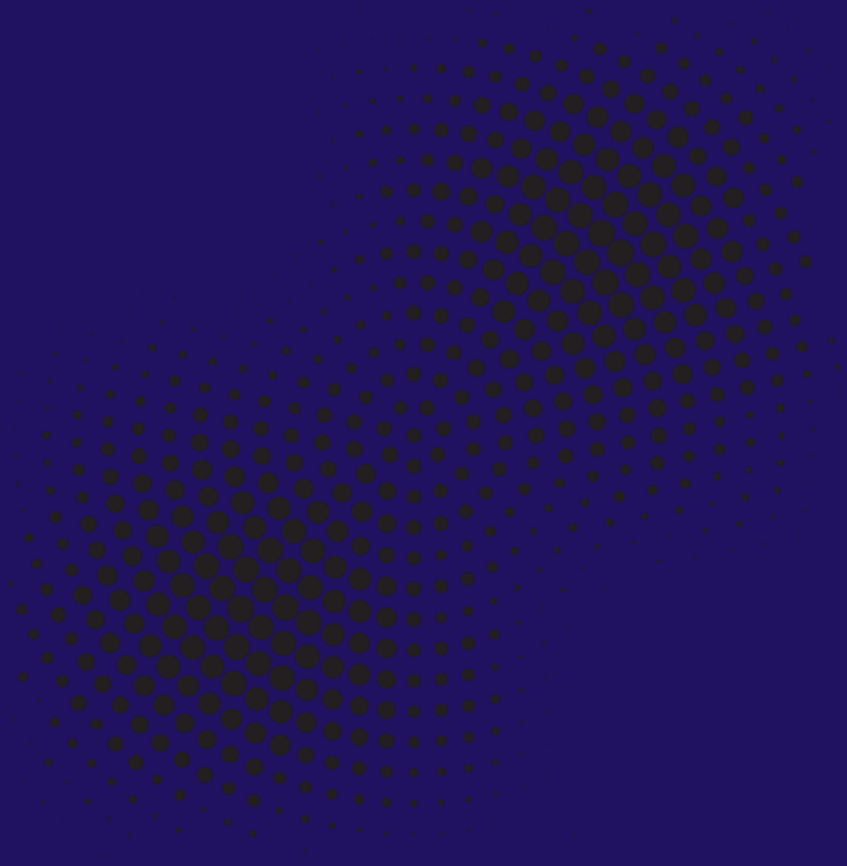




Anesthesiology





Anesthesiology Overview

Anesthesiology is devoted to providing comprehensive medical and anesthetic treatment for surgical patients. This specialized field demands precision, technical expertise and high standards. Anesthesiologists take care of the entire patient journey—from pre-operation to post-operation. They administer potent anesthetics, ensuring patients are insensitive to pain and stress; offer respiratory support; and address all medical requirements throughout the surgical process.

Anesthesiologists closely monitor and manage the acute pathophysiology of various organ systems, including cardiac, pulmonary, renal and neurologic. This specialty seamlessly combines the intellectual aspects of internal medicine with practical procedural skills and critical care.



Anesthesiology Cont'd

However, anesthesiologists extend beyond the role of operating room internists. In the course of surgery, they frequently find themselves in life-saving situations. When patients face critical moments on the operating table, it is the anesthesiologist who often steps in to rescue them.

The fundamental principles of the ABCs (airway, breathing, circulation) play a crucial role in ensuring safe perioperative care. Consequently, anesthesiologists have made significant contributions to the progress of cardiopulmonary resuscitation and airway management.

Source: Miller, A. J. (2019). Anesthesiology In B. S. Freeman (Ed.), *The ultimate guide to choosing a medical specialty* (4 ed., pp 168). New York: McGraw Hill.

Anesthesiology Subspecialties



- Adult Cardiac Anesthesiology
- Critical Care Medicine
- Obstetric Anesthesiology
- Pain Medicine
- Pediatric Anesthesiology
- Pediatric Cardiac Anesthesiology
- Regional Anesthesiology and Acute Pain Medicine

Source

[Accreditation Council for Graduate Medical Education \(ACGME\)a](#)

Anesthesiology Data Overview

Number of Accredited Residency Programs (2024) ¹	167
Percentage of Programs Often Interviewing DOs (2022) ²	69%
Typical Length of Residency Training	4 Years
Preliminary Year Required	Yes*
Mean COMLEX Level 2 CE Score (2022) ³	617
Mean USMLE Step 2 Score (2022) ³	245
Program Signals (2023/2024 Application Cycle) ⁴	15
Mean Research Experience (2022) ³	2.4
Mean Publications, Presentations (2022) ³	3.7
Mean Number of Work Experiences (2022) ³	3.7
Mean Number of Volunteer Experiences (2022) ³	7.0
Average Hours Worked Per Week ⁵	61
Median Salary ⁵	\$399,000

Sources

- [Accreditation Council for Graduate Medical Education \(ACGME\)](#)
- [Results of the 2022 NRMP Program Director Survey](#)
- [Charting Outcomes in the Match: Senior Students of U.S. DO Medical Schools](#)
- [ERAS Application and Program Signaling for 2023-24](#)
- [Careers in Medicine](#)

Note

*Some anesthesiology programs require a preliminary year (advanced programs), while others do not (categorical programs)..

Top Education & Academic Factors Considered For Choosing Interviewees

1. MSPE (90.5%)
2. USMLE Step 1 score (95.2%)
3. Any Failed USMLE Attempt (83.3%)
4. Grades in Core Clerkships (83.3%)
5. COMLEX Level 1 score (59.5%)
6. Any Failed COMLEX Attempt (64.3%)
7. USMLE Step 2 CK Score (88.1%)
8. Class Ranking/Quartile (85.7%)
9. Grades in Clerkship in Preferred Specialty (61.9%)
10. COMLEX Level 2 CE Score (57.1%)

Source

[Results of the 2021 NRMP Program Director Survey](#)



Top Personal Characteristics & Other Factors For Choosing Interviewees

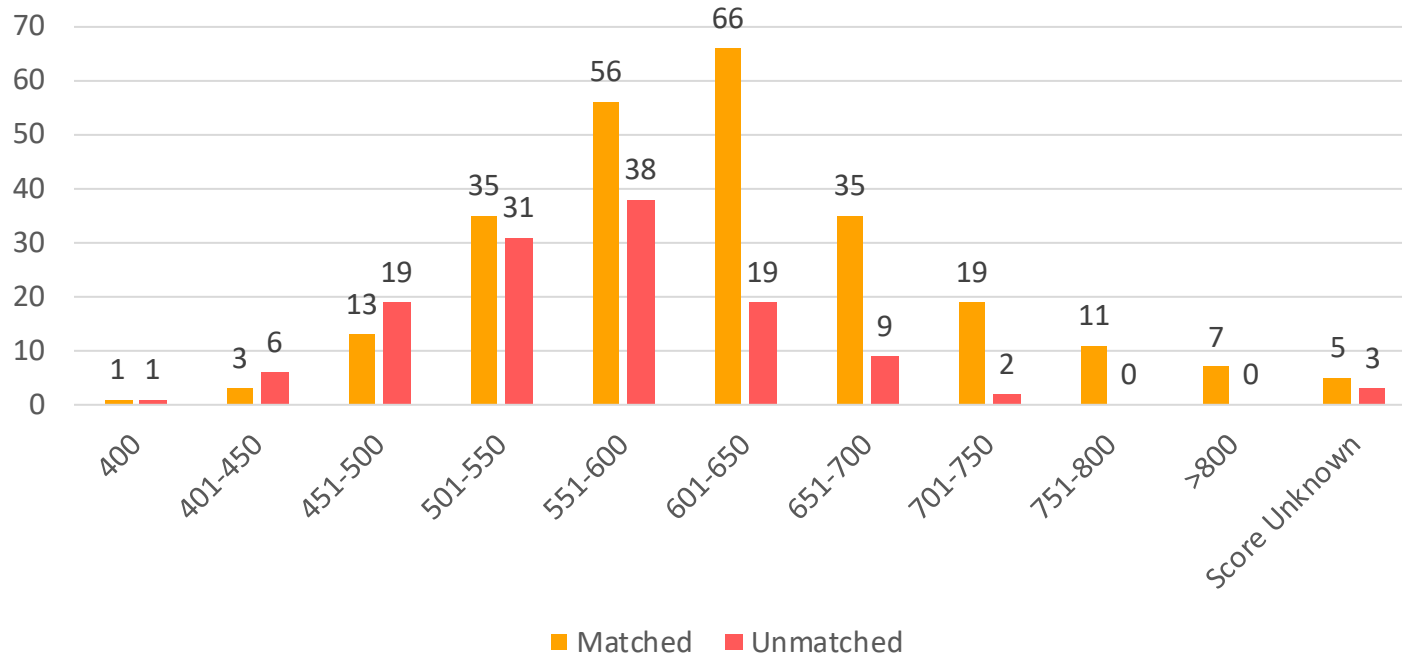
1. Personal Statement (83.3%)
2. Diversity Characteristics (81.%)
3. Letters of Recommendation in the Specialty (78.6%)
4. Having Overcome Significant Obstacles (85.7%)
5. Perceived Commitment to Specialty (78.6%)
6. Volunteer/Extracurricular Experience(57.1%)
7. Professionalism & Ethics (76.2%)
8. Leadership Qualities (78.6%)
9. Other Life Experience (76.2%)
10. Perceived Interest in the Program (85.7%)

Source

[Results of the 2021 NRMP Program Director Survey](#)



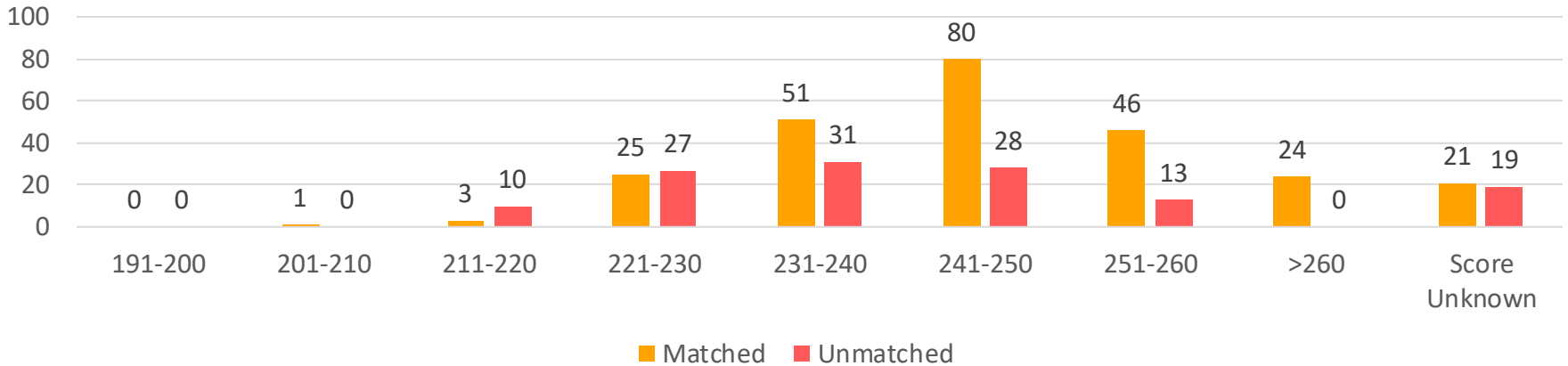
COMLEX Level 2 CE Score Ranges (2022)



Source: [Charting Outcomes in the Match: Senior Students of U.S. DO Medical Schools 2022](#)



USMLE Step 2 CK Score Ranges (2022)



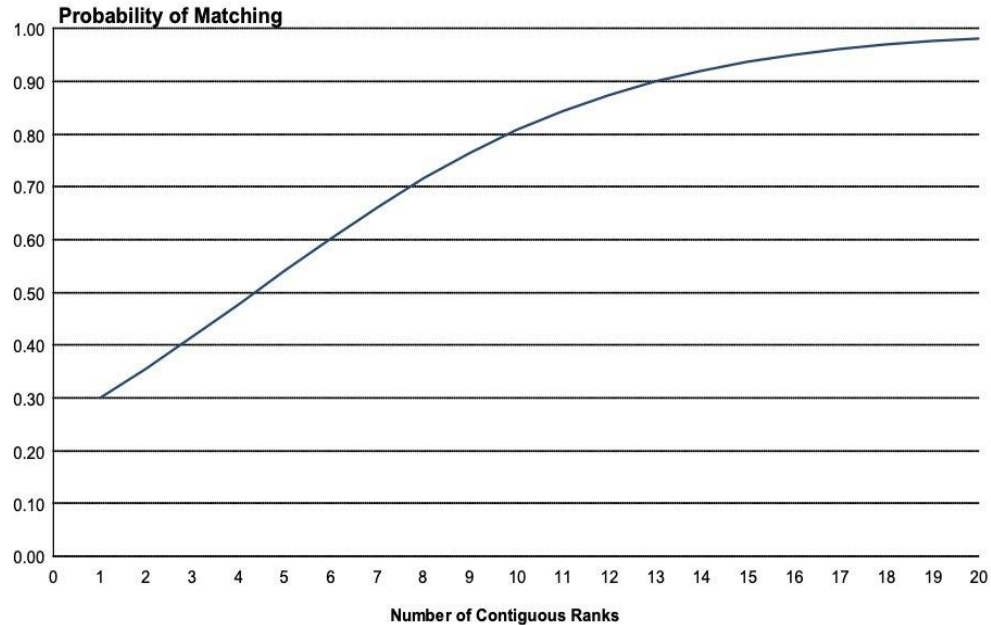
Source: [Charting Outcomes in the Match: Senior Students of U.S. DO Medical Schools 2022](#)



Probability of Matching Based on Number of Programs Ranked

Graph
AN-1

Probability of U.S. DO Seniors Matching to Preferred Specialty by Number of Contiguous Ranks
Anesthesiology



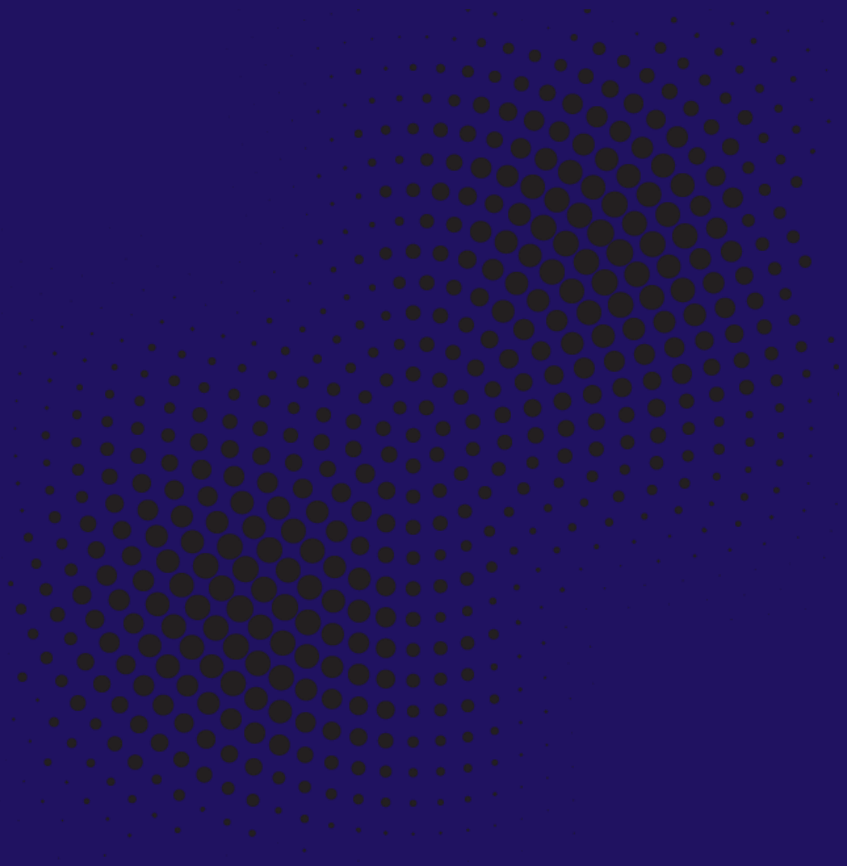
Anesthesiology Resources

- [Careers in Medicine Website](#)
- [American College of Osteopathic Anesthesiologists](#)
- [American Society of Anesthesiologists: Medical Student Resources](#)

AACOM

American Association of Colleges of
Osteopathic Medicine

Dermatology





Dermatology Overview

A dermatologist specializes in the medical and surgical treatment of conditions related to the skin, hair, nails, and mucous membranes. This encompasses a broad range of disorders including infectious, immunologic, degenerative, neoplastic (relating to the growth of tumors), and oncologic (cancer-related) diseases. Their expertise extends to diagnosing and managing complex skin conditions and diseases

Dermatologists treat a broad range of diseases, from life-threatening skin cancers and drug reactions to life-disrupting conditions such as eczema, psoriasis and acne, as well as changes associated with aging.

During their training, dermatologists will learn to recognize and diagnose skin diseases in adults and children, how to biopsy and interpret the microscopic presentation of skin disease, and how to surgically and medically manage and treat these conditions.

Sources

American Board of Medical Specialties (Last accessed 2024)

<https://www.abms.org/board/american-board-of-dermatology/#abd-d>

American Board of Dermatology (Last accessed 2024)

<https://www.abderm.org/public/what-is-a-dermatologist>

Dermatology Subspecialties



- Dermatopathology
- Micrographic Surgery & Dermatologic Oncology
- Pediatric Dermatology

Source

[Accreditation Council for Graduate Medical Education \(ACGME\)](#)

Dermatology Data Overview

Number of Accredited Residency Programs (2024) ¹	143
Percentage of Programs Often Interviewing DOs (2022) ²	14%
Typical Length of Residency Training	4 Years
Preliminary Year Required	Yes
Mean COMLEX Level 2 CE Score (2022) ³	681
Mean USMLE Step 2 Score (2022) ³	256
Program Signals (2023/2024 Application Cycle) ⁴	28
Mean Research Experience (2022) ³	2.4
Mean Publications, Presentations (2022) ³	3.7
Mean Number of Work Experiences (2022) ³	3.7
Mean Number of Volunteer Experiences (2022) ³	7.0
Average Hours Worked Per Week ⁵	61
Median Salary ⁵	\$399,000

Sources

1. [Accreditation Council for Graduate Medical Education \(ACGME\)](#)
2. [Results of the 2022 NRMP Program Director Survey](#)
3. [Charting Outcomes in the Match: Senior Students of U.S. DO Medical Schools](#)
4. [ERAS Application and Program Signaling for 2023-24](#)
5. [Careers in Medicine](#)

Note

*Some dermatology programs require a preliminary year (advanced programs), while others do not (categorical programs).

Top Education & Academic Factors Considered For Choosing Interviewees

1. USMLE Step 1 Score (94.1%)
2. MSPE (94.1%)
3. Grades in Core Clerkships (88.2%)
4. Class Ranking/Quartile (76.5%)
5. Consistency of Grades (76.5%)
6. Awards/Honors in Clinical Clerkships (76.5%)
7. Grades in Dermatology Rotations (64.7%)
8. Alpha Omega Alpha Membership (64.7%)
9. Gold Humanism Honor Society Membership (67.4%)
10. Any Failed USMLE Attempt (58.8%)

Source

[Results of the 2021 NRMP Program Director Survey](#)



Top Personal Characteristics & Other Factors For Choosing Interviewees

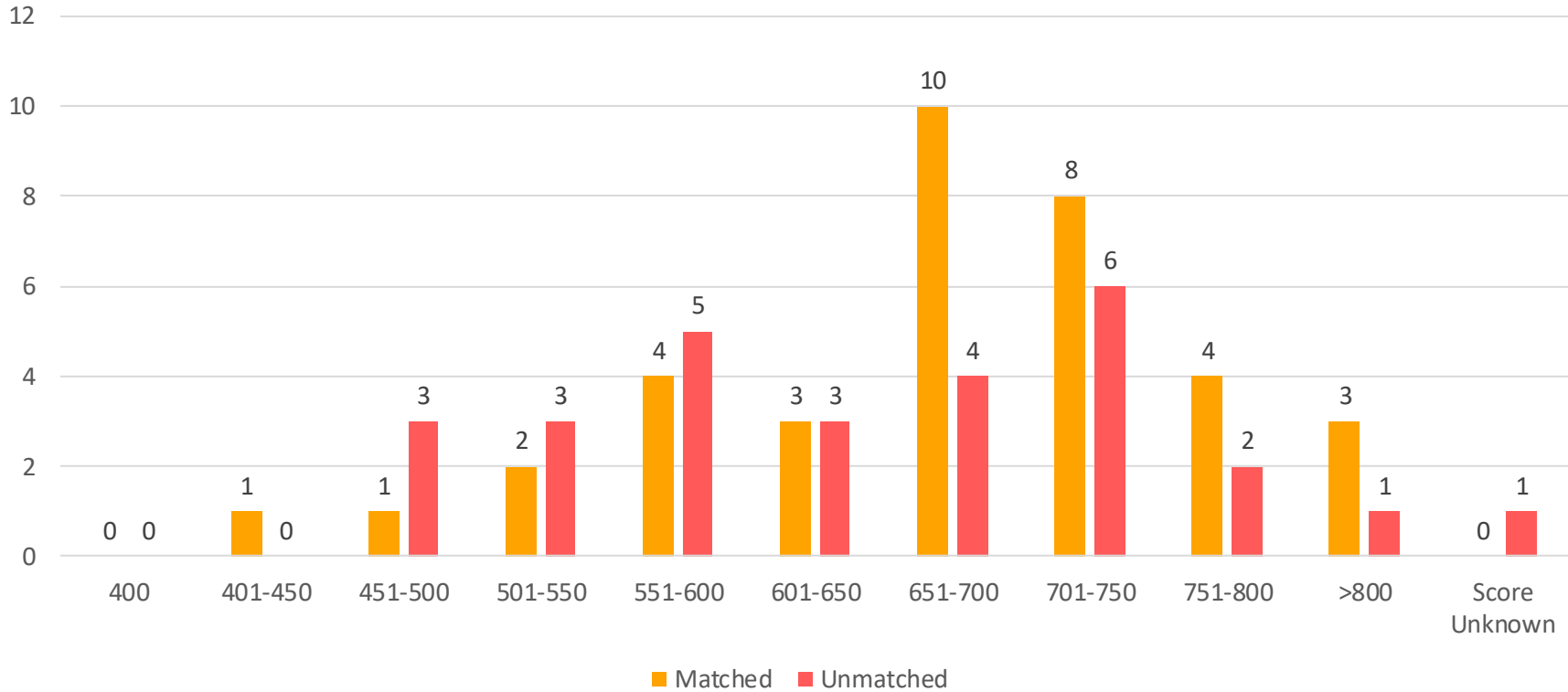
1. Letters of Recommendation in the Specialty (100%)
2. Personal Statement (100%)
3. Volunteer/Extracurricular Experience (94.1%)
4. Diversity Characteristics (88.2%)
5. Having Overcome Significant Obstacles (88.2%)
6. Professionalism & Ethics (82.4%)
7. Leadership Qualities (82.4%)
8. Personal Prior knowledge of the Applicant (82.4%)
9. Other Life Experience (82.4%)
10. Perceived Commitment to Dermatology (76.5%)

Source

[Results of the 2021 NRMP Program Director Survey](#)



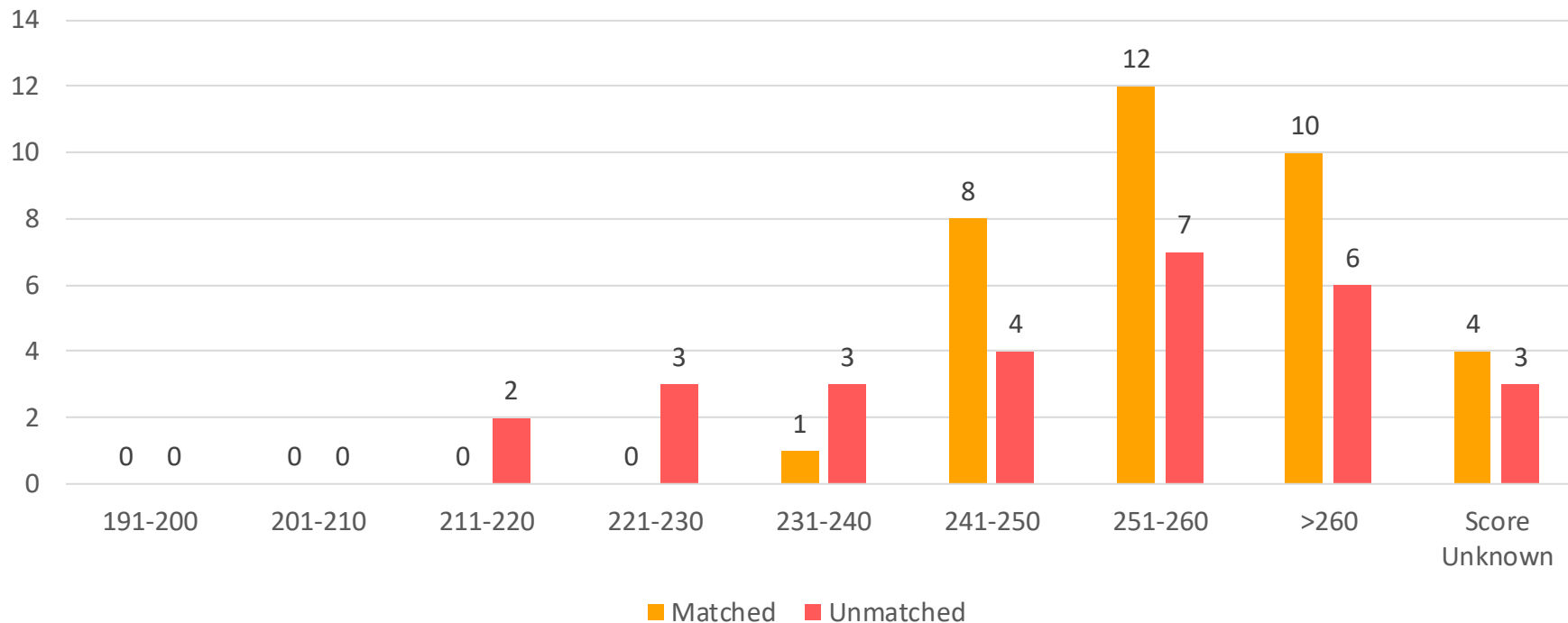
COMLEX Level 2 CE Score Ranges (2022)



Source: [Charting Outcomes in the Match: Senior Students of U.S. DO Medical Schools 2022](#)



USMLE Step 2 CK Score Ranges (2022)



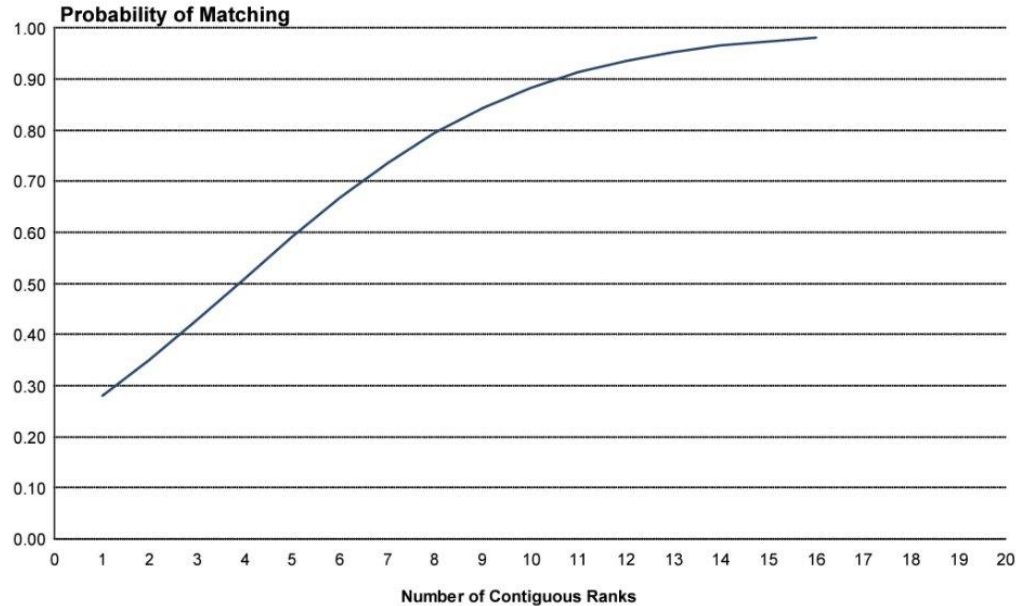
Source: [Charting Outcomes in the Match: Senior Students of U.S. DO Medical Schools 2022](#)



Probability of Matching Based on Number of Programs Ranked

Graph
DM-1

Probability of U.S. DO Seniors Matching to Preferred Specialty by Number of Contiguous Ranks
Ranks
Dermatology



Dermatology Resources

- [Careers in Medicine Website](#)
- [American Osteopathic College of Dermatology](#)
- [American Academy of Dermatology](#)
 - [Meetings and Education](#)
 - [Opportunities with AAD, including mentorship programming](#)



Emergency Medicine



Emergency Medicine Overview

Emergency medicine (EM) involves the immediate care of urgent and life-threatening conditions found in the critically ill and injured. These physicians are really specialists in breadth—their broad-based training encompasses acute problems that span several clinical disciplines.

No other specialty can match the astounding variety of patients found in the emergency room. You will see, hear and smell things that most doctors will not. In just one shift, an emergency physician may care for patients presenting with asthma attacks, atrial fibrillation, gunshot wounds, dislocated shoulders and even cockroaches stuck in their ears.



Emergency Medicine Cont'd

Every now and then, the EM doctor will discover a zebra, such as a pheochromocytoma (adrenal gland tumor) in a young woman with high blood pressure and headaches. EM has only been a specialty for about 25 years. Prior to that, most doctors who covered acute, emergent and traumatic illnesses were board-certified in other fields, usually internal medicine or surgery.

Fast-paced and unpredictable, emergency medicine is one of the newest specialties in medicine. It has grown to meet the challenge of 100 million emergency room visits per year.

Source

Miller, A. J. (2019). Anesthesiology In B. S. Freeman (Ed.), *The ultimate guide to choosing a medical specialty* (4 ed., pp 198-199). New York: McGraw Hill.

Emergency Medicine Subspecialties



- Emergency Medical Services
- Medical Toxicology
- Pediatric Emergency Medicine
- Sports Medicine
- Undersea & Hyperbaric Medicine

Source
[Accreditation Council for Graduate Medical Education \(ACGME\)](#)

Emergency Medicine Data Overview



Number of Accredited Residency Programs (2024) ¹	282
Percentage of Programs Often Interviewing DOs (2022) ²	77%
Typical Length of Residency Training	3 Years
Preliminary Year Required	No
Mean COMLEX Level 2 CE Score (2022) ³	585
Mean USMLE Step 2 Score (2022) ³	241
Program Signals (2023/2024 Application Cycle) ⁴	7
Mean Research Experience (2022) ³	1.9
Mean Publications, Presentations (2022) ³	2.7
Mean Number of Work Experiences (2022) ³	3.9
Mean Number of Volunteer Experiences (2022) ³	7.3
Average Hours Worked Per Week ⁵	46.4
Median Salary ⁵	\$332,000

Sources

- [Accreditation Council for Graduate Medical Education \(ACGME\)](#)
- [Results of the 2022 NRMP Program Director Survey](#)
- [Charting Outcomes in the Match: Senior Students of U.S. DO Medical Schools](#)
- [ERAS Application and Program Signaling for 2023-24](#)
- [Careers in Medicine](#)

Top Education & Academic Factors Considered For Choosing Interviewees

1. USMLE Step 1 score (83.8%)
2. Grades in EM rotations (79.7%)
3. MSPE (77%)
4. USMLE Step 2 CK score(77%)
5. Any Failed USMLE attempt (74.3%)
6. Grades in Core Clerkships (70.3%)
7. Class Ranking/Quartile (66.2%)
8. Any Failed COMLEX Attempt(64.9%)
9. Gold Humanism Honor Society membership (58.1%)
10. Consistency of Grades (56.8%)

Source

[Results of the 2021 NRMP Program Director Survey](#)



Top Personal Characteristics & Other Factors For Choosing Interviewees

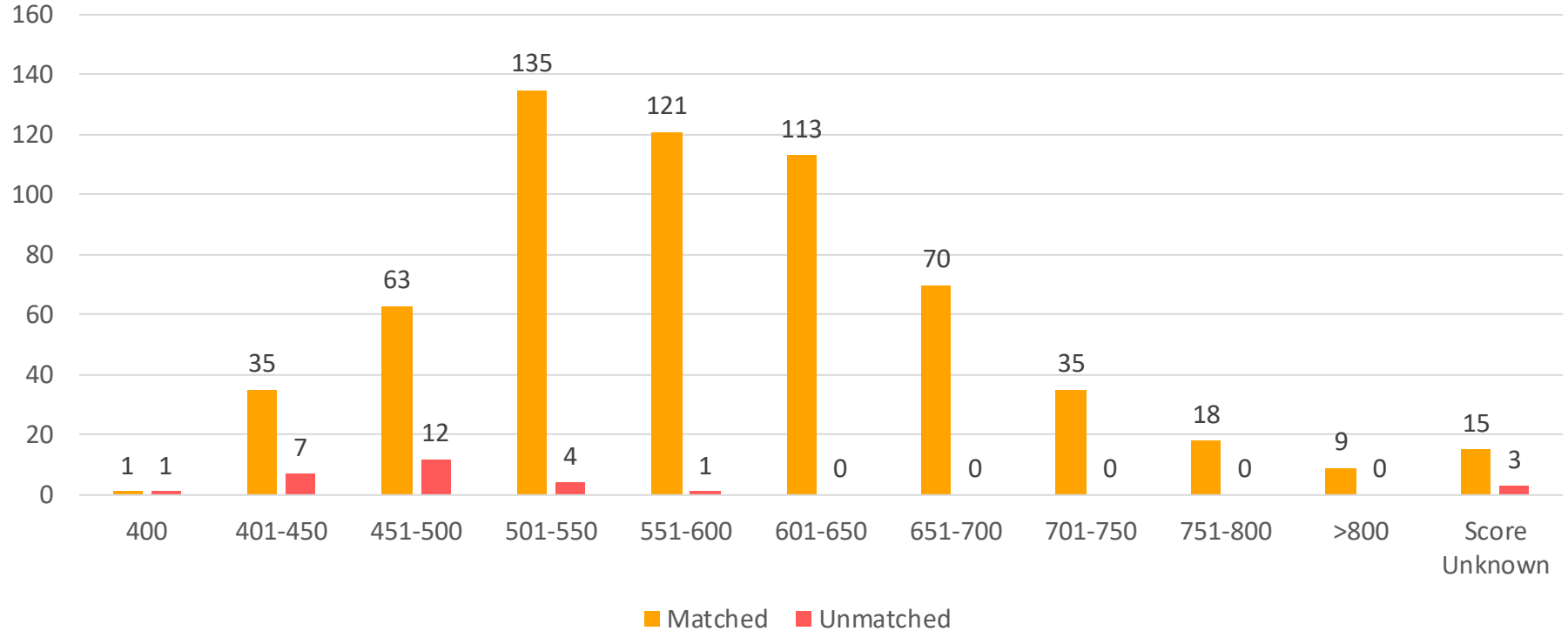
1. Letters of Recommendation in the Specialty (90.5%)
2. Diversity Characteristics (82.4%)
3. Perceived Commitment to EM (81.1%)
4. Having Overcome Significant Obstacles (74.3%)
5. Perceived Interest in the Program (73%)
6. Professionalism & Ethics (70.3%)
7. Leadership Qualities (68.9%)
8. Personal Statement (64.9%)
9. Audition/away Rotation at the Program (63.5%)
10. Other Life Experience (62.2%)

Source

[Results of the 2021 NRMP Program Director Survey](#)

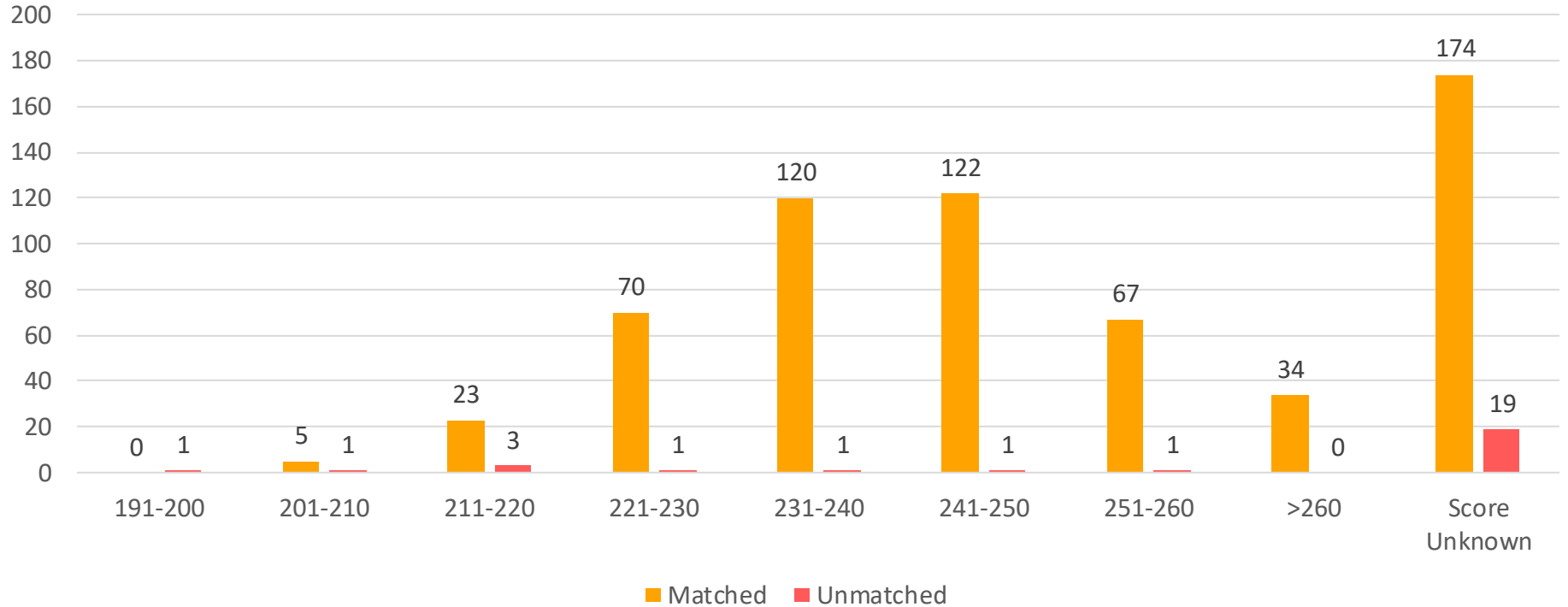


COMLEX Level 2 CE Score Ranges (2022)



Source: [Charting Outcomes in the Match: Senior Students of U.S. DO Medical Schools 2022](#)

USMLE Step 2 CK Score Ranges (2022)

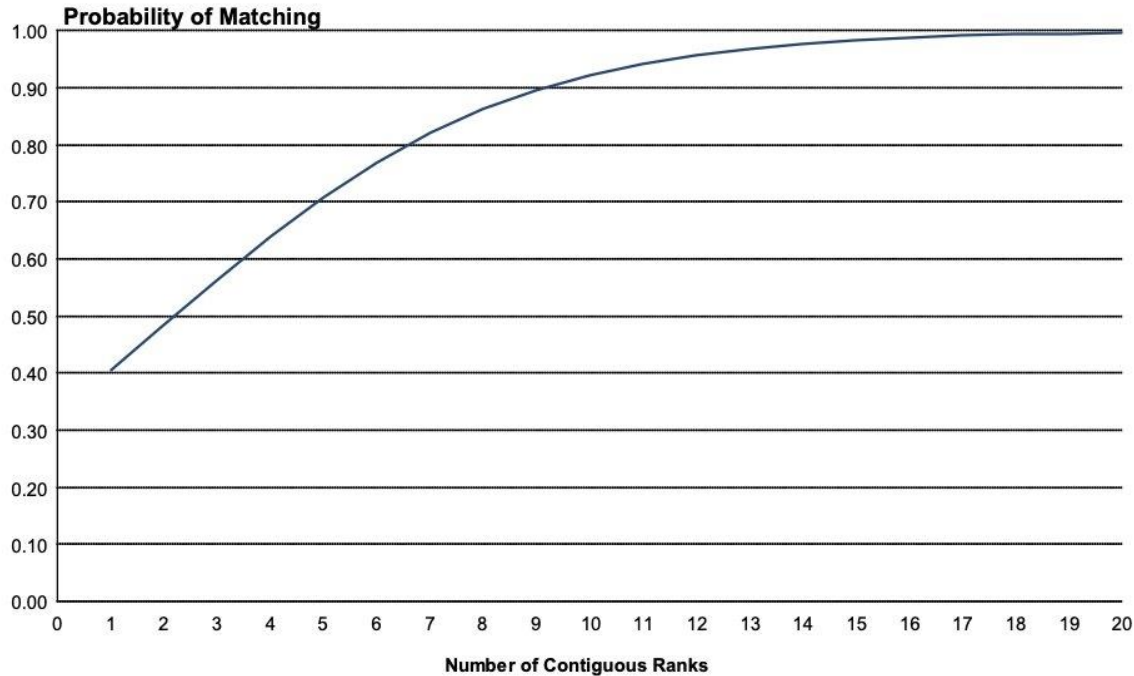


Source: [Charting Outcomes in the Match: Senior Students of U.S. DO Medical Schools 2022](#)

Probability of Matching Based on Number of Programs Ranked

**Graph
EM-1**

Probability of U.S. DO Seniors Matching to Preferred Specialty by Number of Contiguous Ranks
Emergency Medicine



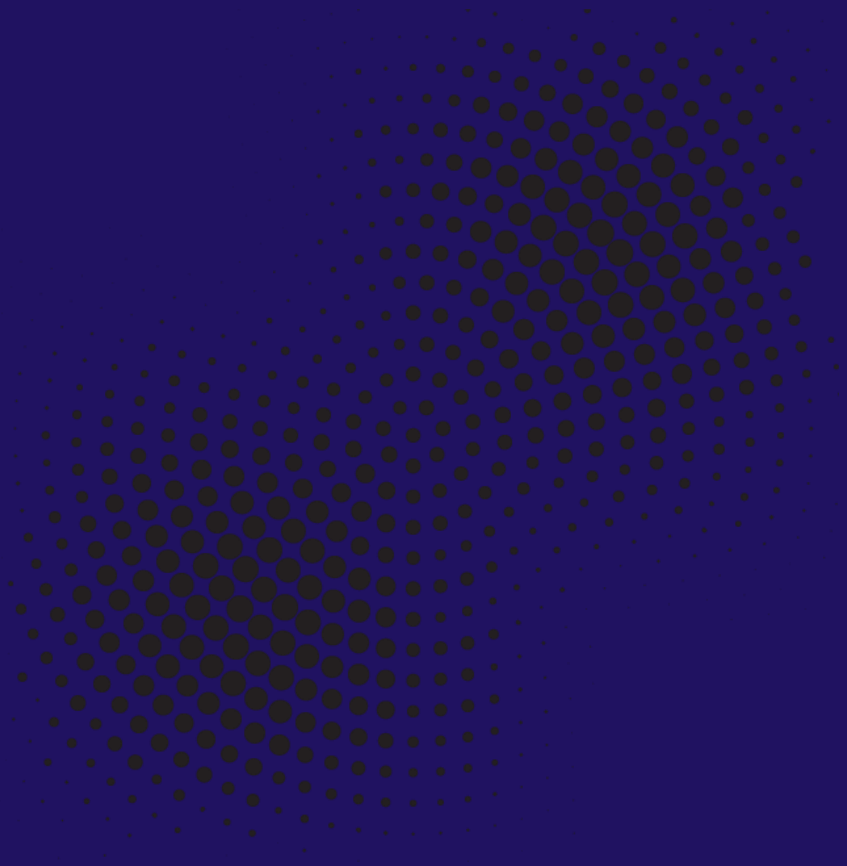
Emergency Medicine Resources

- [Careers in Medicine Website](#)
- [EMRA/CORD Student Advising Guide](#)
- [American College of Osteopathic Emergency Physicians](#)
- [American College of Emergency Physicians](#)

AACOM

American Association of Colleges of
Osteopathic Medicine

Family Medicine





Family Medicine Overview

Family medicine physicians are at the forefront of providing primary care to individuals and families in the United States. Family medicine physicians form the core of primary care because of the broad clinical knowledge base they are called to draw upon in their practice.

Family medicine physicians can competently diagnose and treat patients presenting with a disparate assortment of clinical and social issues. Because of the breadth of its scope, family medicine offers a wide variety of contexts and experiences to physicians who take up the specialty.

Source

Bonacci, R. P., Erickson, J., & Lally, M. (2015). Family medicine. In J. W. Kung, P. M. Bishop, P. J. Slanetz, & R. L. Eisenberg (Eds.), *Tips for the residency match: What residency directors are really looking for* (pp. 58-61). Malden: Wiley Blackwell.

Mendoza, M., & Gravit, Z. (2019). Family medicine. In B. S. Freeman (Ed.), *The ultimate guide to choosing a medical specialty* (4 ed., pp. 207-223). New York: McGraw Hill.

Family Medicine Subspecialties



- Clinical Informatics
- Geriatric Medicine
- Hospice & Palliative Care
- Sports Medicine

Source
[Accreditation Council for Graduate Medical Education \(ACGME\)](#)

Family Medicine Data Overview



Number of Accredited Residency Programs (2024) ¹	771
Percentage of Programs Often Interviewing DOs (2022) ²	97%
Typical Length of Residency Training	3 Years
Preliminary Year Required	No
Mean COMLEX Level 2 CE Score (2022) ³	526
Mean USMLE Step 2 Score (2022) ³	234
Program Signals (2023/2024 Application Cycle) ⁴	5
Mean Research Experience (2022) ³	1.7
Mean Publications, Presentations (2022) ³	2.3
Mean Number of Work Experiences (2022) ³	3.4
Mean Number of Volunteer Experiences (2022) ³	7.0
Average Hours Worked Per Week ⁵	52.6
Median Salary ⁵	\$240,000

Sources

- [Accreditation Council for Graduate Medical Education \(ACGME\)](#)
- [Results of the 2022 NRMP Program Director Survey](#)
- [Charting Outcomes in the Match: Senior Students of U.S. DO Medical Schools](#)
- [ERAS Application and Program Signaling for 2023-24](#)
- [Careers in Medicine](#)

Top Education & Academic Factors Considered For Choosing Interviewees

1. MSPE (86.8%)
2. Any Failed USMLE Attempt (79.2%)
3. Any Failed COMLEX Attempt (78.6%)
4. USMLE Step 1 Score (75.5%)
5. USMLE Step 2 CK Score (75.5%)
6. COMLEX Level 1 Score (73.0%)
7. COMLEX Level 2 CE Score (71.1%)
8. Grades in Core Clerkships (64.2%)
9. No Gaps in Medical Education (59.1%)
10. Consistency of Grades (53.5%)

Source

[Results of the 2021 NRMP Program Director Survey](#)



Top Personal Characteristics & Other Factors For Choosing Interviewees

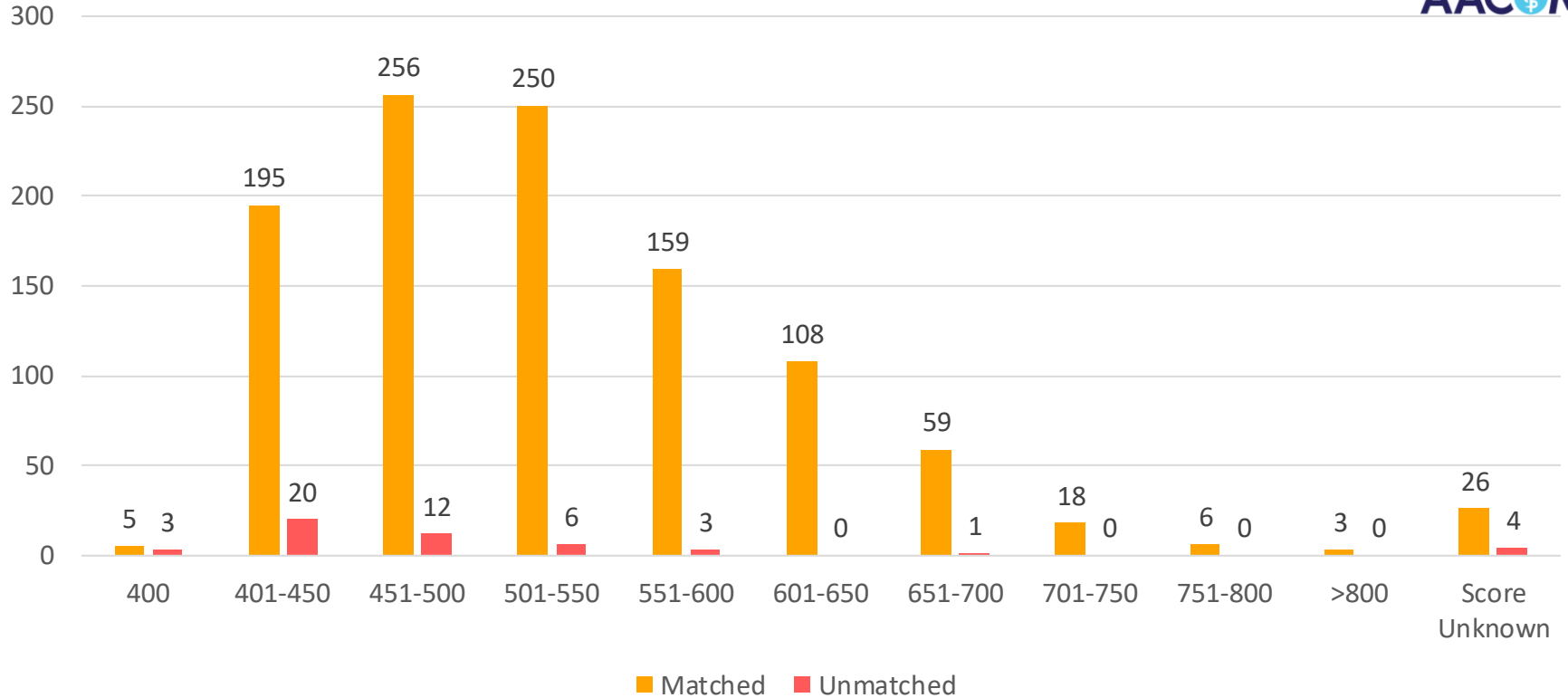
1. Perceived Commitment to Family Medicine (95.6%)
2. Personal Statement (89.9%)
3. Letters of Recommendation in the Specialty (84.3%)
4. Having Overcome Significant Obstacles (76.1%)
5. Diversity Characteristics (75.5%)
6. Perceived Interest in the Program (75.5%)
7. Professionalism & Ethics (72.3%)
8. Personal Prior knowledge of the Applicant (68.6%)
9. Leadership Qualities (65.4%)
10. Volunteer/Extracurricular Experience (62.9%)

Source

[Results of the 2021 NRMP Program Director Survey](#)

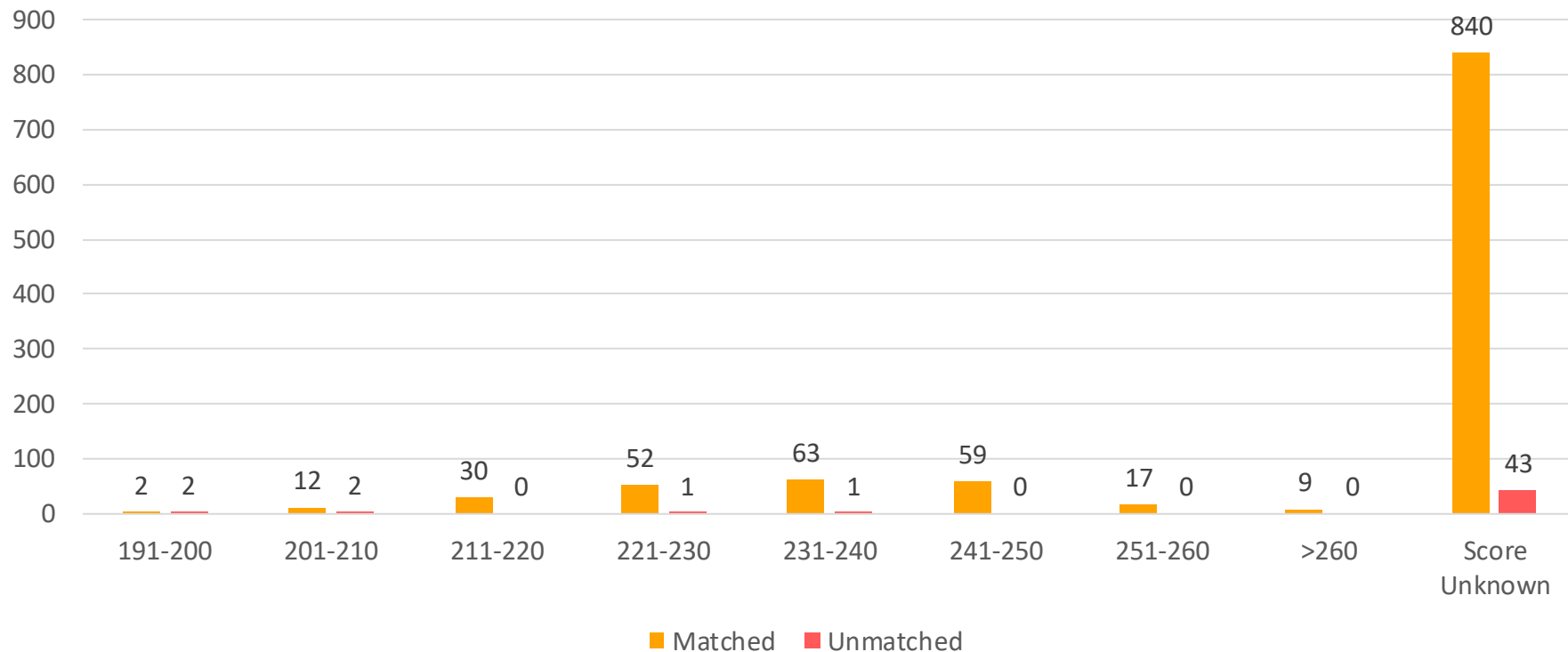


COMLEX Level 2 CE Score Ranges (2022)



Source: [Charting Outcomes in the Match: Senior Students of U.S. DO Medical Schools 2022](#)

USMLE Step 2 CK Score Ranges (2022)



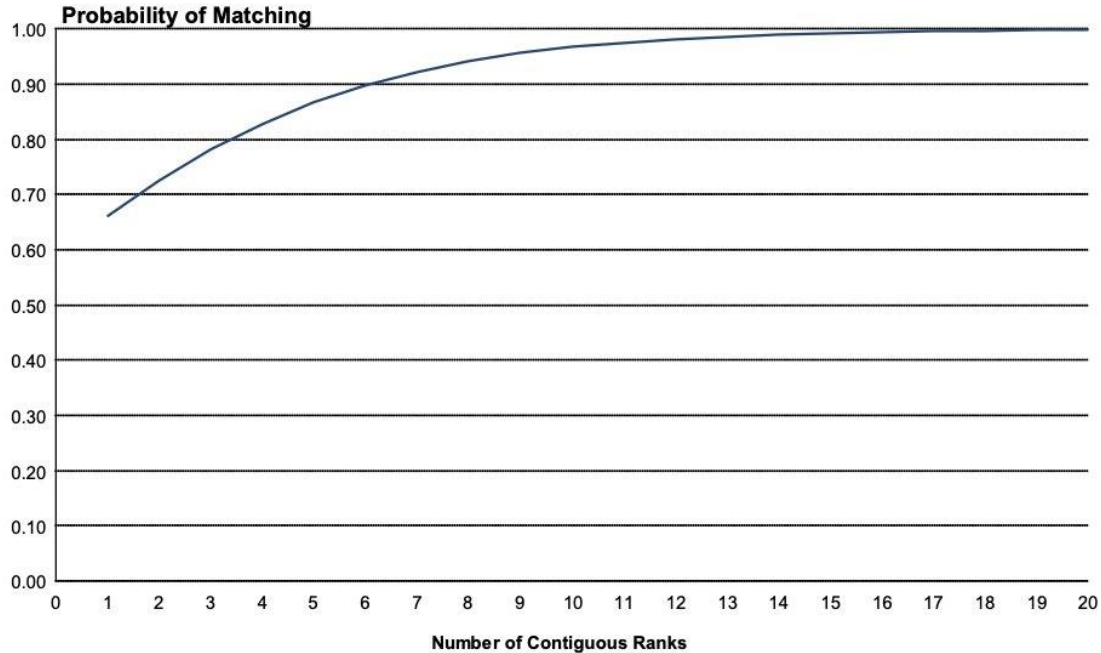
Source: [Charting Outcomes in the Match: Senior Students of U.S. DO Medical Schools 2022](#)



Probability of Matching Based on Number of Programs Ranked

Graph
FM-1

Probability of U.S. DO Seniors Matching to Preferred Specialty by Number of Contiguous Ranks
Family Medicine



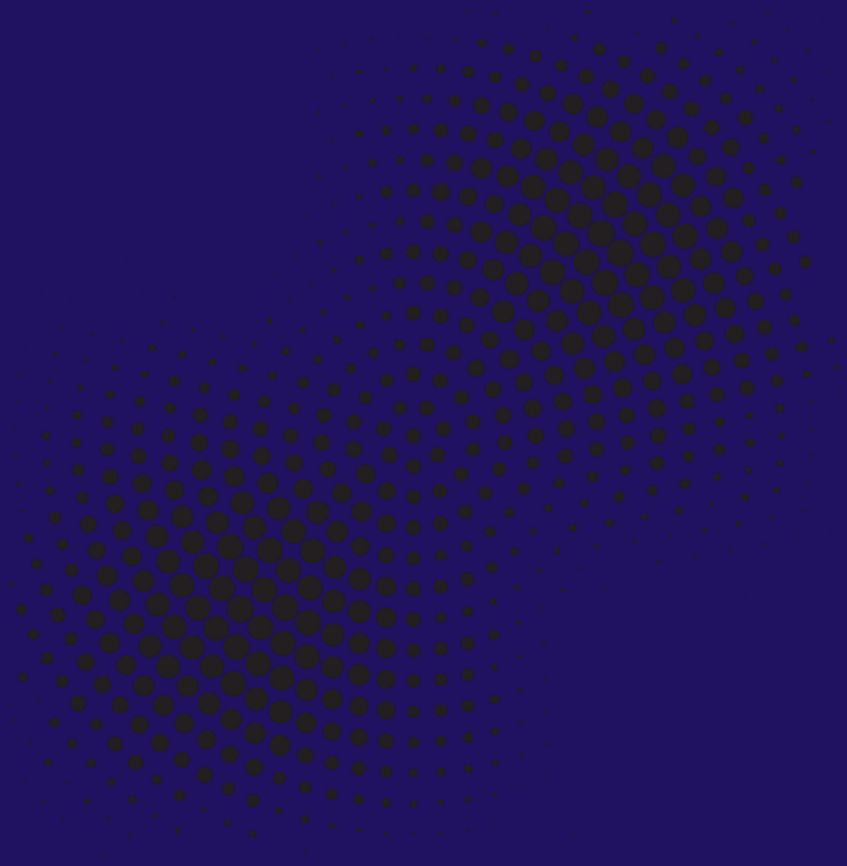
Family Medicine Resources

- [Careers in Medicine Website](#)
- [American College of Osteopathic Family Physicians](#)
- [American Academy of Family Physicians](#)
- [Medical Student Resources](#)

AACOM

American Association of Colleges of
Osteopathic Medicine

Internal Medicine





Internal Medicine Overview

Internal medicine physicians focus on primary care for adult populations from late adolescence to the end of life. The work of physicians in internal medicine encompasses a broad range of diversity: hospitals and private practice, generalists and subspecialists, treating chronic and acute illnesses.

“Internists are problem solvers and diagnosticians who spend their days integrating knowledge of anatomy, physiology, and pathophysiology with the environmental, social, and behavioral aspects of health” (Restivo & Chong, 2015, p. 67). Internal medicine physicians often serve on the frontline of medicine, the first line of defense for a patient. Being on the frontline of medicine also gives internists no shortage of intellectual stimulation and challenges to their diagnostic skills.



Internal Medicine Cont'd

Internists have good people and communication skills in order to reassure and treat anxious patients and communicate with other physicians and specialists within a multidisciplinary team.

Source

Restivo, M., & Chong, D. (2015). Internal medicine. In J. W. Kung, P. M. Bishop, P. J. Slanetz, & R. L. Eisenberg (Eds.), *Tips for the residency match: What residency directors are really looking for* (pp. 67-73). Malden: Wiley Blackwell.

Tong, J., & Tong, I. (2019). Internal medicine. In B. S. Freeman (Ed.), *The ultimate guide to choosing a medical specialty* (4 ed., pp. 241-261). New York: McGraw Hill.

Internal Medicine Subspecialties



- Adult Congenital Heart Disease
- Advanced Heart Failure & Transplant Cardiology
- Cardiovascular Disease
- Clinical Cardiac Electrophysiology
- Clinical Informatics
- Critical Care Medicine
- Endocrinology, Diabetes & Metabolism
- Gastroenterology
- Geriatric Medicine
- Hematology & Medical Oncology
- Infectious Disease
- Interventional Cardiology
- Interventional Pulmonology
- Medical Oncology
- Nephrology
- Pulmonary Disease
- Pulmonary Disease & Critical Care Medicine
- Rheumatology
- Sleep Medicine
- Transplant Hepatology

Source

[Accreditation Council for Graduate Medical Education \(ACGME\)](#)

Internal Medicine Data Overview

Number of Accredited Residency Programs (2024) ¹	639
Percentage of Programs Often Interviewing DOs (2022) ²	76%
Typical Length of Residency Training	3 Years
Preliminary Year Required	No
Mean COMLEX Level 2 CE Score (2022) ³	568
Mean USMLE Step 2 Score (2022) ³	240
Program Signals (2023/2024 Application Cycle) ⁴	7
Mean Research Experience (2022) ³	2.2
Mean Publications, Presentations (2022) ³	3.3
Mean Number of Work Experiences (2022) ³	3.3
Mean Number of Volunteer Experiences (2022) ³	6.9
Average Hours Worked Per Week ⁵	54.9
Median Salary ⁵	\$255,000

Sources

1. [Accreditation Council for Graduate Medical Education \(ACGME\)](#)
2. [Results of the 2022 NRMP Program Director Survey](#)
3. [Charting Outcomes in the Match: Senior Students of U.S. DO Medical Schools](#)
4. [ERAS Application and Program Signaling for 2023-24](#)
5. [Careers in Medicine](#)

Top Education & Academic Factors Considered For Choosing Interviewees

1. USMLE Step 2 CK Score (93.7%)
2. USMLE Step 1 Score (90.5%)
3. MSPE (85.7%)
4. Any Failed USMLE Attempt (82.5%)
5. Class Ranking/Quartile (76.25%)
6. COMLEX Level 2 CE Score (75.4%)
7. COMLEX Level 1 Score (73.8%)
8. Grades in Core Clerkships (73.8%)
9. Any Failed COMLEX Attempt (65.1%)
10. Grades in Internal Medicine Rotations (63.5%)

Source

[Results of the 2021 NRMP Program Director Survey](#)



Top Personal Characteristics & Other Factors For Choosing Interviewees

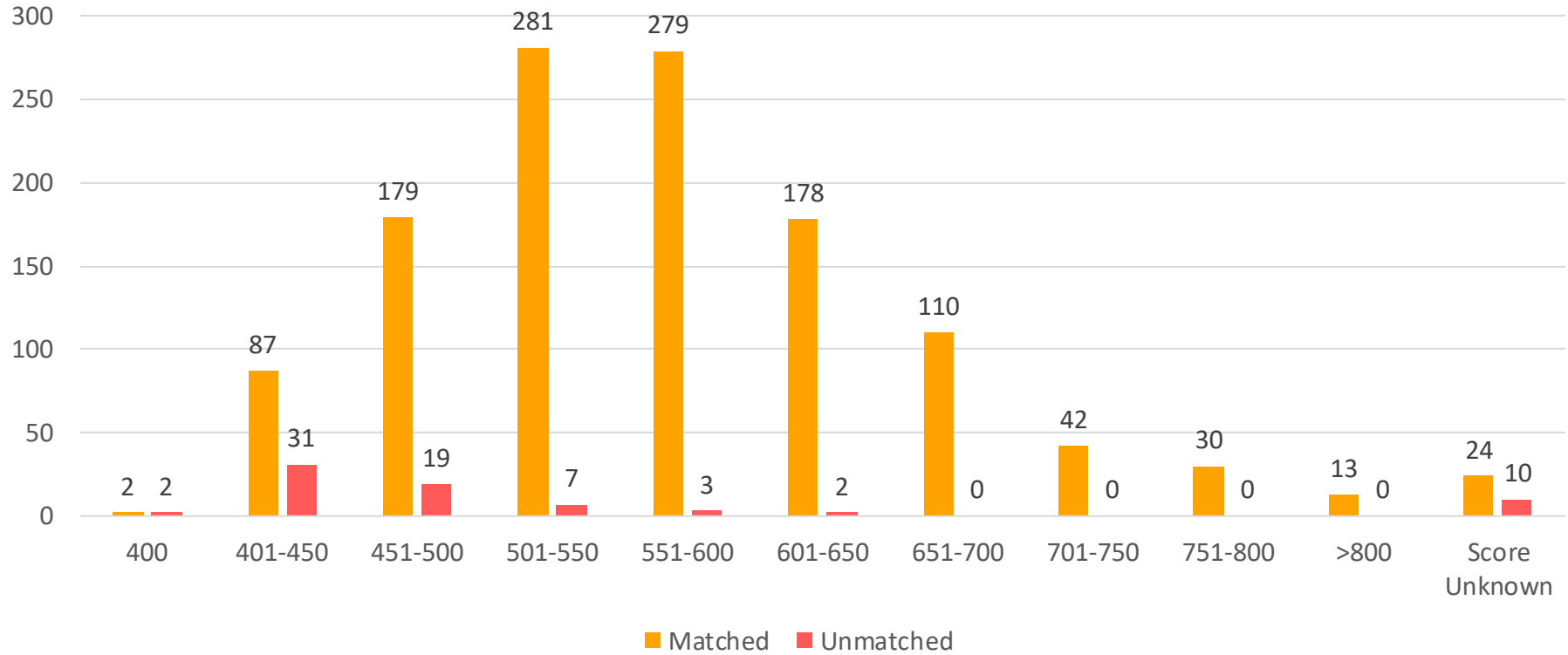
1. Diversity Characteristics (81.0%)
2. Personal Statement (73.0%)
3. Professionalism & Ethics (73.0%)
4. Perceived Interest in the Program (70.6%)
5. Having Overcome Significant Obstacles (67.5%)
6. Leadership Qualities (65.9%)
7. Perceived Commitment to Internal Medicine (73.8%)
8. Letters of Recommendation in the Specialty (68.3%)
9. Volunteer/Extracurricular Experience (60.3%)
10. Other Life Experience (57.1%)

Source

[Results of the 2021 NRMP Program Director Survey](#)

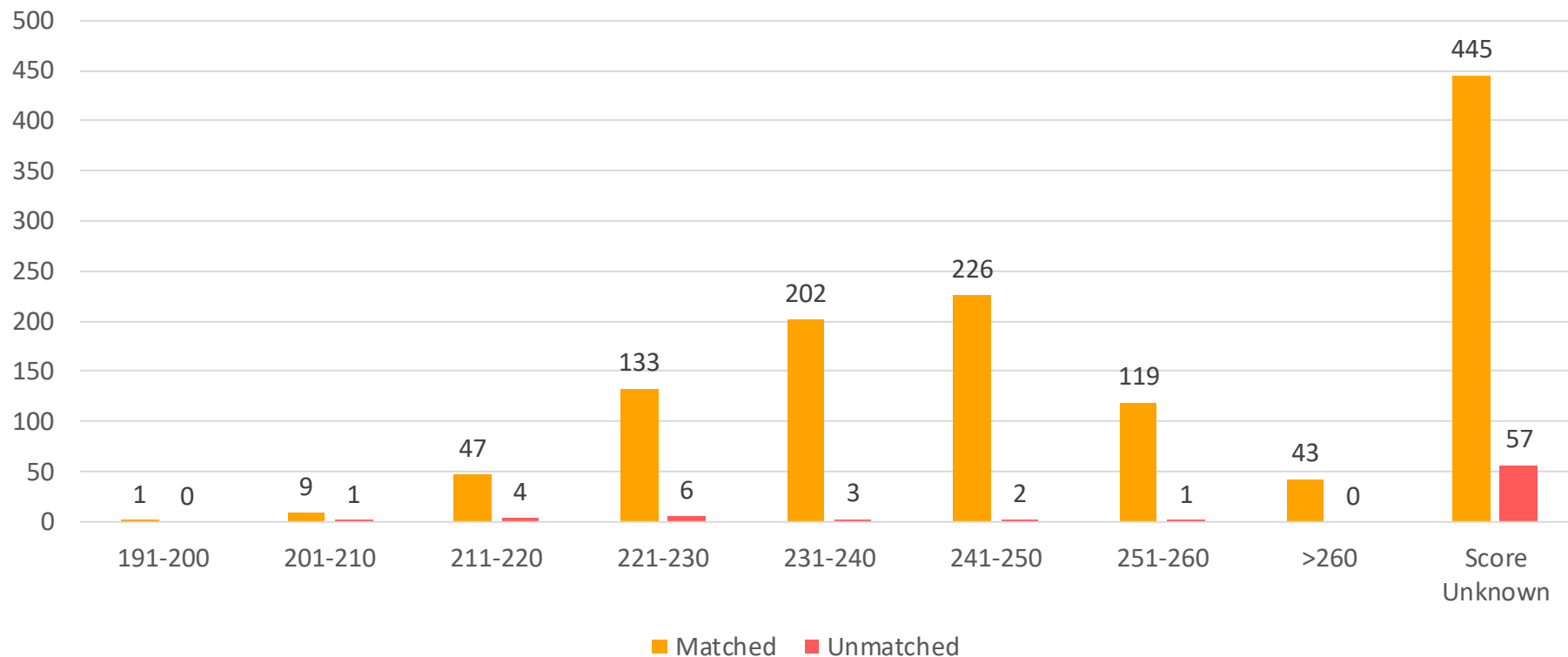


COMLEX Level 2 CE Score Ranges (2022)



Source: [Charting Outcomes in the Match: Senior Students of U.S. DO Medical Schools 2022](#)

USMLE Step 2 CK Score Ranges (2022)



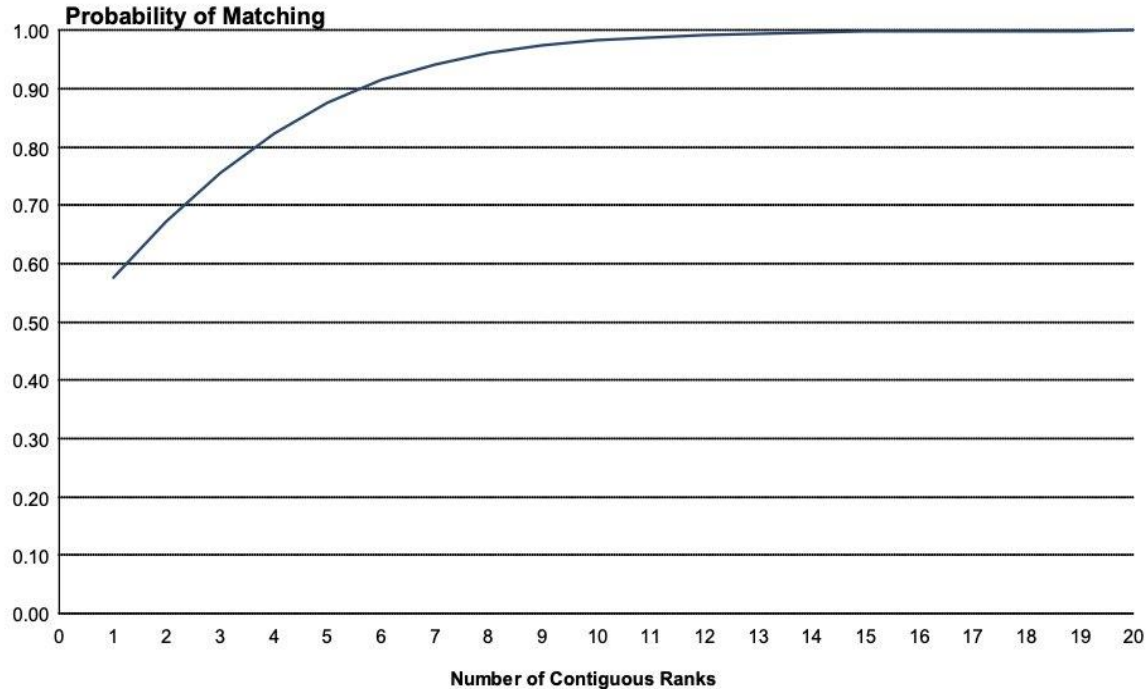
Source: [Charting Outcomes in the Match: Senior Students of U.S. DO Medical Schools 2022](#)



Probability of Matching Based on Number of Programs Ranked

**Graph
IM-1**

Probability of U.S. DO Seniors Matching to Preferred Specialty by Number of Contiguous Ranks
Internal Medicine

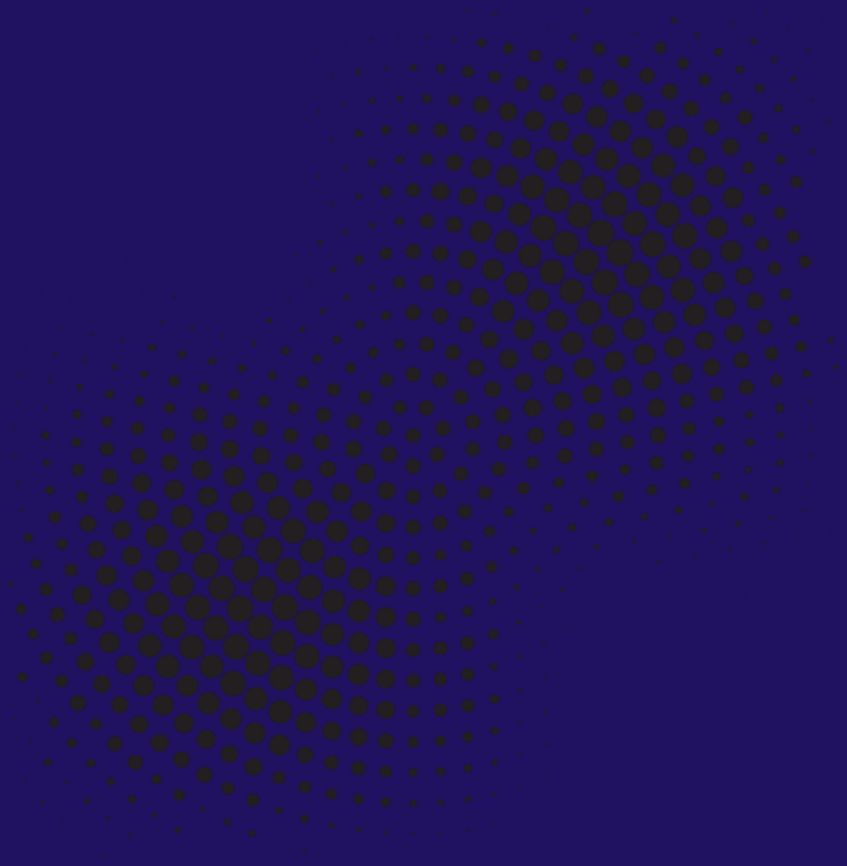


Internal Medicine Resources

- [Careers in Medicine Website](#)
- [American College of Osteopathic Internists](#)
- [American College of Physicians](#)
- [Preparing for Residency Resources](#)



Internal Medicine - Pediatrics





Internal Medicine Pediatrics Overview

Internal medicine-pediatrics, or med-peds, is a combined residency program, meaning that residents in this program complete two years of internal medicine and two years of pediatrics.

Although, at first sight, this specialty may seem similar to family medicine, there are distinct differences between the two. While family medicine has a broader scope, med-peds has greater depth. Essentially, this means that family medicine physicians must be competent in obstetrics, gynecology and some minor surgical procedures, in addition to a comprehensive knowledge of adult and pediatric medicine. However, med-peds focuses on adult and pediatric care in greater depth, whereas family medicine traditionally focuses on a greater breadth of medical knowledge.



Internal Medicine Pediatrics Cont'd

At the end of a med-peds residency, physicians are eligible to take both the internal medicine and pediatrics board exams. With their unique training, med-peds physicians are ideally qualified to care for a broad range of patients in community and hospital settings.

Source

Freeman, B. S. (2019). *The ultimate guide to choosing a medical specialty* (4 ed.). New York: McGraw Hill.

Internal Medicine Subspecialties Available to Internal Medicine-Pediatrics



- Adult Congenital Heart Disease
- Advanced Heart Failure & Transplant Cardiology
- Cardiovascular Disease
- Clinical Cardiac Electrophysiology
- Clinical Informatics
- Critical Care Medicine
- Endocrinology, Diabetes & Metabolism
- Gastroenterology
- Geriatric Medicine
- Hematology & Medical Oncology
- Infectious Disease
- Interventional Cardiology
- Interventional Pulmonology
- Medical Oncology
- Nephrology
- Pulmonary Disease
- Pulmonary Disease & Critical Care Medicine
- Rheumatology
- Sleep Medicine
- Transplant Hepatology

Source

[Accreditation Council for Graduate Medical Education \(ACGME\)](#)

Pediatric Medicine Subspecialties Available to Internal Medicine-Pediatrics



- Adolescent Medicine
- Child Abuse Pediatrics
- Clinical Informatics
- Developmental-Behavioral Pediatrics
- Neonatal-Perinatal Medicine
- Pediatric Cardiology
- Pediatric Critical Care Medicine
- Pediatric Emergency Medicine
- Pediatric Endocrinology
- Pediatric Gastroenterology
- Pediatric Hematology/Oncology
- Pediatric Infectious Diseases
- Pediatric Nephrology
- Pediatric Pulmonology
- Pediatric Rheumatology
- Sports Medicine
- Pediatric Transplant Hepatology
- Pediatric Hospital Medicine

Source

[Accreditation Council for Graduate Medical Education \(ACGME\)](#)

Internal Medicine Pediatrics Data Overview

Number of Accredited Residency Programs (2024) ¹	77
Percentage of Programs Often Interviewing DOs (2022) ²	59%
Typical Length of Residency Training	4 Years
Preliminary Year Required	No
Mean COMLEX Level 2 CE Score (2022) ³	627
Mean USMLE Step 2 Score (2022) ³	252
Program Signals (2023/2024 Application Cycle) ⁴	N/A
Mean Research Experience (2022) ³	2.9
Mean Publications, Presentations (2022) ³	5.4
Mean Number of Work Experiences (2022) ³	4.3
Mean Number of Volunteer Experiences (2022) ³	10.9
Average Hours Worked Per Week ⁵	47
Median Salary ⁵	\$255,000

Sources

- [Accreditation Council for Graduate Medical Education \(ACGME\)](#)
- [Results of the 2022 NRMP Program Director Survey](#)
- [Charting Outcomes in the Match: Senior Students of U.S. DO Medical Schools](#)
- [ERAS Application and Program Signaling for 2023-24](#)
- [Careers in Medicine](#)

Top Education & Academic Factors Considered For Choosing Interviewees

1. MSPE (100%)
2. USMLE Step 1 Score (95%)
3. Grades in Med-Peds Rotations (90%)
4. USMLE Step 2 CK Score (85%)
5. Grades in Core Clerkships (85%)
6. Any Failed USMLE Attempt (85%)
7. Class Ranking/Quartile (85%)
8. Awards/Honors in Clinical Clerkships (80%)
9. Gold Humanism Honor Society Membership (75%)
10. Awards/Honors in Internal Medicine, Pediatrics (60%)

Source

[Results of the 2021 NRMP Program Director Survey](#)



Top Personal Characteristics & Other Factors For Choosing Interviewees

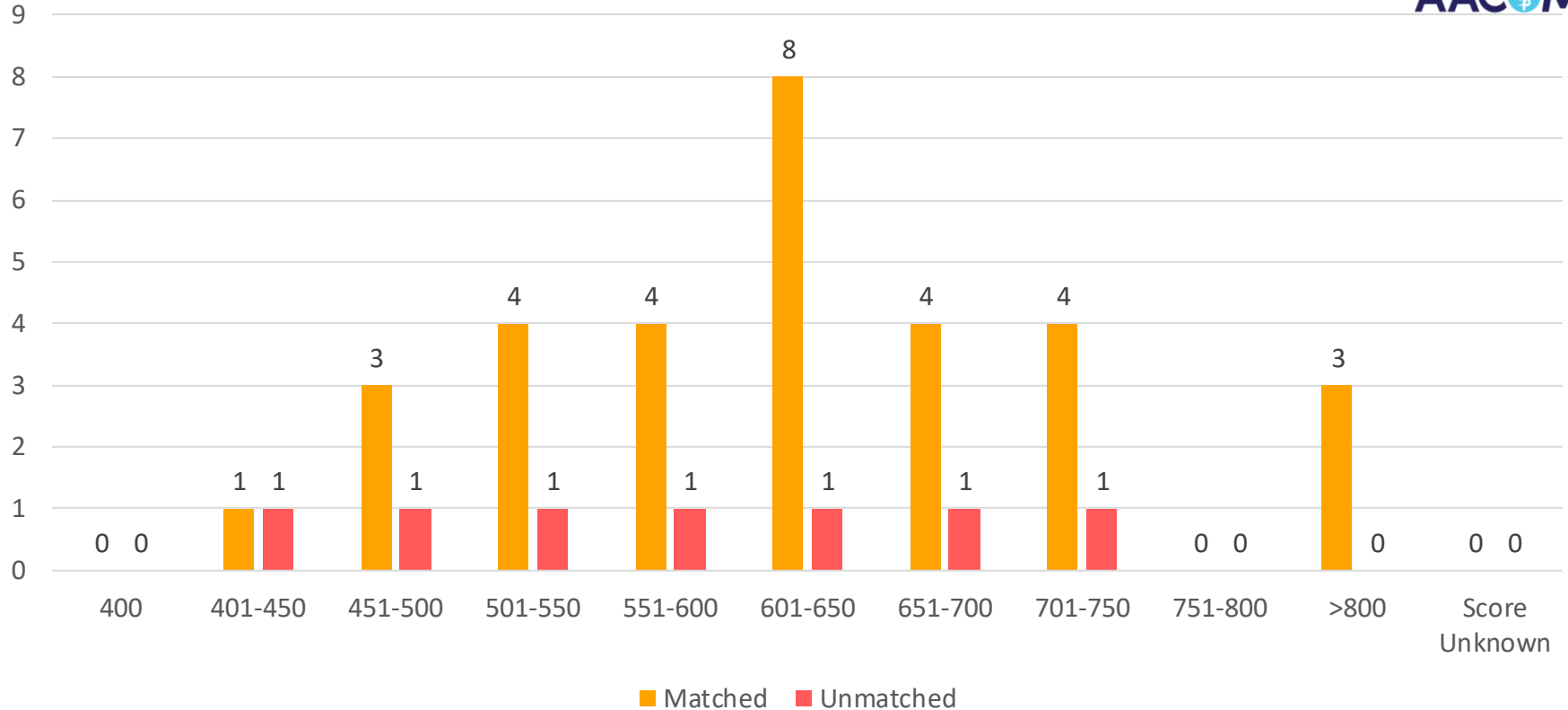
1. Personal Statement (95%)
2. Volunteer/Extracurricular Experience (95%)
3. Letters of Recommendation in the Specialty (90%)
4. Diversity Characteristics (90%)
5. Having Overcome Significant Obstacles (90%)
6. Leadership Qualities (90%)
7. Perceived Commitment to Med-Peds (85%)
8. Professionalism & Ethics (80%)
9. Other Life Experience (75%)
10. Perceived Interest in the Program (70%)

Source

[Results of the 2021 NRMP Program Director Survey](#)

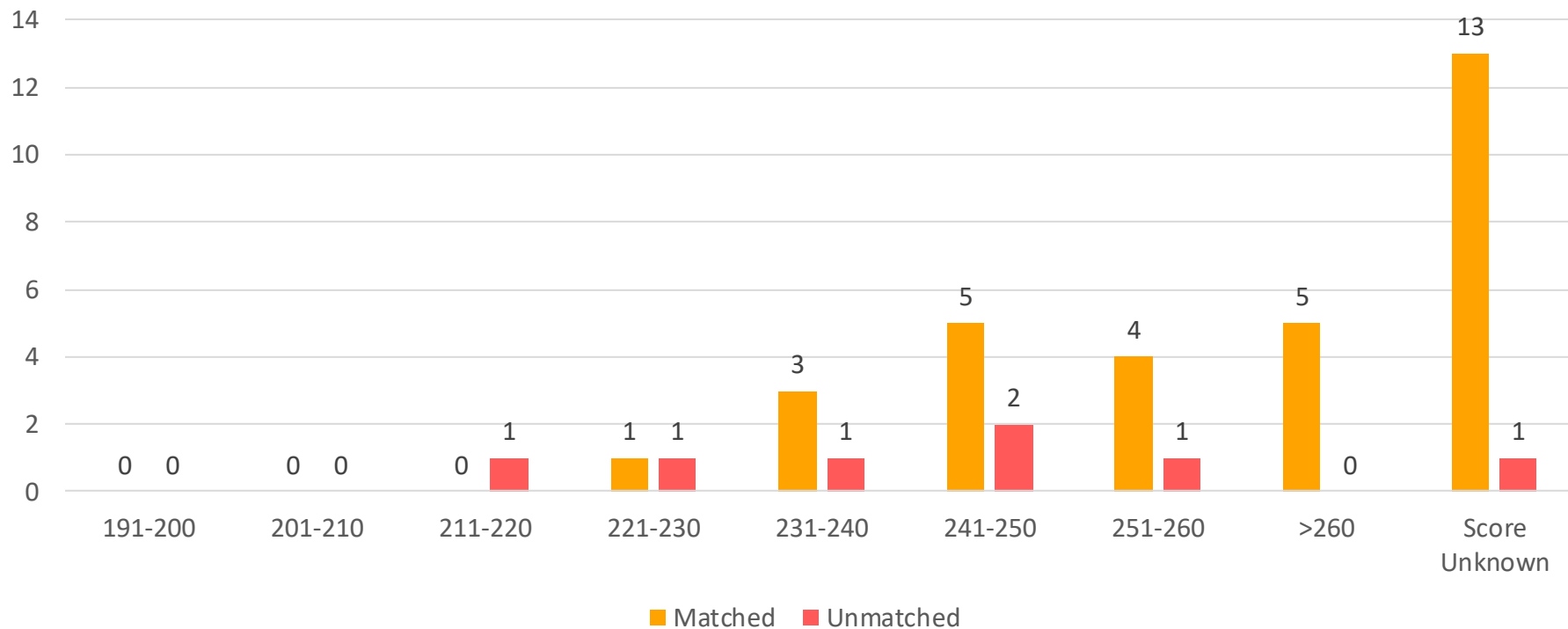


COMLEX Level 2 CE Score Ranges (2022)



Source: [Charting Outcomes in the Match: Senior Students of U.S. DO Medical Schools 2022](#)

USMLE Step 2 CK Score Ranges (2022)



Source: [Charting Outcomes in the Match: Senior Students of U.S. DO Medical Schools 2022](#)

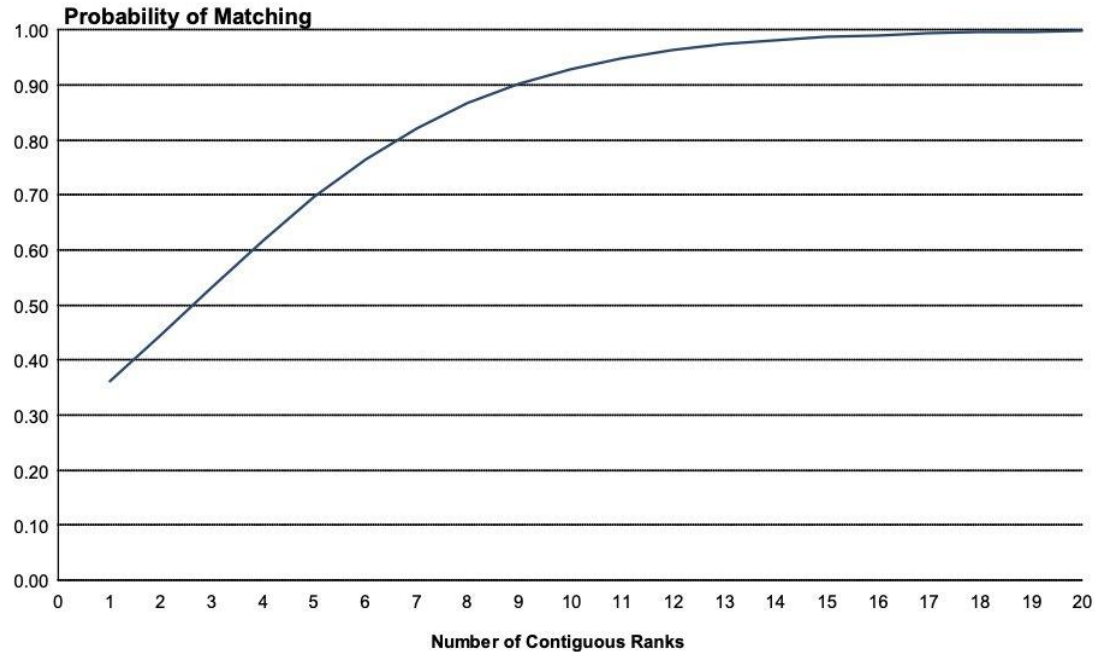


Probability of Matching Based on Number of Programs Ranked

**Graph
IP-1**

Probability of U.S. DO Seniors Matching to Preferred Specialty by Number of Contiguous Ranks

Internal Medicine/Pediatrics



Internal Medicine Pediatrics Resources

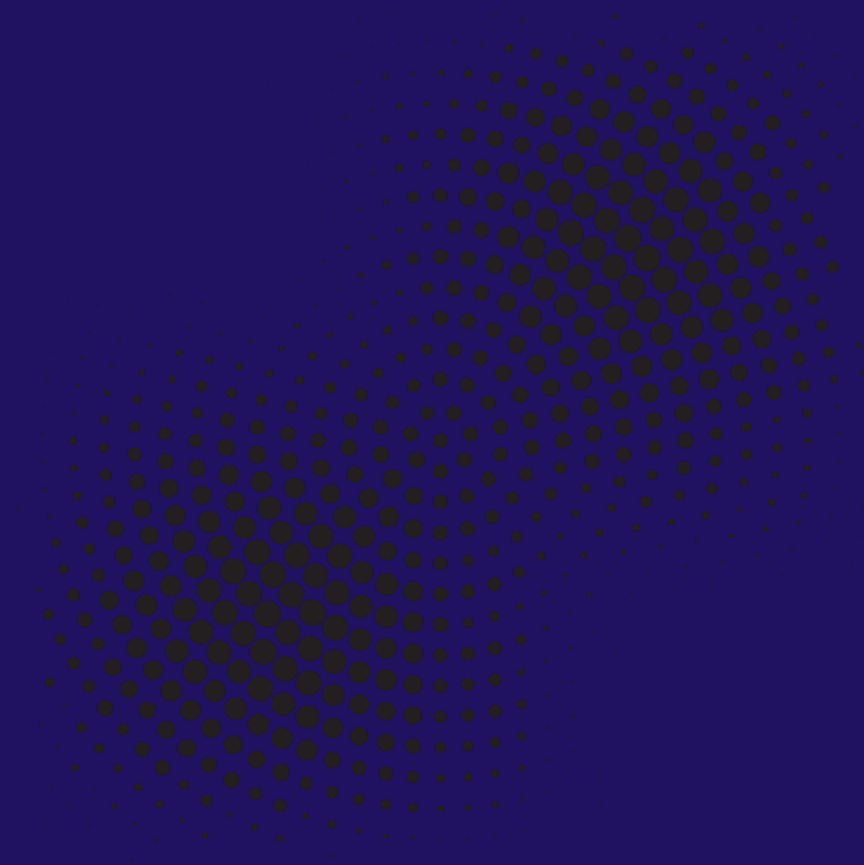
- [Careers in Medicine Website](#)
- [National Med-Peds Residents' Association](#)
- [Residency Application Resources](#)



AACOM

American Association of Colleges of
Osteopathic Medicine

Neurology





Neurology Overview

Neurological surgeons are specialized physicians who diagnose and treat conditions affecting the central and peripheral nervous systems, including the brain and spinal cord. Their work encompasses a wide range of disorders, from brain tumors and spinal cord injuries to epilepsy and Parkinson's disease. These surgeons undergo extensive training, typically completing medical school followed by a residency in neurological surgery, which may last around six to eight years. Neurological surgeons possess a deep understanding of neuroanatomy and utilize advanced surgical techniques, such as microsurgery and neuroendoscopy, to perform intricate procedures with precision and minimize damage to surrounding tissues.

Sources

Wheeler, N., & London, Z. N. (2015). Neurology. In J. W. Kung, P. M. Bishop, P. J. Slanetz, & R. L. Eisenberg (Eds.), *Tips for the residency match: What program directors are really looking for* (pp. 81-87). Malden: Wiley Blackwell.

Zabiega, T. (2019). Neurology. In B. S. Freeman (Ed.), *The ultimate guide to choosing a medical specialty* (4 ed., pp. 279-292). New York: McGraw Hill.

Neurology Subspecialties

- Clinical Neurophysiology
- Epilepsy
- Neurocritical Care
- Neuroendovascular Intervention
- Neurodevelopmental Disabilities
- Neuromuscular Medicine
- Vascular Neurology



Source
[Accreditation Council for Graduate Medical Education \(ACGME\)](#)

Neurology Data Overview

Number of Accredited Residency Programs (2024) ¹	183
Percentage of Programs Often Interviewing DOs (2022) ²	67%
Typical Length of Residency Training	4 Years
Preliminary Year Required	Yes*
Mean COMLEX Level 2 CE Score (2022) ³	563
Mean USMLE Step 2 Score (2022) ³	237
Program Signals (2023/2024 Application Cycle) ⁴	3
Mean Research Experience (2022) ³	2.6
Mean Publications, Presentations (2022) ³	3.3
Mean Number of Work Experiences (2022) ³	3.5
Mean Number of Volunteer Experiences (2022) ³	6.7
Average Hours Worked Per Week ⁵	50.8
Median Salary ⁵	\$295,000

Sources

1. [Accreditation Council for Graduate Medical Education \(ACGME\)](#)
2. [Results of the 2022 NRMP Program Director Survey](#)
3. [Charting Outcomes in the Match: Senior Students of U.S. DO Medical Schools](#)
4. [ERAS Application and Program Signaling for 2023-24](#)
5. [Careers in Medicine](#)

Top Education & Academic Factors Considered For Choosing Interviewees

1. USMLE Step 1 Score (96.6%)
2. MSPE (93.1%)
3. USMLE Step 2 CK Score (89.7%)
4. Any Failed USMLE Attempt (82.8%)
5. Class Ranking/Quartile (75.9%)
6. Grades in Neurology Rotations (75.9%)
7. Grades in Core Clerkships (72.4%)
8. Awards/Honors in Neurology (72.4%)
9. Any Failed COMLEX Attempt (69%)
10. COMLEX Level 1 Score (69%)

Source

[Results of the 2021 NRMP Program Director Survey](#)



Top Personal Characteristics & Other Factors For Choosing Interviewees

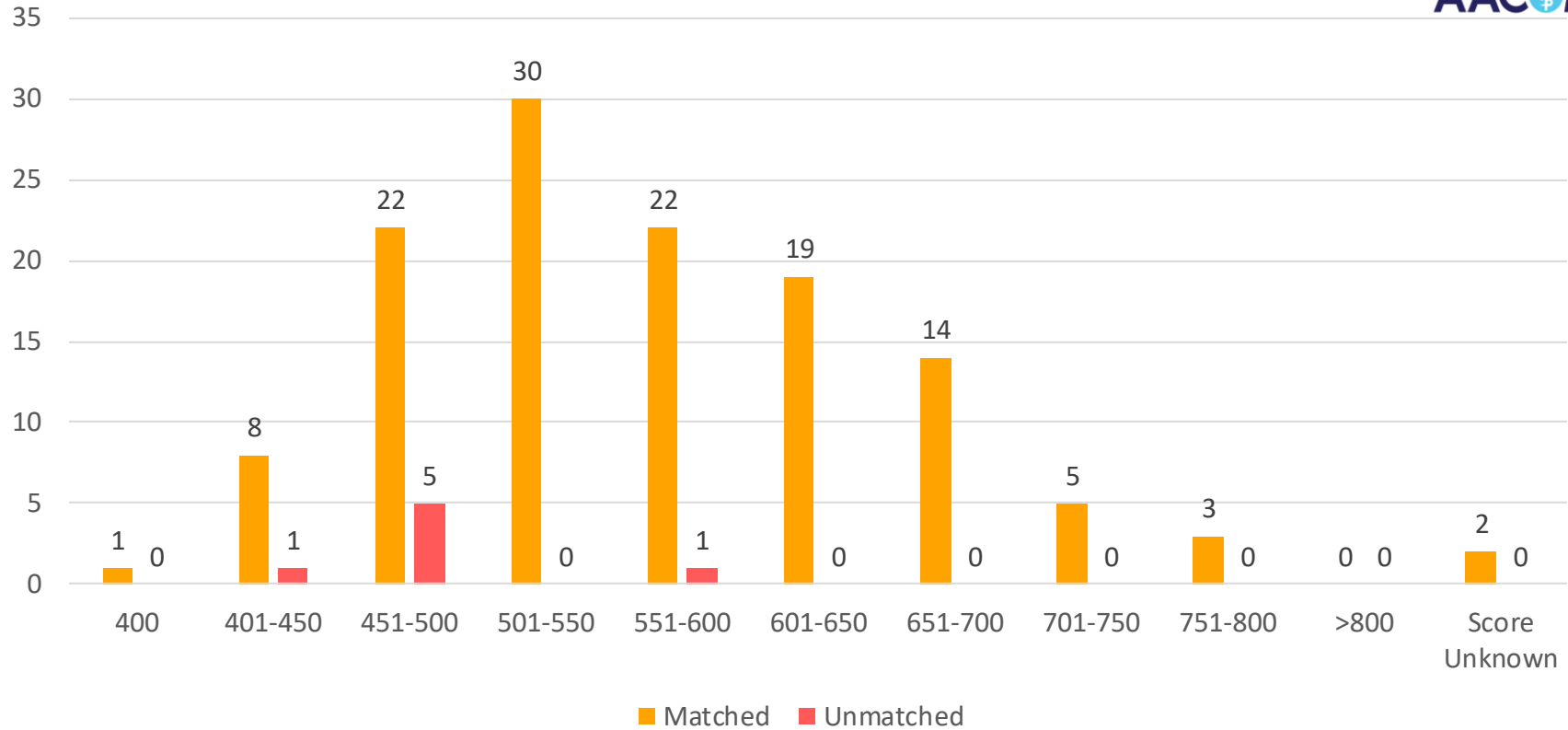
1. Letters of Recommendation in the Specialty (93.1%)
2. Perceived Commitment to Neurology (93.1%)
3. Personal Statement (82.6%)
4. Having Overcome Significant Obstacles (79.3%)
5. Professionalism & Ethics (79.3%)
6. Diversity Characteristics (75.9%)
7. Leadership Qualities (75.9%)
8. Volunteer/Extracurricular Experience (72.4%)
9. Personal Prior Knowledge of the Applicant (72.4%)
10. Other Life Experience (69%)

Source

[Results of the 2021 NRMP Program Director Survey](#)

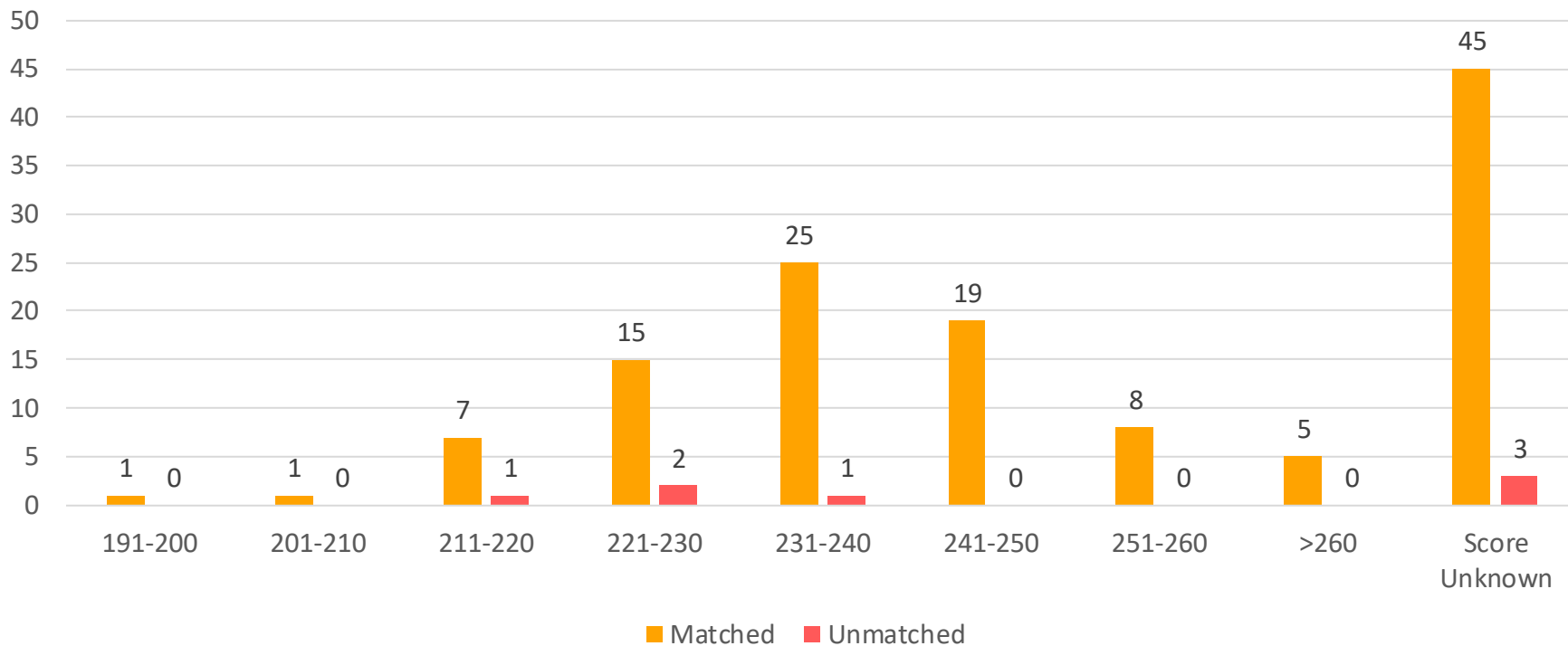


COMLEX Level 2 CE Score Ranges (2022)



Source: [Charting Outcomes in the Match: Senior Students of U.S. DO Medical Schools 2022](#)

USMLE Step 2 CK Score Ranges (2022)



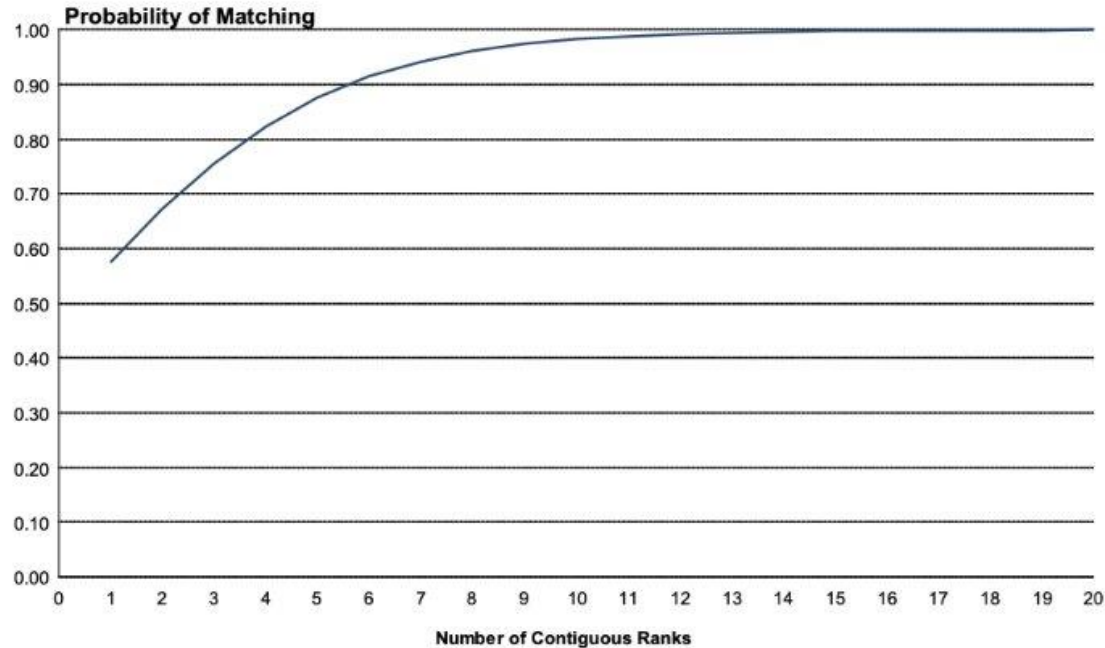
Source: [Charting Outcomes in the Match: Senior Students of U.S. DO Medical Schools 2022](#)



Probability of Matching Based on Number of Programs Ranked

**Graph
IM-1**

Probability of U.S. DO Seniors Matching to Preferred Specialty by Number of Contiguous Ranks
Internal Medicine



Neurology Resources

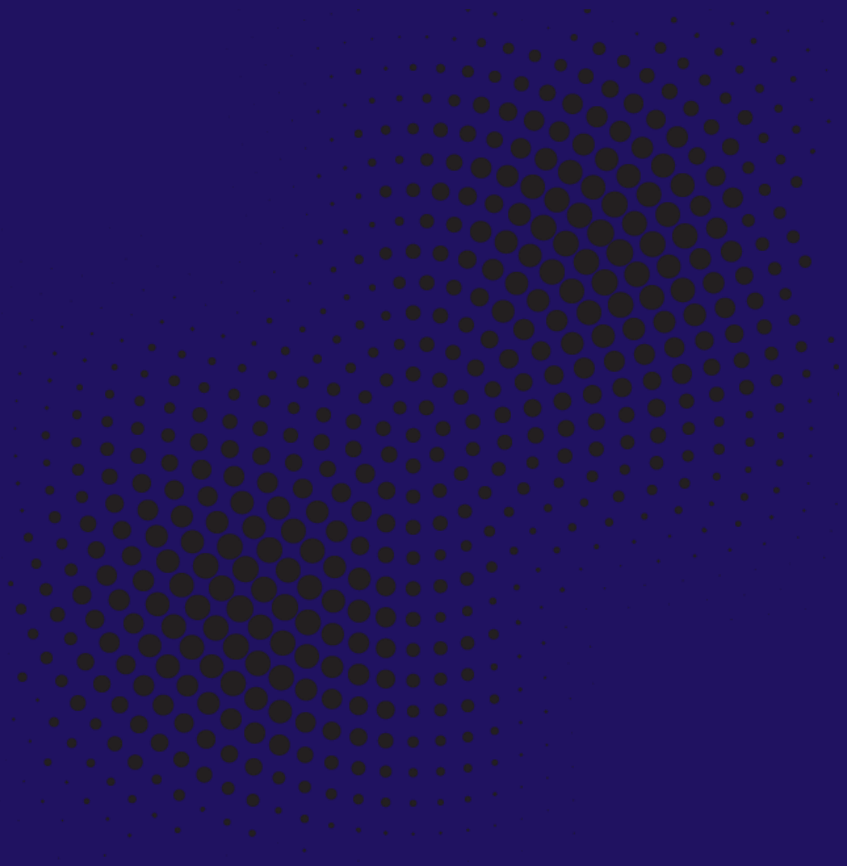
- [Careers in Medicine Website](#)
- [American College of Osteopathic Neurologists and Psychiatrists](#)
- [American Academy of Neurology](#)
- [Medical Student Resources](#)



AACOM

American Association of Colleges of
Osteopathic Medicine

Child Neurology





Child Neurology

Child neurologists specialize in the diagnosis, treatment, and management of neurological conditions in children ranging from infancy to adolescence. Their work involves assessing and addressing a wide range of neurological disorders that affect the developing brain and nervous system. Child neurologists are trained to diagnose and manage conditions such as epilepsy, developmental delays, cerebral palsy, genetic disorders affecting the nervous system, movement disorders and neurodevelopmental disorders like autism spectrum disorder and attention-deficit/hyperactivity disorder (ADHD).



Child Neurology Cont'd

Child neurologists conduct thorough evaluations of their young patients, which may include detailed medical histories, physical examinations, neurological assessments and diagnostic tests such as EEG (electroencephalogram), MRI (magnetic resonance imaging) and genetic testing. They work closely with other healthcare professionals, including pediatricians, pediatric neurosurgeons, developmental pediatricians, psychologists and therapists, to provide comprehensive care tailored to the unique needs of each child. Treatment plans developed by child neurologists may include medication management, therapy, lifestyle modifications and coordination of care with other specialists to optimize the child's neurological development and overall well-being. They also play a crucial role in providing support and guidance to families, advocating for their patients' needs and conducting research to advance the understanding and treatment of pediatric neurological disorders.



Child Neurology Subspecialties

- Child Abuse Pediatrics

Child Neurology Data Overview Neurology

Number of Accredited Residency Programs (2024) ¹	79
Percentage of Programs Often Interviewing DOs (2022) ²	78%
Typical Length of Residency Training	5 Years
Preliminary Year Required	Yes*
Mean COMLEX Level 2 CE Score (2022) ³	562
Mean USMLE Step 2 Score (2022) ³	238
Program Signals (2023/2024 Application Cycle) ⁴	3
Mean Research Experience (2022) ³	2.8
Mean Publications, Presentations (2022) ³	3.5
Mean Number of Work Experiences (2022) ³	4.1
Mean Number of Volunteer Experiences (2022) ³	8.1
Average Hours Worked Per Week ⁵	N/A
Median Salary ⁵	\$245,655

Sources

- [Accreditation Council for Graduate Medical Education \(ACGME\)](#)
- [Results of the 2022 NRMP Program Director Survey](#)
- [Charting Outcomes in the Match: Senior Students of U.S. DO Medical Schools](#)
- [ERAS Application and Program Signaling for 2023-24](#)
- [Careers in Medicine](#)

Note

*Some child neurology programs require a preliminary year (advanced programs), while others do not (categorical programs).

Top Education & Academic Factors Considered For Choosing Interviewees

1. MSPE (92.3%)
2. Grades in Child Neurology Rotations (92.3%)
3. USMLE Step 1 Score (84.6%)
4. USMLE Step 2 CK Score (84.6%)
5. Grades in Core Clerkships (84.6%)
6. Consistency of Grades (84.6%)
7. Any Failed USMLE Attempt (76.9%)
8. Awards/honors in Neurology (76.9%)
9. Awards/Honors in Clerkships (69.2%)
10. Passing Step 2 CS (69.2%)

Source

[Results of the 2021 NRMP Program Director Survey](#)



Top Personal Characteristics & Other Factors For Choosing Interviewees

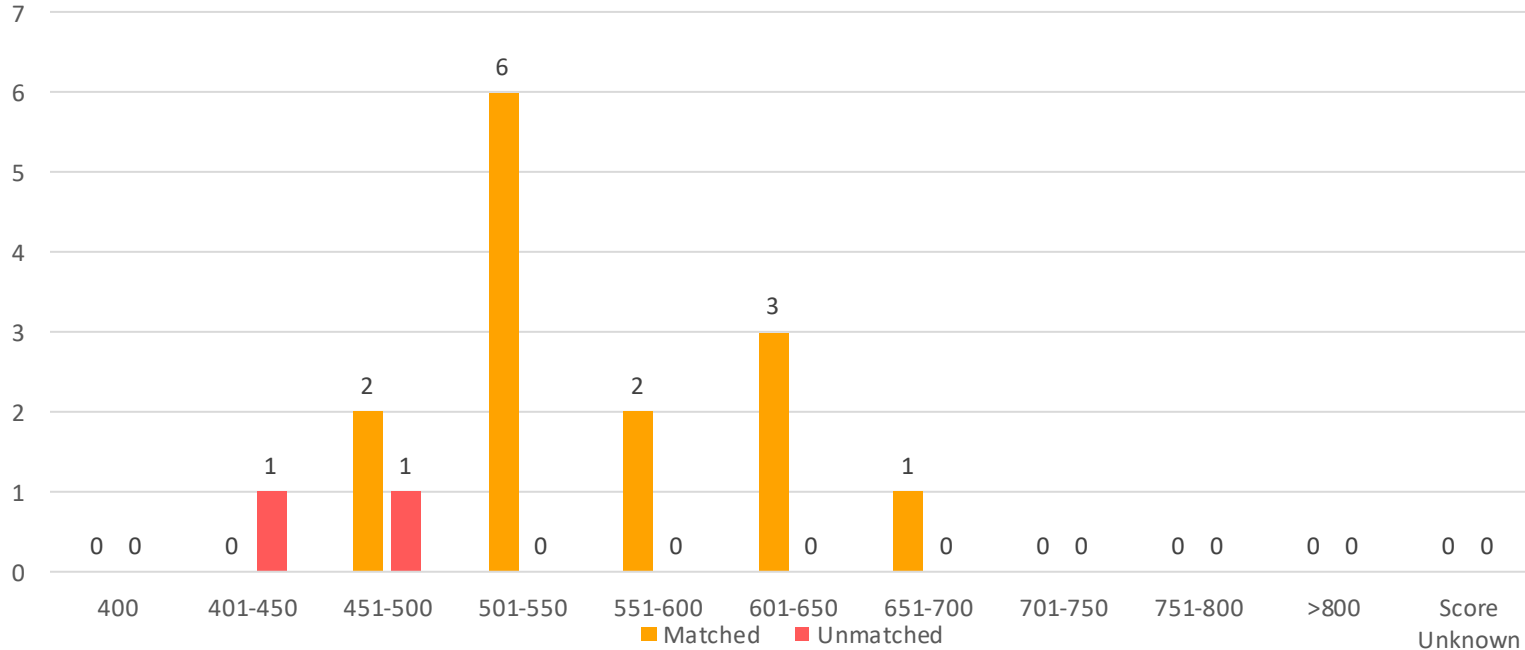
1. Perceived Commitment to Child Neurology (100%)
2. Personal Statement (92.3%)
3. Having Overcome Significant Obstacles (92.3%)
4. Letters of Recommendation in the Specialty (84.6%)
5. Other Life Experience (76.2%)
6. Professionalism & Ethics (69.2%)
7. Diversity Characteristics (69.2%)
8. Leadership qualities (69.2%)
9. Perceived interest in the program (69.2%)
10. Personal prior knowledge of the applicant (61.5%)

Source

[Results of the 2021 NRMP Program Director Survey](#)

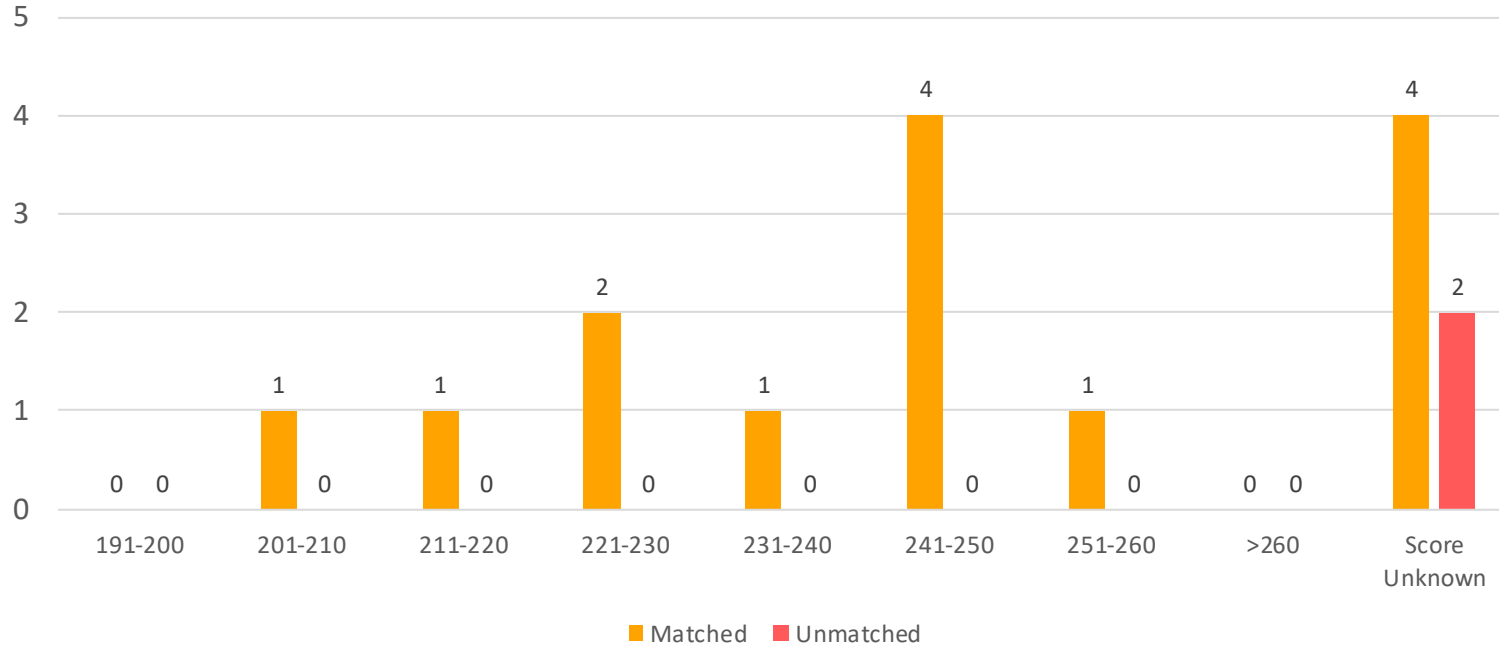


COMLEX Level 2 CE Score Ranges (2022)



Source: [Charting Outcomes in the Match: Senior Students of U.S. DO Medical Schools 2022](#)

USMLE Step 2 CK Score Ranges (2022)

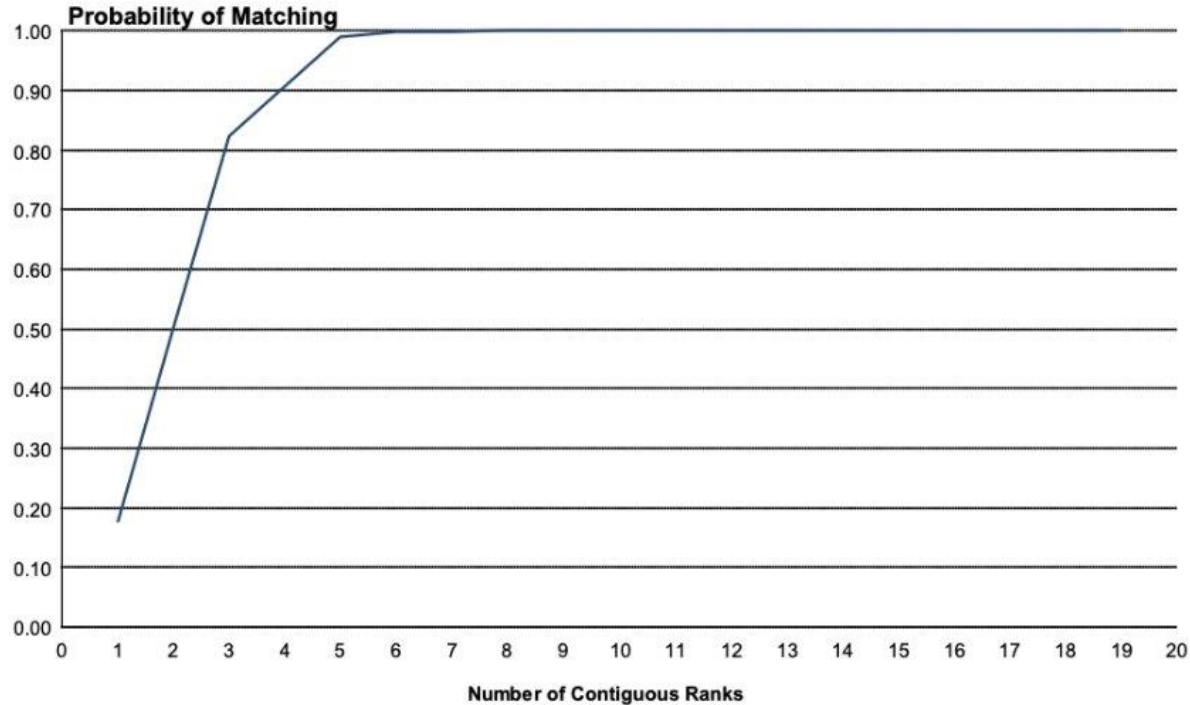


Source: [Charting Outcomes in the Match: Senior Students of U.S. DO Medical Schools 2022](#)

Probability of Matching Based on Number of Programs Ranked

**Graph
CN-1**

Probability of U.S. DO Seniors Matching to Preferred Specialty by Number of Contiguous Ranks
Child Neurology

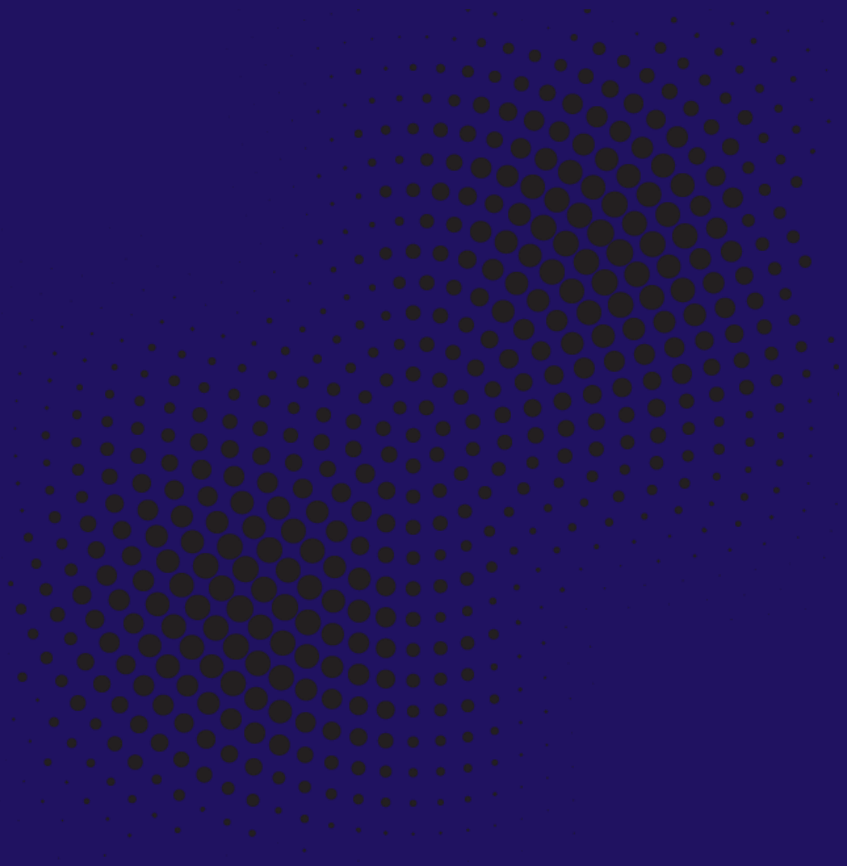


Child Neurology Resources

- [Careers in Medicine Website](#)
- [American College of Osteopathic Neurologists and Psychiatrists](#)
- [Child Neurology Society](#)



Neurological Surgery





Neurological Surgery Overview

Neurological surgeons are specialized physicians who diagnose and treat conditions affecting the central and peripheral nervous systems, including the brain and spinal cord. Their work encompasses a wide range of disorders, from brain tumors and spinal cord injuries to epilepsy and Parkinson's disease. These surgeons undergo extensive training, typically completing medical school followed by a residency in neurological surgery, which may last around six to eight years. Neurological surgeons possess a deep understanding of neuroanatomy and utilize advanced surgical techniques, such as microsurgery and neuroendoscopy, to perform intricate procedures with precision and minimize damage to surrounding tissues.



Neurological Surgery Cont'd

In their daily practice, neurological surgeons assess patients through thorough examinations, imaging studies and diagnostic tests to formulate treatment plans. They may perform surgeries to remove brain tumors, repair spinal cord injuries, alleviate pressure on nerves caused by conditions like herniated discs or implant devices such as deep brain stimulators for Parkinson's disease management. Beyond surgical interventions, they also offer guidance on non-surgical treatment options, including medication management and rehabilitation therapies, to optimize patient outcomes.

Source

Shahlaie, K. (2019). Neurosurgery. In B. S. Freeman (Ed.), *The ultimate guide to choosing a medical specialty* (4 ed., pp. 293-310). New York: McGrawHill.

Neurological Surgery Subspecialties



- Neuroendovascular Intervention

Source
[Accreditation Council for Graduate Medical
Education \(ACGME\)](#)

Neurological Surgery Data Overview

Number of Accredited Residency Programs (2024) ¹	117
Percentage of Programs Often Interviewing DOs (2022) ²	11%
Typical Length of Residency Training	7 Years
Preliminary Year Required	No
Mean COMLEX Level 2 CE Score (2022) ³	643
Mean USMLE Step 2 Score (2022) ³	253
Program Signals (2023/2024 Application Cycle) ⁴	25
Mean Research Experience (2022) ³	7.8
Mean Publications, Presentations (2022) ³	32.6
Mean Number of Work Experiences (2022) ³	4.3
Mean Number of Volunteer Experiences (2022) ³	6.8
Average Hours Worked Per Week ⁵	58.2
Median Salary ⁵	\$734,000

Sources

- [Accreditation Council for Graduate Medical Education \(ACGME\)](#)
- [Results of the 2022 NRMP Program Director Survey](#)
- [Charting Outcomes in the Match: Senior Students of U.S. DO Medical Schools](#)
- [ERAS Application and Program Signaling for 2023-24](#)
- [Careers in Medicine](#)

Top Education & Academic Factors Considered For Choosing Interviewees

1. USMLE Step 1 Score (89.5%)
2. MSPE (73.7%)
3. Grades in Core Clerkships (73.7%)
4. USMLE Step 2 CK Score (68.4%)
5. Class Ranking/Quartile (63.2%)
6. Grades in Neurological Surgery Rotations (63.2%)
7. Awards/Honors in Clerkships (57.9%)
8. Consistency of Grades (52.6%)
9. Awards/Honors in Neurological Surgery (42.1%)
10. Alpha Omega Alpha Membership (36.8%)

Source

[Results of the 2021 NRMP Program Director Survey](#)



Top Personal Characteristics & Other Factors For Choosing Interviewees

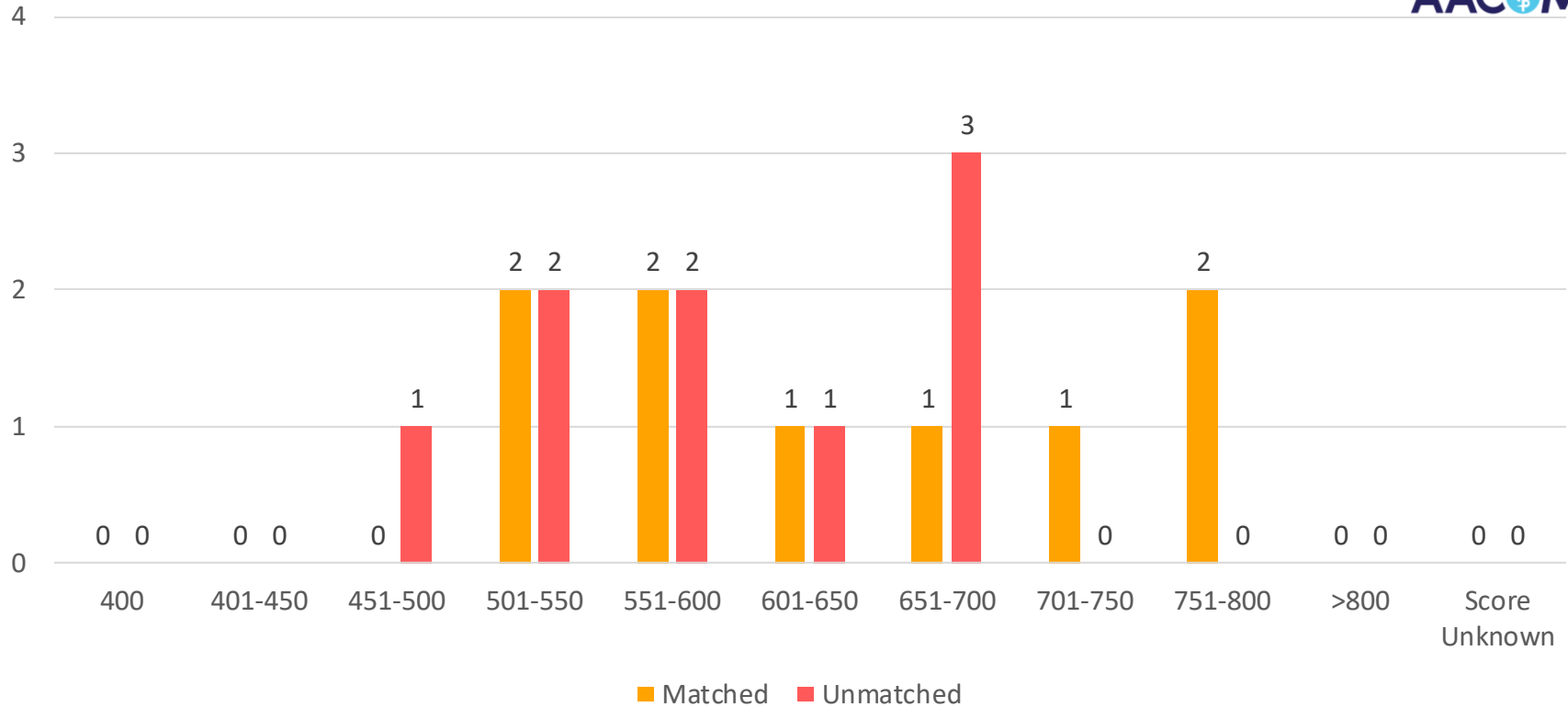
1. Letters of Recommendation in the Specialty (94.7%)
2. Involvement & Interest in Research (73.7%)
3. Personal Statement (68.4%)
4. Diversity Characteristics (68.4%)
5. Perceived Commitment to Neurological Surgery (68.4%)
6. Professionalism & Ethics (63.2%)
7. Perceived Interest in the Program (57.9%)
8. Having Overcome Significant Obstacles (52.6%)
9. Personal Prior Knowledge of the Applicant (52.6%)
10. Other Life Experience (52.6%)

Source

[Results of the 2021 NRMP Program Director Survey](#)

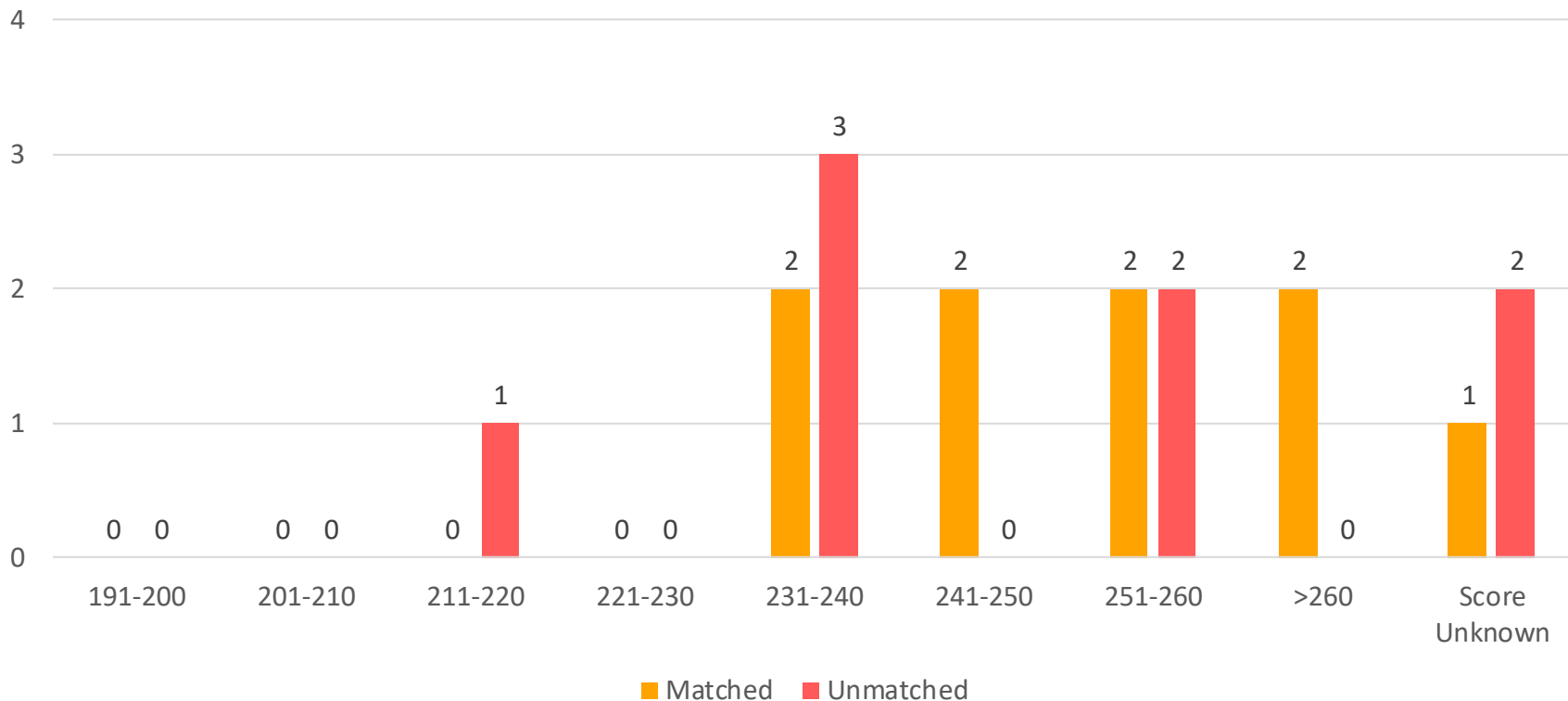


COMLEX Level 2 CE Score Ranges (2022)



Source: [Charting Outcomes in the Match: Senior Students of U.S. DO Medical Schools 2022](#)

USMLE Step 2 CK Score Ranges (2022)



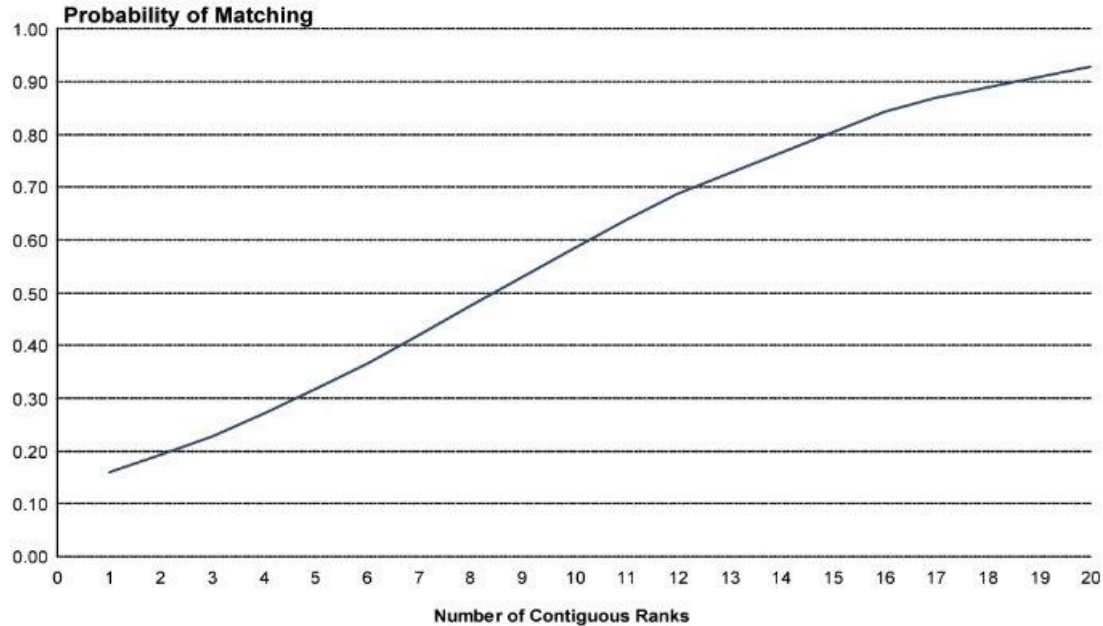
Source: [Charting Outcomes in the Match: Senior Students of U.S. DO Medical Schools 2022](#)



Probability of Matching Based on Number of Programs Ranked

**Graph
NS-1**

Probability of U.S. DO Seniors Matching to Preferred Specialty by Number of Contiguous Ranks
Neurological Surgery



Neurological Surgery Resources

- [Careers in Medicine Website](#)
- [American College of Osteopathic Surgeons](#)
- [American Association of Neurological Surgeons](#)
- [Neurosurgery Match Resources](#)



American Association of Colleges of
Osteopathic Medicine

Obstetrics & Gynecology



Obstetrics & Gynecology Overview

Obstetrics and gynecology (OB-GYN) delivers specialized medical care for , with obstetrics focusing on medical care before, during and after birth, and gynecology focusing on disorders affecting the reproductive system. OB-GYN requires physicians to have medical, obstetrical and surgical expertise in order to provide lifelong care to patients.

OB-GYN physicians also regularly treat urinary and sexual dysfunction, sexually transmitted diseases, infertility, pain disorders, menopausal symptoms and psychosocial issues, such as domestic abuse. Surgical procedures performed by OB-GYN physicians include laparotomy and laparoscopy.



Obstetrics & Gynecology Cont'd

OB-GYN physicians are adept at dealing with sensitive subjects and tense situations, can make quick but well-considered decisions, and are strong advocates for their patients.

Sources

Dunn, K., Miller, C., & Yvette, L. D. (2015). Obstetrics and gynecology. In J. W. Kung, P. M. Bishop, P. J. Slanetz, & R. L. Eisenberg (Eds.), *Tips for the residency match: What residency directors are really looking for* (pp. 89-92). Malden: Wiley Blackwell.

Elmore, K. O. (2019). Obstetrics and gynecology. In B. S. Freeman (Ed.), *The ultimate guide to choosing a medical specialty* (4 ed., pp. 311-323). New York: McGraw Hill.

Obstetrics & Gynecology Subspecialties



- Female Pelvic Medicine & Reconstructive Surgery
- Gynecologic Oncology
- Maternal-Fetal Medicine
- Reproductive Endocrinology & Infertility
- Complex Family Planning

Source

[Accreditation Council for Graduate Medical Education \(ACGME\)](#)

Obstetrics & Gynecology Data Overview

Number of Accredited Residency Programs (2024) ¹	294
Percentage of Programs Often Interviewing DOs (2022) ²	53%
Typical Length of Residency Training	4 Years
Preliminary Year Required	No
Mean COMLEX Level 2 CE Score (2022) ³	601
Mean USMLE Step 2 Score (2022) ³	243
Program Signals (2023/2024 Application Cycle) ⁴	18
Mean Research Experience (2022) ³	2.4
Mean Publications, Presentations (2022) ³	3.6
Mean Number of Work Experiences (2022) ³	3.7
Mean Number of Volunteer Experiences (2022) ³	8.5
Average Hours Worked Per Week ⁵	58
Median Salary ⁵	\$327,000

Sources

- [Accreditation Council for Graduate Medical Education \(ACGME\)](#)
- [Results of the 2022 NRMP Program Director Survey](#)
- [Charting Outcomes in the Match: Senior Students of U.S. DO Medical Schools](#)
- [ERAS Application and Program Signaling for 2023-24](#)
- [Careers in Medicine](#)

Top Education & Academic Factors Considered For Choosing Interviewees

1. USMLE Step 1 Score (84.3%)
2. MSPE (84.3%)
3. Grades in Core Clerkships (79.8%)
4. USMLE Step 2 CK Score (78.7%)
5. Grades in OB-GYN Rotations (76.4%)
6. Any Failed USMLE Attempt (71.9%)
7. Class Ranking/Quartile (71.9%)
8. Gold Humanism Honor Society Membership (64%)
9. Consistency of Grades (56.2%)
10. Awards/Honors in OB-GYN (55.1%)

Source

[Results of the 2021 NRMP Program Director Survey](#)



Top Personal Characteristics & Other Factors For Choosing Interviewees

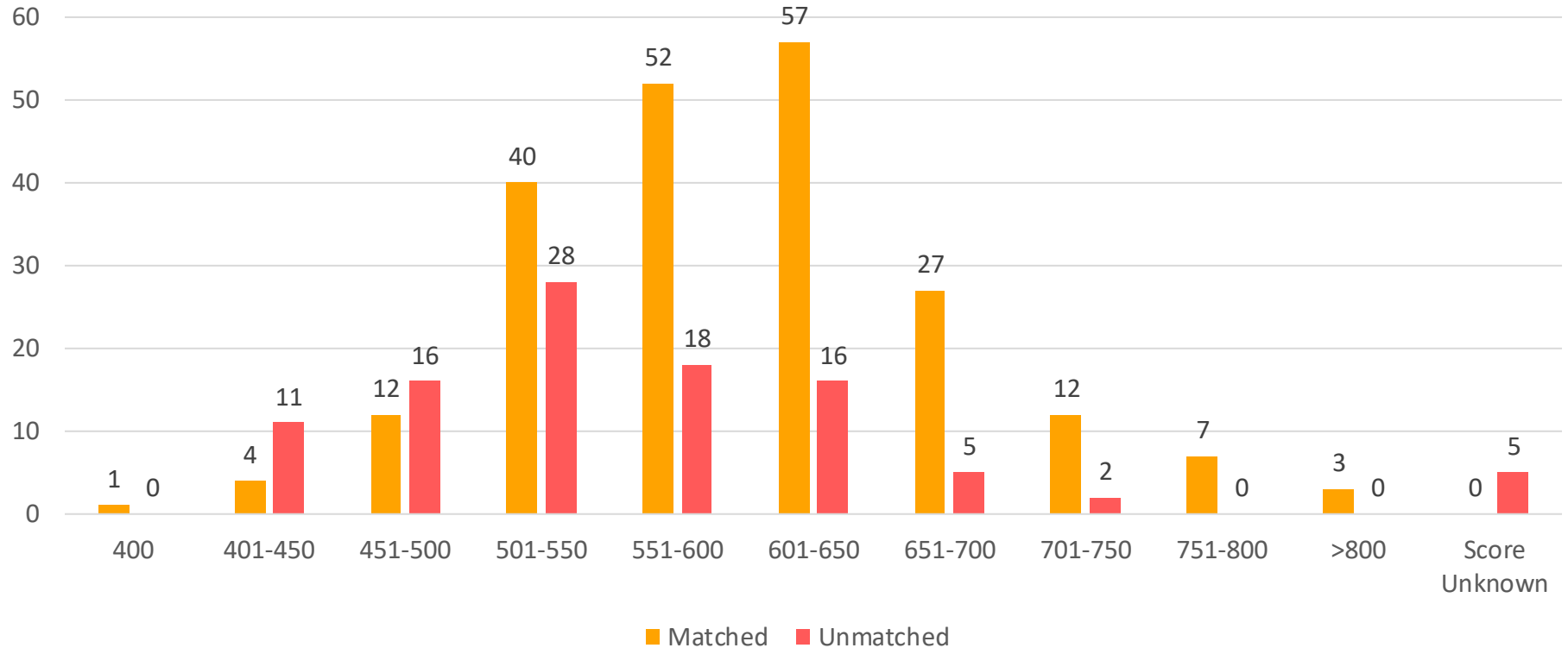
1. Letters of Recommendation in the Specialty (88.8%)
2. Diversity Characteristics (88.8%)
3. Personal Statement (84.3%)
4. Leadership Qualities (79.8%)
5. Perceived Interest in the Program (78.7%)
6. Having Overcome Significant Obstacles (78.7%)
7. Volunteer/Extracurricular Experience (77.5%)
8. Perceived Commitment to OB-GYN (76.4%)
9. Professionalism & Ethics (73%)
10. Other Life Experience (69.7%)

Source

[Results of the 2021 NRMP Program Director Survey](#)



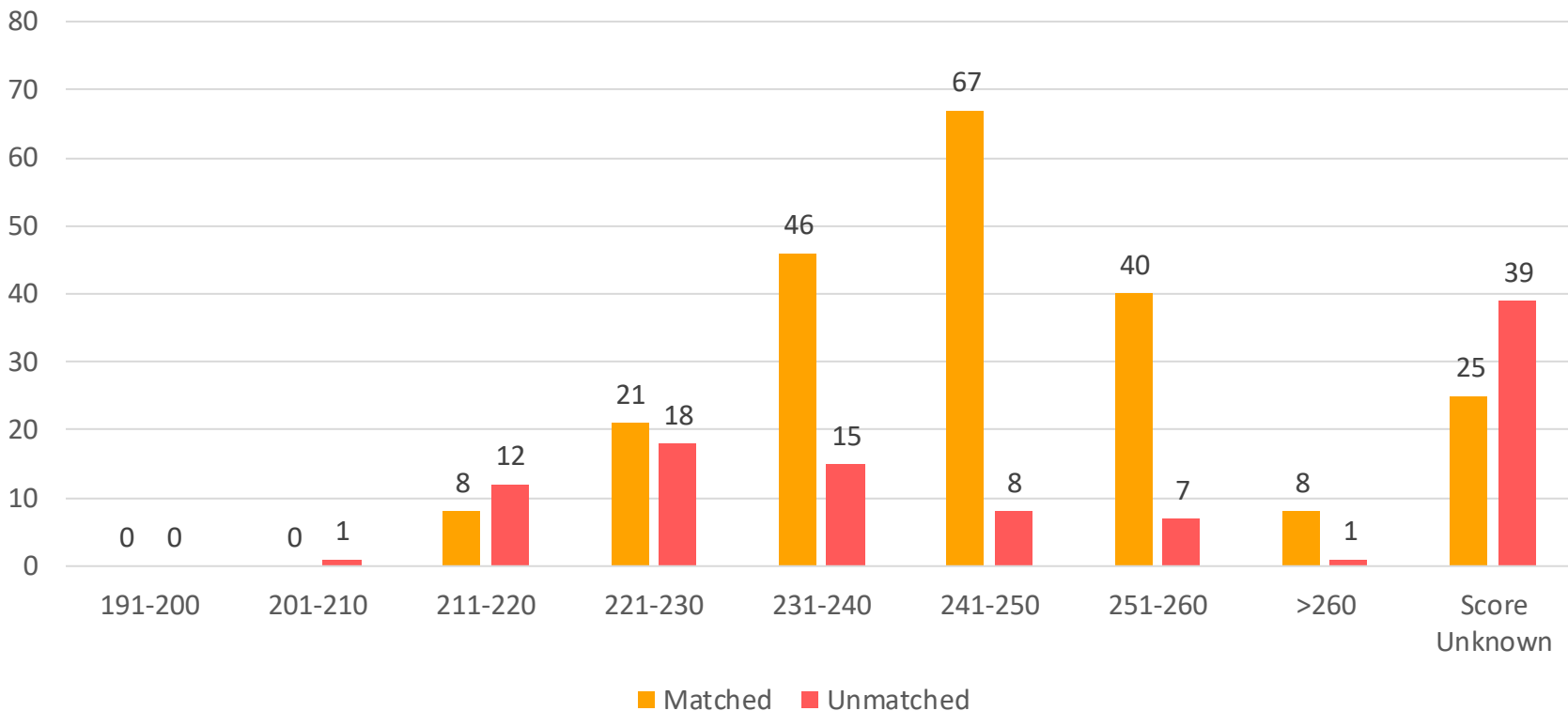
COMLEX Level 2 CE Score Ranges (2022)



Source: [Charting Outcomes in the Match: Senior Students of U.S. DO Medical Schools 2022](#)



USMLE Step 2 CK Score Ranges (2022)



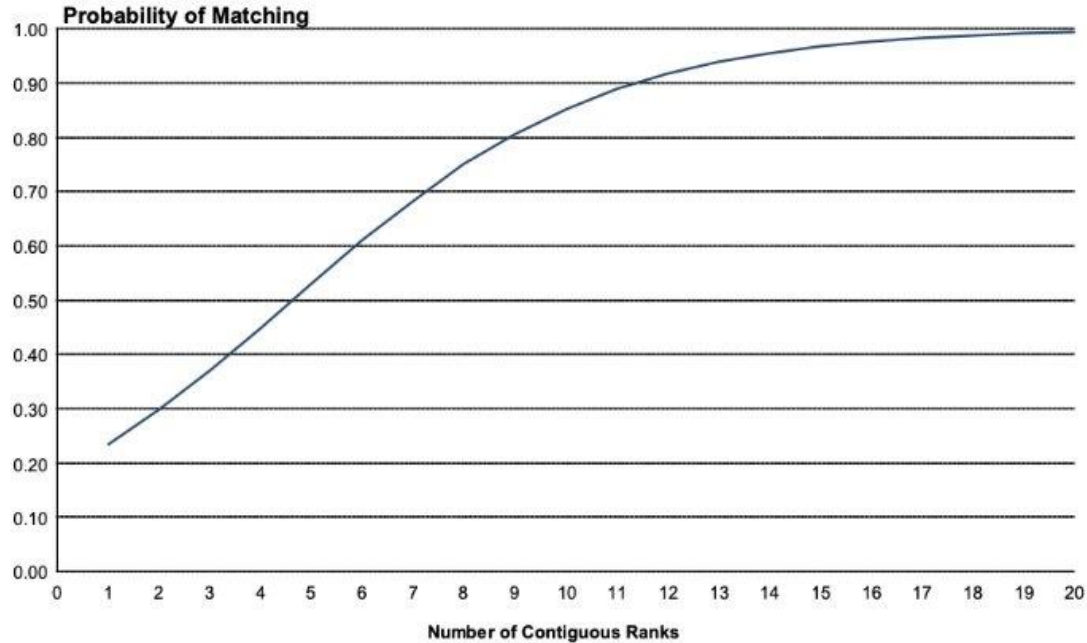
Source: [Charting Outcomes in the Match: Senior Students of U.S. DO Medical Schools 2022](#)



Probability of Matching Based on Number of Programs Ranked

**Graph
OB-1**

Probability of U.S. DO Seniors Matching to Preferred Specialty by Number of Contiguous Ranks
Obstetrics and Gynecology



Obstetrics & Gynecology Resources

- [Careers in Medicine Website](#)
- [American College of Osteopathic Obstetricians and Gynecologists](#)
- [American College of Obstetricians and Gynecologists](#)
- [Residency Application Resources](#)





Osteopathic Neuromusculoskeletal Medicine



ONMM Overview

Osteopathic neuromusculoskeletal medicine (ONMM) programs stand out for their commitment to exploring neuromusculoskeletal disorders (NMM) and the practice of osteopathic manipulative medicine (OMM).

Completing an ACGME-accredited osteopathic neuromusculoskeletal medicine program lays a solid groundwork for assessing and treating neuromusculoskeletal issues in various patient settings, including outpatient and inpatient care for medical, surgical, pediatric and OB-GYN cases. These programs embed a strong focus on studying osteopathic principles and practices within their requirements.



ONMM Cont'd

Originally conceived as a specialized area for those interested in the primary specialty of OMM, the field has since evolved into neuromusculoskeletal medicine/osteopathic manipulative medicine (NMM/OMM), recognized today as Osteopathic Neuromusculoskeletal Medicine (ONMM).

Source

[American Academy of Osteopathy](#), (Accessed, March 2024)



ONMM Pathways

ONMM program offers three entry levels based on prior training: ONMM1 (36 months), ONMM2 (24 months), and ONMM3 (12 months). Accredited programs may choose the level at which they accept applicants. Completion of an ACGME-accredited ONMM program grants AOBNMM board eligibility. Residents can also pursue combined specialties, either through a 48-month ACGME program or by completing a three-year residency in another specialty with strong OMM components and entering ONMM3 in the fourth year. Both options lead to board eligibility in both specialties within 48 months.



ONMM Pathways

For ONMM1 entry, applicants can apply through the NRMP match in their fourth year of medical school. Entering at this level offers advantages such as early ONMM experience, training in a single location and becoming familiar with hospital services before the dedicated ONMM years. ONMM2 entry requires completion of a postgraduate year in various programs, with flexibility in rotations. Programs are recommended to have Osteopathic Recognition to compensate for the ONMM experience in the ONMM1 year.

To enter at the ONMM3 level, applicants must complete an AOA-approved or ACGME-accredited residency program with Osteopathic Recognition. They should demonstrate a significant osteopathic component in their training, including specific ONMM outpatient visits and treatments in various specialties. The ONMM Program Requirements are available on the ACGME website.

ONMM Programs

As NRMP does not provide in-depth match data for ONMM programs, the list of available ONMM programs is provided below for students interested in ONMM. Program websites can be accessed by clicking on the program name.

- [Philadelphia College of Osteopathic Medicine, Philadelphia, PA](#)
 - Contact: MaryMc@pcom.edu
- [Stony Brook Southampton Hospital, Southampton, NY](#)
 - Contact: Patty.DeRobertis@stonybrookmedicine.edu
- [St Barnabas Hospital, Bronx, NY](#)
 - Contact: Jonathan.Torres@atlantichhealth.org
- [Morristown Medical Center, Morristown, NJ](#)
 - Contact: Jonathan.Torres@atlantichhealth.org
- [Rowan-Virtua School of Osteopathic Medicine, Stratford, NJ](#)
 - Contact: coe@rowan.edu
- [Eastern Connecticut Health Network, Manchester, CT](#)
 - Contact: thall@echn.org
- [Northern Light Eastern Maine Medical Center, Bangor, ME](#)
 - Contact: mpelkey@emhs.org
- [Maine-Dartmouth, Augusta, ME](#)
 - Contact: Kathleen.Keene@mainegeneral.org
- [Berkshire Medical Center, Pittsfield, MA](#)
 - Contact: parmstron2@bhs1.org
- [Still OPTI - Northeast Medical Center, Parker, CO](#)
 - Contact: melissayowell@atsu.edu
- [Michigan State University, East Lansing, MI](#)
 - Contact: bentonmi@msu.edu
- [Trinity Health, Muskegon, MI](#)
 - Contact: Yoonhee.Kelley@trinity-health.org

ONMM Programs

- [Cleveland Clinic - South Pointe Hospital, Warrensville Heights, OH](#)
 - Contact: owensj13@ccf.org
- [Ohio Health O'Bleness Hospital, Athens, OH](#)
 - Contact: Lizzie.Kasler@ohiohealth.com
- [Greenbrier Valley Medical Center, Ronceverte, WV](#)
 - Contact: savannah.harvey@vandaliahealth.org
- [HCA LewisGale Hospital, Blacksburg, VA](#)
 - Contact: msimpkins@vcom.edu
- [Liberty University College of Osteopathic Medicine, Lynchburg, VA](#)
 - Contact: apack@collaborativehp.com
- [AdventHealth, Orlando, FL](#)
 - Contact: lori.baiji@adventhealth.com
- [Larkin Community Hospital, Hialeah, FL](#)
 - Contact: arlysg@larkinhospital.com
- [Midwestern University GME Consortium, Glendale, AZ](#)
 - Contact: mreese@midwestern.edu
- [Mountainview Medical Center, Las Cruces, NM](#)
 - Contact: flores2@mountainviewregional.com
- [Oklahoma State University College of Osteopathic Medicine, Tulsa, OK](#)
 - Contact: rebecca.allison@okstate.edu
- [Lake Granbury Medical Center, Granbury, TX](#)
 - Contact: cory_johnson@chs.net

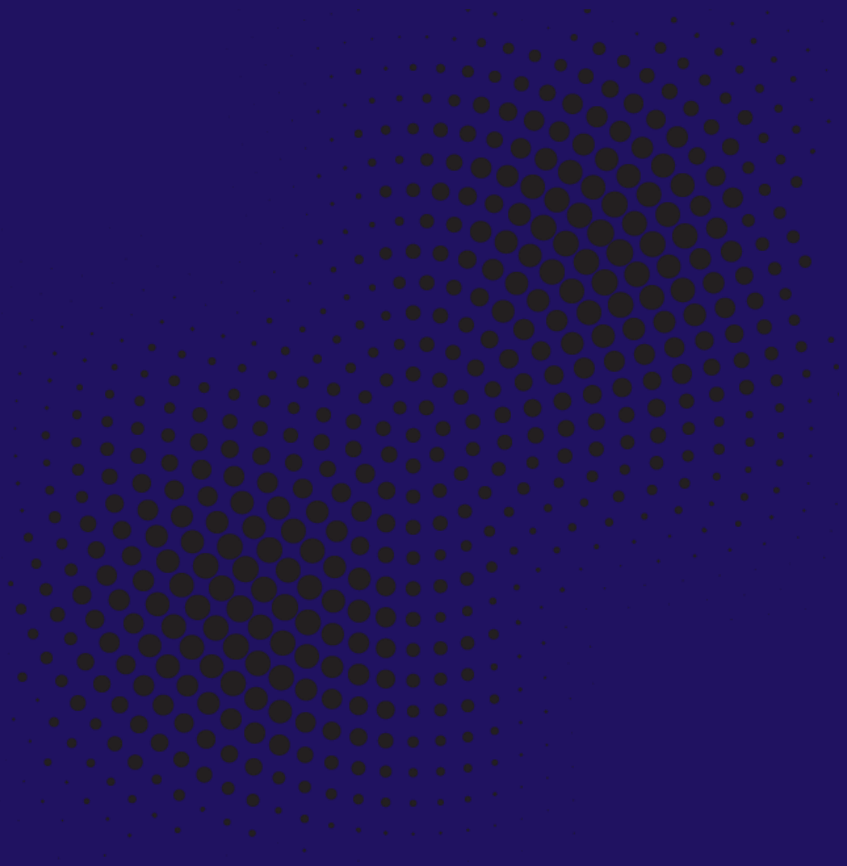
ONMM Resources

- [American Academy of Osteopathy](#)
- [Catalog of AAO ONMM Residency Programs](#)

AACOM

American Association of Colleges of
Osteopathic Medicine

Orthopedic Surgery





Orthopedic Surgery Overview

Orthopedic (also known as orthopaedic) surgery focuses on caring for the musculoskeletal systems of the body, including the spine and upper and lower extremities.

Orthopedic surgeons require comprehensive knowledge of physiology, anatomy and mechanics of the body system. Orthopedic surgeons perform various surgical procedures to treat injuries and disorders of the musculoskeletal system. These surgeries may include joint replacements (e.g., knee, hip), arthroscopic surgeries (minimally invasive procedures to diagnose and treat joint problems), fracture repair, spinal surgeries and soft tissue repairs.



Orthopedic Surgery Cont'd

Orthopedic surgeons enjoy working with their hands, have confidence in their abilities, are calm under pressure, can make well-reasoned decisions quickly and decisively, and have excellent manual dexterity and hand-eye coordination.

Sources

Langland, J. C. (2019). Orthopedic Surgery. In B. S. Freeman (Ed.), *The ultimate guide to choosing a medical specialty* (4 ed., pp. 339-350). New York: McGraw Hill.

Orthopedic Surgery Subspecialties

- Adult Reconstructive Orthopedics
- Foot and Ankle Orthopedics
- Hand Surgery
- Musculoskeletal Oncology
- Orthopedic Sports Medicine
- Orthopedic Surgery of the Spine
- Orthopedic Trauma
- Pediatric Orthopedics



Source

[Accreditation Council for Graduate Medical Education \(ACGME\)](#)

Orthopedic Surgery Data Overview

Number of Accredited Residency Programs (2024) ¹	209
Percentage of Programs Often Interviewing DOs (2022) ²	37%
Typical Length of Residency Training	5 Years
Preliminary Year Required	No
Mean COMLEX Level 2 CE Score (2022) ³	675
Mean USMLE Step 2 Score (2022) ³	250
Program Signals (2023/2024 Application Cycle) ⁴	30
Mean Research Experience (2022) ³	4.0
Mean Publications, Presentations (2022) ³	7.0
Mean Number of Work Experiences (2022) ³	4.0
Mean Number of Volunteer Experiences (2022) ³	7.2
Average Hours Worked Per Week ⁵	57
Median Salary ⁵	\$626,000

Sources

- [Accreditation Council for Graduate Medical Education \(ACGME\)](#)
- [Results of the 2022 NRMP Program Director Survey](#)
- [Charting Outcomes in the Match: Senior Students of U.S. DO Medical Schools](#)
- [ERAS Application and Program Signaling for 2023-24](#)
- [Careers in Medicine](#)

Top Education & Academic Factors Considered For Choosing Interviewees

1. USMLE Step 1 Score (94.4%)
2. Grades in Core Clerkships (86.1%)
3. USMLE Step 2 CK Score (77.8%)
4. MSPE (69.4%)
5. Alpha Omega Alpha Membership (69.4%)
6. Awards/Honors in Clerkships (66.7%)
7. Consistency of Grades (63.9%)
8. Class Ranking/Quartile (63.9%)
9. Gold Humanism Honor Society Membership (50%)
10. Grades in Orthopedic Surgery Rotations (50%)

Source

[Results of the 2021 NRMP Program Director Survey](#)



Top Personal Characteristics & Other Factors For Choosing Interviewees

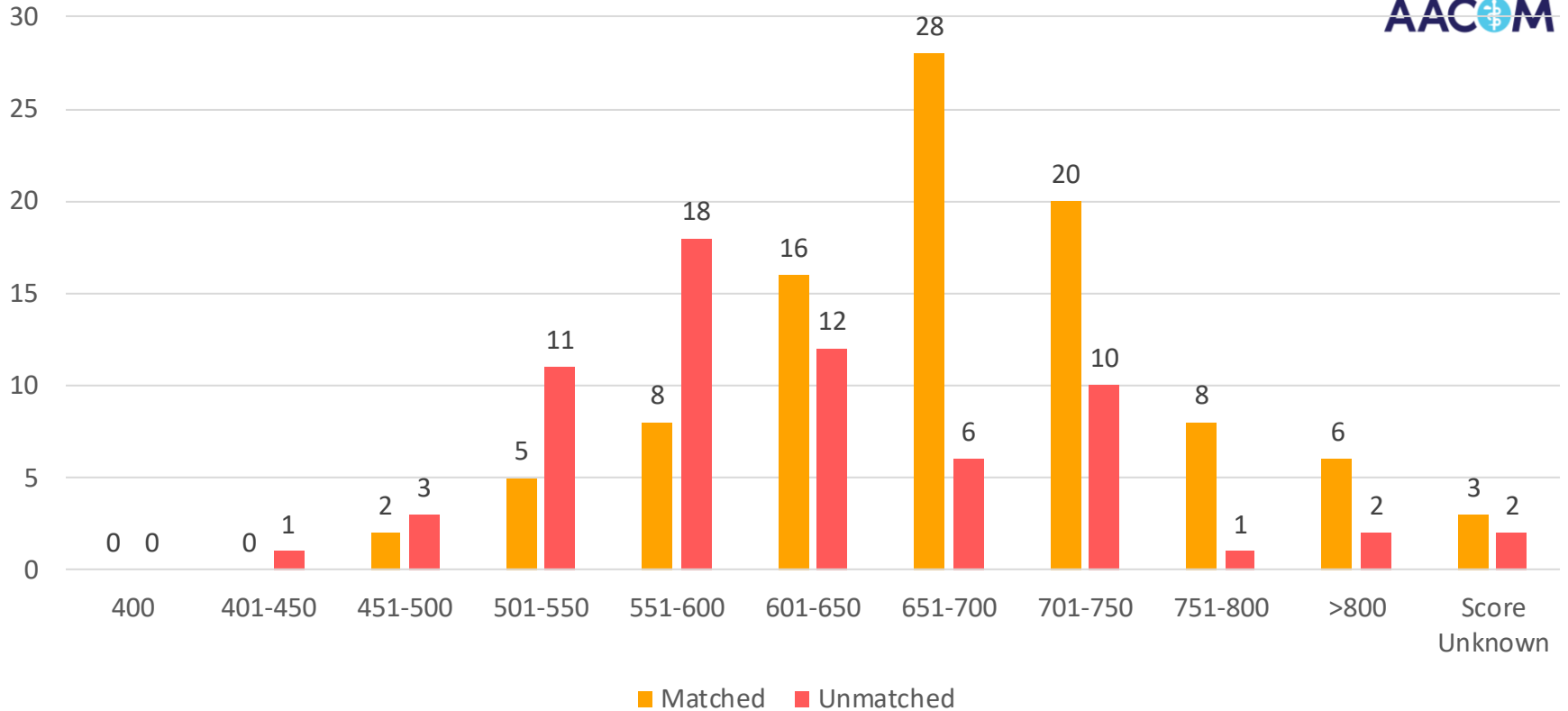
1. USMLE Step 1 Score (94.4%)
2. Grades in Core Clerkships (86.1%)
3. USMLE Step 2 CK Score (77.8%)
4. MSPE (69.4%)
5. Alpha Omega Alpha Membership (69.4%)
6. Awards/Honors in Clerkships (66.7%)
7. Consistency of Grades (63.9%)
8. Class Ranking/Quartile (63.9%)
9. Gold Humanism Honor Society Membership (50%)
10. Grades in Orthopedic Surgery Rotations (50%)

Source

[Results of the 2021 NRMP Program Director Survey](#)



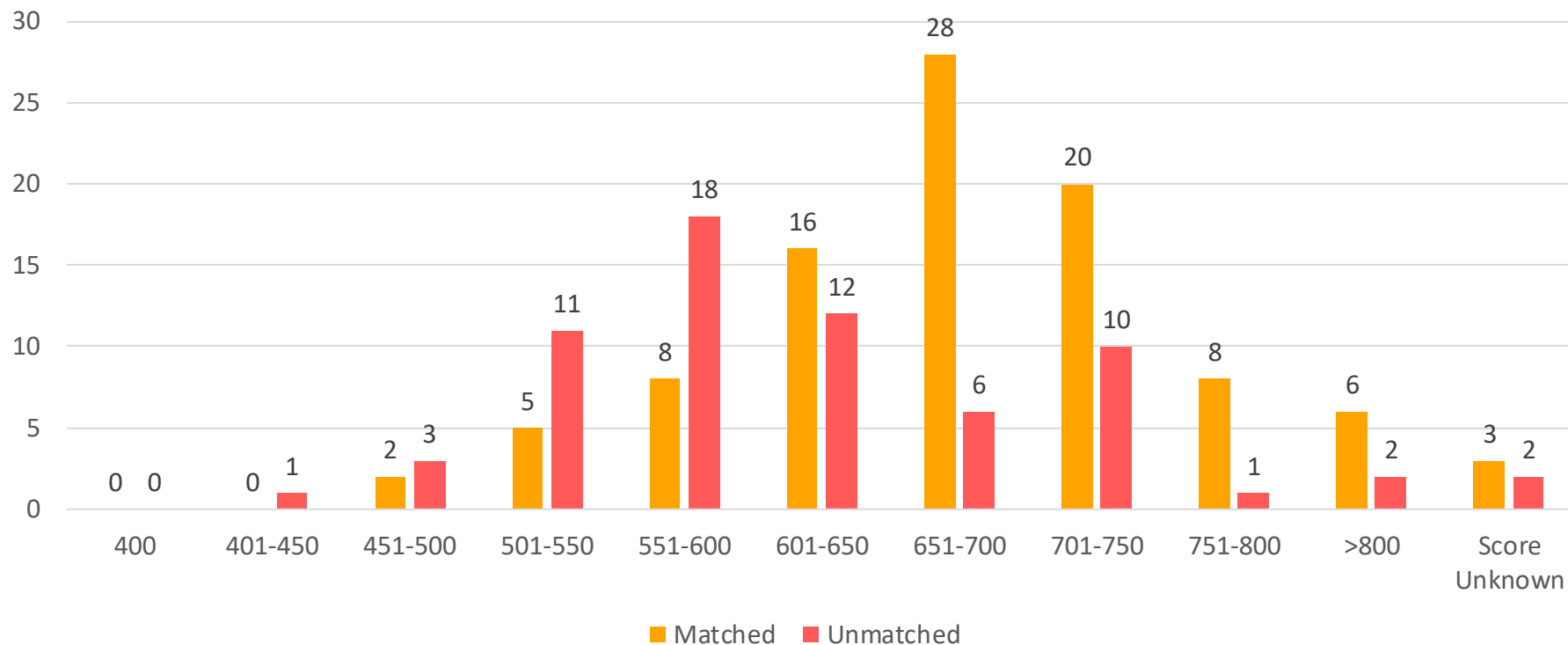
COMLEX Level 2 CE Score Ranges (2022)



Source: [Charting Outcomes in the Match: Senior Students of U.S. DO Medical Schools 2022](#)



USMLE Step 2 CK Score Ranges (2022)



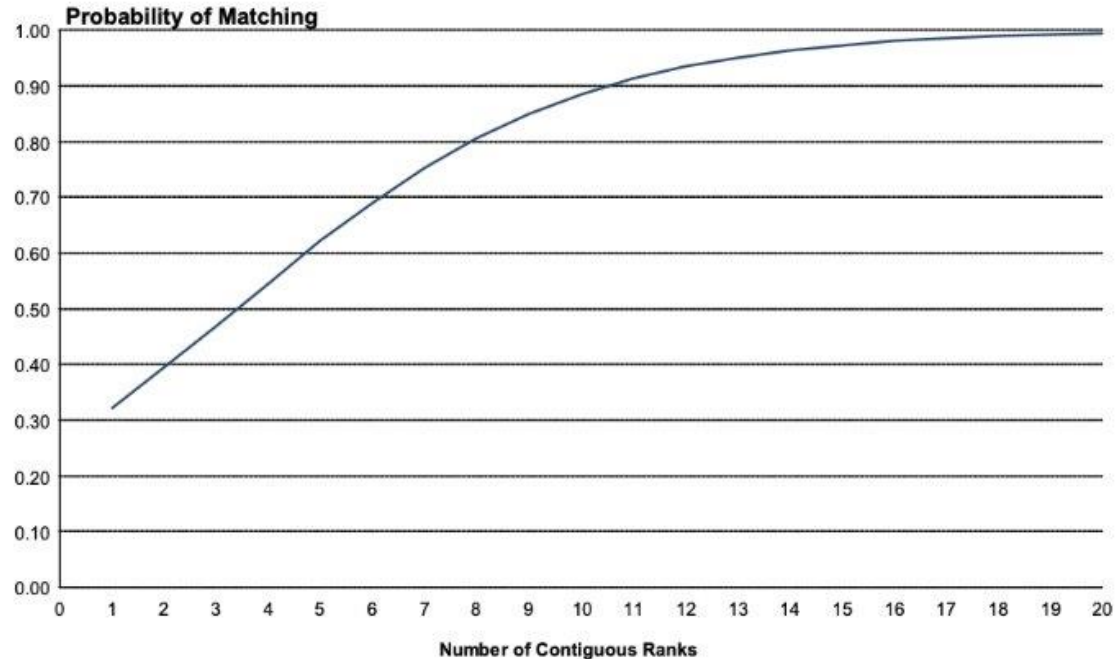
Source: [Charting Outcomes in the Match: Senior Students of U.S. DO Medical Schools 2022](#)



Probability of Matching Based on Number of Programs Ranked

**Graph
ORS-1**

Probability of U.S. DO Seniors Matching to Preferred Specialty by Number of Contiguous Ranks
Orthopaedic Surgery



Orthopedic Surgery Resources

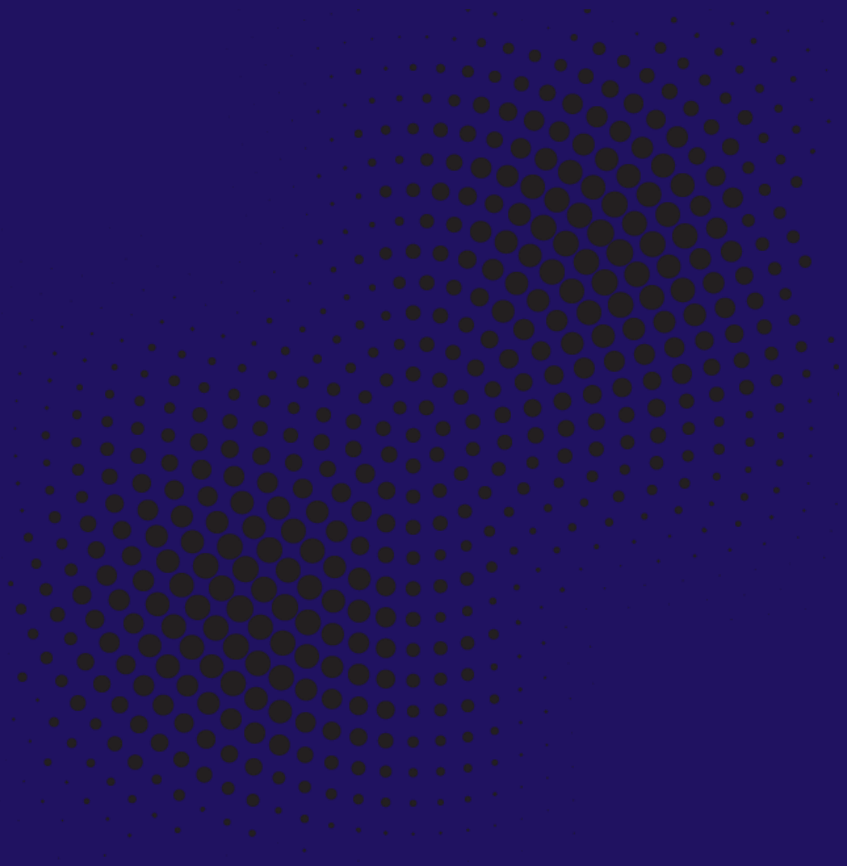
- [Careers in Medicine Website](#)
- [American Osteopathic Academy of Orthopedics](#)
- [American Academy of Orthopaedic Surgeons](#)



AACOM

American Association of Colleges of
Osteopathic Medicine

Otolaryngology





Otolaryngology Overview

Otolaryngologists, commonly referred to as ENT (ear, nose and throat) specialists, are physicians specialized in the diagnosis and treatment of disorders related to the head and neck region. Their work encompasses a diverse range of conditions, including ear infections, sinusitis, tonsillitis, voice disorders, and head and neck cancers. These specialists undergo extensive training, completing medical school followed by a residency in otolaryngology, which typically lasts around five to six years. They possess comprehensive knowledge of the anatomy and physiology of the ear, nose, throat and related structures, allowing them to effectively diagnose and manage various disorders through medical, surgical and minimally invasive interventions.



Otolaryngology Cont'd

In their daily practice, otolaryngologists evaluate patients through detailed medical histories, physical examinations and diagnostic tests such as endoscopy and imaging studies. They provide personalized treatment plans tailored to each patient's needs, which may include medications, surgical procedures or therapeutic interventions like speech therapy. Otolaryngologists are skilled in a wide range of surgical techniques, from routine procedures like tonsillectomy and sinus surgery to complex operations such as cochlear implantation and head and neck cancer resection.

Source

Joshi, A., & Tanna, N. (2019). Otolaryngology. In B. S. Freeman (Ed.), *The ultimate guide to choosing a medical specialty* (4 ed., pp. 351-364). New York: McGrawHill.

Judson, B. L., Paskhover, B., & Michaelides, E. M. (2015). Otolaryngology. In J. W. Kung, P. M. Bishop, P. J. Slanetz, & R. L. Eisenberg (Eds.), *Tips for the residency match: What residency directors are really looking for* (pp. 103-108). Malden: WileyBlackwell.

Otolaryngology Subspecialties



- Neurotology
- Pediatric Otolaryngology

Source
[Accreditation Council for Graduate Medical Education \(ACGME\)](#)

Otolaryngology Data Overview

Number of Accredited Residency Programs (2024) ¹	131
Percentage of Programs Often Interviewing DOs (2022) ²	15%
Typical Length of Residency Training	5-6 Years
Preliminary Year Required	No
Mean COMLEX Level 2 CE Score (2022) ³	681
Mean USMLE Step 2 Score (2022) ³	249
Program Signals (2023/2024 Application Cycle) ⁴	25
Mean Research Experience (2022) ³	6.1
Mean Publications, Presentations (2022) ³	8.5
Mean Number of Work Experiences (2022) ³	4.3
Mean Number of Volunteer Experiences (2022) ³	8.6
Average Hours Worked Per Week ⁵	53
Median Salary ⁵	\$444,264

Sources

- [1. Accreditation Council for Graduate Medical Education \(ACGME\)](#)
- [2. Results of the 2022 NRMP Program Director Survey](#)
- [3. Charting Outcomes in the Match: Senior Students of U.S. DO Medical Schools](#)
- [4. ERAS Application and Program Signaling for 2023-24](#)
- [5. Careers in Medicine](#)

Top Education & Academic Factors Considered For Choosing Interviewees

1. Grades in Core Clerkships (92.9%)
2. USMLE Step 1 Score (89.3%)
3. MSPE (85.7%)
4. Grades in Otolaryngology Rotations (82.1%)
5. Alpha Omega Alpha Membership (71.4%)
6. Awards/Honors in Clerkships (67.9%)
7. Gold Humanism Honor Society Membership (64.3%)
8. USMLE Step 2 CK Score (57.1%)
9. Consistency of Grades (53.6%)
10. Class Ranking/Quartile (53.6%)

Source

[Results of the 2021 NRMP Program Director Survey](#)



Top Personal Characteristics & Other Factors For Choosing Interviewees

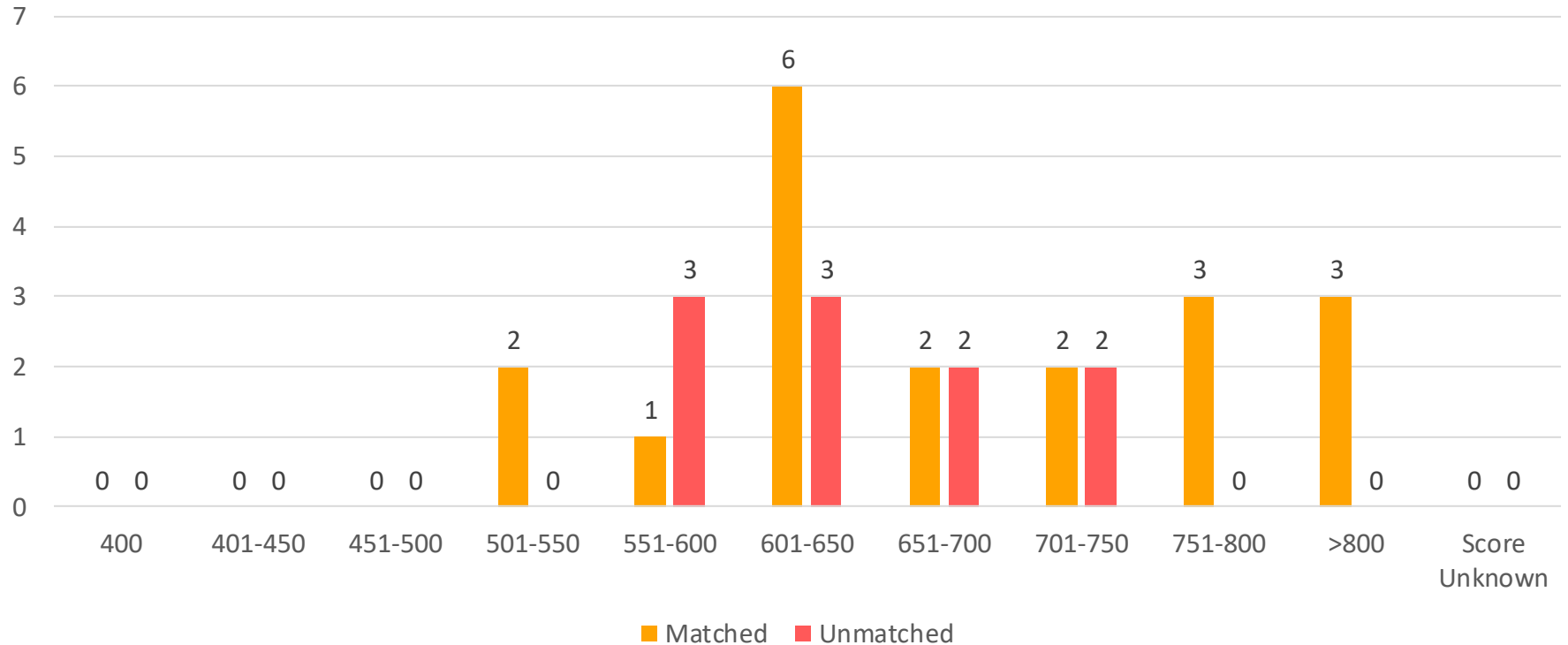
1. Letters of Recommendation in the Specialty (96.4%)
2. Personal Statement (89.3%)
3. Diversity Characteristics (85.7%)
4. Having Overcome Significant Obstacles (82.1%)
5. Perceived Interest in the Program (82.1%)
6. Leadership Qualities (78.6%)
7. Involvement & Interest in Research (78.6%)
8. Professionalism & Ethics (75%)
9. Personal Prior Knowledge of the Applicant (75%)
10. Perceived Commitment to the Specialty (75%)

Source

[Results of the 2021 NRMP Program Director Survey](#)

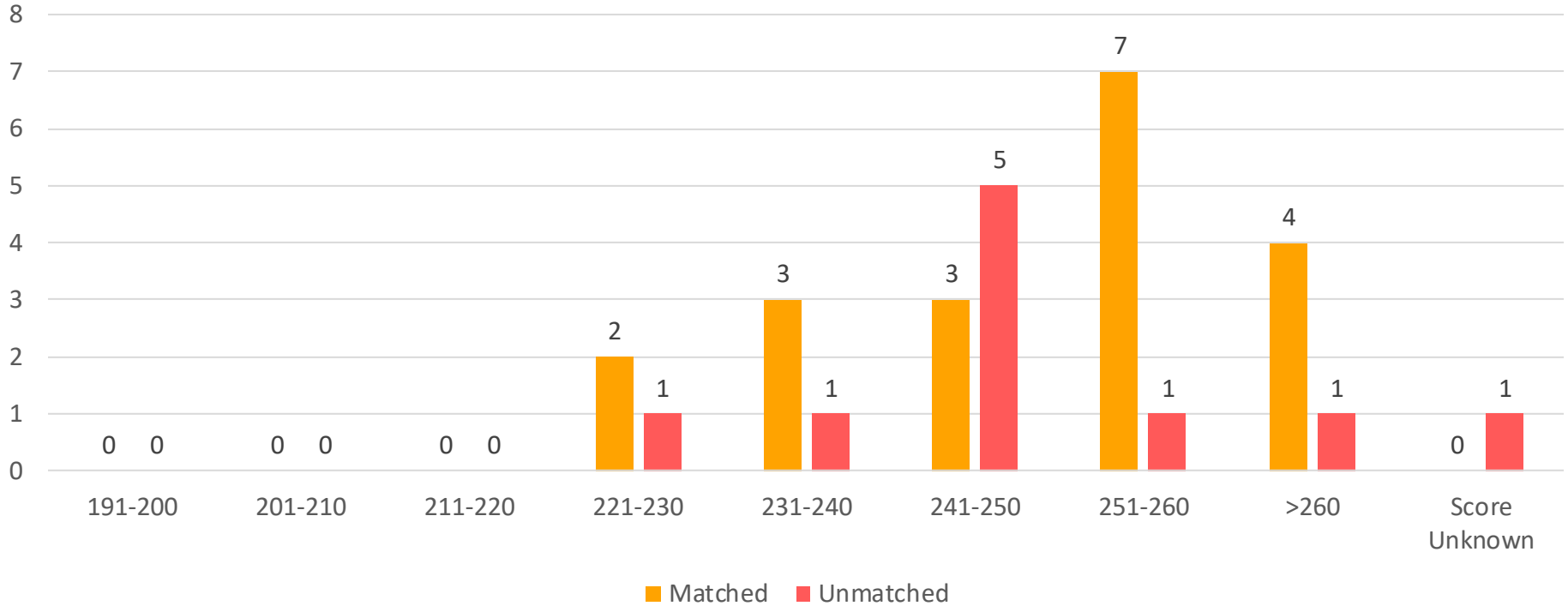


COMLEX Level 2 CE Score Ranges (2022)



Source: [Charting Outcomes in the Match: Senior Students of U.S. DO Medical Schools 2022](#)

USMLE Step 2 CK Score Ranges (2022)



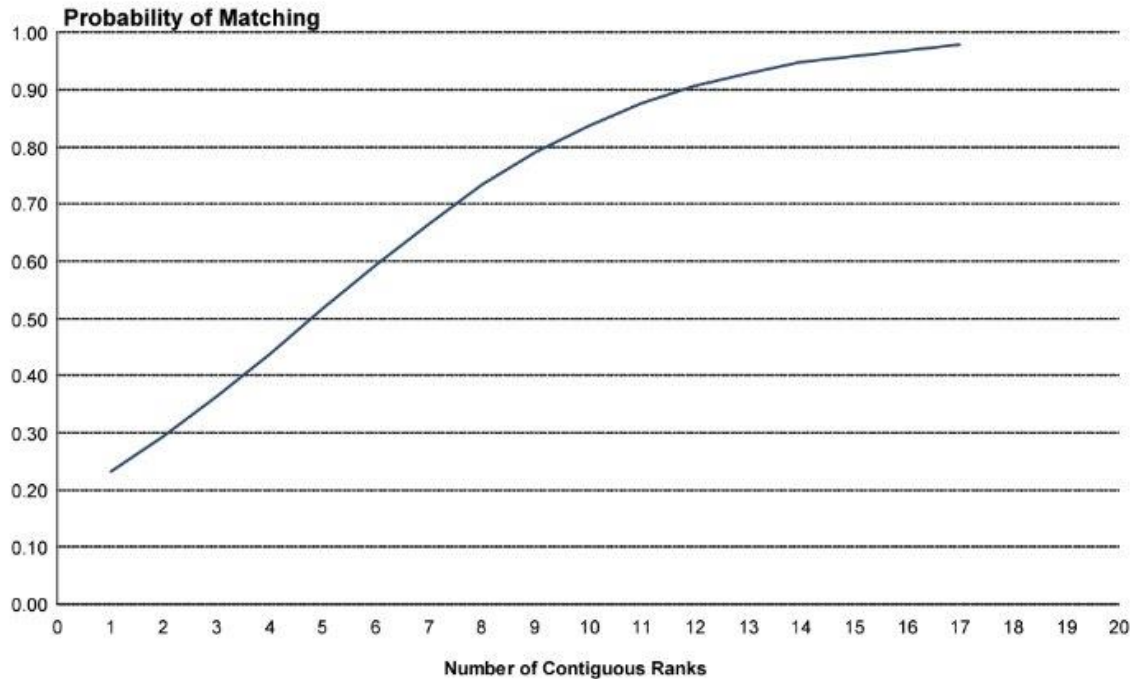
Source: [Charting Outcomes in the Match: Senior Students of U.S. DO Medical Schools 2022](#)



Probability of Matching Based on Number of Programs Ranked

Graph
OTO-1

Probability of U.S. DO Seniors Matching to Preferred Specialty by Number of Contiguous Ranks
Otolaryngology



Otolaryngology Resources

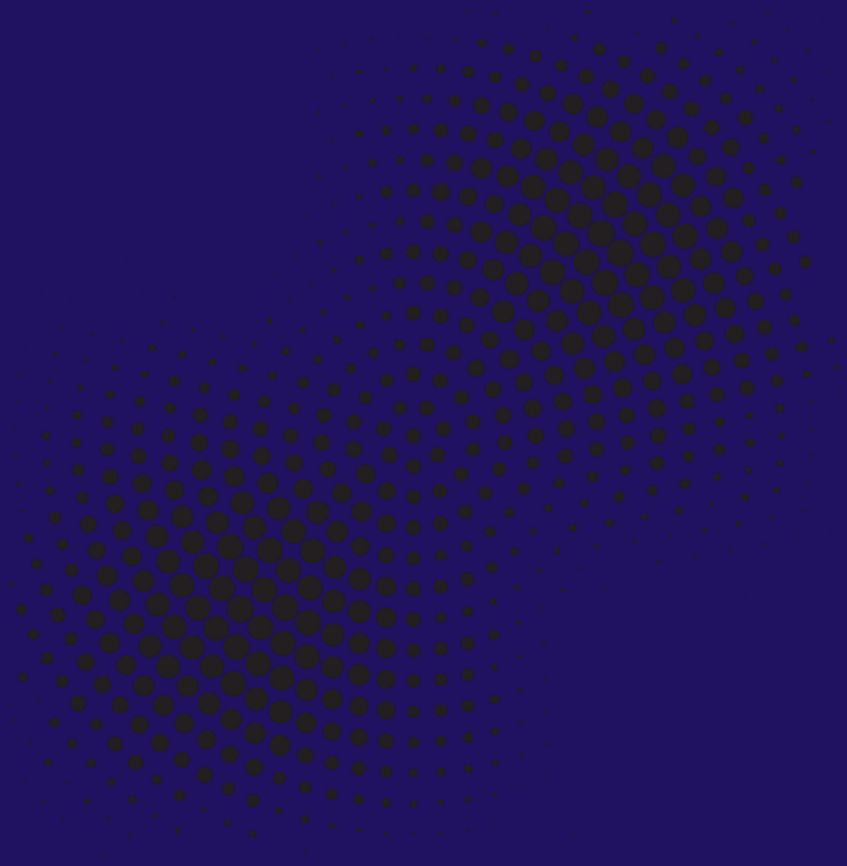
- [Careers in Medicine Website](#)
- [American Osteopathic Colleges of Ophthalmology and Otolaryngology-Head and Neck Surgery](#)
- [American Academy of Otolaryngology-Head and Neck Surgery](#)
- [How do I match in Otolaryngology?](#)



AACOM

American Association of Colleges of
Osteopathic Medicine

Pathology





Pathology Overview

A pathologist deals with the causes and nature of disease and contributes to diagnosis, prognosis and treatment through knowledge gained by the laboratory application of the biological, chemical and physical sciences.

Pathologists use information gathered from the microscopic examination of tissue specimens, cells and body fluids and from clinical laboratory tests on body fluids and secretions for the diagnosis, exclusion and monitoring of disease. They focus on the analysis of bodily fluids, such as blood, urine and cerebrospinal fluid, as well as on laboratory tests, such as blood chemistry, microbiology and molecular diagnostics.



Pathology Cont'd

Pathologists interpret the results of these tests to diagnose and monitor various diseases, including infections, metabolic disorders, autoimmune conditions and cancer. They can also specialize in performing autopsies, which involve the postmortem examination of deceased individuals to determine the cause of death and identify any underlying diseases or injuries.

Sources

[American Board of Medical Specialties](#). (Last accessed 2023)

Pathology Subspecialties

- Blood Banking/Transfusion Medicine
- Chemical Pathology
- Clinical Informatics
- Cytopathology
- Forensic Pathology
- Hematopathology
- Medical Microbiology
- Neuropathology
- Pediatric Pathology
- Selective Pathology



Source

[Accreditation Council for Graduate Medical Education \(ACGME\)](#)

Pathology Data Overview

Number of Accredited Residency Programs (2024) ¹	209
Percentage of Programs Often Interviewing DOs (2022) ²	77%
Typical Length of Residency Training	4 Years
Preliminary Year Required	No
Mean COMLEX Level 2 CE Score (2022) ³	550
Mean USMLE Step 2 Score (2022) ³	238
Program Signals (2023/2024 Application Cycle) ⁴	5
Mean Research Experience (2022) ³	1.8
Mean Publications, Presentations (2022) ³	3.7
Mean Number of Work Experiences (2022) ³	3.5
Mean Number of Volunteer Experiences (2022) ³	8.3
Average Hours Worked Per Week ⁵	47.1
Median Salary ⁵	\$308,000

Sources

- [1. Accreditation Council for Graduate Medical Education \(ACGME\)](#)
- [2. Results of the 2022 NRMP Program Director Survey](#)
- [3. Charting Outcomes in the Match: Senior Students of U.S. DO Medical Schools](#)
- [4. ERAS Application and Program Signaling for 2023-24](#)
- [5. Careers in Medicine](#)

Top Education & Academic Factors Considered For Choosing Interviewees

1. USMLE Step 1 Score (97%)
2. USMLE Step 2 CK Score (93.9%)
3. MSPE (87.9%)
4. Any Failed USMLE Attempt (87.9%)
5. COMLEX Level 1 Score (84.8%)
6. COMLEX Level 2 CE Score (81.8%)
7. Any Failed COMLEX Attempt (81.8%)
8. Class Ranking/Quartile (75.8%)
9. Grades in Core Clerkships (63.6%)
10. Passing USMLE Step 2 CS (60.6%)

Source

[Results of the 2021 NRMP Program Director Survey](#)



Top Personal Characteristics & Other Factors For Choosing Interviewees

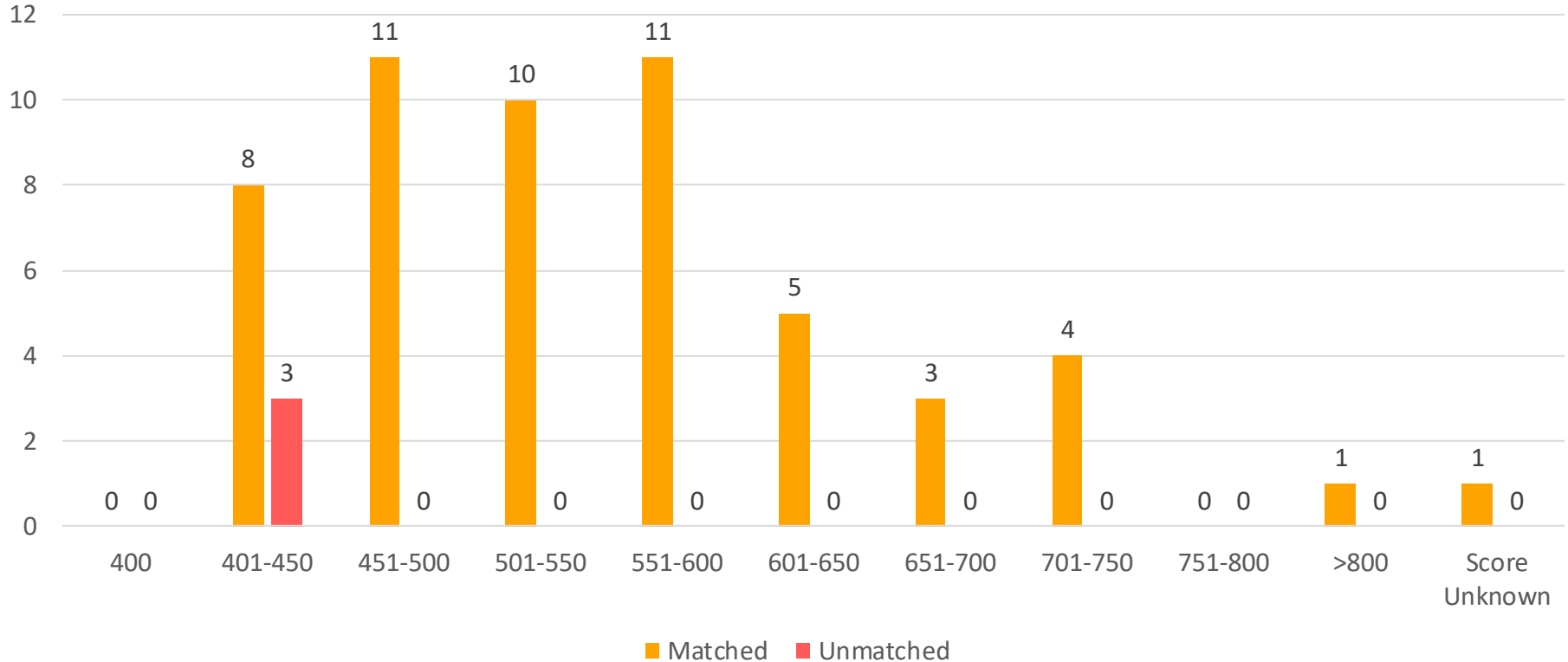
1. Letters of Recommendation in the Specialty (93.9%)
2. Personal Statement (93.9%)
3. Perceived Commitment to Pathology (93.9%)
4. Diversity Characteristics (78.8%)
5. Having Overcome Significant Obstacles (69.7%)
6. Professionalism & Ethics (69.7%)
7. Perceived Interest in the Program (54.5%)
8. Leadership Qualities (51.5%)
9. Personal Prior Knowledge of the Applicant (51.5%)
10. Involvement & Interest in Research (48.5%)

Source

[Results of the 2021 NRMP Program Director Survey](#)

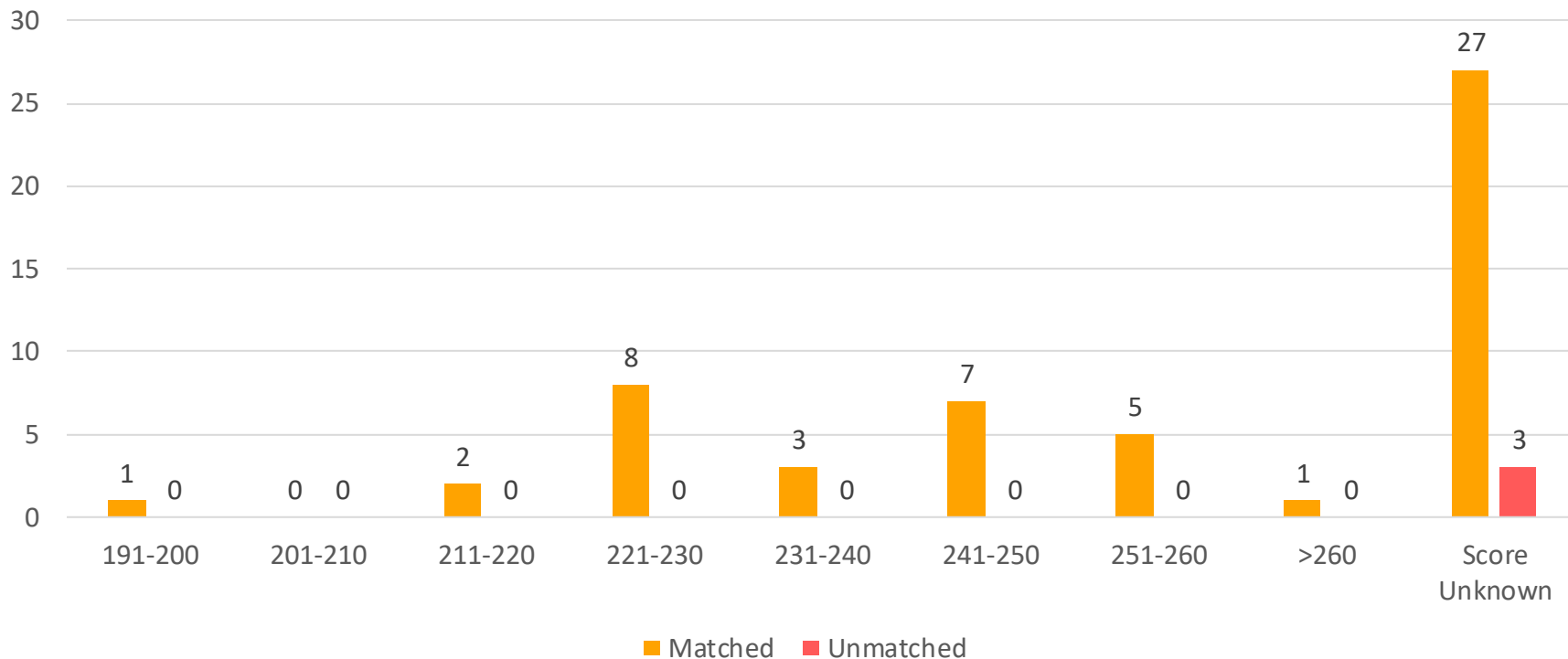


COMLEX Level 2 CE Score Ranges (2022)



Source: [Charting Outcomes in the Match: Senior Students of U.S. DO Medical Schools 2022](#)

USMLE Step 2 CK Score Ranges (2022)



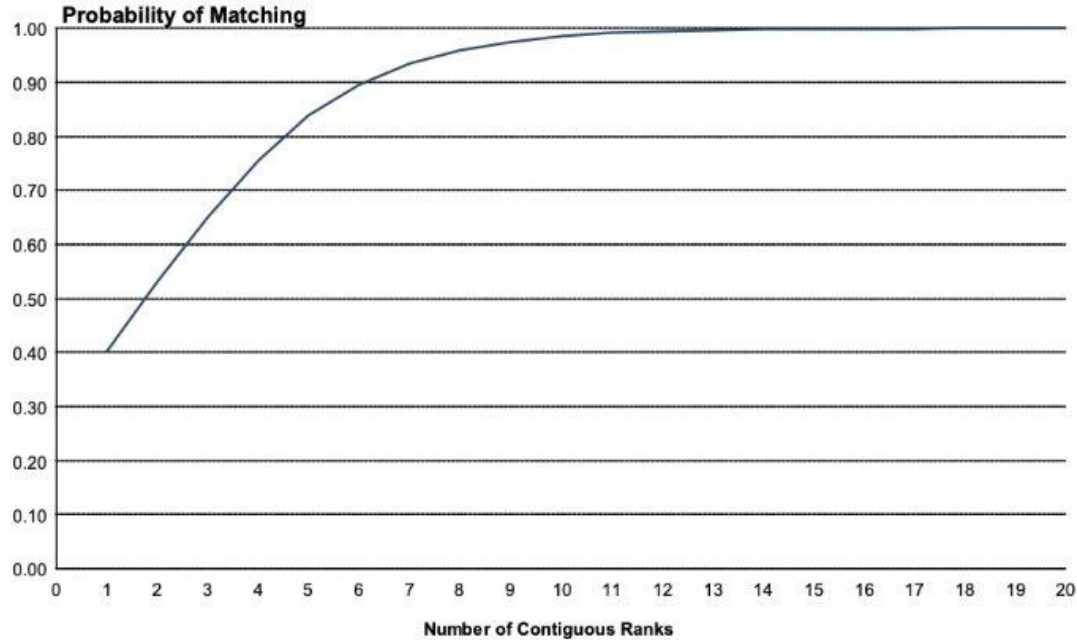
Source: [Charting Outcomes in the Match: Senior Students of U.S. DO Medical Schools 2022](#)



Probability of Matching Based on Number of Programs Ranked

**Graph
PTH-1**

Probability of U.S. DO Seniors Matching to Preferred Specialty by Number of Contiguous Ranks
Pathology



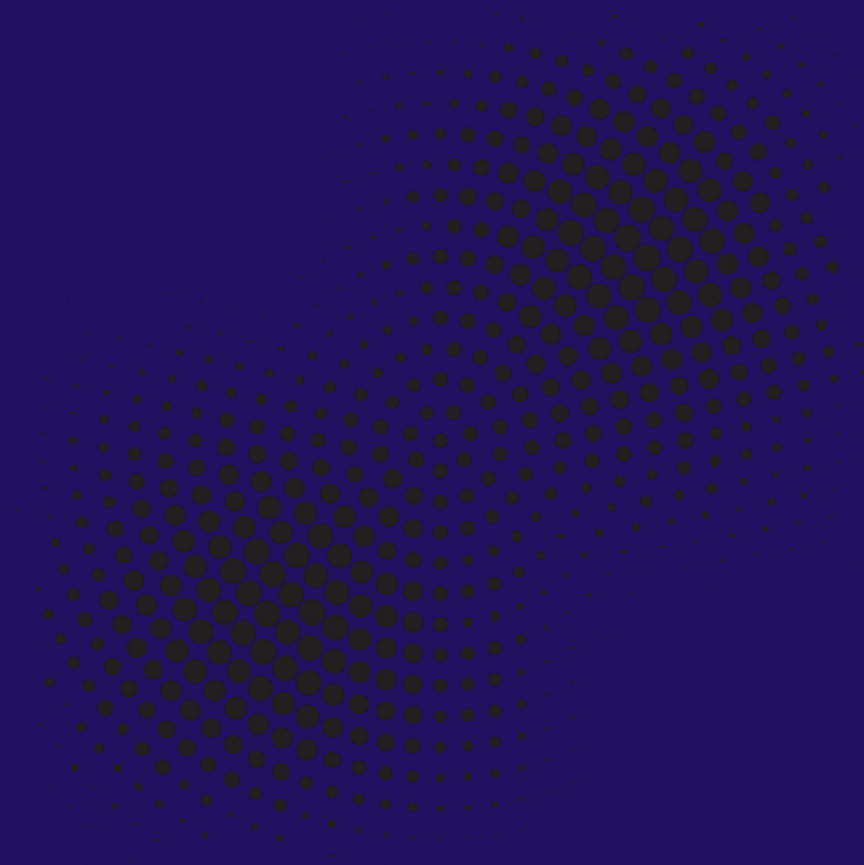
Pathology Resources

- [Careers in Medicine Website](#)
- [American Osteopathic College of Pathologists](#)
- [College of American Pathologists](#)
- [Medical Student Resources](#)

AACOM

American Association of Colleges of
Osteopathic Medicine

Pediatrics





Pediatrics Overview

A career in pediatrics starts with one question: *Do you like working with children?* Working with children is both the joy and challenge of pediatrics as a medical specialty. For those who enjoy working with children, the attraction of the specialty is immediately obvious.

However, challenges such as working with a population that cannot always adequately describe their symptoms require the development of a new set of skills for those who choose this specialty. Primary care pediatricians have a unique opportunity to help their patients overcome not only medical issues but also issues affecting their mental and emotional health as they develop and grow.



Pediatrics Cont'd

Pediatricians must also have good general people skills, as they will be regularly dealing with the parents of their patients, who are often considered the "second patient" in pediatric visits.

Sources

Miller, A. J. (2019). Pediatrics. In B. S. Freeman (Ed.), *The ultimate guide to choosing a medical specialty* (4 ed., pp. 383-399). New York: McGraw Hill.

Pediatrics Subspecialties

- Adolescent Medicine
- Child Abuse Pediatrics
- Clinical Informatics
- Developmental-Behavioral Pediatrics
- Neonatal-Perinatal Medicine
- Pediatric Cardiology
- Pediatric Critical Care Medicine
- Pediatric Emergency Medicine
- Pediatric Endocrinology
- Pediatric Gastroenterology
- Pediatric Hematology/Oncology
- Pediatric Infectious Diseases
- Pediatric Nephrology
- Pediatric Pulmonology
- Pediatric Rheumatology
- Sports Medicine
- Pediatric Transplant Hepatology
- Pediatric Hospital Medicine



Source

[Accreditation Council for Graduate Medical Education \(ACGME\)](#)

Pediatrics Data Overview

Number of Accredited Residency Programs (2024) ¹	218
Percentage of Programs Often Interviewing DOs (2022) ²	78%
Typical Length of Residency Training	3 Years
Preliminary Year Required	No
Mean COMLEX Level 2 CE Score (2022) ³	557
Mean USMLE Step 2 Score (2022) ³	238
Program Signals (2023/2024 Application Cycle) ⁴	5
Mean Research Experience (2022) ³	1.9
Mean Publications, Presentations (2022) ³	3.2
Mean Number of Work Experiences (2022) ³	3.5
Mean Number of Volunteer Experiences (2022) ³	9.3
Average Hours Worked Per Week ⁵	47
Median Salary ⁵	\$221,000

Sources

- [1. Accreditation Council for Graduate Medical Education \(ACGME\)](#)
- [2. Results of the 2022 NRMP Program Director Survey](#)
- [3. Charting Outcomes in the Match: Senior Students of U.S. DO Medical Schools](#)
- [4. ERAS Application and Program Signaling for 2023-24](#)
- [5. Careers in Medicine](#)

Top Education & Academic Factors Considered For Choosing Interviewees

1. MSPE (91.3%)
2. USMLE Step 1 Score (84.8%)
3. Any Failed USMLE Attempt (78.3%)
4. Grades in Core Clerkships (73.9%)
5. COMLEX Level 1 Score (69.6%)
6. Any Failed COMLEX Attempt (69.6%)
7. USMLE Step 2 CK Score (65.2%)
8. Class Ranking/Quartile (65.2%)
9. Grades in Pediatric Rotations(65.2%)
10. COMLEX Level 2 CE Score (64.3%)

Source

[Results of the 2021 NRMP Program Director Survey](#)



Top Personal Characteristics & Other Factors For Choosing Interviewees

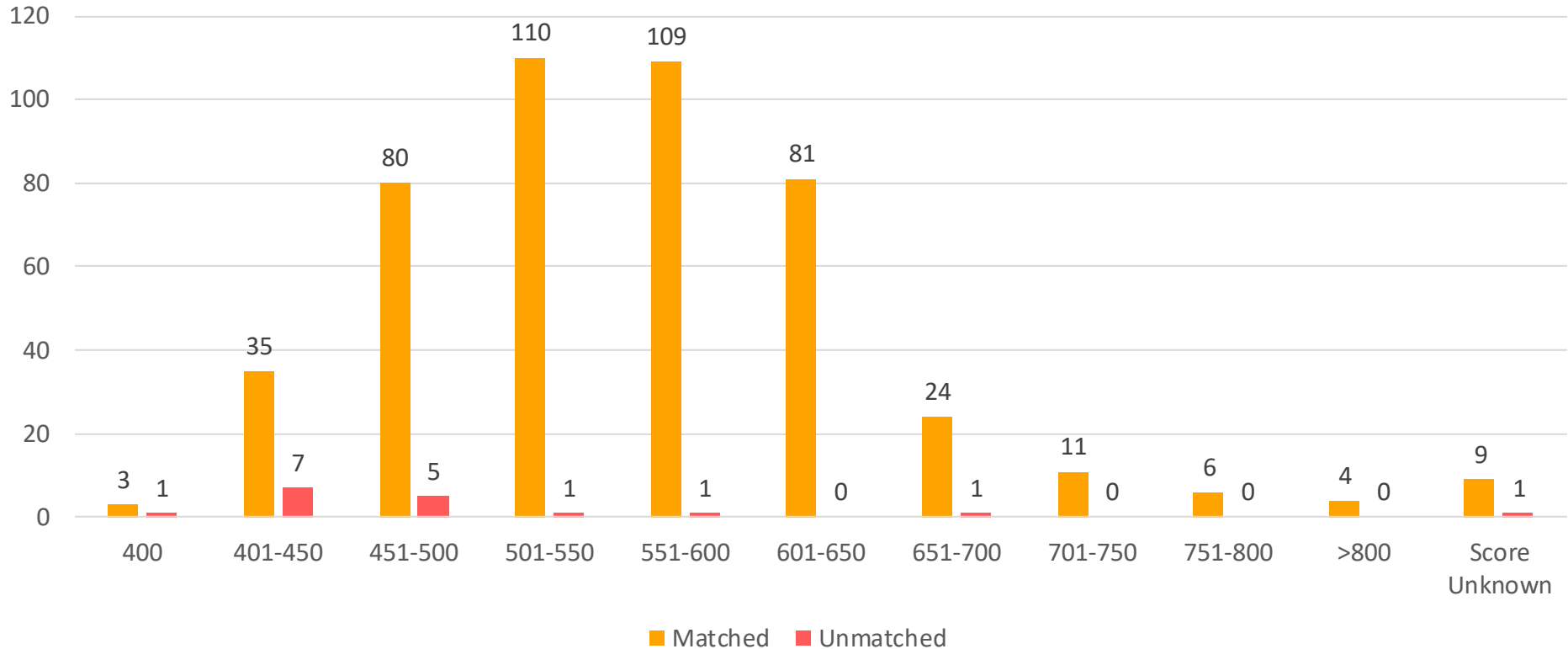
1. Personal Statement (80.4%)
2. Diversity Characteristics (80.4%)
3. Letters of Recommendation in the Specialty (78.3%)
4. Having Overcome Significant Obstacles (78.3%)
5. Perceived Commitment to Pediatrics (73.9%)
6. Volunteer/Extracurricular Experience(69.6%)
7. Professionalism & Ethics (65.2%)
8. Leadership Qualities (60.9%)
9. Other Life Experience (56.5%)
10. Perceived Interest in the Program (52.2%)

Source

[Results of the 2021 NRMP Program Director Survey](#)



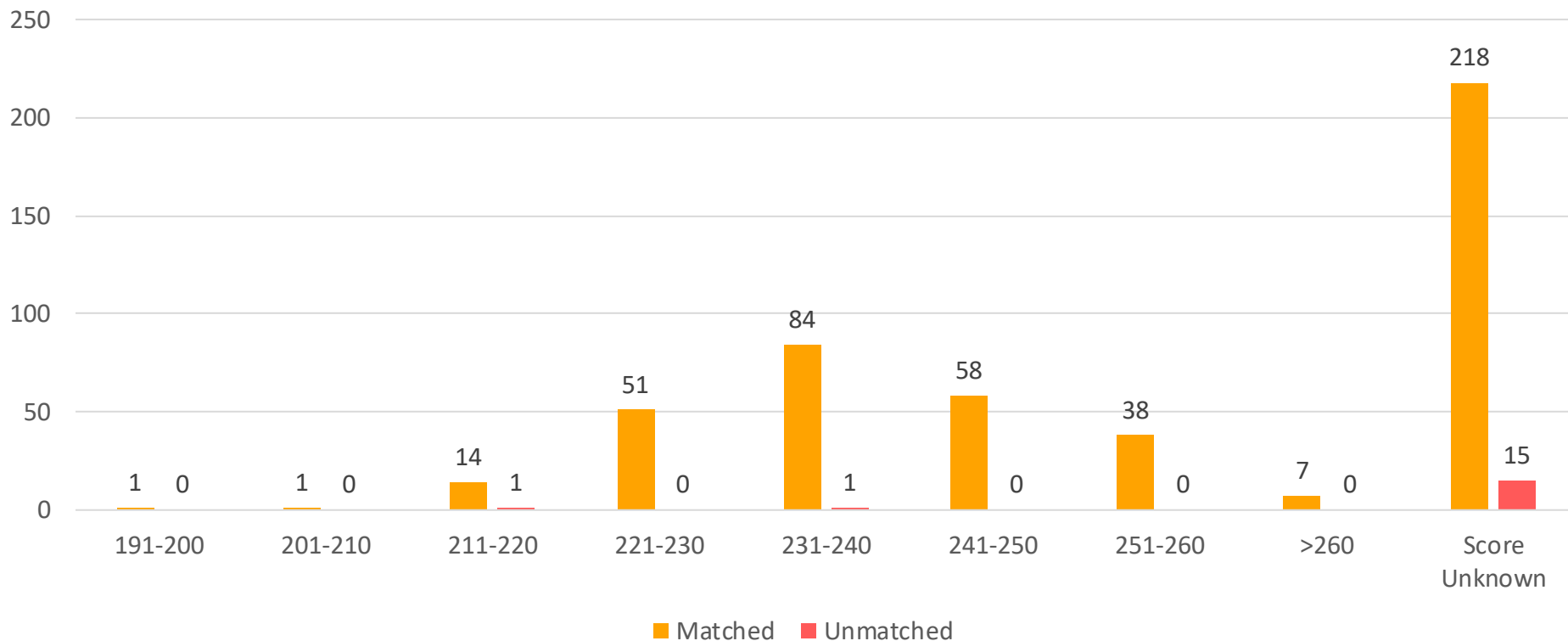
COMLEX Level 2 CE Score Ranges (2022)



Source: [Charting Outcomes in the Match: Senior Students of U.S. DO Medical Schools 2022](#)



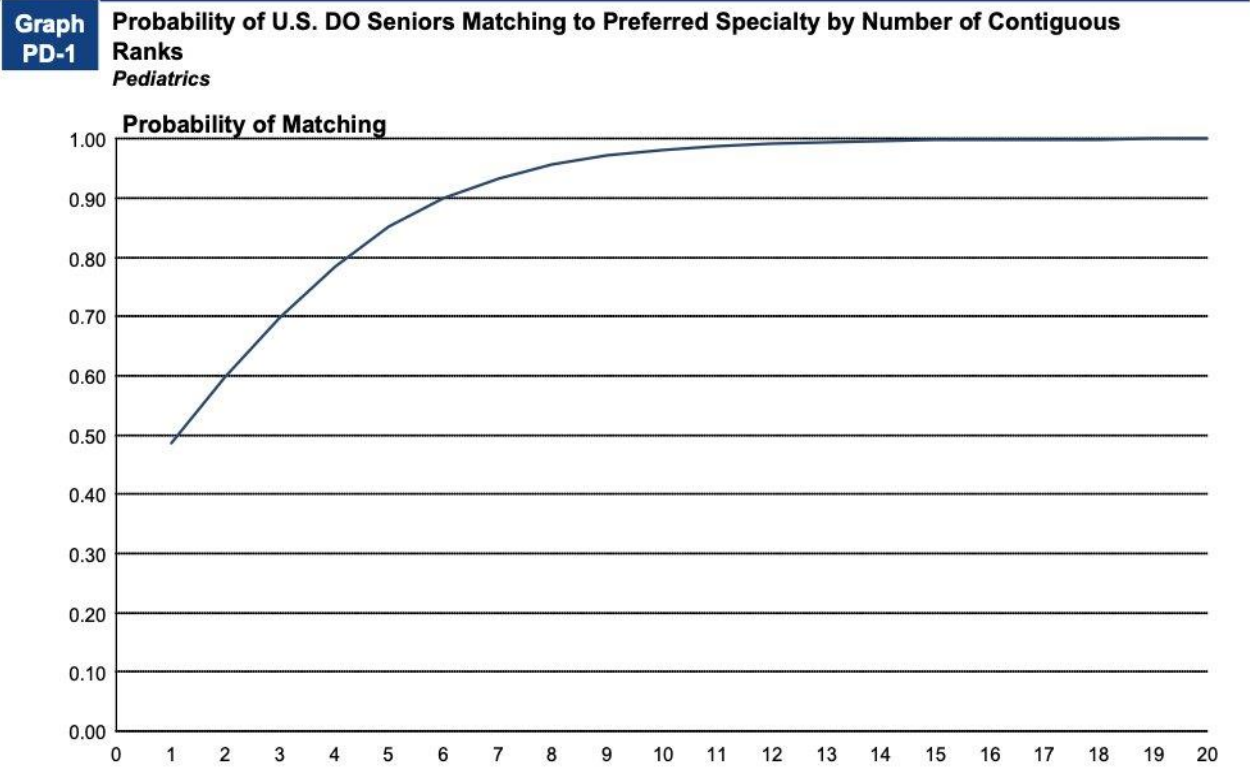
USMLE Step 2 CK Score Ranges (2022)



Source: [Charting Outcomes in the Match: Senior Students of U.S. DO Medical Schools 2022](#)



Probability of Matching Based on Number of Programs Ranked



Pediatrics Resources

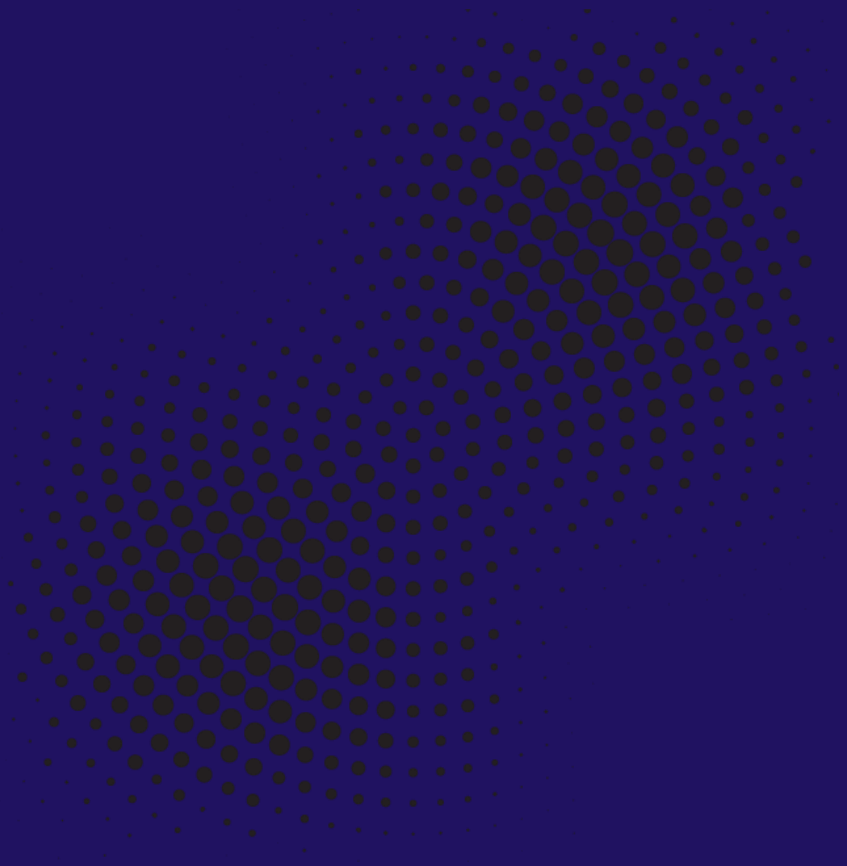
- [Careers in Medicine Website](#)
- [American College of Osteopathic Pediatricians](#)
- [American Academy of Pediatrics](#)
- [Medical Student Resources](#)





American Association of Colleges of
Osteopathic Medicine

Physical Medicine & Rehabilitation





Physical Medicine & Rehabilitation Overview

Physical medicine and rehabilitation (PM&R) focuses on preventing, diagnosing and treating a wide array of musculoskeletal, cardiopulmonary and neurologic disorders by means of rehabilitative measures.

Physiatrists focus on improving patients' quality of life and maximizing their functional independence through non-surgical interventions, rehabilitation therapies and interdisciplinary care.

Patients include those who have been affected by spinal cord injury, stroke, sports injury, traumatic brain injury, multiple sclerosis, muscular dystrophy, cerebral palsy and spina bifida. Physiatrists oversee and coordinate rehabilitation therapies aimed at improving patients' mobility, strength, coordination, balance, endurance and overall functional abilities.



Physical Medicine & Rehabilitation Cont'd

Physiatrists (PM&R physicians) often work closely with other medical professionals as part of a team-oriented approach to patient care. Physiatrists enjoy caring for patients with chronic conditions, work well in interdisciplinary settings and enjoy being involved in their patients' lives. As they will be regularly dealing with the parents of their patients, who are often considered the "second patient" in pediatric visits.

Sources

Anderson, V. (2019). Physical medicine and rehabilitation. In B. S. Freeman (Ed.), *The ultimate guide to choosing a medical specialty* (4 ed., pp. 401-417). New York: McGraw Hill.

Bloch, R. (2015). Physical medicine and rehabilitation. In J. W. Kung, P. M. Bishop, P. J. Slanetz, & R. L. Eisenberg (Eds.), *Tips for the residency match: What program directors are really looking for* (pp. 119-122). Malden: Wiley Blackwell.

Physical Medicine & Rehabilitation Subspecialties



- Brain Injury Medicine
- Neuromuscular Medicine
- Spinal Cord Injury Medicine
- Pediatric Rehabilitation Medicine
- Sports Medicine

Source
[Accreditation Council for Graduate Medical
Education \(ACGME\)](#)

Physical Medicine & Rehabilitation Data Overview



Number of Accredited Residency Programs (2024) ¹	108
Percentage of Programs Often Interviewing DOs (2022) ²	100%
Typical Length of Residency Training	4 Years
Preliminary Year Required	Yes*
Mean COMLEX Level 2 CE Score (2022) ³	570
Mean USMLE Step 2 Score (2022) ³	238
Program Signals (2023/2024 Application Cycle) ⁴	5
Mean Research Experience (2022) ³	3.0
Mean Publications, Presentations (2022) ³	4.7
Mean Number of Work Experiences (2022) ³	4.1
Mean Number of Volunteer Experiences (2022) ³	8.0
Average Hours Worked Per Week ⁵	45.4
Median Salary ⁵	\$262,000

Sources

- [1. Accreditation Council for Graduate Medical Education \(ACGME\)](#)
- [2. Results of the 2022 NRMP Program Director Survey](#)
- [3. Charting Outcomes in the Match: Senior Students of U.S. DO Medical Schools](#)
- [4. ERAS Application and Program Signaling for 2023-24](#)
- [5. Careers in Medicine](#)

Note

*Some PM&R programs require a preliminary year (advanced programs), while others do not (categorical programs).



Top Education & Academic Factors Considered For Choosing Interviewees

1. MSPE (96.6%)
2. Any Failed COMLEX Attempt (93.1%)
3. Any Failed USMLE Attempt (93.1%)
4. USMLE Step 1 Score (89.7%)
5. COMLEX Level 1 Score (86.2%)
6. Grades in Core Clerkships (79.3%)
7. COMLEX Level 2 CE Score (75.9%)
8. Gold Humanism Honor Society Membership (75.9%)
9. Class Ranking/Quartile (75.9%)
10. USMLE Step 2 CK Score (72.4%)

Source

[Results of the 2021 NRMP Program Director Survey](#)



Top Personal Characteristics & Other Factors For Choosing Interviewees

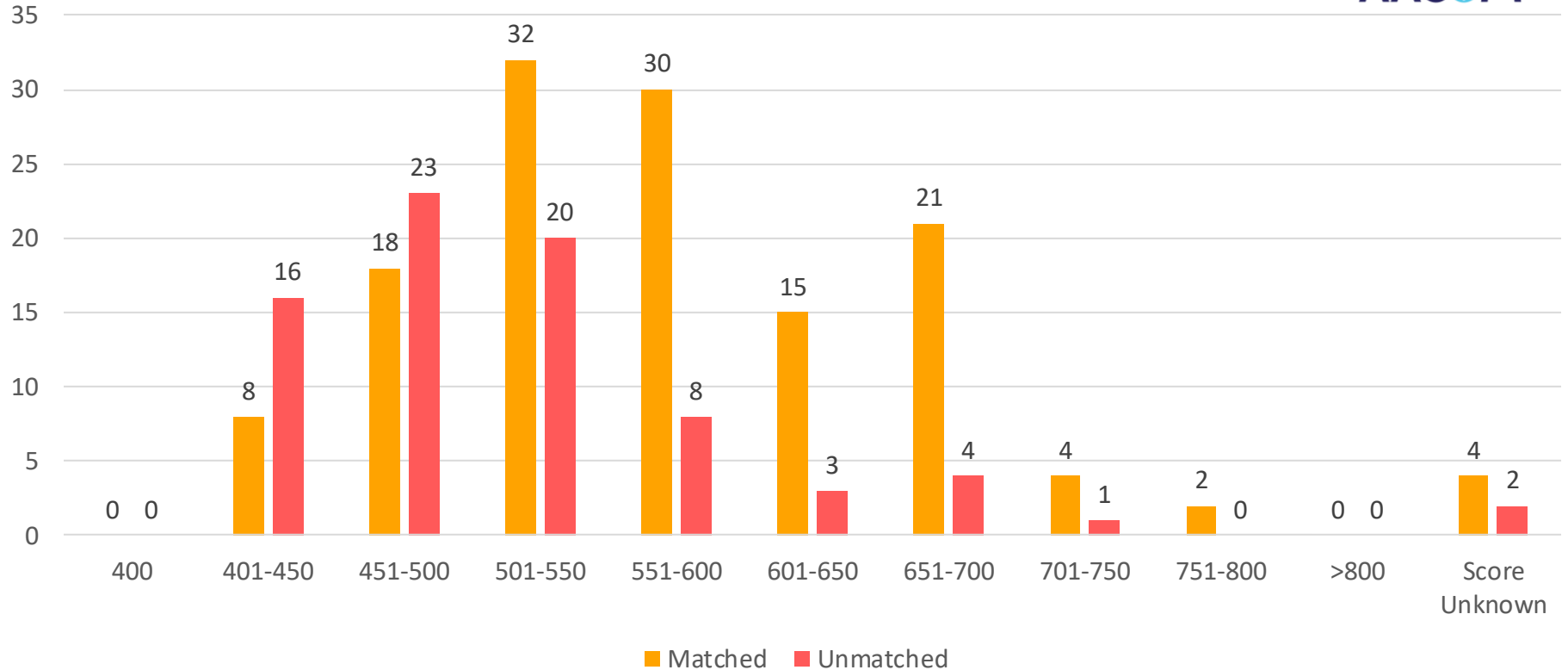
1. Letters of Recommendation in the Specialty (100%)
2. Perceived Commitment to PM&R (96.6%)
3. Diversity Characteristics (89.7%)
4. Professionalism & Ethics (86.2%)
5. Personal Statement (79.3%)
6. Having Overcome Significant Obstacles (79.3%)
7. Perceived Interest in the Program (75.9%)
8. Volunteer/Extracurricular Experience(75.9%)
9. Leadership Qualities (72.4%)
10. Personal Prior Knowledge of the Applicant (69%)

Source

[Results of the 2021 NRMP Program Director Survey](#)

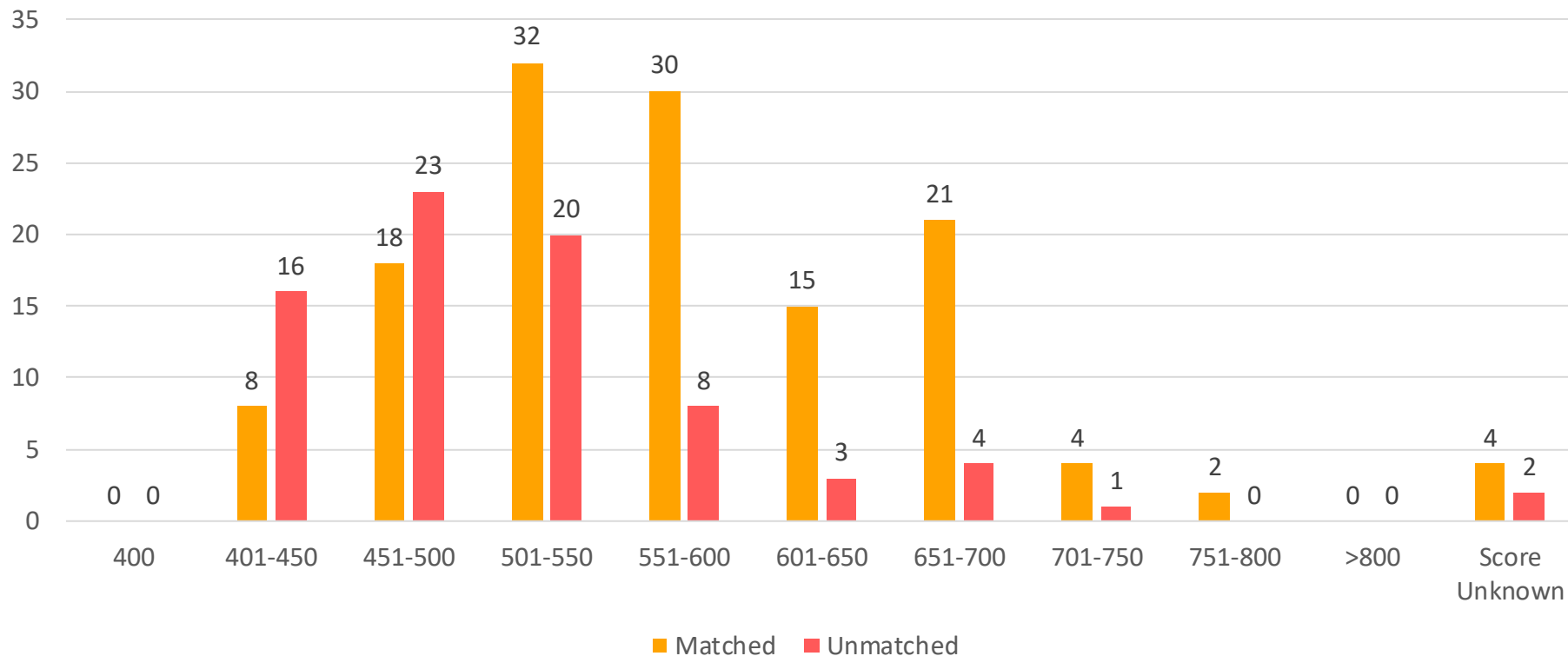


COMLEX Level 2 CE Score Ranges (2022)



Source: [Charting Outcomes in the Match: Senior Students of U.S. DO Medical Schools 2022](#)

USMLE Step 2 CK Score Ranges (2022)



Source: [Charting Outcomes in the Match: Senior Students of U.S. DO Medical Schools 2022](#)

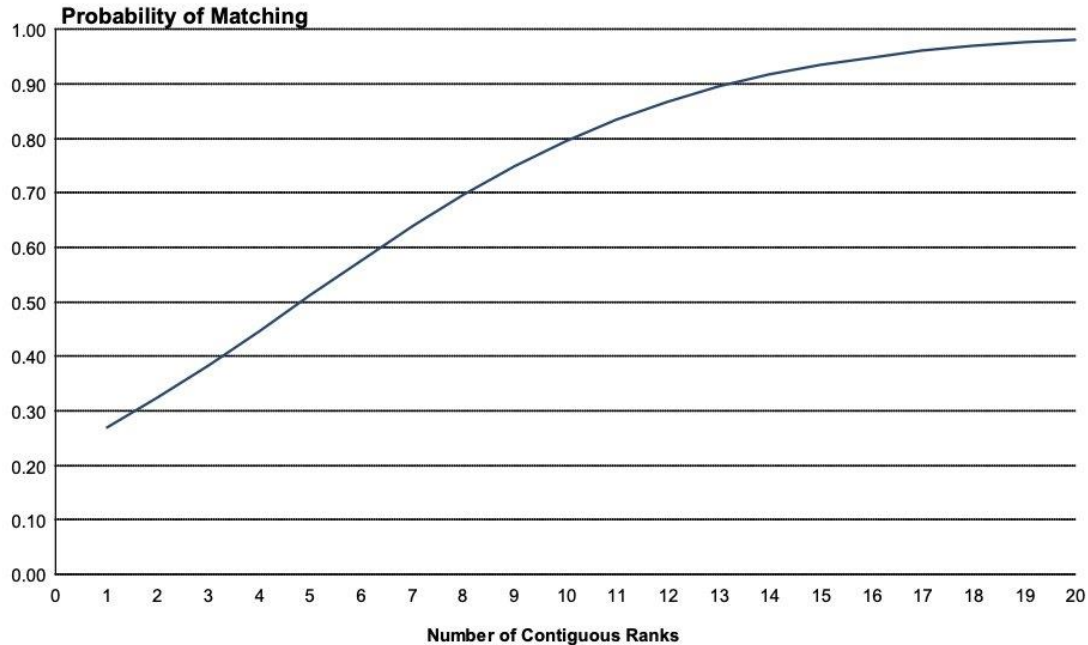


Probability of Matching Based on Number of Programs Ranked

**Graph
PM-1**

Probability of U.S. DO Seniors Matching to Preferred Specialty by Number of Contiguous Ranks

Physical Medicine and Rehabilitation



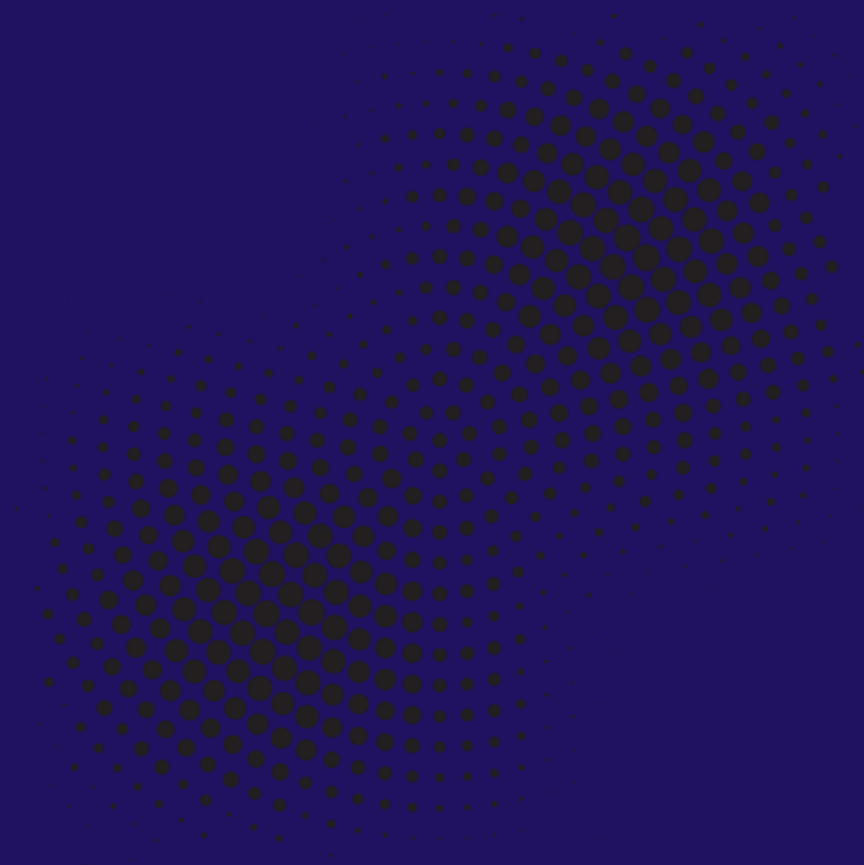
Physical Medicine & Rehabilitation Resources

- [Careers in Medicine Website](#)
- [American Osteopathic College of Physical Medicine and Rehabilitation](#)
- [American Academy of Physical Medicine and Rehabilitation](#)
- [Medical Student Resources](#)

AACOM

American Association of Colleges of
Osteopathic Medicine

Psychiatry





Psychiatry Overview

Psychiatrists diagnose and treat mental, emotional and behavioral disorders through laboratory and psychological tests. The guidebook used in psychiatry is known as the Diagnostic and Statistical Manual of Mental Disorders (DSM-5).

Psychiatrists assess patients by conducting thorough evaluations of their mental health history, symptoms and current functioning. Once a diagnosis is made, psychiatrists develop personalized treatment plans for their patients. These plans may include a combination of psychotherapy, medication management, lifestyle modifications and other interventions tailored to the individual's needs and preferences.



Psychiatry Cont'd

Many psychiatrists are also trained in various forms of psychotherapy, such as cognitive behavioral therapy (CBT), psychodynamic therapy or interpersonal therapy. Psychiatrists often work as part of multidisciplinary teams, collaborating with other healthcare providers, such as psychologists, primary care physicians, nurses and social workers, to ensure comprehensive care for their patients.

Sources

American Psychiatric Association, "[What is Psychiatry?](#)" (Accessed March 2024)

Psychiatry Subspecialties



- Addiction Medicine
- Addiction Psychiatry
- Child and Adolescent Psychiatry
- Forensic Psychiatry
- Geriatric Psychiatry
- Consultation-Liaison Psychiatry

Source

[Accreditation Council for Graduate Medical Education \(ACGME\)](#)

Psychiatry Data Overview



Number of Accredited Residency Programs (2024) ¹	319
Percentage of Programs Often Interviewing DOs (2022) ²	73%
Typical Length of Residency Training	4 Years
Preliminary Year Required	No
Mean COMLEX Level 2 CE Score (2022) ³	533
Mean USMLE Step 2 Score (2022) ³	236
Program Signals (2023/2024 Application Cycle) ⁴	5
Mean Research Experience (2022) ³	2.1
Mean Publications, Presentations (2022) ³	3.0
Mean Number of Work Experiences (2022) ³	3.5
Mean Number of Volunteer Experiences (2022) ³	6.8
Average Hours Worked Per Week ⁵	46.5
Median Salary ⁵	\$276,000

Sources

- [1. Accreditation Council for Graduate Medical Education \(ACGME\)](#)
- [2. Results of the 2022 NRMP Program Director Survey](#)
- [3. Charting Outcomes in the Match: Senior Students of U.S. DO Medical Schools](#)
- [4. ERAS Application and Program Signaling for 2023-24](#)
- [5. Careers in Medicine](#)



Top Education & Academic Factors Considered For Choosing Interviewees

1. MSPE (90.2%)
2. Any Failed USMLE Attempt (75.4%)
3. Grades in Psychiatry Rotations (75.9%)
4. USMLE Step 2 CK Score (73.8%)
5. Grades in Core Clerkships (72.1%)
6. USMLE Step 1 Score (65.6%)
7. Class Ranking/Quartile (65.6%)
8. Any Failed COMLEX Attempt (63.9%)
9. Continuous Medical Education Without Gaps (60.7%)
10. Consistency of Grades (57.4%)

Source

[Results of the 2021 NRMP Program Director Survey](#)



Top Personal Characteristics & Other Factors For Choosing Interviewees

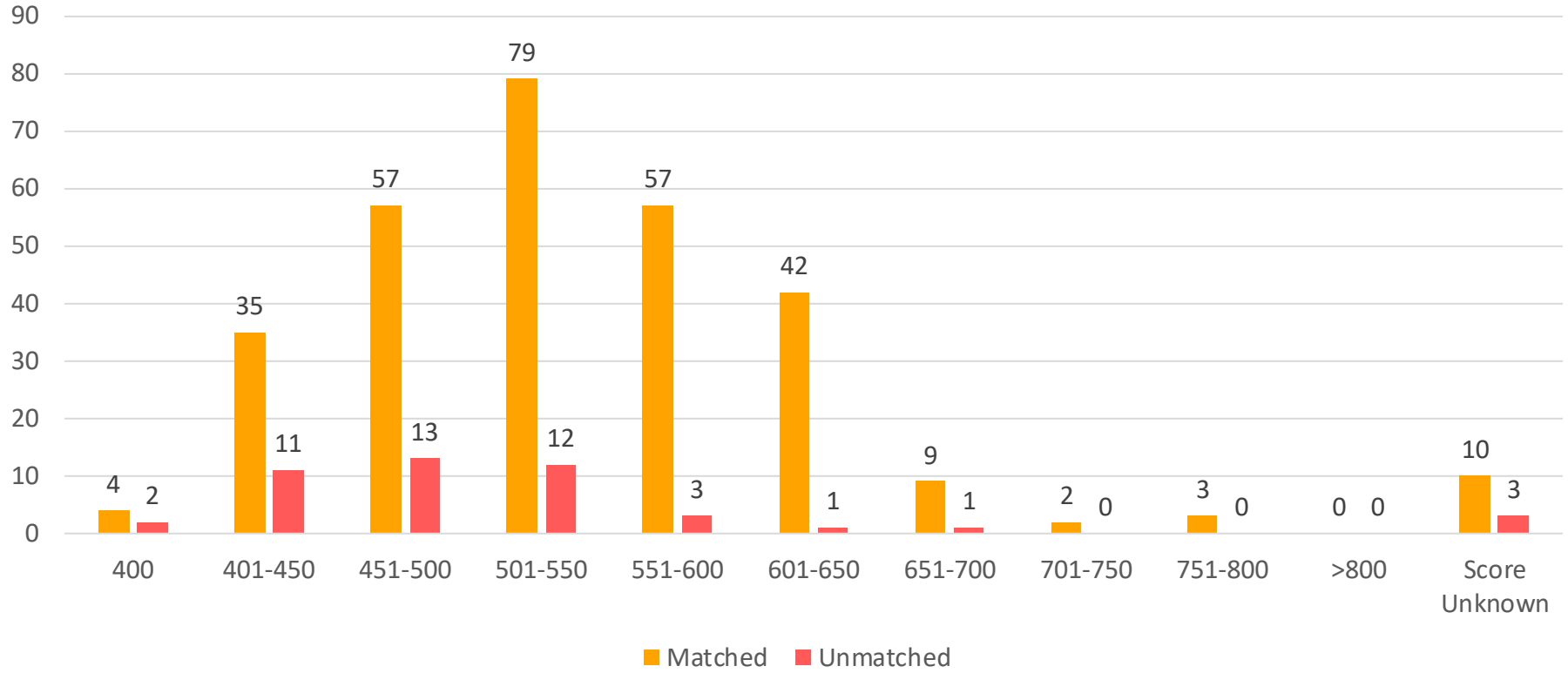
1. Personal Statement (90.2%)
2. Perceived Commitment to Psychiatry (96.6%)
3. Diversity Characteristics (86.9%)
4. Having Overcome Significant Obstacles (80.3%)
5. Letters of Recommendation in the Specialty (78.7%)
6. Perceived Interest in the Program (77%)
7. Professionalism & Ethics (70.5%)
8. Other Life Experience (68.9%)
9. Volunteer/Extracurricular Experience (65.6%)
10. Personal Prior Knowledge of the Applicant (59%)

Source

[Results of the 2021 NRMP Program Director Survey](#)

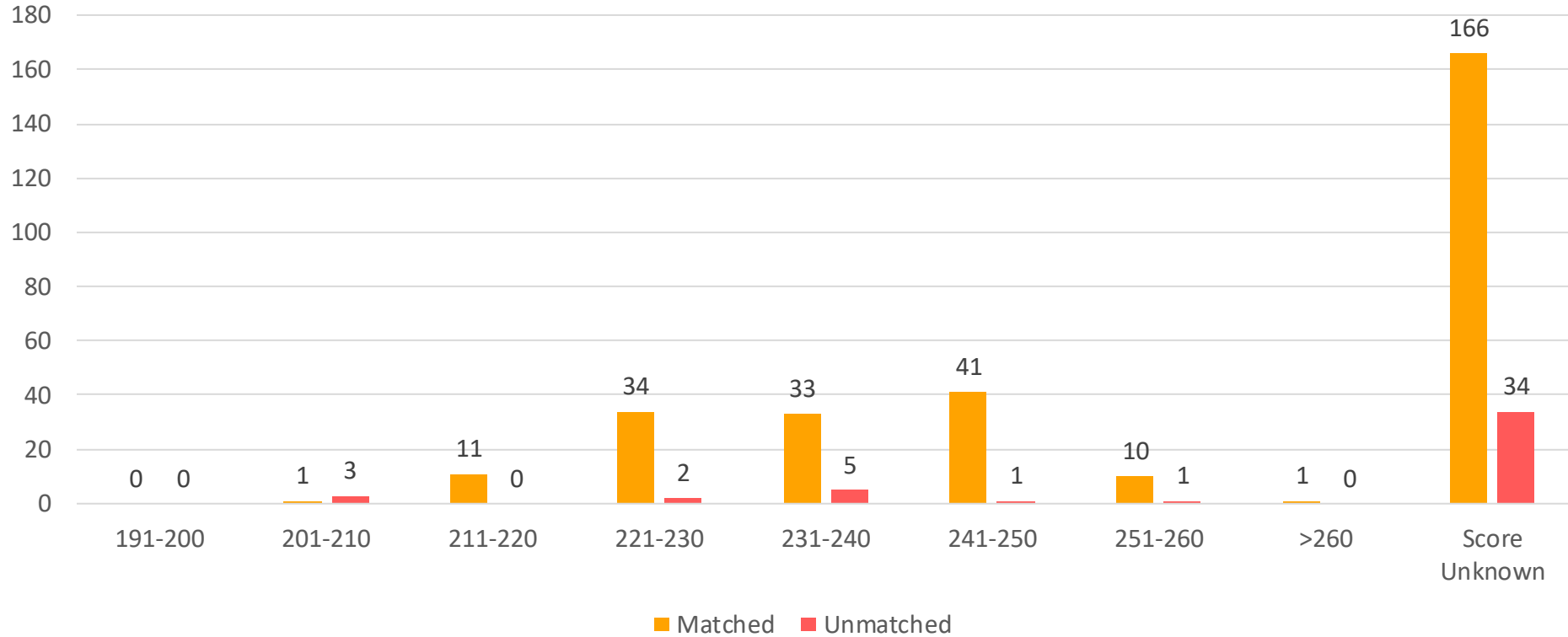


COMLEX Level 2 CE Score Ranges (2022)



Source: [Charting Outcomes in the Match: Senior Students of U.S. DO Medical Schools 2022](#)

USMLE Step 2 CK Score Ranges (2022)

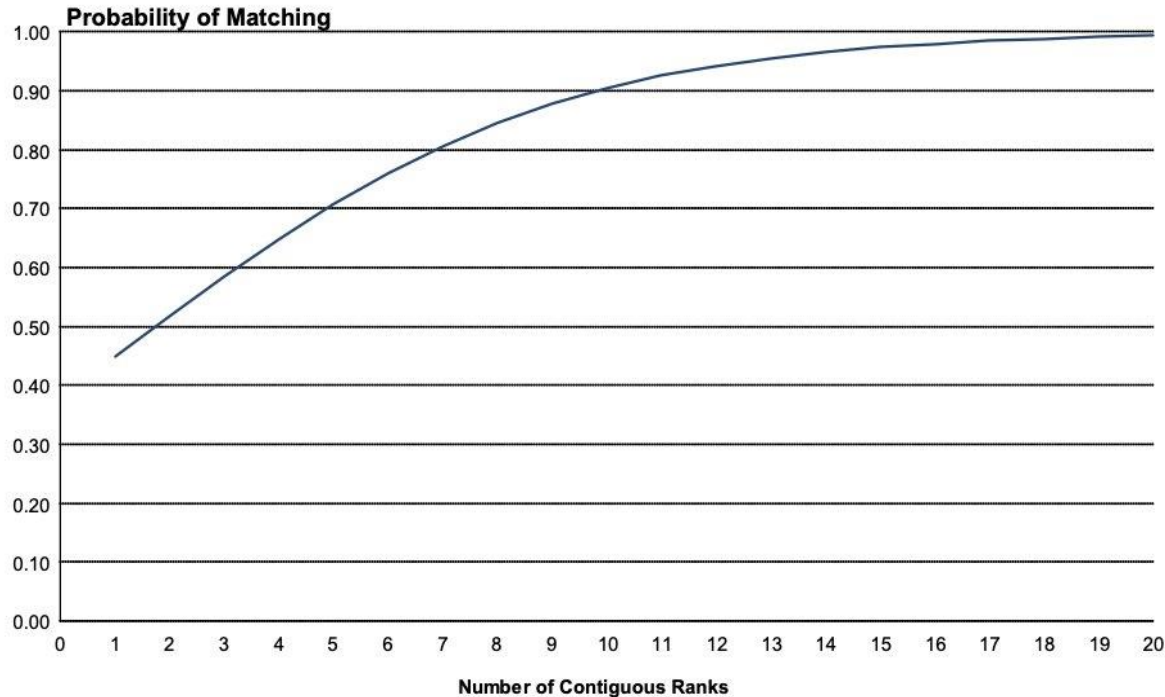


Source: [Charting Outcomes in the Match: Senior Students of U.S. DO Medical Schools 2022](#)

Probability of Matching Based on Number of Programs Ranked

**Graph
P-1**

Probability of U.S. DO Seniors Matching to Preferred Specialty by Number of Contiguous Ranks
Psychiatry

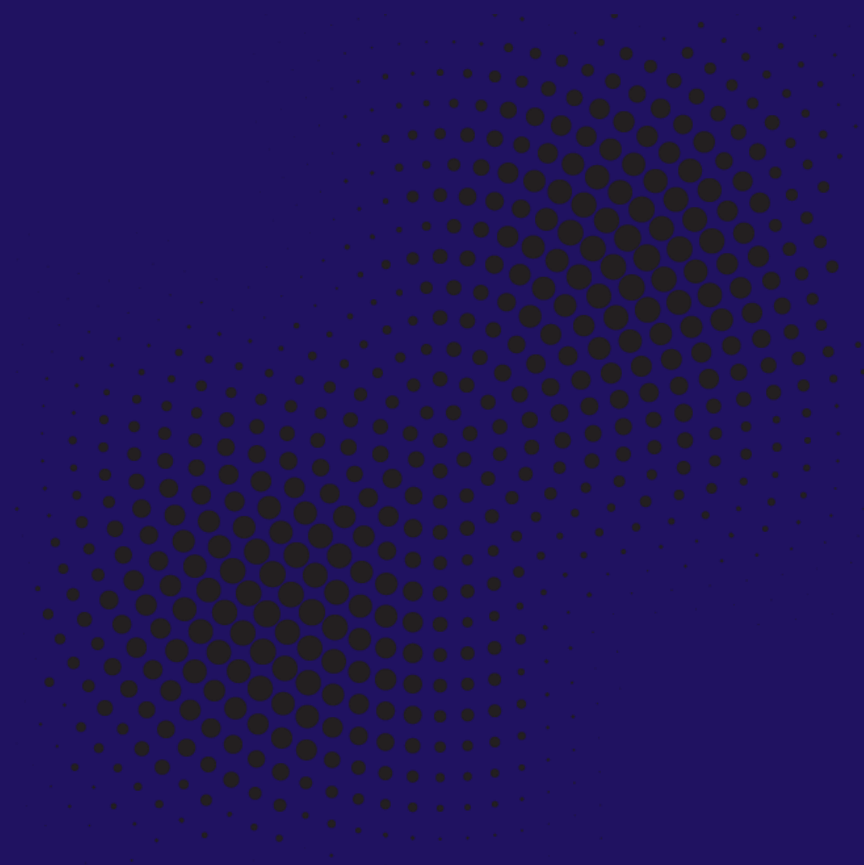


Psychiatry Resources

- [Careers in Medicine Website](#)
- [American College of Osteopathic Neurologists and Psychiatrists](#)
- [American Psychiatric Association](#)
 - [Guide to Applying for Psychiatric Residency](#)
- [Association of Directors of Medical Student Education in Psychiatry – Online Personal Statement Writing Course](#)



Radiology – Diagnostic





Radiology - Diagnostic Overview

Radiology is focused on diagnosing and treating diseases and injuries through the use of medical imaging techniques such as X-rays, CT scans, MRI scans, ultrasound and nuclear medicine imaging. Radiologists' primary responsibility is to interpret medical images to provide accurate diagnoses to aid in patient management. Radiologists work closely with other healthcare professionals, including referring physicians, surgeons and oncologists, to ensure appropriate treatment plans for patients. They play a crucial role in detecting and diagnosing various conditions, including fractures, tumors, infections, cardiovascular diseases and neurological disorders.



Radiology - Diagnostic Cont'd

In addition to image interpretation, radiologists are also involved in performing and guiding minimally invasive procedures using imaging guidance. These procedures may include biopsies, drainage of fluid collections, placement of catheters or tubes and image-guided injections for pain management. Radiologists use their expertise in medical imaging technology to ensure precise placement of instruments or treatments, minimizing risks and maximizing the effectiveness of procedures. Radiologists have excellent problem-solving skills, are self-directed learners, are comfortable with minimal one-on-one patient contact, enjoy new medical technology, and have excellent attention to detail.

Sources

Fimmen, D. (2019). Radiology. In B. S. Freeman (Ed.), *The ultimate guide to choosing a medical specialty* (4 ed., pp. 471-484). New York: McGraw Hill.

Wu, J. S., & Long, S. (2015). Radiology. In J. W. Kung, P. M. Bishop, P. J. Slanetz, & R. L. Eisenberg (Eds.), *Tips for the residency match: What residency directors are really looking for* (pp. 137-141). Malden: Wiley Blackwell.

Radiology –Diagnostic Subspecialties

- Abdominal Radiology
- Musculoskeletal Radiology
- Neuroendovascular Intervention
- Neuroradiology
- Nuclear Radiology
- Pediatric Radiology
- Vascular & Interventional Radiology



Source

[Accreditation Council for Graduate Medical Education \(ACGME\)](#)

Radiology – Diagnostic Data Overview



Number of Accredited Residency Programs (2024) ¹	197
Percentage of Programs Often Interviewing DOs (2022) ²	71%
Typical Length of Residency Training	5 Years
Preliminary Year Required	No
Mean COMLEX Level 2 CE Score (2022) ³	661
Mean USMLE Step 2 Score (2022) ³	250
Program Signals (2023/2024 Application Cycle) ⁴	12
Mean Research Experience (2022) ³	2.4
Mean Publications, Presentations (2022) ³	3.9
Mean Number of Work Experiences (2022) ³	3.6
Mean Number of Volunteer Experiences (2022) ³	5.7
Average Hours Worked Per Week ⁵	58
Median Salary ⁵	\$423,000

Sources

- [1. Accreditation Council for Graduate Medical Education \(ACGME\)](#)
- [2. Results of the 2022 NRMP Program Director Survey](#)
- [3. Charting Outcomes in the Match: Senior Students of U.S. DO Medical Schools](#)
- [4. ERAS Application and Program Signaling for 2023-24](#)
- [5. Careers in Medicine](#)



Top Education & Academic Factors Considered For Choosing Interviewees

1. USMLE Step 1 Score (97.1%)
2. MSPE (88.2%)
3. USMLE Step 2 CK Score (85.3%)
4. Class Ranking/Quartile (82.4%)
5. Grades in Core Clerkships (73.5%)
6. Any Failed USMLE Attempt (70.6%)
7. AOA Membership (70.6%)
8. Awards/Honors in Core Clerkships (70.6%)
9. Consistency of Grades (64.7%)
10. Any Failed COMLEX Attempt (58.8%)

Source

[Results of the 2021 NRMP Program Director Survey](#)



Top Personal Characteristics & Other Factors For Choosing Interviewees

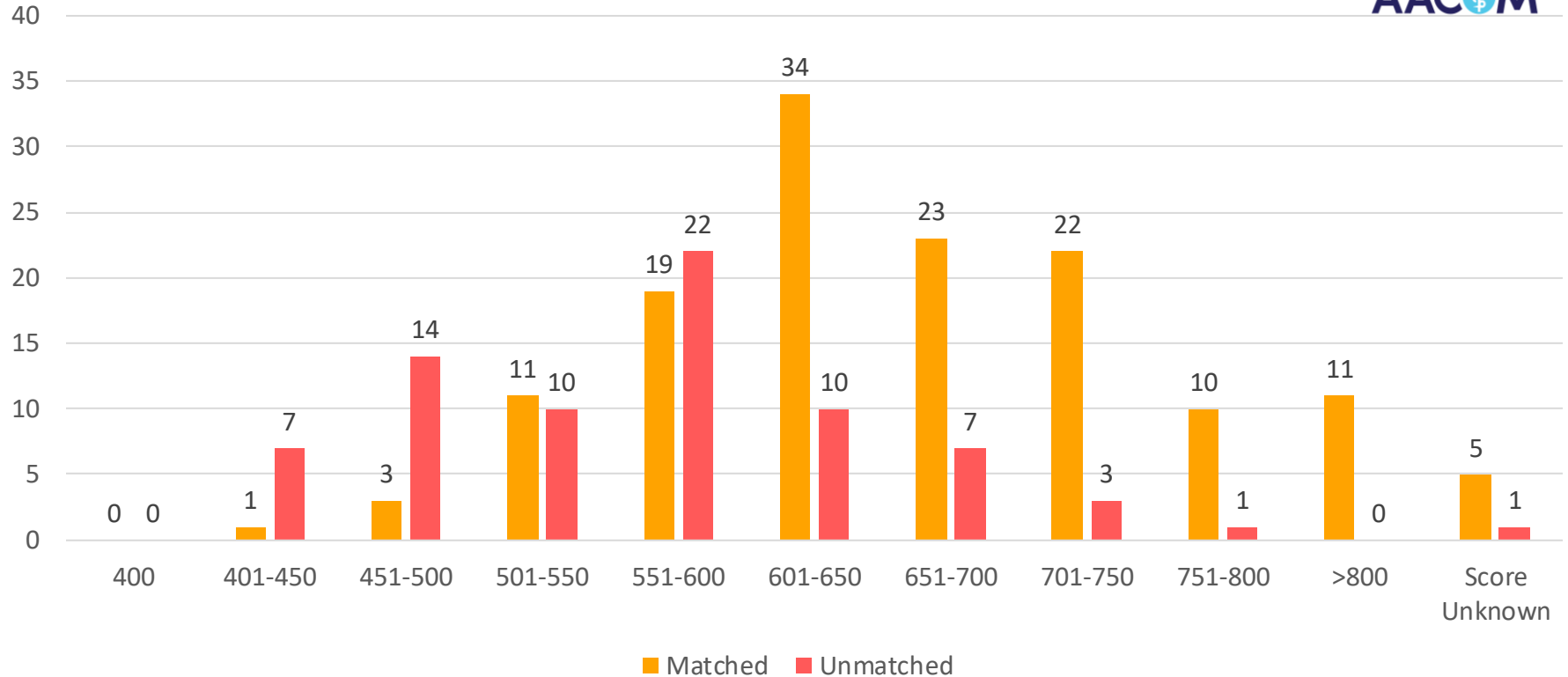
1. Perceived Interest in the Program (94.1%)
2. Personal Statement (91.2%)
3. Letters of Recommendation in the Specialty (88.2%)
4. Perceived Commitment to Radiology (88.2%)
5. Having Overcome Significant Obstacles (88.2%)
6. Diversity Characteristics (81.0%)
7. Personal Prior knowledge of the Applicant (79.4%)
8. Professionalism & Ethics (76.5%)
9. Volunteer/Extracurricular Experience (70.6%)
10. Leadership Qualities (67.6%)

Source

[Results of the 2021 NRMP Program Director Survey](#)



COMLEX Level 2 CE Score Ranges (2022)



Source: [Charting Outcomes in the Match: Senior Students of U.S. DO Medical Schools 2022](#)

USMLE Step 2 CK Score Ranges (2022)



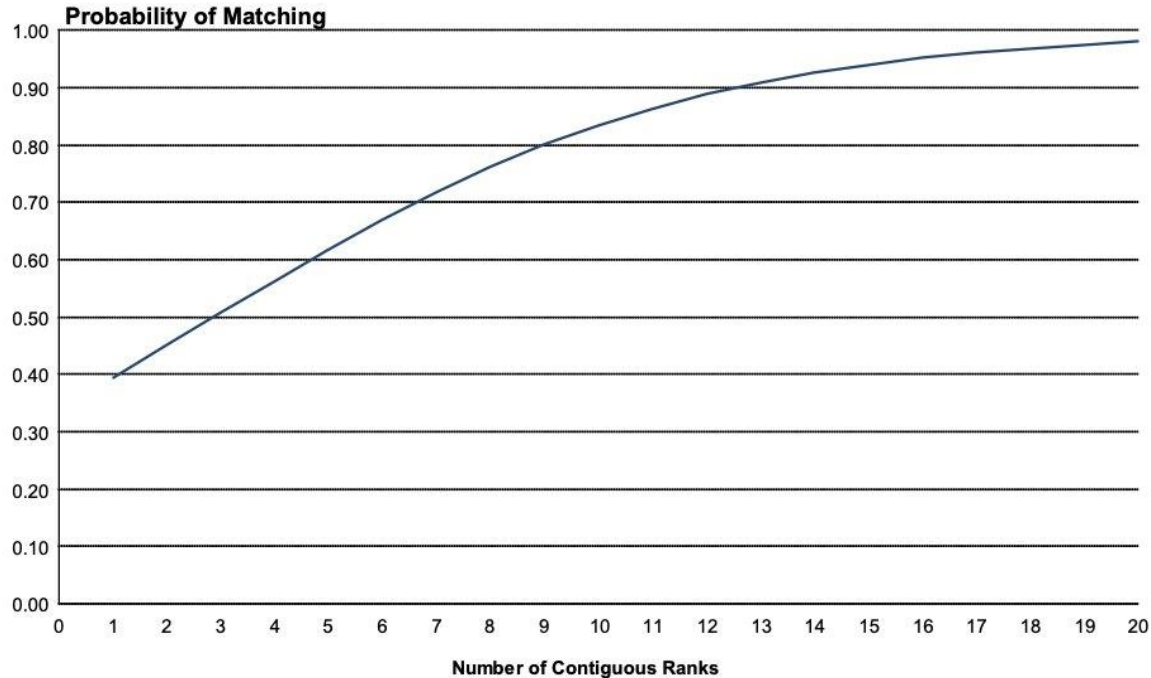
Source: [Charting Outcomes in the Match: Senior Students of U.S. DO Medical Schools 2022](#)



Probability of Matching Based on Number of Programs Ranked

Graph
DR-1

Probability of U.S. DO Seniors Matching to Preferred Specialty by Number of Contiguous Ranks
Diagnostic Radiology



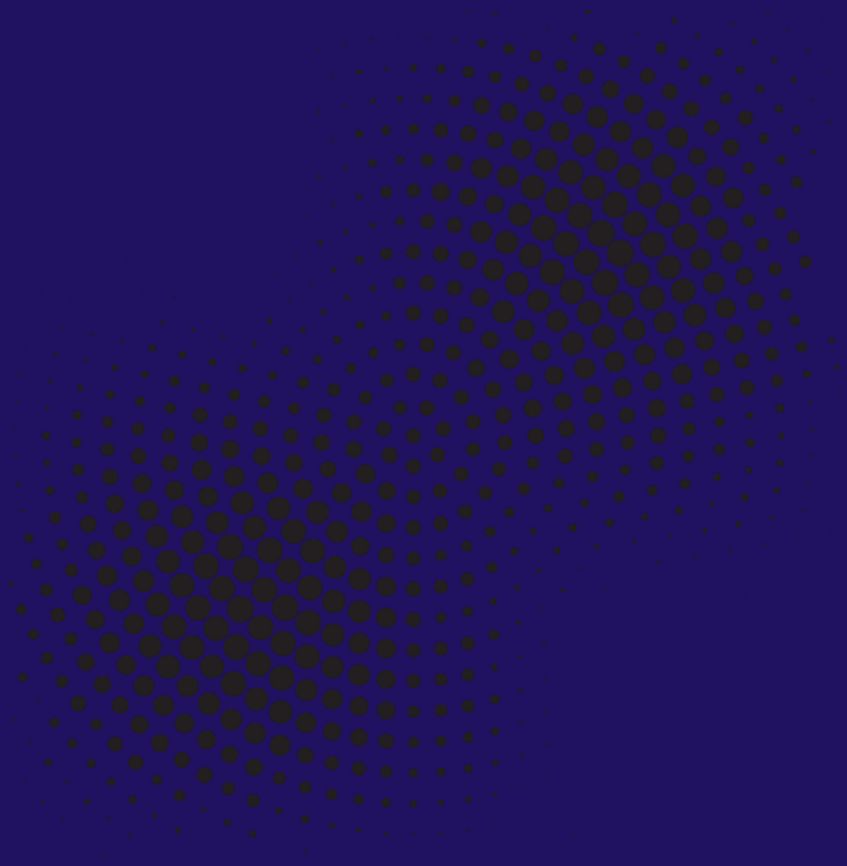
Radiology – Diagnostic Resources

- [Careers in Medicine Website](#)
- [American Osteopathic College of Radiology](#)
- [American College of Radiology](#)
- [Association of University Radiologists: Resources for Applying to Residency](#)



American Association of Colleges of
Osteopathic Medicine

Surgery - General





Surgery Overview

A general surgeon has principal expertise in the diagnosis and care of patients with diseases and disorders affecting the abdomen, digestive tract, endocrine system, breast, skin and blood vessels.

A general surgeon is also trained in the treatment of patients who are injured or critically ill, and in the care of pediatric and cancer patients. General surgeons are skilled in the use of minimally invasive techniques and endoscopies. Common conditions treated by general surgeons include hernias, gallstones, appendicitis, breast tumors, thyroid disorders, pancreatitis, bowel obstructions, colon inflammation and colon cancer.

Some general surgeons pursue additional training and specialize in the fields of pediatric surgery, surgical oncology, vascular surgery, trauma surgery, transplant surgery and others.

Sources

[American Board of Medical Specialties](#) (Last accessed 2023)

Surgery Subspecialties



- Complex General Surgical Oncology
- Hand Surgery
- Pediatric Surgery
- Surgical Critical Care
- Vascular Surgery – Independent

Source

[Accreditation Council for Graduate Medical Education \(ACGME\)](#)

Surgery Data Overview



Number of Accredited Residency Programs (2024) ¹	359
Percentage of Programs Often Interviewing DOs (2022) ²	52%
Typical Length of Residency Training	5 Years
Preliminary Year Required	No
Mean COMLEX Level 2 CE Score (2022) ³	626
Mean USMLE Step 2 Score (2022) ³	246
Program Signals (2023/2024 Application Cycle) ⁴	5
Mean Research Experience (2022) ³	3.0
Mean Publications, Presentations (2022) ³	4.6
Mean Number of Work Experiences (2022) ³	4.3
Mean Number of Volunteer Experiences (2022) ³	7.9
Average Hours Worked Per Week ⁵	59.4
Median Salary ⁵	\$371,500

Sources

- [1. Accreditation Council for Graduate Medical Education \(ACGME\)](#)
- [2. Results of the 2022 NRMP Program Director Survey](#)
- [3. Charting Outcomes in the Match: Senior Students of U.S. DO Medical Schools](#)
- [4. ERAS Application and Program Signaling for 2023-24](#)
- [5. Careers in Medicine](#)



Top Education & Academic Factors Considered For Choosing Interviewees

1. USMLE Step 1 Score (96.1%)
2. MSPE (85.5%)
3. USMLE Step 2 CK Score (84.2%)
4. Grades in Core Clerkships (76.3%)
5. Grades in General Surgery rotations(75%)
6. Any Failed USMLE Attempt (71.1%)
7. Class Ranking/Quartile (69.7%)
8. Awards/Honors in Clinical Clerkships (69.7%)
9. Alpha Omega Alpha Membership (65.8%)
10. Consistency of Grades (63.2%)

Source

[Results of the 2021 NRMP Program Director Survey](#)



Top Personal Characteristics & Other Factors For Choosing Interviewees

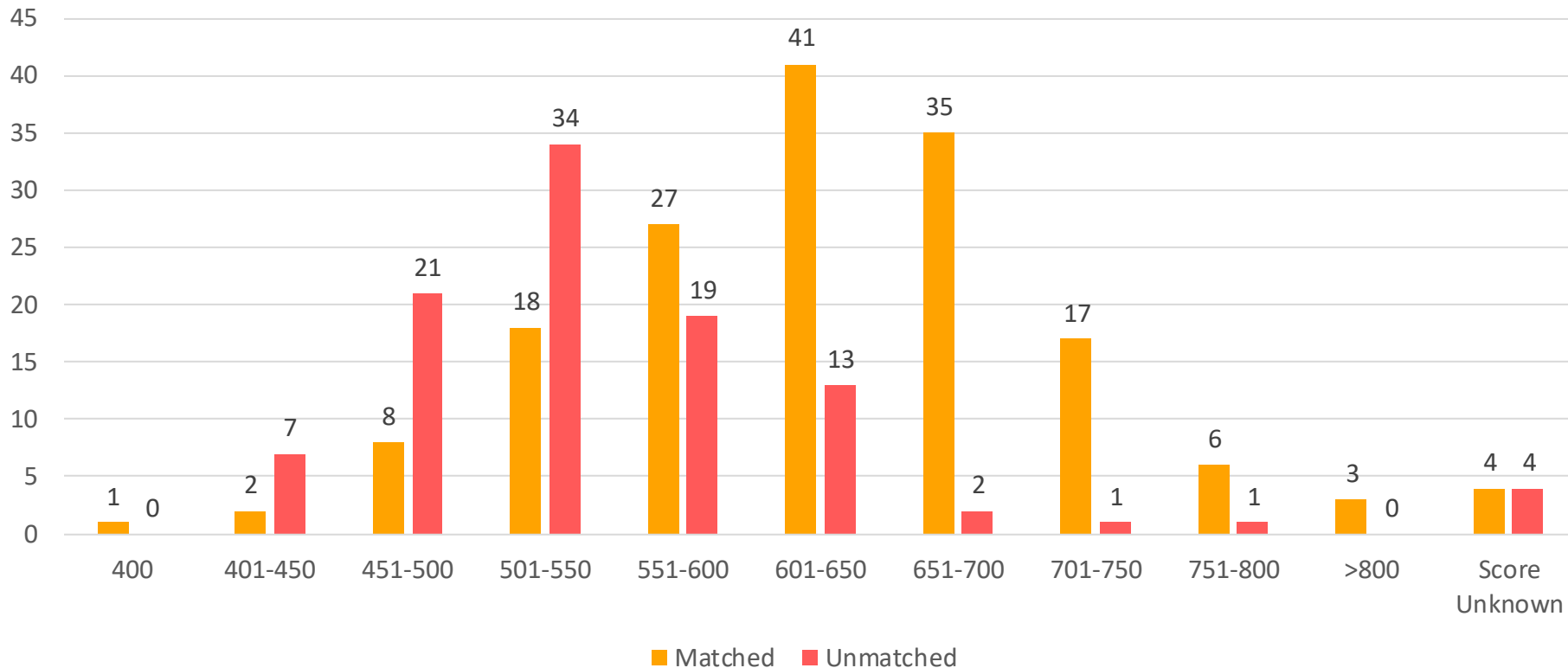
1. Letters of Recommendation in the Specialty (93.4%)
2. Personal Statement (84.2%)
3. Professionalism & Ethics (82.9%)
4. Diversity Characteristics (81.6%)
5. Leadership Qualities (81.6%)
6. Having Overcome Significant Obstacles (75%)
7. Perceived Commitment to General Surgery (72.4%)
8. Personal Prior Knowledge of the Applicant (71.1%)
9. Other Life Experience (65.8%)
10. Volunteer/Extracurricular Experience (63.2%)

Source

[Results of the 2021 NRMP Program Director Survey](#)



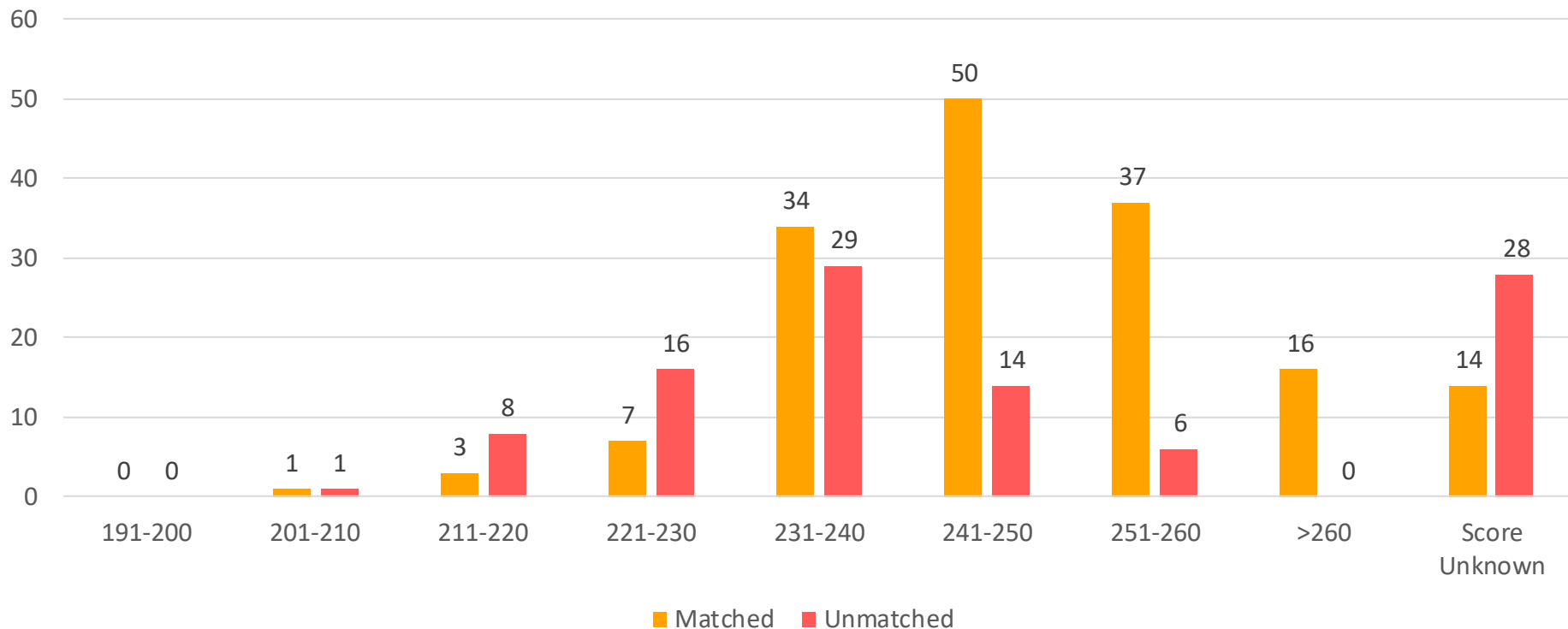
COMLEX Level 2 CE Score Ranges (2022)



Source: [Charting Outcomes in the Match: Senior Students of U.S. DO Medical Schools 2022](#)



USMLE Step 2 CK Score Ranges (2022)



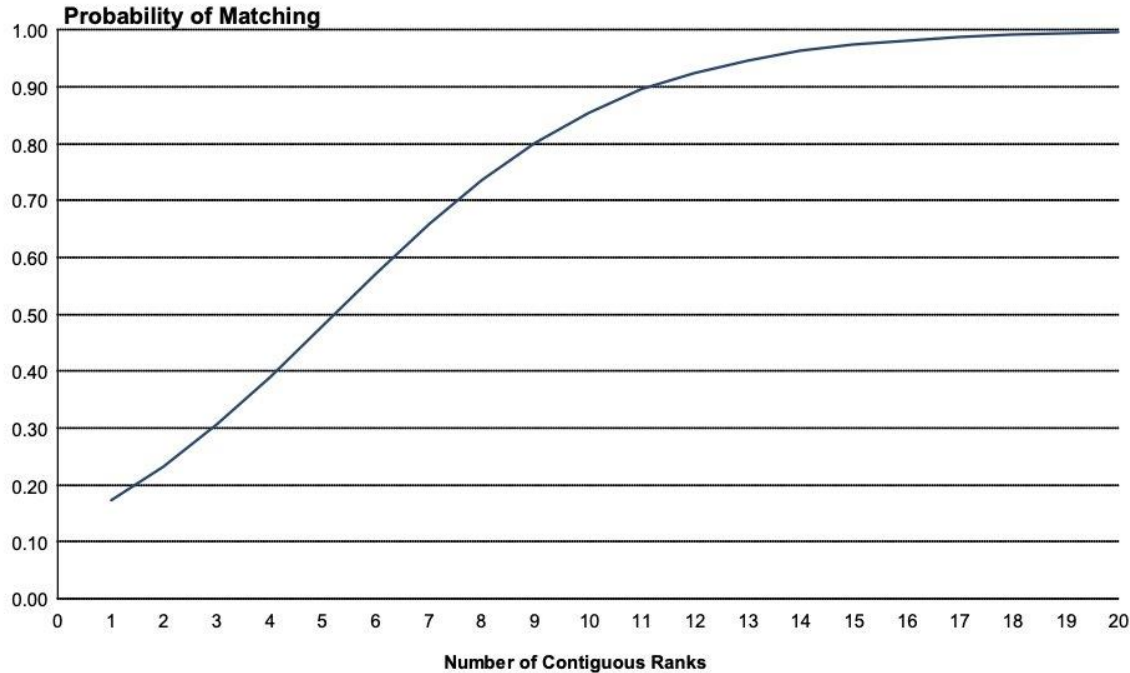
Source: [Charting Outcomes in the Match: Senior Students of U.S. DO Medical Schools 2022](#)



Probability of Matching Based on Number of Programs Ranked

**Graph
GS-1**

Probability of U.S. DO Seniors Matching to Preferred Specialty by Number of Contiguous Ranks
General Surgery



Surgery Resources

- [Careers in Medicine Website](#)
- [American College of Osteopathic Surgeons](#)
- [American College of Surgeons](#)
- [Medical Student Resources](#)

