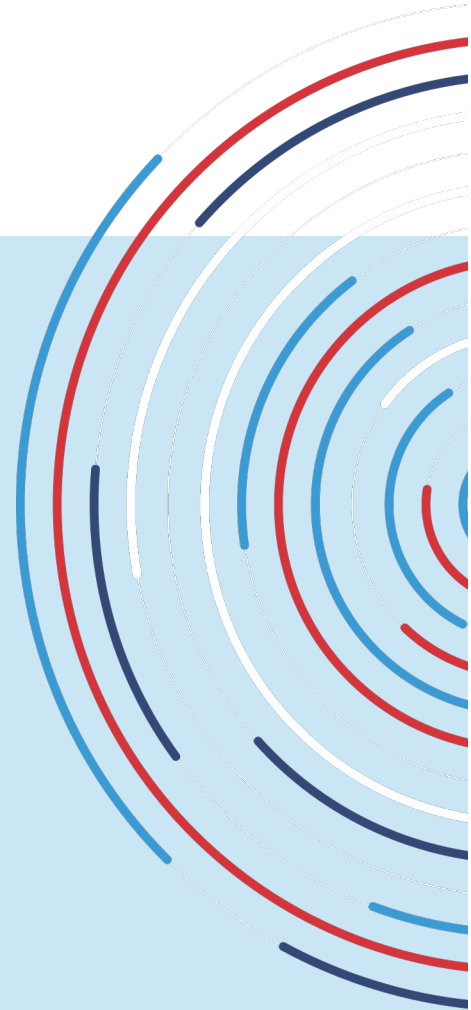




Data & Research: Latest Update from CoAEMSP

Michael G. Miller
Associate Director

General Information

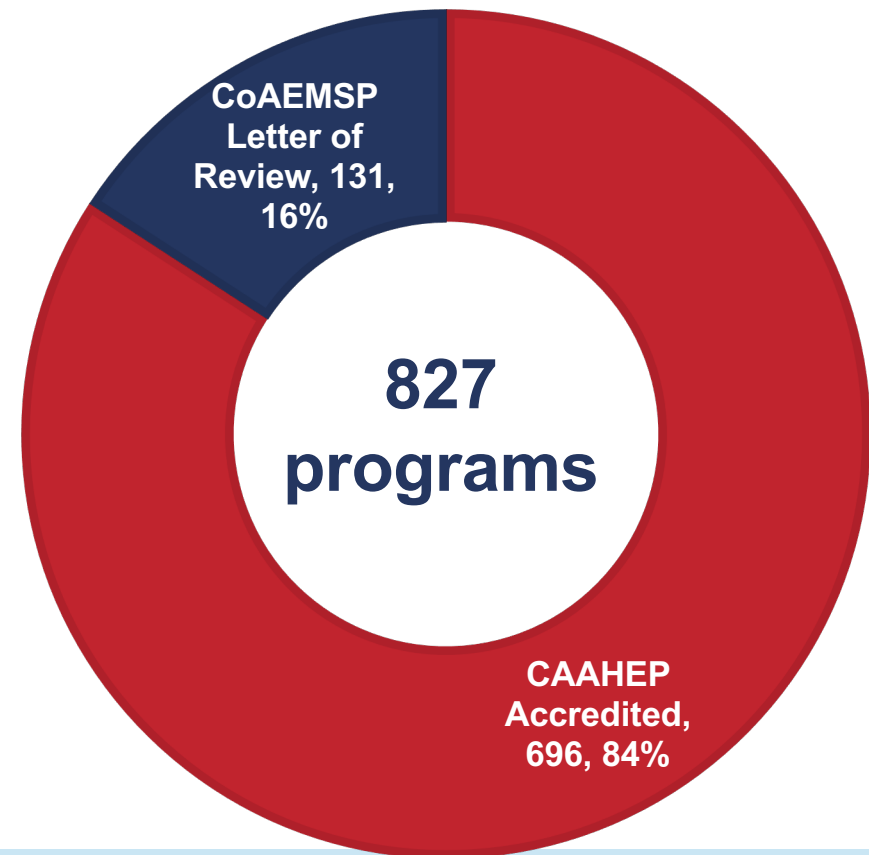


Number of Programs

October 2026

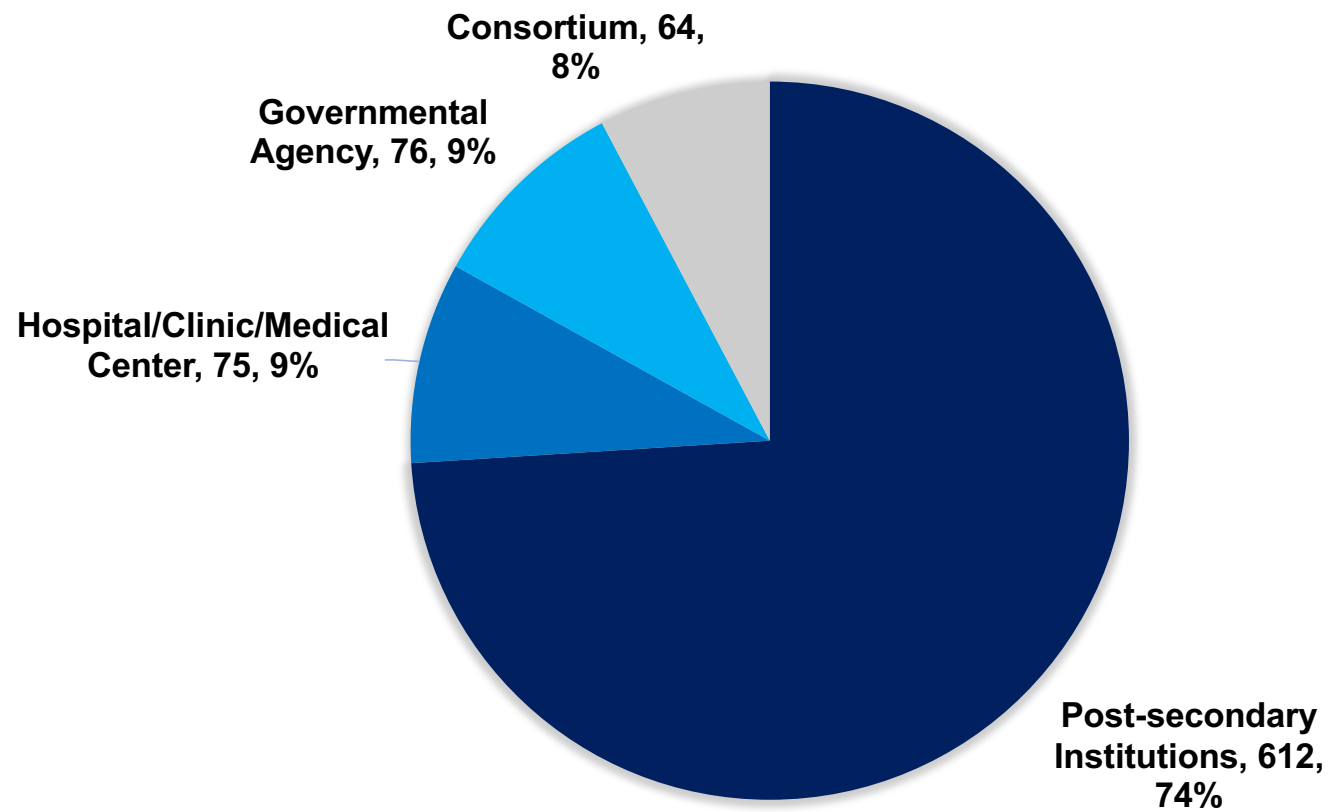
Includes:

- AEMT – 37
- Paramedic – 790



Sponsor Type

Credible Education
through Accreditation



Other Instructional Sites

- Satellite Campuses – 192
- Alternate Locations – 163



Site Visits

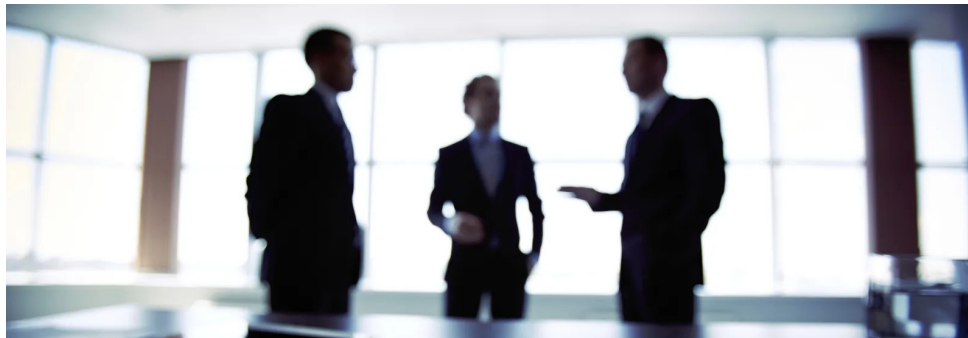
2025

- Preliminary Site Visits – 38
- Initial/Continuing - 184

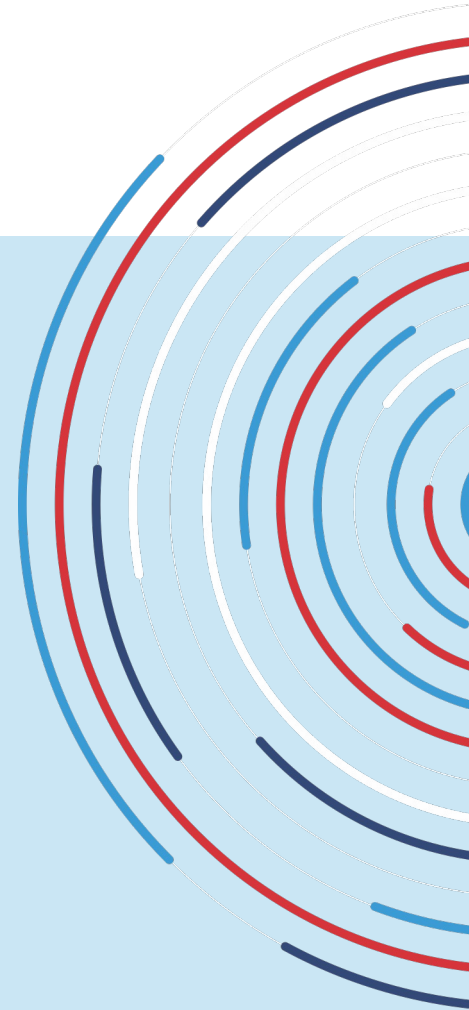
2026

- Preliminary Site Visits – ~45
- Initial/Continuing - ~202

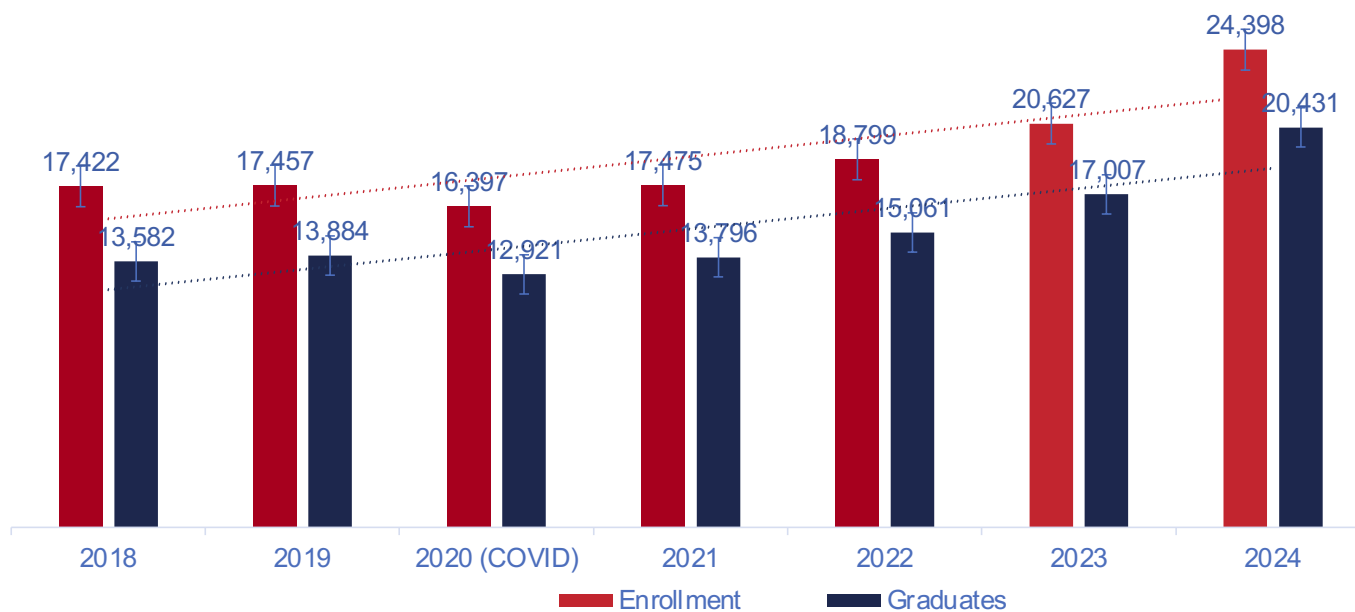
*105 Site visitors



2024 Annual Report Outcomes



Increased Enrollment and Graduation Among Paramedic Programs



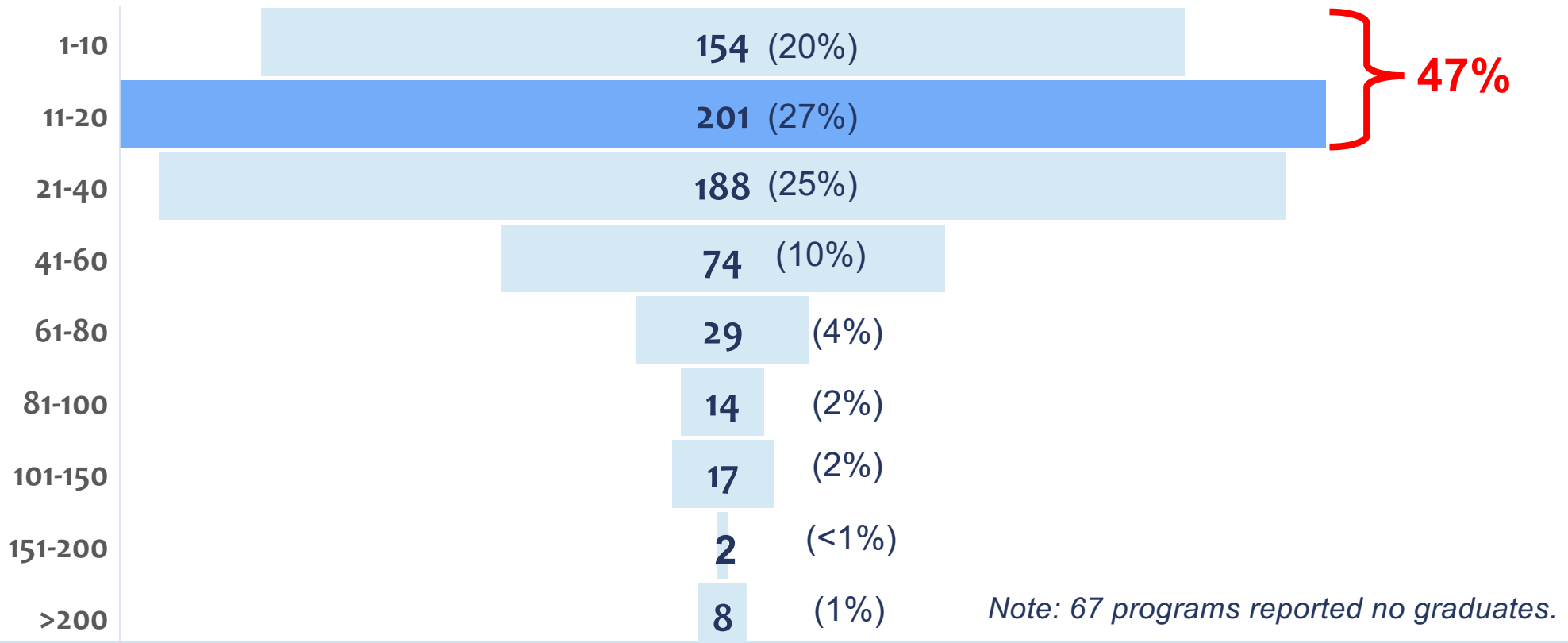
18% Increase in
Enrollment*

12% Increase in
Graduates*

- 2024 compared to 2023
- Data from CoAEMSP Program Annual Reports

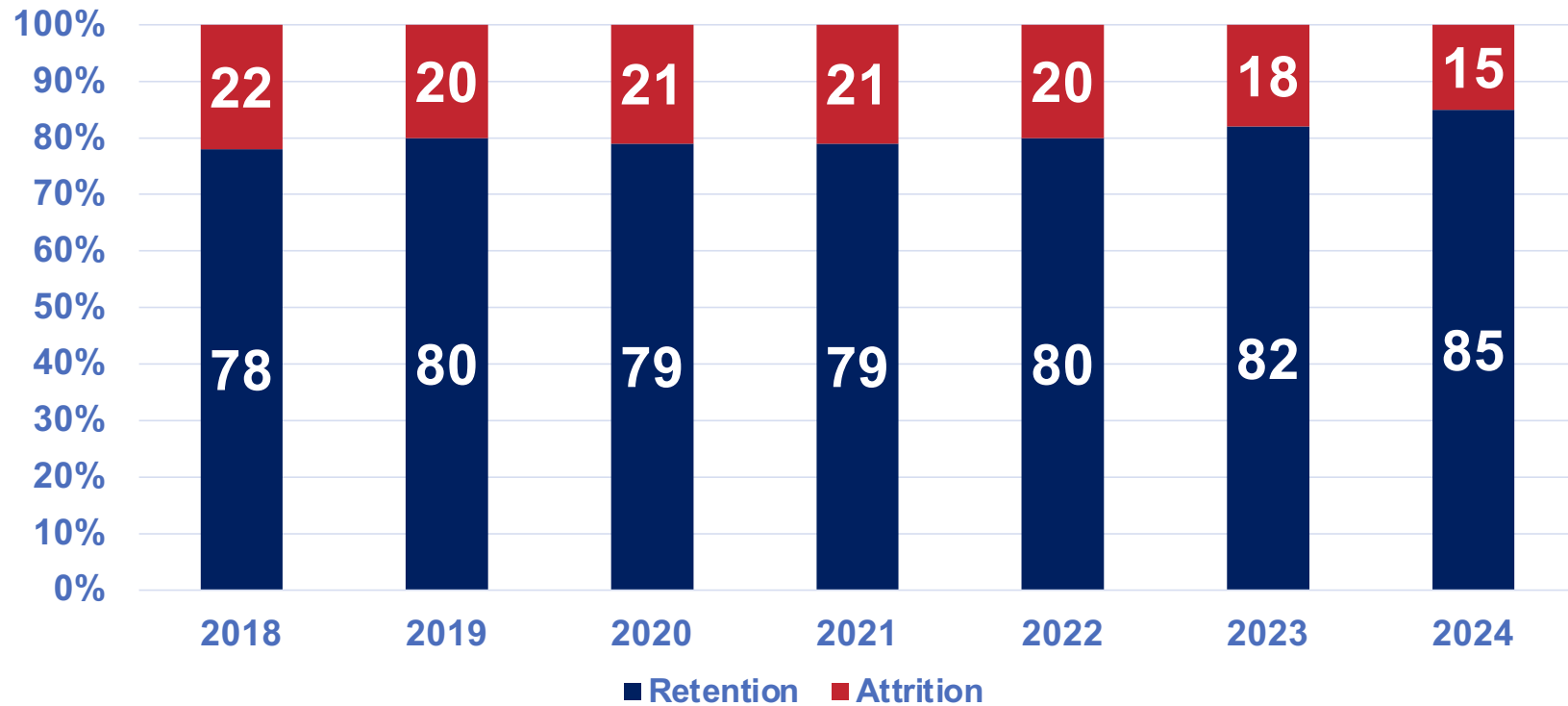
Overall Program Enrollment Size – 2024

Credible Education
through Accreditation



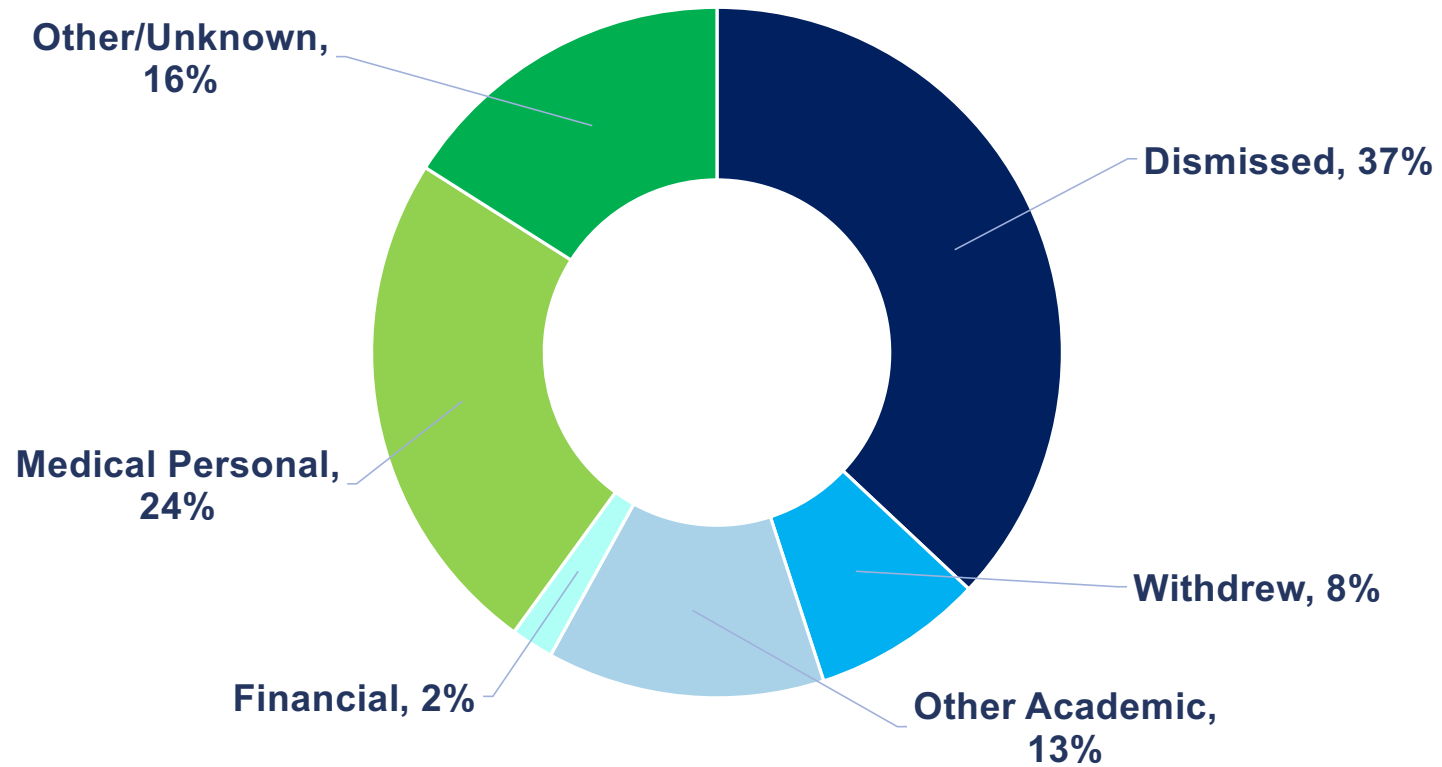
Retention Outcome

Credible Education
through Accreditation



Reasons for Attrition - 2024

Credible Education
through Accreditation



Written Examination Pass Rate 2024

17,849
Exams

90% Pass
Rate – 3
attempts

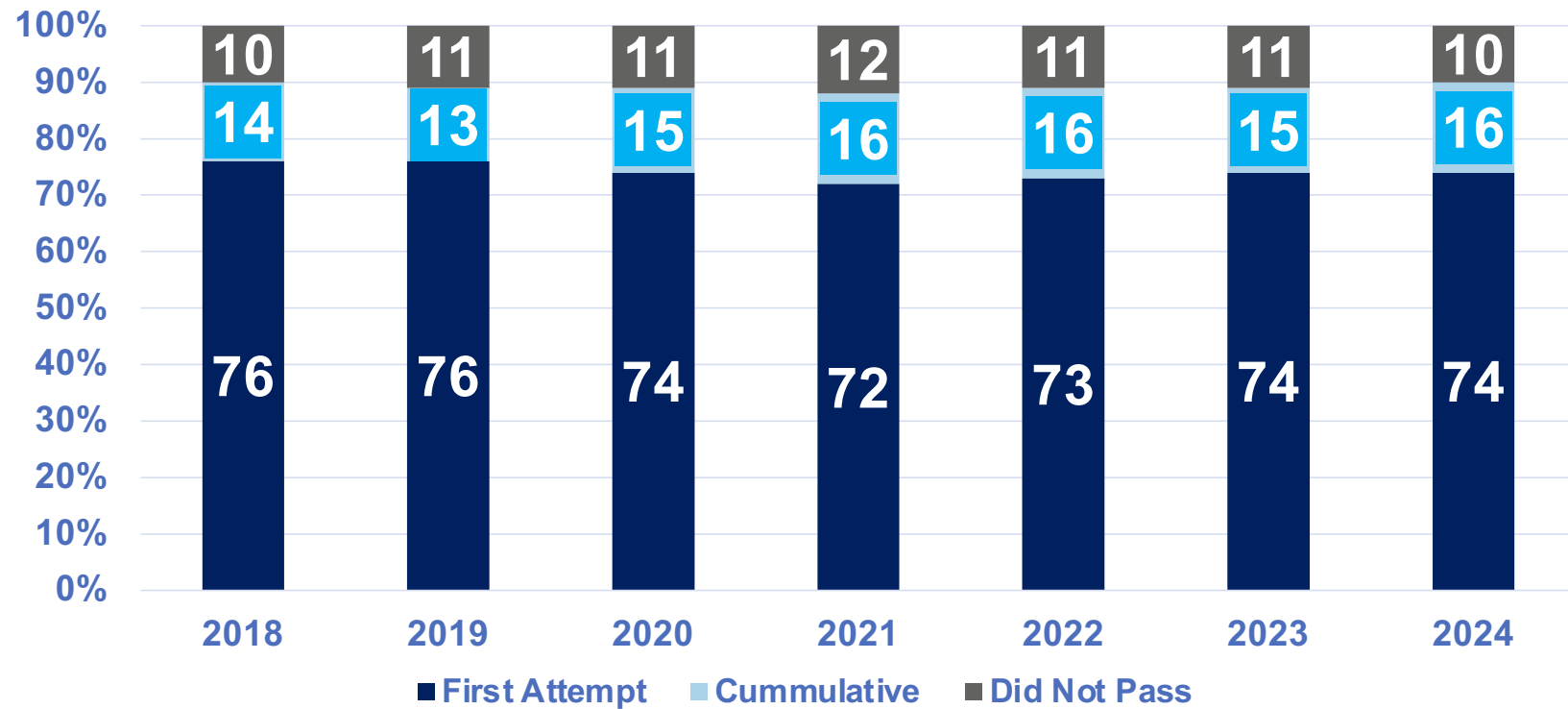
74% Passed
1st Attempt

1%
increase in
pass rates
from 2023

Source: CoAEMSP Program Annual Report - 2024

Examination Outcome

Credible Education
through Accreditation

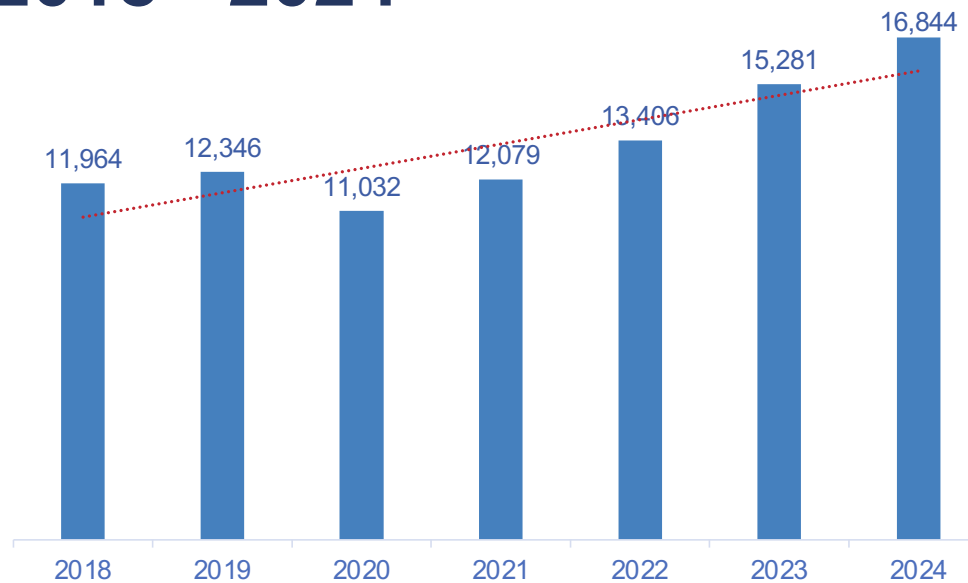


91% Positive Placement

Source: CoAEMSP Program Annual Report - 2024

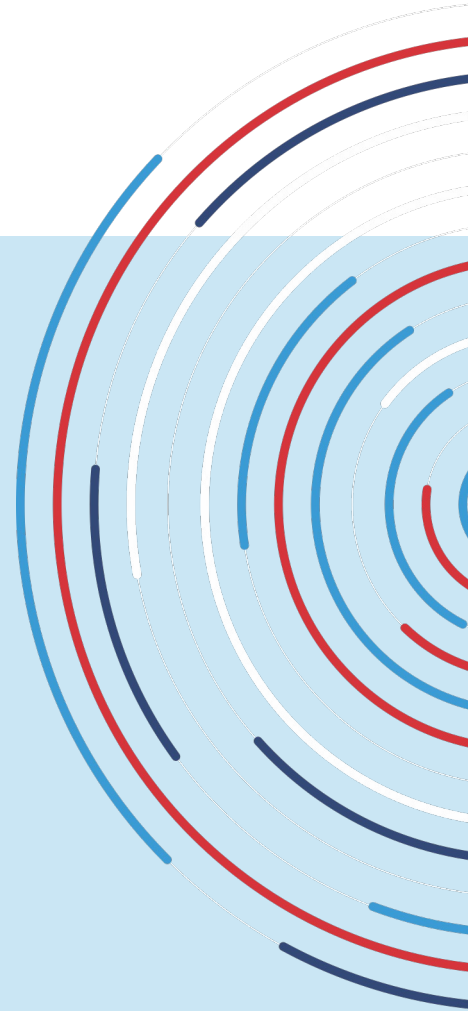


92,900+ New Paramedics Employed Between 2018 - 2024

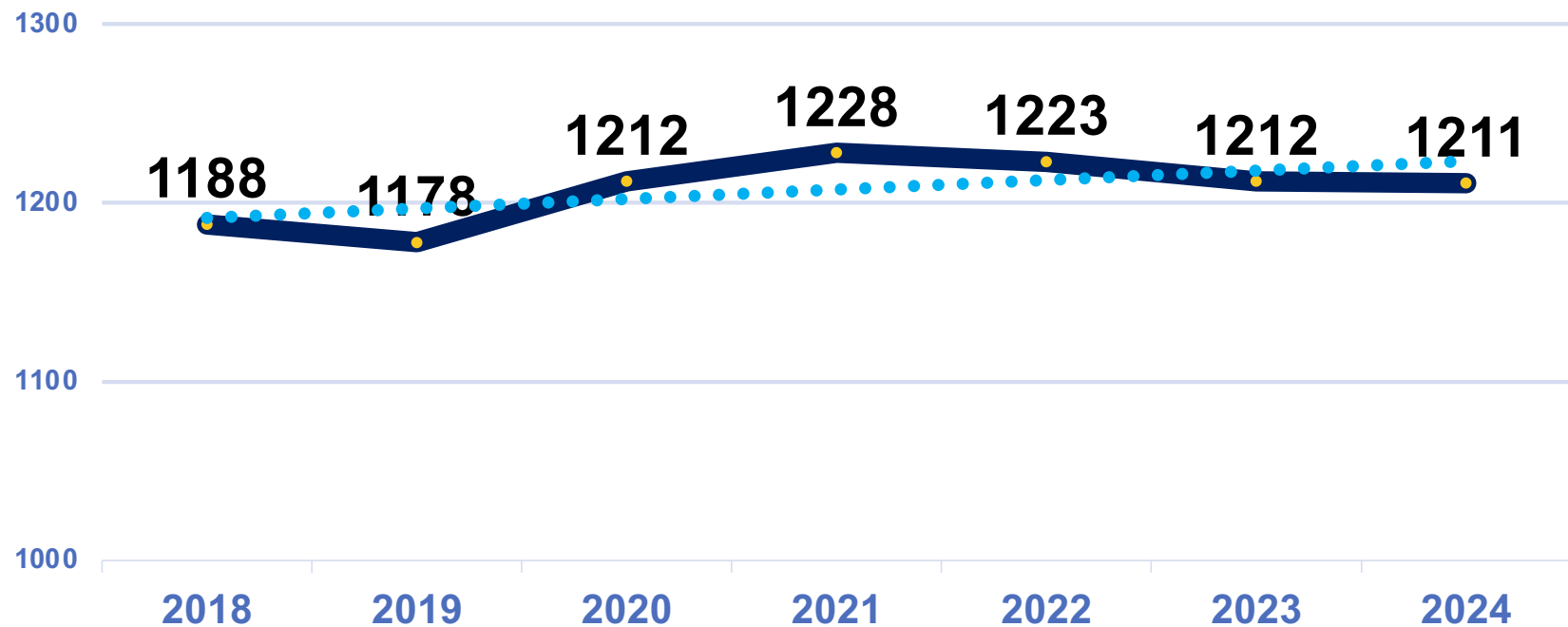


Source: CoAEMSP Program Annual Report - 2024

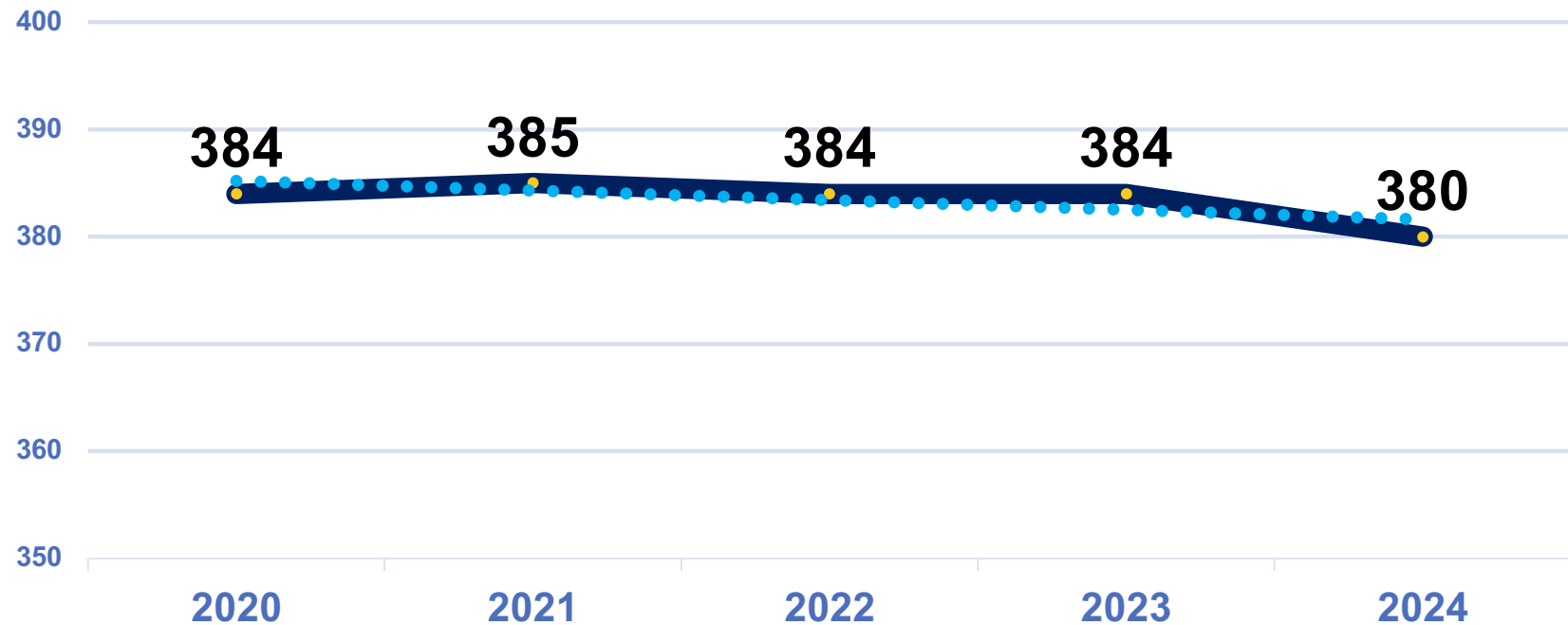
Instructional Hours - 2024



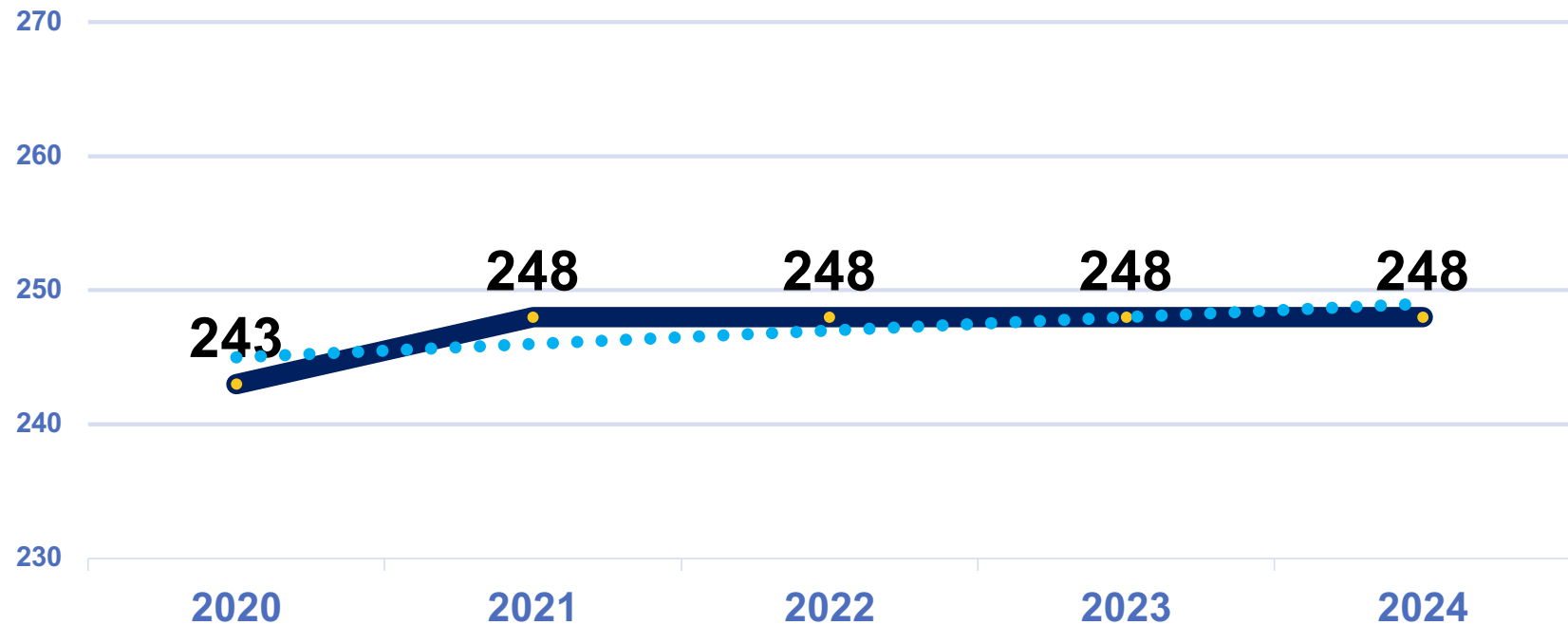
Total Instructional Hours



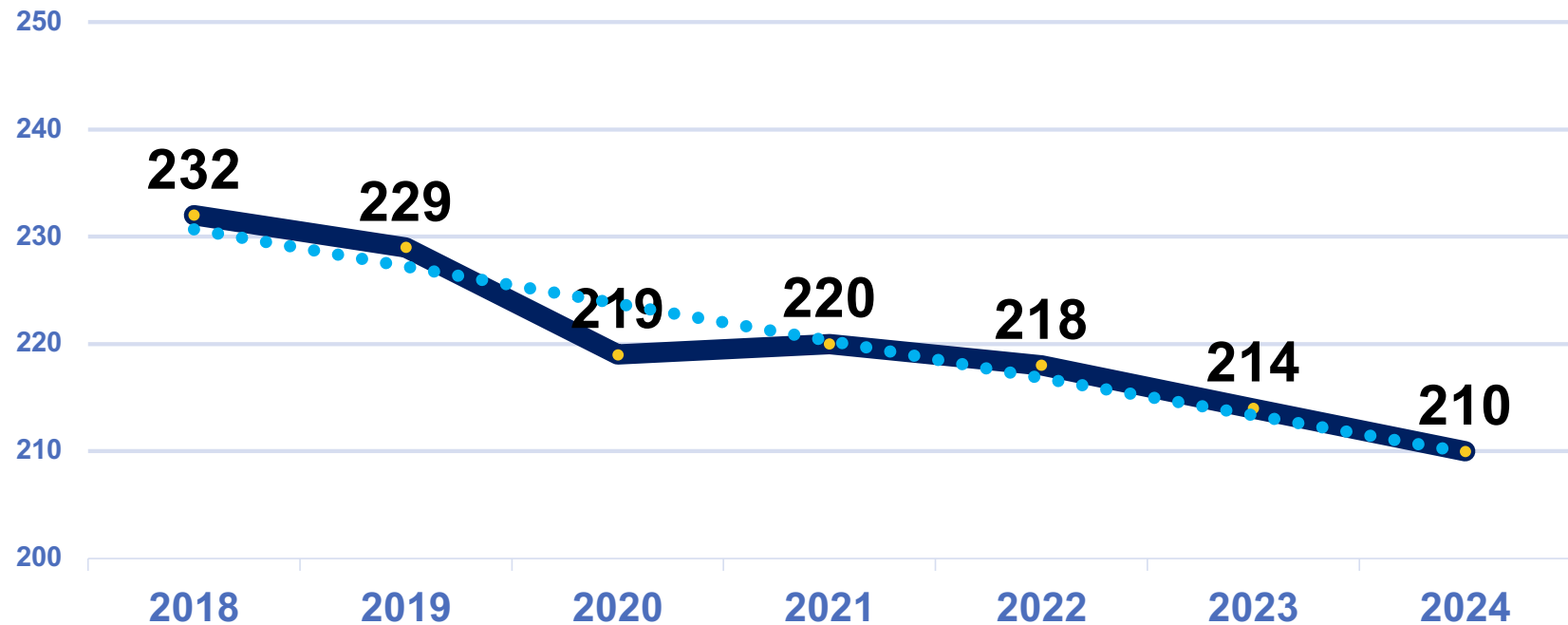
Total Didactic (Classroom) Hours



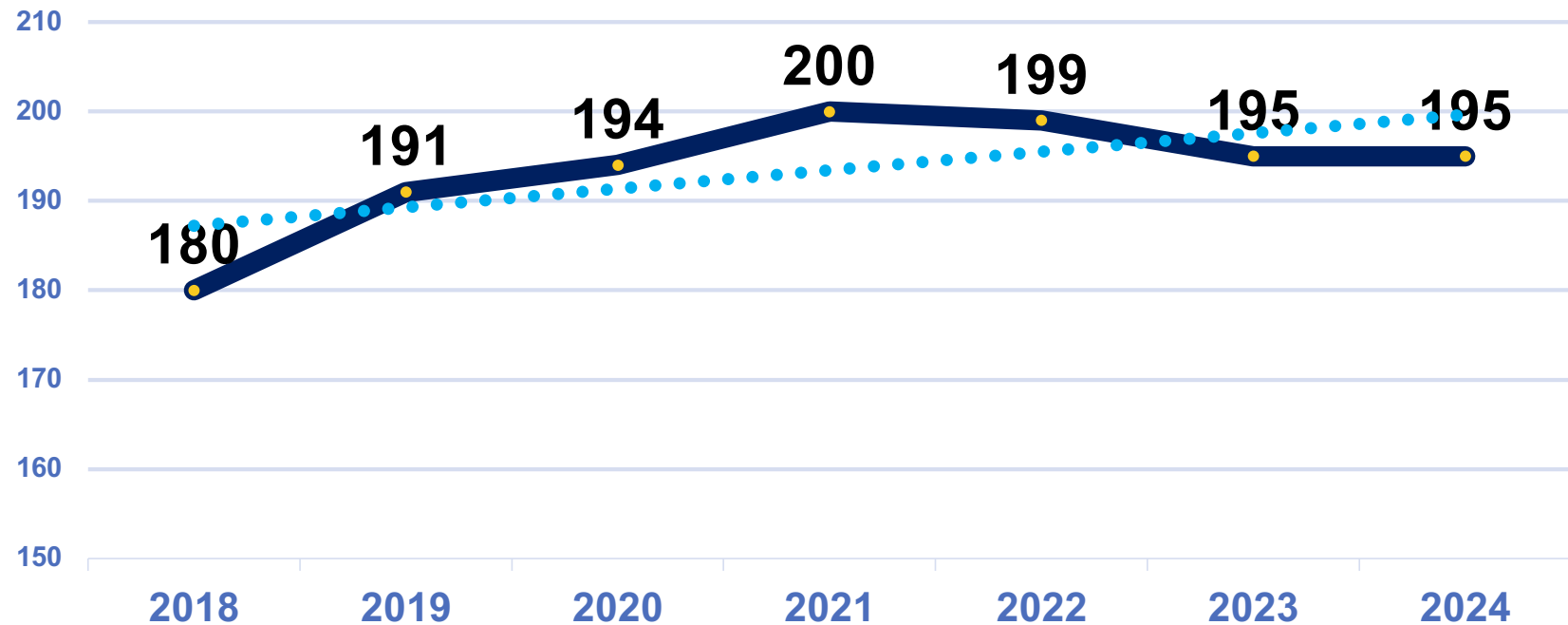
Total Laboratory/Simulation Hours



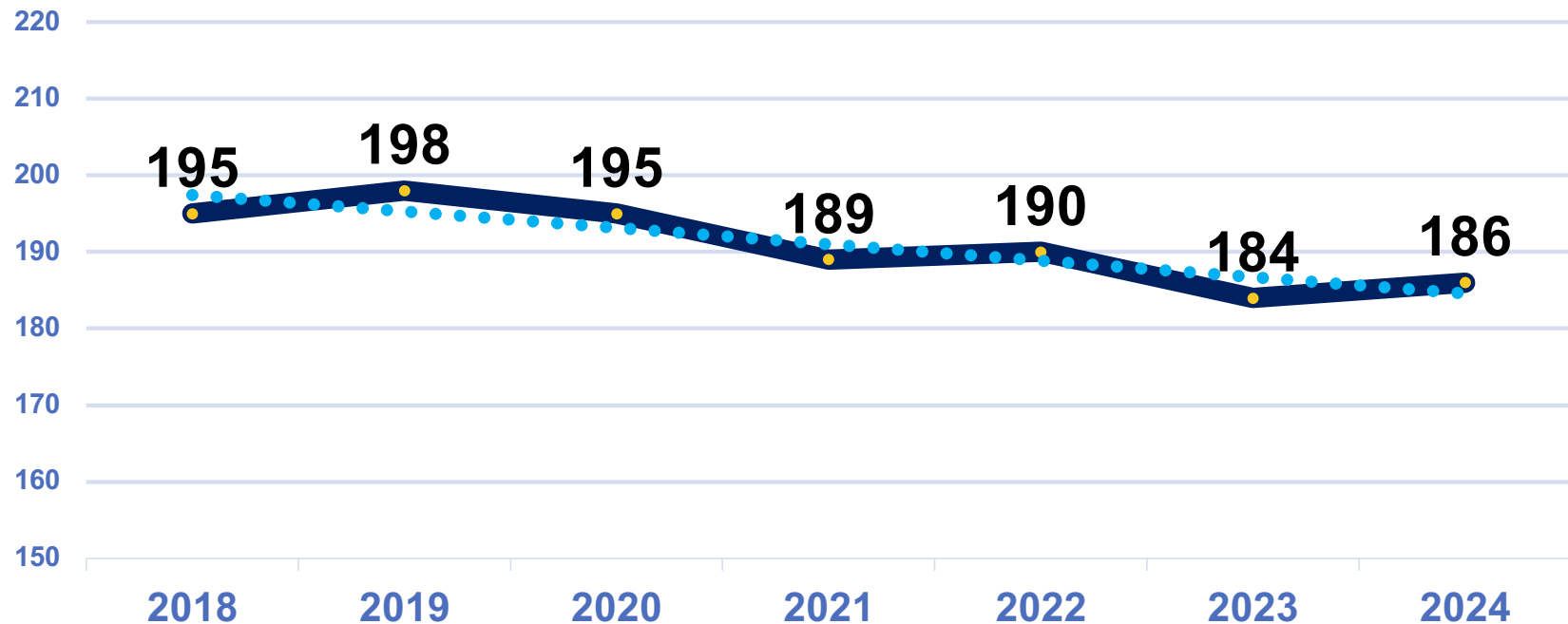
Total Clinical (Hospital/Clinic) Hours



Total Field Experience Hours



Total Capstone Field Internship Hours



Media & Research

Media Resources

Articles

- Clinical and Field Resource Gaps in Paramedic Education by Michael G. Miller, EdD (June, 2025)
- We are EMS Educators by Limmer Education – Helping Every Student Succeed: A National Survey by George Hatch, EdD (May, 2025)
- Addressing the EMS Workforce Shortage Through Educational Excellence, by Navin Arora, MD, and George Hatch, EdD (May, 2025)
- One Strategy for Addressing the EMS Workforce Shortage, by Lori Burns, MSN, RN (April, 2025)
- Why I am a Believer in Accreditation, by Megan Corry, EdD, NRP (April, 2025)
- Getting Ready for AEMT Voluntary Accreditation, by George Hatch, EdD
- How Accreditation of Paramedic Education Programs is Helping to Address the Workforce Crisis, by Michael Miller, EdD, RN, NRP (October, 2024)
- Survey: AEMT Program Directors Enthusiastic About Voluntary Accreditation, by George Hatch, EdD (November, 2023)
- AEMT Education is Fragmented, Lacking National Standards, by George Hatch, EdD (May, 2023)

Podcasts

Research Initiatives

The CoAEMSP encourage the use of quality data sources—including data collected from site visit reports—in addition to research conducted by other organizations—to inform more about our data use policy in the [CoAEMSP Policies and Procedures Manual](#).

Research conducted by CoAEMSP on the value of accreditation

- CoAEMSP Survey of OEMS Leaders**
- 98% Agreed** 98% of respondents that have taken part of...
- Most valuable parts**
- Most challenging parts**

Research conducted by the EMS field, including CoAEMSP staff, on strengthening the EMS workforce

- Understanding Program Attrition: The Influence of Entry Requirements and Student Resources**
- We found substantial variability in baseline program entry requirements and the availability of common...

Attrition

Credible Education
through Accreditation



ORIGINAL RESEARCH

Emergency Medical Services



Understanding Program Attrition: The Influence of Entry Requirements and Student Resources

Shea L. van den Bergh MPH¹ , Jacob C. Kamholz MPH, NRP^{1,2},
Jonathan R. Powell MPA, NRP^{1,3,4}, Christopher B. Gage MHS, NRP^{1,3},
Lisa Collard⁵, Michael G. Miller EdD, RN⁵, Ashish R. Panchal MD, PhD^{1,3,6}

Received: 24 October 2022 | Revised: 16 January 2023 | Accepted: 6 February 2023

DOI: 10.1002/emp2.12917

ORIGINAL RESEARCH

Emergency Medical Services

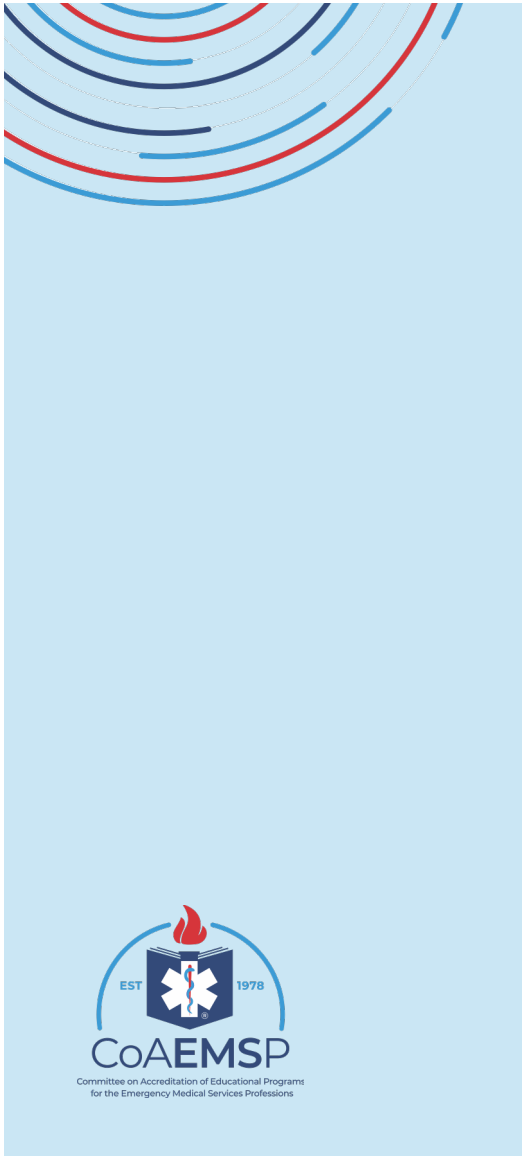


WILEY

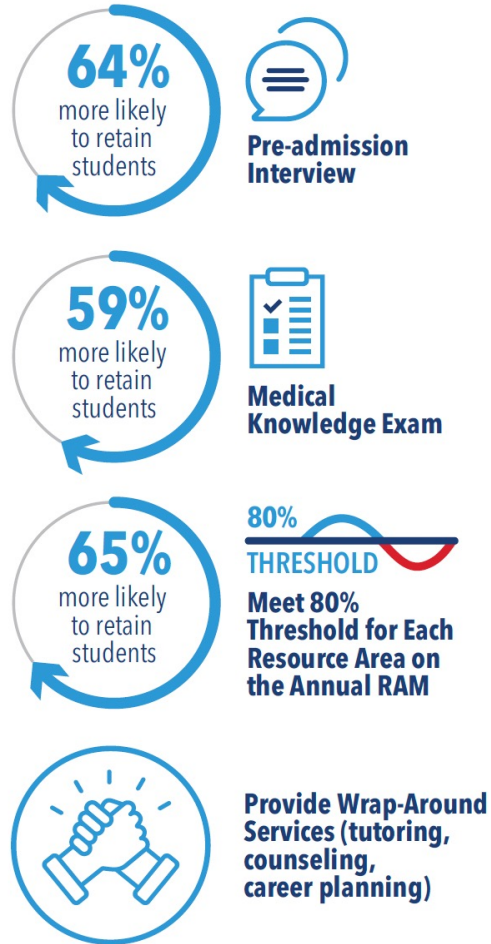
Paramedic educational program attrition accounts for significant loss of potential EMS workforce

Matthew Ball MD¹ | Jonathan R. Powell MPA, NRP^{2,3}  | Christopher B. Gage MHS,
NRP^{2,3}  | Katelynn A. Kapalo PhD² | Jordan D. Kurth PhD² | Lisa Collard AS⁴ |
Michael G. Miller EdD, RN⁴ | Ashish R. Panchal MD, PhD^{2,3,5} 





Program entry requirements correlate with *increased* student retention



Credible Education
through Accreditation

CoAEMSP
Committee on Accreditation of Educational Programs
for the Emergency Medical Services Professions

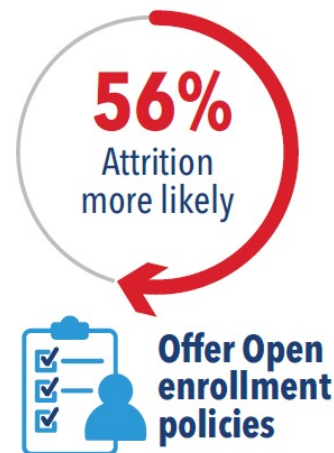
Paramedic educational program entry requirements and student resources and their association with attrition

Shea L. van den Bergh, MPH¹, Lakeshia T. Logan, DMSc, PA-C¹, Christopher B. Gage^{1,2}, Michael G. Miller³, Kathryn Crawford³, Lisa Collard³, Jonathan R. Powell^{1,2}, Ashish R. Panchaj^{1,2,4}

NATIONAL REGISTRY - EMERGENCY MEDICAL TECHNICIANS

1. The National Registry of Emergency Medical Technicians, Columbus, Ohio, USA
2. The Ohio State University, College of Public Health, Division of Epidemiology, Columbus, Ohio, USA
3. Committee on Accreditation of Educational Programs for the Emergency Medical Services Professions, Rowlett, Texas, USA
4. The Ohio State University, Department of Emergency Medicine, Columbus, Ohio, USA

Certain program
qualities correlate
with **decreased**
student retention



Data from Paramedic Program Entry Requirements and Student Resources and Their Association with Attrition, Paramedic Educational Program Attrition Accounts for Significant Loss of Potential EMS Workforce and CoAEMSP 2021 Program Annual Report

Workforce

PREHOSPITAL EMERGENCY CARE
2024, VOL. 28, NO. 2, 333–334
<https://doi.org/10.1080/10903127.2023.2249566>



Taylor & Francis
Taylor & Francis Group

FOCUS ON WORKFORCE

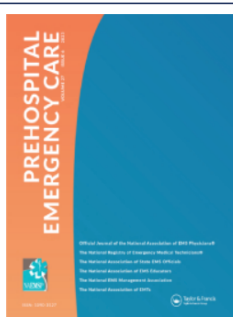


Prehospital Workforce Changes: 10-Year Evaluation of National Registry Certifications

Not Just 9-1-1: The Expanded Work Environment of United States Emergency Medical Service Clinicians

Christopher B. Gage¹, Jonathan R. Powell¹, Christine B. Cooke¹, Jacob C. Kamholz¹, Shea van den Bergh¹, Jordan D. Kurth², Ashish Panchal³

Program Resources



PREHOSPITAL
EMERGENCY CARE

Official Journal of the National Association of EMS Physicians
The National Association of EMS Educators
The National Association of EMS Chiefs
The National Association of EMS Trainers
The National Association of EMS Instructors
The National Association of EMS Educators
The National Association of EMS Trainers
The National Association of EMS Instructors

Prehospital Emergency Care

ISSN: (Print) (Online) Journal homepage: <https://www.tandfonline.com/loi/ipec20>



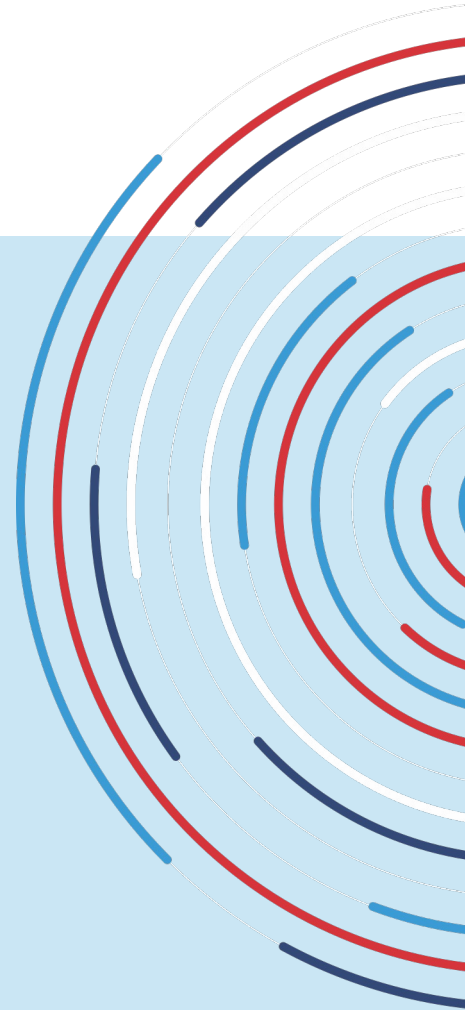
Taylor & Francis
Taylor & Francis Group

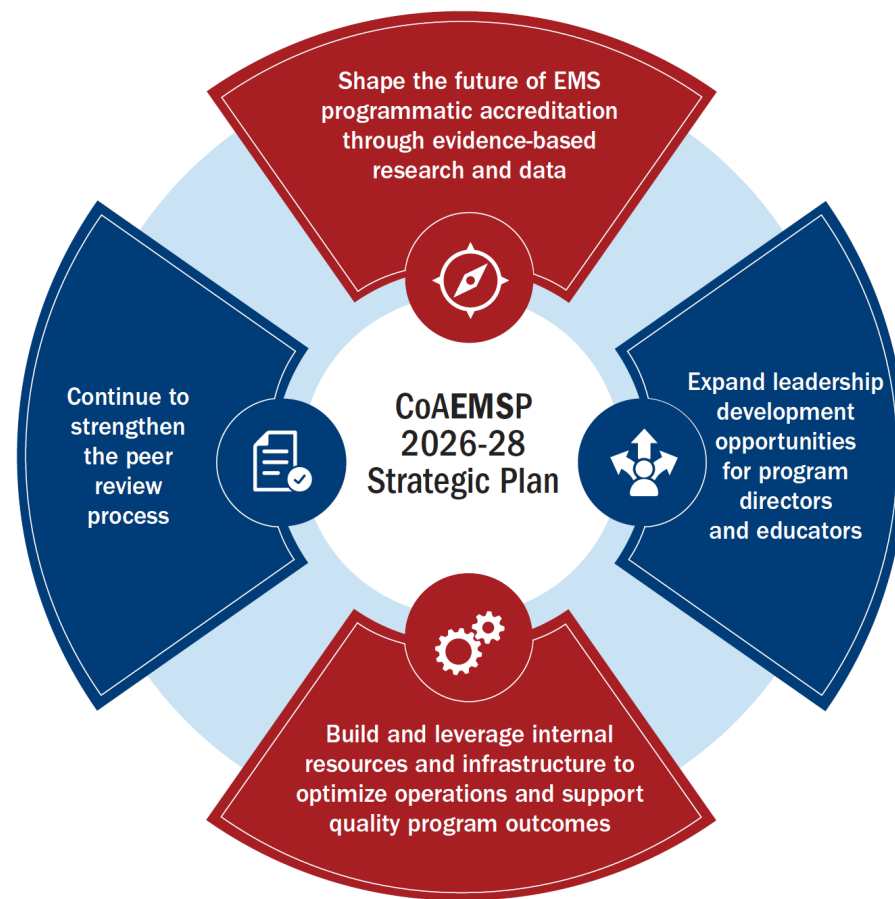
Medical Directors, Facilities, and Finances: Resource Deficiencies in Accredited Paramedic Programs

Michael Kaduce, Jonathan R. Powell, Lisa Collard, Christopher B. Gage,
Michael G. Miller & Ashish R. Panchal

Program Directors

”...assess the status and nature
of the program director role...”

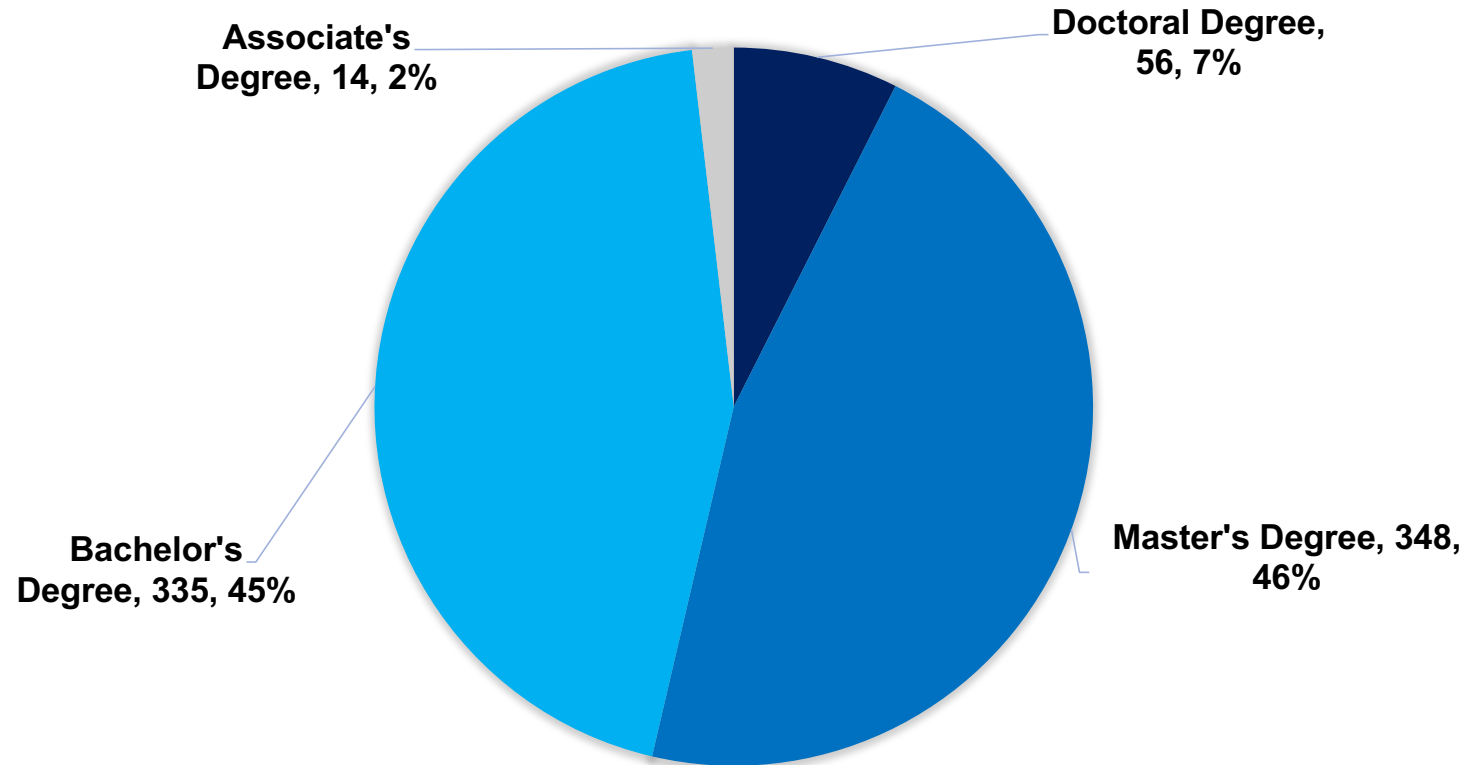




CoAEMSP Strategic Plan. May 2026

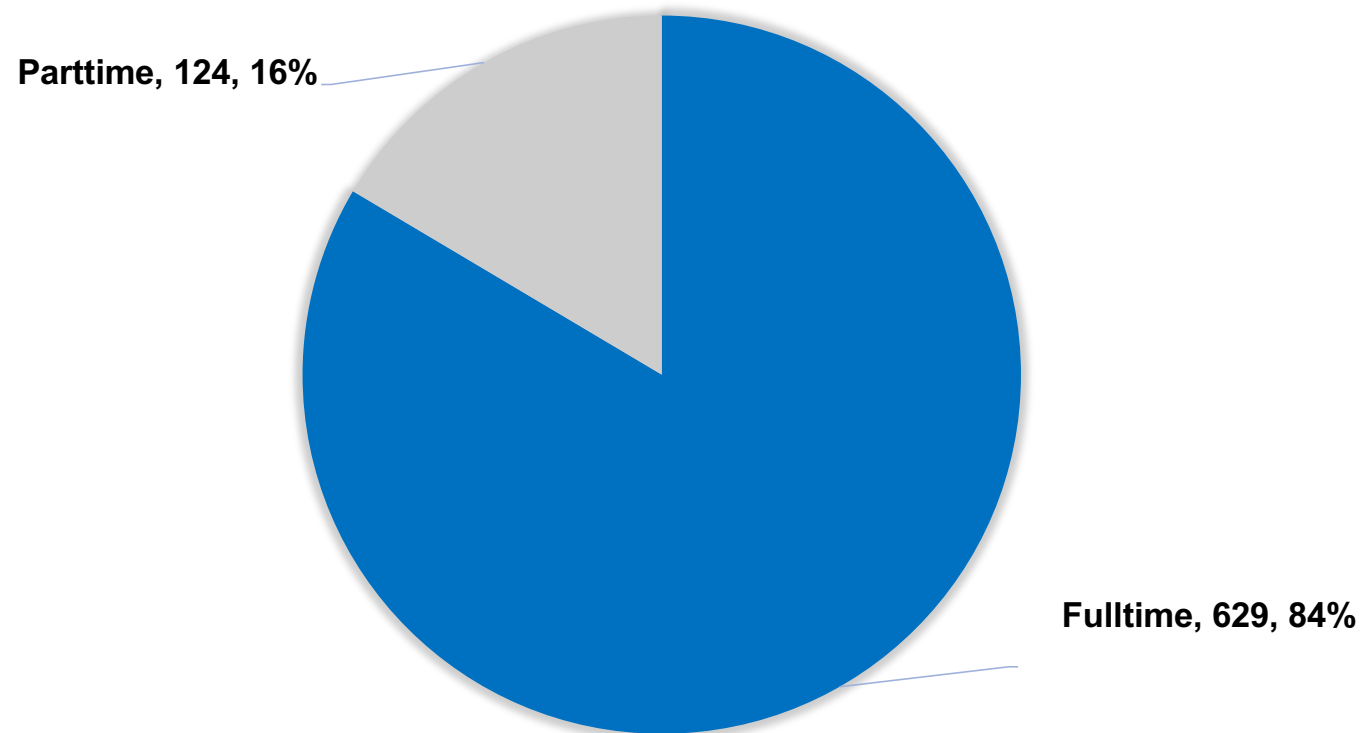
Education Level

Credible Education
through Accreditation



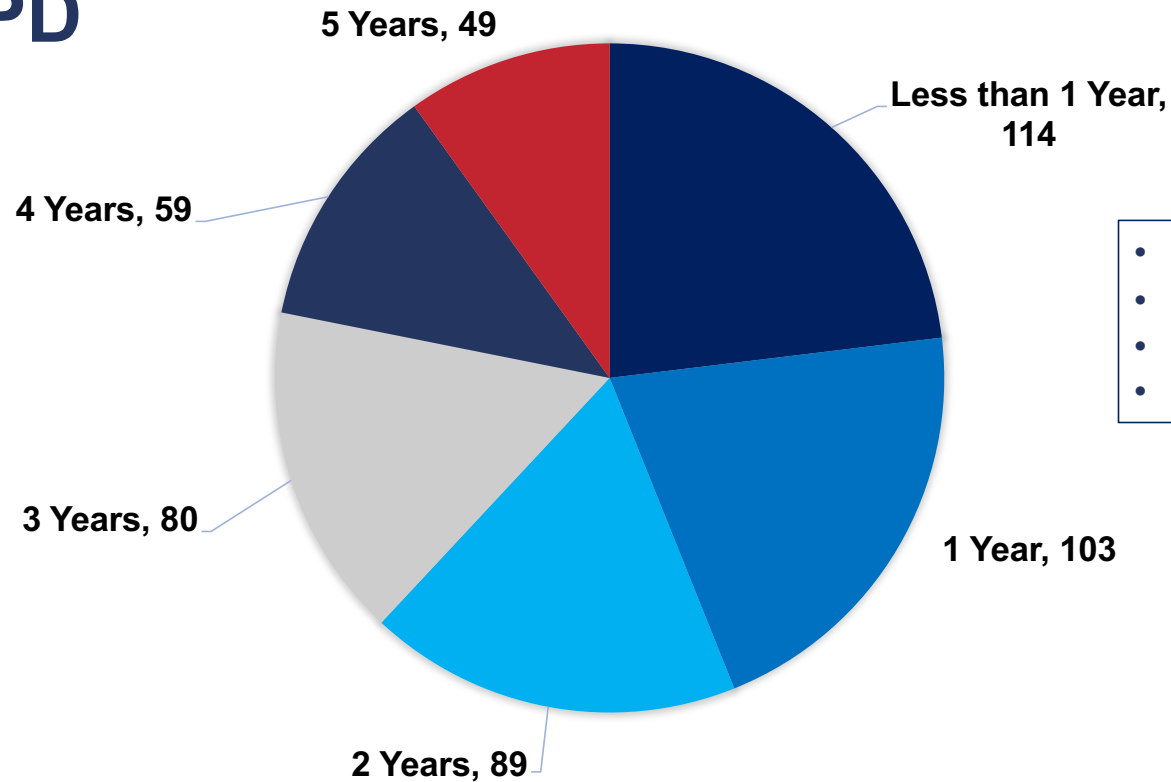
Employment Status

Credible Education
through Accreditation



Continuous Years as PD

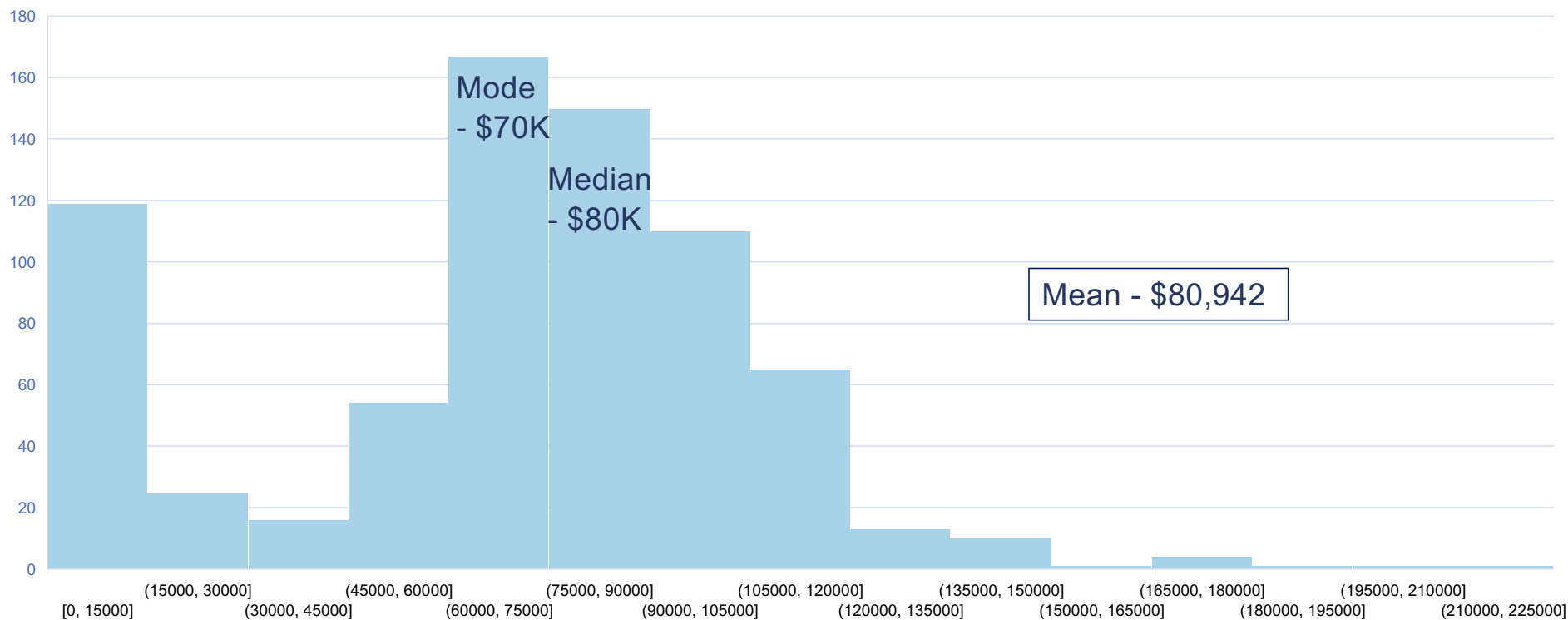
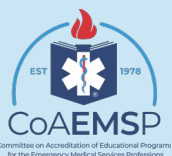
Credible Education
through Accreditation



- 41% of PDs in role 2 years or less
- High – 35 years
- Mean – 5 years
- Median – 3 years

Program Director Salary

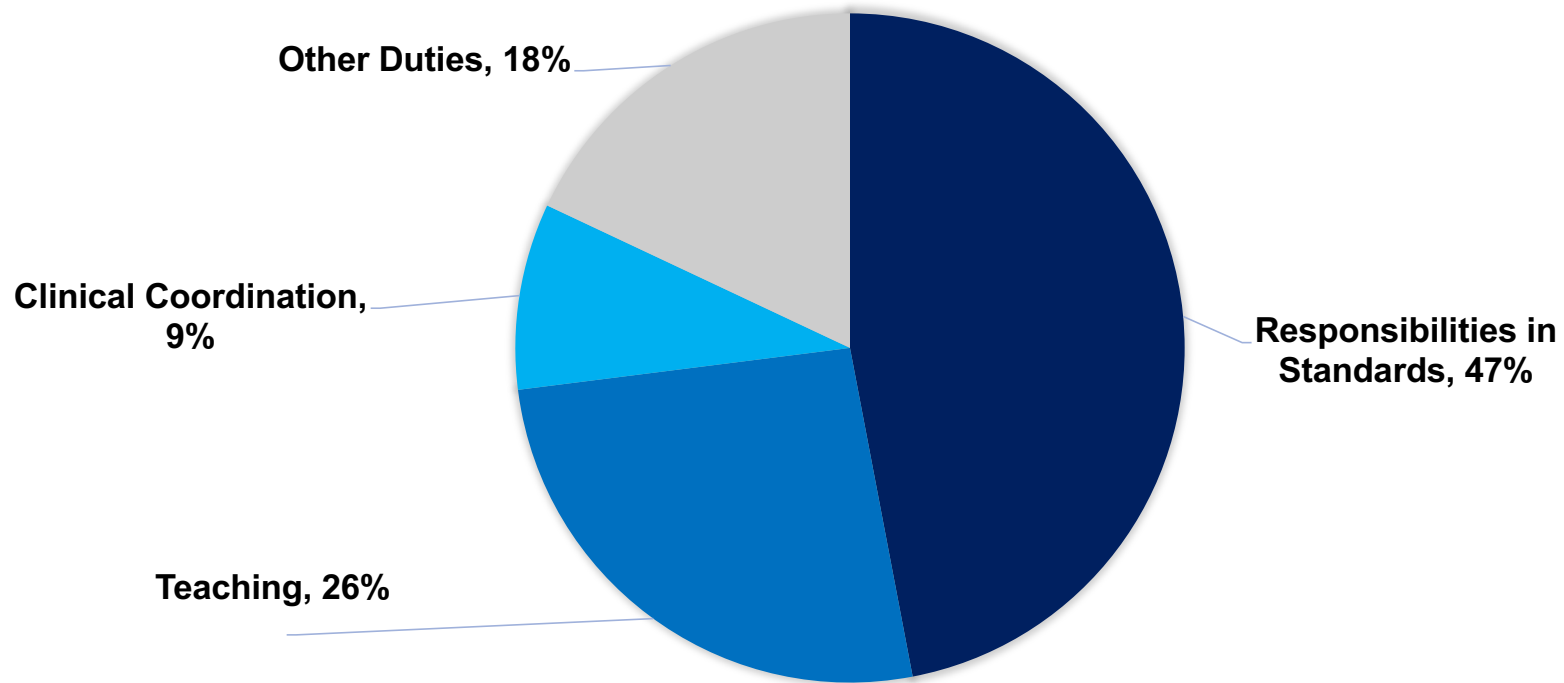
Credible Education
through Accreditation



**Note: 85 PDs "Prefer not to disclose"*

PD Responsibilities

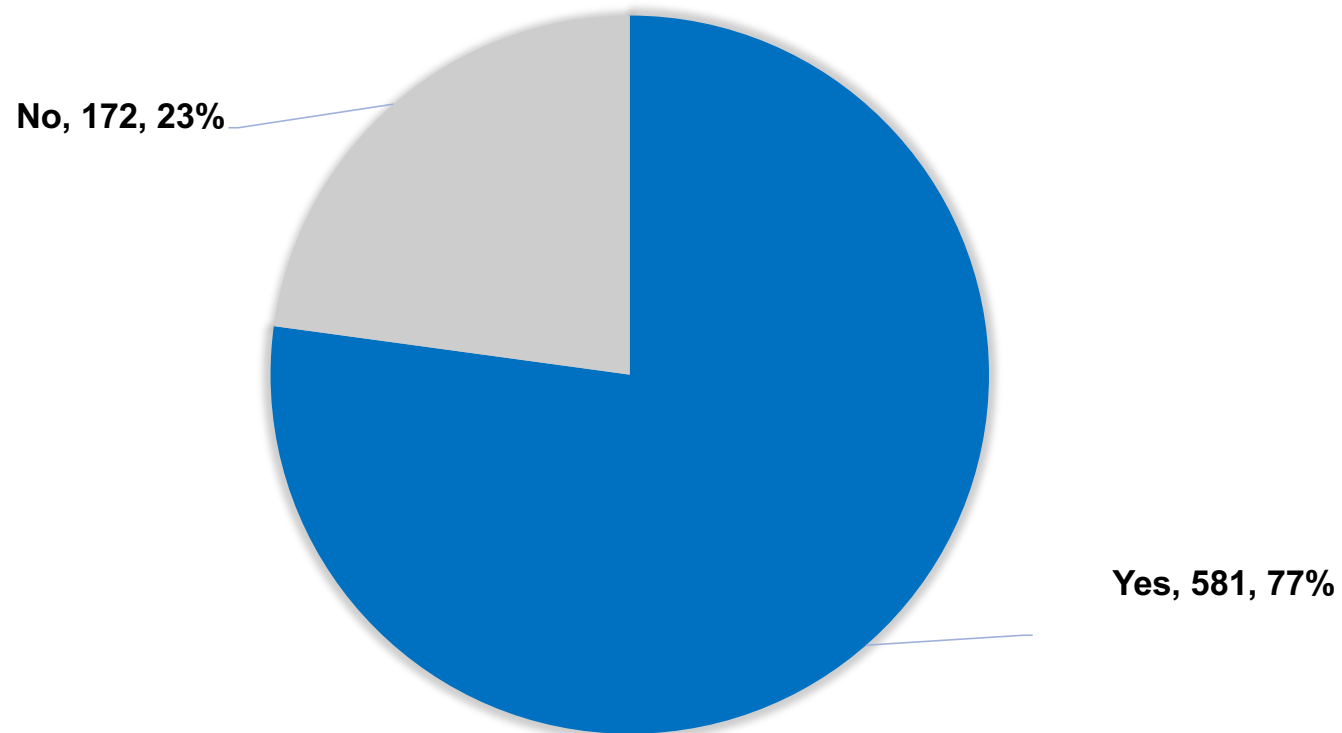
Credible Education
through Accreditation



**Note: Percentages reflect mean values*

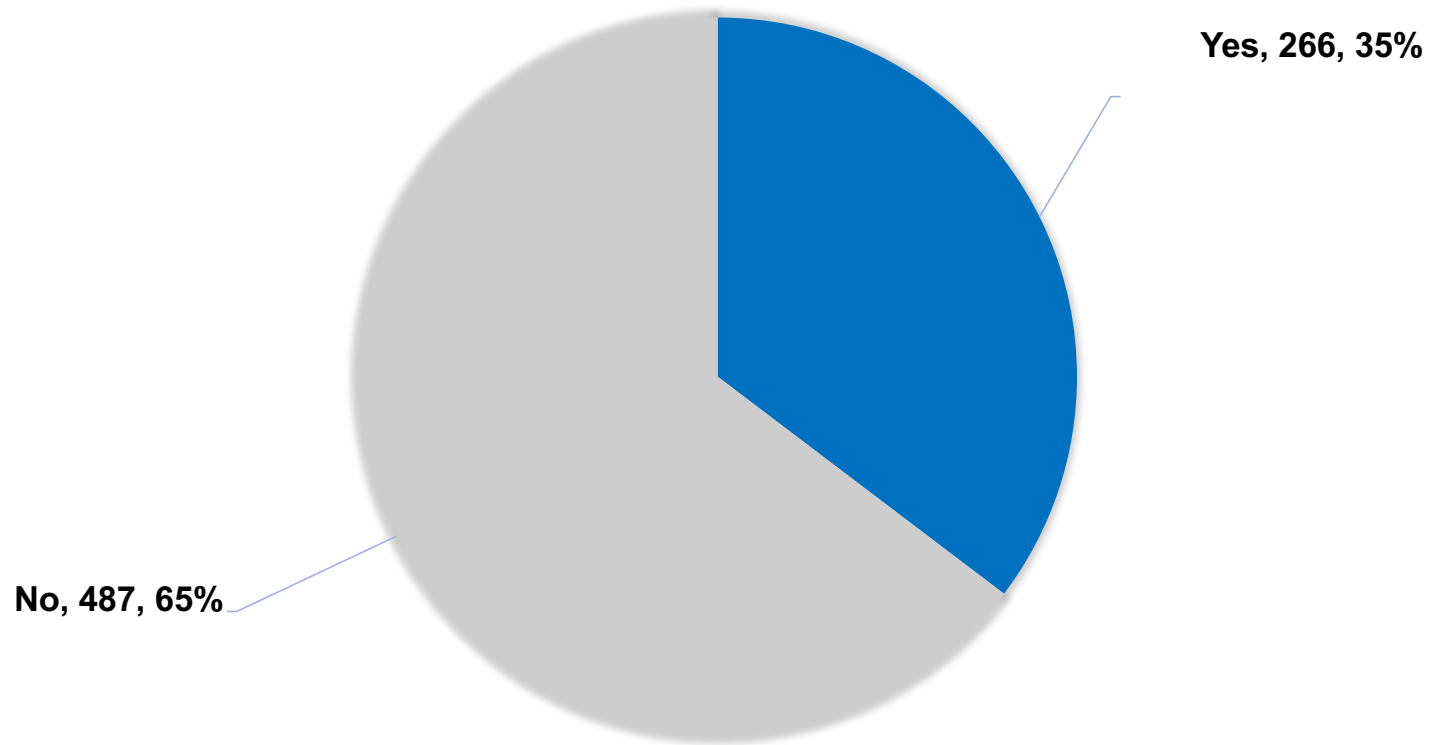
Dedicated Clinical Coordinator

Credible Education
through Accreditation



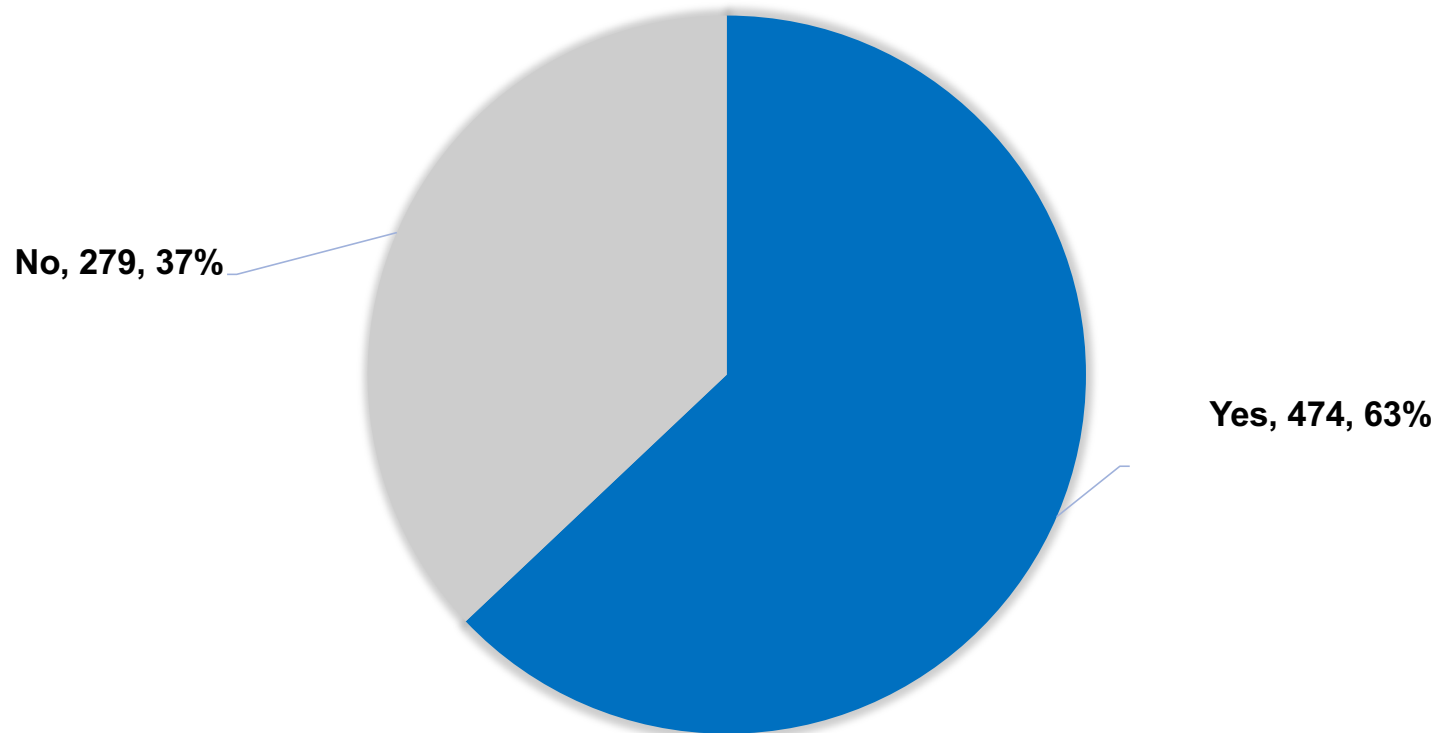
Dedicated Lab/Sim Coordinator

Credible Education
through Accreditation



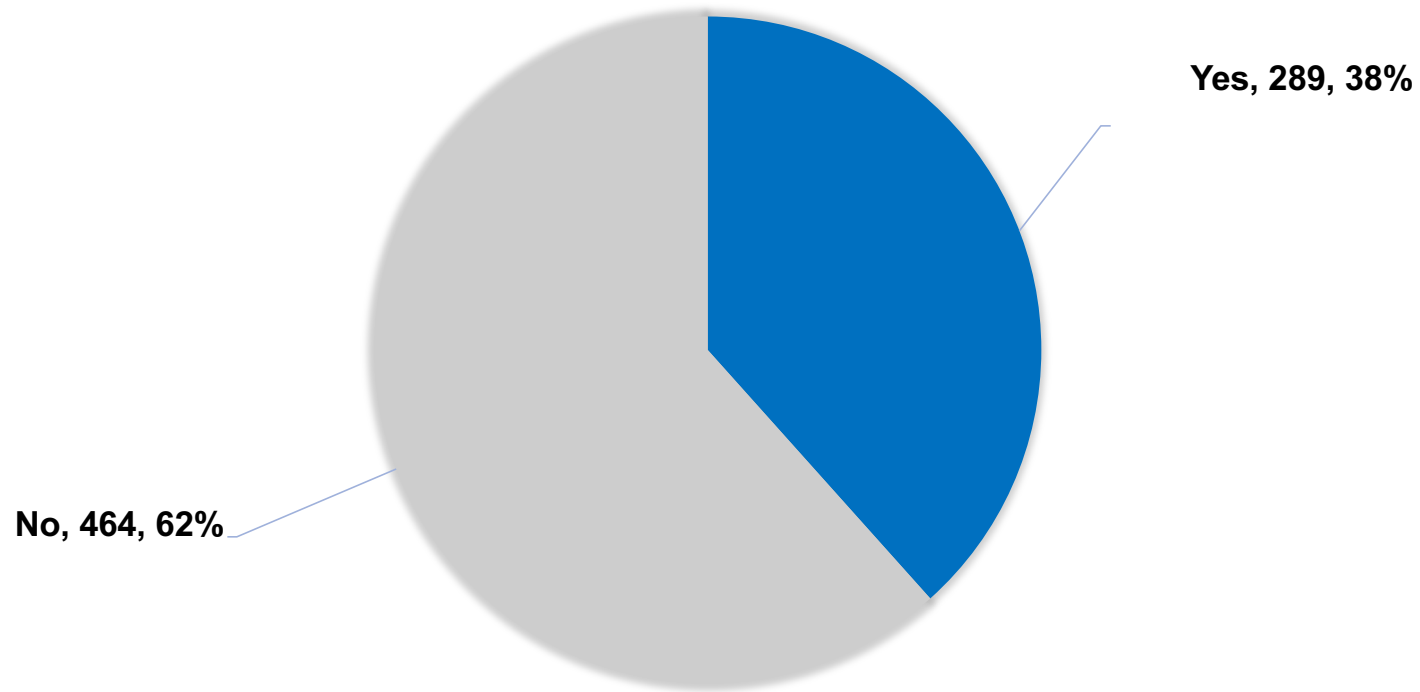
Dedicated Lead Instructor

Credible Education
through Accreditation



Are you training/mentoring someone to become a Program Director?

Credible Education
through Accreditation



Future Research Projects

- Ongoing monitoring of outcomes
- Predictors of student success
- Workforce trends
- Program Director roles and responsibilities
- Medical Director roles and responsibilities
- AEMT accreditation
- Distance education
- Program policy and use of artificial intelligence
- Clinical and Field Internship

Credible Education
through Accreditation



Thank you!