.33	62	90.32	87	87.36
Crown College	8	100	11	100	13	84.62	6	100
Gustavus Adolphus	27	88.89	29	65.52	32	96.88	32	81.25
Herzing University	88	77.27	96	66.67	137	85.40	136	89.71
Metropolitan State University, Baccalaureate	30	83.33	23	73.91	28	89.29	28	85.71
Metropolitan State University, Master	31	96.77	27	88.89	32	87.50	19	94.74
Minnesota State University, Mankato	93	78.49	94	72.34	108	82.41	114	96.49
Minnesota State University, Moorhead**	-	-	26	50.00	44	77.27	54	81.48
Rasmussen University	123	91.87	119	88.24	130	93.08	97	90.72
St. Catherine University, Baccalaureate	118	77.97	110	68.18	114	87.72	119	90.76
St. Catherine University, Master	46	95.65	62	80.65	62	96.77	64	89.06
St. Cloud State University	80	90.00	71	97.18	73	94.52	64	95.31
St. Olaf College	24	75.00	22	95.45	22	100	23	100
University of Minnesota, Baccalaureate	177	85.31	134	85.07	135	94.81	135	92.59
University of Minnesota, Master	62	93.55	66	96.97	59	88.14	60	98.33
University of Northwestern – St. Paul	81	91.36	72	88.89	43	100	40	95.00
University of St. Thomas, Master**	-	-	-	-	-	-	36	91.67
Winona State University	162	91.36	155	76.77	165	89.09	175	81.71
MN Program Baccalaureate and Higher Degree Candidates	1,560	86.92	1,568	80.17	1,689	90.05	1,679	90.05
All US Jurisdiction Baccalaureate and Higher Degree Candidates	94,317	86.07	98,944	82.32	99,324	90.17	99,221	91.92
All MN RN Program Candidates	3,832	82.02	4,027	75.54	3,756	85.68	3,483	89.43
*All US Jurisdiction RN Candidates****	182,653	82.54	187,973	79.91	186,374	88.56	186,759	91.16

* Closed Program
**New Program
*** Includes diploma, associate degree, baccalaureate & higher degree candidates

Appendix H

Minnesota Advanced Practice Nursing Programs

SCHOOL	LOCATION	PROGRAM TRACK			
		CNM	CNP	CNS	CRNA
Augsburg University	Minneapolis, Rochester		X (DNP)		
Bethel University	Arden Hills	X (MSN)			
Capella University *(new program 2023)*	Minneapolis		X (MSN)		
College of St. Benedict	St. Joseph		X (DNP)		
College of St. Scholastica	Duluth, Sartell		X (DNP)		
Mayo Clinic School of Health Sciences	Rochester				X (DNP)
Metropolitan State University	St. Paul		X (DNP)		
Minneapolis School of Anesthesia	St. Louis Park				X (DNP)
Minnesota State University, Mankato	Mankato		X (DNP)		
Rasmussen University	Bloomington		X (MSN)		
St. Catherine University	St. Paul		X (DNP)		
Saint Mary's University of Minnesota	Minneapolis				X (DNP)
University of Minnesota	Minneapolis, Rochester	X (DNP)	X (DNP)	X (DNP)	X (DNP)
Walden University	Minneapolis		X (MSN)		
Winona State University	Rochester		X (DNP)	X (DNP)	

Faculty Teaching in Minnesota Advanced Practice Nursing Programs

Table 5. Number of Faculty in Minnesota Advanced Practice Nursing Programs

Program Name	2020	2021	2022	2023	2024
Augsburg University Family Nurse Practitioner Program (DNP)	14	16	10	10	17
Bethel University Nurse Midwifery Program (MSN)	9	7	13	9	8
Capella University* Nurse Practitioner Program (MSN)	-	-	-	7	4
College of St. Benedict Family Nurse Practitioner Program (DNP)	-	4	5	7	7
College of St. Scholastica Nurse Practitioner Program (DNP)	26	29	24	20	23
Mayo Clinic College of Medicine Nurse Anesthesia Practice Program (DNP)	16	17	19	18	18
Metropolitan State University Family Nurse Practitioner Program (DNP)	26	28	21	19	17
Minneapolis School of Anesthesia Nurse Anesthesia Program (DNP)	7	12	14	9	8
Minnesota State University, Mankato Family Nurse Practitioner Program (DNP)	10	12	12	12	13
Rasmussen University Nurse Practitioner Specialization Program (MSN)	-	1	5	9	10
Saint Mary's University of Minnesota Nurse Anesthesiology Program (DNP)	15	17	15	11	10
St. Catherine University Nurse Practitioner Program (DNP)	15	12	21	17	17
University of Minnesota Doctor of Nursing Practice Programs	45	44	47	44	45
Walden University Nurse Practitioner Programs (MSN & DNP)	254	278	319	288	281

Winona State University
    Nurse Practitioner and Clinical Nurse Specialist
    Programs (DNP)
	20	22	20	27	22

Total Number of Faculty	**457**	**499**	**545**	**507**	**500**

*New program

Faculty Teaching in Minnesota Advanced Practice Nursing Programs

Table 6. Advanced Practice Program Faculty Employment Status

Faculty teaching in:	Number of faculty				
	2020	**2021**	**2022**	**2023**	**2024**
Total Advanced Practice Nursing Program Faculty	**457**	**499**	**545**	**507**	**500**
Full-Time Faculty Exclusive to APRN Program	108 (23.6%)	127 (25.5%)	124 (22.8%)	126 (24.9%)	136 (27.2%)
Full-Time Faculty Shared with another nursing program	41 (8.9%)	38 (7.6%)	43 (7.9%)	37 (7.3%)	36 (7.2%)
Part-Time Faculty Exclusive to APRN Program	303 (66.3%)	322 (64.5%)	366 (67.2%)	333 (65.7%)	319 (63.8%)
Part-Time Faculty Shared with another nursing program	5 (1.1%)	12 (2.4%)	12 (2.2%)	11 (2.2%)	9 (1.8%)

Table 7. Unduplicated Advanced Practice Programs Faculty Count: Faculty Credentials

Faculty Credential (N) designates a major in Nursing	Highest Academic Credential Earned				Highest APRN Credential Earned			
	2021	2022	2023	2024	2021	2022	2023	2024
Baccalaureate	1	1	1	1	0	0	0	0
Baccalaureate (N)	0	0	0	0	0	0	0	0
Masters	0	0	2	1	0	0	0	0
Masters (N)	2	4	3	7	0	0	0	0
Doctorate	96	102	81	70	0	0	0	0
Doctorate (N)	129	159	206	207	1	0	0	0
PHD (N)	56	50	51	56	0	0	0	0
APRN Post Graduate Certificate – Nurse Anesthesia	0	0	0	0	0	0	0	0
Masters in Nurse Anesthesia	17	7	4	4	13	13	11	12
Doctorate in Nurse Anesthesia	13	16	13	15	18	16	13	15
Masters in Nurse Midwifery	3	7	3	2	11	18	14	11
Doctorate in Nursing – Nurse Midwifery	2	0	0	0	1	0	0	0
Masters in Nursing – CNS Role	0	1	0	0	8	6	8	7
Doctorate in Nursing Practice – CNS Role	2	2	1	2	2	3	1	2
Masters in Nursing – NP Role	68	78	67	71	155	192	217	217
Doctorate in Nursing Practice – NP Role	86	94	60	56	87	87	61	57
Post Masters Certificate – NP Role	12	13	7	0	70	72	53	60
Post Masters Certificate – Nurse Midwifery	0	0	0	0	1	0	1	0
Post Masters Certificate – CNS	0	0	0	0	2	0	0	0
Post-Doctoral Certificate – Nursing	3	1	0	0	1	0	8	1
Total Number of Faculty	**490**	**535**	**499**	**492**	**370***	**407***	**387***	**381***

*Not all faculty hold advanced practice credentials

Appendix J

Number of Students Admitted and
Completing Program by Track 2022-2024

Advanced Practice Program Tracks	2022		2023		2024	
	# students admitted to program track	# students completing program track	# students admitted to program track	# students completing program track	# students admitted to program track	# students completing program track
Augsburg University						
Family Nurse Practitioner	14	20	14	13	25	5
Bethel University						
Nurse Midwifery	21	23	21	17	28	19
Capella University *(new program)*						
Adult/Gerontology Primary Care Nurse Practitioner	-	-	-	-	103	0
Family Nurse Practitioner	-	-	-	-	58	0
Post-Master's Certificate Adult/Gerontology Primary Care Nurse Practitioner	-	-	-	-	2	0
Post-Master's Certificate Family Nurse Practitioner	-	-	-	-	2	0
College of St. Benedict						
Family Nurse Practitioner	24	0	33	0	34	0
College of St. Scholastica						
Adult/Gerontology Acute Care Nurse Practitioner	17	11	10	4	11	6
Adult/Gerontology Primary Care Nurse Practitioner	0	6	0	4	0	1
Family Nurse Practitioner	20	39	24	21	19	22
Psych/Mental Health Doctor of Nursing Practice	7	14	6	11	10	7
Mayo Clinic College of Medicine						
Nurse Anesthesia	28	26	30	26	30	25
Post-Graduate Degree (unspecified)	2	1	0	0	0	3
Metropolitan State University						
Family Nurse Practitioner	9	15	9	15	7	11
Minneapolis School of Anesthesia						
Nurse Anesthesia *(MSN – Metropolitan State University)*	0	32	0	26	0	21
Nurse Anesthesia *(DNP – Metropolitan State University)*	18	0	26	0	32	11
Minnesota State University, Mankato						
Family Nurse Practitioner (DNP)	13	14	14	14	16	15
Family Nurse Practitioner (MSN)	0	2	0	0	0	0
Rasmussen University						
Adult/Gerontology Primary Care Nurse Practitioner	-	-	2	0	5	2
Family Nurse Practitioner	-	-	5	0	18	11
Psych/Mental Health Nurse Practitioner	7	0	14	0	16	16
Post-Grad Adult/Gero Primary Care Nurse Practitioner	-	-	-	-	0	0
Post-Grad Family Nurse Practitioner	-	-	-	-	8	0
Post-Grad Psych/Mental Health Nurse Practitioner	-	-	-	-	9	7
St. Catherine University						
Adult/Gerontology Primary Care Nurse Practitioner	17	25	14	17	16	22
Pediatric Nurse Practitioner	8	9	7	7	11	10
Post Master's Psych/Mental Health Nurse Practitioner	4	0	3	0	6	2
Saint Mary's University						
Nurse Anesthesia Master's Program	0	32	0	14	0	14
Nurse Anesthesia Doctorate Program	21	0	35	0	35	21

Advanced Practice Program Tracks	2022		2023		2024	
	# students admitted to program track	# students completing program track	# students admitted to program track	# students completing program track	# students admitted to program track	# students completing program track
University of Minnesota						
Adult/Gerontology Clinical Nurse Specialist	3	11	4	11	2	8
Adult/Gerontology Primary Care Nurse Practitioner	13	37	9	37	8	30
Family Nurse Practitioner	14	49	16	49	20	50
Nurse Anesthesia	15	44	16	44	16	46
Nurse Midwifery	11	33	9	32	5	23
Pediatric Clinical Nurse Specialist	2	5	0	5	0	2
Pediatric Primary Care Nurse Practitioner	4	18	9	18	10	25
Psych/Mental Health Nurse Practitioner	8	39	12	39	9	33
Women's Health Nurse Practitioner	9	30	11	30	9	31
Walden University						
Adult/Gerontology Acute Care Nurse Practitioner (DNP)	-	-	29	1	29	3
Adult/Gerontology Acute Care Nurse Practitioner (MSN)	469	496	418	397	550	351
Adult/Gerontology Primary Care Nurse Practitioner (DNP)	-	-	8	0	14	0
Adult/Gerontology Primary Care Nurse Practitioner (MSN)	247	288	235	233	271	170
Family Nurse Practitioner (DNP)	-	-	67	0	87	4
Family Nurse Practitioner (MSN)	1,284	1,310	1,328	1,041	1,931	948
Pediatric Nurse Practitioner (DNP)	-	-	7	0	10	0
Pediatric Nurse Practitioner (MSN)	63	0	34	6	75	17
Psych/Mental Health Nurse Practitioner (DNP)	-	-	121	0	164	16
Psych/Mental Health Nurse Practitioner (MSN)	2,084	1,489	2,140	1,841	2,866	1,625
Post Masters Adult/Gero Acute Care Nurse Practitioner	78	15	82	25	110	36
Post Masters Adult/Gero Primary Care Nurse Practitioner	47	5	54	4	81	15
Post Masters Family Nurse Practitioner	102	11	169	25	242	52
Post Masters Pediatric Nurse Practitioner	1	0	6	0	6	0
Post Masters Psych/Mental Health Nurse Practitioner	564	44	739	125	801	360
Winona State University						
Adult/Gerontology Acute Care Nurse Practitioner	15	21	9	18	9	13
Adult/Gerontology Clinical Nurse Specialist	7	11	4	8	7	16
Family Nurse Practitioner	27	25	25	22	26	22
Psych/Mental Health Nurse Practitioner	15	7	6	9	9	11
Adult Gerontology Acute Care Nurse Practitioner*	**579**	**543**	**548**	**445**	**709**	**409**
Adult Gerontology Primary Care Nurse Practitioner*	**324**	**361**	**322**	**295**	**500**	**240**
Family Nurse Practitioner	**1,507**	**1,485**	**1,704**	**1,200**	**2,493**	**1,140**
Pediatric Nurse Practitioner	**76**	**27**	**63**	**31**	**112**	**52**
Psych/Mental Health Nurse Practitioner	**2,689**	**1,593**	**3,042**	**2,025**	**3,890**	**2,077**
Women's Health Nurse Practitioner	**9**	**30**	**11**	**30**	**9**	**31**
Total Certified Nurse Practitioner	**5,184**	**4,039**	**5,690**	**4,026**	**7,713**	**3,949**
Total Certified Registered Nurse Anesthetist	**84**	**135**	**107**	**110**	**113**	**141**
Total Clinical Nurse Specialists	**12**	**27**	**8**	**24**	**9**	**26**
Total Certified Nurse Midwife	**32**	**56**	**30**	**49**	**33**	**42**
Total	**5,312**	**4,257**	**5,835**	**4,209**	**7,868**	**4,158**

*While nursing programs offer specific tracks in acute and primary care for the Adult-Gerontology, MN statute does not differentiate acute vs primary.

First Time Success Rate on Certification Exam by Program Track

Table 8. Minnesota Advanced Practice Programs' First-Time Success Rates by Track

Advanced Practice Program Tracks	2020	2021	2022	2023
	Percent Pass	Percent Pass	Percent Pass	Percent Pass
Augsburg University				
Family Nurse Practitioner	100	95.0	83.3	100
Bethel University				
Nurse Midwifery	79.0	82.4	83.3	82.4
College of St. Scholastica				
Adult/Gerontology Acute Care Nurse Practitioner	-	-	100	66.7
Adult/Gerontology Primary Care Nurse Practitioner	60.0	100	50.0	-
Family Nurse Practitioner – AANPCP	97.6	92.3	86.1	82.6
Psych/Mental Health Doctor of Nursing Practice	84.2	100	100	90.9
Mayo Clinic College of Medicine				
Nurse Anesthesia	80.0	73.0	80.1	80.1
Metropolitan State University				
Family Nurse Practitioner	92.0	77.0	67.0	93.0
Minneapolis School of Anesthesia				
Nurse Anesthesia	87.1	84.4	92.3	85.2
Minnesota State University, Mankato				
Family Nurse Practitioner (MSN)**	100	100	-	-
Family Nurse Practitioner (DNP)*	-	-	75.0	93.0
Saint Mary's University				
Nurse Anesthesia	84.0	71.0	87.0	86.0
St. Catherine University				
Adult/Gerontology Primary Care Nurse Practitioner	90.0	100	89.0	90.0
Pediatric Primary Care Nurse Practitioner	89.0	71.0	78.0	100
University of Minnesota				
Adult/Gerontology Clinical Nurse Specialist	100	100	83.0	-
Adult/Gerontology Nurse Practitioner	100	100	92.0	100
Family Nurse Practitioner – AANP	100	100	94.0	100
Family Nurse Practitioner - ANCC	-	-	100	-
Nurse Anesthesia	100	100	100	86.0
Nurse Midwifery	100	90.0	67.0	100
Pediatric Clinical Nurse Specialist	100	-	100	100
Pediatric Primary Care Nurse Practitioner	100	92.0	100	100
Psych/Mental Health Nurse Practitioner	100	100	100	-
Women's Health Nurse Practitioner	100	100	100	100

Advanced Practice Program Tracks	2020	2021	2022	2023
	Percent Pass	Percent Pass	Percent Pass	Percent Pass
Walden University				
Adult/Gerontology Acute Care Nurse Practitioner – ANCC	50.9	66.1	65.4	52.9
Adult/Gerontology Acute Care Nurse Practitioner – AACN	72.1	67.4	63.7	62.9
Adult/Gerontology Acute Care Nurse Practitioner (DNP)	-	-	-	62.9
Adult/Gerontology Primary Care Nurse Practitioner – AANP	72.0	49.0	67.0	74.0
Adult/Gerontology Primary Care Nurse Practitioner – ANCC	53.1	55.8	66.7	67.5
Family Nurse Practitioner – AANP	73.0	55.0	52.0	48.0
Family Nurse Practitioner – ANCC	51.8	78.2	77.8	76.9
Pediatric Nurse Practitioner	-	-	-	54.0
Psych/Mental Health Nurse Practitioner – AACN	66.9	77.3	86.5	78.8
Post-Grad Adult/Gerontology Acute Care Nurse Practitioner – CANN	-	-	-	62.9
Post-Grad Adult/Gerontology Acute Care Nurse Practitioner - ANCC	-	44.4	44.4	71.4
Post-Grad Adult/Gerontology Primary Care Nurse Practitioner - ANCC	-	100	-	-
Post-Grad Adult/Gerontology Primary Care Nurse Practitioner - AANP	-	-	50.0	75.0
Post-Grad Family Nurse Practitioner – AANP	-	100	55.0	47.0
Post-Grad Family Nurse Practitioner – ANCC	-	77.8	64.3	71.4
Post-Grad Psych/Mental Health Nurse Practitioner	-	79.4	90.1	80.4
Winona State University				
Adult/Gerontology Acute Care Nurse Practitioner	100	100	88.9	100
Adult/Gerontology Clinical Nurse Specialist	80.0	-	87.5	100
Family Nurse Practitioner	91.7	100	90.9	91.7
Psych/Mental Health Nurse Practitioner	87.5	100	100	100

Because there may be a low number of graduates/year, consideration of trends is helpful in reviewing results

- No Data Reported
*New Program Track
**Closed Program/Program Track

Table 9. National Certification Organizations' First-Time Exam Statistics

National Certification Organizations' Exam Statistics	2020	2021	2022	2023
	Percent Pass	Percent Pass	Percent Pass	Percent Pass
American Academy of Nurse Practitioners (AANP)				
Adult/Gerontology Primary Care Nurse Practitioner	86.0	84.0	83.0	90.0
Family Nurse Practitioner	85.0	84.0	74.0	73.0
American Association of Critical-Care Nurses Certification Corporation (AACN)				
Adult/Gerontology Acute Care Clinical Nurse Specialist	83.3	89.1	81.3	86.7
Adult/Gerontology Acute Care Nurse Practitioner	86.0	83.1	83.1	80.2
Neonatal Acute Care Clinical Nurse Specialist	83.0	72.7	63.6	84.6
Pediatric Acute Care Clinical Nurse Specialist	70.6	80.0	83.3	70.6
American Midwife Certification Board (AMCB)				
Certified Nurse Midwife	87.1	84.7	83.0	79.7*
American Nurses Credentialing Center (ANCC)				
Adult/Gerontology Acute Care Nurse Practitioner	91.6	86.7	85.3	83.0
Adult/Gerontology Clinical Nurse Specialist	88.5	80.8	82.8	89.0
Adult/Gerontology Primary Care Nurse Practitioner	82.2	80.9	80.6	79.0
Family Nurse Practitioner	89.3	87.0	85.9	85.0
Psychiatric-Mental Health Nurse Practitioner	80.6	87.1	90.8	90.0
National Board of Certification and Recertification for Nurse Anesthetists (NBCRNA)				
Nurse Anesthetist	85.2	84.1	83.4	83.2
National Certification Corporation for the Obstetric, Gynecological, Neonatal Nursing Specialties (NCC)				
Neonatal Nurse Practitioner	93.0*	92.0*	83.0*	81.0*
Women's Health Nurse Practitioner	94.0*	93.0*	89.0*	87.0*
Pediatric Nursing Certification Board (PNCB)				
Acute Care Pediatric Nurse Practitioner	75.6	71.2	72.8	66.7
Primary Care Pediatric Nurse Practitioner	82.0	80.0	80.4	81.5

*May include repeat testers