



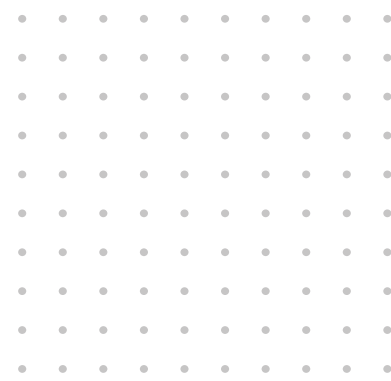
2024

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. It examines current demographics and trends related to osteopathic physicians in training (residents and fellows). This AOA GME Annual report covers the 2022-2023 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 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 2022-23 academic year, 28,318 osteopathic physicians were active residents and fellows in 128 specialties and subspecialties. The following report provides additional details on the specialty and location of DO physicians-in-training and information on ACGME programs with Osteopathic Recognition.



24,666

DOs training in a specialty
or transitional year program



3,652

DOs training in a subspecialty



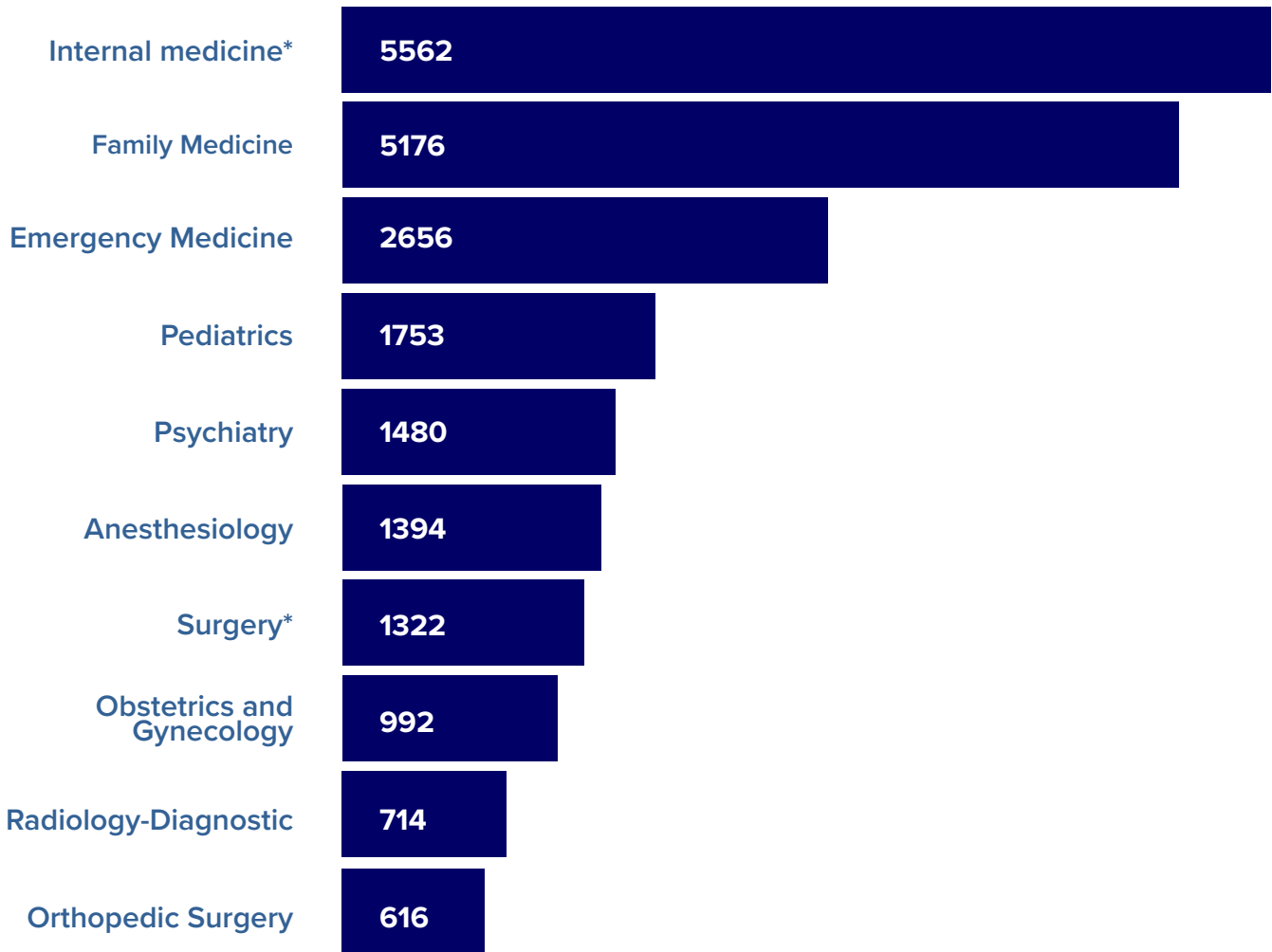
28,318

total osteopathic physicians in
graduate medical education

DOs training in all specialties

Osteopathic physicians-in-training are enrolled in all 31 ACGME specialties and 97 ACGME subspecialties. Building on the osteopathic profession’s historical 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 2022-2023 academic year

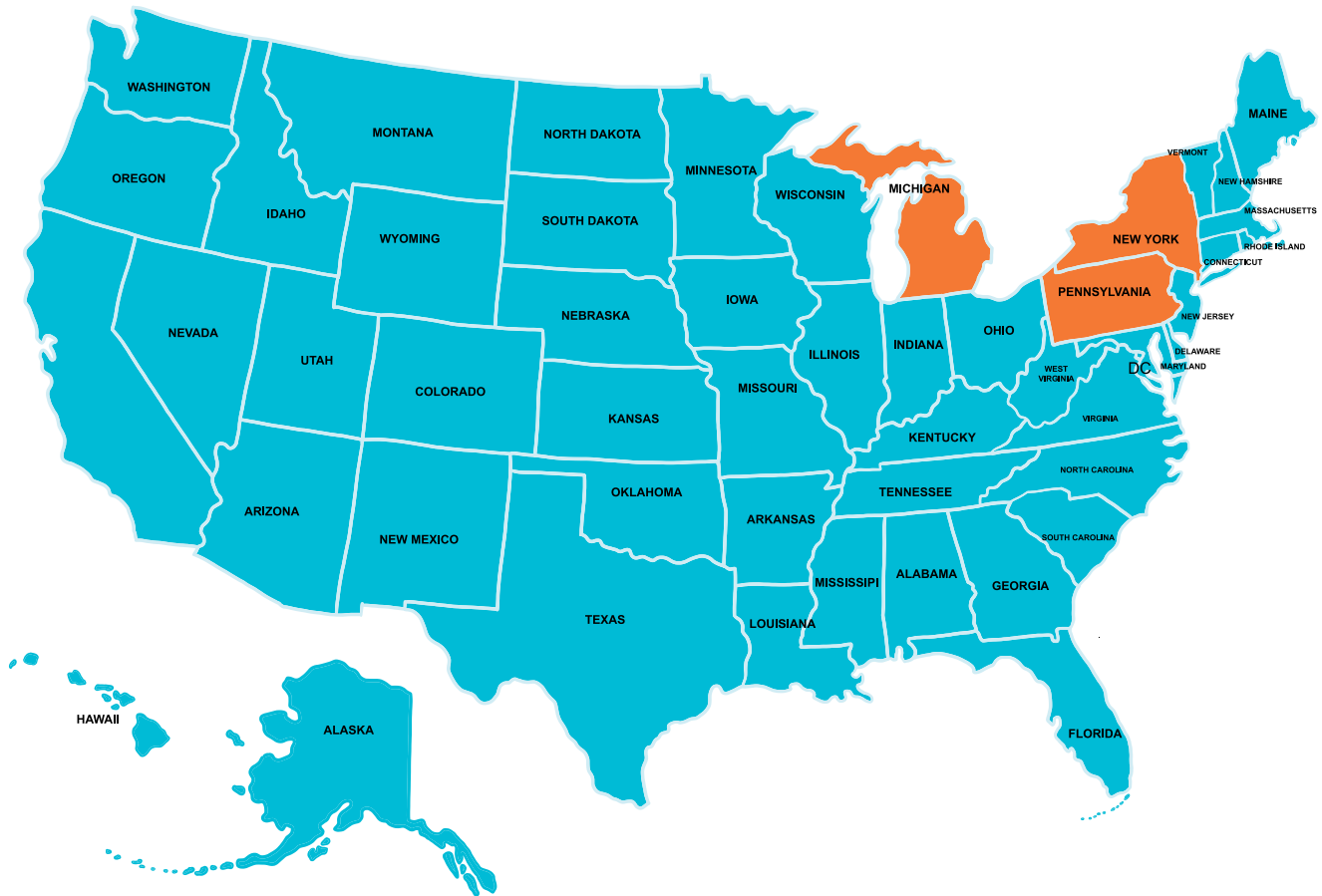
Specialty	Number of DO residents
Anesthesiology	1394
Adult cardiothoracic anesthesiology	35
Obstetric anesthesiology	5
Pediatric anesthesiology	31
Pediatric cardiac anesthesiology	3
Regional anesthesiology and acute pain medicine	12
Colon and rectal surgery	6
Dermatology	175
Micrographic surgery and dermatologic oncology	7
Pediatric dermatology	1
Emergency medicine	2656
Emergency medical services	26
Family medicine	5176
Internal medicine*	5562
Adult congenital heart disease	1
Advanced heart failure and transplant cardiology	6
Cardiovascular disease	407
Clinical cardiac electrophysiology	23
Endocrinology, diabetes, and metabolism	79
Gastroenterology	248
Hematology and medical oncology	178
Infectious disease	104
Interventional cardiology	32
Medical oncology	1
Nephrology	121
Pulmonary disease	3
Pulmonary disease and critical care medicine	349
Rheumatology	90
Transplant hepatology	1
Internal medicine/Pediatrics	149
Medical genetics and genomics	4
Neurological surgery	61
Neurology	530
Clinical neurophysiology	23
Epilepsy	20
Neurodevelopmental disabilities	2
Vascular neurology	21
Child neurology	48
Nuclear medicine	3
Obstetrics and gynecology	992
Gynecologic oncology	5

Specialty	Number of DO residents
Maternal-fetal medicine	32
Reproductive endocrinology and infertility	8
Complex family planning	3
Ophthalmology	92
Orthopedic surgery	616
Adult reconstructive orthopedics	1
Orthopedic sports medicine	24
Orthopedic surgery of the spine	2
Orthopedic trauma	1
Pediatric orthopedics	5
Foot and ankle orthopaedics	2
Osteopathic neuromusculoskeletal medicine	82
Otolaryngology - Head and Neck Surgery	110
Pediatric otolaryngology	1
Pathology-anatomic and clinical	266
Cytopathology	12
Forensic pathology	10
Hematopathology	15
Medical microbiology	1
Neuropathology	6
Pediatric pathology	2
Selective pathology	8
Pediatrics	1753
Adolescent medicine	12
Child abuse pediatrics	10
Developmental-behavioral pediatrics	21
Neonatal-perinatal medicine	114
Pediatric cardiology	51
Pediatric critical care medicine	78
Pediatric endocrinology	29
Pediatric gastroenterology	37
Pediatric hematology/oncology	65
Pediatric hospital medicine	27
Pediatric infectious diseases	18
Pediatric nephrology	17
Pediatric pulmonology	25
Pediatric rheumatology	6
Pediatric urology	2
Physical medicine and rehabilitation	607
Pediatric rehabilitation medicine	8
Spinal cord injury medicine	8
Plastic surgery	27
Aerospace medicine	19
Occupational and environmental medicine	22

Specialty	Number of DO residents
Public health and general preventive medicine	25
Psychiatry	1480
Addiction psychiatry	12
Child and adolescent psychiatry	171
Forensic psychiatry	11
Geriatric psychiatry	2
Consultation-liaison psychiatry	13
Radiation oncology	33
Radiology-diagnostic	714
Abdominal radiology	7
Musculoskeletal radiology	2
Neuroradiology	28
Pediatric radiology	3
Interventional radiology	74
Surgery*	1322
Complex general surgical oncology	2
Pediatric surgery	1
Surgical critical care	57
Vascular surgery	67
Thoracic surgery	21
Congenital cardiac surgery	1
Chemical pathology	1
Craniofacial surgery	1
Urology	119
Transitional year	541
Subspecialties where entry can come from multiple disciplines	
Addiction medicine	26
Allergy and immunology	42
Brain injury medicine	6
Clinical informatics	11
Critical care medicine	112
Dermatopathology	5
Female pelvic medicine and reconstructive surgery	19
Geriatric medicine	39
Hand surgery	11
Hospice and palliative medicine	91
Medical toxicology	15
Molecular genetic pathology	4
Neuromuscular medicine	5
Neurocritical care	16
Pain medicine	92
Pediatric emergency medicine	97
Sleep medicine	33
Sports medicine	141

About Us

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 New York, Pennsylvania, and Michigan, which trends with the states that have the most GME positions.



State	Total
Alabama	271
Alaska	14
Arizona	574
Arkansas	220
California	1915
Colorado	326
Connecticut	287
Delaware	132
Florida	1955
Georgia	505
Hawaii	99
Idaho	82
Illinois	1201

State	Total
Indiana	388
Iowa	230
Kansas	202
Kentucky	361
Louisiana	259
Maine	109
Maryland	242
Massachusetts	375
Michigan	2212
Minnesota	248
Mississippi	251
Missouri	603
Montana	32

State	Total
Nebraska	167
Nevada	431
New Hampshire	77
New Jersey	1181
New Mexico	164
New York	2350
North Carolina	668
North Dakota	18
Ohio	2026
Oklahoma	619
Oregon	243
Pennsylvania	2331
Rhode Island	97

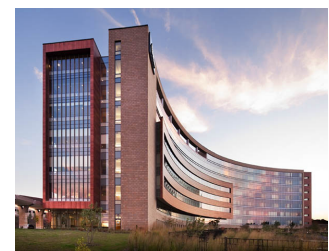
State	Total
South Carolina	479
South Dakota	42
Tennessee	343
Texas	1858
Utah	83
Vermont	33
Virginia	750
Washington	389
West Virginia	259
Wisconsin	339
Wyoming	20
District of Columbia	244
Puerto Rico	14

About Us

DOs trained in 697 ACGME sponsoring institutions during the 2022-23 academic year. Over 85% 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 and Fellows
HCA Florida Healthcare/USF Morsani College of Medicine GME	Florida	401
Corewell Health	Michigan	365
Zucker School of Medicine at Hofstra/Northwell	New York	329
UPMC Medical Education	Pennsylvania	300
Oklahoma State University Center for Health Sciences	Oklahoma	277
OhioHealth	Ohio	277
Henry Ford Health	Michigan	262
McLaren Health Care Corporation	Michigan	251
Rutgers Health	New Jersey	230
Advocate Health Care	Illinois	217



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 deliberately and focused.

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 needing 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 2022-2023 academic year, 2,740 designated osteopathic residents and fellows trained in one of 258 programs with Osteopathic Recognition. Programs in 27 specialties and subspecialties have achieved Osteopathic Recognition. This includes 120 graduates of LCME-accredited medical schools and international medical schools.

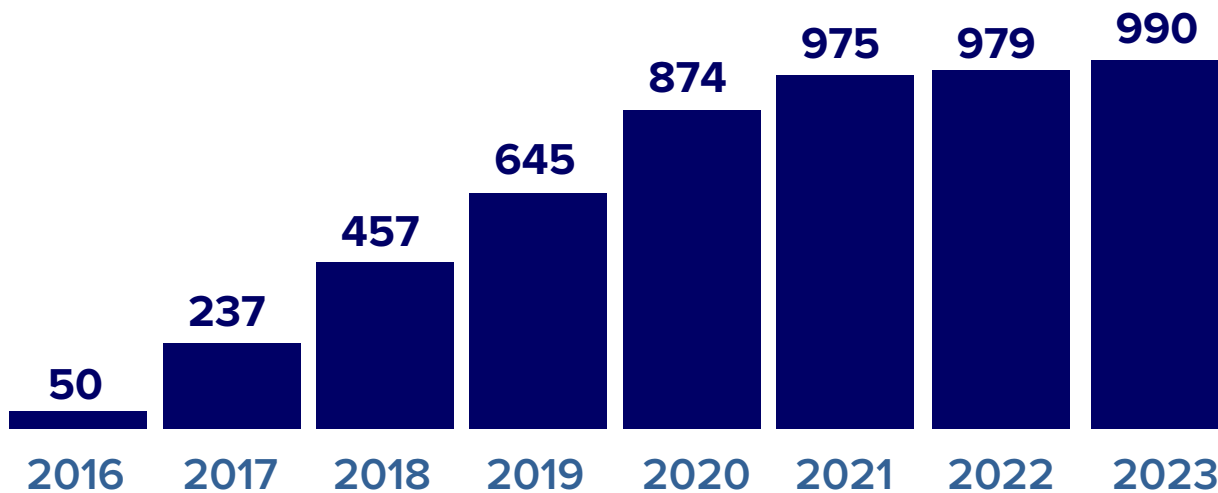
Specialty Name	Number of Programs	Total residents
Allergy and immunology	1	6
Anesthesiology	4	29
Cardiovascular disease	2	11
Dermatology	4	15
Emergency medicine	6	149
Family medicine	165	1743
Geriatric medicine	1	0
Hospice and palliative medicine	2	1
Internal medicine	27	383
Internal medicine/Pediatrics	1	11
Interventional Cardiology	1	0
Neurological surgery	1	13
Neurology	1	9
Obstetrics and gynecology	7	68
Orthopedic surgery	5	93
Osteopathic neuromusculoskeletal medicine	2	0
Otolaryngology - Head and Neck Surgery	3	25
Pediatrics	3	34
Physical medicine and rehabilitation	1	10
Plastic surgery	1	4
Psychiatry	2	39
Pulmonary disease and critical care medicine	1	5
Radiology-diagnostic	1	0
Sports medicine	5	13
Surgery	4	54
Transitional year	6	20
Urology	1	5
Total	258	2740

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.

Distinctions Conferred





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