

House Appropriations Education and Environment

March 10, 2025

Dr. Marjorie R. Jenkins

VP for Health Affairs and Dean of the School of Medicine & Health Sciences



North Dakota's School of Medicine and Health Sciences





Our Purpose

*To serve North Dakota
For the benefit of its
people*

*To improve the quality of
their lives*

Excerpt from the North Dakota Century Code
Section 15-52-01



Dr. Tera Mertz-Hack
Family Medicine
Oakes, ND

Healthcare for all North Dakotans



Kayana Trottier (left)
Physical Therapy
Belcourt, ND



Kelli Maddock
Medical Laboratory Science
Fargo, ND



Dr. Eric Johnson (left) with Occupational Therapy student Payton B. (Waconia, MN) and MD student Alexis M. (Dickinson, ND)

Who We Are

4

Campuses

Bismarck, Fargo, Grand Forks
and Minot (+ OT in Casper, WY)

180

Full-time Academic Faculty

1,350+

Volunteer Clinical Faculty

Nearly

300

Benefitted Staff

19

Benefitted Postdoctoral Fellows

177

Medical Residents and Fellows



Who We Are

~300

Medical Students

550+

**Health Sciences
Students**

All levels

50+

**Master/Doctoral
Students**

1,000+

**Undergraduates
served**

(biochemistry, anatomy,
pre-nursing, forensic
science, etc.)



Healthcare Workforce Training Programs

Medicine

Doctor of Medicine (MD)

Post-MD Residency Programs

Family Medicine (with rural tracks)

Internal Medicine

Medical Oncology

Neurology

Geriatrics

Surgery (with rural track)

Orthopedic Surgery

Psychiatry (with Telepsychiatry)

Transitional Year

Pediatrics

Forensic Pathology

Health Sciences/Related

Physical Therapy (D)

Occupational Therapy (D)

Medical Laboratory Science (U and M)

Master of Public Health (M)

Physician Assistant Studies (M)

Sports Medicine/Athletic Training (M)

Graduate Programs:

Biomedical Sciences (D and M)

Clinical & Translational Science (D and M)

Indigenous Health (D)

D = Doctorate
M = Master
U = Undergraduate

Total Years Required: Post-HS Education

Medical Doctor (MD)

Degree Cost for ND resident: ~ \$244,000



11-16 Years

Physician Assistant (PA-C)

Degree Cost for ND resident: ~ \$50,000



6+ Years

Occupational Therapist (OTD)

Degree Cost for ND resident: ~ \$71,000



6+ Years

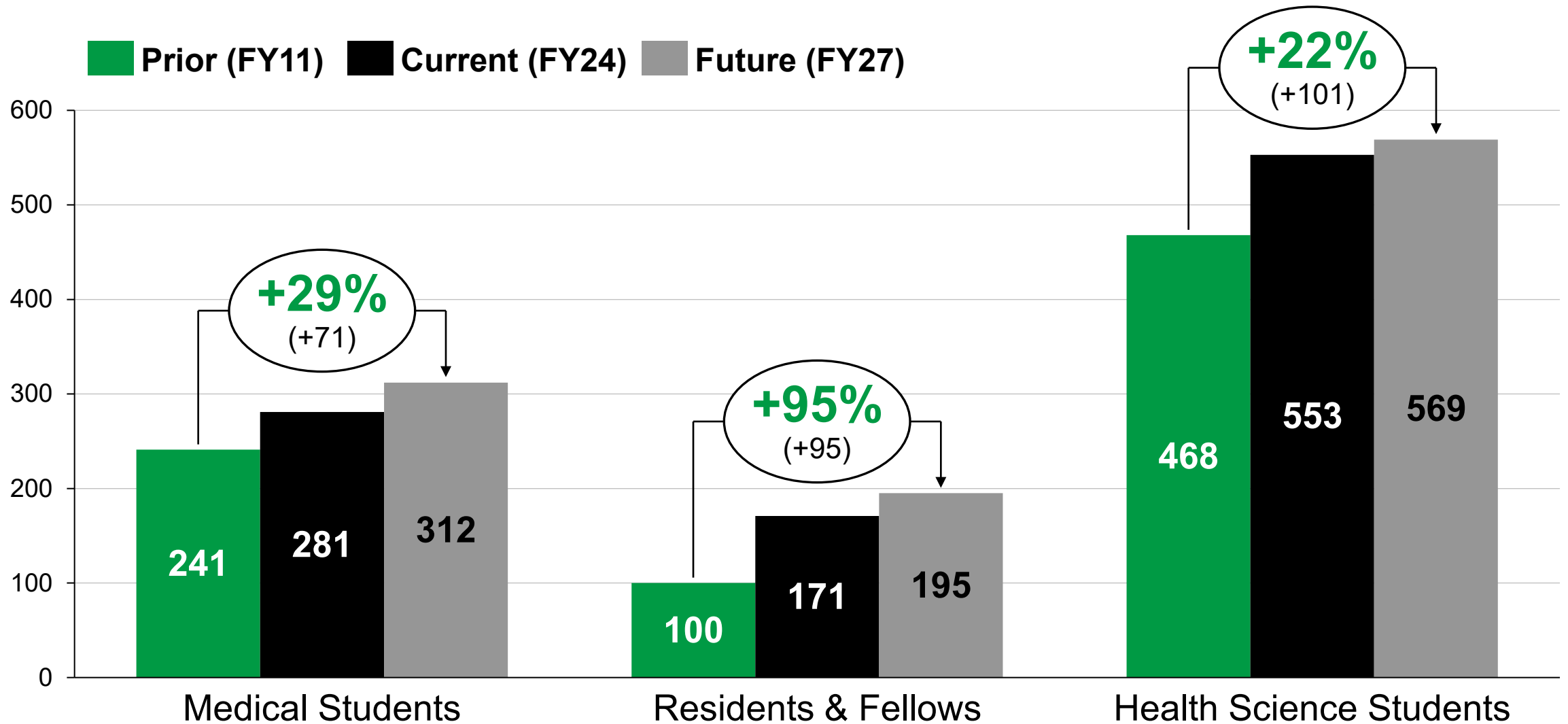
Physical Therapist (DPT)

Degree Cost for ND resident: ~ \$75,000



6+ Years

Growth in Student/Trainee Programs





SMHS ROI: UND Grads Practicing in ND

79%

**of Family Medicine
Physicians**

49%

**of all
Physicians**

46%

**of Occupational
Therapists**

44%

**of Physical
Therapists**

38%

**of Medical Lab
Scientists**

37%

**of Physician
Assistants**



Return on Investment: Workforce

Metric	Percentile Rank
Graduates practicing in rural areas	99 th
Graduates practicing primary care	94 th
Graduates training in family medicine	96 th
American Indian or Alaska Native graduates	100 th

Source: Missions Management Tools 2024, Association of American Medical Colleges

Healthcare for Rural North Dakota





Healthcare for Rural North Dakotans

Rural Opportunities in Medical Education (ROME)

Third-year medical students rotate in Devils Lake, Dickinson, Grafton, Hettinger, and Jamestown.

Minot Integrated Longitudinal Experience (MILE)

Third- and fourth-year medical students train in Minot and northwest region.

Rural Residency training

UND Family Medicine, Surgery, and Psychiatry residencies outreach to Belcourt, Bowman, Devils Lake, Dickinson, Fort Yates, Garrison, Hettinger, Jamestown, Mott, New England, New Town, Valley City, Wahpeton, and Watford City.

Scrubs Camps

149 Scrubs Camps for middle/high school students across the state since 2010.

RuralMed

MD grads trade medical school tuition waiver from State for 5 years rural ND practice post residency.

RuralMed Program: Thank You, Legislators!

\$6.1M+

**Awarded to 57*
students since
2016-2017**

23

**Students
currently
enrolled**

8

**Students
currently in
residency**

20

**Program alums still
practicing in North Dakota**

Devils Lake, Dickinson, Wahpeton

*6 students opted out

Centers for Family Medicine

- Safety net clinics in Bismarck & Minot
- Care provided by **16** SMHS faculty and **39** residents
- Minot CFM in 2024:
 - Hospital encounters: 3,971
 - Clinic encounters: 12,067
- Bismarck CFM in 2024
 - Hospital encounters: 5,546
 - Clinic encounters: 14,364



Bismarck, ND



Minot, ND

8th Biennial Report

Healthcare Workforce

Healthcare Access

Health Status

- North Dakotans
- American Indians of North Dakota
- Women and Children

Public Health for the Future

med.UND.edu/about/publications/biennial-report

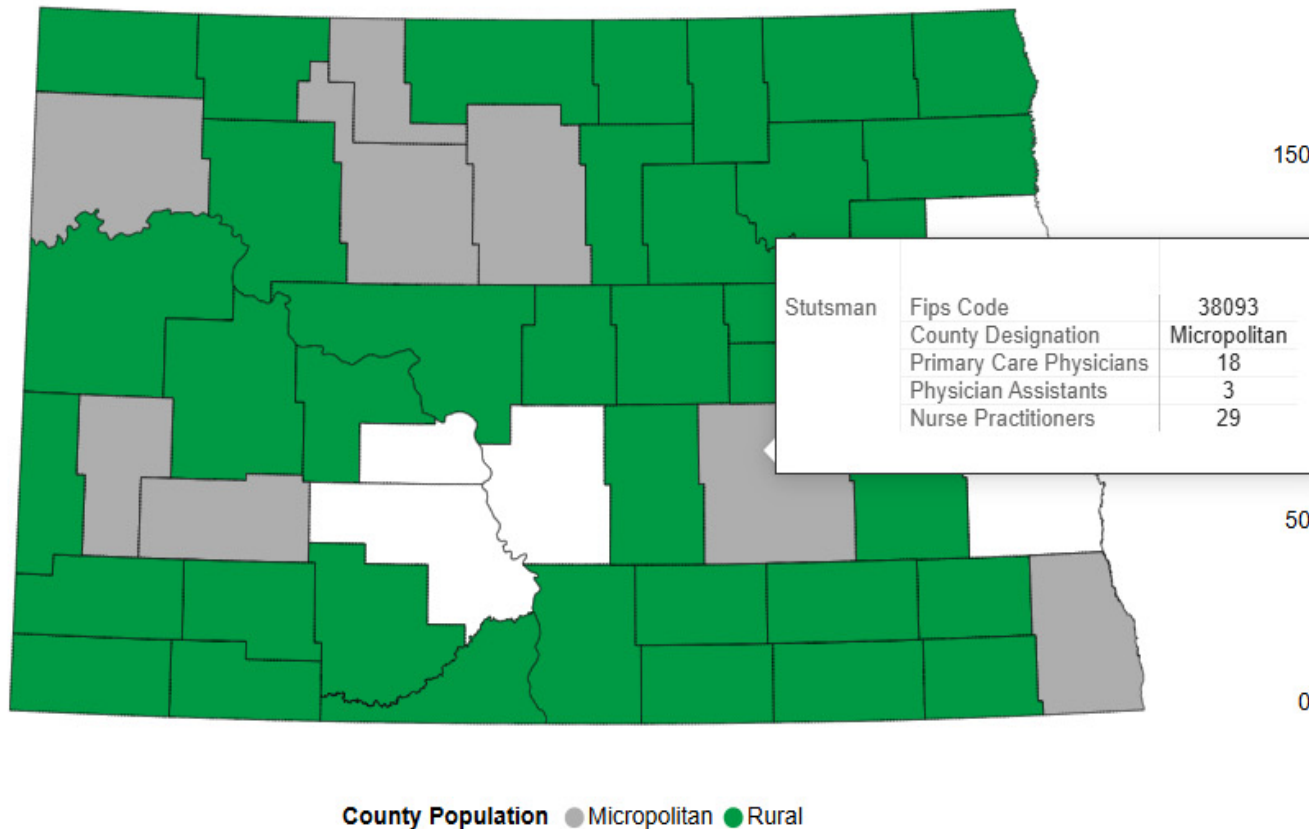
EIGHTH BIENNIAL REPORT | 2025 HEALTH ISSUES FOR THE STATE OF NORTH DAKOTA



North Dakota Healthcare Dashboard

Primary Care Providers by County

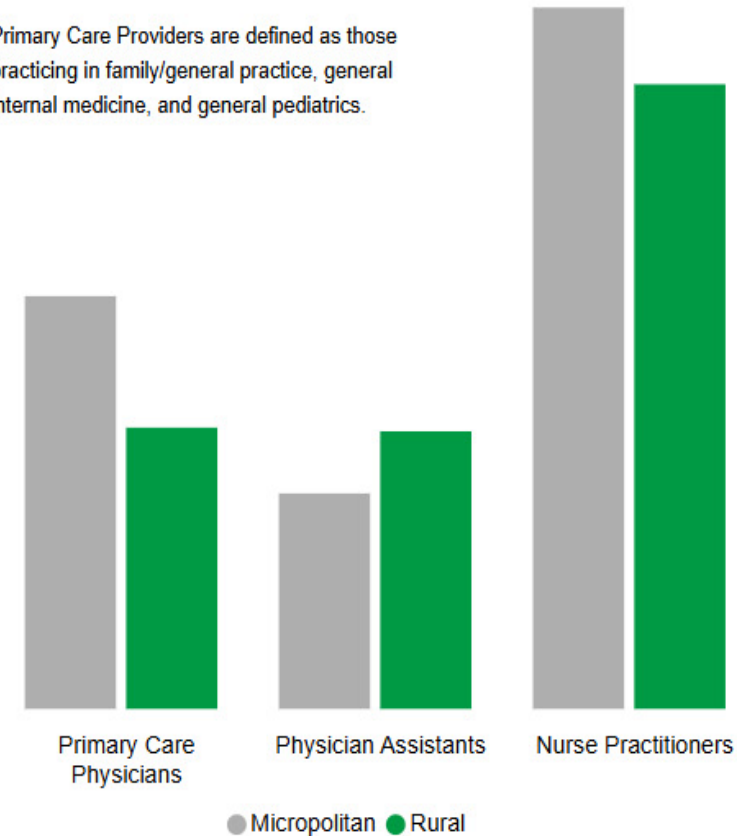
Primary Care Providers by County



Primary Care Providers by County Designation

Primary Care Providers are defined as those practicing in family/general practice, general internal medicine, and general pediatrics.

200
150
50
0



Clear Filters

Select all

Metropolitan

Micropolitan

Rural

Biomedical Research





Cancer & Epigenetics
\$5.3M from NIH



SIM-ND
\$1.3M from EDA



Aging & Geriatrics
\$5M from HRSA



Radon & Translational Research
\$11M over 5 years from NIH

Research Relevant to North Dakota

Alzheimer's & other
neurodegenerative disease

Infectious disease

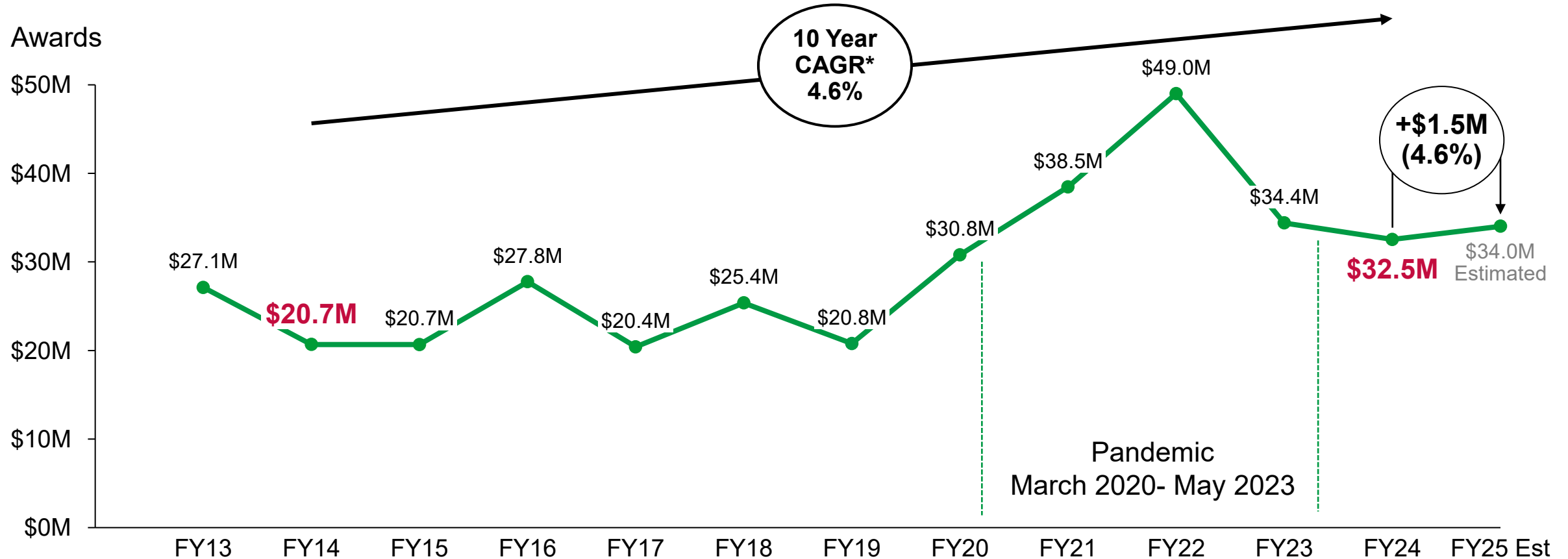
Indigenous health

Aging

Food Allergies

Cancer

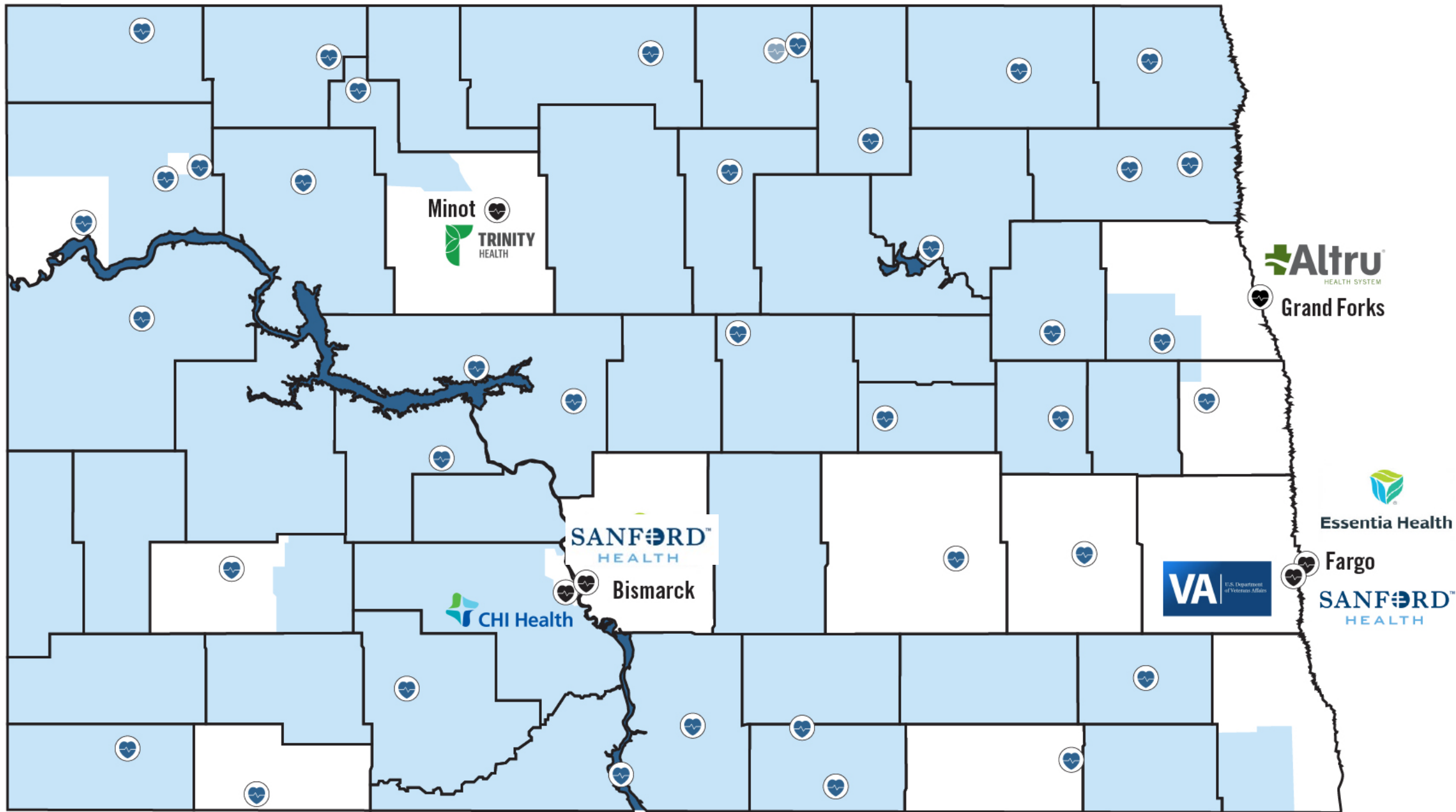
UND SMHS Sponsored Funding (\$Award)



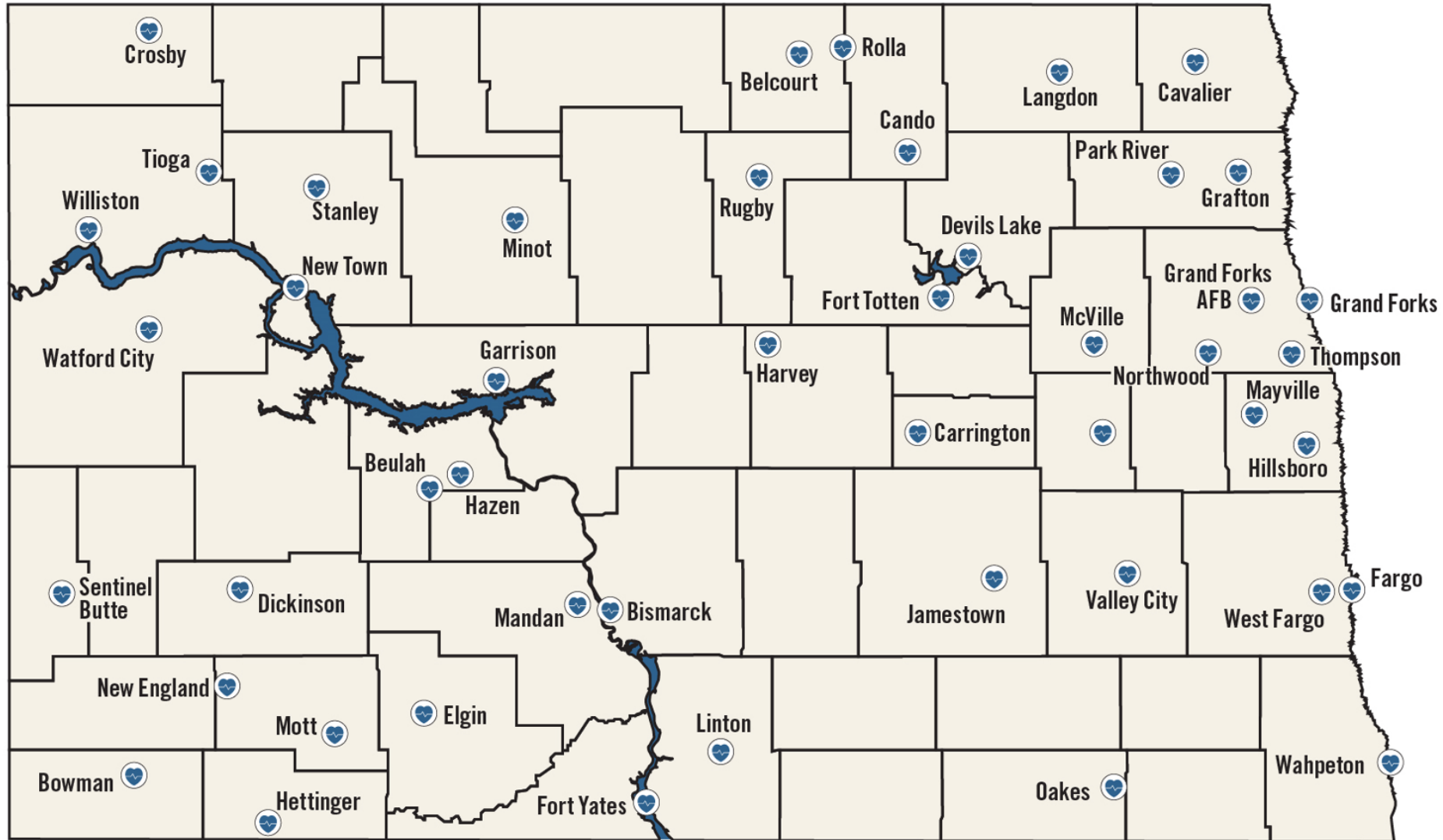
* CAGR: Compound Annual Growth Rate

Large Footprint Lean Operations



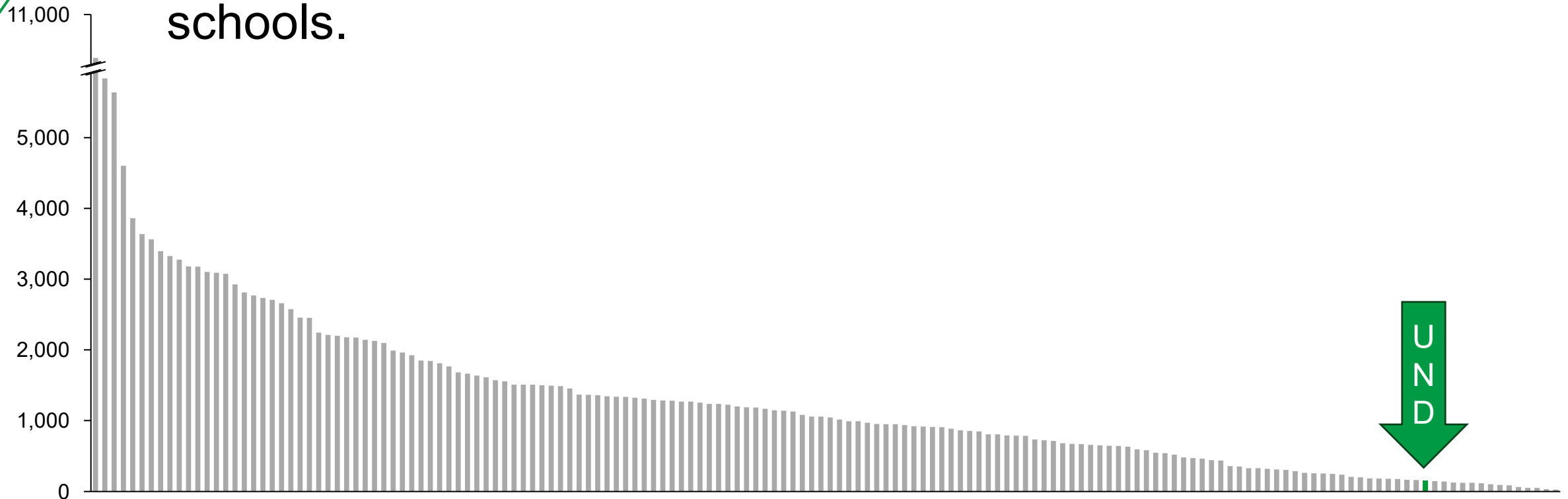


SMHS Students Across North Dakota



Faculty for MD program 2024-25 (School)

- In 2024-25, the UND SMHS reported a faculty count of 158 to the AAMC, resulting in a ranking of 144th out of 159 member schools.



Source: U.S. Medical School Faculty 2024, AAMC (Counting full-time benefit-eligible faculty in MD program only)

Student per Faculty Ratio 2024-25 (School)

- In 2024-25, UND SMHS's Student-to-Faculty ratio (1.80) ranked 22nd among 158 medical schools, exceeding the national average of 0.47. This may reflect UND SMHS's lean and efficient model.
- We may be small, but we deliver results.



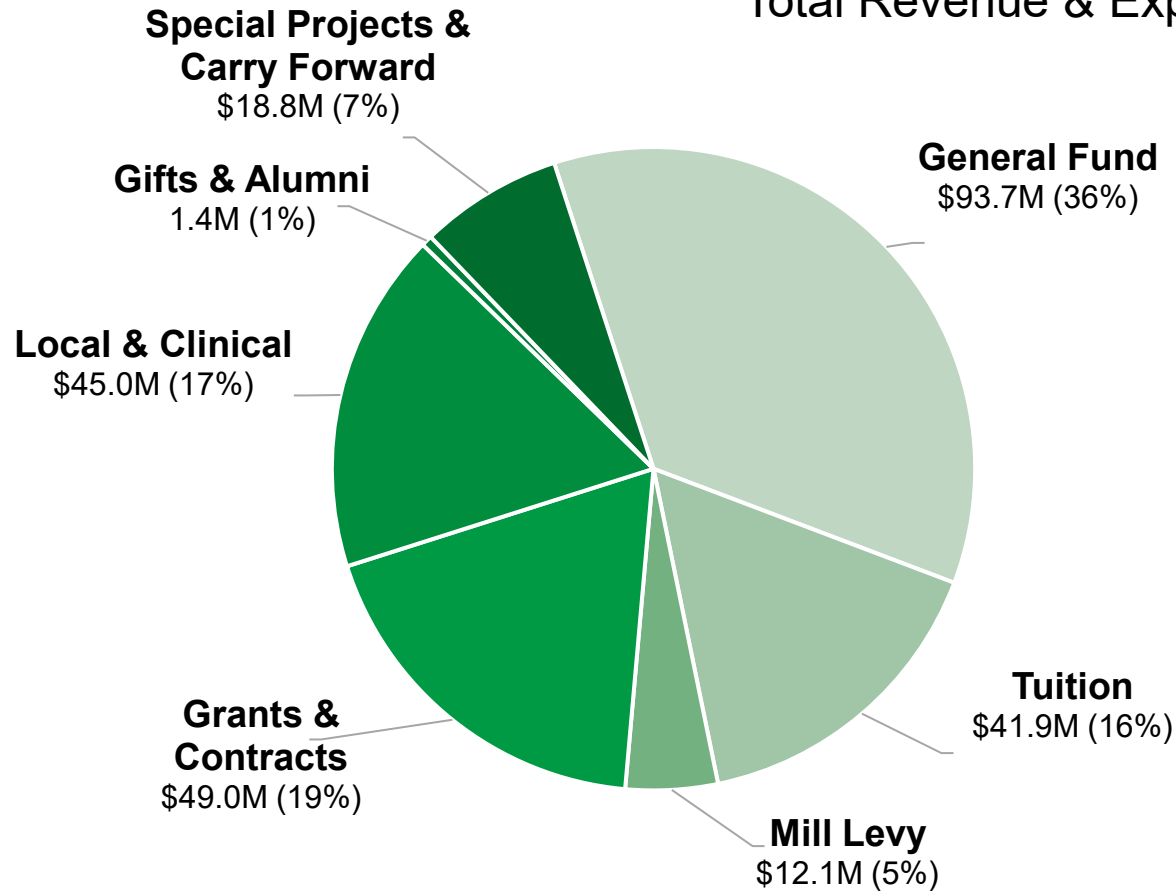
Source: U.S. Medical School Faculty 2024, AAMC (Counting full-time benefit-eligible faculty in MD program only)
2024 FACTS Enrollment, Graduates, and MD-PhD Data By Institution, AAMC

Biennium Budget

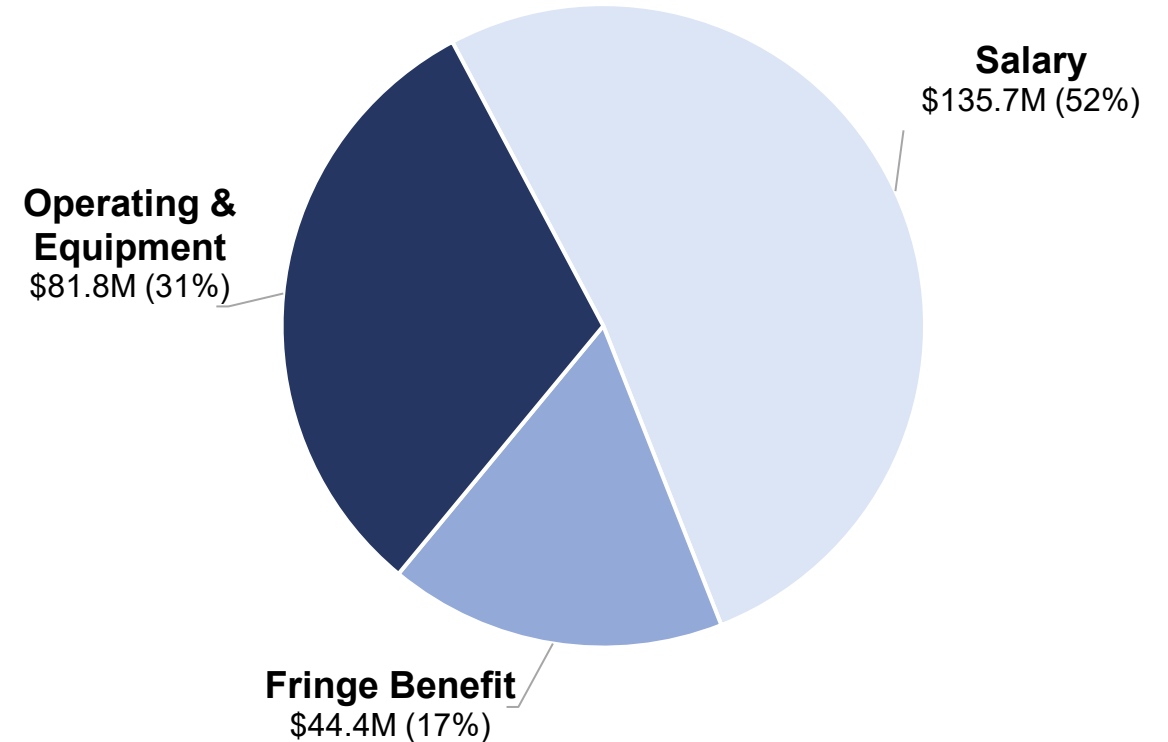


2025-27 Biennium Budget

Total Revenue & Expenditure **\$261,962,687**



Revenue



Expenditure

\$1 of Legislative Appropriations results in \$1.5 of SMHS Revenue

Biennial Budget Increases

	2023-25 Base Level	Requested Adjustments	2025-27 SBHE Needs-Based Budget
Campus Operations	\$ 240,396,968	\$ 10,889,569	\$ 251,286,537
Health Care Workforce	\$ 10,676,150	\$ -	\$ 10,676,150
Total Appropriation	\$ 251,073,118	\$ 10,889,569	\$ 261,962,687
General Fund	\$ 82,831,276	\$ 10,869,218	\$ 93,700,494
Special Funds	\$ 168,241,842	\$ 20,351	\$ 168,262,193
Total Funding Sources	\$ 251,073,118	\$ 10,889,569	\$ 261,962,687

	Adjustment **
Formula increase due to credit production	\$ 8,130,500
Inflation factor increase	\$ 2,729,141
Special funds authorization increase	\$ 20,351
IT rate adjustments	\$ 9,577
	\$ 10,889,569

** Based on NDUS budget comparison table.

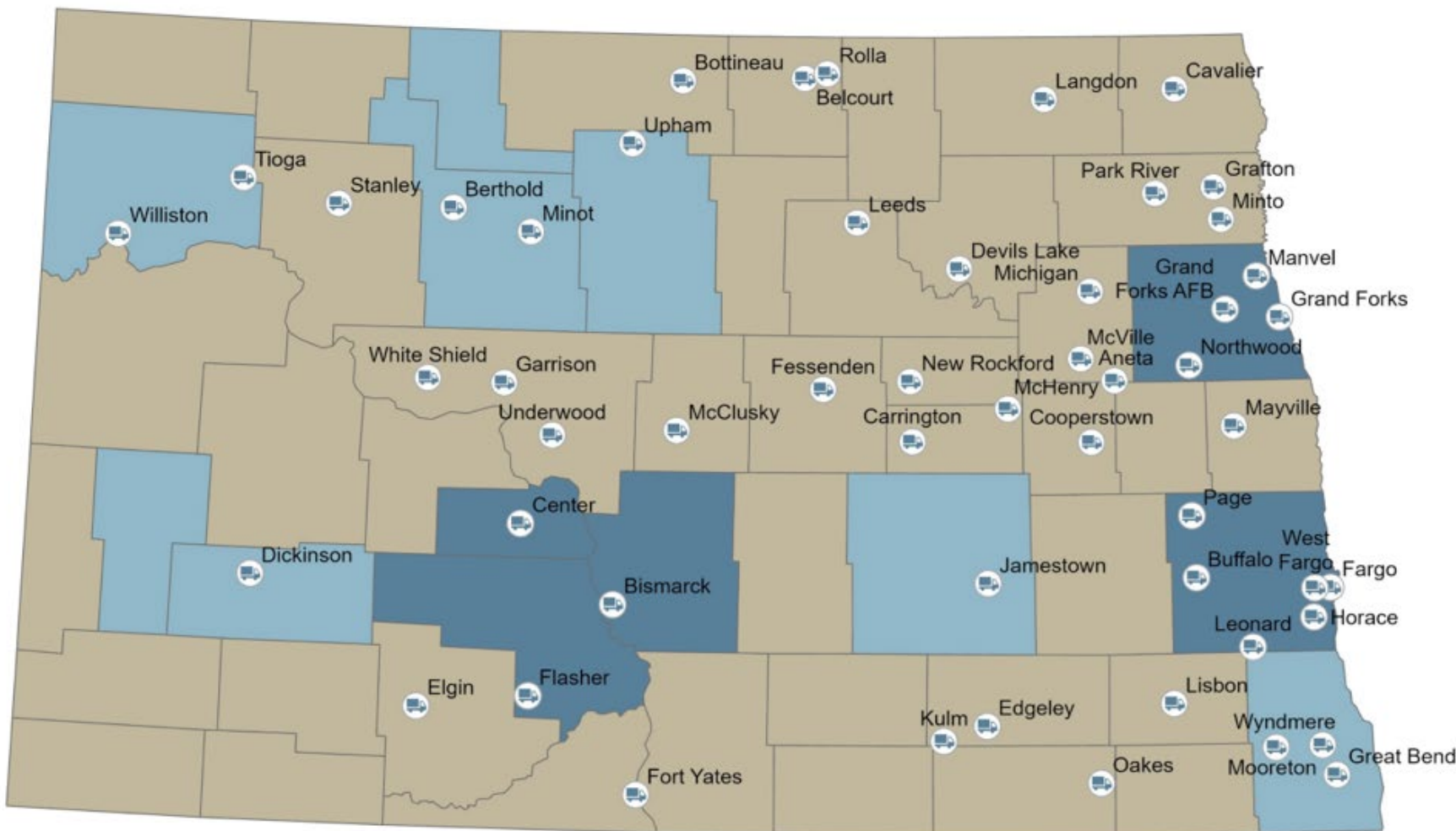
Drivers of Increased Funding Needs

Increased student enrollment and credit hour production

Rising costs due to inflation

Simulation In Motion – North Dakota

(SIM-ND)



JAN. 2023 – NOV. 2024

345
Events

862.5
Average Hours

4,415
Learners

30,000+
Learners-To-Date

SIM-ND Event Metropolitan (>50,000 people) Micropolitan (10,000-49,999 people) Rural (<10,000 people)



**“Overall, this is the best training
for our local EMS personnel.”**

Nancy Paintner

Cooperstown Ambulance Service

Cooperstown, ND

**“The ability to have SIM-ND come here with
expert educators and top-notch equipment is
truly invaluable, and it is such a necessary
and crucial asset to our small communities.”**

Abby Helgeson

First Care Health Center

Park River, ND



**Sept. 2024: SIM-ND trained Tioga-Ray EMS
on airway management in burn scenarios**

SIM-ND Budget Consideration



Current Funding Model

Relies heavily on healthcare partners (Altru, Sanford, Essentia).

Sustainability Threat

Increasing training demands coincide with decreasing hospital support, threatening the long-term viability.

EDA Capital Equipment Grant

Awarded \$1.3M in December 2024 for capital equipment. UND SMHS will match \$0.3M.

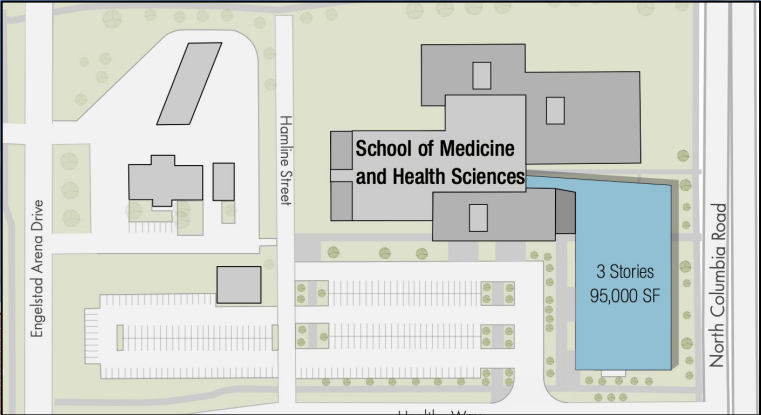
Funding Request

For sustainable growth, UND SMHS requests **\$1M per year** as ongoing operating support beginning in the 2025-2027 biennium.

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SMHS Building Addition Health Professions Facility

**Health Professions
Facility**
SMHS Building Addition



Innovations in Education & Training

Healthcare teams, Real-world Workforce Prep, AI

Expanding Healthcare Delivery Capacity

Continue the growth achieved over the last decade

Expand Research to Address Current Issues

Real Research for Real People and Real Problems in Real Time (R5)

Disseminating 21st Century Health Solutions

Across North Dakota



Student Lectures and Labs

~830 undergraduate students with 1,472 contact hours of instruction in Anatomy & Physiology, Pharmacology, and Microbiology courses will be relocated to the SMHS.

The Anatomy and Physiology labs can be relocated to the SMHS with some **disruption of scheduled instruction for medical and allied health students.**

Microbiology labs will move to an online lab impacting approximately **400 students per year.**

Research and Recruitment

Displayed Research Activities

Faculty	5
Postdoctoral Fellows	4
Undergraduate Researchers	16
Graduate Students	10
Research Staff	4

Total Personnel 39

WITH \$4.3M IN EXTRAMURAL FUNDING

Extramural funded research and mentoring activities will be reduced for *all SMHS research faculty*

Recruitment of the Chair of the Department of Biomedical Sciences will be impacted

All new faculty recruitment will be severely limited

Avoid Deferred Maintenance: \$60M

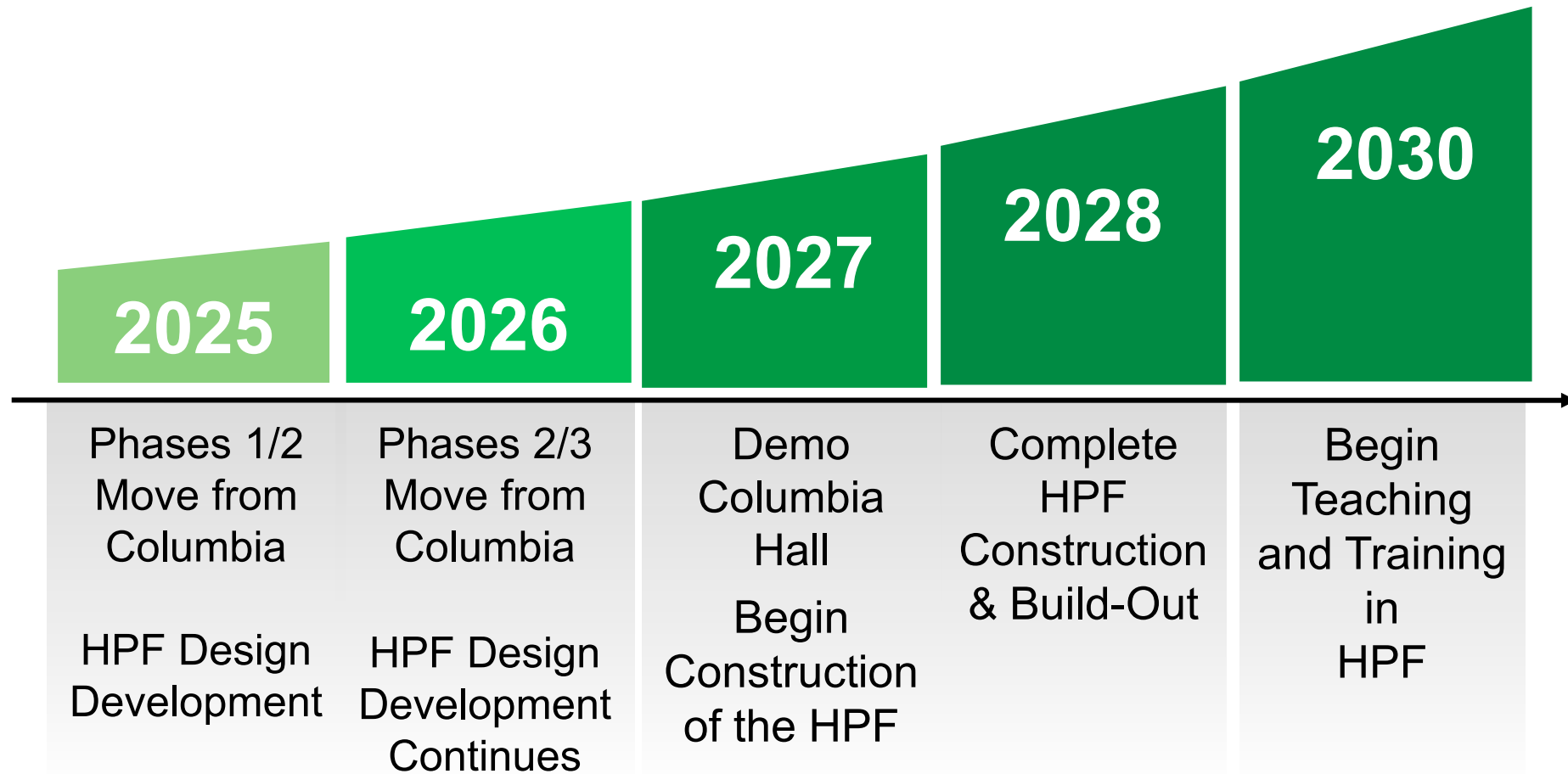


Columbia Hall: \$48M



Nursing Building: \$12M

5 Year Timeline to Occupy the Health Professions Facility





Dr. Marjorie R. Jenkins | marjorie.jenkins@UND.edu