

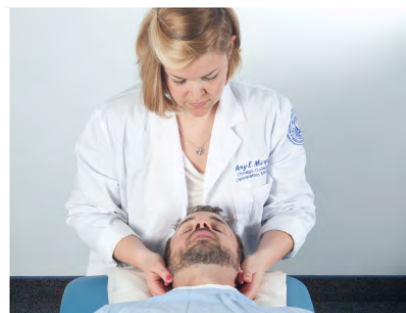


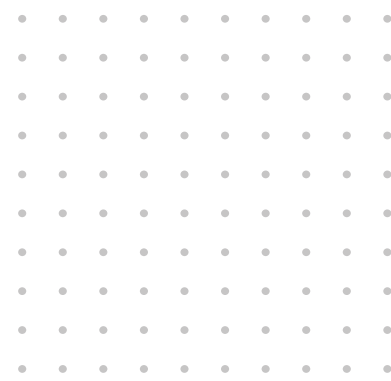
2023-2024

American Osteopathic Association

Graduate Medical Education Report

osteopathic.org





About us

Graduate Medical Education (GME)

The American Osteopathic Association (AOA) Graduate Medical Education (GME) report tracks the expansion and growth within the osteopathic medical profession at the GME level and examines current demographics and trends related to osteopathic physicians in training (residents and fellows). This AOA GME Annual report covers the 2023-2024 academic year. The AOA receives annual data from the Accreditation Council on Graduate Medical Education (ACGME) on the number of osteopathic physicians currently enrolled in an ACGME-accredited program. The AOA also receives data from ACGME on the number of allopathic physicians who are designated as receiving additional osteopathic education in ACGME programs with Osteopathic Recognition. In addition, the AOA also maintains data on the residents in programs that did not transition to the single GME accreditation system and are under the AOA's restricted accreditation authority.

— — During the 2023-2024 academic year, 29,631 osteopathic physicians were active residents and fellows in 131 specialties and subspecialties. The following report provides additional details on the specialty and location of DO physicians-in-training, as well as information on ACGME programs with Osteopathic Recognition.



25,595

DOs training in a specialty or transitional year program



4,036

DOs training in a subspecialty



29,631

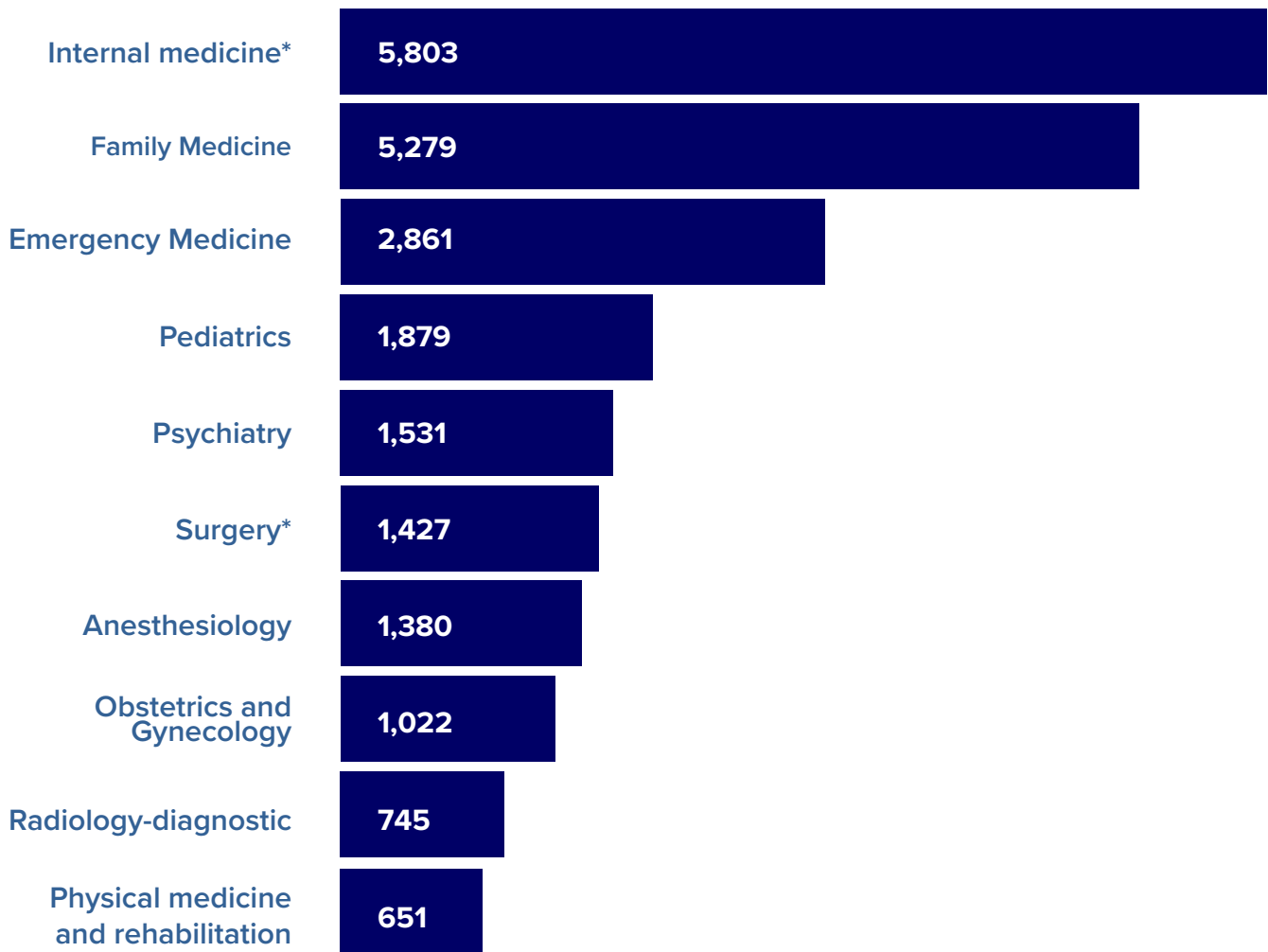
total osteopathic physicians in graduate medical education

Over 18% of all Residents and Fellows in the US are DOs

DOs training in all specialties

Osteopathic physicians-in-training are currently enrolled in all 31 ACGME specialties and 100 ACGME subspecialties. Continuing the osteopathic profession’s historic emphasis on careers in primary care, over 44% of DOs are currently training in primary care specialties including family medicine, internal medicine and pediatrics.

Specialties with the most DOs



*includes preliminary positions

Below is the breakdown by specialty and subspecialty of all DO physicians training in an ACGME accredited or AOA accredited program during the 2023-2024 academic year

Specialty	Number of DO residents
Anesthesiology	1380
Adult cardiothoracic anesthesiology	55
Obstetric anesthesiology	2
Pediatric anesthesiology	24
Pediatric cardiac anesthesiology	3
Regional anesthesiology and acute pain medicine	10
Dermatology	174
Micrographic surgery and dermatologic oncology	9
Pediatric dermatology	1
Emergency medicine	2861
Emergency medical services	24
Family medicine	5279
Internal medicine*	5803
Advanced heart failure and transplant cardiology	8
Cardiovascular disease	447
Clinical cardiac electrophysiology	31
Endocrinology, diabetes, and metabolism	94
Gastroenterology	272
Hematology and medical oncology	189
Infectious disease	127
Interventional cardiology	40
Interventional pulmonology	1
Nephrology	134
Pulmonary disease	10
Pulmonary disease and critical care medicine	380
Rheumatology	79
Transplant hepatology	4
Internal medicine/Pediatrics	163
Medical genetics and genomics	7
Medical biochemical genetics	1
Neurological surgery	59
Neurology	577
Clinical neurophysiology	16
Epilepsy	19
Neurodevelopmental disabilities	4
Vascular neurology	17
Child neurology	54
Nuclear medicine	8
Obstetrics and gynecology	1022
Gynecologic oncology	7

Specialty	Number of DO residents
Maternal-fetal medicine	33
Reproductive endocrinology and infertility	7
Complex family planning	2
Ophthalmology	92
Orthopedic surgery	621
Adult reconstructive orthopedics	8
Orthopedic sports medicine	27
Orthopedic surgery of the spine	4
Pediatric orthopedics	2
Osteopathic neuromusculoskeletal medicine	79
Otolaryngology - Head and Neck Surgery	111
Neurotology	1
Pediatric otolaryngology	3
Pathology-anatomic and clinical	301
Blood banking/transfusion medicine	4
Cytopathology	9
Forensic pathology	20
Hematopathology	14
Neuropathology	5
Selective pathology	9
Pediatrics	1879
Adolescent medicine	11
Child abuse pediatrics	9
Developmental-behavioral pediatrics	20
Neonatal-perinatal medicine	129
Pediatric cardiology	56
Pediatric critical care medicine	74
Pediatric endocrinology	31
Pediatric gastroenterology	47
Pediatric hematology/oncology	68
Pediatric hospital medicine	39
Pediatric infectious diseases	16
Pediatric nephrology	18
Pediatric pulmonology	24
Pediatric rheumatology	3
Pediatric transplant hepatology	1
Pediatric urology	3
Physical medicine and rehabilitation	651
Pediatric rehabilitation medicine	8
Spinal cord injury medicine	6
Plastic surgery	27
Aerospace medicine	9
Occupational and environmental medicine	28

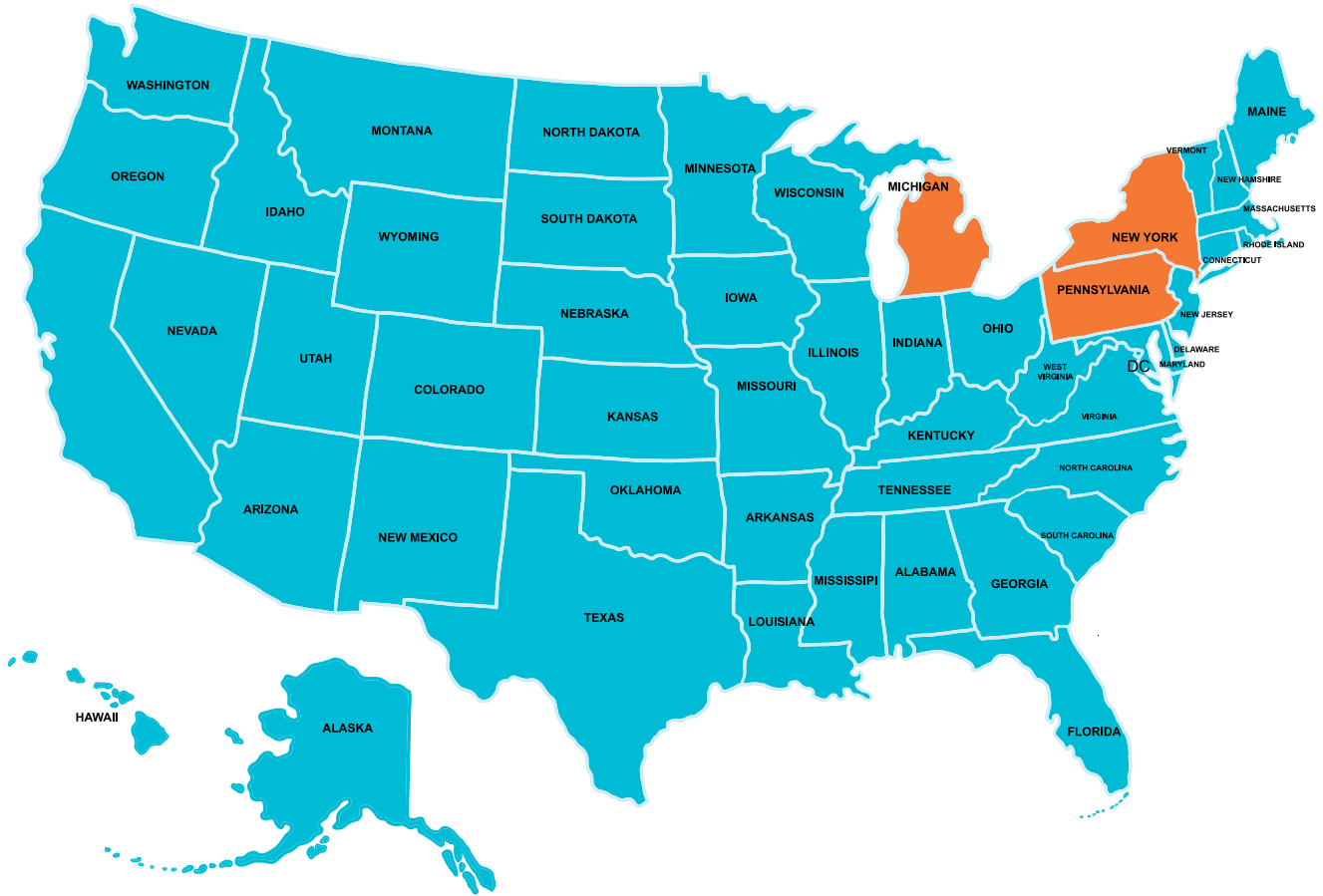
Specialty	Number of DO residents
Public health and general preventive medicine	20
Psychiatry	1531
Addiction psychiatry	11
Child and adolescent psychiatry	169
Forensic psychiatry	19
Geriatric psychiatry	10
Consultation-liaison psychiatry	10
Radiation oncology	42
Radiology-diagnostic	745
Musculoskeletal radiology	6
Neuroradiology	42
Pediatric radiology	6
Interventional radiology	93
Surgery*	1427
Colon and rectal surgery	13
Complex general surgical oncology	2
Pediatric surgery	1
Surgical critical care	58
Vascular surgery	60
Thoracic surgery	17
Urology	131
Transitional year	437

Subspecialties where entry can come from multiple disciplines

Addiction medicine	38
Allergy and immunology	60
Brain injury medicine	7
Clinical informatics	14
Critical care medicine	113
Dermatopathology	4
Geriatric medicine	41
Hand surgery	9
Hospice and palliative medicine	85
Medical toxicology	14
Molecular genetic pathology	2
Neurocritical care	26
Neuroendovascular intervention	2
Neuromuscular medicine	11
Pain medicine	118
Pediatric emergency medicine	104
Sleep medicine	41
Sports medicine	170
Undersea and hyperbaric medicine	2
Urogynecology & Reconstructive Pelvic Surgery	16

Where we train

Osteopathic physicians in training practice in every state, as well as the District of Columbia and Puerto Rico. The states with the highest number of DO residents and fellows are Pennsylvania, New York, and Michigan, which trends with the states that have the most GME positions.



State	Total
Alabama	298
Alaska	16
Arizona	643
Arkansas	240
California	2108
Colorado	321
Connecticut	284
Delaware	146
District of Columbia	242
Florida	2108
Georgia	528
Hawaii	113
Idaho	93

State	Total
Illinois	1260
Indiana	400
Iowa	244
Kansas	205
Louisiana	269
Maine	113
Maryland	265
Massachusetts	365
Michigan	2147
Minnesota	244
Mississippi	242
Missouri	623

State	Total
Montana	39
Nebraska	184
Nevada	446
New Hampshire	89
New Jersey	1199
New Mexico	176
New York	2383
North Carolina	735
North Dakota	17
Ohio	2029
Oklahoma	642
Oregon	261
Pennsylvania	2440

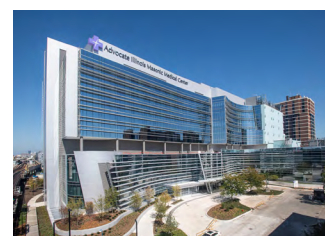
State	Total
Puerto Rico	18
Rhode Island	96
South Carolina	546
South Dakota	38
Tennessee	375
Texas	2026
Utah	84
Vermont	44
Virginia	781
Washington	429
West Virginia	264
Wisconsin	362
Wyoming	22

Top 10 GME institutions with DOs in training

DOs trained in 709 ACGME sponsoring institutions during the 2023-24 academic year. Over 83% of ACGME Sponsoring Institutions with accredited programs had at least one DO learner. The institutions with the most DO residents and fellows are below.



Name	State	Number of DO residents & fellows
Zucker School of Medicine at Hofstra/Northwell	New York	358
Our Lady Of Lourdes Memorial Hospital Inc.	Michigan	358
UPMC Medical Education	Pennsylvania	317
Appalachian Regional Healthcare, Inc.	Ohio	284
Oklahoma State University Center for Health Sciences	Oklahoma	254
McLaren Health Care Corporation	Michigan	253
Sierra View Medical Center	New Jersey	251
Henry Ford Health	Michigan	247
HCA Healthcare Sunrise Health Graduate Medical Education	Florida	235
Advocate Health Care	Illinois	228



Advancing Osteopathic Education in the Clinical Learning Environment

Osteopathic Recognition is a status available to all ACGME-accredited programs to demonstrate that their program incorporates osteopathic principles and practice into the clinical learning environment. Osteopathic Recognition signifies a commitment to teach osteopathic principles, formally continuing this emphasis into graduate medical education. Osteopathic distinctiveness can only be preserved and reinforced when done in a deliberate and focused manner.

By achieving Osteopathic Recognition, training programs help ensure the unique principles and practice of osteopathic medicine will continue to benefit future generations of patients. Osteopathic Recognition also provides advantages for medical students seeking osteopathic-focused training and hospitals in need of resident physicians who provide patient-centered, holistic care.

With an emphasis on caring for body, mind and spirit, the osteopathic approach can help improve patient outcomes, reduce medical care costs and increase patient satisfaction



During the 2023-2024 academic year, there were 3,053 designated osteopathic residents and fellows training in one of 262 programs with Osteopathic Recognition. Programs in 25 specialties and subspecialties hold Osteopathic Recognition. This includes 149 graduates of LCME-accredited medical schools and international medical schools.

Specialty name	Number of programs	Total residents
Allergy and immunology	1	4
Anesthesiology	3	28
Cardiovascular disease	2	11
Dermatology	3	15
Emergency medicine	5	134
Family medicine	179	1938
Geriatric medicine	1	0
Hospice and palliative medicine	2	2
Internal medicine	27	470
Internal medicine/Pediatrics	1	5
Neurological surgery	1	11
Neurology	1	10
Obstetrics and gynecology	4	68
Orthopedic surgery	5	90
Otolaryngology - Head and Neck Surgery	3	25
Pediatrics	3	62
Physical medicine and rehabilitation	1	11
Plastic surgery	1	3
Psychiatry	2	38
Pulmonary disease and critical care medicine	1	4
Sports medicine	5	14
Surgery	5	85
Transitional year	5	20
Urology	1	5
Total	262	3053

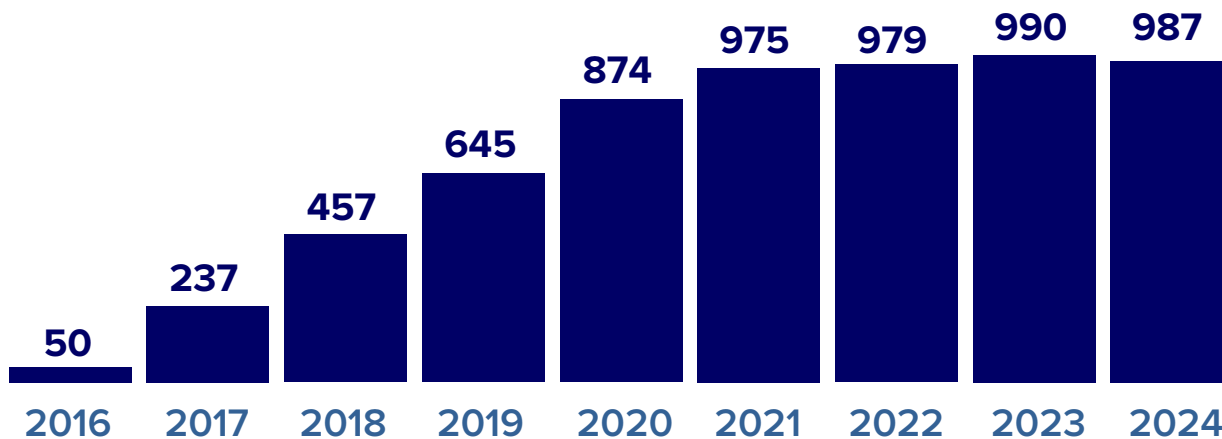
AOA Distinction of Advanced Osteopathic Training

In 2021, the AOA Board of Trustees approved the creation of the Distinction of Advanced Osteopathic Training which has been conferred to all residents that complete an ACGME program with Osteopathic Recognition. This Distinction recognizes these residents' achievement and excellence in osteopathic medicine and their commitment to incorporating Osteopathic Principles and Practice (OPP) into patient care.

This professional distinction is exclusively available for programs with Osteopathic Recognition and only conferred upon those completing and acquiring these additional skills.

Since its launch, the AOA has conferred over 5,500 distinctions. Beginning in 2021, more than 900 distinctions have been awarded each year, recognizing graduates upon completion of their training.

Distinctions conferred





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