

Table C-4: Residency Applicants from U.S. MD-Granting Medical Schools to ACGME-Accredited Programs by Specialty, 2015-2016 through 2020-2021



The table below displays the number of U.S. MD-granting medical school residency applicants to ACGME-accredited residency programs by year of application and the average number of applications U.S. MD-granting medical school graduates using ERAS supplied to ACGME-accredited residency programs of the corresponding specialty from 2015-2016 through 2020-2021. The academic year refers to residency training that begins in the corresponding academic year (e.g., 2020-2021). Please email datarequest@aamc.org if you need further assistance or have additional inquiries.

| ERAS Applicants from U.S. MD-Granting Medical Schools by Specialty | 2015-2016 | | 2016-2017 | | 2017-2018 | | 2018-2019 | | 2019-2020 | | 2020-2021 | |
|--|------------|--------------------------------|------------|--------------------------------|------------|--------------------------------|------------|--------------------------------|------------|--------------------------------|------------|--------------------------------|
| | Applicants | Average Number of Applications | Applicants | Average Number of Applications | Applicants | Average Number of Applications | Applicants | Average Number of Applications | Applicants | Average Number of Applications | Applicants | Average Number of Applications |
| Anesthesiology | 1,879 | 31.0 | 1,892 | 32.1 | 1,756 | 33.3 | 1,822 | 34.0 | 1,865 | 36.8 | 1,915 | 42.8 |
| Child Neurology | 204 | 14.0 | 211 | 17.0 | 216 | 18.0 | 216 | 16.5 | 199 | 18.5 | 199 | 21.2 |
| Dermatology | 680 | 69.7 | 767 | 63.2 | 750 | 69.4 | 739 | 68.8 | 798 | 67.9 | 796 | 66.1 |
| Diagnostic Radiology/Nuclear Medicine/Nuclear Radiology | 78 | 1.0 | 21 | 1.7 | 12 | 1.4 | 25 | 1.6 | 17 | 1.6 | 31 | 1.6 |
| Emergency Medicine | 2,078 | 41.1 | 1,988 | 47.0 | 2,104 | 50.8 | 2,221 | 51.3 | 2,202 | 51.6 | 2,302 | 51.8 |
| Emergency Medicine/Anesthesiology | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 11 | 1.0 | 12 | 1.0 | 13 | 1.0 |
| Emergency Medicine/Family Medicine | 44 | 1.5 | 59 | 1.7 | 67 | 1.7 | 55 | 1.5 | 57 | 1.6 | 53 | 2.3 |
| Family Medicine | 2,783 | 25.8 | 2,794 | 30.6 | 2,919 | 33.3 | 3,045 | 33.4 | 3,048 | 34.4 | 2,933 | 34.4 |
| Family Medicine/Osteopathic Neuromusculoskeletal Medicine | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 3 | 1.0 | 6 | 1.0 | 3 | 1.0 |
| Family Medicine/Preventive Medicine | 54 | 1.3 | 67 | 1.6 | 79 | 1.9 | 71 | 2.0 | 75 | 1.8 | 57 | 1.4 |
| Internal Medicine | 8,431 | 26.8 | 8,480 | 30.3 | 8,421 | 30.9 | 8,427 | 30.8 | 8,634 | 31.4 | 8,804 | 32.1 |
| Internal Medicine/Anesthesiology | 46 | 2.1 | 45 | 1.9 | 111 | 1.2 | 38 | 1.8 | 35 | 1.9 | 46 | 2.0 |
| Internal Medicine/Dermatology | 77 | 3.6 | 80 | 4.1 | 86 | 4.2 | 152 | 2.6 | 83 | 4.2 | 148 | 2.3 |
| Internal Medicine/Emergency Medicine | 201 | 3.4 | 322 | 3.1 | 89 | 7.5 | 80 | 7.6 | 75 | 7.6 | 84 | 7.4 |
| Internal Medicine/Family Practice | 19 | 1.5 | 20 | 1.0 | 18 | 1.0 | 28 | 1.0 | 16 | 1.0 | 0 | 0.0 |
| Internal Medicine/Medical Genetics | 6 | 2.2 | 11 | 1.7 | 8 | 2.9 | 8 | 4.1 | 13 | 3.3 | 26 | 1.9 |
| Internal Medicine/Neurology | 13 | 1.0 | 20 | 1.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| Internal Medicine/Pediatrics | 489 | 21.1 | 500 | 24.5 | 519 | 20.1 | 452 | 24.3 | 498 | 21.9 | 507 | 23.8 |
| Internal Medicine/Preventive Medicine | 56 | 1.8 | 113 | 1.7 | 156 | 1.5 | 51 | 1.8 | 41 | 1.8 | 56 | 1.6 |
| Internal Medicine/Psychiatry | 53 | 6.4 | 72 | 6.6 | 82 | 7.5 | 80 | 6.9 | 78 | 7.3 | 85 | 7.4 |
| Interventional Radiology-Integrated | 0 | 0.0 | 3 | 1.0 | 596 | 17.8 | 359 | 32.0 | 291 | 35.4 | 452 | 19.5 |
| Neurodevelopmental Disabilities | 23 | 1.9 | 32 | 2.2 | 14 | 3.4 | 47 | 2.3 | 35 | 3.1 | 21 | 3.6 |
| Neurological Surgery | 388 | 46.5 | 410 | 47.6 | 259 | 68.4 | 279 | 69.9 | 312 | 66.9 | 338 | 70.7 |
| Neurology | 631 | 23.1 | 652 | 26.9 | 662 | 26.9 | 723 | 25.6 | 734 | 27.9 | 685 | 29.6 |
| Nuclear Medicine | 26 | 1.7 | 33 | 2.0 | 17 | 2.3 | 34 | 2.2 | 8 | 4.4 | 12 | 3.7 |
| Obstetrics and Gynecology | 1,350 | 41.3 | 1,314 | 47.9 | 1,352 | 51.2 | 1,415 | 51.5 | 1,474 | 57.7 | 1,481 | 60.7 |
| Orthopaedic Surgery | 1,081 | 72.8 | 1,061 | 83.1 | 1,095 | 80.5 | 1,062 | 80.7 | 1,101 | 79.5 | 1,154 | 78.3 |
| Osteopathic Neuromusculoskeletal Medicine | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 2 | 1.0 | 2 | 4.5 | 6 | 3.5 |
| Otolaryngology | 519 | 54.5 | 444 | 50.6 | 507 | 42.0 | 494 | 43.5 | 416 | 68.1 | 565 | 61.2 |
| Pathology-Anatomic and Clinical | 527 | 20.7 | 486 | 22.1 | 465 | 21.2 | 441 | 21.6 | 390 | 23.5 | 371 | 24.0 |
| Pediatrics | 2,591 | 27.2 | 2,551 | 29.0 | 2,561 | 29.8 | 2,498 | 29.2 | 2,388 | 29.1 | 2,386 | 29.6 |
| Pediatrics/Anesthesiology | 29 | 5.9 | 78 | 2.3 | 94 | 2.7 | 24 | 4.4 | 25 | 4.0 | 25 | 3.7 |
| Pediatrics/Emergency Medicine | 41 | 3.0 | 41 | 3.4 | 167 | 1.6 | 42 | 3.2 | 37 | 3.1 | 40 | 3.2 |
| Pediatrics/Medical Genetics | 20 | 7.8 | 29 | 7.6 | 46 | 4.1 | 29 | 8.8 | 35 | 9.3 | 50 | 5.8 |
| Pediatrics/Physical Medicine and Rehabilitation | 11 | 2.4 | 20 | 2.6 | 17 | 2.6 | 22 | 2.8 | 19 | 3.2 | 15 | 2.5 |
| Pediatrics/Psychiatry/Child and Adolescent Psychiatry | 50 | 6.0 | 58 | 6.2 | 59 | 6.6 | 80 | 5.8 | 74 | 6.5 | 80 | 6.9 |
| Physical Medicine and Rehabilitation | 427 | 24.7 | 451 | 28.5 | 459 | 33.5 | 360 | 39.9 | 424 | 32.4 | 420 | 34.0 |
| Plastic Surgery | 68 | 1.6 | 27 | 2.0 | 119 | 1.0 | 0 | 0.0 | 0 | 0.0 | 28 | 1.1 |
| Plastic Surgery-Integrated | 382 | 29.7 | 345 | 35.3 | 387 | 38.1 | 351 | 38.8 | 216 | 60.3 | 269 | 65.0 |
| Preventive Medicine | 106 | 5.7 | 124 | 7.8 | 106 | 7.4 | 118 | 9.0 | 123 | 7.6 | 117 | 9.4 |
| Psychiatry | 1,249 | 25.6 | 1,354 | 31.7 | 1,401 | 36.1 | 1,615 | 38.8 | 1,621 | 44.8 | 1,670 | 47.8 |
| Psychiatry/Family Practice | 67 | 3.5 | 71 | 3.6 | 78 | 3.7 | 90 | 4.3 | 91 | 4.5 | 92 | 4.3 |
| Psychiatry/Neurology | 82 | 1.4 | 25 | 2.3 | 137 | 1.9 | 160 | 1.3 | 41 | 2.3 | 27 | 2.5 |
| Radiation Oncology | 308 | 42.0 | 310 | 41.2 | 349 | 42.4 | 334 | 39.8 | 376 | 33.8 | 345 | 25.6 |
| Radiology-Diagnostic | 1,290 | 32.3 | 1,328 | 34.8 | 1,290 | 40.4 | 1,339 | 43.5 | 1,301 | 46.8 | 1,305 | 46.5 |
| Surgery-General | 3,153 | 34.2 | 3,076 | 39.5 | 3,189 | 40.7 | 3,206 | 41.1 | 3,166 | 43.3 | 3,232 | 46.9 |
| Thoracic Surgery-Integrated | 94 | 17.4 | 89 | 19.1 | 248 | 8.0 | 91 | 18.2 | 104 | 19.0 | 95 | 21.1 |
| Transitional Year | 3,200 | 9.1 | 3,191 | 10.9 | 3,248 | 11.0 | 3,411 | 11.7 | 3,424 | 11.9 | 3,553 | 12.2 |
| Urology | 385 | 65.3 | 383 | 67.8 | 364 | 71.1 | 346 | 72.1 | 338 | 72.7 | 392 | 73.1 |
| Vascular Surgery-Integrated | 201 | 11.8 | 89 | 32.5 | 189 | 17.1 | 178 | 15.3 | 205 | 14.0 | 249 | 16.4 |