

Governor's Task Force on the Healthcare Workforce

June 6, 2024



Department of Public Instruction

Wisconsin Career Pathways

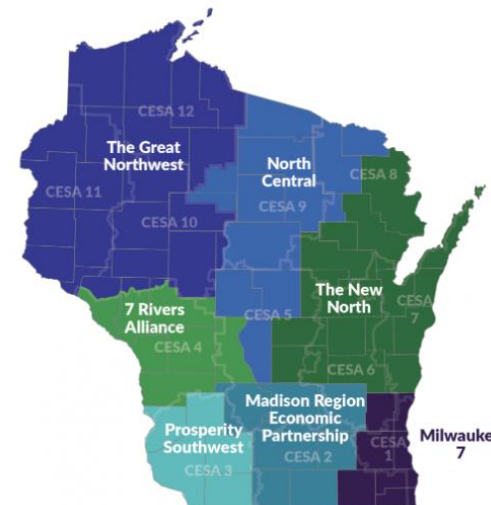
A ready-made academic and career plan for students and families

Five Quality Elements:

- A sequence of CTE courses that build from introductory to more advanced levels
- Dual enrollment or college credit opportunities
- Work-based learning experiences
- Industry-recognized credentials
- Career and technical student organizations (CTSOs)

Healthcare Career Pathways

- [Direct Patient Care Map](#) - updated in 2023
- [Non-Direct Patient Care Map](#) - new in Fall 2024



Direct Patient Care Career Pathway -Home of Regions- 2023-2026				
Educational Level <small>May also require work experience</small>	Allied and Health Professionals <small>(Non-Nursing and Non-Behavioral/Health Careers)</small>	Nursing	Mental and Behavioral Health	Diagnostic Services <small>(Imaging/Laboratory)</small>
High School Diploma/Equivalency	Activities Assistant Patient Advocate	Dietary Aide Personal Care Aide	Home Health Aide Transporter	Patient Customer Service Representative Anesthesia Technician
Additional Training, Certificate Program, or Technical Diploma	Direct Care Professional Dental Assistant Emergency Medical Technician Medical Assistant Patient Care Technician Pharmacy Technician Community Health Worker Sterile Processing Technician	Nursing Assistant Licensed Practical Nurse	Mental Health Technician Peer Support Specialist	Medical Lab Assistant ECG Technician Ophthalmic Lab Technician Phlebotomist Dental Lab Technician
Registered Apprenticeship	Medical Assistant Pharmacy Technician			
Associate Degree	Occupational Therapy Assistant Paramedic Physical Therapy Assistant Respiratory Therapist Surgical Technologist Dental Hygienist	Registered Nurse (ADN)	Community and Social Service Specialist Substance Abuse Counselor Psychiatric Technician	Nuclear Medicine Technician Cardiovascular Technician Medical/Clinical Laboratory Technician Radiologic Technologist MRI Technologist Diagnostic Medical Sonographer/Ultrasonographer
Bachelor Degree, Masters, and Ph.D.	Doctor Occupational Therapist Pharmacist Physical Therapist Speech Language Pathologist Public Health Professional Physician Assistant Community Health Educator	Clinical Nurse Specialist Nurse Anesthetist Nurse Practitioner Nurse Midwife Professor or Nurse Educator Registered Nurse (RN) Public Health Nurse	Counselor Psychologist Psychiatrist Social Worker	Clinical Laboratory Scientist/Medical Technologist Nuclear Medicine Technologist Radiologic Assistant Radiologist Medical Physicist
Postsecondary Options	Click HERE for Postsecondary Options	Click HERE for Postsecondary Options	Click HERE for Postsecondary Options	Click HERE for Postsecondary Options

Direct Patient Care Career Pathway In High School	
<p>A career pathway in high school must include:</p> <ul style="list-style-type: none"> • A sequence of courses (including at least 2 CTE courses) • Two of the following components: Career and Technical Student Organization, Work-based Learning, Industry Recognized Credential, College Credit Opportunity 	
Career and Technical Education Courses	<p>Must include a sequence of at least TWO Career and Technical Education courses. Should align with the curriculum standards for the pathway:</p> <ul style="list-style-type: none"> • •
Additional Employer Recommended Courses	<p>Should align with the appropriate standards for the course for this pathway:</p> <ul style="list-style-type: none"> •
Career and Technical Student Organization	<ul style="list-style-type: none"> • Wisconsin HOSA-Future Health Professionals
Work-Based Learning Program Options	<ul style="list-style-type: none"> • Employability Skills (90 hrs) • Youth Apprenticeship-Health Science (450 hrs/year; 1-2 years) • Local Work-based Learning Programs that meet state quality requirements
Industry Recognized Credential Options <small>Learn the skills that employers want to see!</small>	<ul style="list-style-type: none"> • Seal of Biliteracy (DB) • Certificate of Global Competence (DDB) • Basic Life Support (AED) or Professional Rescuer (AED) CPR/AED and First Aid • Youth Mental Health First Aid (CYMHA) • Certified Direct Care Professional (DHS) • Patient Care Technician (NHA) • Respite Care Provider (BCAW) <p><i>Italics = must be 18 years old to obtain</i></p> <p><i>*This certification is eligible for reimbursement through the technical incentive grant</i></p>
College Credit Opportunities	<p>You can find the list of college credit opportunities included in the postsecondary options for this pathway HERE.</p>

Department of Public Instruction

DIRECT PATIENT CARE DATA 2022-23

Region	# of SCHOOL DISTRICTS that offered the <u>Direct Patient Care</u>
7 Rivers	14/29 (48%)
Great Northwest	51/85 (60%)
M7	31/55 (56%)
MadRep	28/58 (48%)
New North	61/92 (66%)
North Central Wisconsin	10/34 (29%)
Prosperity Southwest	30/30 (100%)

SCHOOL DISTRICTS offering the Direct Patient Care RCP in 2022-23: 225/383 (59% of school districts)

CAREER PATHWAYS DATA 2022-23

High School CTE Participants: 167,148

Health Science Participants: 19,215 (11.5%)

High School CTE Concentrators: 64,132

Health Science Concentrators: 6,016 (9.38%)

- Males: 1,139 (18.9%) - NTO < 25%
- Females: 4,874 (81.0%)
- Non-binary: 3 (0.0004%)

WISCONSIN HOSA DATA

2022-23: 107 chapters, 3,258 members

2023-24: 124 chapters, 3,952 members





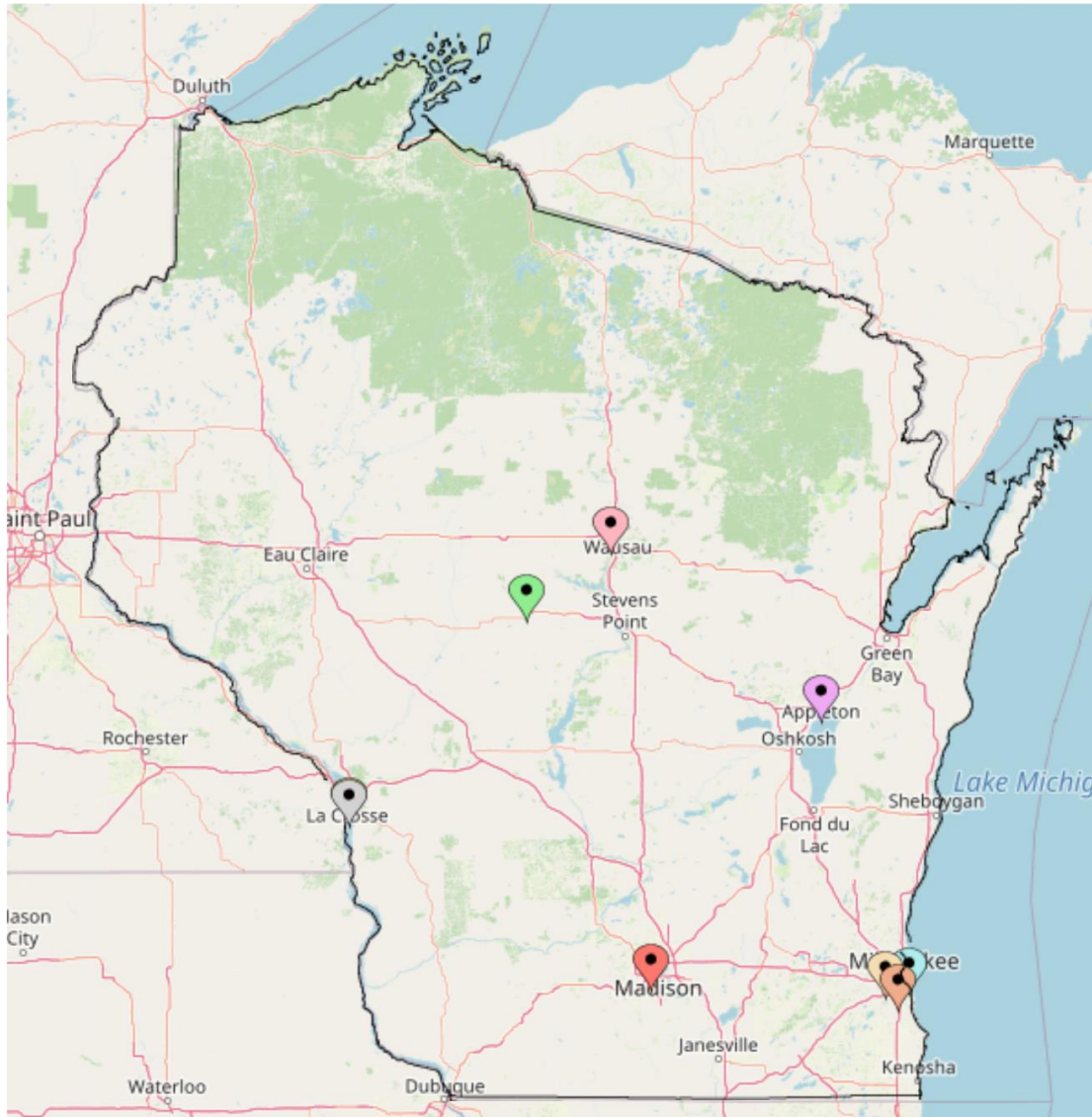
WISCONSIN TECHNICAL COLLEGE SYSTEM












- 16 Colleges
 - 50+ campuses
 - 284,000+ students
- 28 Associate Degree Programs
- 34 Technical Diploma Programs
 - 15 short-term TD
- 11 Pathway Certificates
- 2 Advanced Technical Certificates

[Graduate Outcomes Report](#)

UW La Crosse Health Professions



-  UW Health Hospital in Madison
-  Marshfield Clinic
-  Aspirus Cancer Care
-  Ascension Columbia St. Mary's
-  Froedtert Hospital and the Medical College of Wisconsin
-  Gundersen Health System
-  Mayo Health System
-  St. Luke's Medical Center
-  Ascension St. Elizabeth Hospital

Seating Capacity, Enrollment and Applicants

Undergraduate Programs

- Radiation Therapy (Oncology)
 - Capacity: 47 Enrollment: 47 (22, 25)
 - Applicants: 74
- Nuclear Medicine Technology
 - Capacity: 50 Enrollment: 50 (22, 28)
 - Applicants: 54
- Radiography (3 Cohorts)
 - Capacity: 30 Enrollment: 13 (2, 5, 6)
 - Applicants: 15
- Diagnostic Medical Sonography (1 Cohort)
 - Capacity: 45 Enrollment: 10
 - Applicants: 11
- Clinical Laboratory Science
 - Capacity: 50 Enrollment: 39 (25, 14)
 - Applicants: 44

Seating Capacity, Enrollment and Applicants

Graduate Programs

- Physical Therapy (3 Cohorts)
 - Capacity: 135 Enrollment: 135 (45, 45, 45)
 - Applicants: 292, 312, 491
- Physician Assistant
 - Capacity: 56 Enrollment: 56 (28, 28)
 - Applicants: 499, 418
- Occupational Therapy
 - Capacity: 52 Enrollment: 50 (26, 24)
 - Applicants: 133, 157
- Medical Dosimetry (*Radiation Oncology Treatment Planning*)
 - Capacity: 90 Enrollment: 83 (40, 43)
 - Applicants: 76, 73



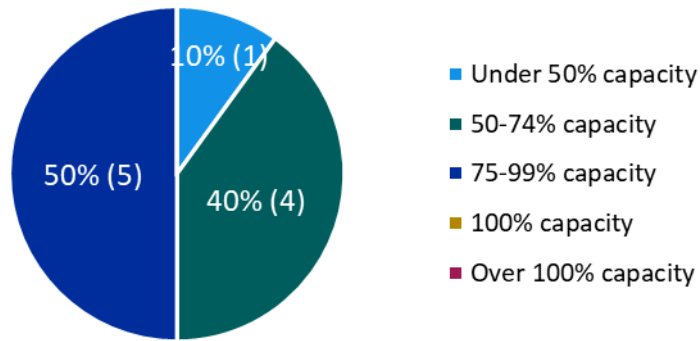
Healthcare Programs at Wisconsin Private, Nonprofit Colleges and Universities

WAICU Healthcare Program Capacity and Enrollment

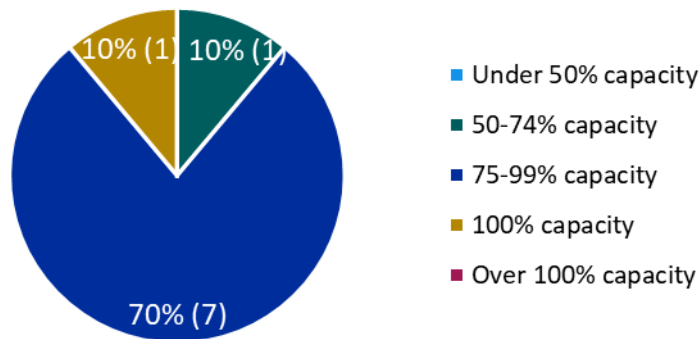
Survey data – 11 responses from 9 WAICU members

AY2023-24 enrollment in as compared to overall capacity

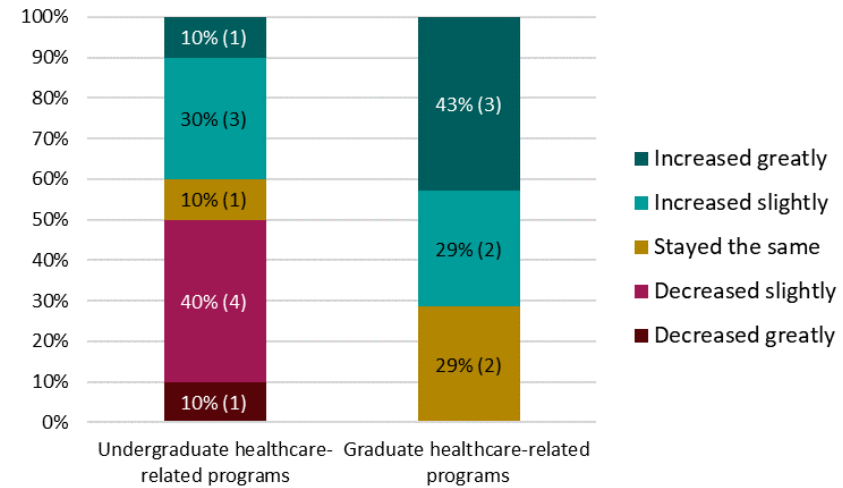
Undergraduate healthcare-related programs



Graduate healthcare-related programs

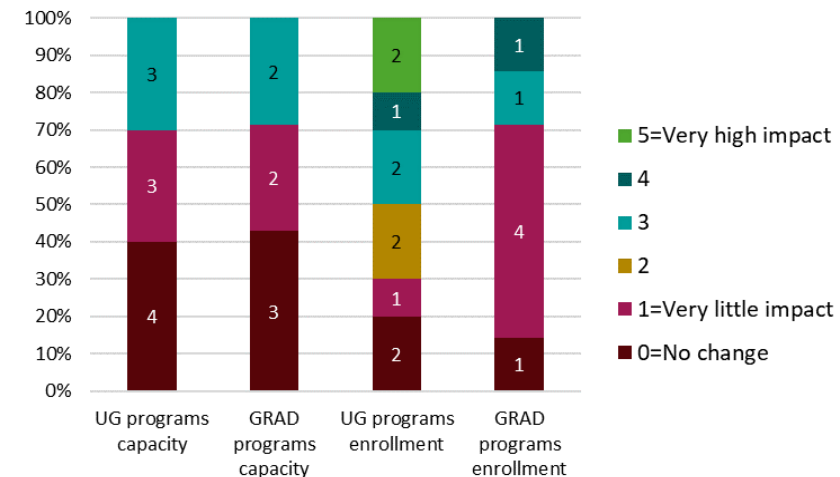


Five-year change in healthcare-related program enrollment

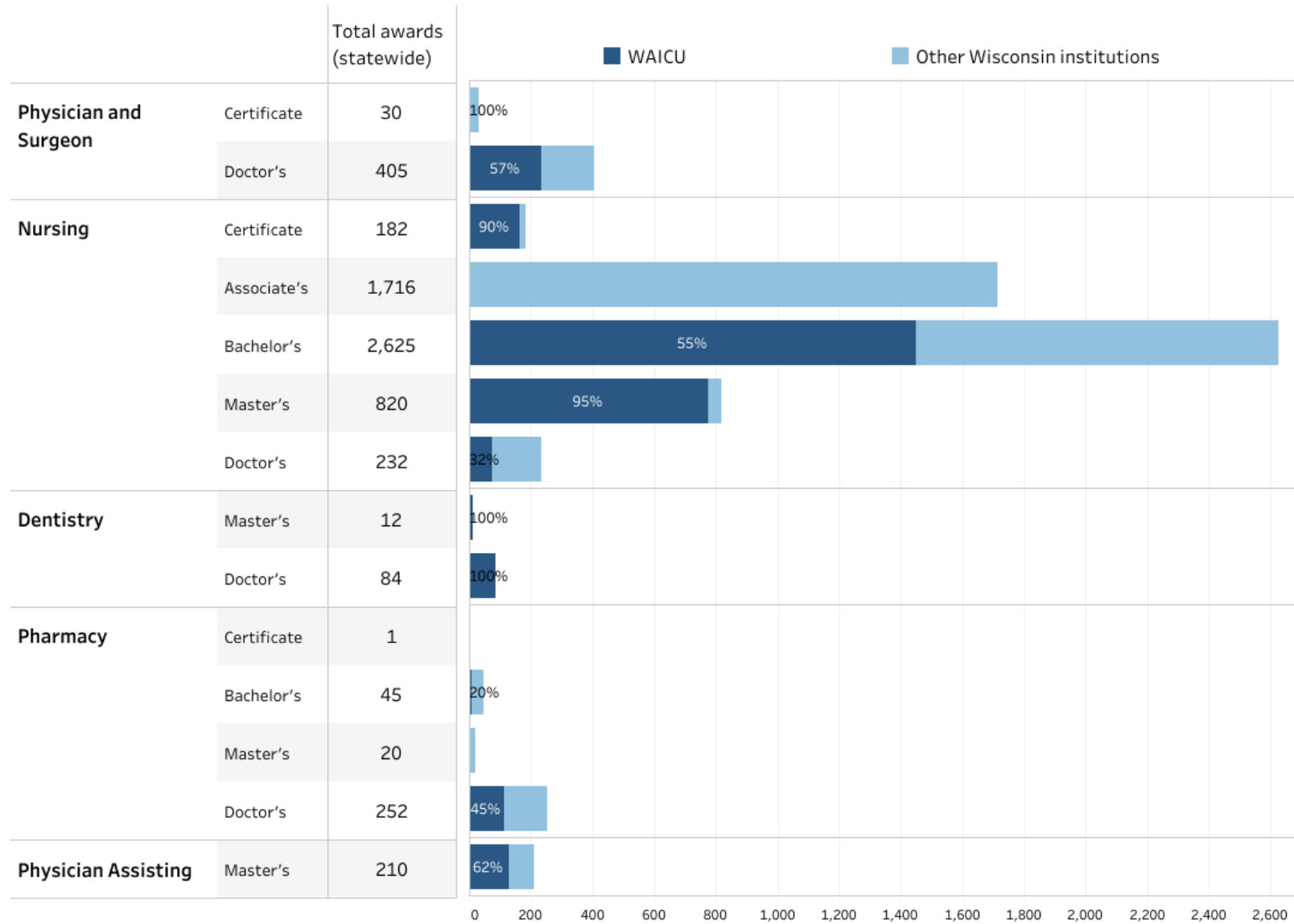


COVID's impacts on WAICU healthcare-related programs

(0 to 5 rating scale)



Graph: Total awards/degrees conferred by some specific healthcare programs in Wisconsin in academic year 2021-2022



WAICU-Member Alumni at 300-Plus Largest Employers In Wisconsin

The Wisconsin Association of Independent Colleges and Universities (WAICU) conducted a LinkedIn research project in March of 2024 and found that at least **38,700** alumni of 22 WAICU-member institutions were employed at the 300-plus biggest companies in Wisconsin across various industries.

Take a look at WAICU-member alumni working for major Wisconsin healthcare providers



41

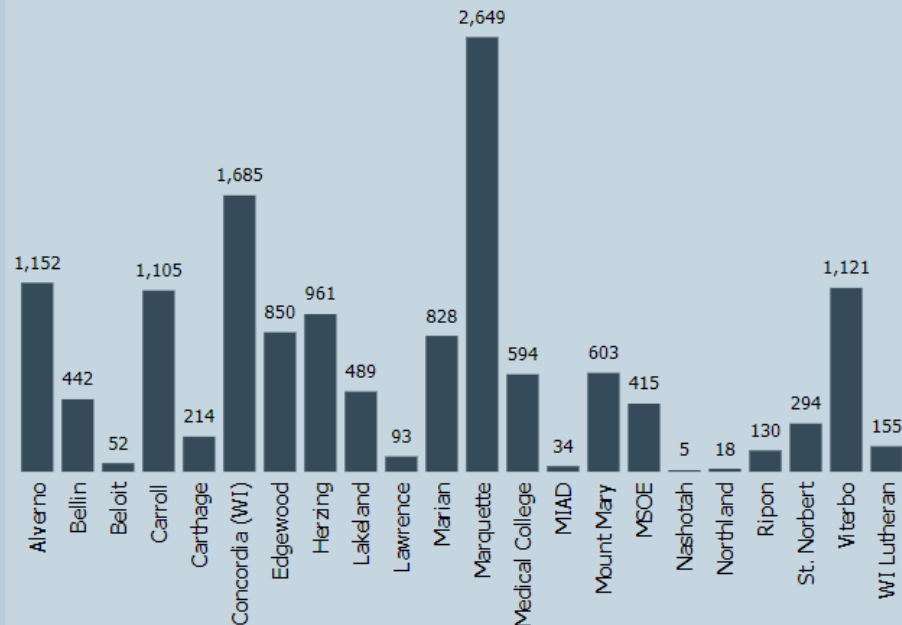
Companies



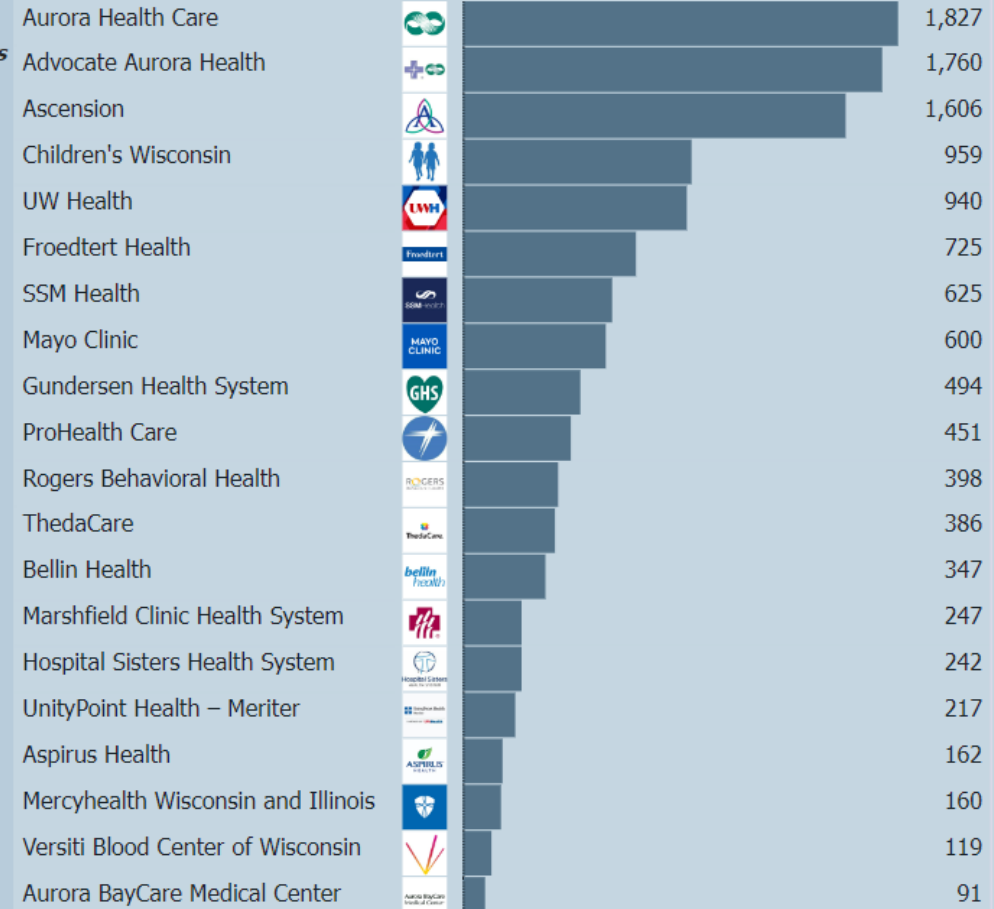
13,024

WAICU Alumni

Number of WAICU-Member Alumni Working at Major Healthcare Employers, by WAICU Institution



Top 20 Wisconsin Healthcare Employers with the Most WAICU Alumni



The snapshot above showed only results for 41 major healthcare providers in Wisconsin (non-healthcare companies were excluded). To view the original dashboard with data of all 302 companies, visit WAICU's website [here](#).