



Charting Outcomes™: **Characterstics of U.S. MD Seniors Who** **Matched to Their Preferred Specialty**

2024 Main Residency Match®

4th Edition

Prepared by:
National Resident Matching Program
www.nrmp.org

August 2024

Questions about the contents of this publication may be directed to National Resident Matching Program, (202) 400-2233 or datarequest@nrmp.org.

Questions about the NRMP should be directed to Donna L. Lamb, D.HSc., M.B.A., B.S.N., President and CEO, National Resident Matching Program, (202) 400-2233 or admin@nrmp.org.

Copyright ©2024 National Resident Matching Program, 455 Massachusetts Avenue NW, Suite 310, Washington, DC 20001 USA. All rights reserved. Permission to use, copy and/or distribute any documentation and/or related images from this publication shall be expressly obtained from the NRMP.

National Resident Matching Program, Charting Outcomes in the Match: Senior Students of U.S. Medical Schools, 2024. National Resident Matching Program, Washington, DC 2024.

Introduction	ii
Tables and Charts for All Specialties	
Chart 1. Active Applicants in the 2024 Main Residency Match.....	2
Table 1. Number of Applicants and Positions in the 2024 Main Residency Match.....	3
Chart 2. Ratio of U.S. MD Seniors Ranking Specialty First / Available Positions	4
Chart 3. Match Rates of U.S. MD Seniors.....	5
Table 2. Summary Statistics on U.S. MD Seniors	6
Chart 4. Median Number of Contiguous Ranks of U.S. MD Seniors	7
Chart 5. Mean Number of Different Specialties Ranked of U.S. MD Seniors	8
Chart 6. USMLE Step 1 Scores of U.S. MD Seniors.....	9
Chart 7. USMLE Step 2 CK Scores of U.S. MD Seniors	10
Chart 8. Mean Number of Research Experiences of U.S. MD Seniors	11
Chart 9. Mean Number of Abstracts, Presentations, and Publications of U.S. MD Seniors.....	12
Chart 10. Mean Number of Work Experiences of U.S. MD Seniors.....	13
Chart 11. Mean Number of Volunteer Experiences of U.S. MD Seniors.....	14
Chart 12. Percentage of U.S. MD Seniors Who are Members of AOA	15
Chart 13. Percentage of U.S. MD Seniors Graduating from One of the 40 Medical Schools with the Highest NIH Funding	16
Chart 14. Percentage of U.S. MD Seniors Who Have a Graduate Degree	17
Tables and Charts for Individual Specialties	
Anesthesiology	18
Child Neurology	28
Dermatology	38
Diagnostic Radiology	48
Emergency Medicine	58
Family Medicine	68
General Surgery	78
Internal Medicine	88
Internal Medicine/Pediatrics	98
Interventional Radiology	108
Neurological Surgery	118
Neurology	128
Obstetrics and Gynecology	138
Orthopaedic Surgery	148
Otolaryngology	158
Pathology	168
Pediatrics	178
Physical Medicine and Rehabilitation	188
Plastic Surgery	198
Psychiatry	208
Radiation Oncology.....	218
Vascular Surgery	228

Background

The first edition of *Charting Outcomes in the Match* was published in August 2006 to document how applicant qualifications affect success in the Main Residency Match®. The report was published biennially between 2007 and 2011 and was a collaboration of the National Resident Matching Program® (NRMP®) and the Association of American Medical Colleges® (AAMC®). Match outcome data from the NRMP were combined with applicant characteristics from the AAMC's Electronic Residency Application Service (ERAS®) and United States Medical Licensing Examination (USMLE®) scores from the AAMC data warehouse. Starting with the 2014 Main Residency Match, the NRMP added a Professional Profile section to its Match registration process to collect the USMLE scores and other applicant characteristics, and those have been used to independently produce all subsequent *Charting Outcomes in the Match* reports.

Prior to 2016, this report examined the Match success of only two applicant groups: senior students from U.S. MD medical schools ("U.S. seniors" or "U.S. MD seniors") and independent applicants. Independent applicants included all applicant types other than U.S. seniors: graduates of U.S. MD medical schools, students/graduates of U.S. DO medical schools, students/graduates of Fifth Pathway programs, students/graduates of Canadian medical schools, and U.S. citizen and non-U.S. citizen students/graduates of international medical schools (IMGs). Because independent applicants are a heterogeneous group, a decision was made in 2016 to report data separately for U.S. MD medical school seniors, students/graduates of U.S. DO medical schools, U.S. citizen students/graduates of international medical schools, and non-U.S. citizen students/graduates of international medical schools. In 2018, upon requests from U.S. DO medical schools, the *Charting Outcomes in the Match* report was redesigned to include only senior students of U.S. DO medical schools ("U.S. DO seniors"), eliminating the reporting on U.S. DO graduates because their numbers are so small. The 2024 *Charting Outcomes in the Match* reports marks the fourth iteration of publications for U.S. MD Seniors, U.S. DO seniors and U.S. citizen/non-U.S. citizen IMGs. This report examines the characteristics of U.S. MD seniors.

Data

Match outcome, specialty preference, and ranking information were collected through the Main Residency Match. The 40 U.S. medical schools receiving the highest totals of National Institutes of Health (NIH) grants were obtained from the NIH website. Other applicant characteristics, including USMLE Step 1 and Step 2 Clinical Knowledge (CK) scores, academic degrees, abstracts/presentations/publications, Alpha Omega Alpha Honor Medical Society (AOA) membership, and research, work, and volunteer experiences, were self-reported through the Academic Information section of the NRMP's Applicant Registration Form for the Match. Completion of the form was optional.

It is important to note that due to the transition of USMLE Step 1 to pass/fail (i.e., tests taken after January 26, 2022, only receive a pass/fail rather than a numeric score), the number of applicants reporting Step 1 scores is decreasing and will continue to decrease in upcoming years. In 2024, only 13.3 percent of U.S. MD seniors who consented to provide their academic information upon registration to the Match self-reported numeric Step 1 scores. While low rates of Step 1 numeric scores being reported was expected due to the transition, nearly all U.S. MD seniors who consented to provide their academic information (99.6%) provided their Step 1 pass/fail status.

A total of 19,755 U.S. MD seniors submitted certified rank order lists in the 2024 Main Residency Match. After excluding the 18.7 percent of U.S. MD seniors who did not give consent to provide their academic information for use in research, 16,054 applicants were included in the final dataset. Missing data were found in Step 2 CK scores (1.6%), number of research experiences (14.9%), number of abstracts, presentations, and publications (14.1%), number of work experiences (16.1%), number of volunteer experiences (15.6%), Ph.D. degree (5.7%), other graduate degree (5.9%), and AOA membership (7.0%).

To ensure that USMLE Step scores were not misreported, the NRMP asked medical schools to verify the scores of their U.S. MD seniors. In 2024, 85.0 percent of the Step 1 scores and 85.2 percent Step 2 CK scores used in this report were verified, corrected, or supplied by U.S. medical schools (i.e., remaining applicant self-reported scores were not verified by medical schools). Because the self-reported scores are highly accurate (the intraclass correlation coefficient (ICC) between the self-reported scores and school-verified scores was 0.991 (99% CI [0.990, 0.992]) for Step 1 scores and 0.882 (99% CI [0.877, 0.887]) for Step 2 CK scores), both verified and unverified scores were used to prepare this report.

Methods

Specialties that offered 50 or more positions in the 2024 Main Residency Match are included in this report. Transitional Year programs were excluded beginning with the 2011 report because they are not viewed as a preferred specialty choice.

Twelve measures are incorporated in this report. Probability analysis using a simple logistic regression model was introduced in 2009 to evaluate the relationship between Match success and contiguous ranks and USMLE Step 1 scores. Probability analyses in this report used data on U.S. MD seniors who participated in the Match in 2022, 2023, and 2024.

It is important to note that for purposes of this report, Match success is defined as a match to the specialty of the applicant's first-ranked program, or "preferred specialty," because that is assumed to be the specialty of choice. No distinction was made based on applicants' program choice.

Summary

Some general observations apply to all specialties in this report. U.S. MD seniors who are successful in matching to their preferred specialty (compared to those who do not match to their preferred specialty) are more likely to:

- Rank more programs within their preferred specialty
- Have higher USMLE Step 1 and Step 2 scores
- Be members of Alpha Omega Alpha Honor Medical Society
- Have graduated from one of the 40 U.S. medical schools with the highest NIH funding

Although other measures may be related to Match success for some specialties, the relationships are not consistent enough to draw broad conclusions across specialties. In addition, the data sources used for *Charting Outcomes in the Match* do not include other important applicant factors such as course evaluations, reference letters, and the Medical School Performance Evaluation (MSPE).

Despite the fairly strong relationship between USMLE Step scores and Match success, the distributions of scores show that program directors do consider other qualifications. A high score is not a guarantee of success, and a low score is not a bar to success. Even in the most competitive specialties, a few individuals with high scores are not successful. In the less competitive specialties, U.S. MD seniors with scores slightly above passing usually match to their preferred specialties. The data are reassuring because they indicate that at least some programs do not employ an arbitrary cutoff or decline to consider applicants with less than excellent test performance.

The data in this report support the following straightforward advice for applicants:

- Rank the programs with which you've interviewed in the order you most prefer them.
- Include a mix of both competitive and less competitive programs within your preferred specialty.
- Include all programs on your list where you would be willing to train if matched.
- Include all of your qualifications in your application but know that you do not have to be AOA, have the highest USMLE scores, have publications, or have participated in research projects to match successfully.

For questions, comments or more information, please contact:

National Resident Matching Program
455 Massachusetts Avenue NW, Suite 310
Washington, DC 20001
Tel: (202) 400-2233
Email: datarequest@nrmp.org



Tables and Charts for All Specialties

**Chart
1**

**Active Applicants in the 2024 Main Residency Match
by Applicant Type**

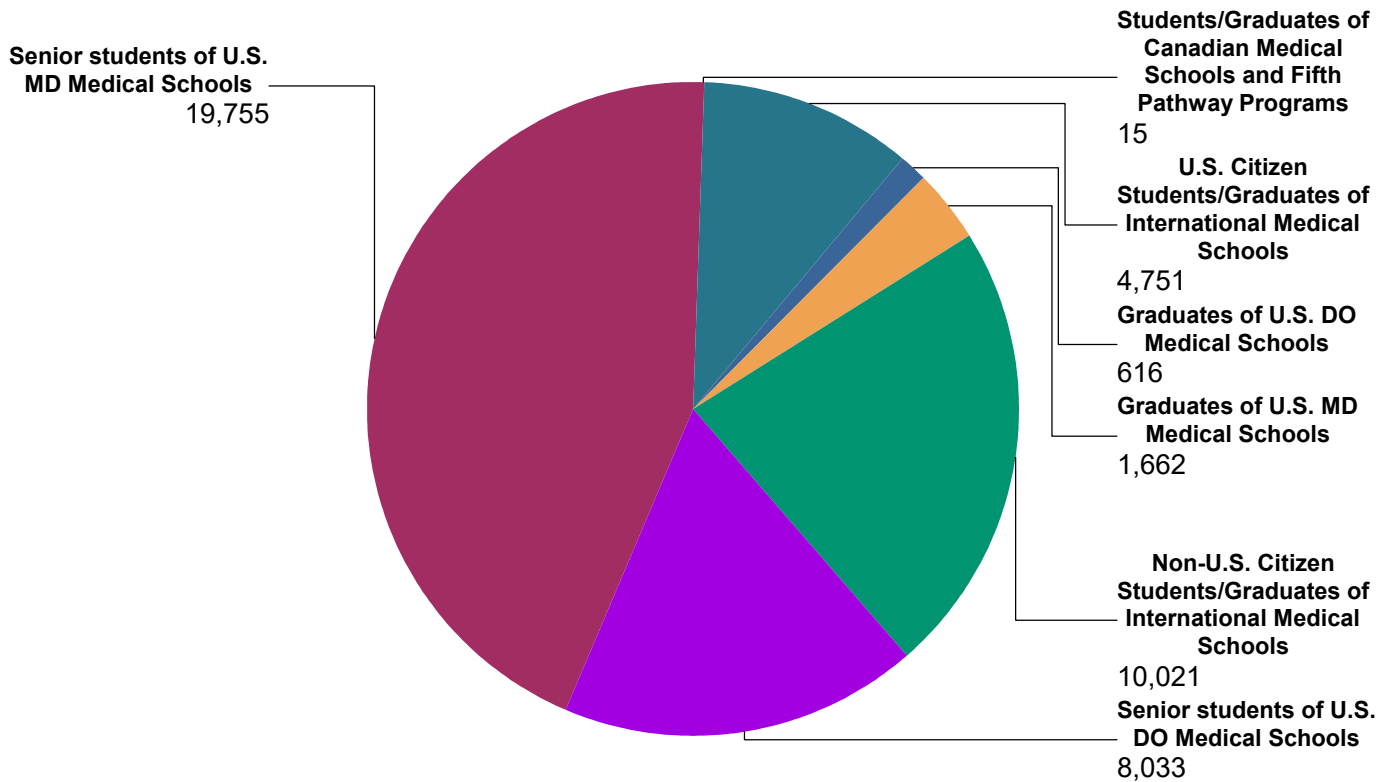


Chart 1 shows the number of active applicants (i.e., applicants who have certified a rank order list) by applicant type in the 2024 Main Residency Match. A total of 44,853 active applicants participated in the 2024 Main Residency Match. U.S. MD seniors constituted the largest group, comprising 44.0 percent of applicants in the Match. The second largest group of active applicants were Non-U.S. IMGs at 22.3 percent, followed by U.S. DO seniors at 17.9 percent. The number of students and graduates of Canadian medical schools and Fifth Pathway programs remains small (n=15).

**Table
1****Number of Applicants and Positions in the 2024 Main Residency Match
by Preferred Specialty***

Preferred Specialty	Total Positions Offered	Total Number of All Applicants	Number of All Applicants Per Position	Number of U.S. MD Seniors			Number of U.S. MD Seniors Per Position
				Matched	Not Matched	Total	
Anesthesiology	2,135	2,933	1.37	1,387	241	1,628	0.76
Child Neurology	212	211	1.00	134	4	138	0.65
Dermatology	576	916	1.59	424	177	601	1.04
Diagnostic Radiology	1,186	1,566	1.32	777	122	899	0.76
Emergency Medicine	3,026	2,980	0.98	1,246	26	1,272	0.42
Family Medicine	5,213	4,702	0.90	1,427	17	1,444	0.28
General Surgery	1,717	2,529	1.47	1,028	229	1,257	0.73
Internal Medicine	10,681	13,143	1.23	3,699	83	3,782	0.35
Internal Medicine/Pediatrics	390	488	1.25	337	55	392	1.01
Interventional Radiology	190	256	1.35	144	30	174	0.92
Neurological Surgery	241	414	1.72	204	93	297	1.23
Neurology	1,126	1,476	1.31	600	40	640	0.57
Obstetrics and Gynecology	1,539	2,034	1.32	1,100	184	1,284	0.83
Orthopaedic Surgery	916	1,448	1.58	726	267	993	1.08
Otolaryngology	382	496	1.30	339	75	414	1.08
Pathology	628	942	1.50	257	18	275	0.44
Pediatrics	3,139	2,904	0.93	1,438	4	1,442	0.46
Physical Medicine and Rehabilitation	577	740	1.28	291	52	343	0.59
Plastic Surgery	213	350	1.64	188	65	253	1.19
Psychiatry	2,261	2,859	1.26	1,304	159	1,463	0.65
Radiation Oncology	203	201	0.99	119	3	122	0.60
Vascular Surgery	100	139	1.39	77	10	87	0.87

* Preferred specialty is the specialty of the first-ranked program on an applicant's rank order list, excluding preliminary programs in specialties.

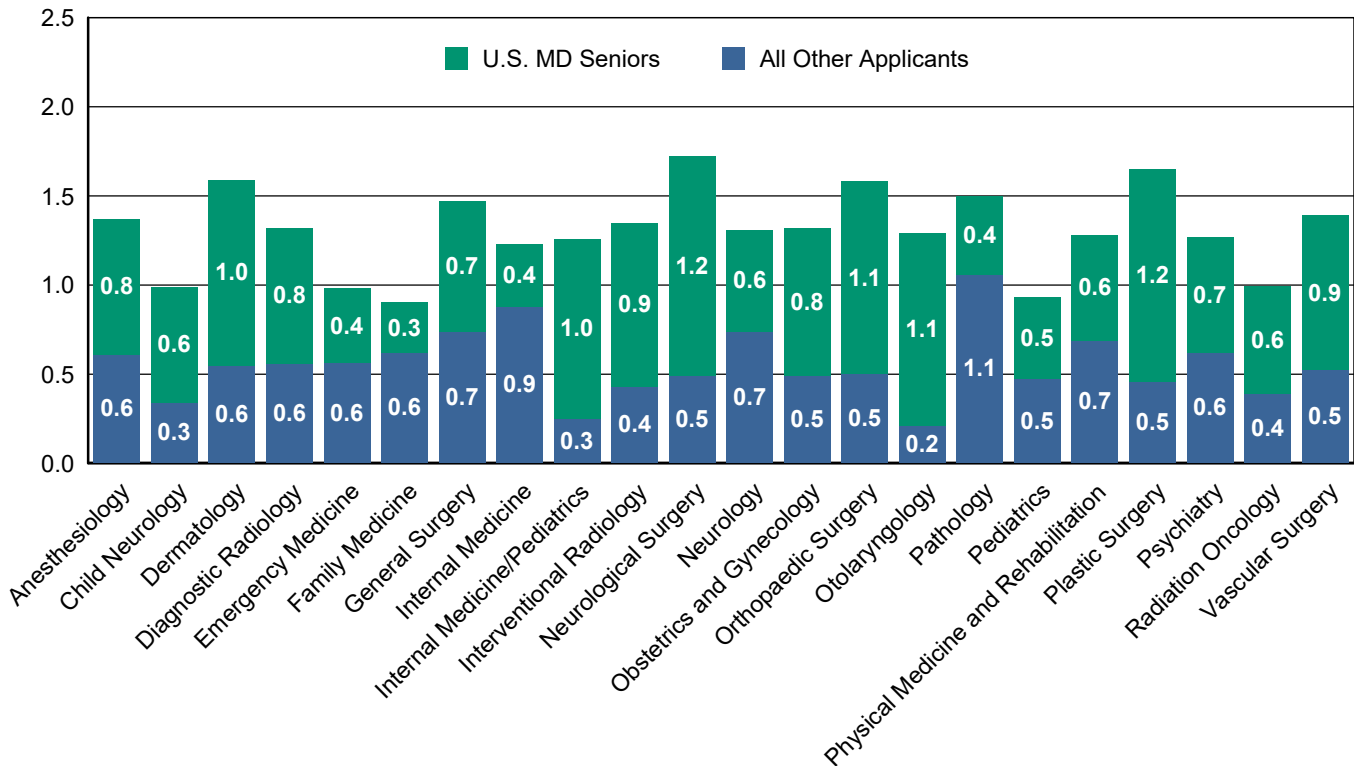
Source: NRMP Data Warehouse.

Table 1 provides a summary of the numbers of positions offered in selected specialties, the number of applicants who preferred each specialty (i.e., specialty of the first-ranked program on an applicant's rank order list), and the number of U.S. MD seniors who preferred each specialty. For example, a total of 2,933 applicants preferred Anesthesiology, among whom 1,628 are U.S. MD seniors (1,387 matched and 241 not matched to Anesthesiology). For each of the 2,135 positions offered, there were 1.37 applicants who preferred the specialty, including 0.76 U.S. MD seniors.

Only those specialties offering 50 or more positions are included. For those specialties offering both PGY 1 and PGY 2 positions (including Physician (R) positions), all position types have been combined.

**Chart
2**

**Ratio of MD Seniors Ranking Specialty First / Available Positions
by Preferred Specialty**

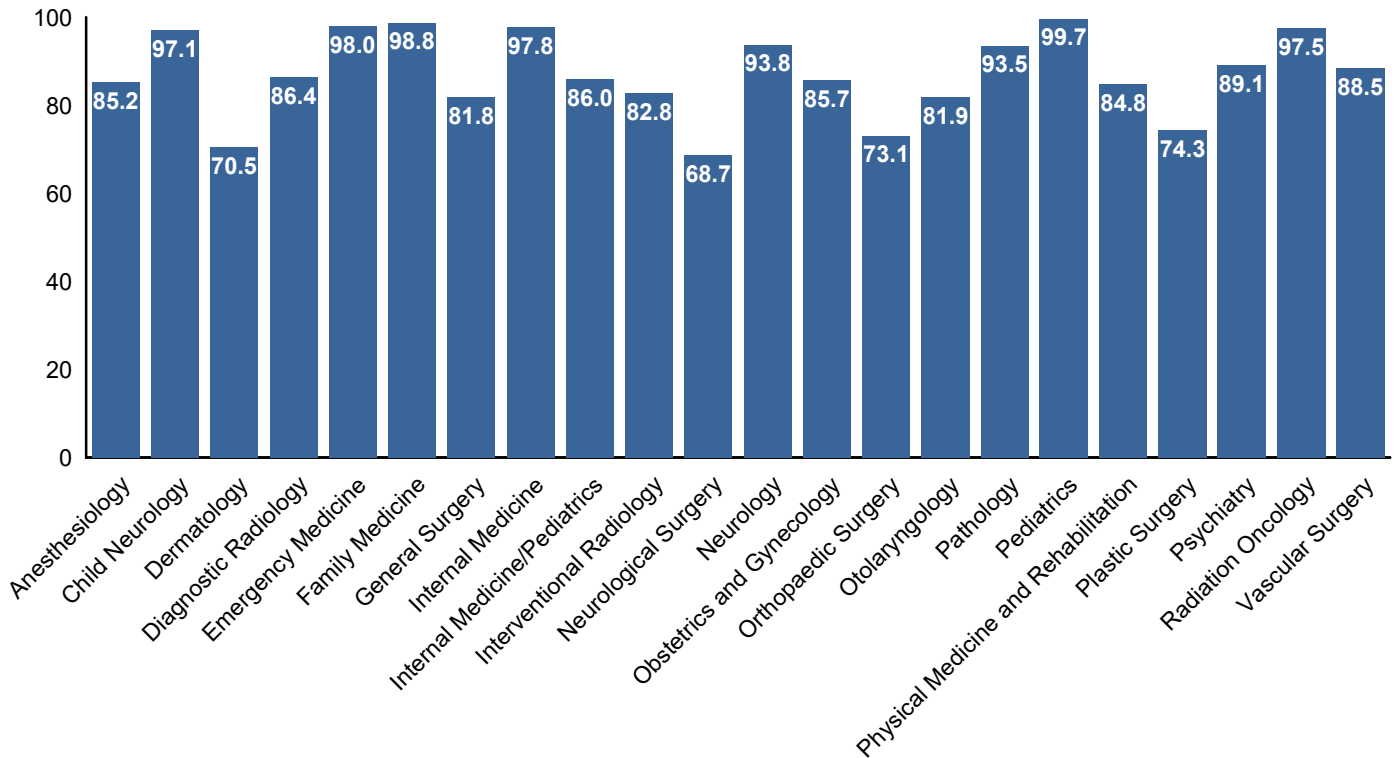


Source: NRMP Data Warehouse

Chart 2 shows the ratios of U.S. MD seniors and all applicants who preferred each specialty to available positions in that specialty. All specialties except Dermatology, Internal Medicine/Pediatrics, Neurological Surgery, Orthopaedic Surgery, Otolaryngology, and Plastic Surgery had enough positions to accommodate all U.S. MD seniors who preferred that specialty. The ratio of U.S. MD seniors was lowest for Family Medicine, Internal Medicine, and Emergency Medicine.

**Chart
3**

**Match Rates of U.S. MD Seniors
Percent Matched by Preferred Specialty**



Source: NRMP Data Warehouse

Chart 3 shows the percentages of U.S. MD seniors who matched to their preferred specialty. Overall, 89.8 percent of U.S. MD seniors matched to their preferred specialty, ranging from a high of 99.7 percent (Pediatrics) to a low of 68.7 percent (Neurological Surgery).

Table 2 **Summary Statistics on U.S. MD Seniors**
All Specialties Combined

Measure	Matched (n=14,315)	Not Matched (n=1,558)
1. Mean number of contiguous ranks	13.2	5.8
2. Mean number of distinct specialties ranked	1.2	1.6
3. Mean USMLE Step 1 score*	233	225
4. Mean USMLE Step 2 CK score	250	242
5. Mean number of research experiences	3.7	4.3
6. Mean number of abstracts, presentations, and publications	10.0	11.0
7. Mean number of work experiences	1.9	2.3
8. Mean number of volunteer experiences	4.5	4.9
9. Percentage who are AOA members	17.1	8.9
10. Percentage who graduated from one of the 40 U.S. medical schools with the highest NIH funding	30.5	22.6
11. Percentage who have Ph.D. degree	3.8	3.1
12. Percentage who have another graduate degree	19.2	23.8

Sources. NRMP Data Warehouse; Top 40 U.S. medical schools with the highest NIH funding in measure 10 is from the NIH website (<http://report.nih.gov/award/index.cfm>).

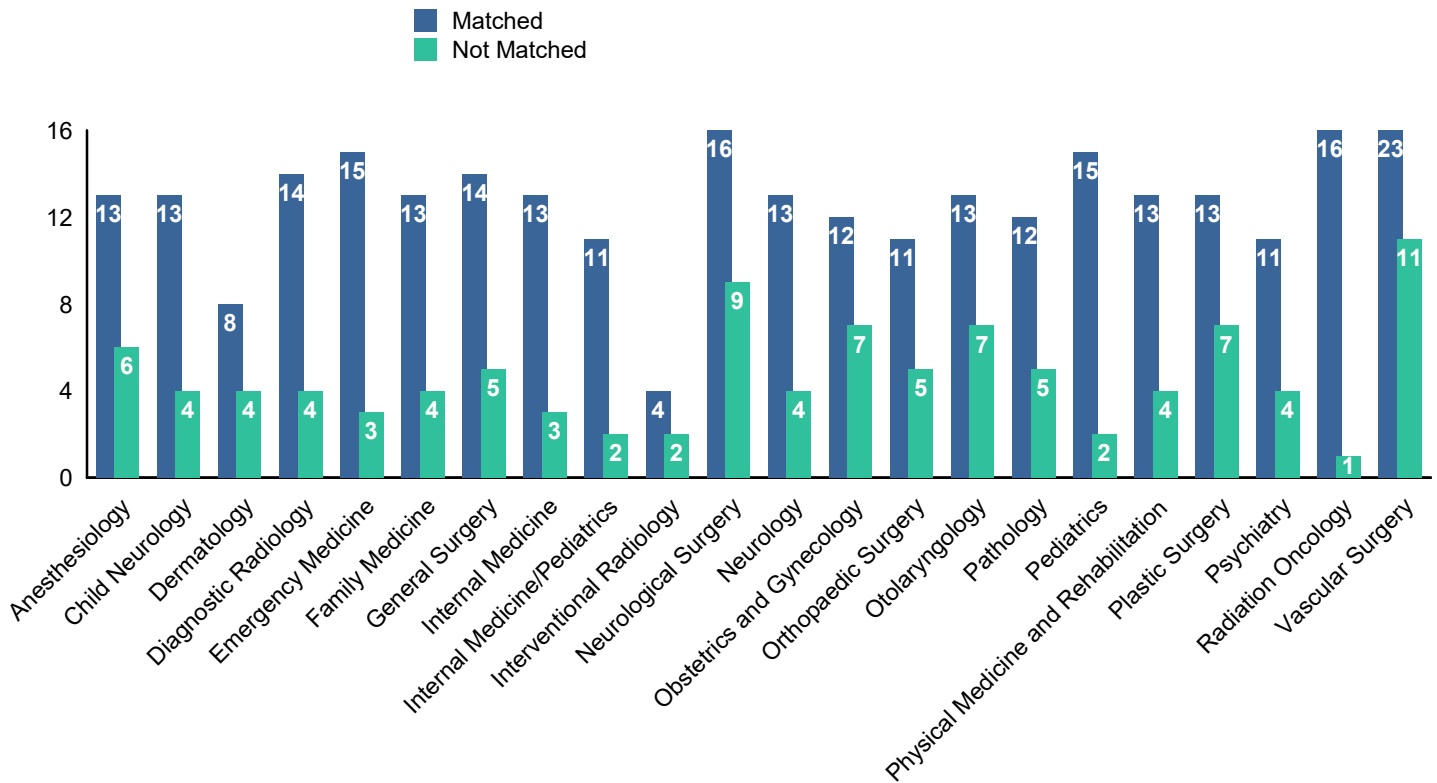
* Only applicants who indicated completion of the USMLE Step 1 exam prior to the transition to pass/fail (i.e., prior to January 26, 2022) had the option to self-report their Step 1 numeric score. In 2024, only 2,143 U.S. MD seniors self-reported Step 1 numeric scores.

Table 2 provides summary statistics for all specialties by Match outcome on the 12 measures presented in this report. Data for table items 3-9, 11 & 12 were self-reported by applicants during the Main Residency Match registration process. Data on each of these measures are displayed graphically by preferred specialty on the following pages. Only U.S. MD seniors who gave consent to provide their academic information for use in research are included in this table and the rest of the report. When interpreting data on USMLE Step 1 scores, it is important to note that due to the transition from numeric scores to pass/fail, only 2,143 U.S. MD seniors self-reported their Step 1 numeric score in 2024.

Compared to U.S. MD seniors who did not match, those who matched had higher mean numbers of contiguous ranks, USMLE Step 1 scores, and USMLE Step 2 CK scores as well as higher percentages of applicants who are AOA members, graduated from one of the 40 U.S. medical schools with highest NIH funding, and have a Ph.D. Those who did not match had higher mean numbers of research experiences as well as higher percentages of applicants who have a graduate degree other than a Ph.D.

**Chart
4**

**Median Number of Contiguous Ranks of U.S. MD Seniors
by Preferred Specialty and Match Status**



Source: NRMP Data Warehouse

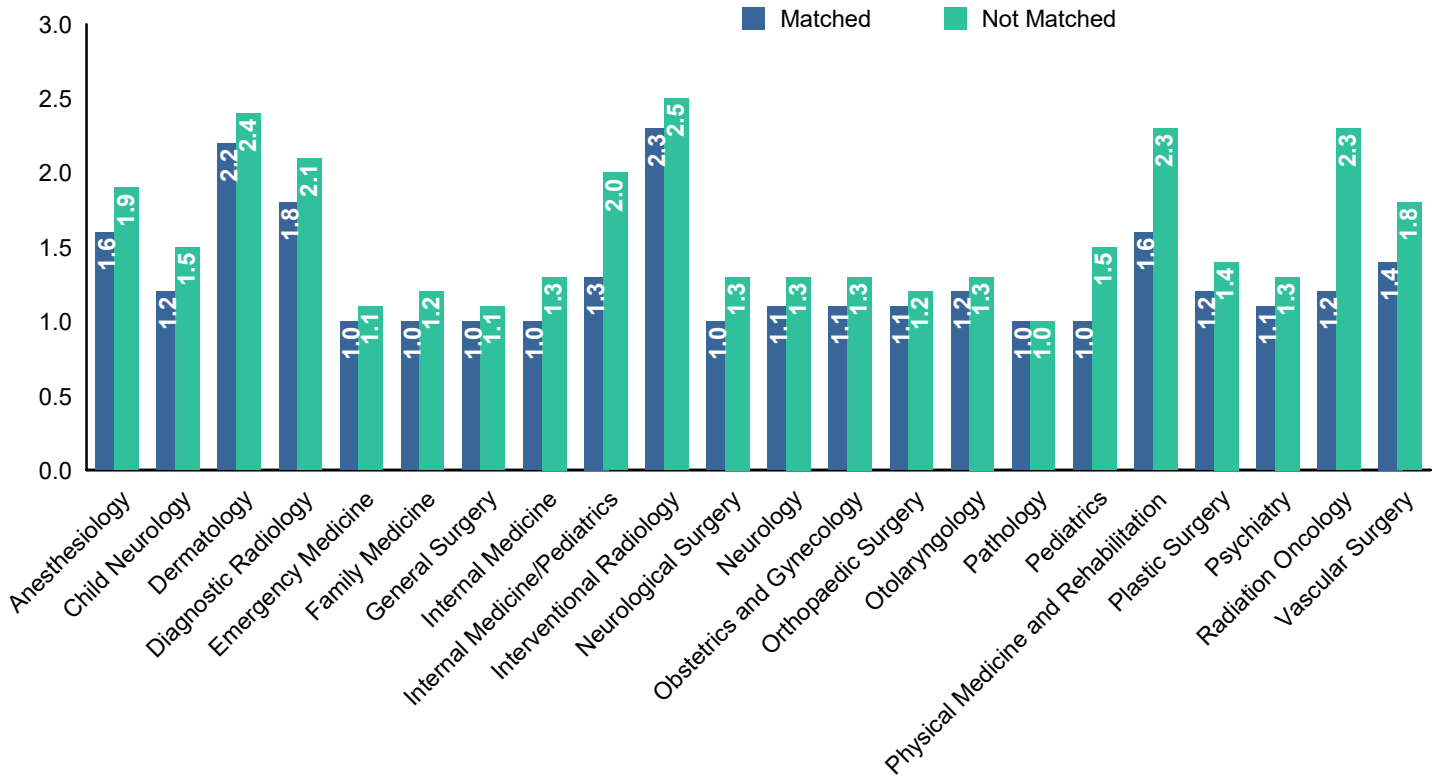
In general, applicants are more likely to be successful if they rank more programs in their desired specialty. To quantify this aspect of applicant behavior, we tallied the number of programs ranked in the first-choice specialty before a program in another specialty appeared on the applicant's rank order list (i.e., number of contiguous ranks).

Chart 4 displays the median number of contiguous ranks by preferred specialty for U.S. MD seniors who matched and did not match to their preferred specialty. The chart shows some variation across the specialties for U.S. MD seniors. Vascular Surgery had the longest average contiguous rank list (23) for matched U.S. MD seniors while Interventional Radiology had the shortest (4). For all specialties, U.S. MD seniors who matched to their preferred specialty had median contiguous rank lists that were longer than those of U.S. MD seniors who did not match.

The principal message is that applicants with longer rank order lists are more successful than those with shorter ones. Some applicants may have shorter lists because they found only a few programs willing to entertain their applications and extend interview offers.

**Chart
5**

**Mean Number of Different Specialties Ranked by U.S. MD Seniors
by Preferred Specialty and Match Status**

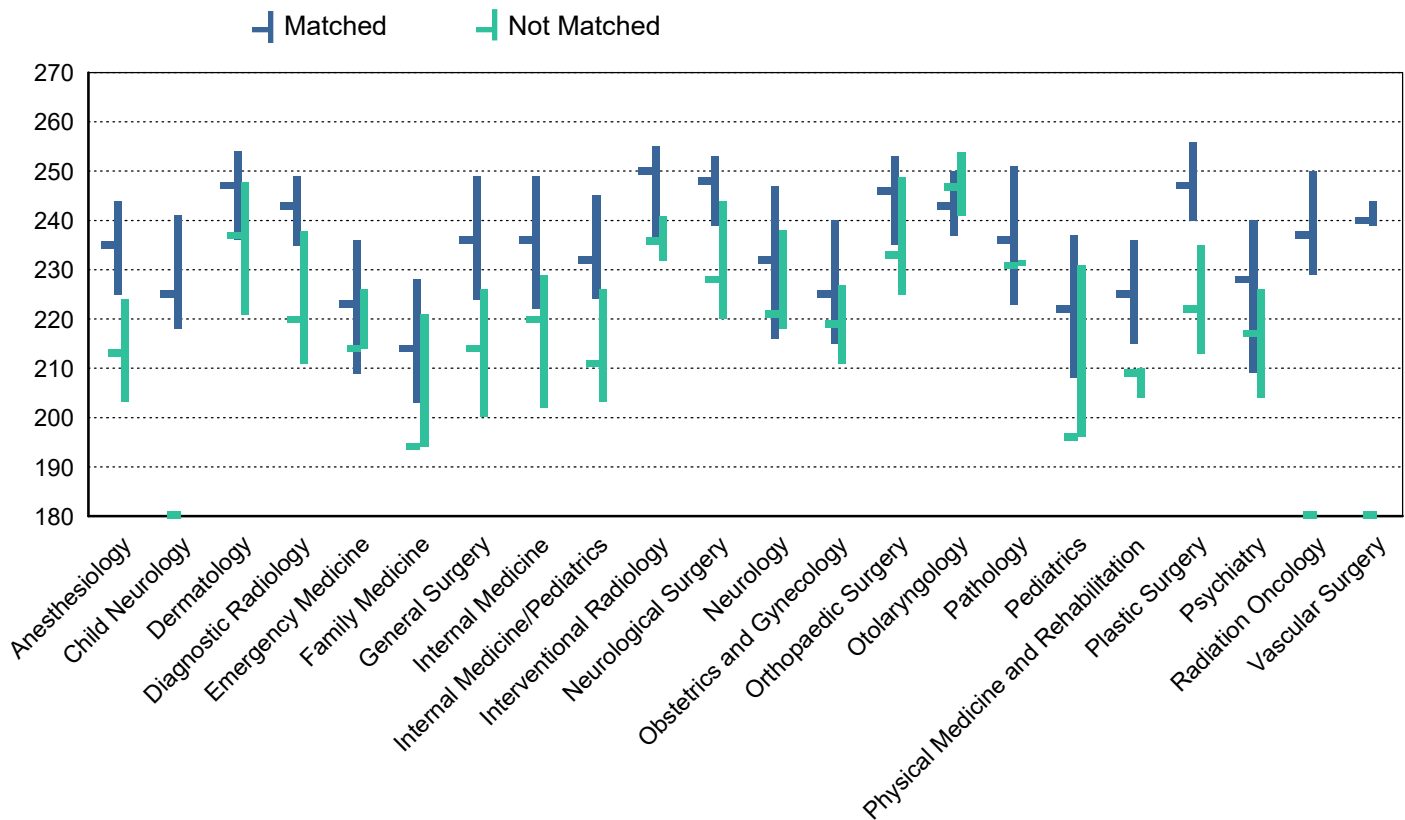


Source: NRMP Data Warehouse

Some applicants are interested in a single specialty while others consider two or more. Chart 5 displays the average number of different specialties ranked by preferred specialty and Match outcome. For all specialties except Pathology, U.S. MD seniors who did not match to their preferred specialty had a higher mean number of different specialties ranked.

**Chart
6**

**USMLE Step 1 Scores of U.S. MD Seniors
by Preferred Specialty and Match Status**



Source: NRMP Data Warehouse

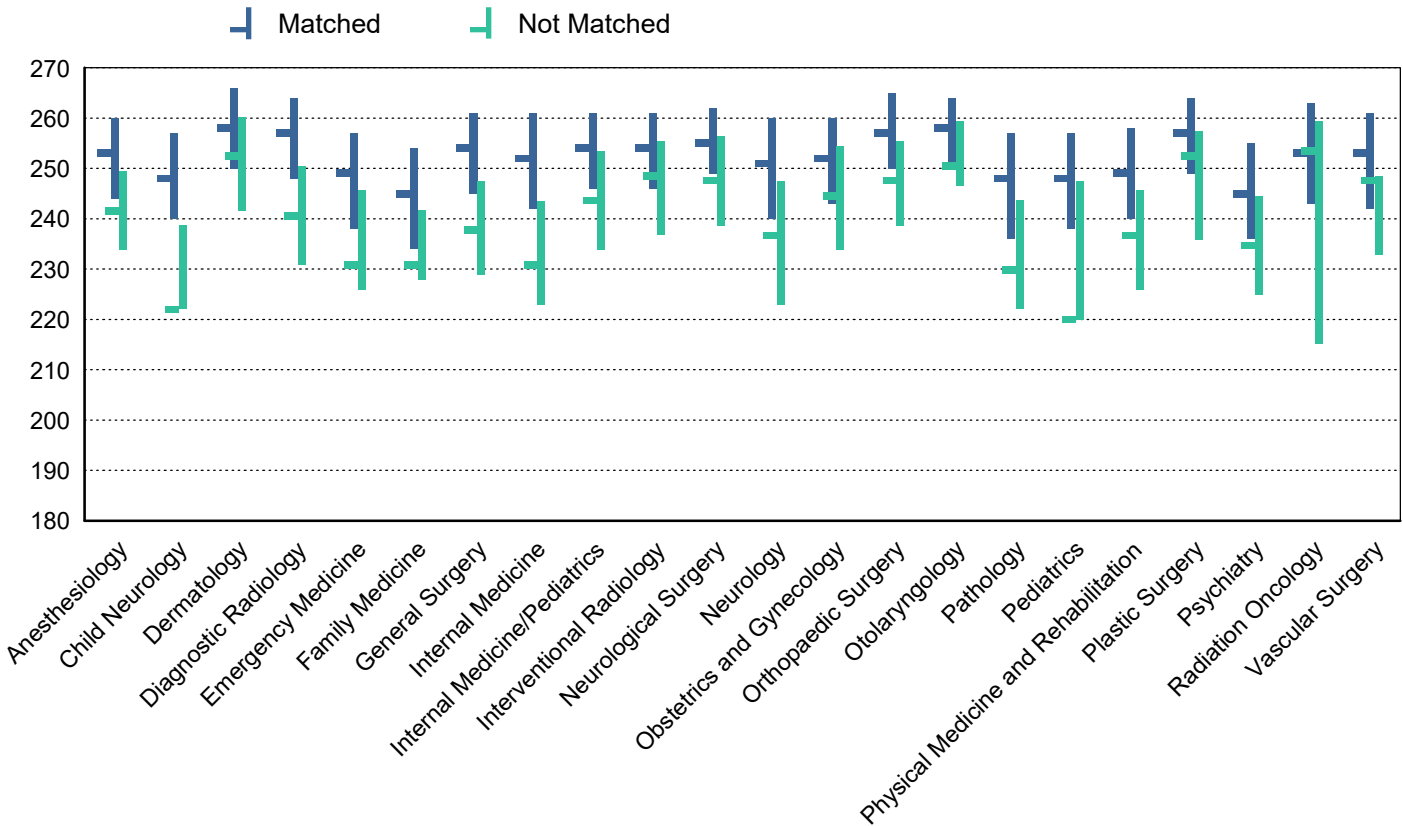
The USMLE Step 1 exam aims to measure a student’s understanding of important basic science concepts and the ability to apply that knowledge to the practice of medicine. USMLE Step 1 exams taken prior to January 26, 2022 produced a numeric score. From this date forward, Step 1 exam results transitioned to pass/fail, resulting in numeric score information not being available to applicants nor programs. In 2024, 2,143 (13.3%) of U.S. MD seniors self-reported Step 1 scores from exams taken prior to the transition. The results presented in Chart 6 and below should be interpreted with this in mind.

Overall, U.S. MD seniors who matched to their preferred specialty in this limited dataset have *mean* USMLE Step 1 scores of 233.2 (s.d. = 18.4). Chart 6 displays the Step 1 scores for U.S. MD seniors by specialty and match status. The horizontal bars are the *median* values and the vertical lines show the interquartile ranges (IQR, the range of scores for applicants excluding the top and bottom quarters of the distribution). Scores are generally higher for the more competitive specialties, but there is substantial overlap when specialties are compared.

Across all specialties except Otolaryngology, the IQR of U.S. MD seniors who matched to their preferred specialties was higher than that of those who did not match.

**Chart
7**

**USMLE Step 2 CK Scores of U.S. MD Seniors
by Preferred Specialty and Match Status**



Source: NRMP Data Warehouse

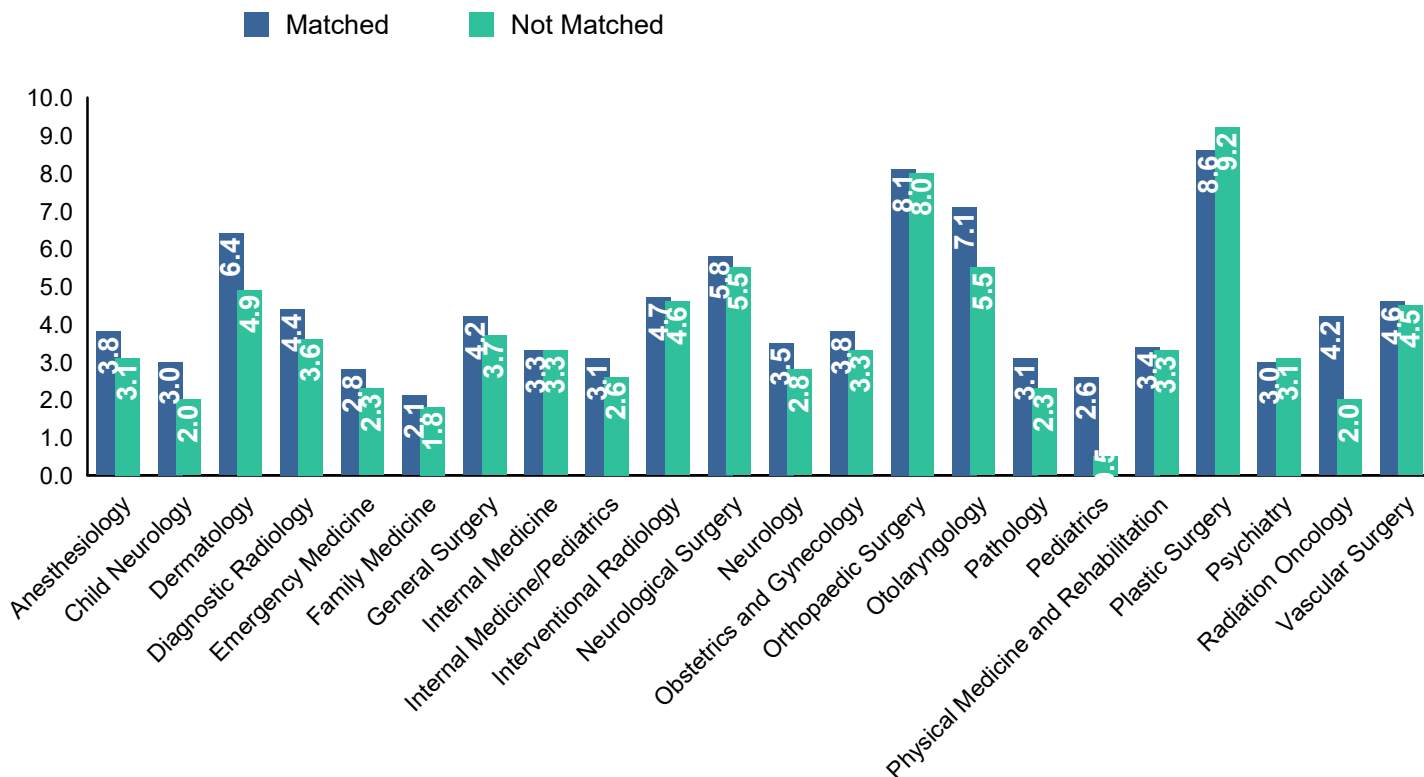
USMLE Step 2 CK scores are a measure of an applicant’s ability to apply the medical knowledge, skills, and understanding of clinical science essential for providing patient care. Overall, U.S. MD seniors who matched to their preferred specialty had *mean* USMLE Step 2 CK scores of 250.4 (s.d. = 13.2), well above the 2024 minimum passing score of 214. Step 2 CK scores were available for 98.4 percent of U.S. MD seniors who consented to provide this information.

Chart 7 shows the Step 2 CK scores for U.S. MD seniors by preferred specialty and match status. The horizontal bars are the *median* values, and the vertical bars show the interquartile ranges. As was the case for the Step 1 scores, the more competitive specialties have higher average Step 2 CK scores, but the overall variation is smaller.

Across all specialties, the IQR of U.S. MD seniors who matched to their preferred specialties was higher than that of those who did not match.

**Chart
8**

**Mean Number of Research Experiences of U.S. MD Seniors
by Preferred Specialty and Match Status**

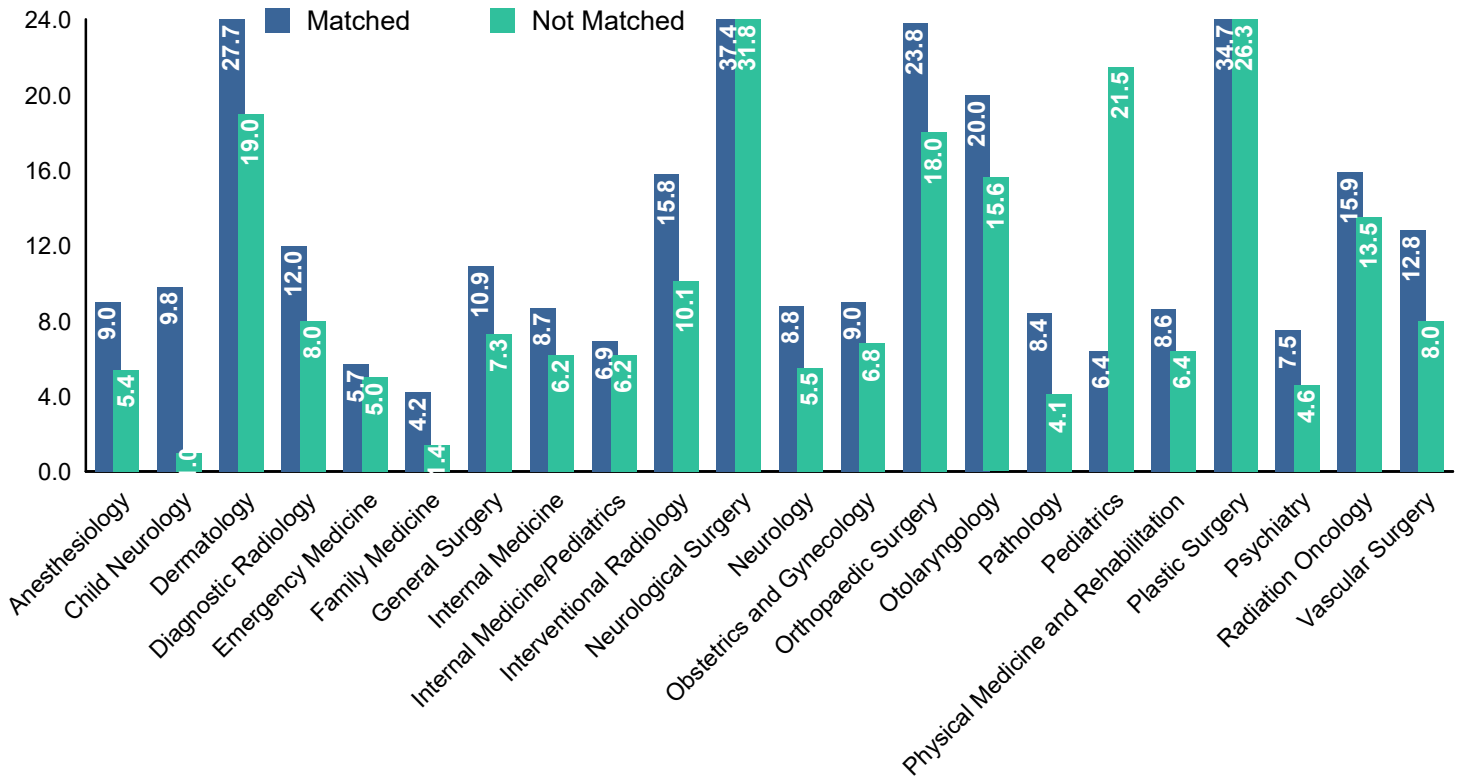


Source: NRMP Data Warehouse

Applicants were asked to report the number of research experiences entered into their applications. The experiences are not verified or evaluated and quality may vary greatly. Chart 8 shows the average number of research experiences by preferred specialty and Match outcome. U.S. MD seniors averaged 3.8 research experiences, with 85.1 percent reporting this information. For all specialties except Plastic Surgery and Psychiatry, matched U.S. MD seniors had on average more or equal numbers of research experiences compared to those who did not match.

**Chart
9**

**Mean Number of Abstracts, Presentations, and Publications of U.S. MD Seniors
by Preferred Specialty and Match Status**



Source: NRMP Data Warehouse

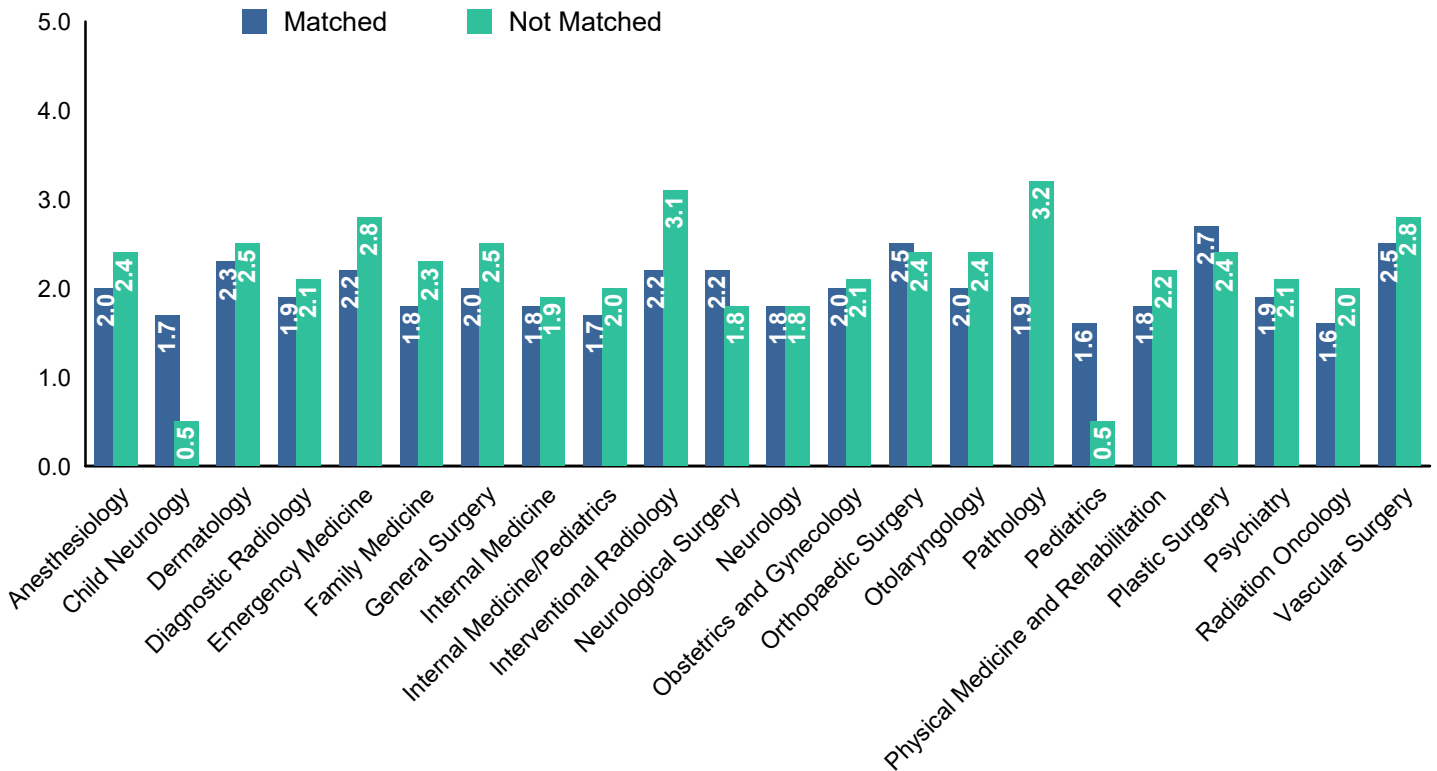
Applicants were asked to list the number of abstracts, presentations, and publications they reported in their applications. This information is self-reported and may include peer reviewed articles, abstracts, poster sessions, and invited national or regional presentations. Some residency programs may independently verify and even review publications for applicants in whom they have an interest, but most probably do not.

Many applicants report abstracts, presentations, or publications, sometimes dozens or even hundreds. In the individual specialty sections, we distinguish between no (0) publications, 1 to 5 publications, and more than 5 publications. Chart 9 shows the average number of publications by preferred specialty and match status.

U.S. MD seniors averaged 10.2 abstracts, presentations, and publications, with 85.9 percent reporting this information. Matched U.S. MD seniors had a higher mean number of abstracts, presentations, and publications in all specialties except in Pediatrics compared to those who did not match.

**Chart
10**

**Mean Number of Work Experiences of U.S. MD Seniors
by Preferred Specialty and Match Status**

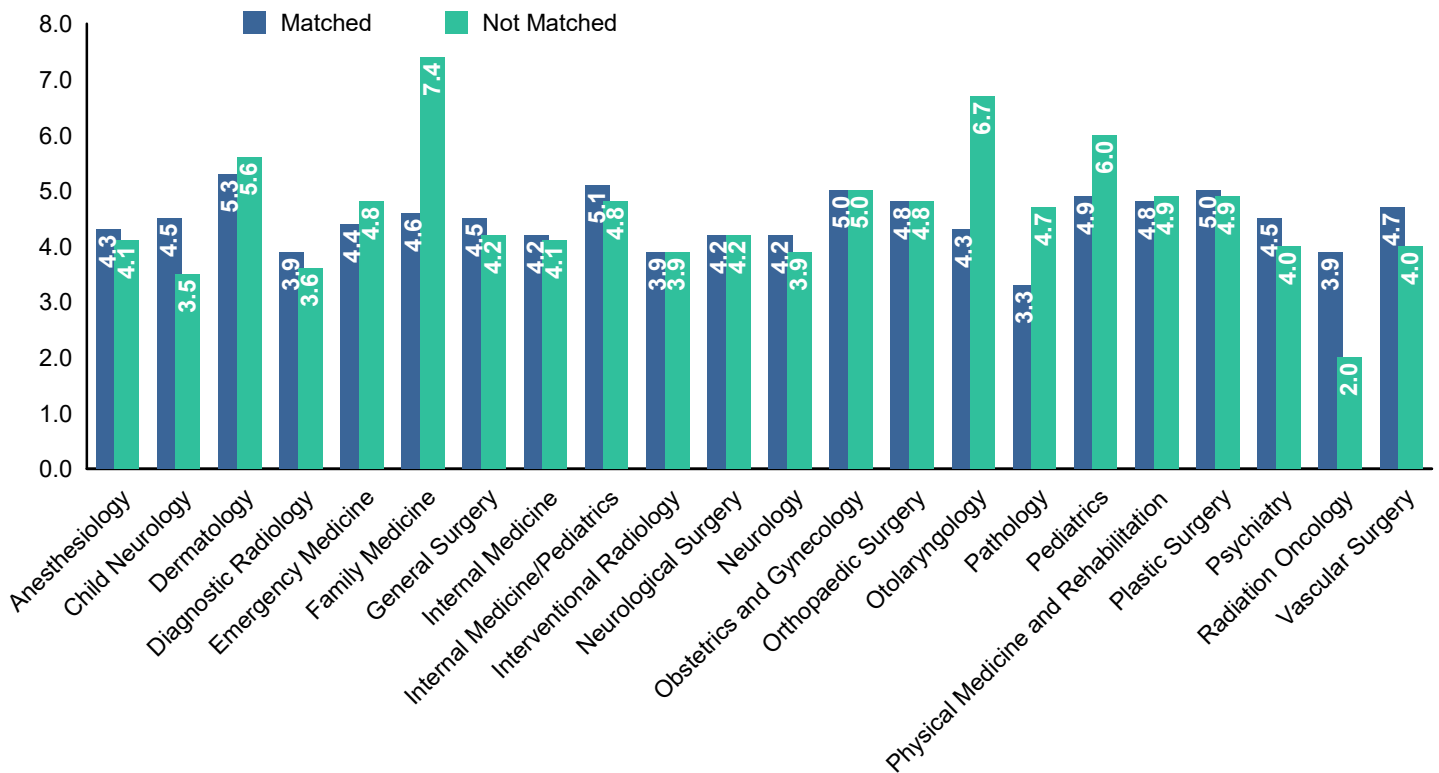


Source: NRMP Data Warehouse

Applicants were asked to list the number of work experiences they reported in their application. Chart 10 shows the average number of work experiences by preferred specialty and match status. There is little variation across specialties or within specialties (matched or not matched) for U.S. MD seniors. 83.9 percent of U.S. MD seniors reported work experiences, with an average of 2.0 work experiences for all U.S. MD seniors. Differences in mean number of work experiences are small in most specialties.

**Chart
11**

**Mean Number of Volunteer Experiences of U.S. MD Seniors
by Preferred Specialty and Match Status**



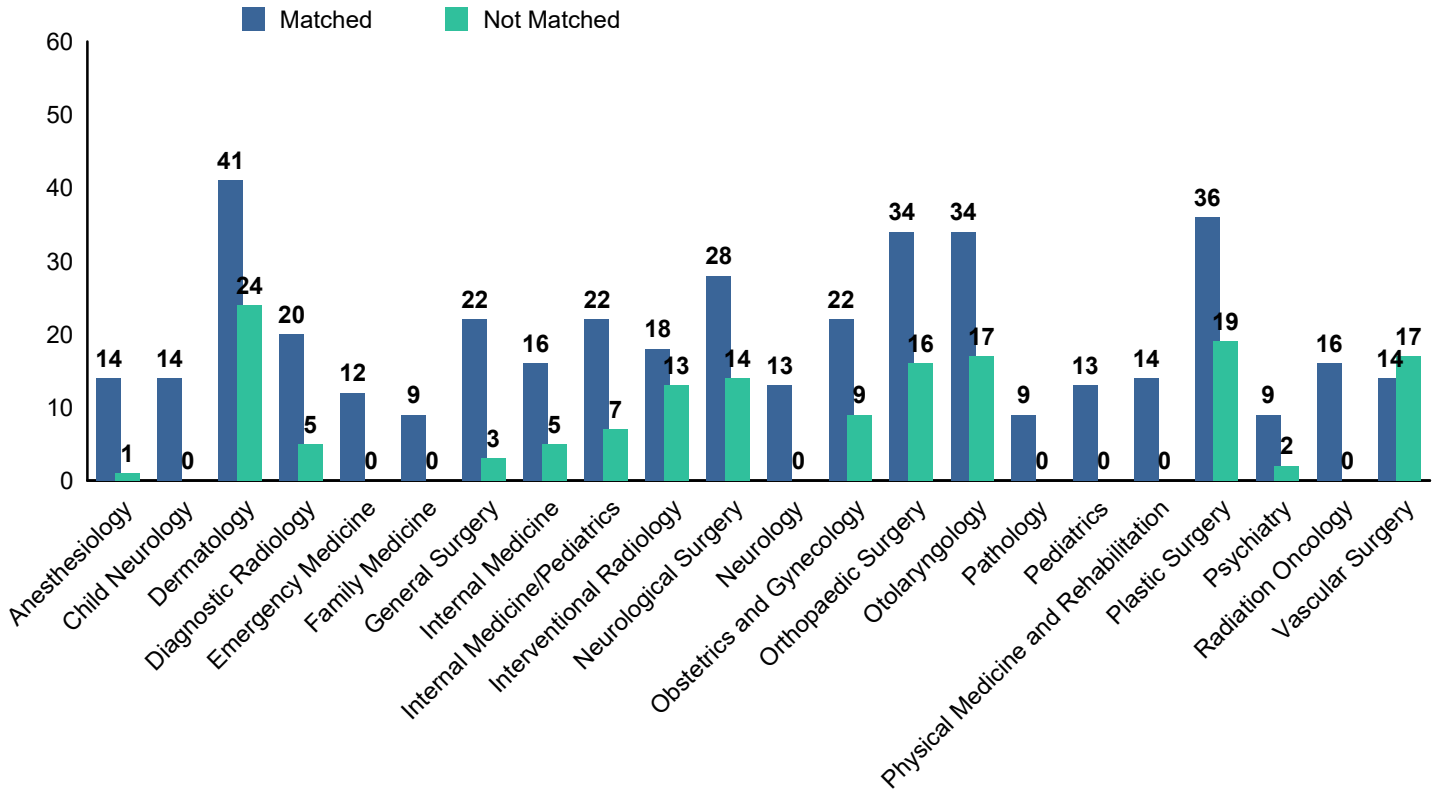
Source: NRMP Data Warehouse

One outlier was removed for Interventional Radiology. The removal of this outlier (250 volunteer experiences) reduced the overall mean among those who preferred Interventional Radiology but did not match from 15.6 to 3.9 volunteer experiences.

Applicants were asked to list the number of volunteer experiences they reported in their applications. Chart 11 displays the average number of volunteer experiences by preferred specialty and match status. Across most specialties, U.S. MD seniors who matched and did not match have similar average number of reported volunteer experiences. U.S. MD seniors averaged 4.5 volunteer experiences, with 84.4 percent reporting at least one experience.

**Chart
12**

**Percentage of U.S. MD Seniors Who Are Members of AOA
by Preferred Specialty and Match Status**



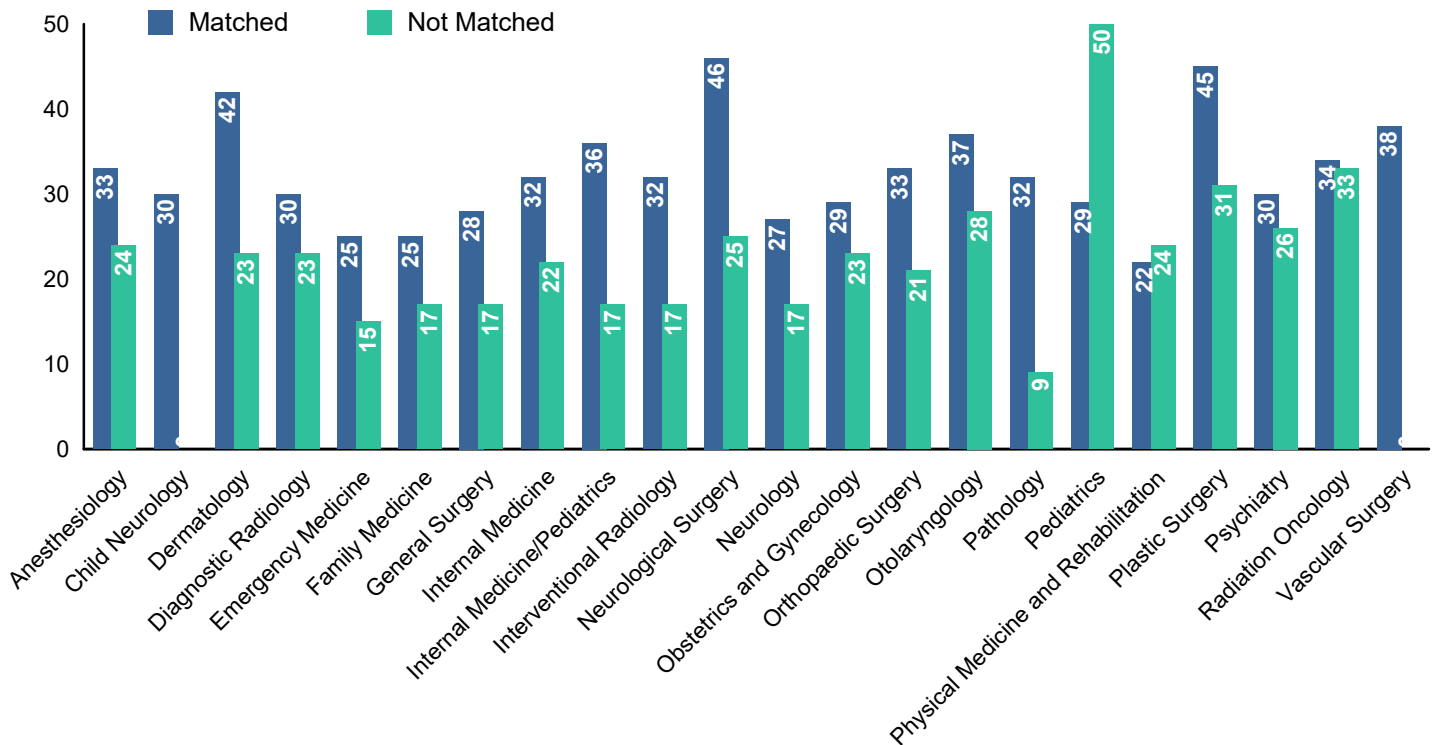
Source: NRMP Data Warehouse

Membership in Alpha Omega Alpha (AOA) Honor Medical Society is an honor reserved for students with high academic achievement. AOA membership is limited to students in medical schools that sponsor an AOA chapter. Most, but not all M.D. granting medical schools, in the United States participate. An analysis of its relationship with success in the Match is limited by the relatively small number of applicants who are members, by the fact that some schools do not have AOA chapters, and by the fact that other schools elect AOA members too late in the academic year for it to be considered in the application process.

Data on AOA membership are self-reported. Overall, 16.4 percent of U.S. MD seniors reported AOA membership. Among U.S. MD seniors who matched to their preferred specialty, 17.1 percent reported AOA membership, compared to 8.9 percent of unmatched applicants. In all specialties with the exception of Vascular Surgery, there were greater numbers of U.S. MD seniors who matched reporting AOA membership compared to those who did not match.

**Chart
13**

Percentage of U.S. MD Seniors Graduating from One of the 40 U.S. Medical Schools with the Highest NIH Funding* by Preferred Specialty and Match Status



Source: NRMP Data Warehouse

*NIH funding information was obtained from NIH website: <http://report.nih.gov/award/index.cfm>.

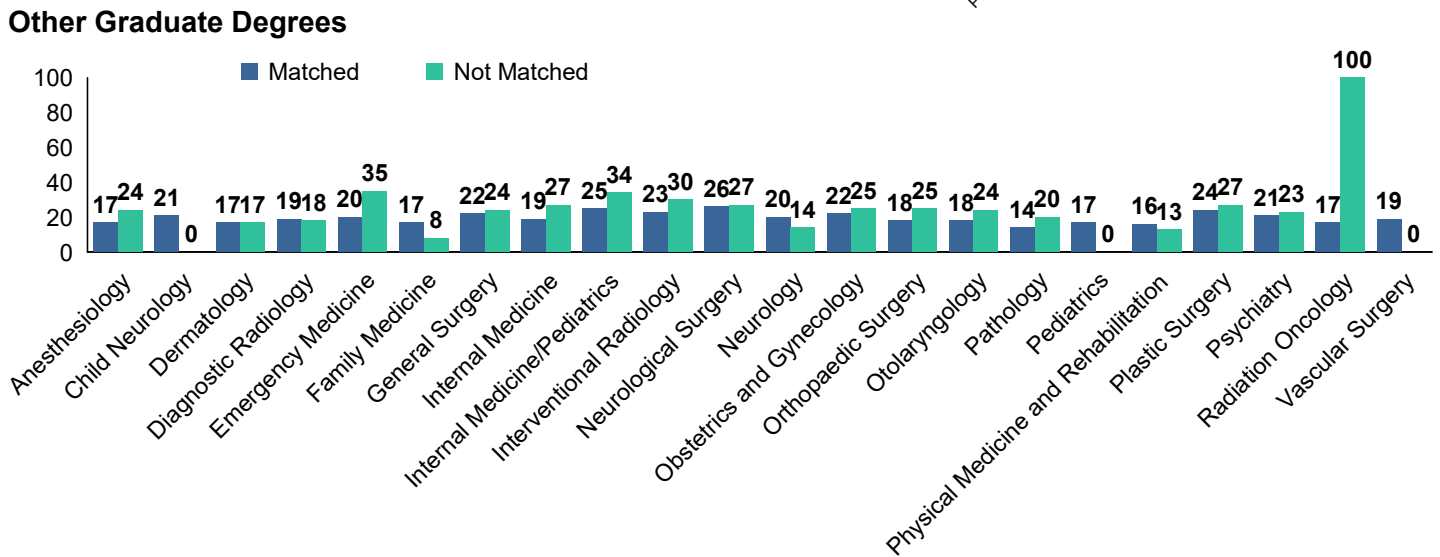
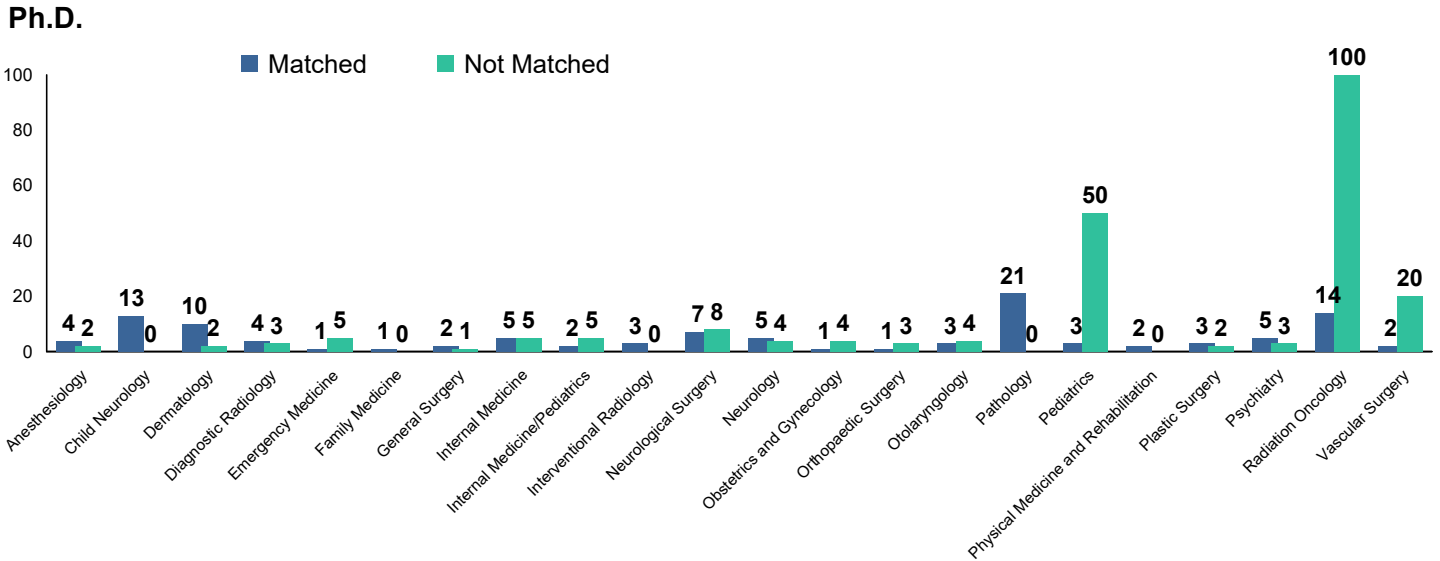
Some program directors may give preference to applicants with research experience or who graduated from a research-intensive medical school. To test that assumption, we obtained data on the amount of NIH grant awards and identified the 40 schools with the highest NIH funding. This measure, by definition, is limited to students of U.S. medical schools. Overall, 30.9 percent of matched and 23.0 percent of unmatched MD seniors were graduates of one of the 40 medical schools with the highest NIH funding.

Chart 13 shows the percentage of U.S. MD seniors who graduated from those schools by preferred specialty and Match status. For example, 33 percent of U.S. MD seniors who matched in Anesthesiology were graduates of one of the 40 medical schools with the highest NIH funding, and 24 percent of U.S. MD seniors who did not match in Anesthesiology were graduates of those schools.

Neurological Surgery had the highest percentage of matched U.S. MD seniors who were graduates of a medical school with the highest NIH funding. Plastic Surgery, Dermatology, Vascular Surgery, and Otolaryngology also had higher percentages of matched applicants from those schools compared to the other specialties. For all specialties except Pediatrics and Physical Medicine and Rehabilitation, smaller percentages of MD seniors who did not match to their preferred specialty were graduates of a medical school with the highest NIH funding compared to MD seniors who matched.

**Chart
14**

**Percentage of U.S. MD Seniors Who Have a Graduate Degree
by Preferred Specialty and Match Status**



Source: NRMP Data Warehouse

Chart 14 shows by preferred specialty and match status the percentage of U.S. MD seniors who have a Ph.D. and/or other graduate degrees. Pathology, Radiation Oncology, Child Neurology, Dermatology, and Neurological Surgery had the highest percentages of matched U.S. MD seniors with a Ph.D. degree. For most specialties, the percentage of unmatched U.S. MD seniors who have other graduate degrees was higher than that of their matched counterparts.

AN Anesthesiology

Table AN-1 **Summary Statistics on U.S. MD Seniors**
Anesthesiology

Measure	Matched (n=1,136)	Unmatched (n=191)
1. Mean number of contiguous ranks	13.7	7.0
2. Mean number of distinct specialties ranked	1.6	1.9
3. Mean USMLE Step 1 score*	234	216
4. Mean USMLE Step 2 score	252	240
5. Mean number of research experiences	3.8	3.1
6. Mean number of abstracts, presentations, and publications	9.0	5.4
7. Mean number of work experiences	2.0	2.4
8. Mean number of volunteer experiences	4.3	4.1
9. Percentage who are AOA members	14.4	0.5
10. Percentage who graduated from one of the 40 U.S. medical schools with the highest NIH funding	33.1	24.1
11. Percentage who have Ph.D. degree	3.8	1.6
12. Percentage who have another graduate degree	17.2	24.1

Note: Only U.S. MD seniors who gave consent to use their information in research are included.

*Only applicants who indicated completion of the USMLE Step 1 exam prior to the transition to pass/fail (i.e., prior to January 26, 2022) had the option to self-report their Step 1 numeric score. In 2024, only 2,143 U.S. MD seniors self-reported Step 1 numeric scores.

Sources. NRMP Data Warehouse; Top 40 U.S. medical schools with the highest NIH funding in measure 10 is from the NIH website (<http://report.nih.gov/award/index.cfm>).

Chart AN-1

**Number of Distinct Specialties Ranked by U.S. MD Seniors
Anesthesiology**

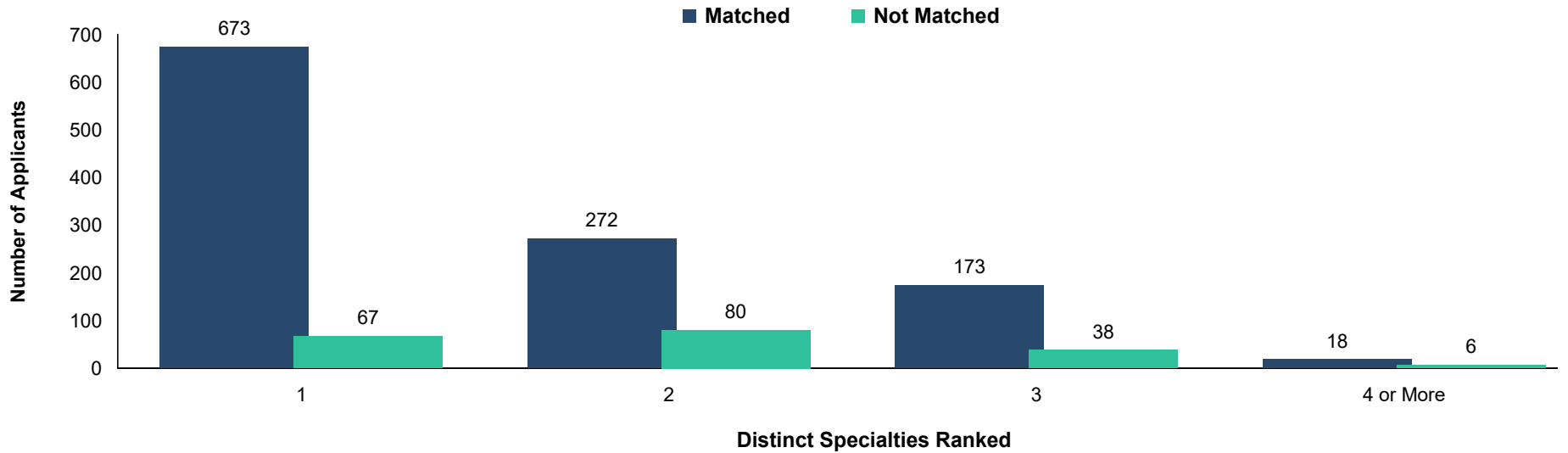
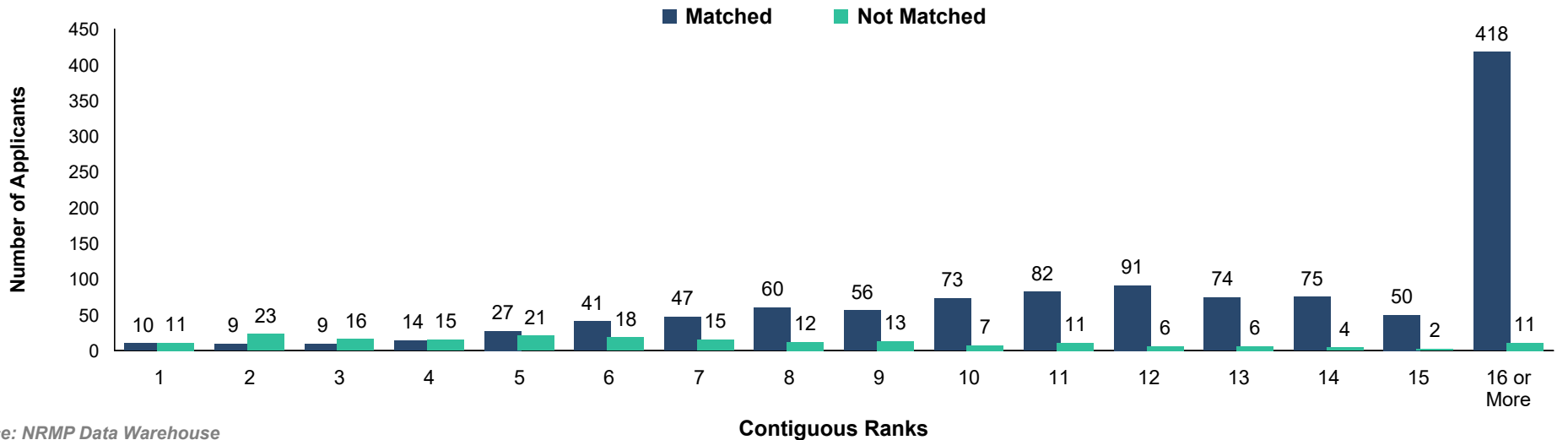


Chart AN-2

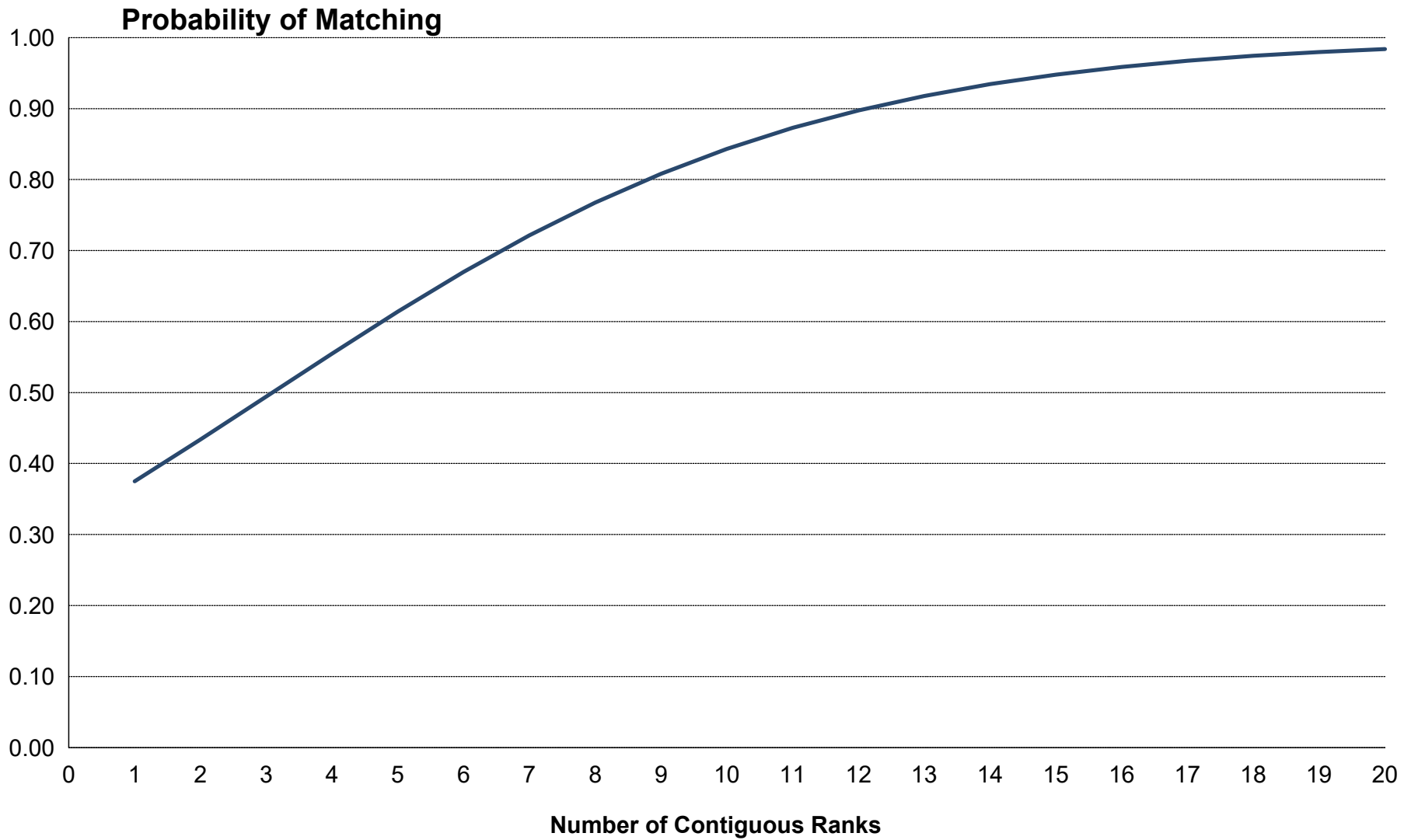
**Number of Contiguous Ranks of U.S. MD Seniors
Anesthesiology**



Source: NRMP Data Warehouse

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

Anesthesiology



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants

Chart AN-3

**USMLE Step 1 Scores of U.S. MD Seniors
Anesthesiology**

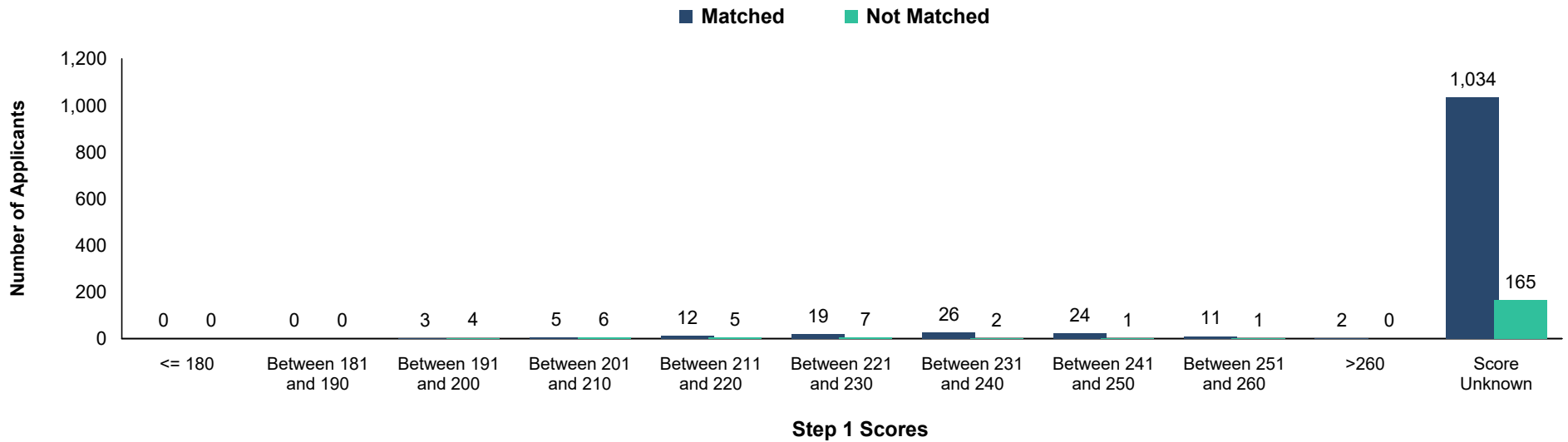
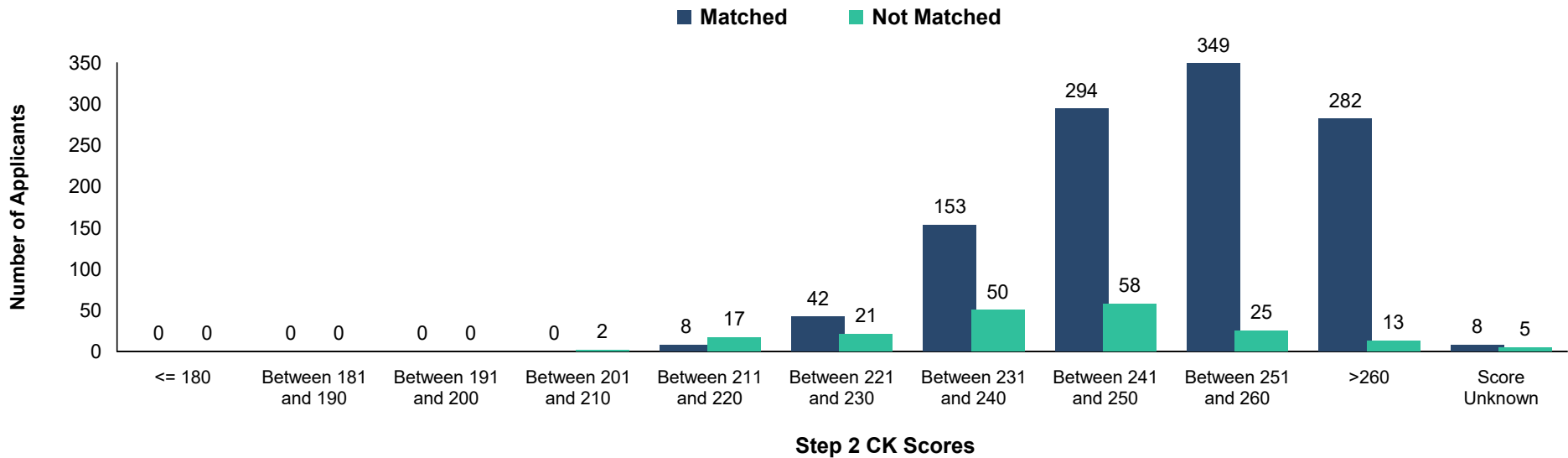


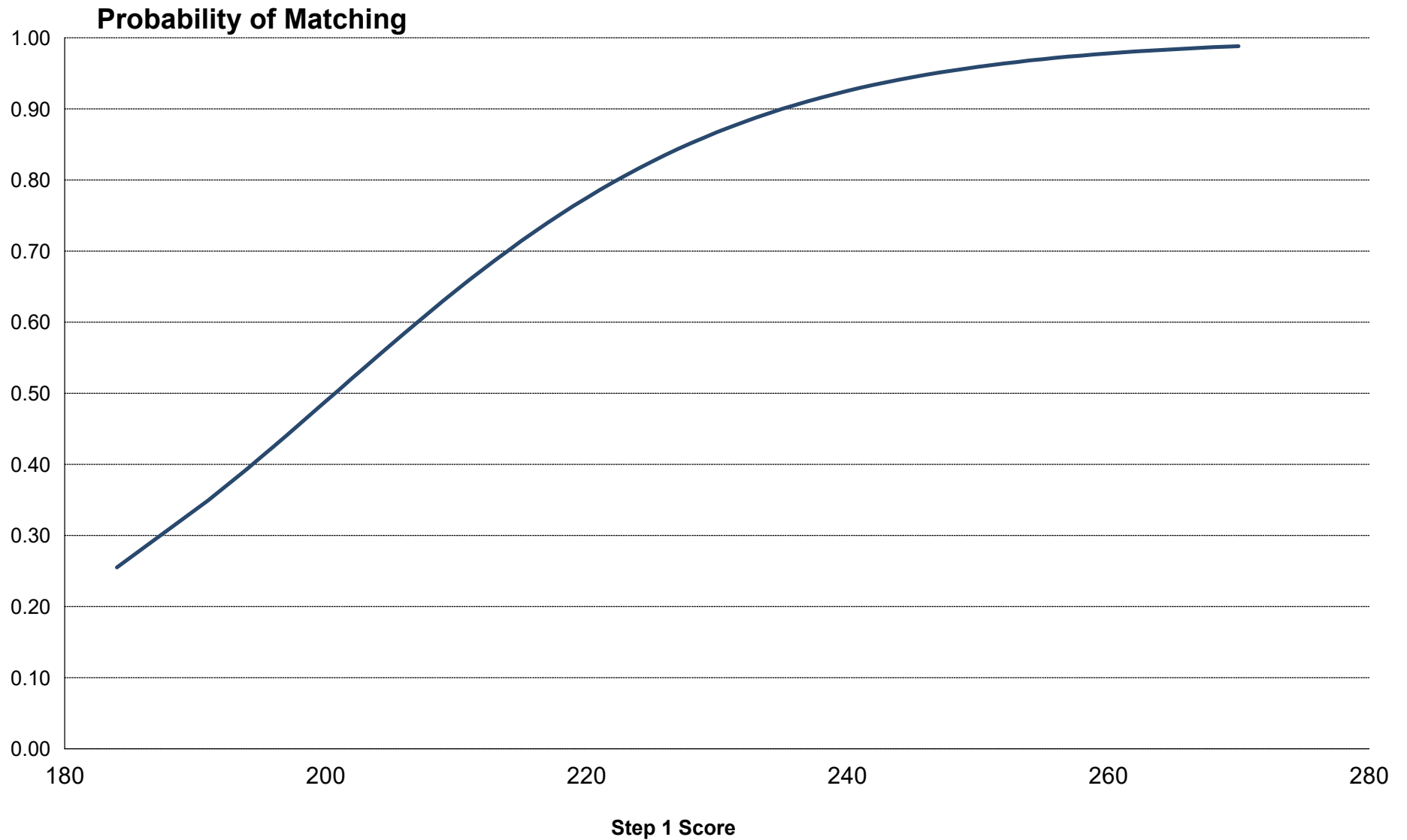
Chart AN-4

**USMLE Step 2 CK Scores of U.S. MD Seniors
Anesthesiology**



Probability of U.S. MD Seniors Matching to Preferred Specialty by USMLE Step 1 Score

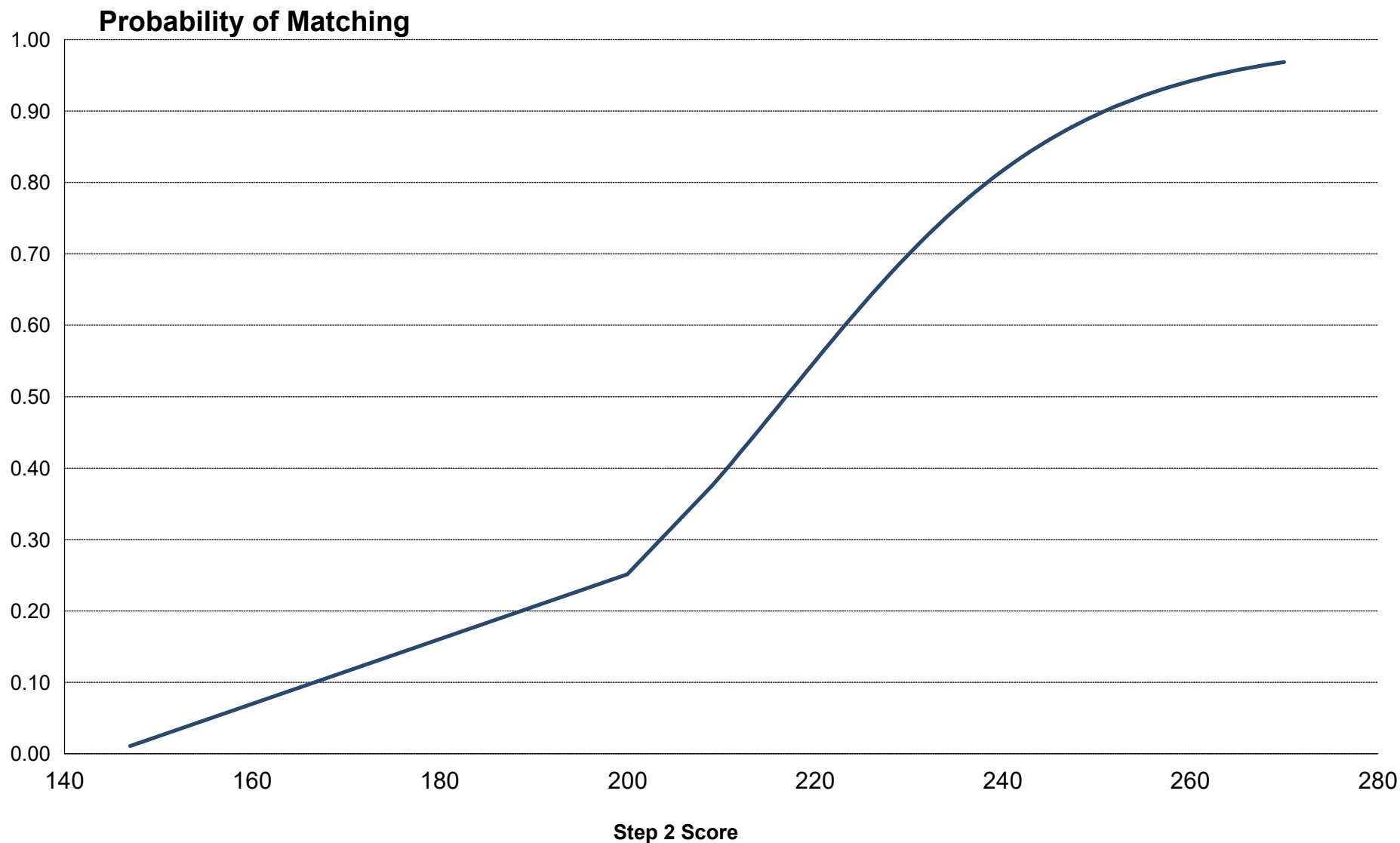
Anesthesiology



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants.

Probability of U.S. MD Seniors Matching to Preferred Specialty by USMLE Step 2 Score

Anesthesiology



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants.

Chart AN-5

Number of Research Projects of U.S. MD Seniors *Anesthesiology*

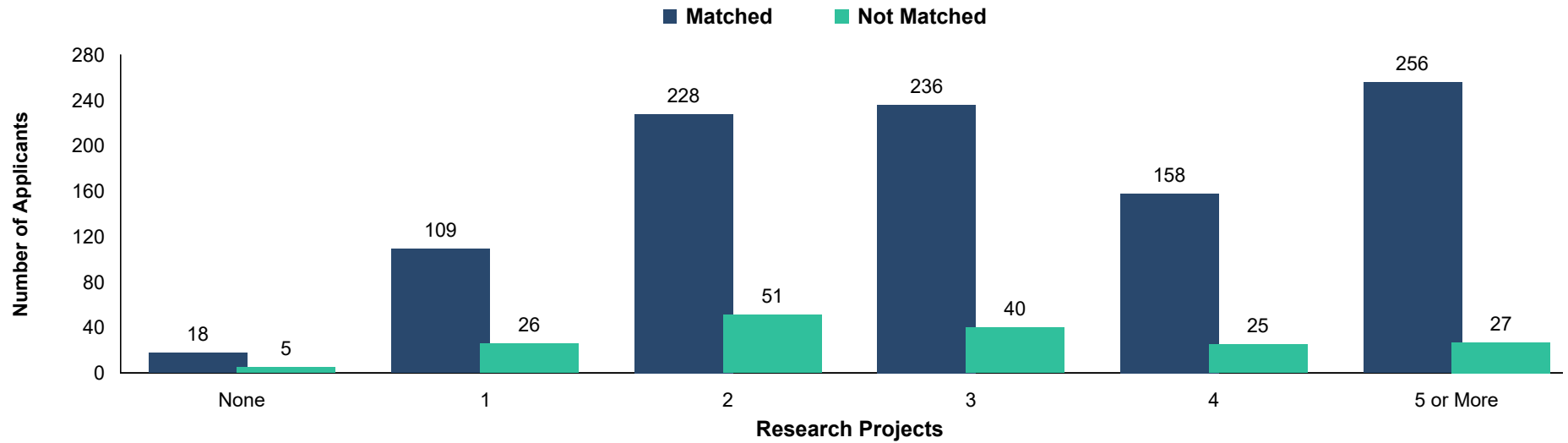
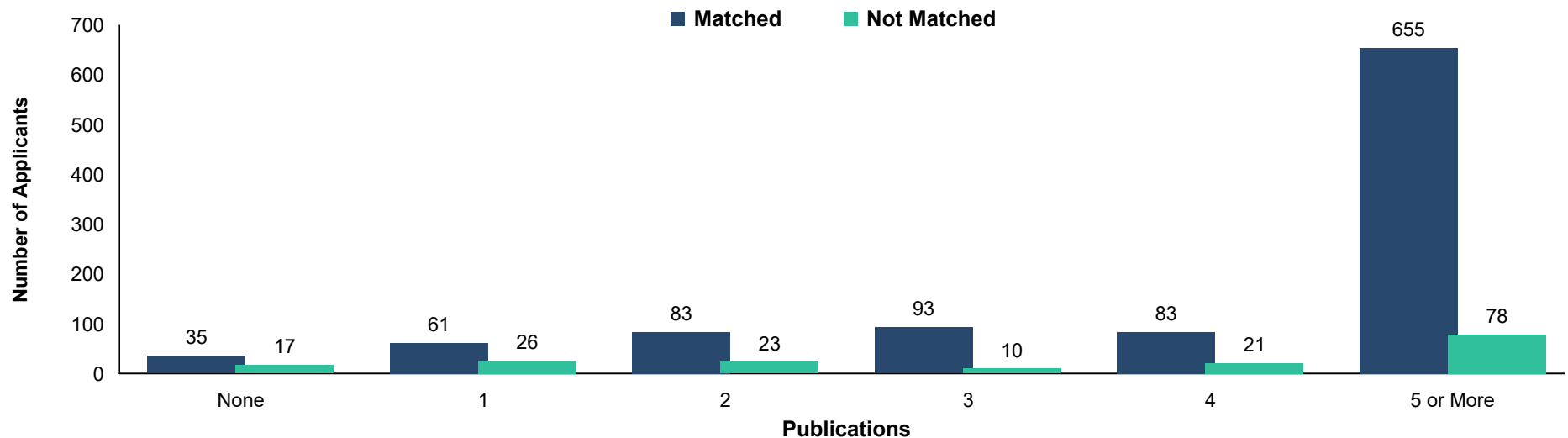


Chart AN-6

Number of Abstracts, Presentations, and Publications of U.S. MD Seniors *Anesthesiology*



Source: NRMP Data Warehouse

Chart AN-7

Number of Work Experiences of U.S. MD Seniors *Anesthesiology*

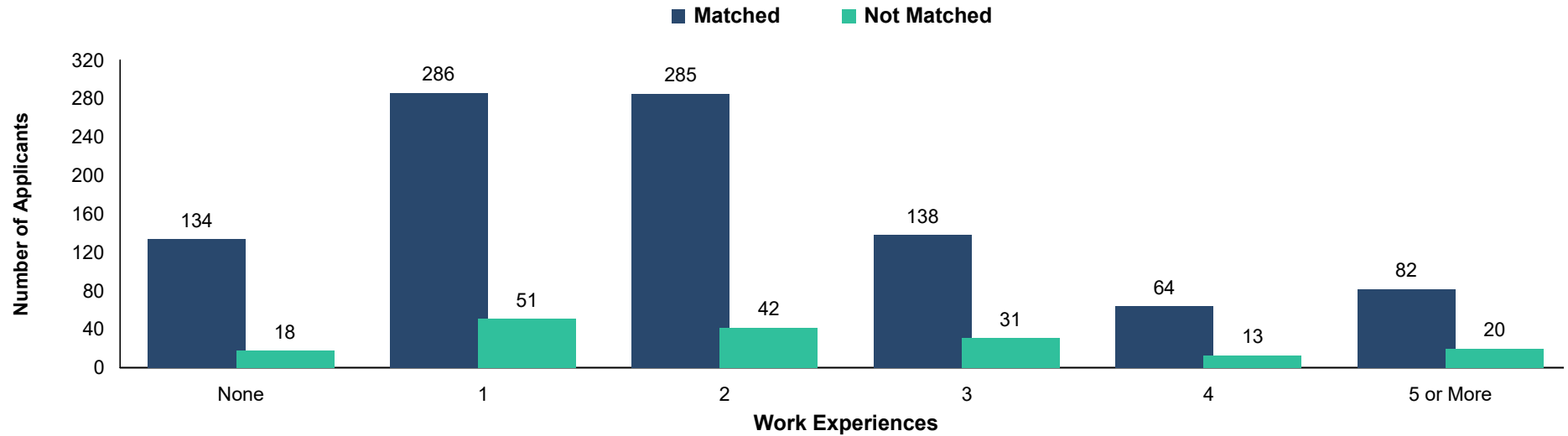
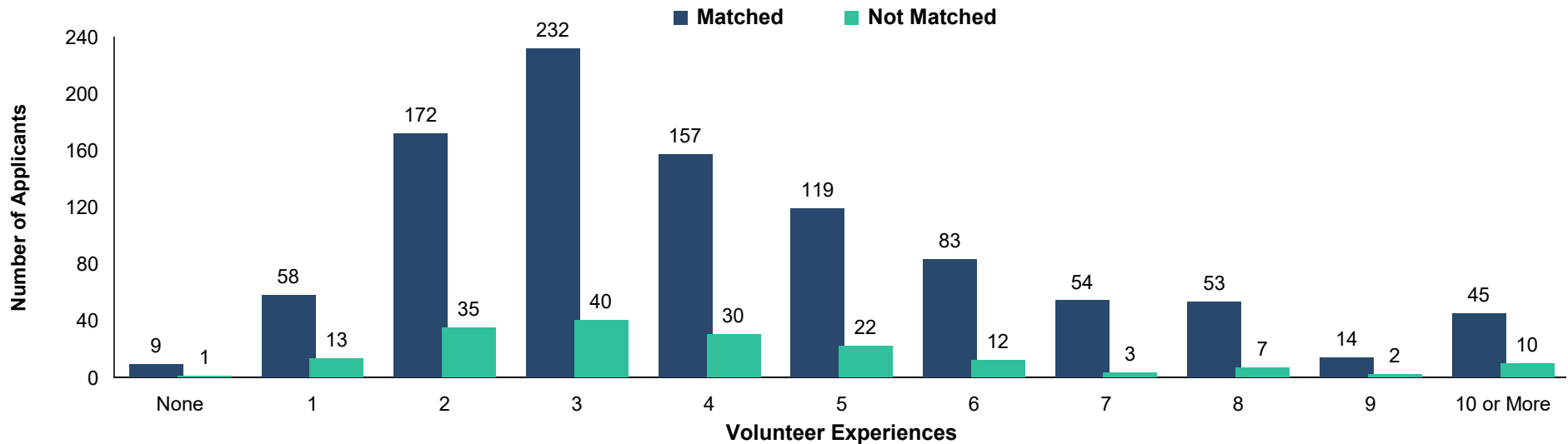


Chart AN-8

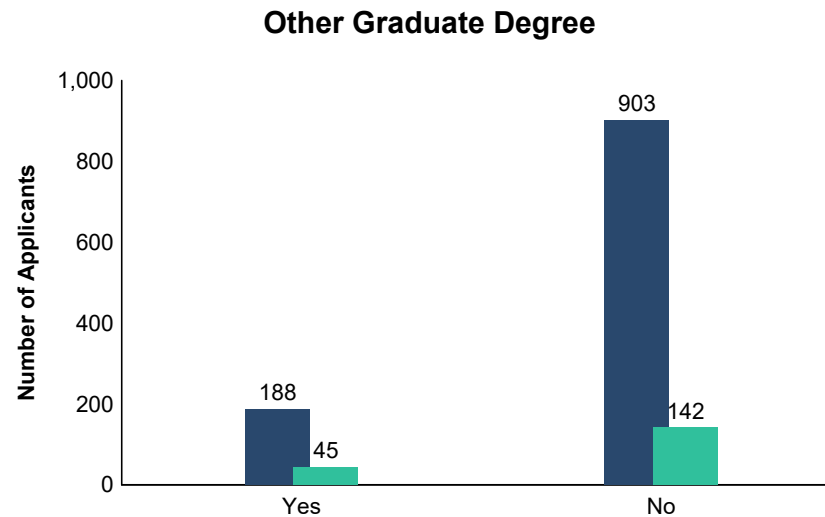
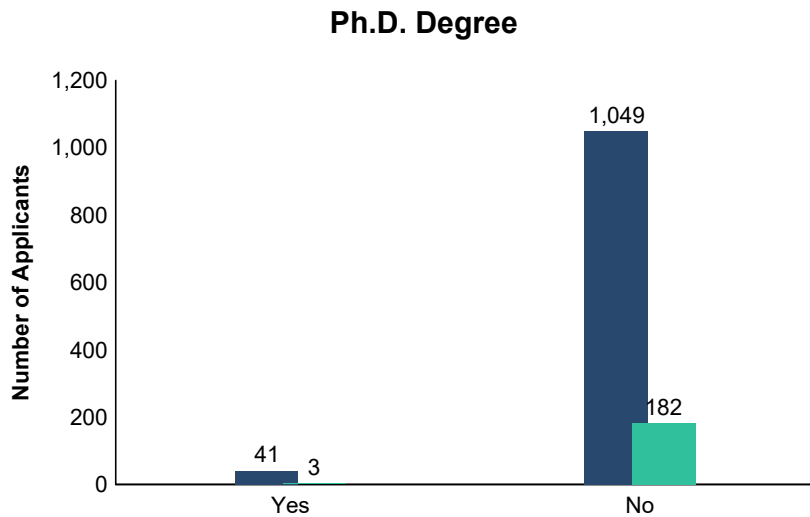
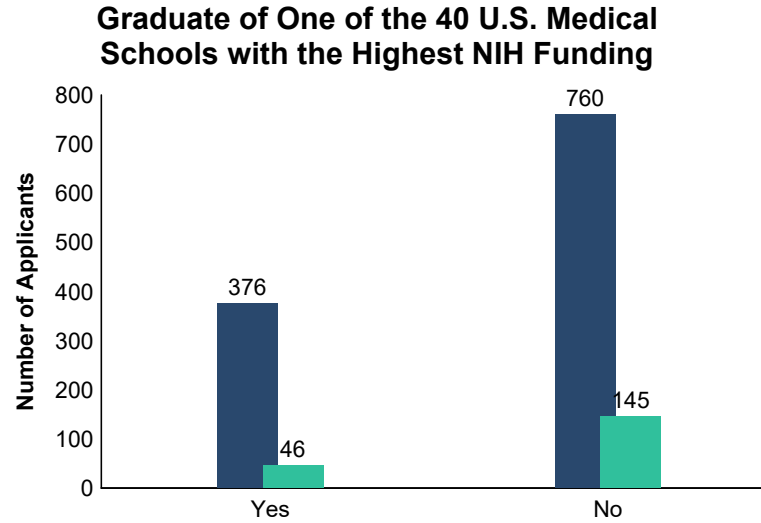
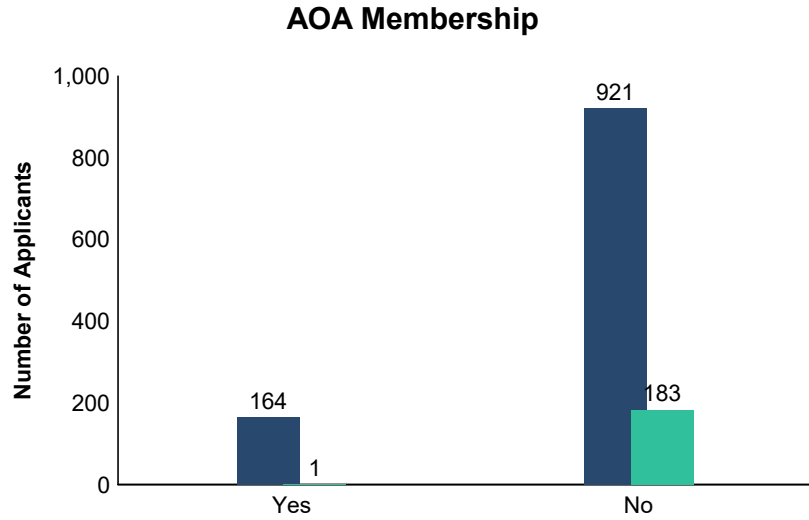
Number of Volunteer Experiences of U.S. MD Seniors *Anesthesiology*



Source: NRMP Data Warehouse

**Other Characteristics of U.S. MD Seniors
Anesthesiology**

■ Matched ■ Not Matched



Source: NRMP Data Warehouse. Top 40 U.S. medical schools with the highest NIH funding from NIH: <http://report.nih.gov/award/index.cfm>

CN Child Neurology

Table CN-1 **Summary Statistics on U.S. MD Seniors**
Child Neurology

Measure	Matched (n=115)	Unmatched (n=2)
1. Mean number of contiguous ranks	12.9	8.5
2. Mean number of distinct specialties ranked	1.2	1.5
3. Mean USMLE Step 1 score*	230	
4. Mean USMLE Step 2 score	248	230
5. Mean number of research experiences	3.0	2.0
6. Mean number of abstracts, presentations, and publications	9.8	1.0
7. Mean number of work experiences	1.7	0.5
8. Mean number of volunteer experiences	4.5	3.5
9. Percentage who are AOA members	13.9	0.0
10. Percentage who graduated from one of the 40 U.S. medical schools with the highest NIH funding	30.4	0.0
11. Percentage who have Ph.D. degree	13.4	0.0
12. Percentage who have another graduate degree	20.5	0.0

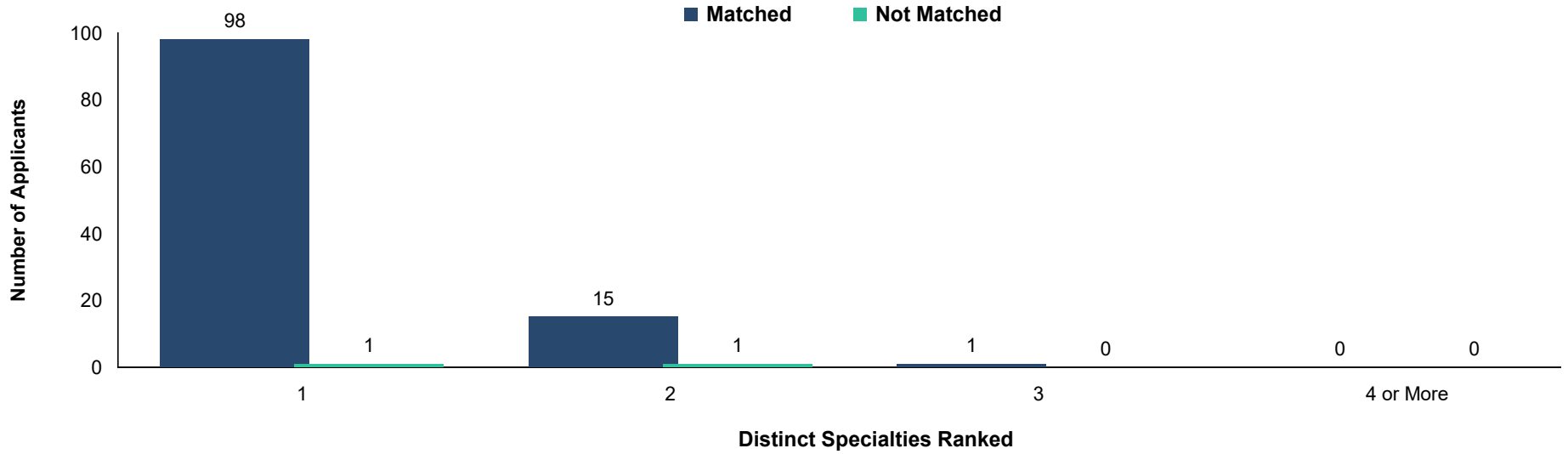
Note: Only U.S. MD seniors who gave consent to use their information in research are included.

*Only applicants who indicated completion of the USMLE Step 1 exam prior to the transition to pass/fail (i.e., prior to January 26, 2022) had the option to self-report their Step 1 numeric score. In 2024, only 2,143 U.S. MD seniors self-reported Step 1 numeric scores.

Sources. NRMP Data Warehouse; Top 40 U.S. medical schools with the highest NIH funding in measure 10 is from the NIH website (<http://report.nih.gov/award/index.cfm>).

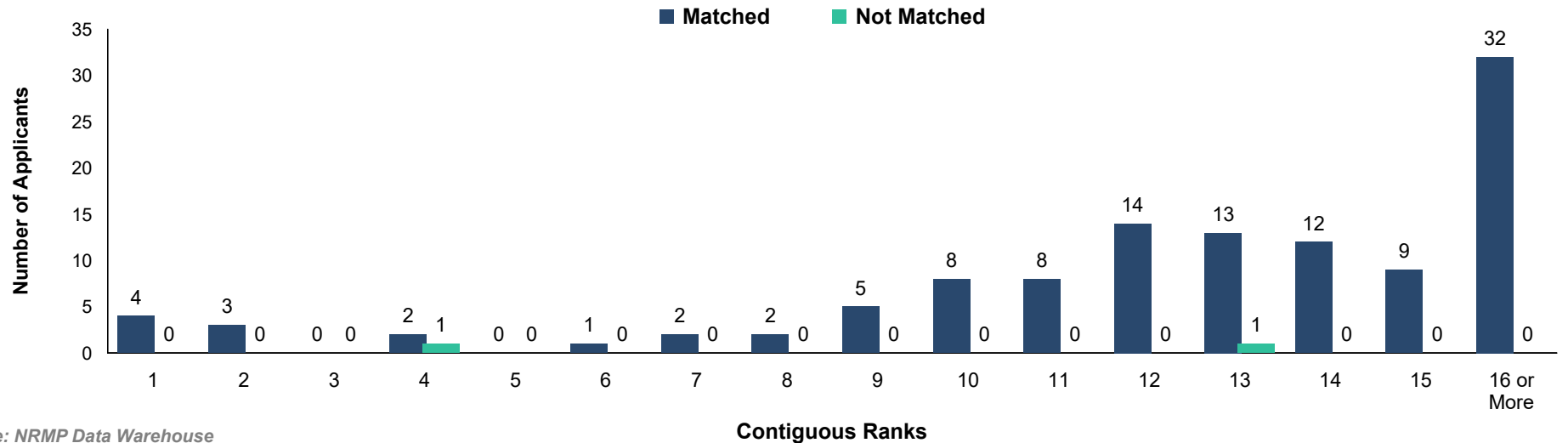
**Chart
CN-1**

**Number of Distinct Specialties Ranked by U.S. MD Seniors
Child Neurology**



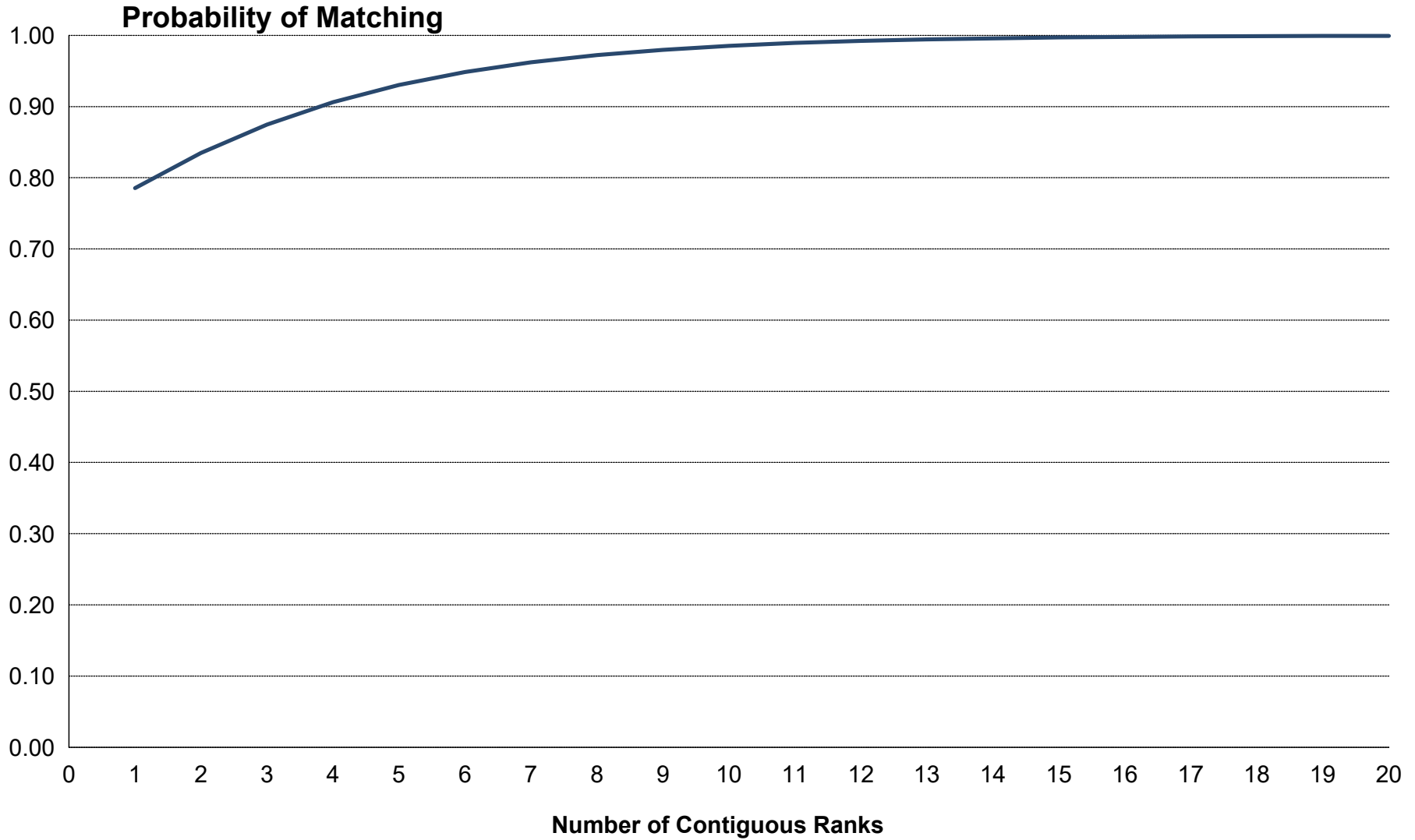
**Chart
CN-2**

**Number of Contiguous Ranks of U.S. MD Seniors
Child Neurology**



Source: NRMP Data Warehouse

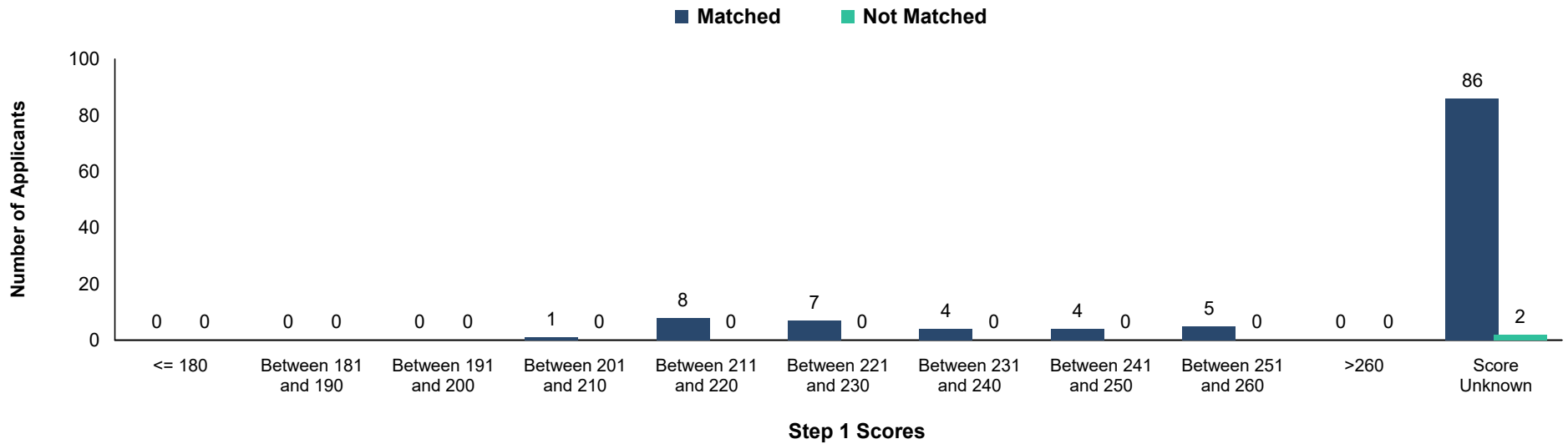
Probability of U.S. MD Seniors Matching to Preferred Specialty by Number of Contiguous Ranks
Child Neurology



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants

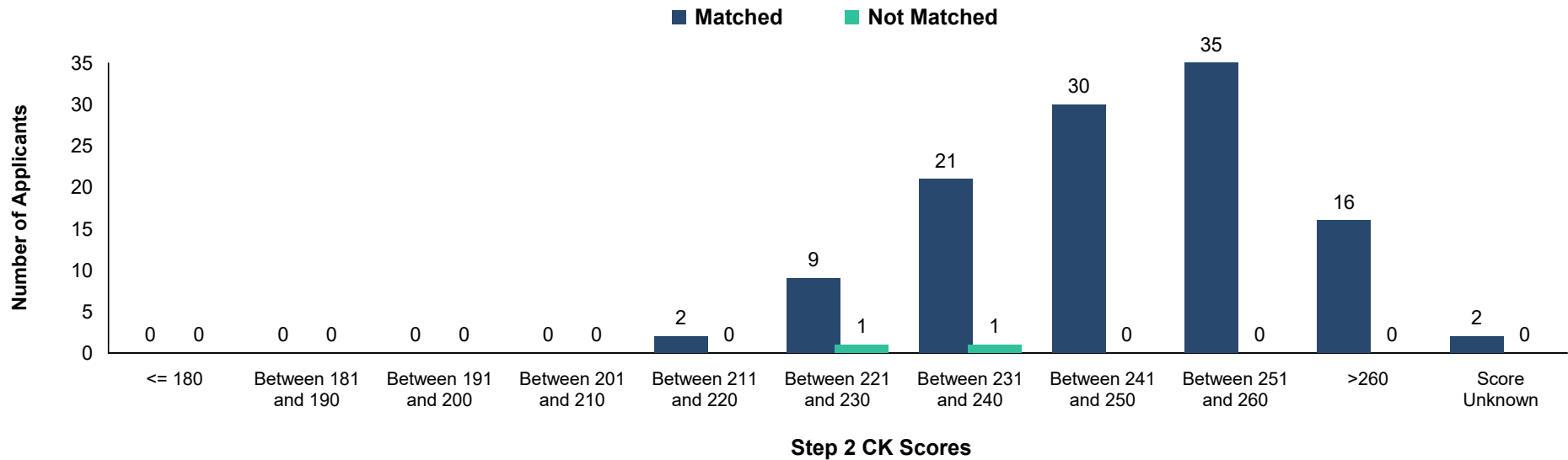
**Chart
CN-3**

USMLE Step 1 Scores of U.S. MD Seniors
Child Neurology



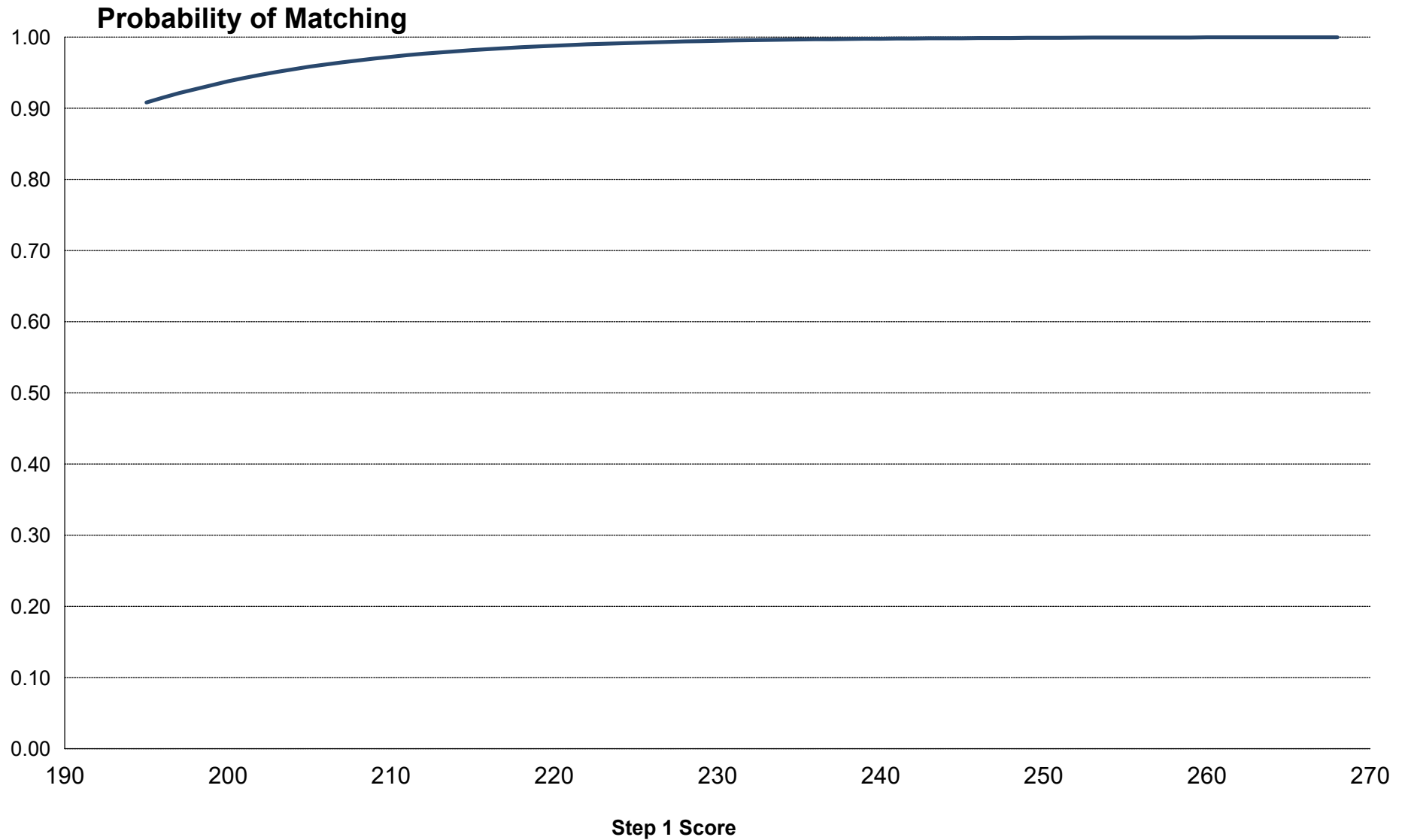
**Chart
CN-4**

USMLE Step 2 CK Scores of U.S. MD Seniors
Child Neurology



Probability of U.S. MD Seniors Matching to Preferred Specialty by USMLE Step 1 Score

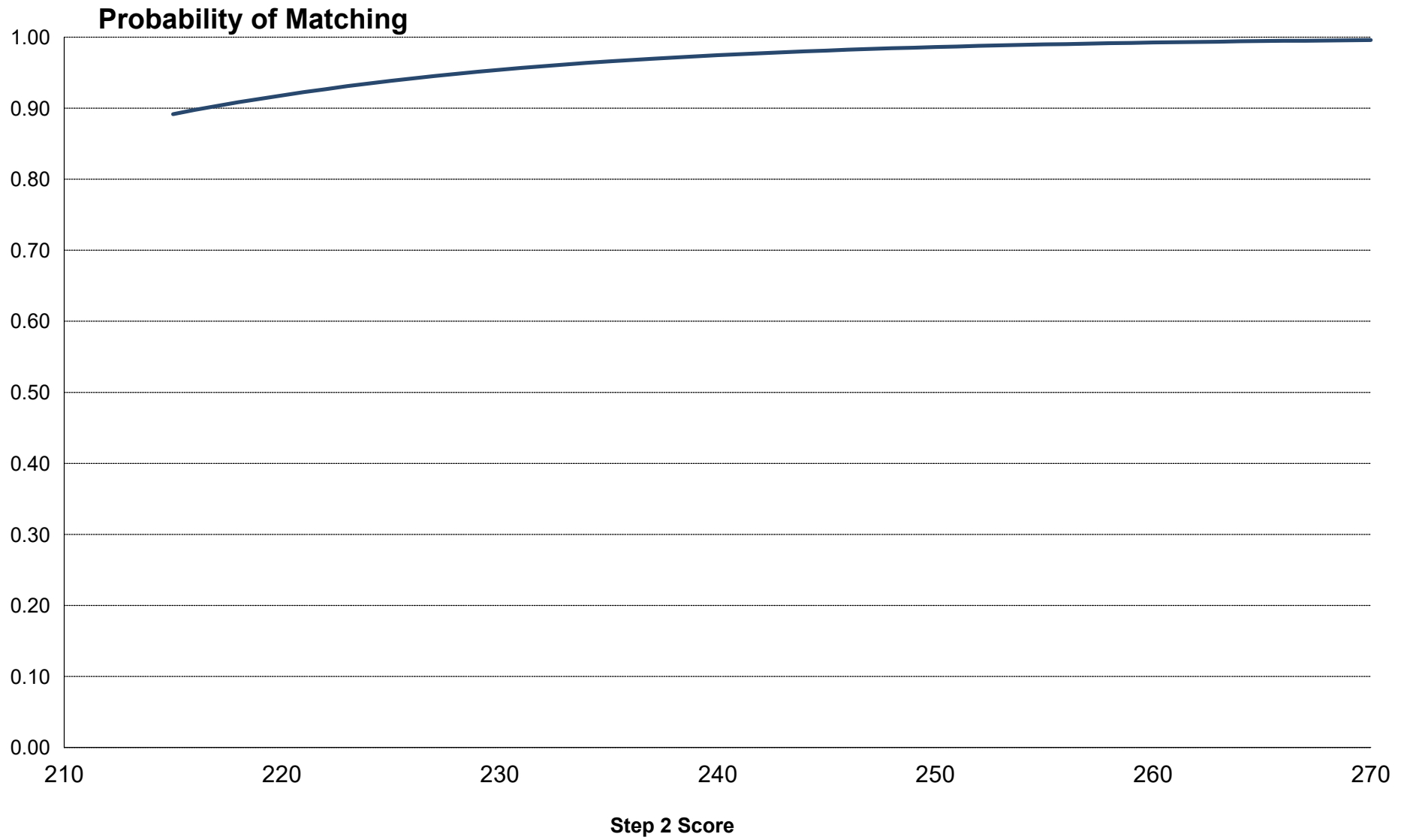
Child Neurology



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants.

Probability of U.S. MD Seniors Matching to Preferred Specialty by USMLE Step 2 Score

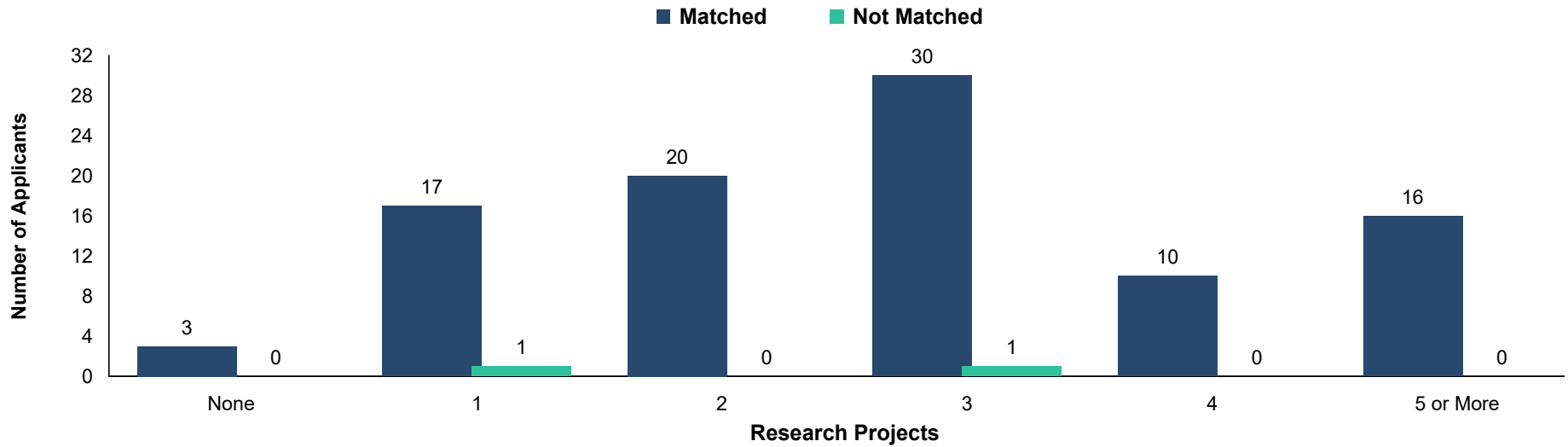
Child Neurology



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants.

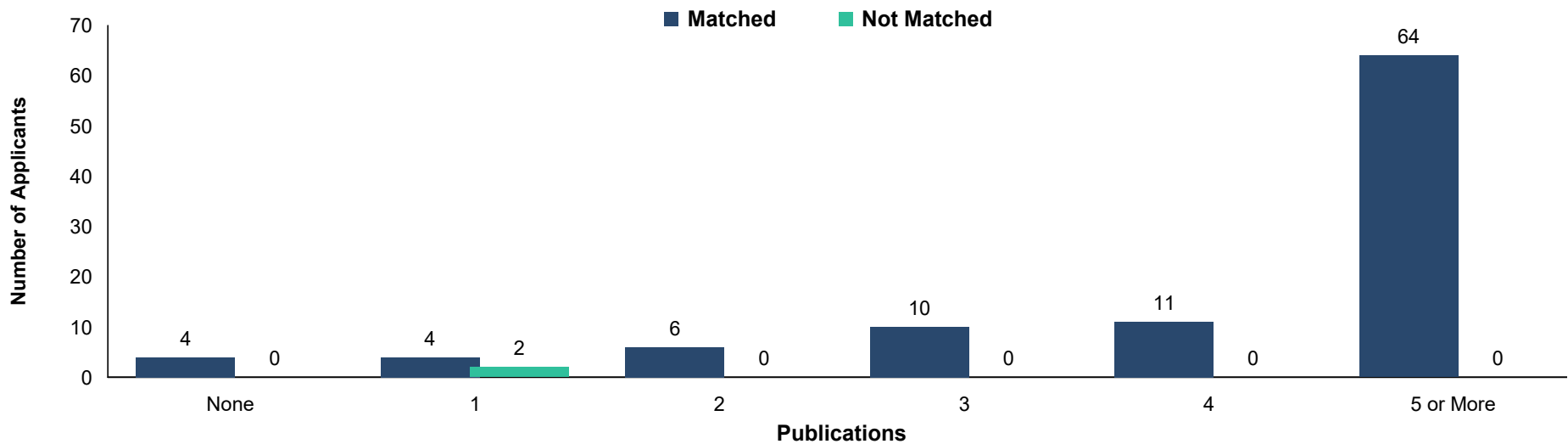
**Chart
CN-5**

Number of Research Projects of U.S. MD Seniors *Child Neurology*



**Chart
CN-6**

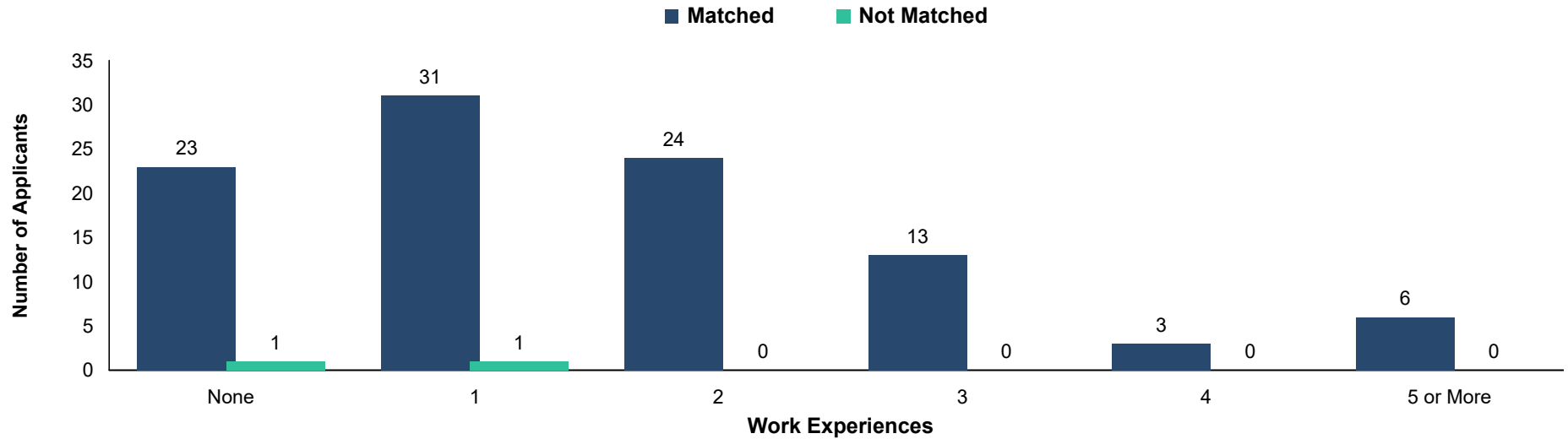
Number of Abstracts, Presentations, and Publications of U.S. MD Seniors *Child Neurology*



Source: NRMP Data Warehouse

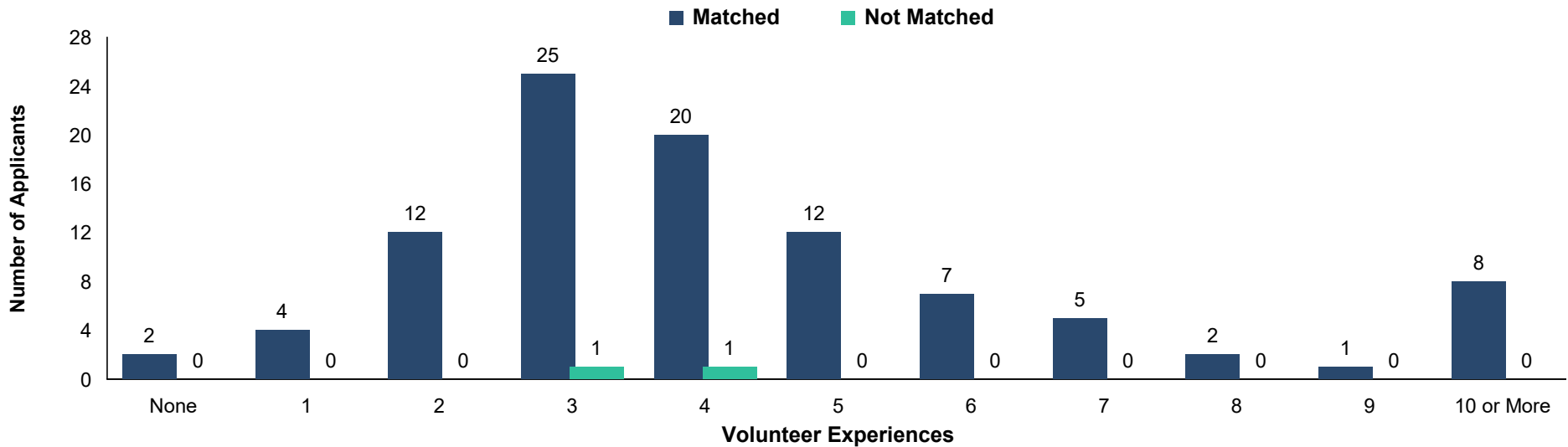
**Chart
CN-7**

**Number of Work Experiences of U.S. MD Seniors
Child Neurology**



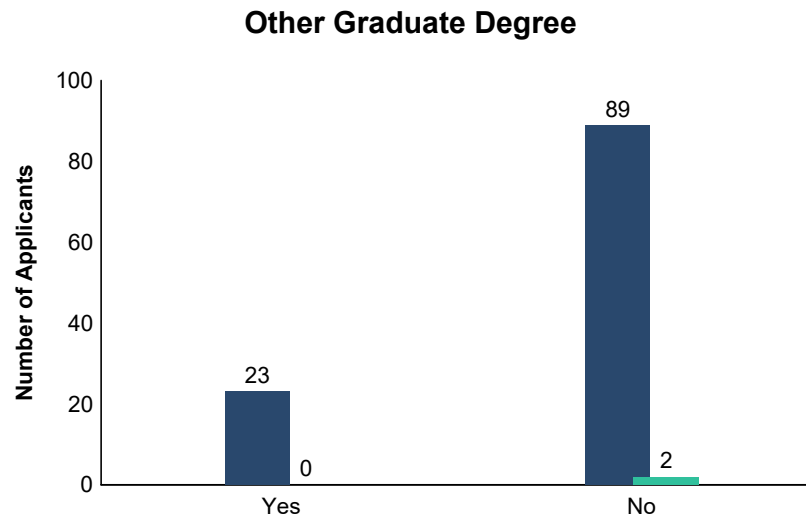
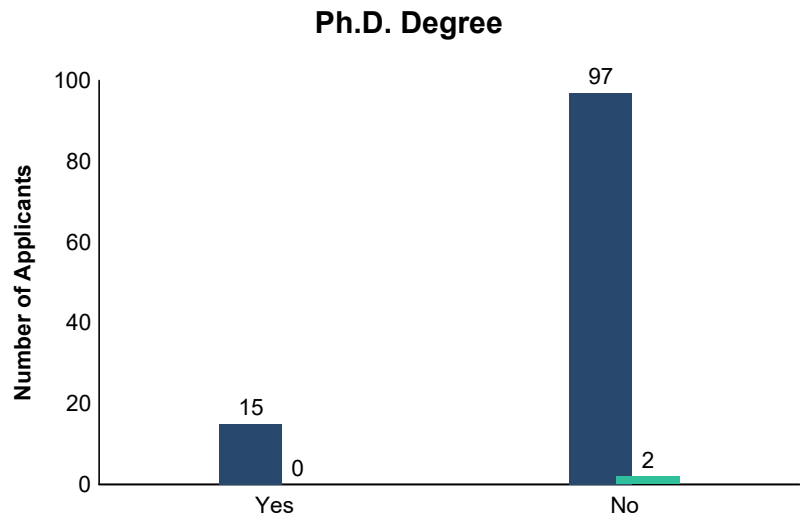
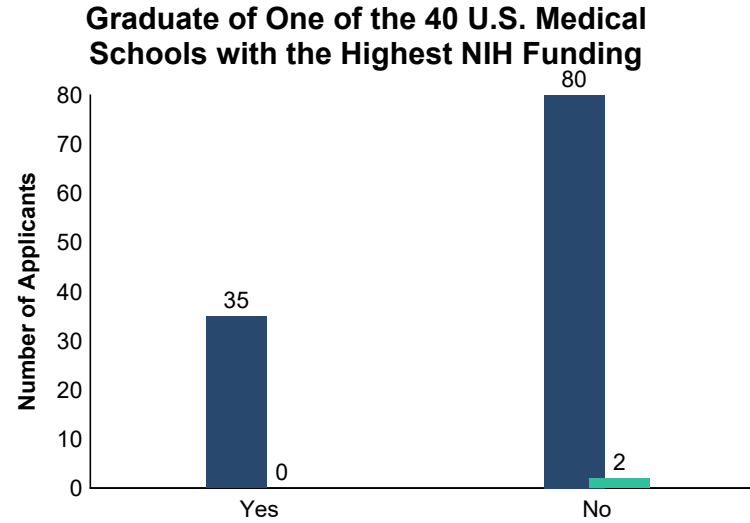
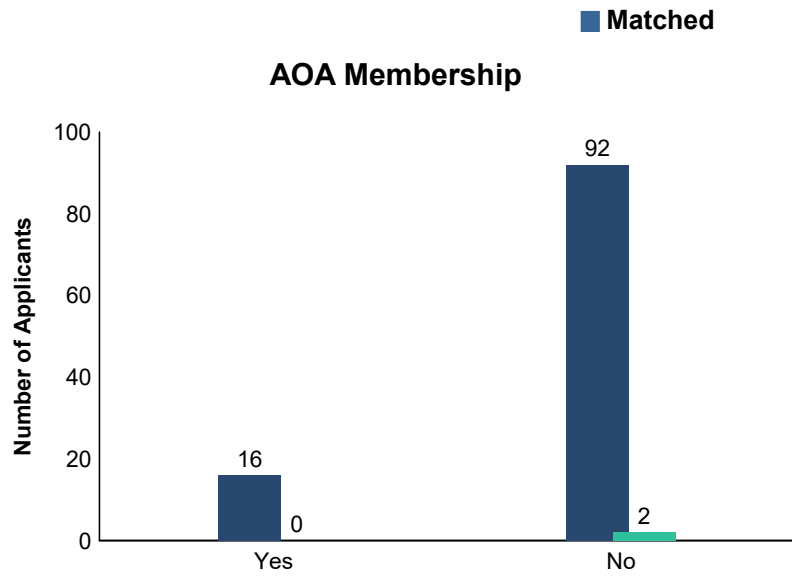
**Chart
CN-8**

**Number of Volunteer Experiences of U.S. MD Seniors
Child Neurology**



Source: NRMP Data Warehouse

Other Characteristics of U.S. MD Seniors
Child Neurology



Source: NRMP Data Warehouse. Top 40 U.S. medical schools with the highest NIH funding from NIH: <http://report.nih.gov/award/index.cfm>

DM Dermatology

Table DM-1 **Summary Statistics on U.S. MD Seniors**
Dermatology

Measure	Matched (n=314)	Unmatched (n=126)
1. Mean number of contiguous ranks	8.8	4.5
2. Mean number of distinct specialties ranked	2.2	2.4
3. Mean USMLE Step 1 score*	245	235
4. Mean USMLE Step 2 score	257	250
5. Mean number of research experiences	6.4	4.9
6. Mean number of abstracts, presentations, and publications	27.7	19.0
7. Mean number of work experiences	2.3	2.5
8. Mean number of volunteer experiences	5.3	5.6
9. Percentage who are AOA members	41.1	23.8
10. Percentage who graduated from one of the 40 U.S. medical schools with the highest NIH funding	41.7	23.0
11. Percentage who have Ph.D. degree	9.8	1.7
12. Percentage who have another graduate degree	17.1	17.2

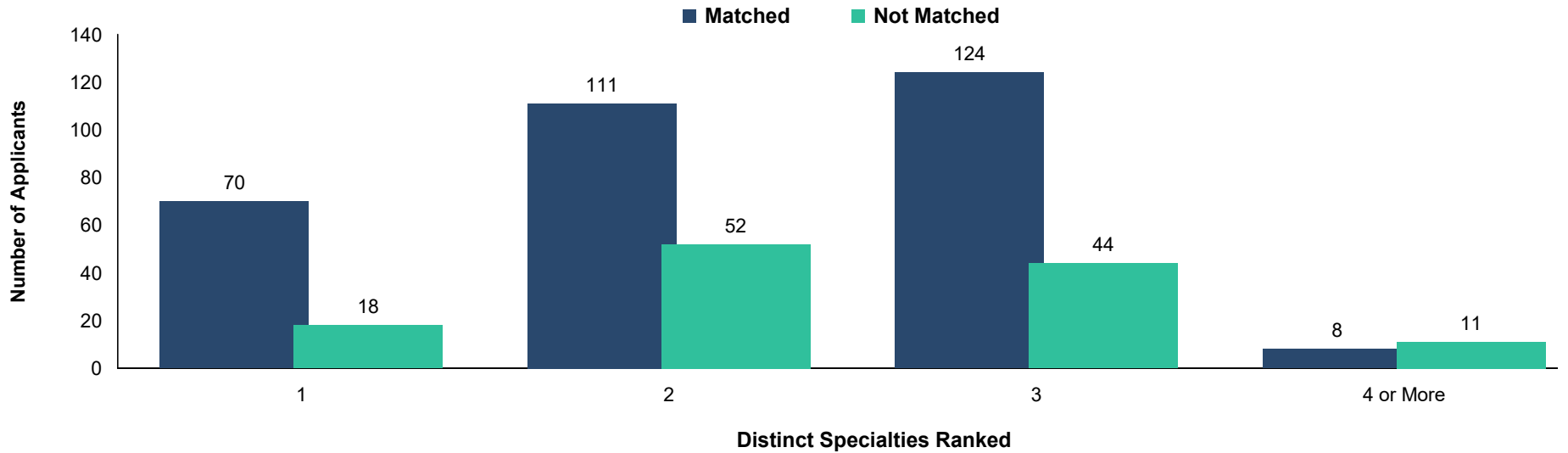
Note: Only U.S. MD seniors who gave consent to use their information in research are included.

*Only applicants who indicated completion of the USMLE Step 1 exam prior to the transition to pass/fail (i.e., prior to January 26, 2022) had the option to self-report their Step 1 numeric score. In 2024, only 2,143 U.S. MD seniors self-reported Step 1 numeric scores.

Sources. NRMP Data Warehouse; Top 40 U.S. medical schools with the highest NIH funding in measure 10 is from the NIH website (<http://report.nih.gov/award/index.cfm>).

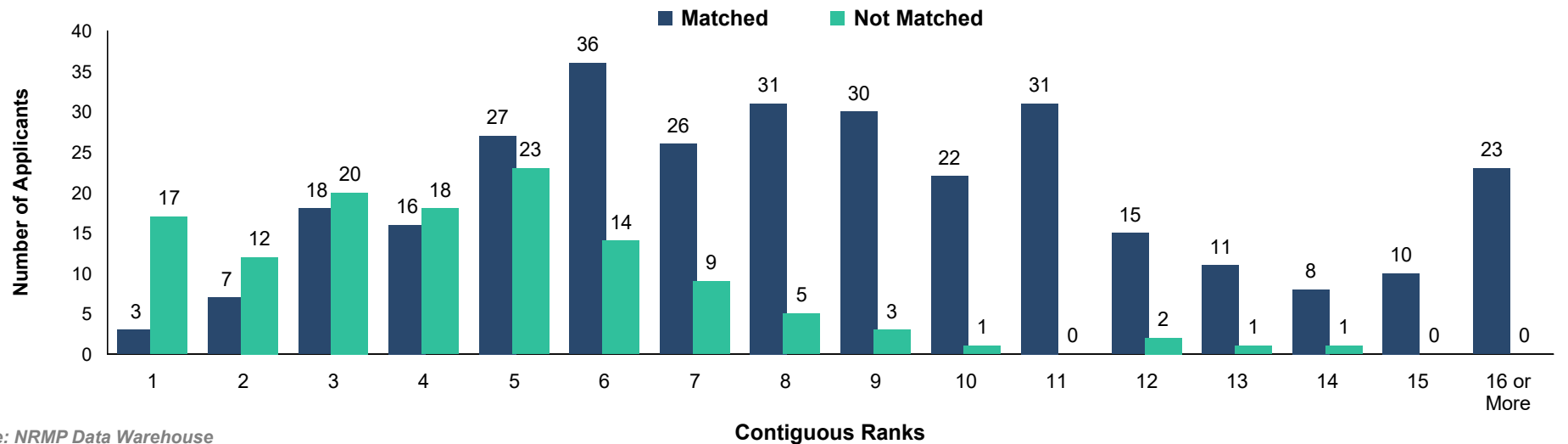
**Chart
DM-1**

**Number of Distinct Specialties Ranked by U.S. MD Seniors
Dermatology**



**Chart
DM-2**

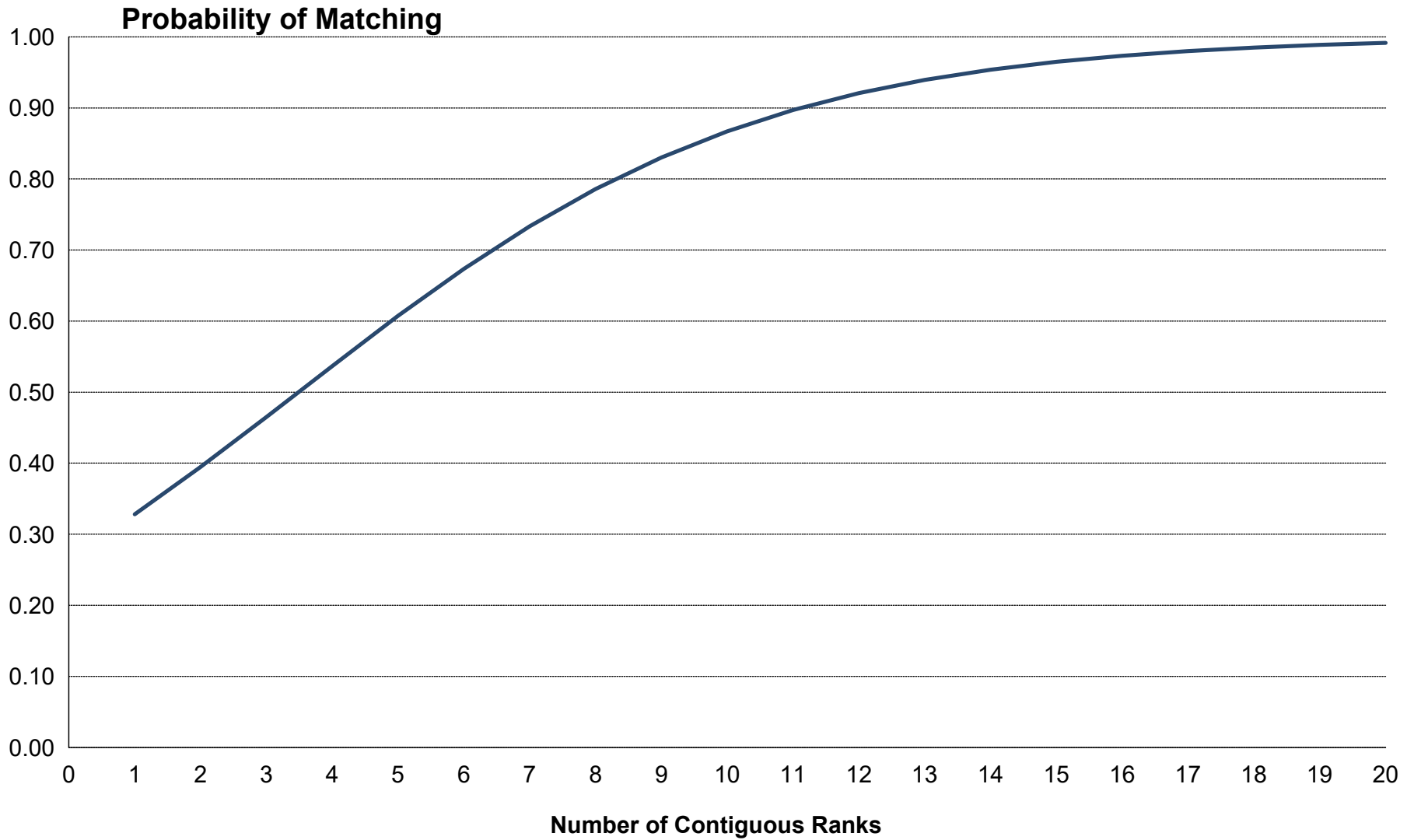
**Number of Contiguous Ranks of U.S. MD Seniors
Dermatology**



Source: NRMP Data Warehouse

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

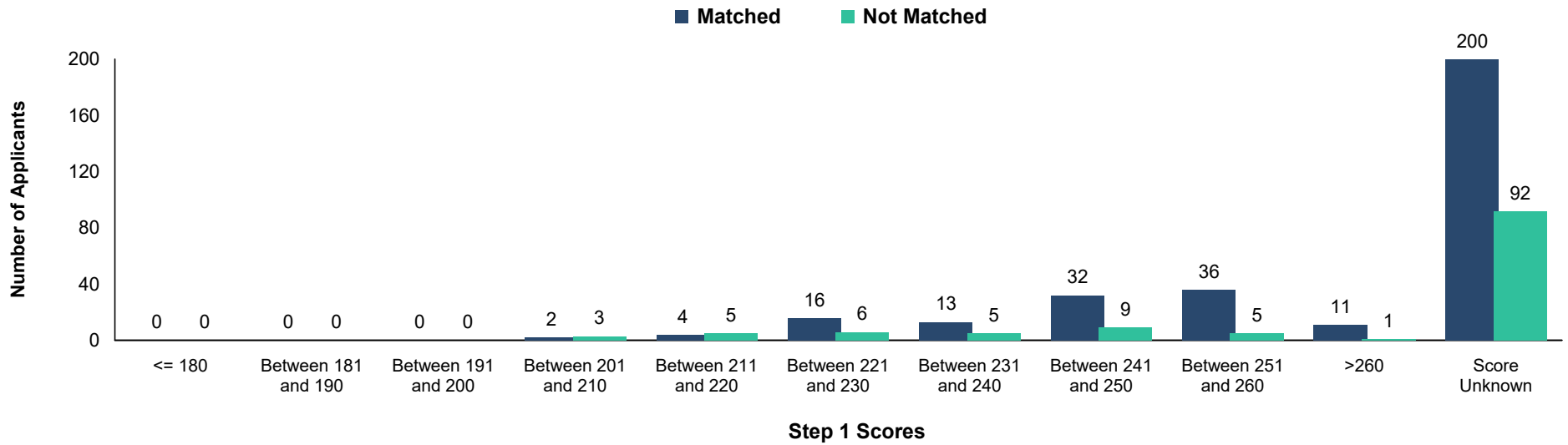
Dermatology



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants

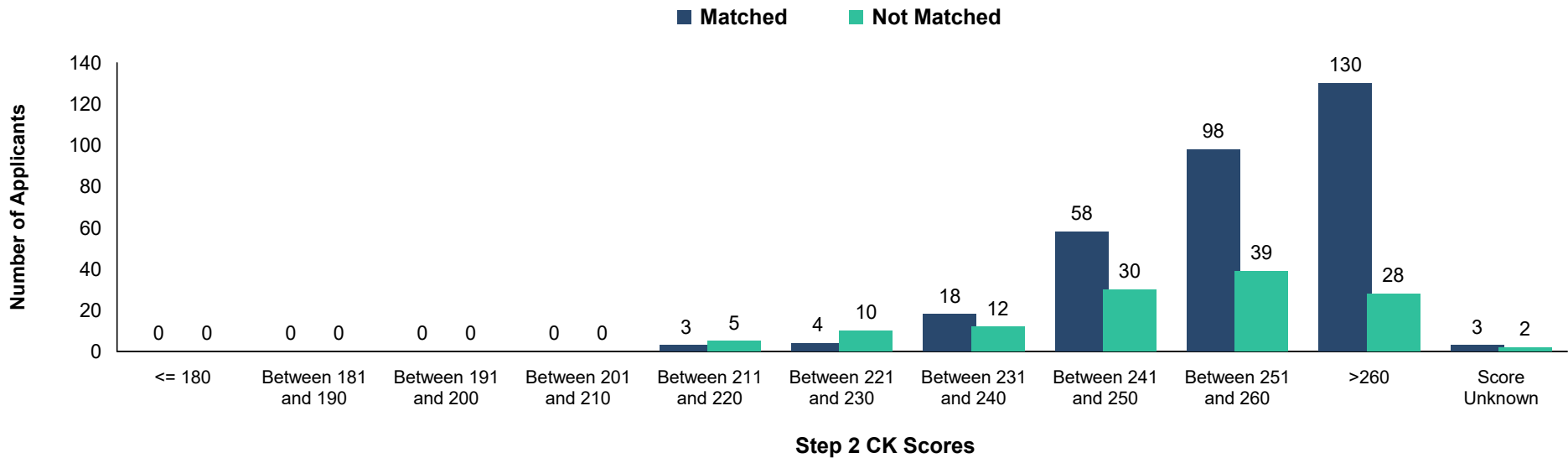
**Chart
DM-3**

**USMLE Step 1 Scores of U.S. MD Seniors
Dermatology**



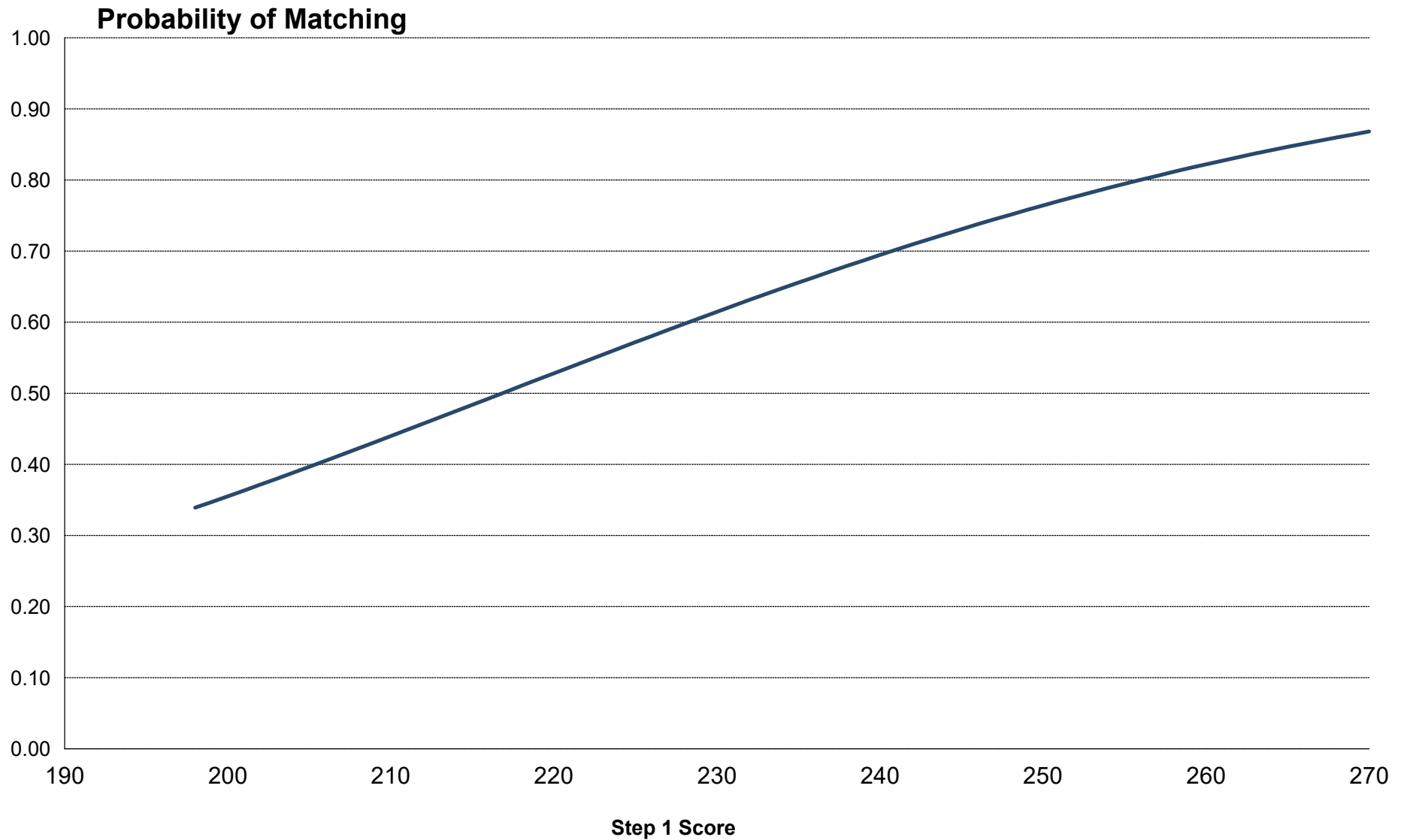
**Chart
DM-4**

**USMLE Step 2 CK Scores of U.S. MD Seniors
Dermatology**



Probability of U.S. MD Seniors Matching to Preferred Specialty by USMLE Step 1 Score

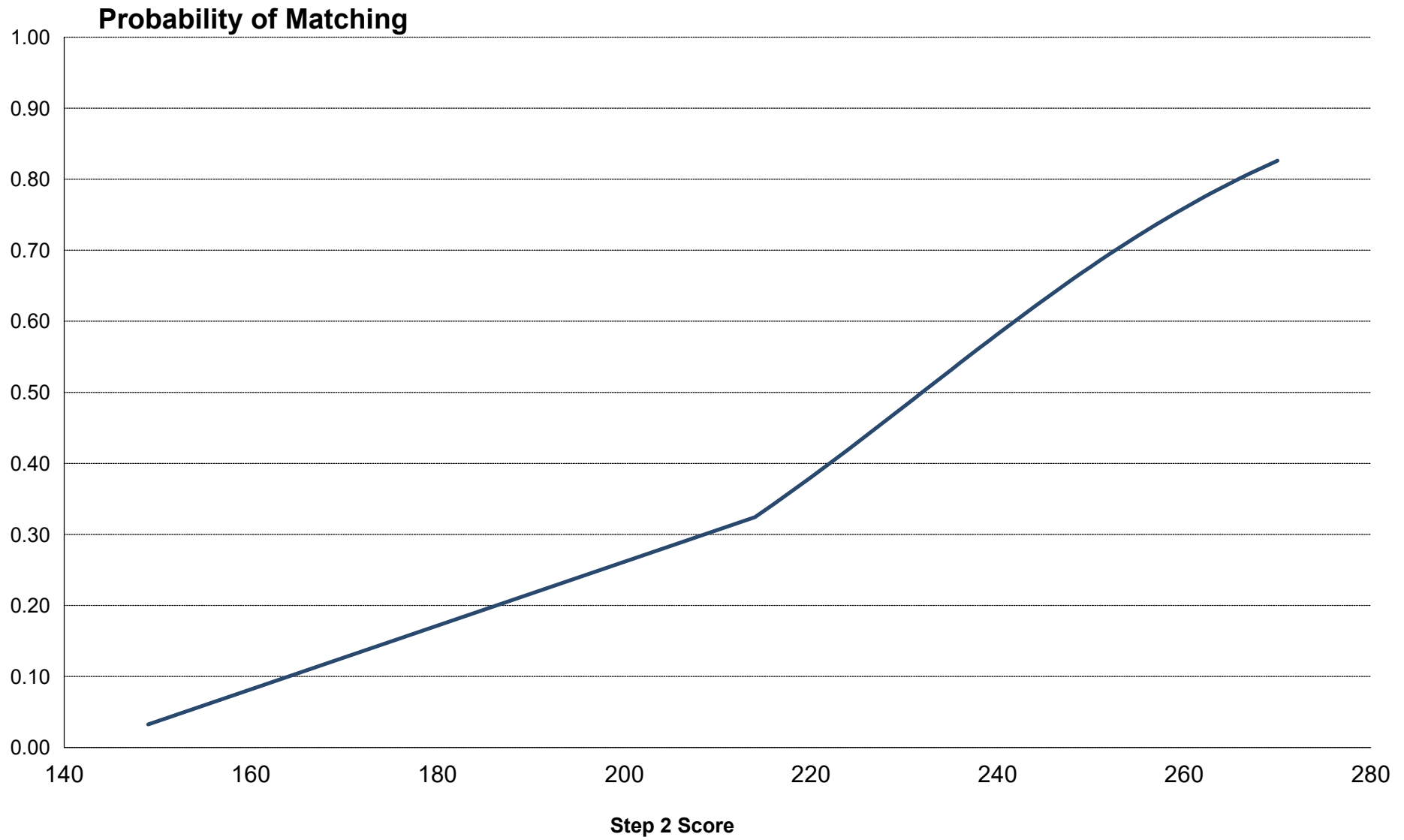
Dermatology



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants.

Probability of U.S. MD Seniors Matching to Preferred Specialty by USMLE Step 2 Score

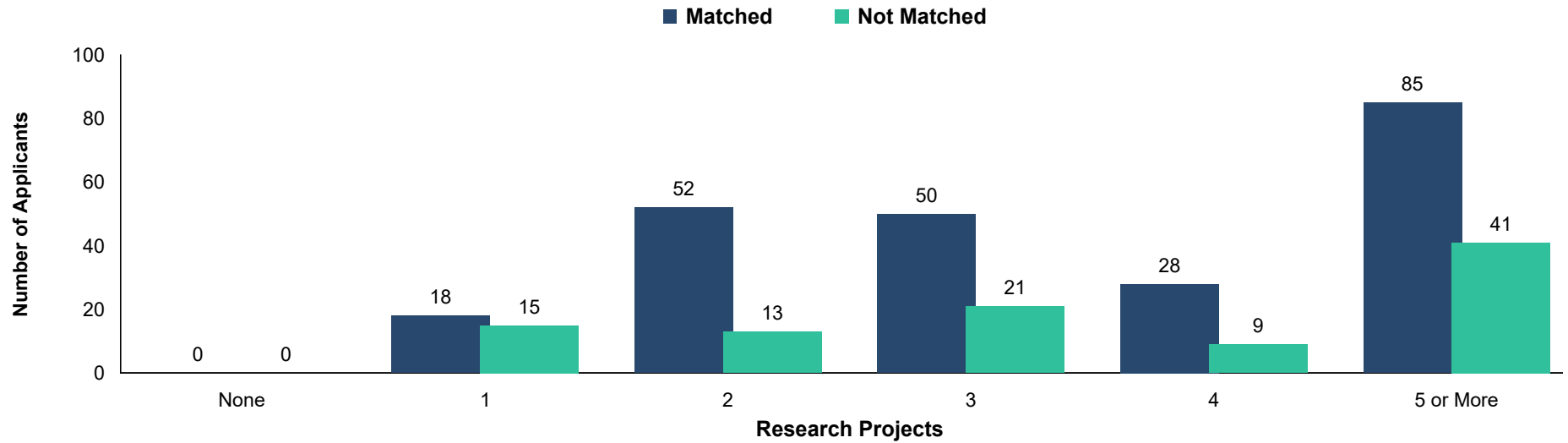
Dermatology



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants.

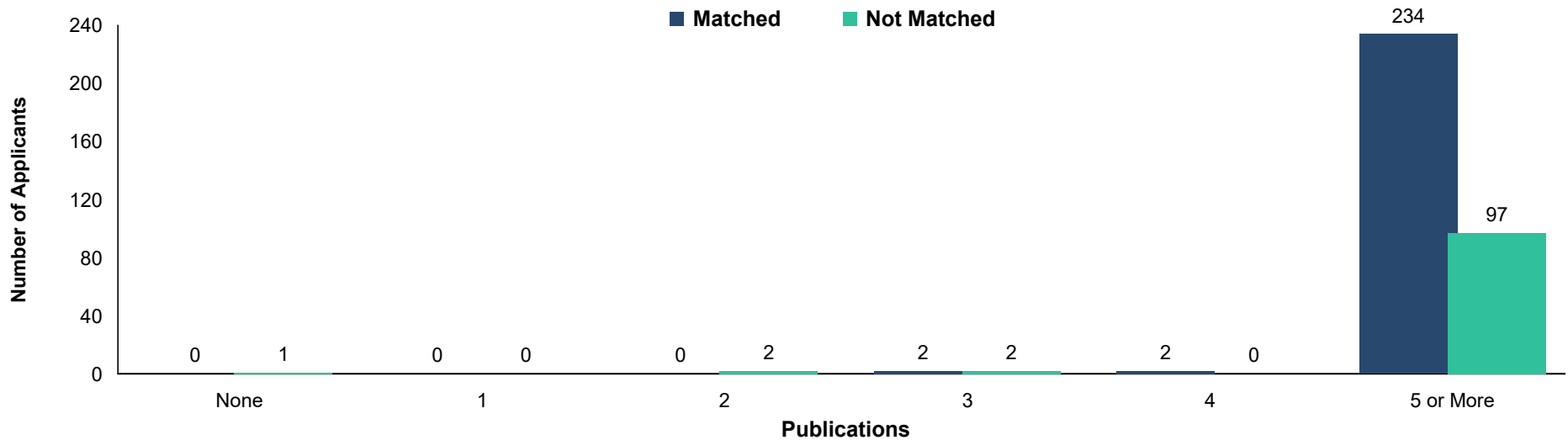
**Chart
DM-5**

**Number of Research Projects of U.S. MD Seniors
Dermatology**



**Chart
DM-6**

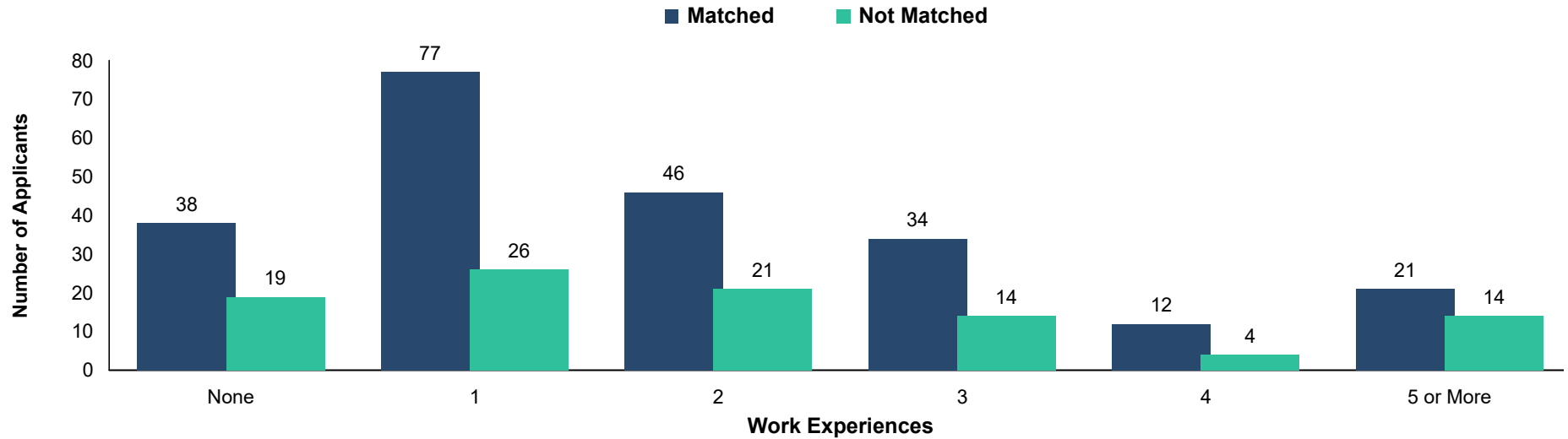
**Number of Abstracts, Presentations, and Publications of U.S. MD Seniors
Dermatology**



Source: NRMP Data Warehouse

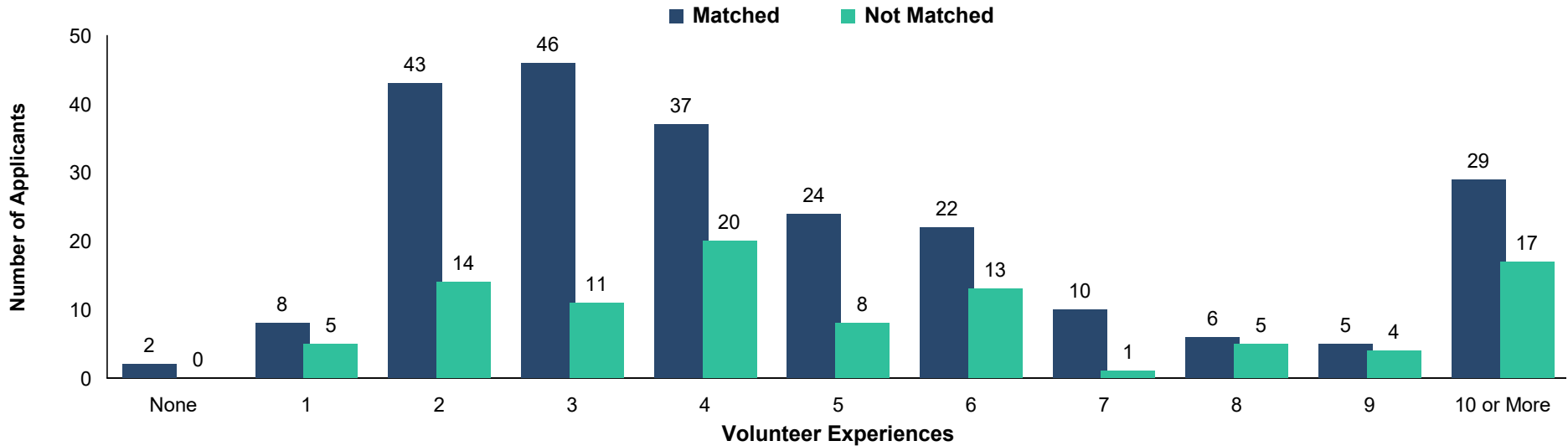
**Chart
DM-7**

Number of Work Experiences of U.S. MD Seniors *Dermatology*



**Chart
DM-8**

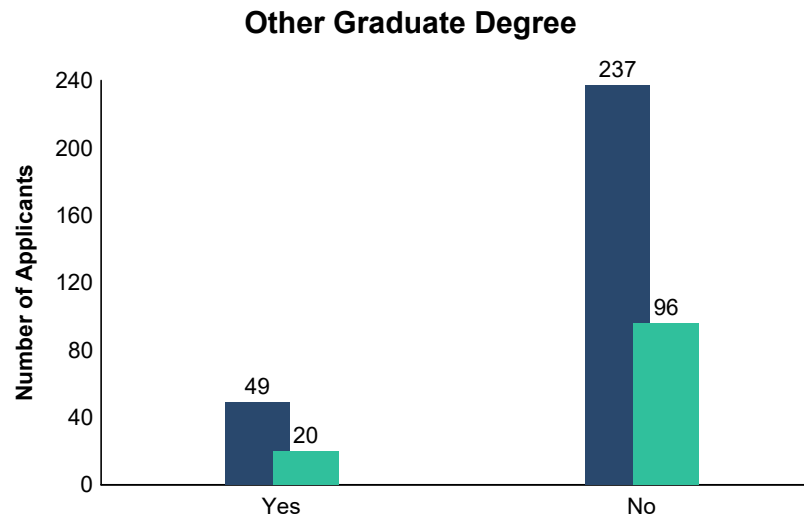
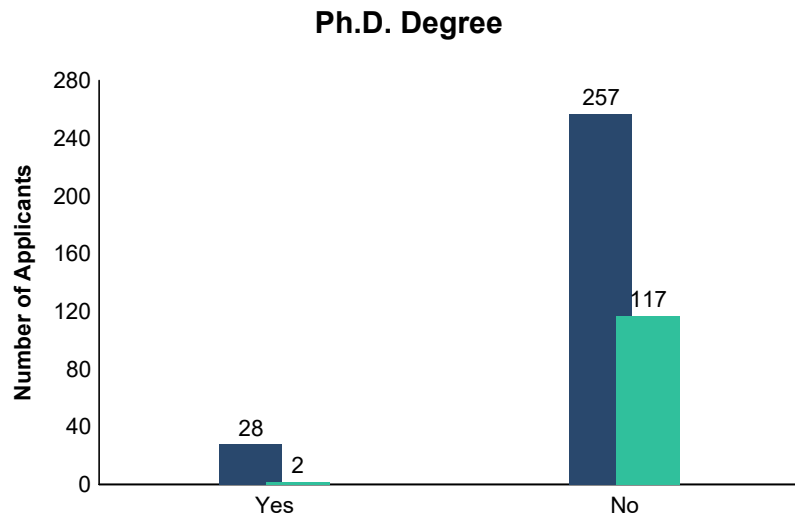
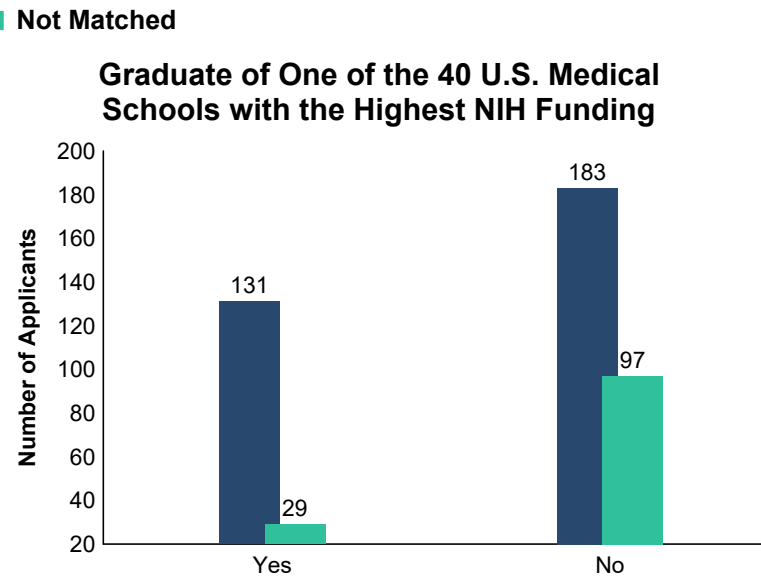
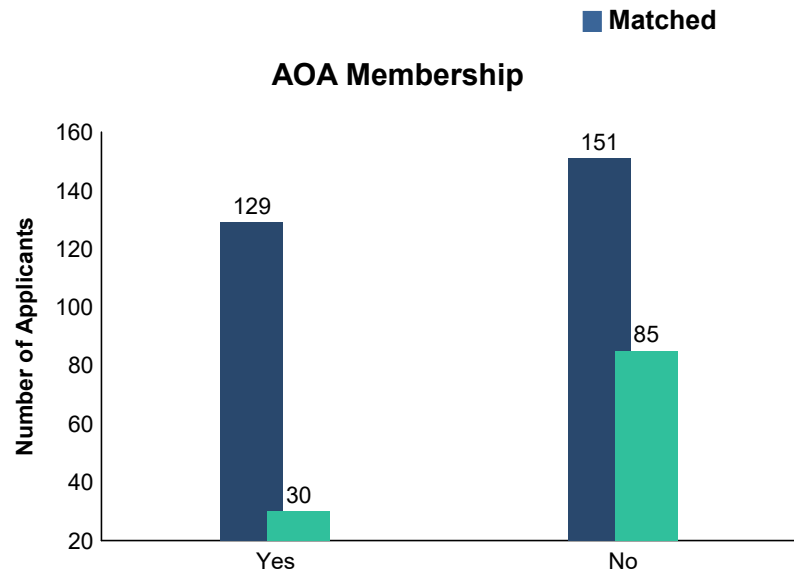
Number of Volunteer Experiences of U.S. MD Seniors *Dermatology*



Source: NRMP Data Warehouse

**Chart
DM-9**

**Other Characteristics of U.S. MD Seniors
Dermatology**



Source: NRMP Data Warehouse. Top 40 U.S. medical schools with the highest NIH funding from NIH: <http://report.nih.gov/award/index.cfm>

DR Diagnostic Radiology

Table DR-1 **Summary Statistics on U.S. MD Seniors**
Diagnostic Radiology

Measure	Matched (n=625)	Unmatched (n=86)
1. Mean number of contiguous ranks	13.8	5.5
2. Mean number of distinct specialties ranked	1.8	2.1
3. Mean USMLE Step 1 score*	241	224
4. Mean USMLE Step 2 score	256	241
5. Mean number of research experiences	4.4	3.6
6. Mean number of abstracts, presentations, and publications	12.0	8.0
7. Mean number of work experiences	1.9	2.1
8. Mean number of volunteer experiences	3.9	3.6
9. Percentage who are AOA members	19.5	4.7
10. Percentage who graduated from one of the 40 U.S. medical schools with the highest NIH funding	29.9	23.3
11. Percentage who have Ph.D. degree	3.5	2.6
12. Percentage who have another graduate degree	19.3	18.2

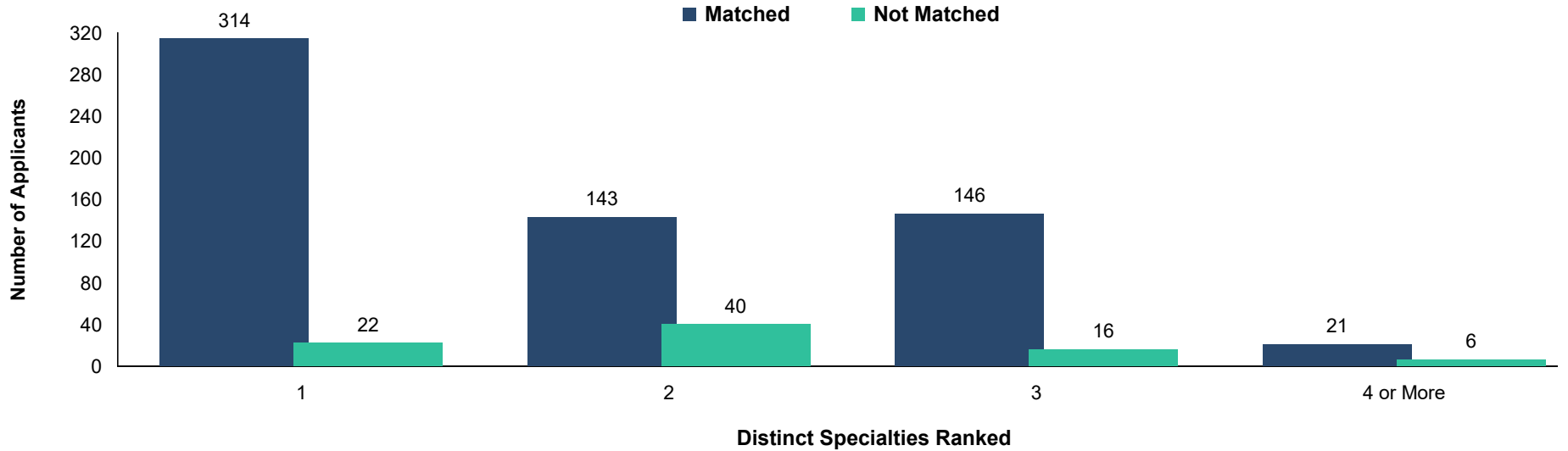
Note: Only U.S. MD seniors who gave consent to use their information in research are included.

*Only applicants who indicated completion of the USMLE Step 1 exam prior to the transition to pass/fail (i.e., prior to January 26, 2022) had the option to self-report their Step 1 numeric score. In 2024, only 2,143 U.S. MD seniors self-reported Step 1 numeric scores.

Sources. NRMP Data Warehouse; Top 40 U.S. medical schools with the highest NIH funding in measure 10 is from the NIH website (<http://report.nih.gov/award/index.cfm>).

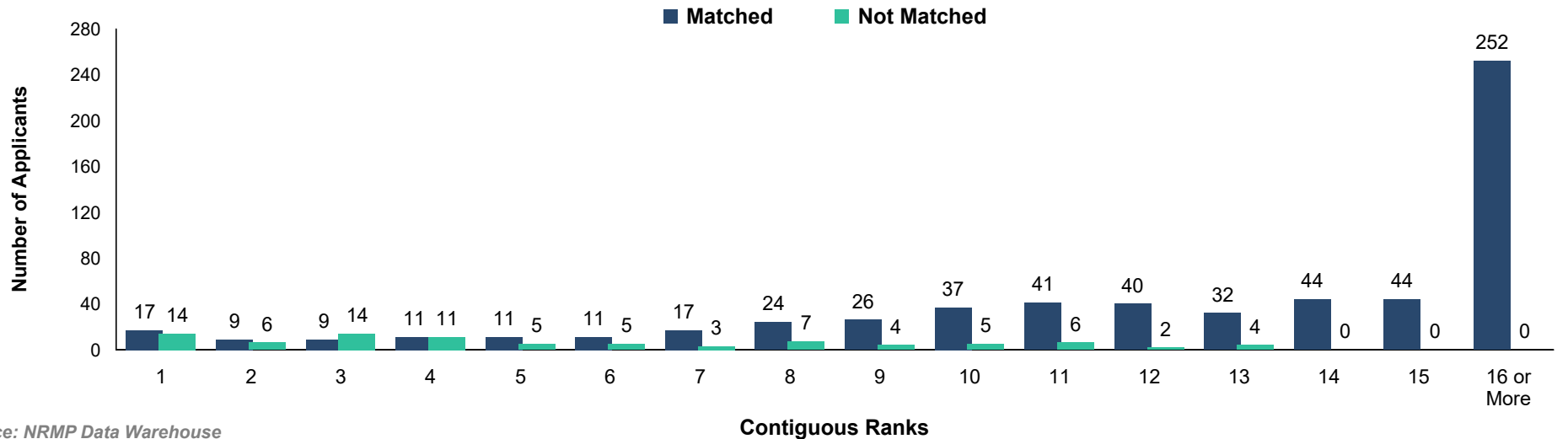
**Chart
DR-1**

Number of Distinct Specialties Ranked by U.S. MD Seniors
Diagnostic Radiology



**Chart
DR-2**

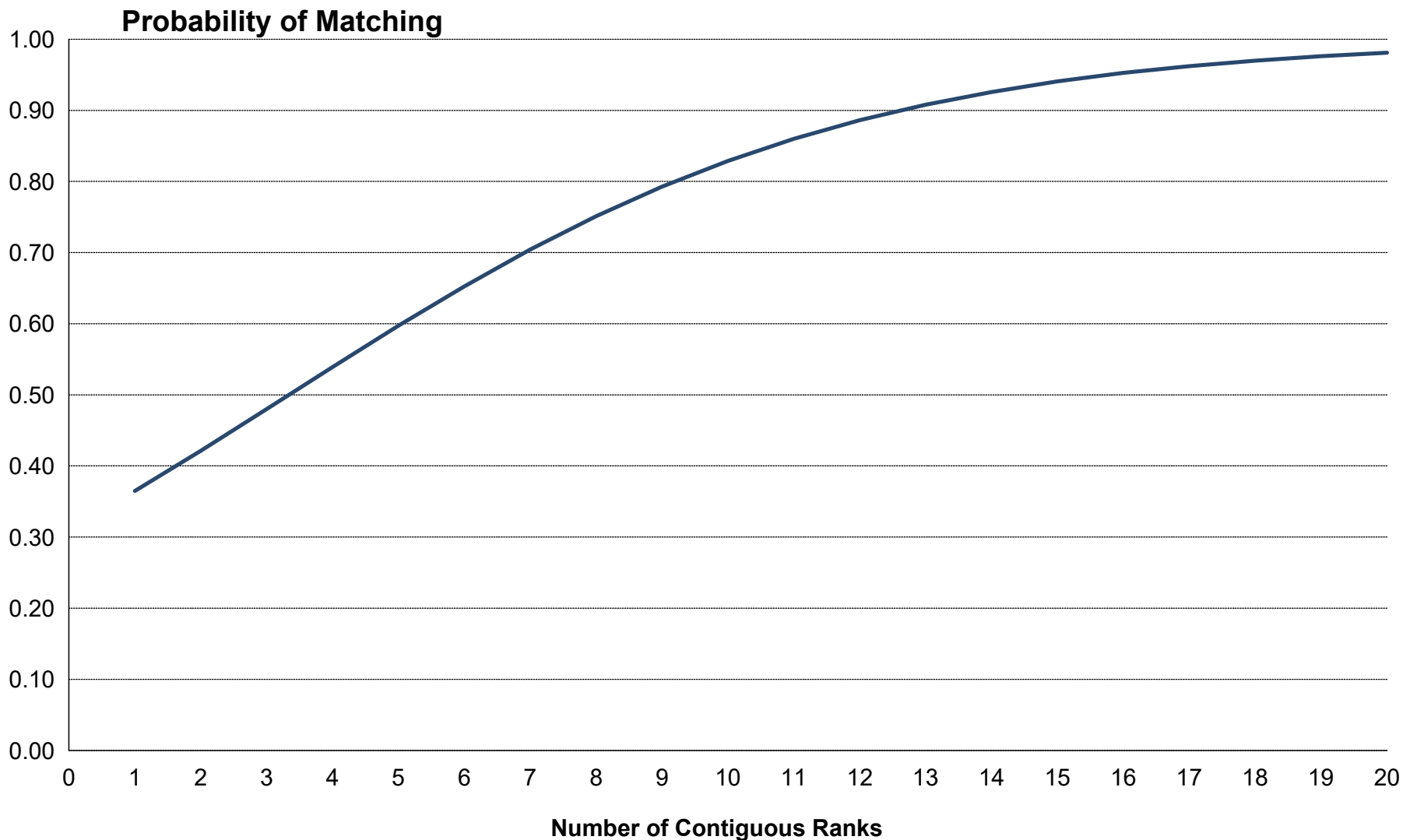
Number of Contiguous Ranks of U.S. MD Seniors
Diagnostic Radiology



Source: NRMP Data Warehouse

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

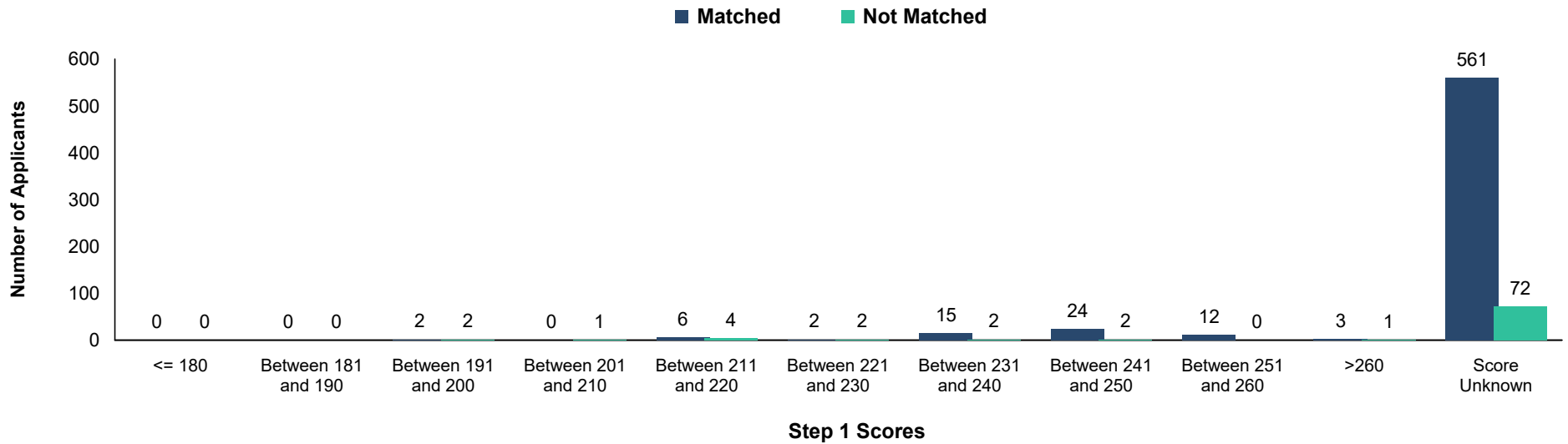
Diagnostic Radiology



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants

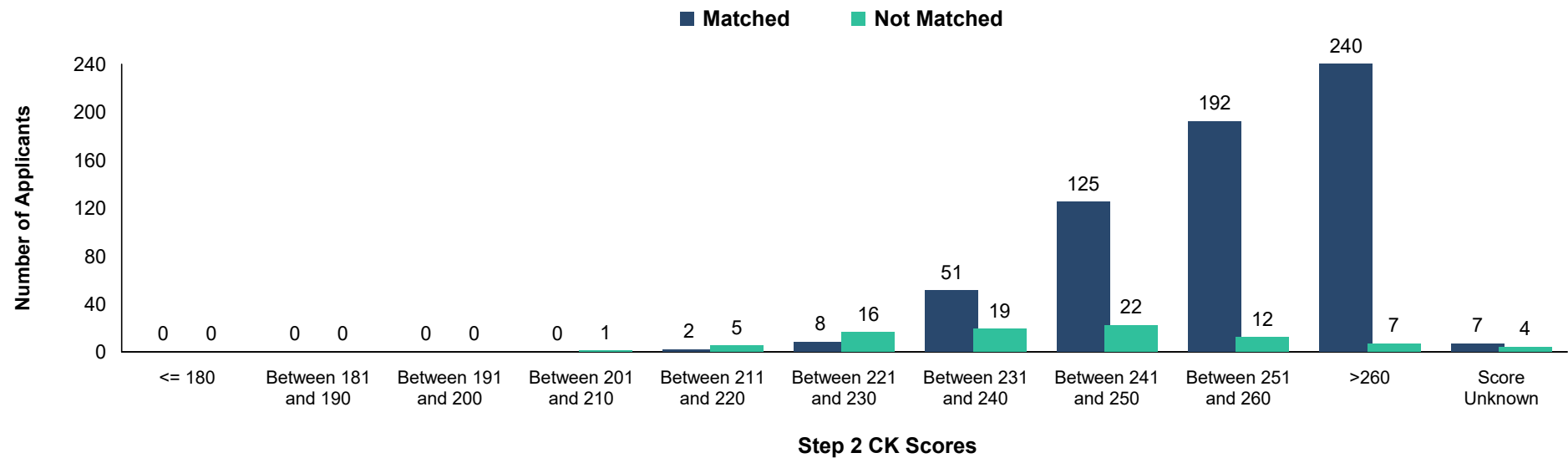
**Chart
DR-3**

USMLE Step 1 Scores of U.S. MD Seniors
Diagnostic Radiology



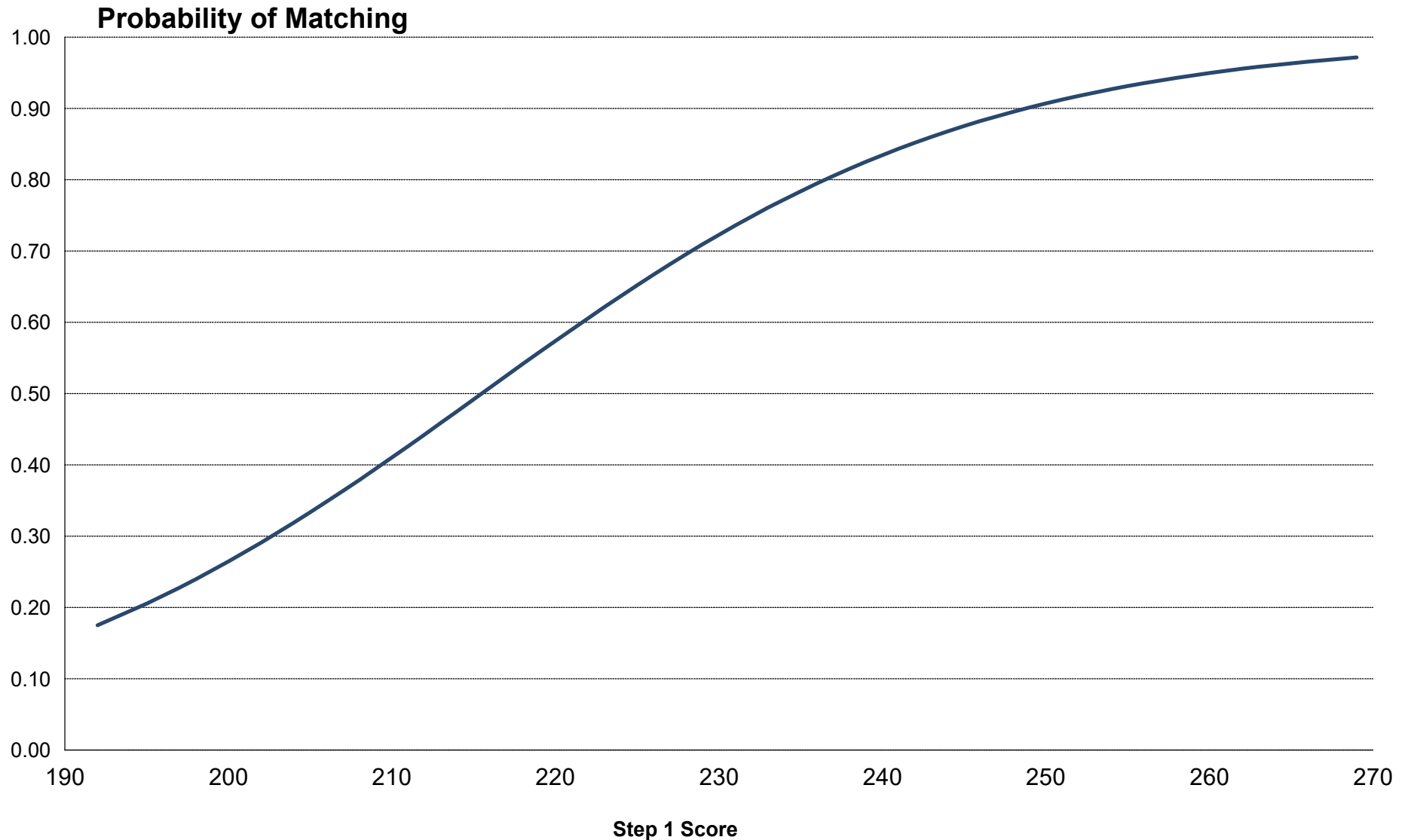
**Chart
DR-4**

USMLE Step 2 CK Scores of U.S. MD Seniors
Diagnostic Radiology



Probability of U.S. MD Seniors Matching to Preferred Specialty by USMLE Step 1 Score

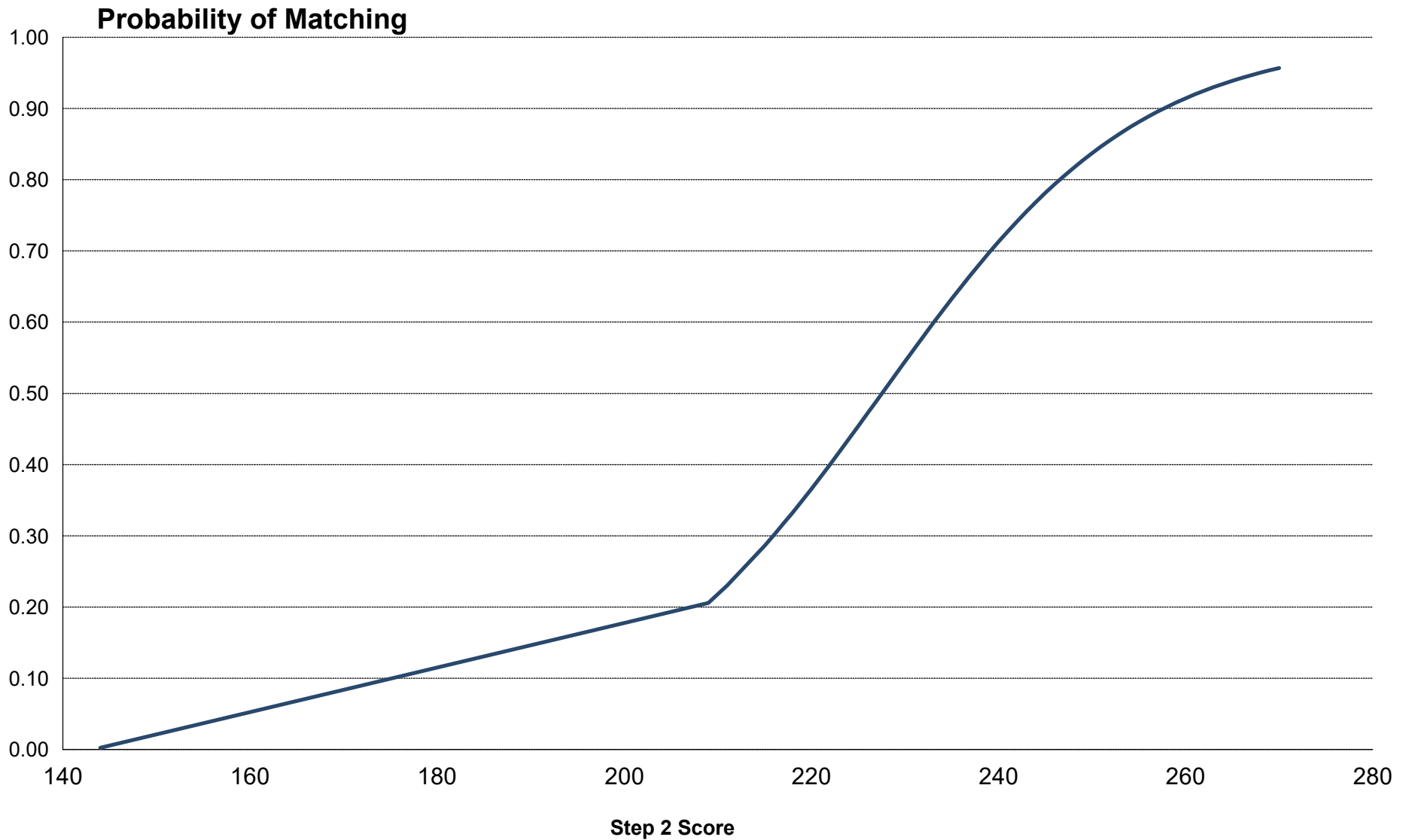
Diagnostic Radiology



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants.

Probability of U.S. MD Seniors Matching to Preferred Specialty by USMLE Step 2 Score

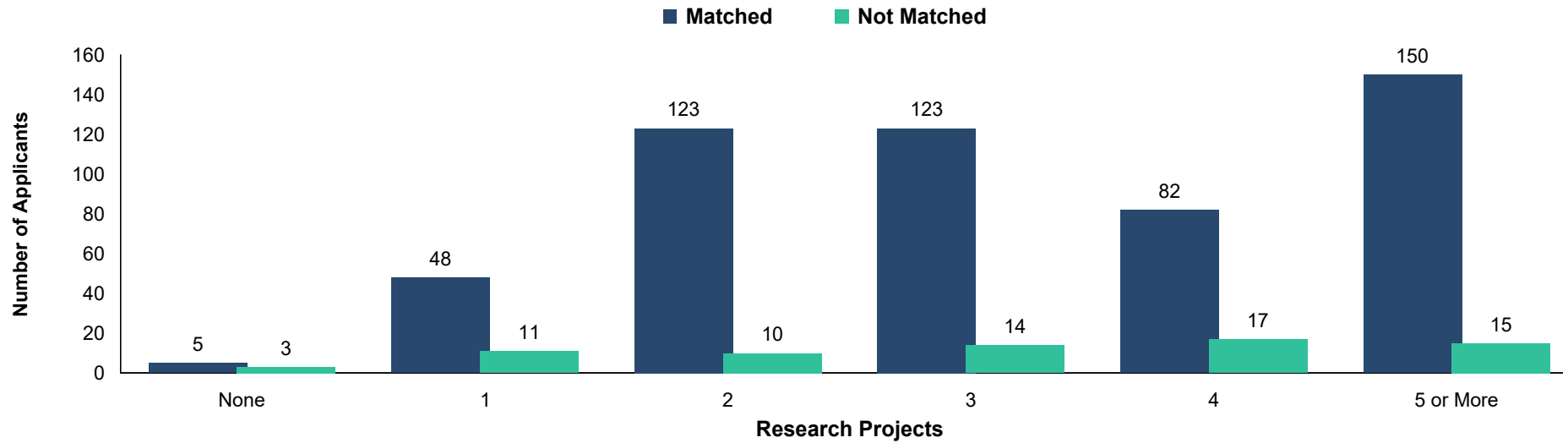
Diagnostic Radiology



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants.

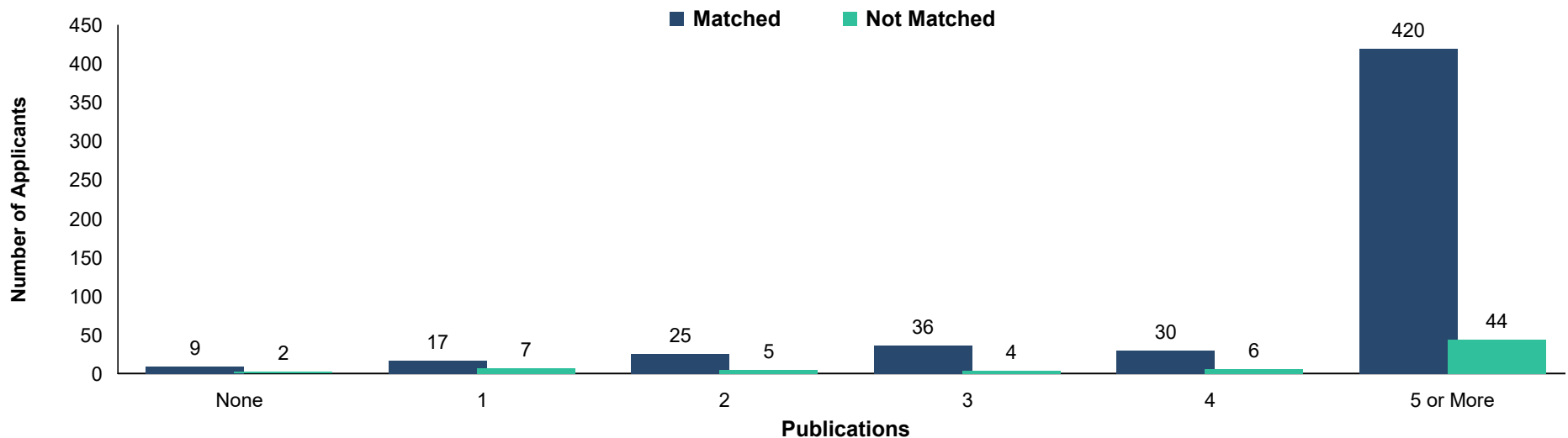
**Chart
DR-5**

Number of Research Projects of U.S. MD Seniors
Diagnostic Radiology



**Chart
DR-6**

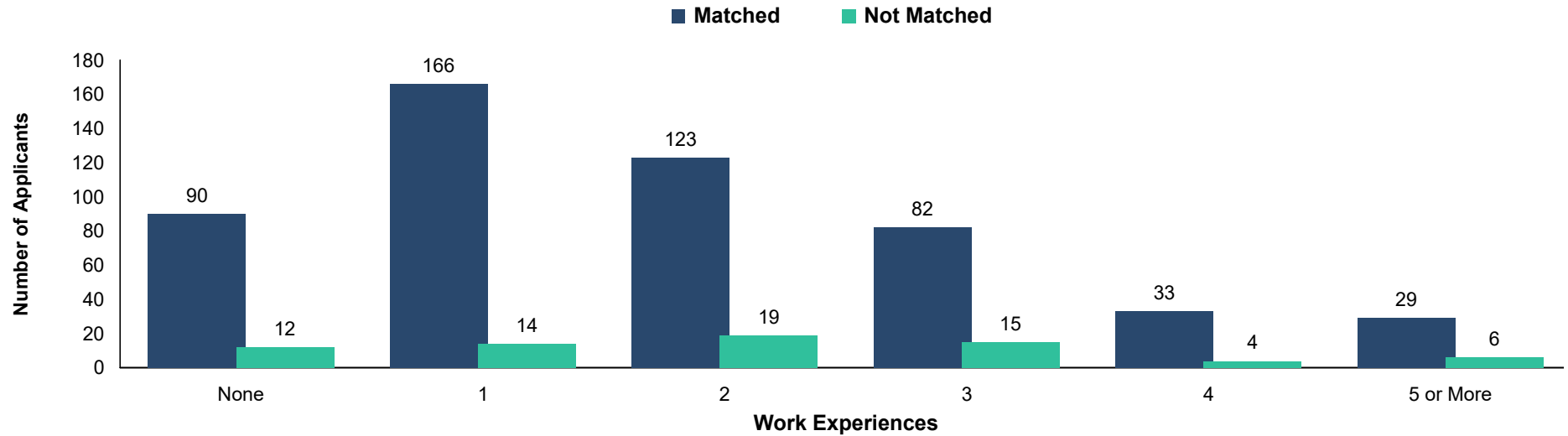
Number of Abstracts, Presentations, and Publications of U.S. MD Seniors
Diagnostic Radiology



Source: NRMP Data Warehouse

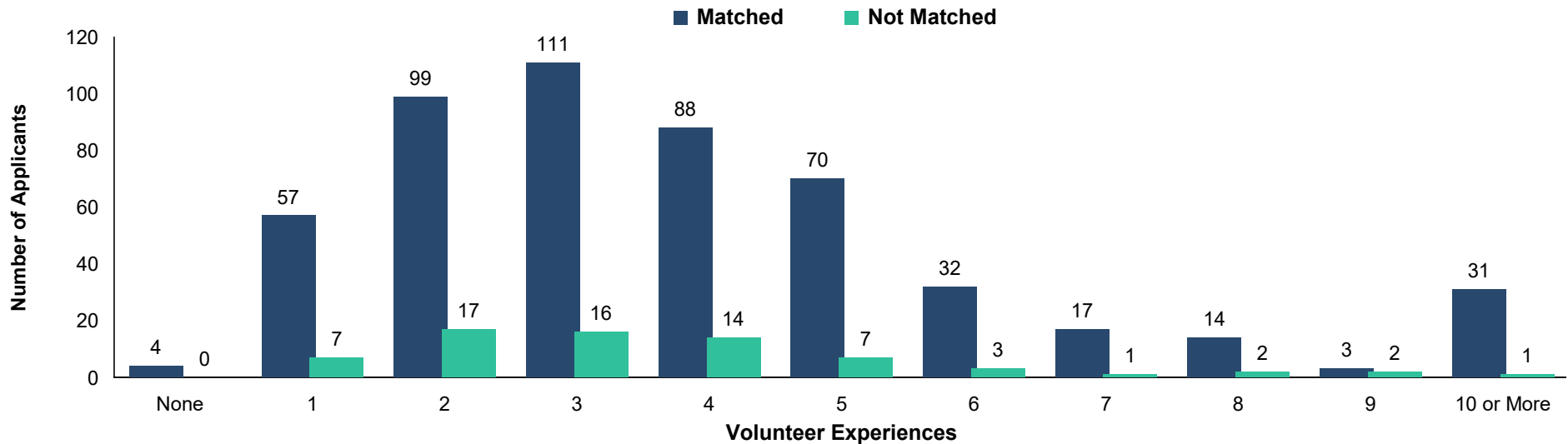
**Chart
DR-7**

Number of Work Experiences of U.S. MD Seniors
Diagnostic Radiology



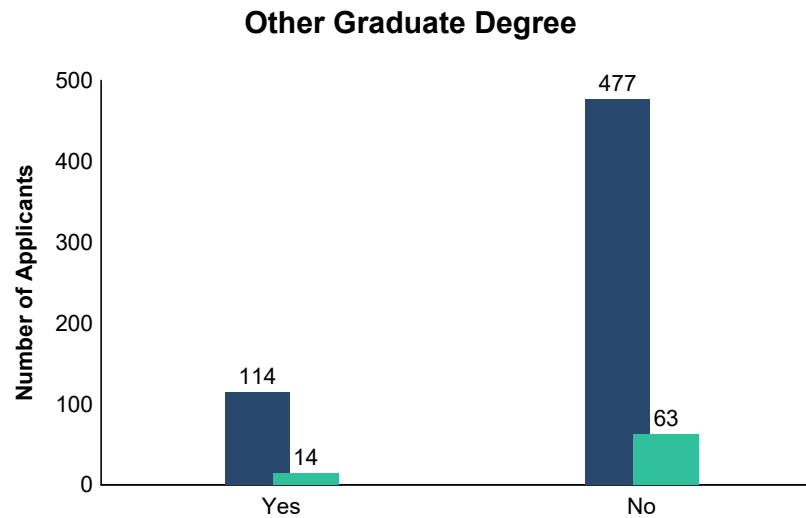
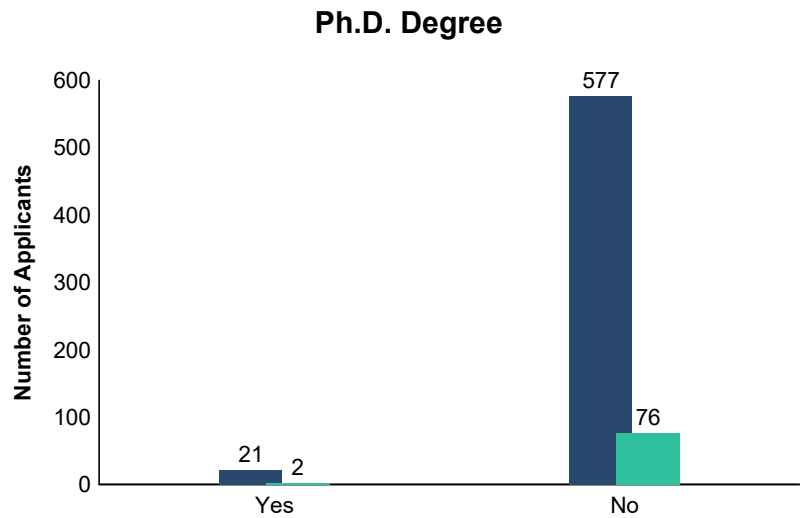
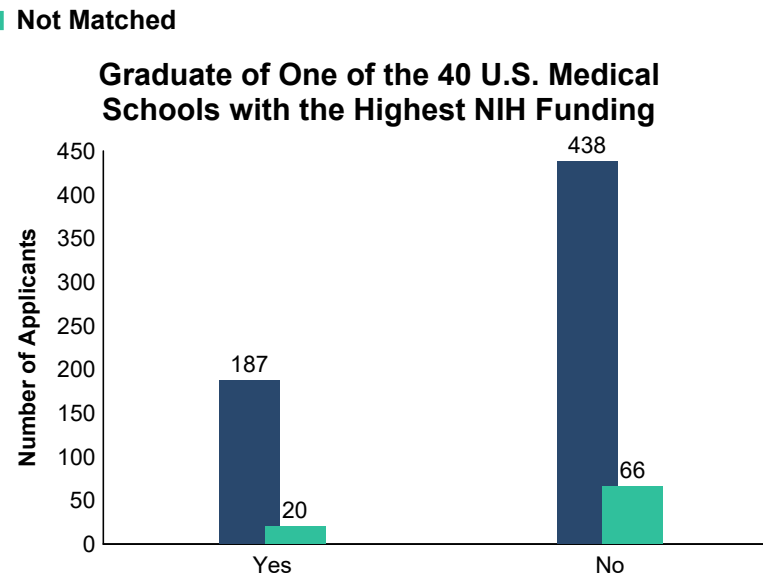
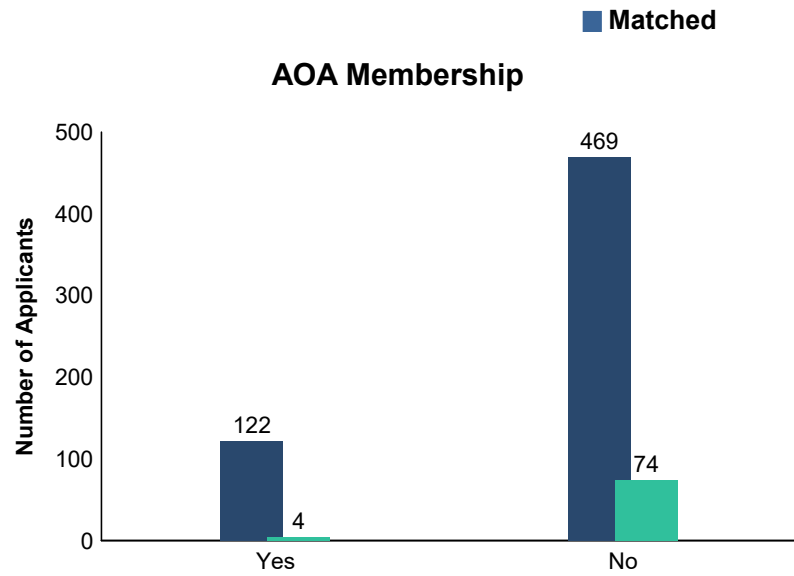
**Chart
DR-8**

Number of Volunteer Experiences of U.S. MD Seniors
Diagnostic Radiology



Source: NRMP Data Warehouse

Other Characteristics of U.S. MD Seniors
Diagnostic Radiology



Source: NRMP Data Warehouse. Top 40 U.S. medical schools with the highest NIH funding from NIH: <http://report.nih.gov/award/index.cfm>

EM Emergency Medicine

Table EM-1 **Summary Statistics on U.S. MD Seniors**
Emergency Medicine

Measure	Matched (n=1,027)	Unmatched (n=20)
1. Mean number of contiguous ranks	15.4	4.5
2. Mean number of distinct specialties ranked	1.0	1.1
3. Mean USMLE Step 1 score*	224	220
4. Mean USMLE Step 2 score	248	234
5. Mean number of research experiences	2.8	2.3
6. Mean number of abstracts, presentations, and publications	5.7	5.0
7. Mean number of work experiences	2.2	2.8
8. Mean number of volunteer experiences	4.4	4.8
9. Percentage who are AOA members	11.8	0.0
10. Percentage who graduated from one of the 40 U.S. medical schools with the highest NIH funding	24.8	15.0
11. Percentage who have Ph.D. degree	1.0	5.0
12. Percentage who have another graduate degree	19.9	35.0

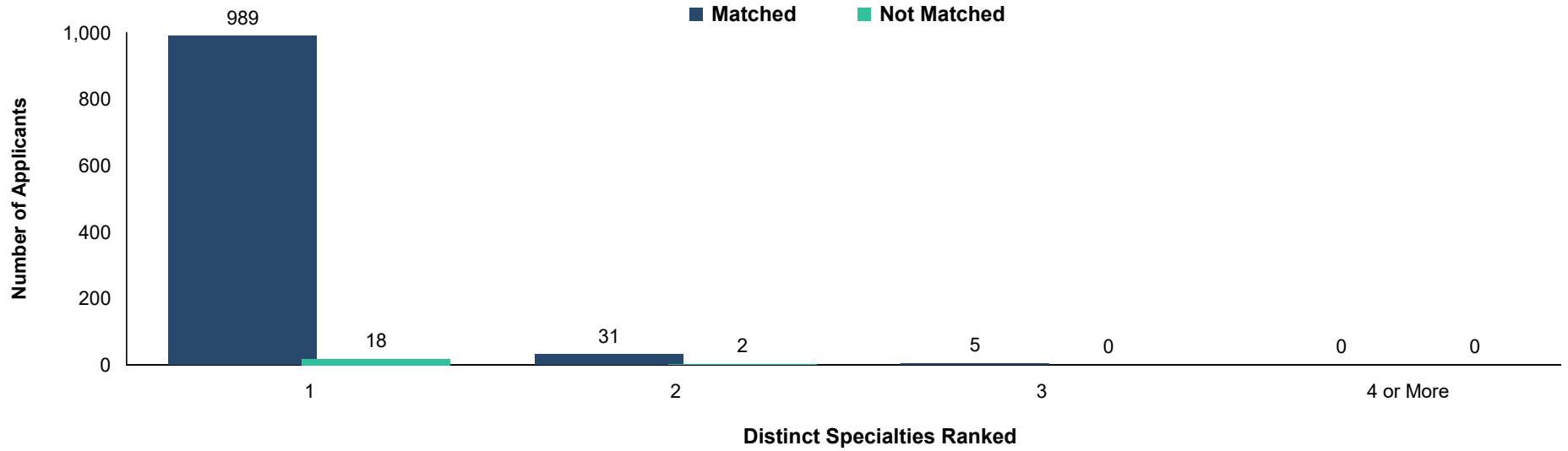
Note: Only U.S. MD seniors who gave consent to use their information in research are included.

*Only applicants who indicated completion of the USMLE Step 1 exam prior to the transition to pass/fail (i.e., prior to January 26, 2022) had the option to self-report their Step 1 numeric score. In 2024, only 2,143 U.S. MD seniors self-reported Step 1 numeric scores.

Sources. NRMP Data Warehouse; Top 40 U.S. medical schools with the highest NIH funding in measure 10 is from the NIH website (<http://report.nih.gov/award/index.cfm>).

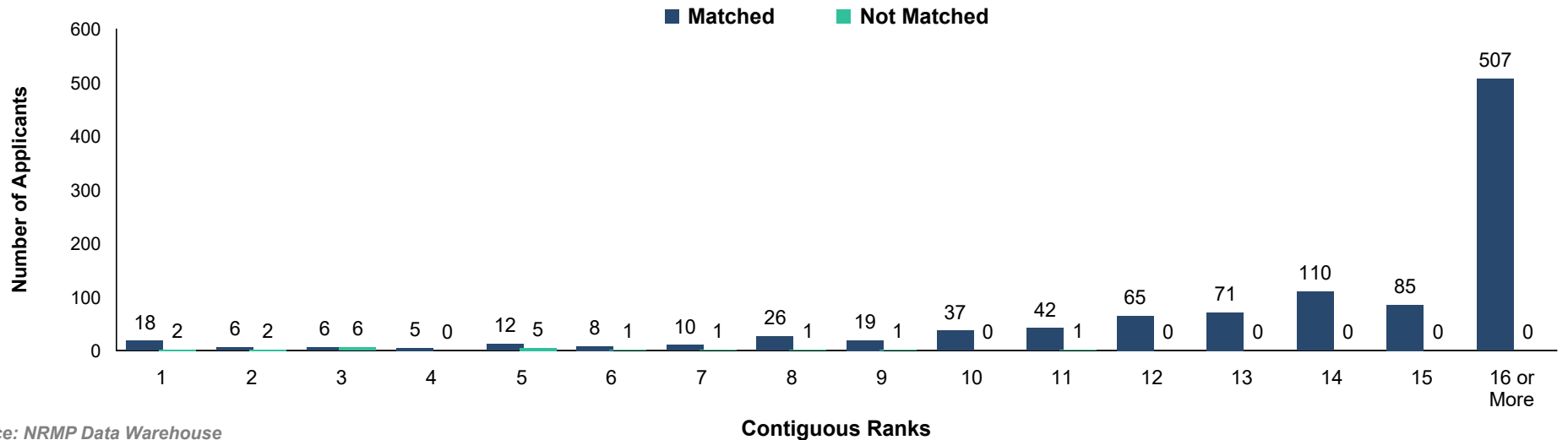
**Chart
EM-1**

**Number of Distinct Specialties Ranked by U.S. MD Seniors
*Emergency Medicine***



**Chart
EM-2**

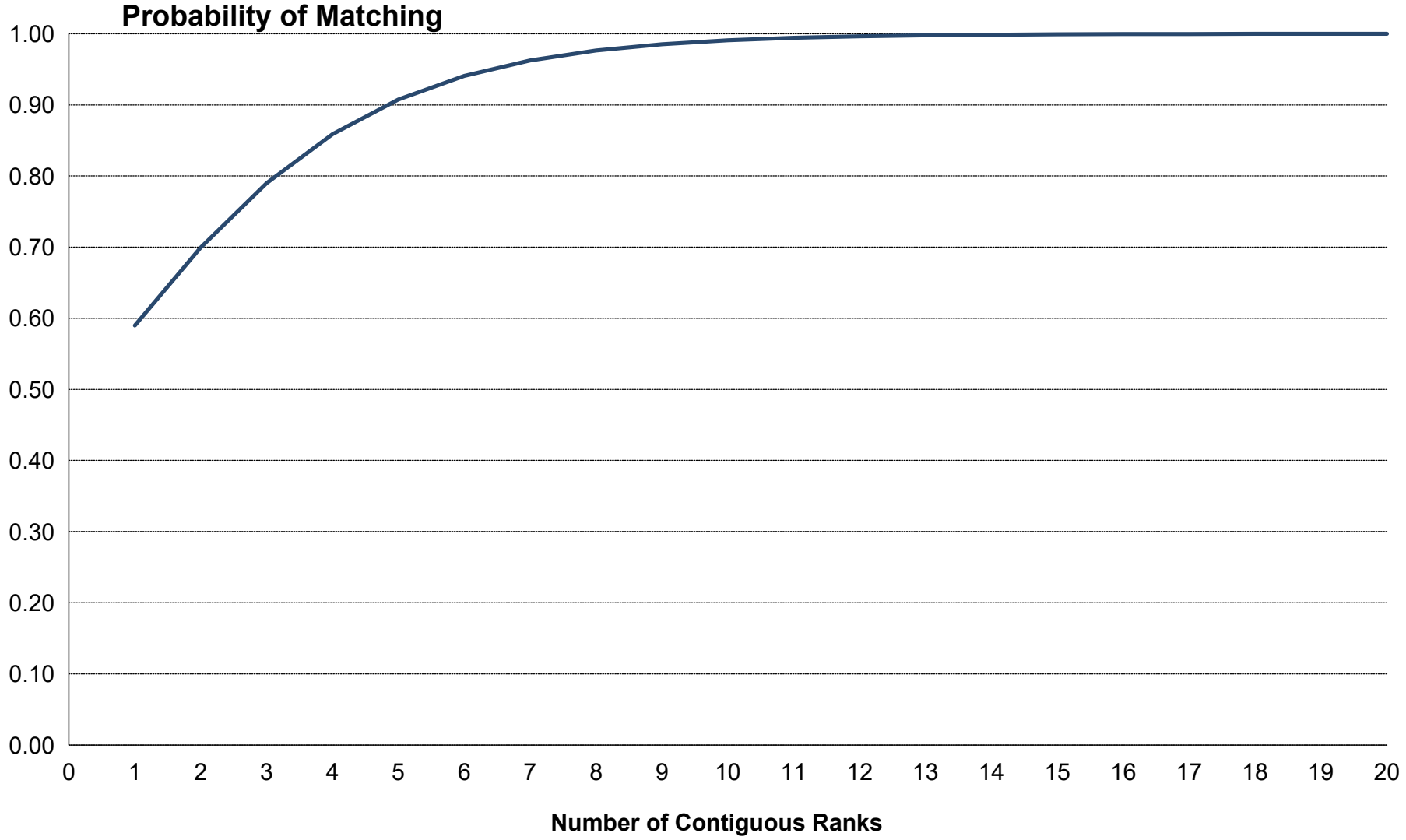
**Number of Contiguous Ranks of U.S. MD Seniors
*Emergency Medicine***



Source: NRMP Data Warehouse

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

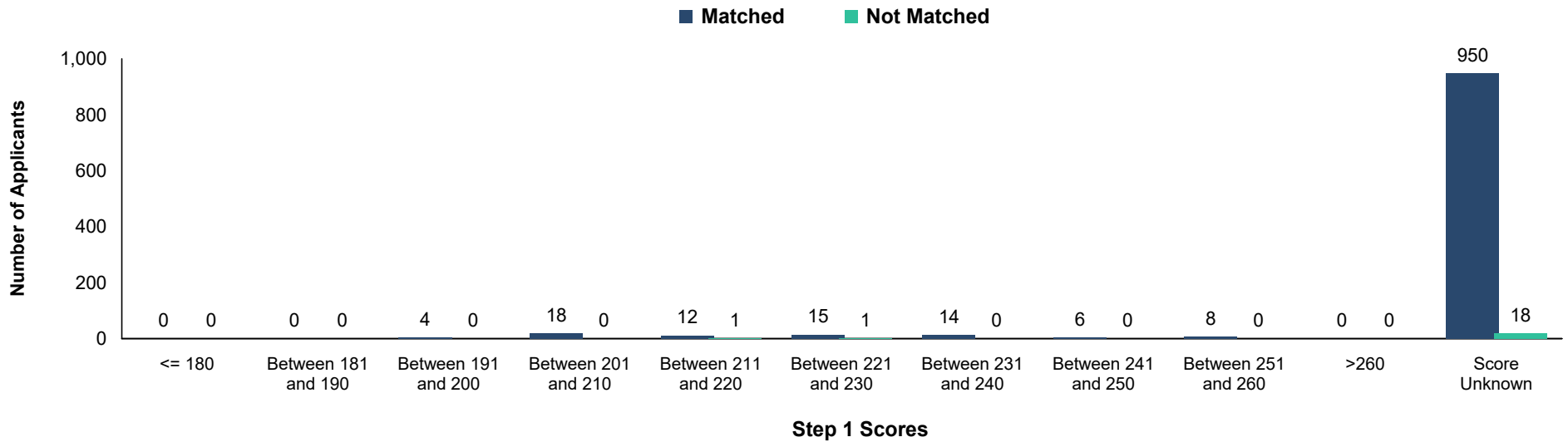
Emergency Medicine



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants

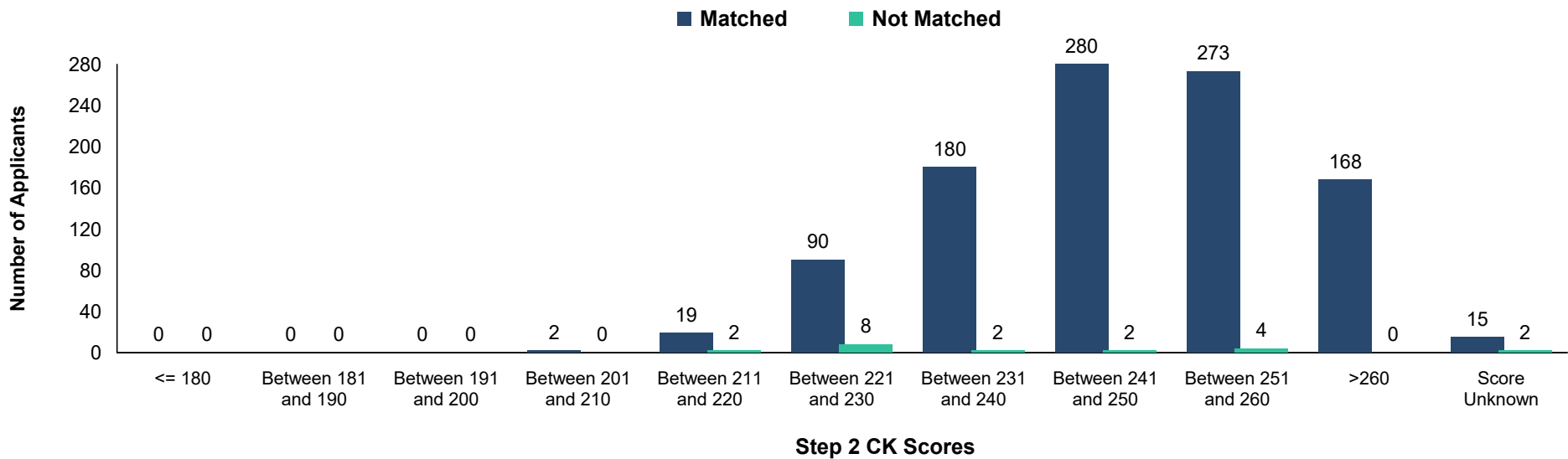
**Chart
EM-3**

**USMLE Step 1 Scores of U.S. MD Seniors
Emergency Medicine**

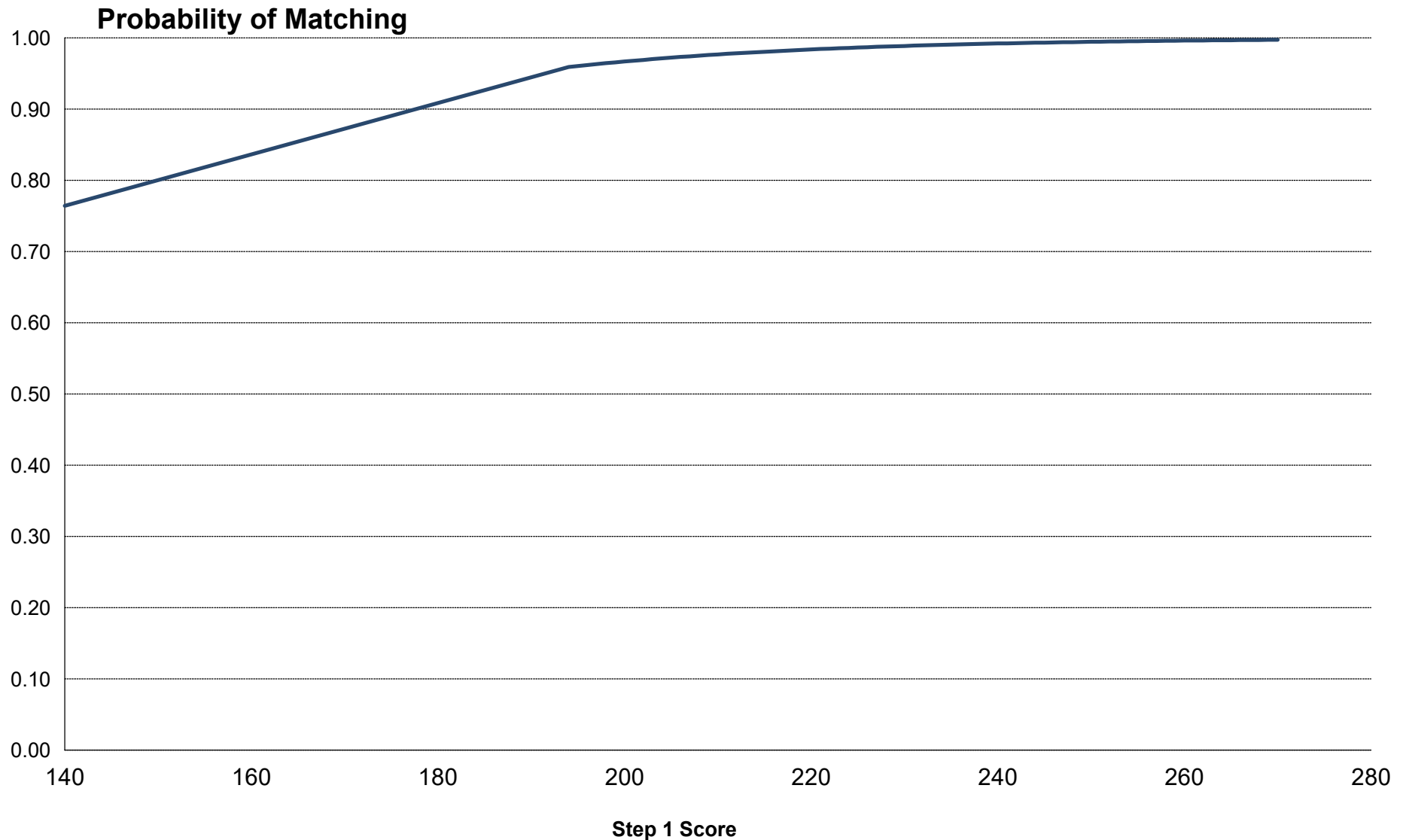


**Chart
EM-4**

**USMLE Step 2 CK Scores of U.S. MD Seniors
Emergency Medicine**



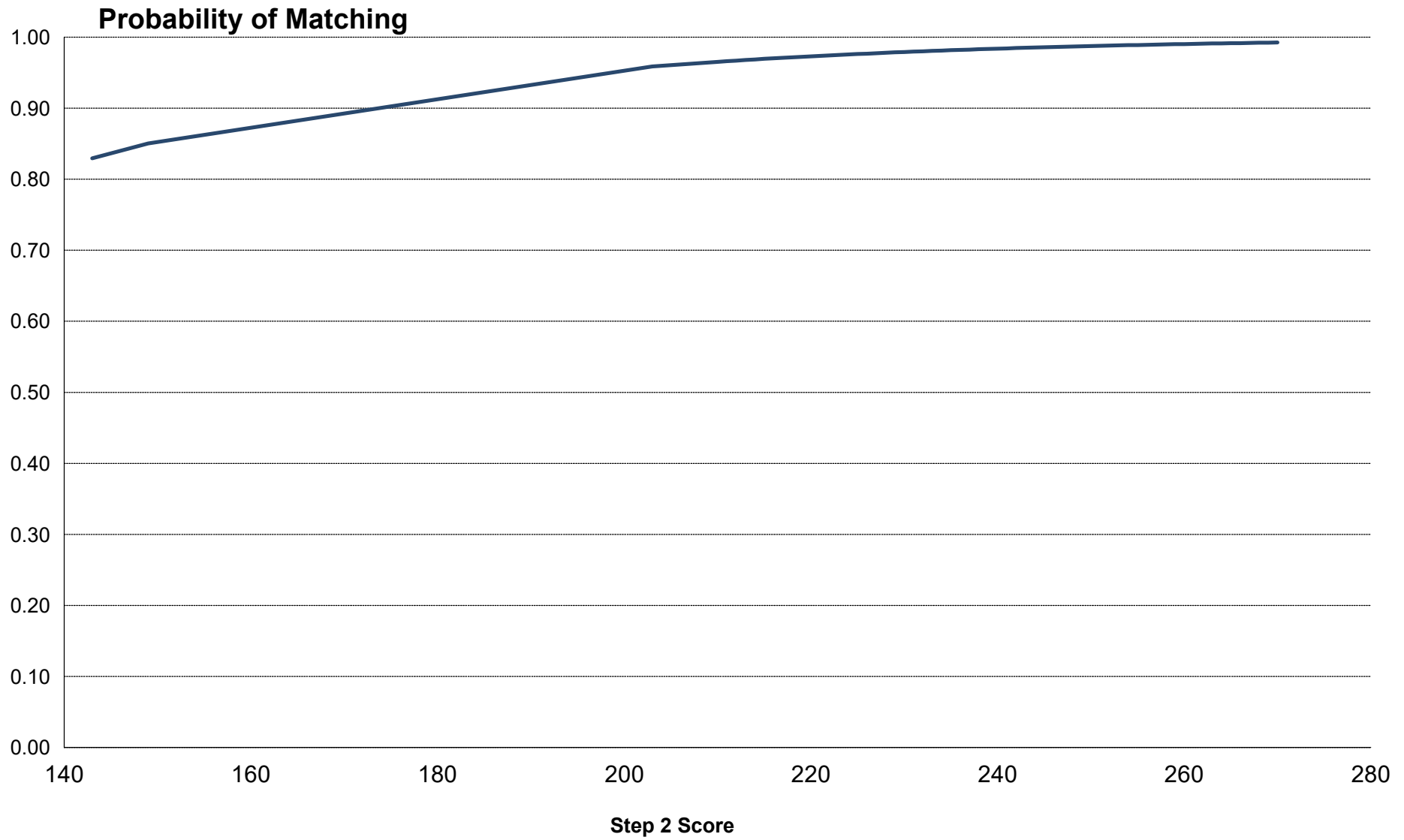
Probability of U.S. MD Seniors Matching to Preferred Specialty by USMLE Step 1 Score *Emergency Medicine*



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants.

Probability of U.S. MD Seniors Matching to Preferred Specialty by USMLE Step 2 Score

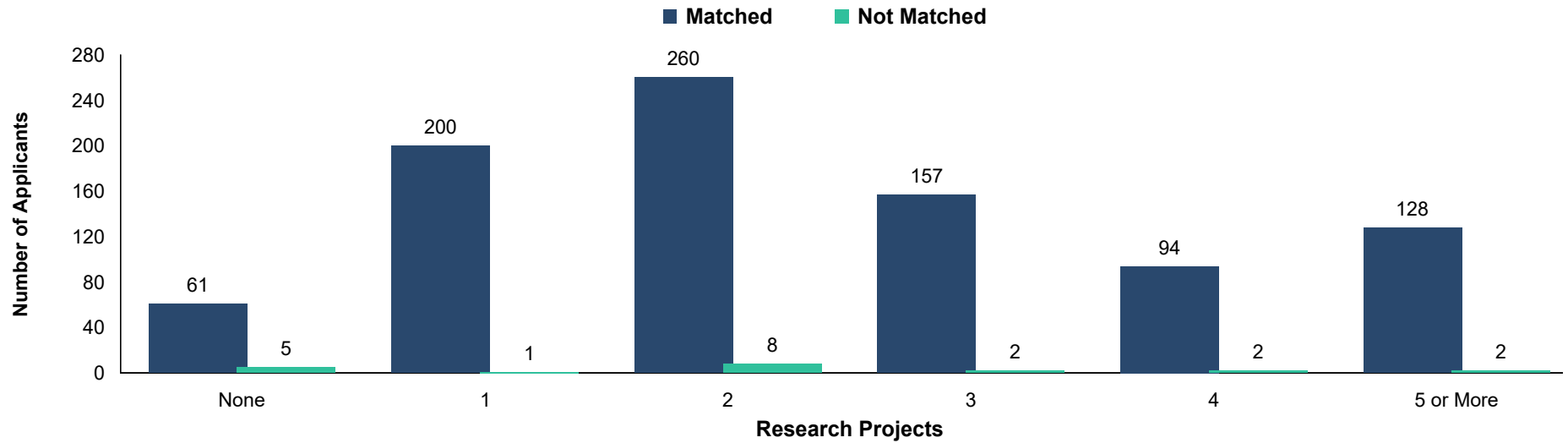
Emergency Medicine



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants.

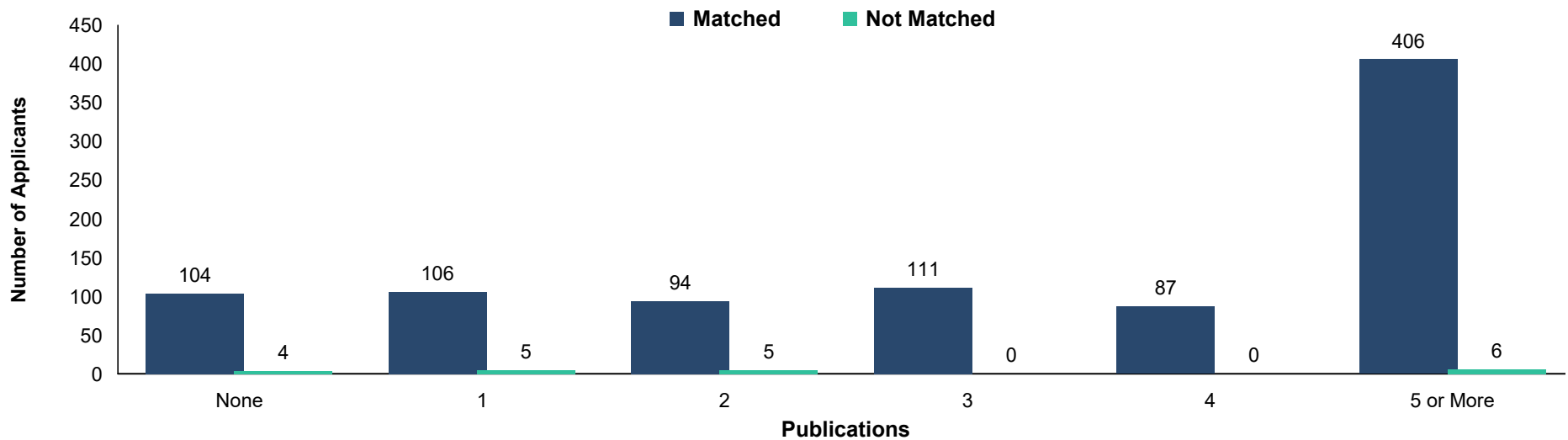
**Chart
EM-5**

**Number of Research Projects of U.S. MD Seniors
Emergency Medicine**



**Chart
EM-6**

**Number of Abstracts, Presentations, and Publications of U.S. MD Seniors
Emergency Medicine**



Source: NRMP Data Warehouse

Chart EM-7 Number of Work Experiences of U.S. MD Seniors
Emergency Medicine

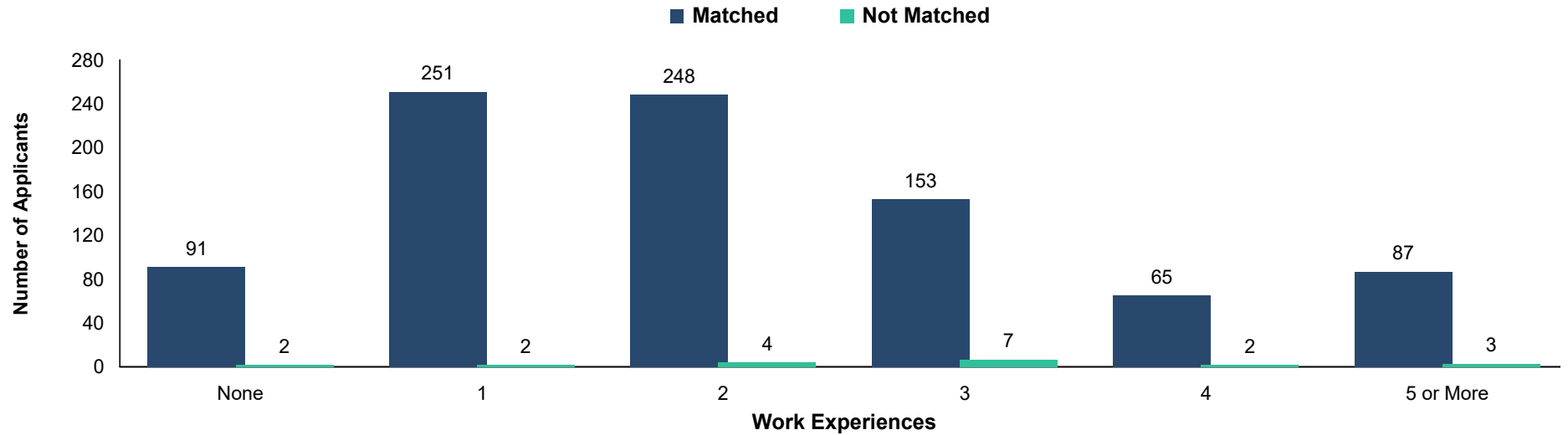
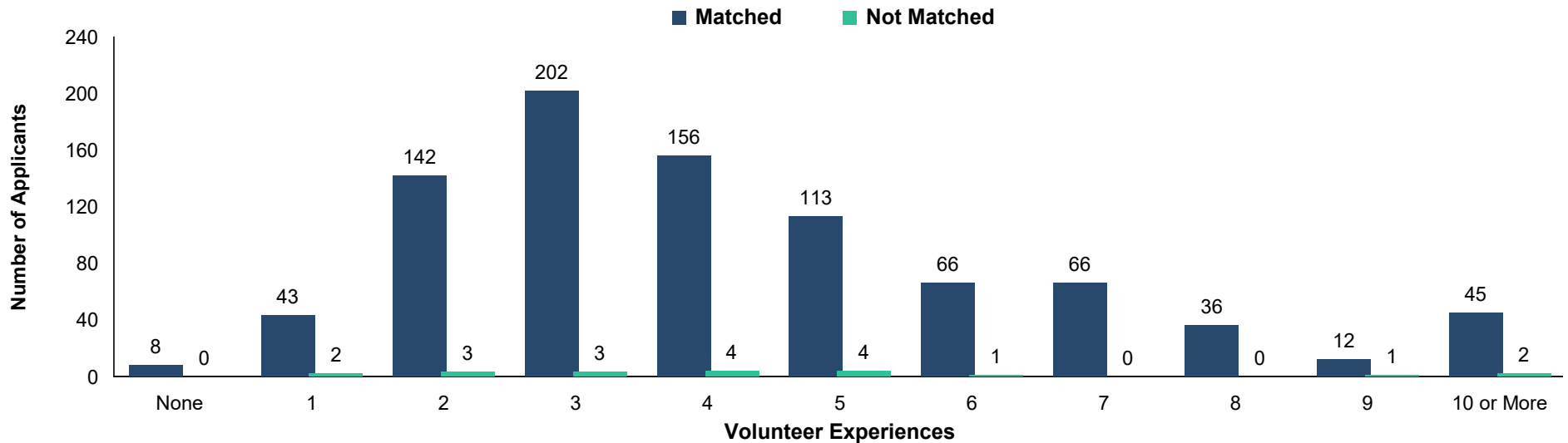


Chart EM-8 Number of Volunteer Experiences of U.S. MD Seniors
Emergency Medicine

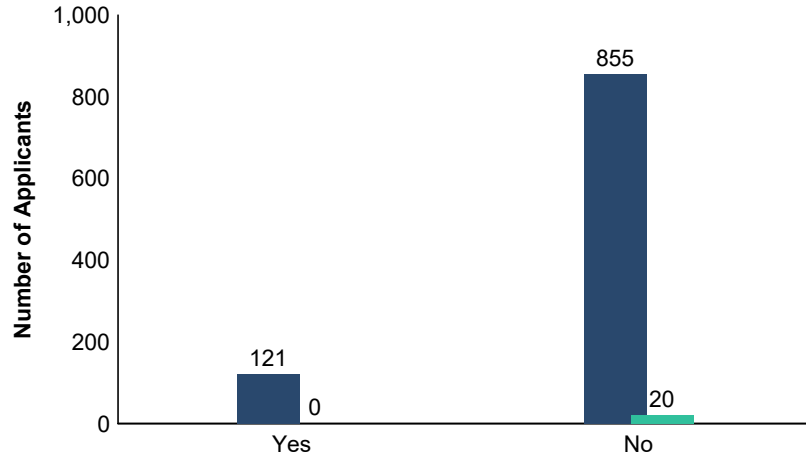


Source: NRMP Data Warehouse

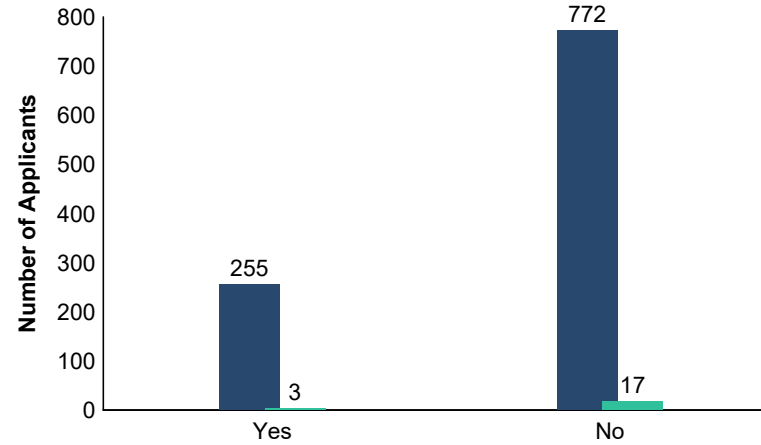
Other Characteristics of U.S. MD Seniors
Emergency Medicine

■ Matched ■ Not Matched

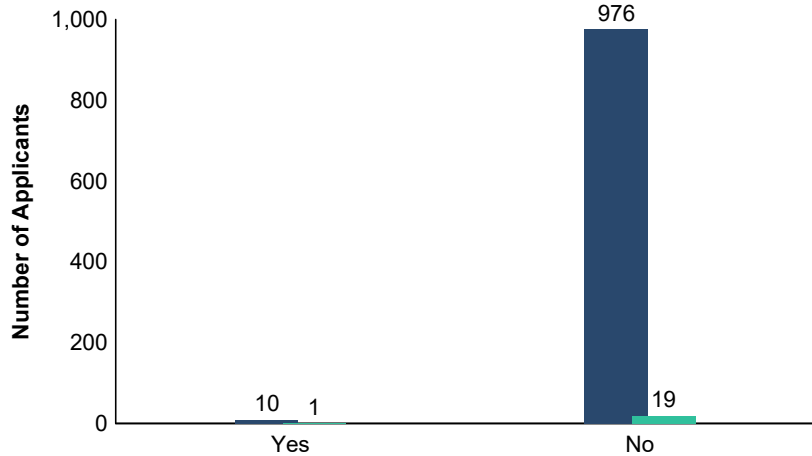
AOA Membership



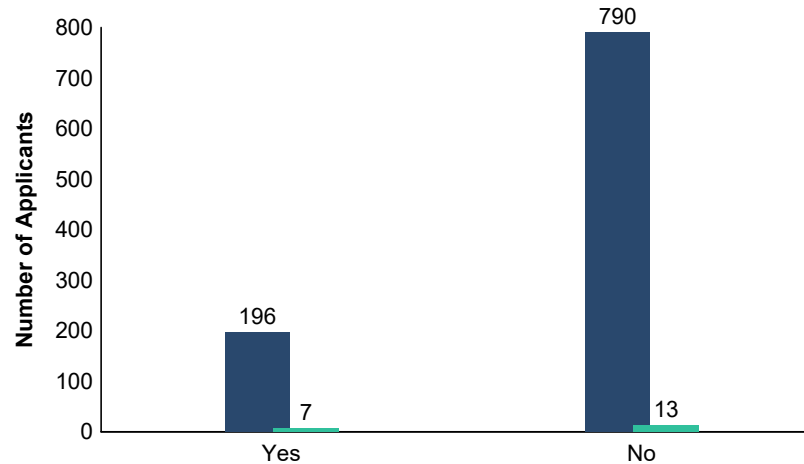
Graduate of One of the 40 U.S. Medical Schools with the Highest NIH Funding



Ph.D. Degree



Other Graduate Degree



Source: NRMP Data Warehouse. Top 40 U.S. medical schools with the highest NIH funding from NIH: <http://report.nih.gov/award/index.cfm>

FM Family Medicine

Table FM-1 **Summary Statistics on U.S. MD Seniors**
Family Medicine

Measure	Matched (n=1,170)	Unmatched (n=12)
1. Mean number of contiguous ranks	13.5	5.1
2. Mean number of distinct specialties ranked	1.0	1.2
3. Mean USMLE Step 1 score*	217	208
4. Mean USMLE Step 2 score	244	231
5. Mean number of research experiences	2.1	1.8
6. Mean number of abstracts, presentations, and publications	4.2	1.4
7. Mean number of work experiences	1.8	2.3
8. Mean number of volunteer experiences	4.6	7.4
9. Percentage who are AOA members	9.4	0.0
10. Percentage who graduated from one of the 40 U.S. medical schools with the highest NIH funding	25.5	16.7
11. Percentage who have Ph.D. degree	0.9	0.0
12. Percentage who have another graduate degree	17.0	8.3

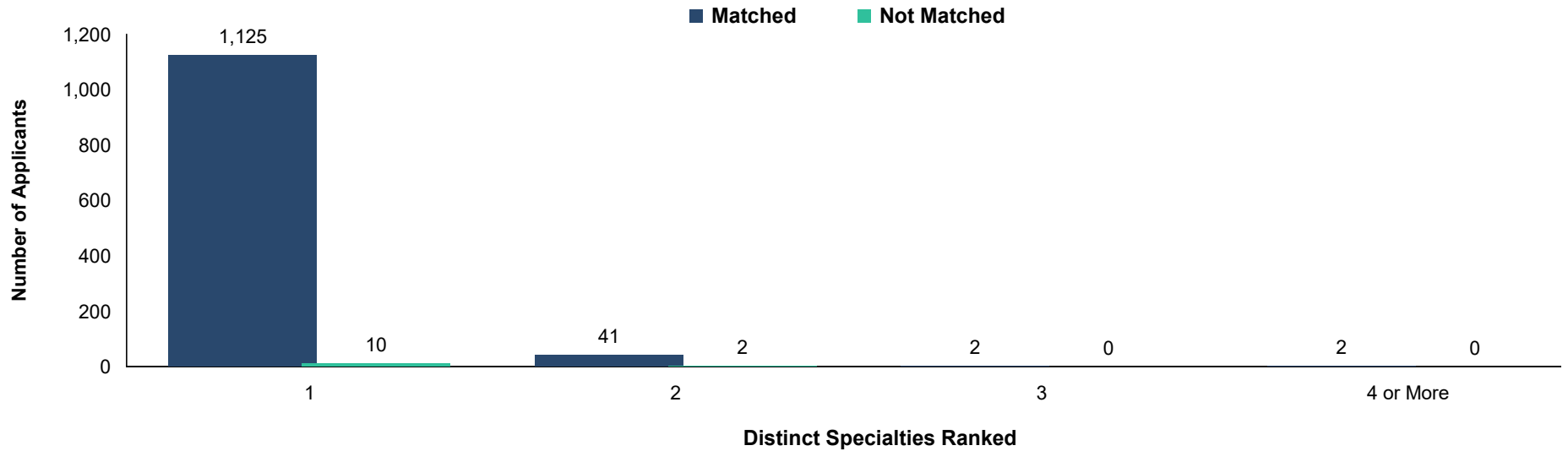
Note: Only U.S. MD seniors who gave consent to use their information in research are included.

*Only applicants who indicated completion of the USMLE Step 1 exam prior to the transition to pass/fail (i.e., prior to January 26, 2022) had the option to self-report their Step 1 numeric score. In 2024, only 2,143 U.S. MD seniors self-reported Step 1 numeric scores.

Sources. NRMP Data Warehouse; Top 40 U.S. medical schools with the highest NIH funding in measure 10 is from the NIH website (<http://report.nih.gov/award/index.cfm>).

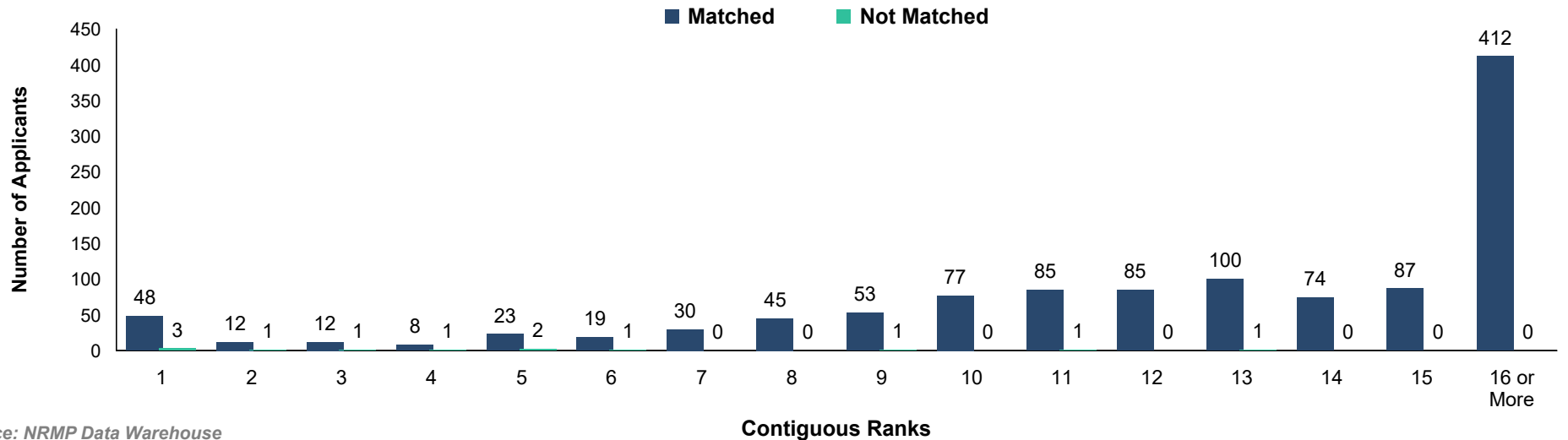
**Chart
FM-1**

**Number of Distinct Specialties Ranked by U.S. MD Seniors
Family Medicine**



**Chart
FM-2**

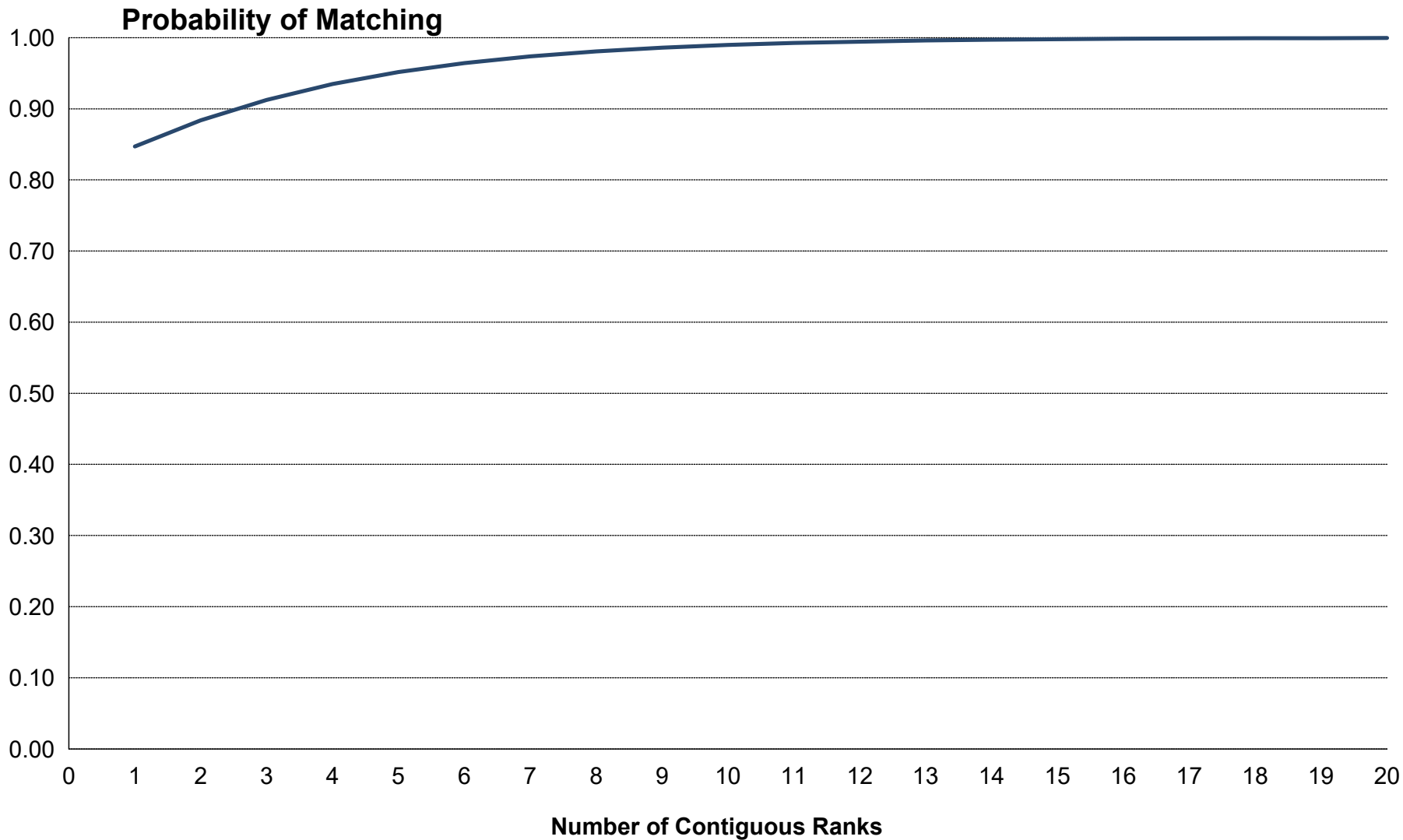
**Number of Contiguous Ranks of U.S. MD Seniors
Family Medicine**



Source: NRMP Data Warehouse

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

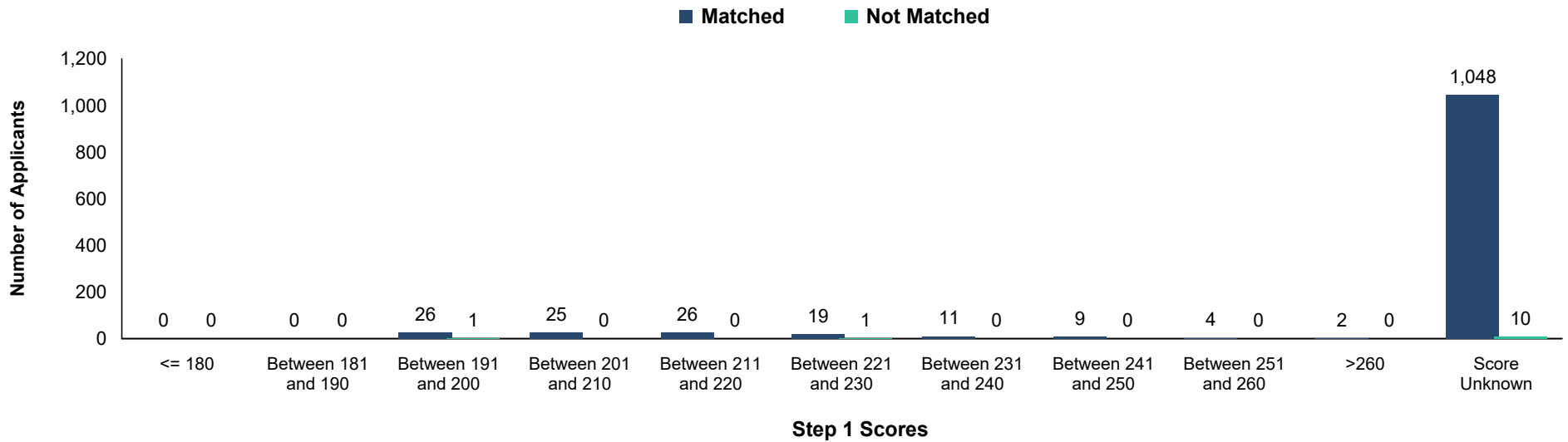
Family Medicine



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants

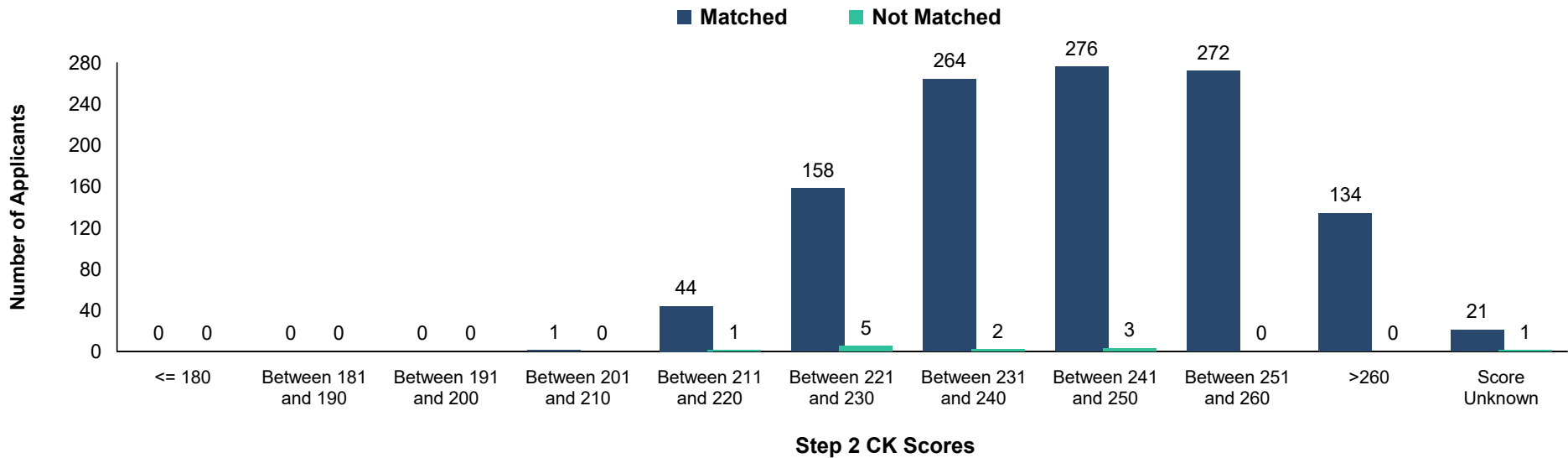
**Chart
FM-3**

**USMLE Step 1 Scores of U.S. MD Seniors
Family Medicine**



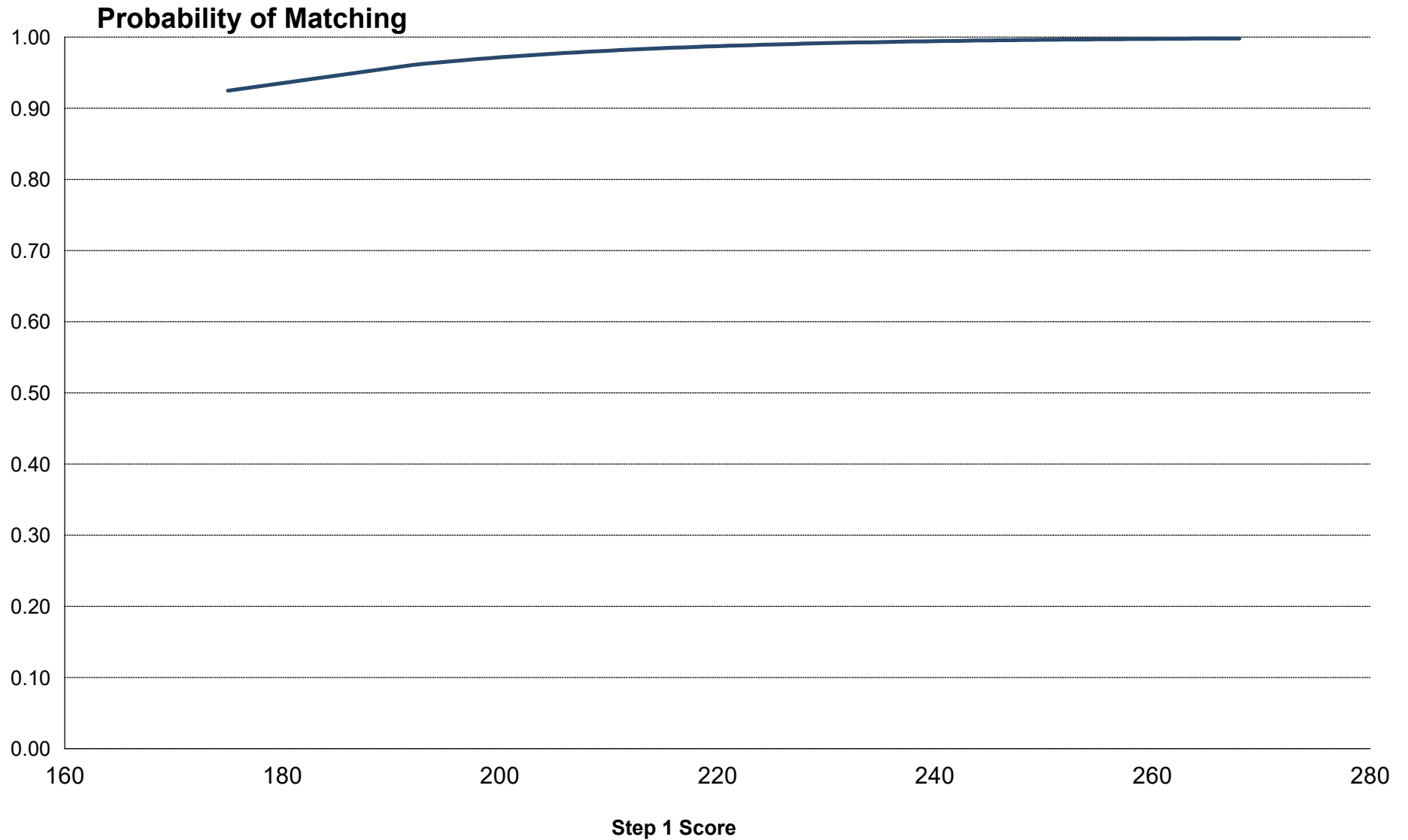
**Chart
FM-4**

**USMLE Step 2 CK Scores of U.S. MD Seniors
Family Medicine**



Probability of U.S. MD Seniors Matching to Preferred Specialty by USMLE Step 1 Score

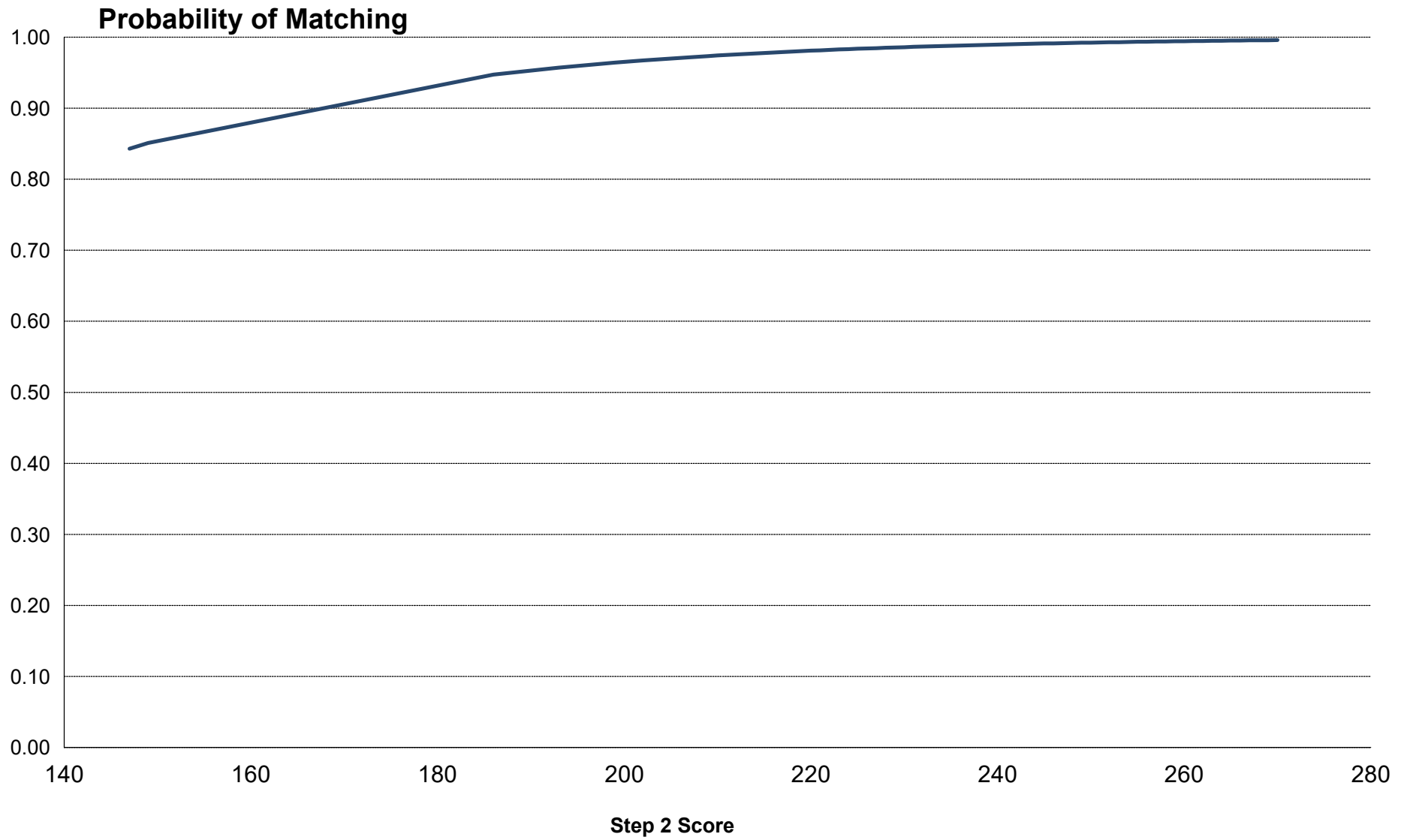
Family Medicine



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants.

Probability of U.S. MD Seniors Matching to Preferred Specialty by USMLE Step 2 Score

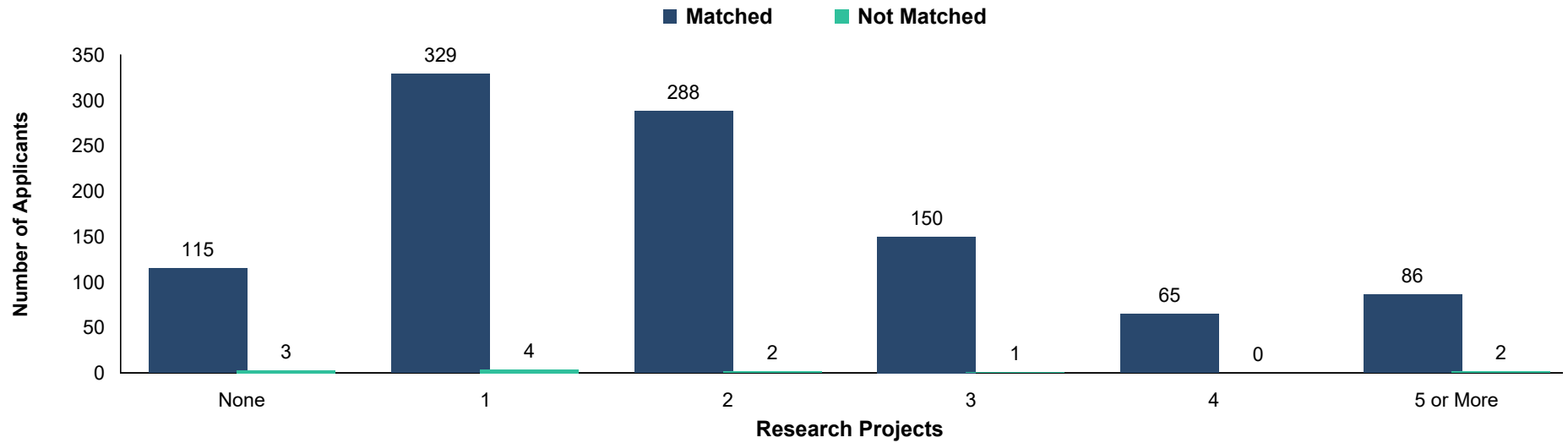
Family Medicine



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants.

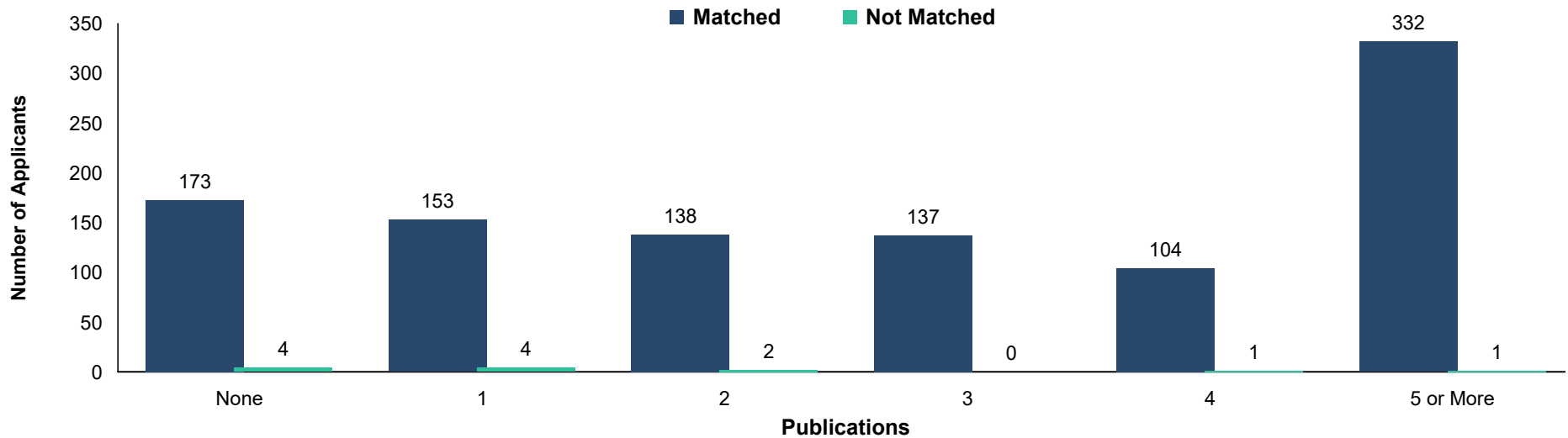
**Chart
FM-5**

**Number of Research Projects of U.S. MD Seniors
Family Medicine**



**Chart
FM-6**

**Number of Abstracts, Presentations, and Publications of U.S. MD Seniors
Family Medicine**



Source: NRMP Data Warehouse

Chart FM-7 Number of Work Experiences of U.S. MD Seniors
Family Medicine

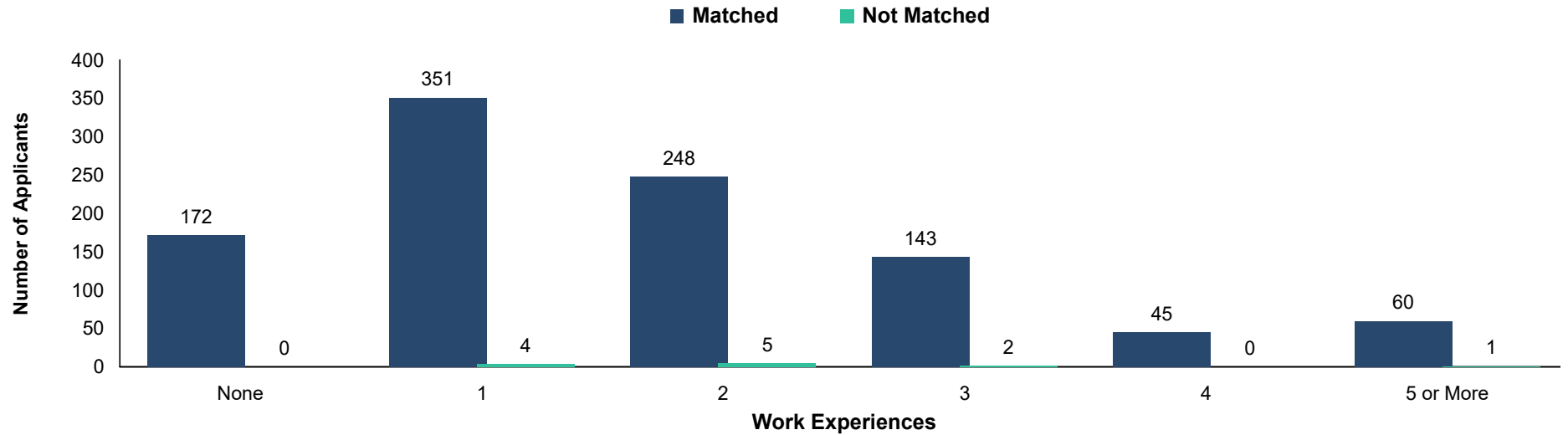
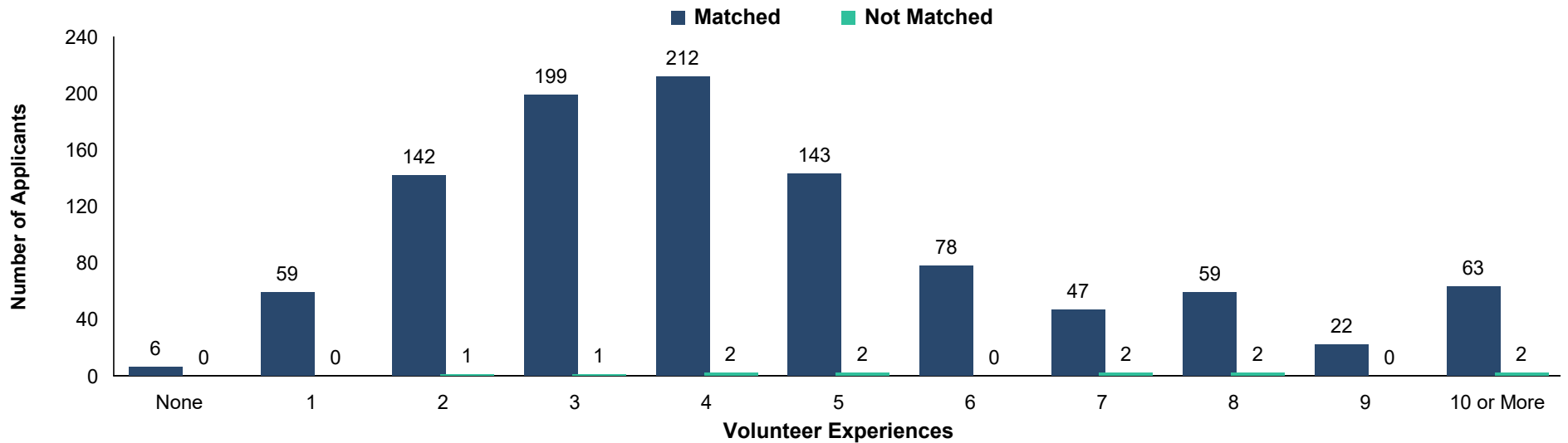


Chart FM-8 Number of Volunteer Experiences of U.S. MD Seniors
Family Medicine

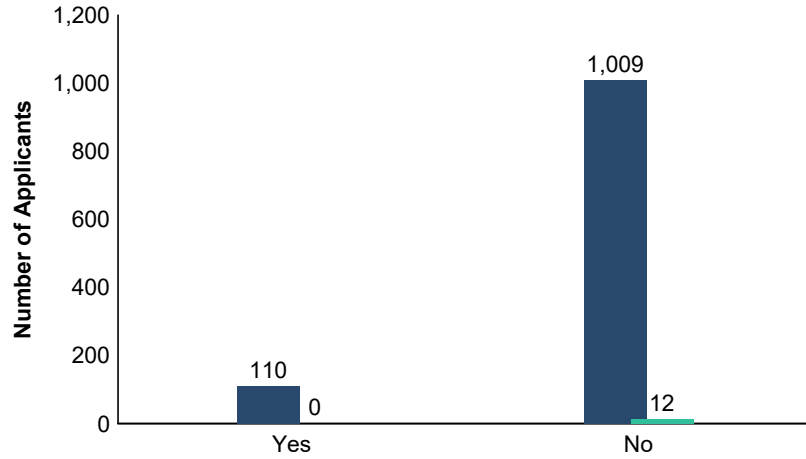


Source: NRMP Data Warehouse

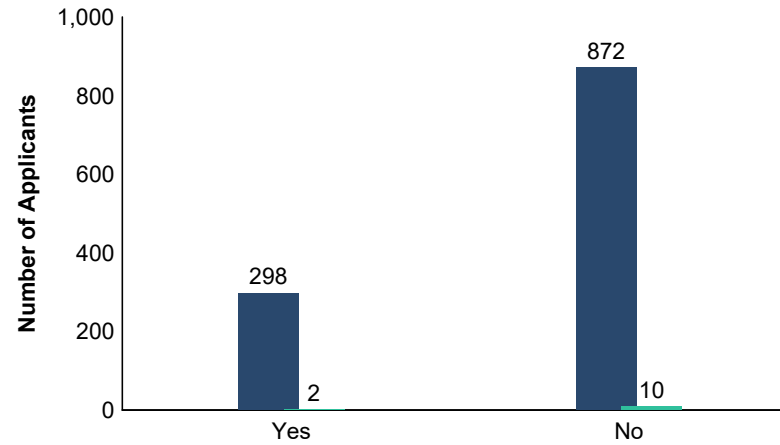
**Other Characteristics of U.S. MD Seniors
Family Medicine**

■ Matched ■ Not Matched

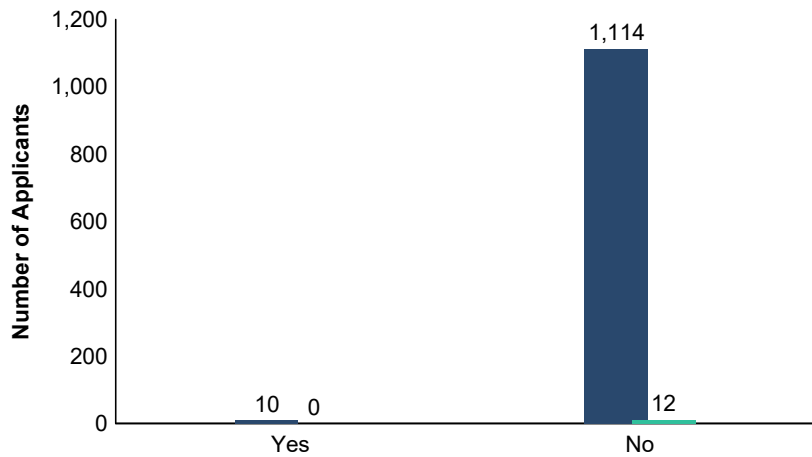
AOA Membership



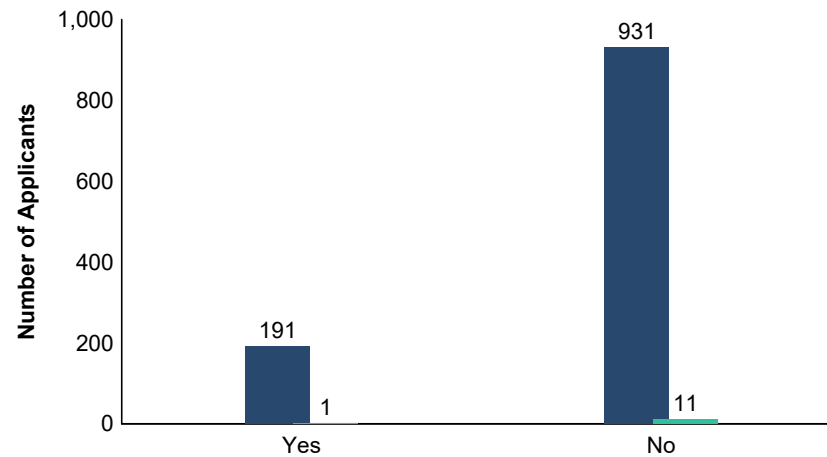
Graduate of One of the 40 U.S. Medical Schools with the Highest NIH Funding



Ph.D. Degree



Other Graduate Degree



Source: NRMP Data Warehouse. Top 40 U.S. medical schools with the highest NIH funding from NIH: <http://report.nih.gov/award/index.cfm>

GS General Surgery

Table GS-1 **Summary Statistics on U.S. MD Seniors**
General Surgery

Measure	Matched (n=858)	Unmatched (n=181)
1. Mean number of contiguous ranks	14.1	5.6
2. Mean number of distinct specialties ranked	1.0	1.1
3. Mean USMLE Step 1 score*	235	215
4. Mean USMLE Step 2 score	253	238
5. Mean number of research experiences	4.2	3.7
6. Mean number of abstracts, presentations, and publications	10.9	7.3
7. Mean number of work experiences	2.0	2.5
8. Mean number of volunteer experiences	4.5	4.2
9. Percentage who are AOA members	22.0	2.8
10. Percentage who graduated from one of the 40 U.S. medical schools with the highest NIH funding	27.7	16.6
11. Percentage who have Ph.D. degree	1.8	1.2
12. Percentage who have another graduate degree	21.7	23.8

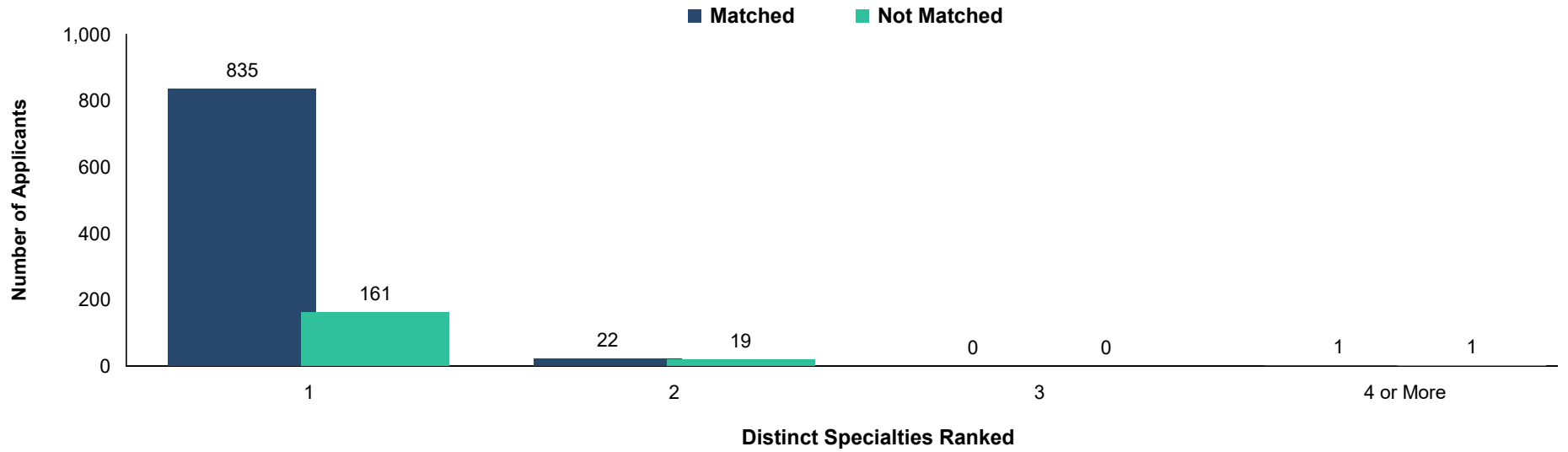
Note: Only U.S. MD seniors who gave consent to use their information in research are included.

*Only applicants who indicated completion of the USMLE Step 1 exam prior to the transition to pass/fail (i.e., prior to January 26, 2022) had the option to self-report their Step 1 numeric score. In 2024, only 2,143 U.S. MD seniors self-reported Step 1 numeric scores.

Sources. NRMP Data Warehouse; Top 40 U.S. medical schools with the highest NIH funding in measure 10 is from the NIH website (<http://report.nih.gov/award/index.cfm>).

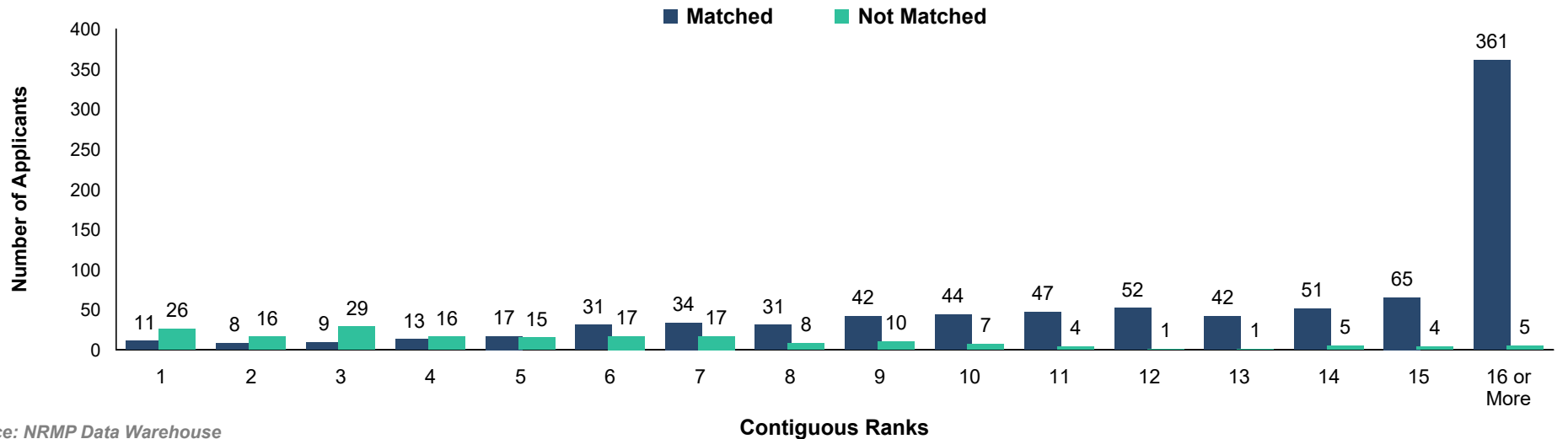
**Chart
GS-1**

**Number of Distinct Specialties Ranked by U.S. MD Seniors
General Surgery**



**Chart
GS-2**

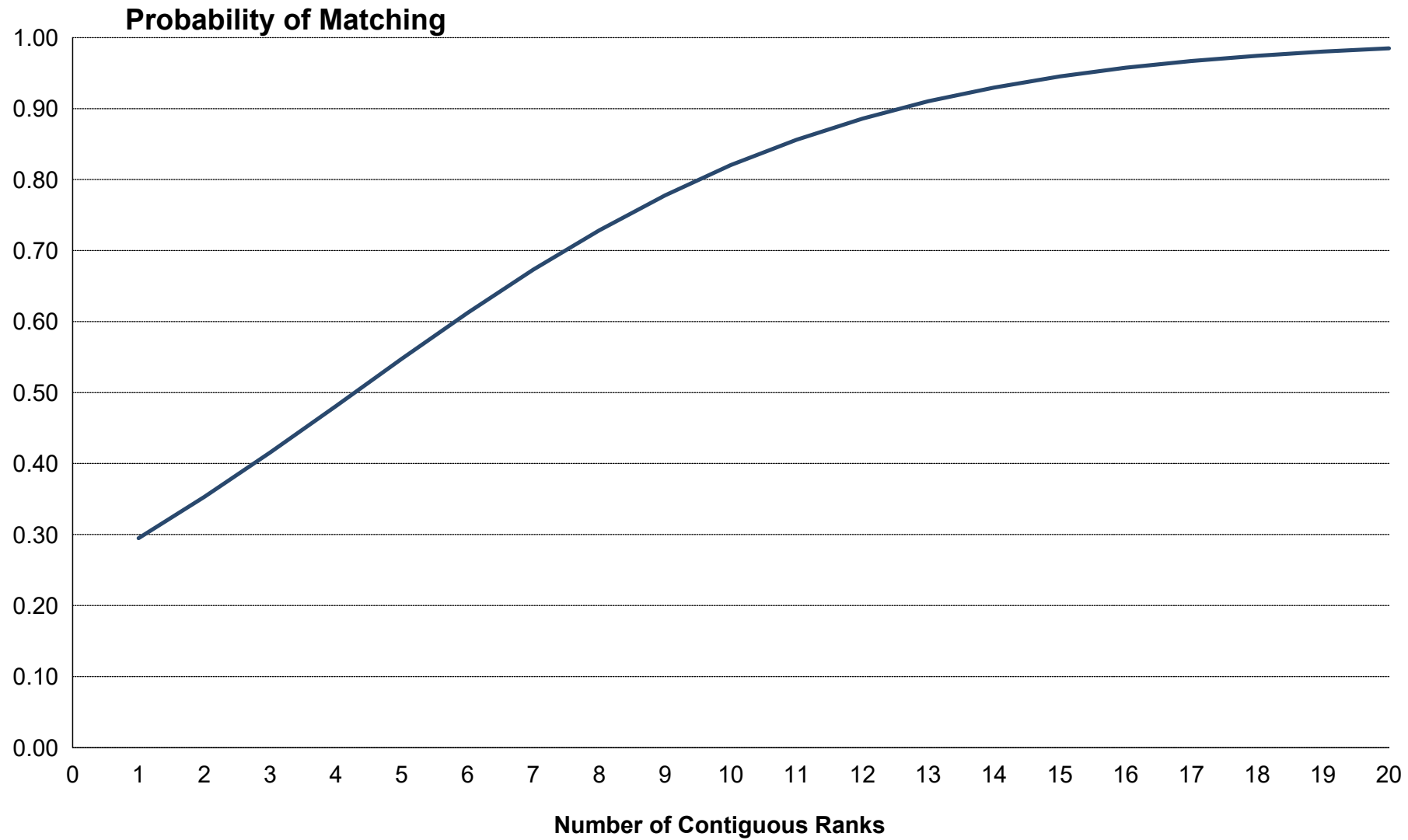
**Number of Contiguous Ranks of U.S. MD Seniors
General Surgery**



Source: NRMP Data Warehouse

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

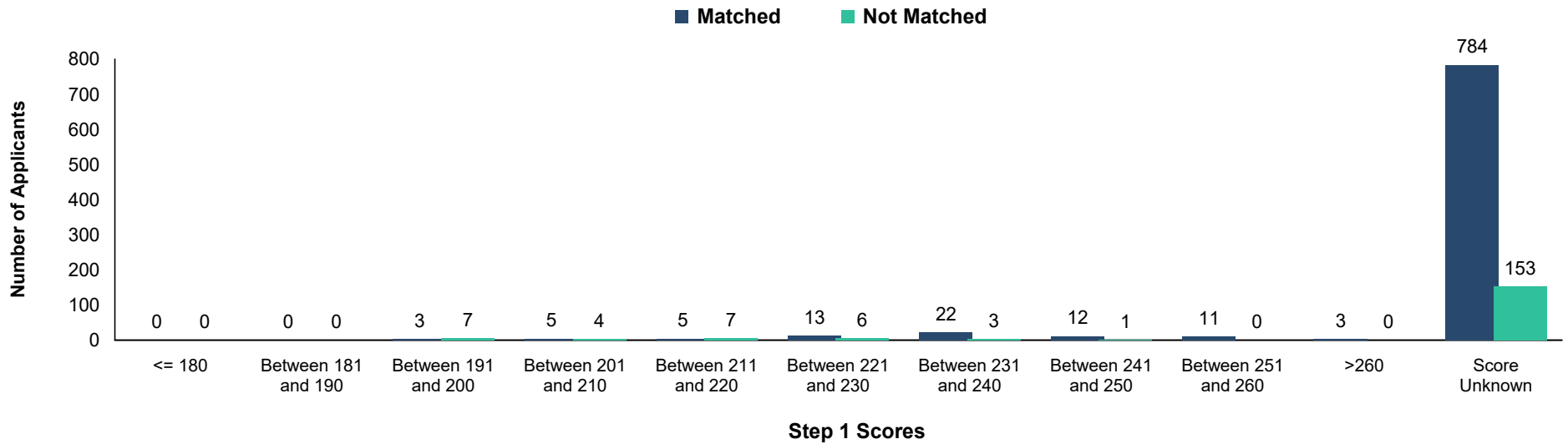
General Surgery



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants

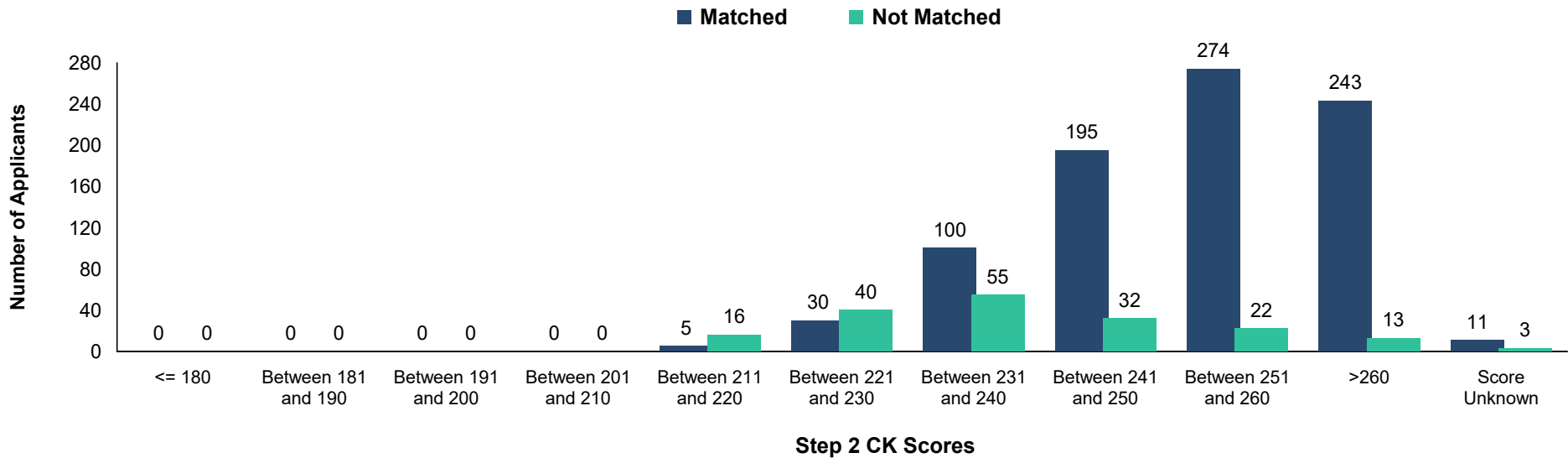
**Chart
GS-3**

**USMLE Step 1 Scores of U.S. MD Seniors
General Surgery**



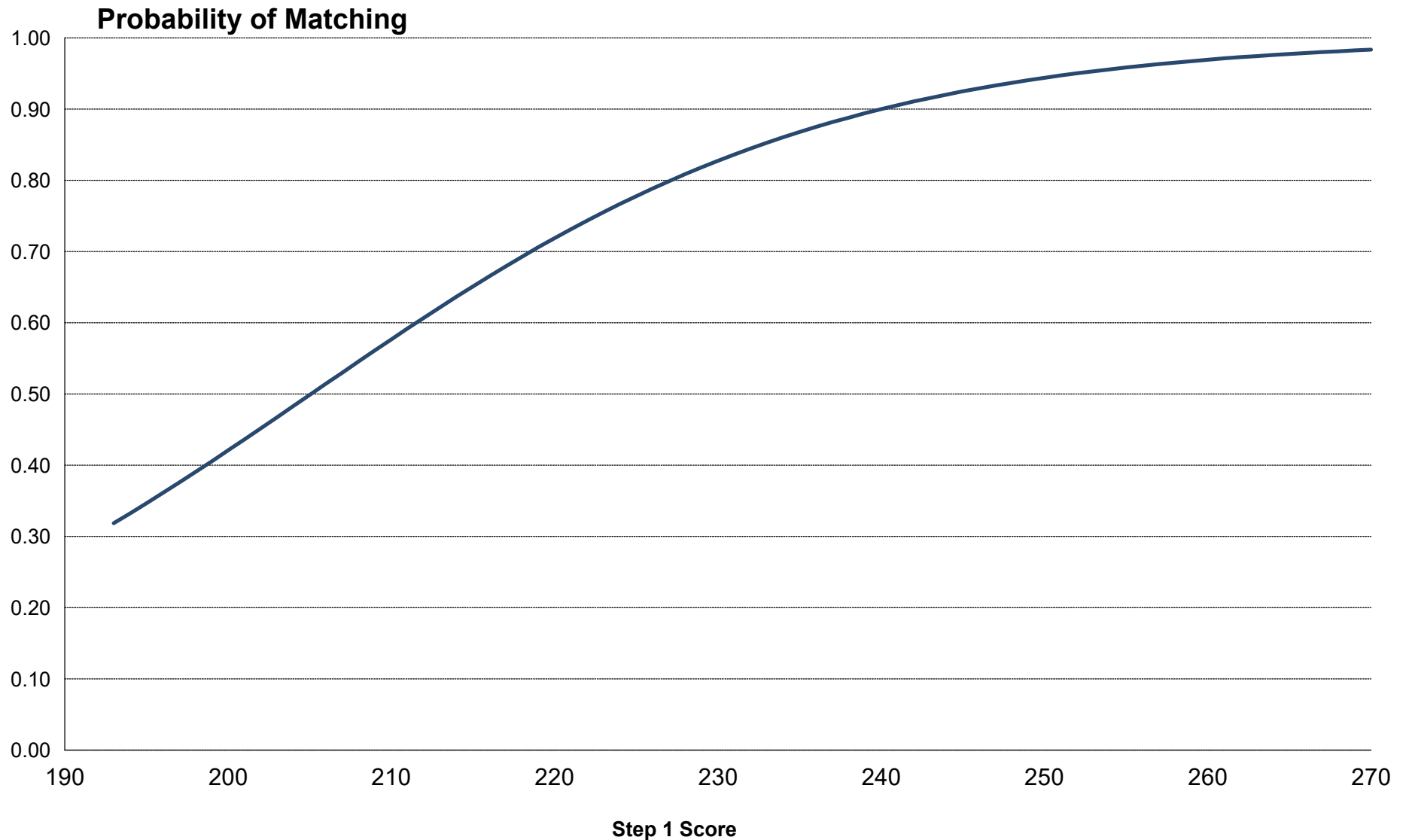
**Chart
GS-4**

**USMLE Step 2 CK Scores of U.S. MD Seniors
General Surgery**



Probability of U.S. MD Seniors Matching to Preferred Specialty by USMLE Step 1 Score

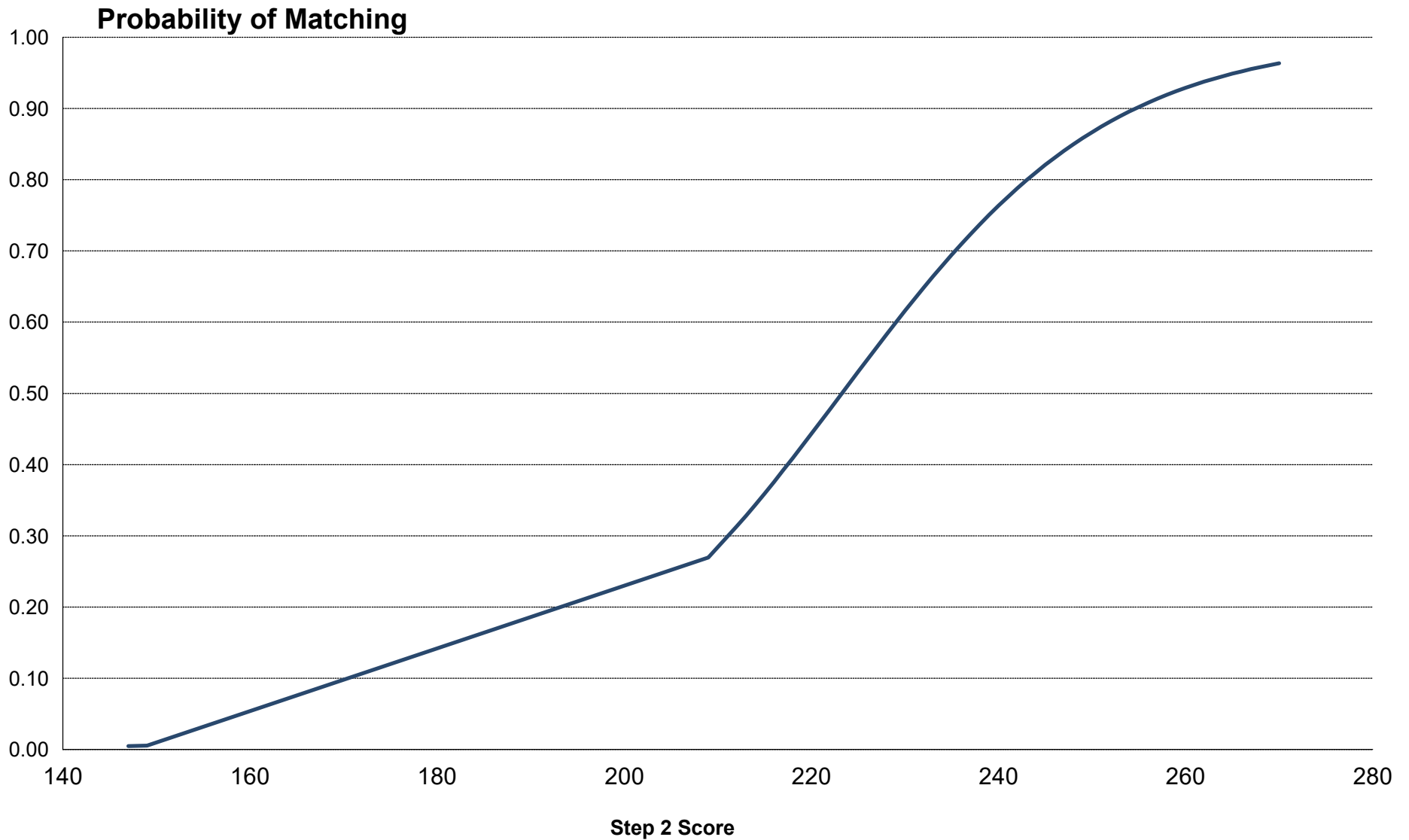
General Surgery



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants.

Probability of U.S. MD Seniors Matching to Preferred Specialty by USMLE Step 2 Score

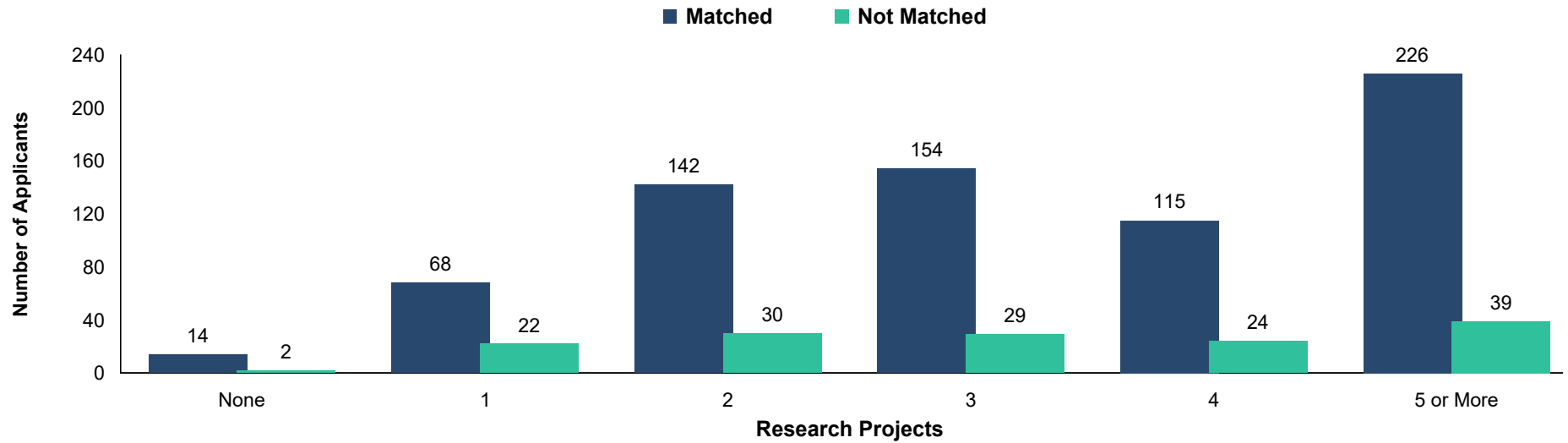
General Surgery



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants.

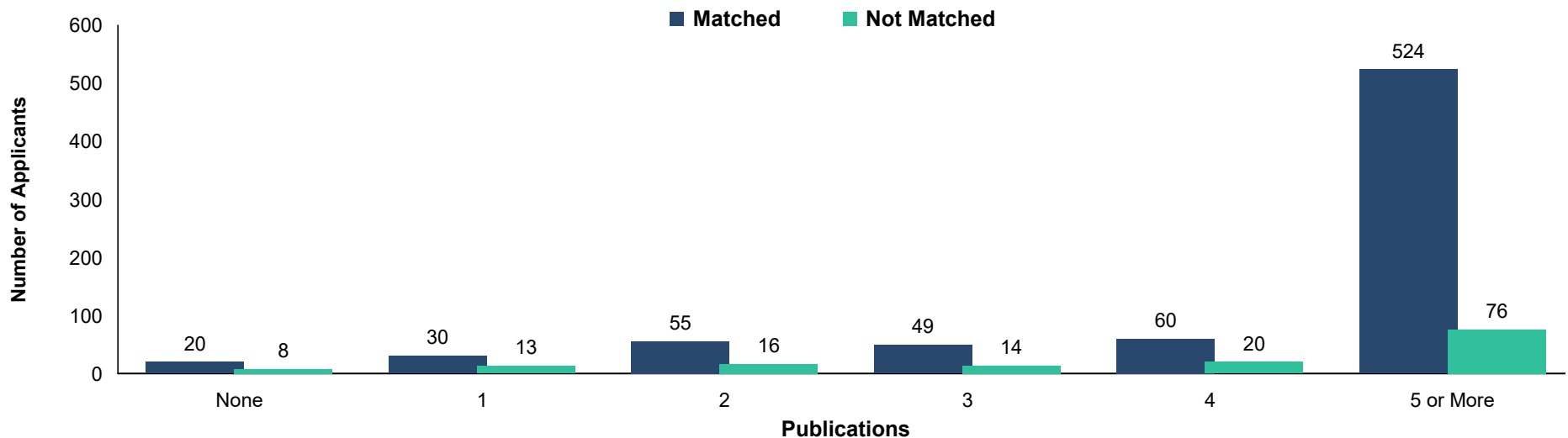
**Chart
GS-5**

**Number of Research Projects of U.S. MD Seniors
General Surgery**



**Chart
GS-6**

**Number of Abstracts, Presentations, and Publications of U.S. MD Seniors
General Surgery**



Source: NRMP Data Warehouse

Chart GS-7 Number of Work Experiences of U.S. MD Seniors
General Surgery

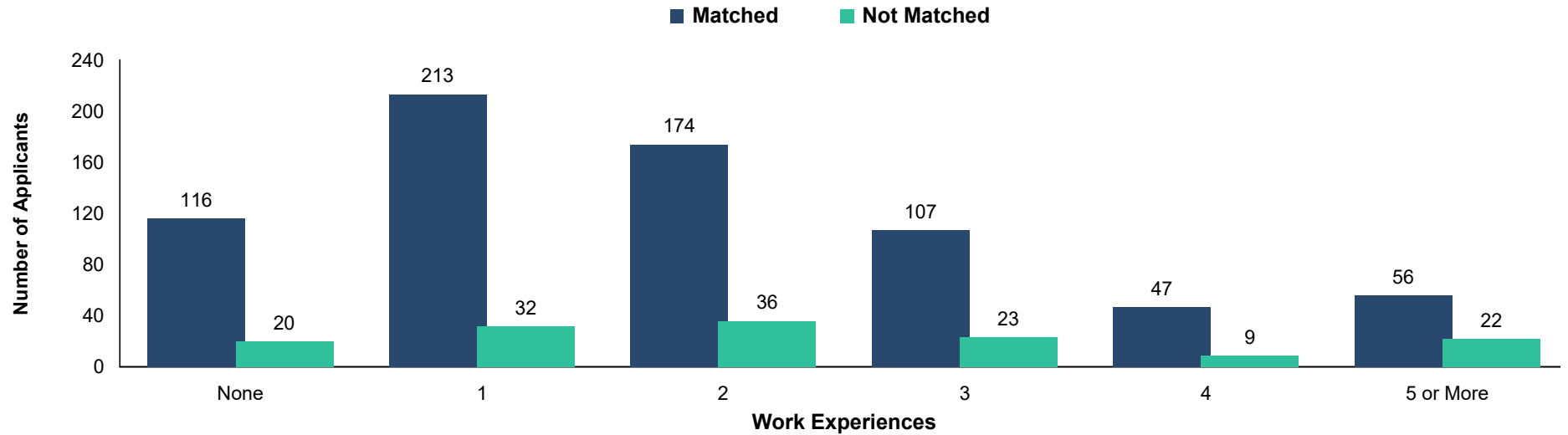
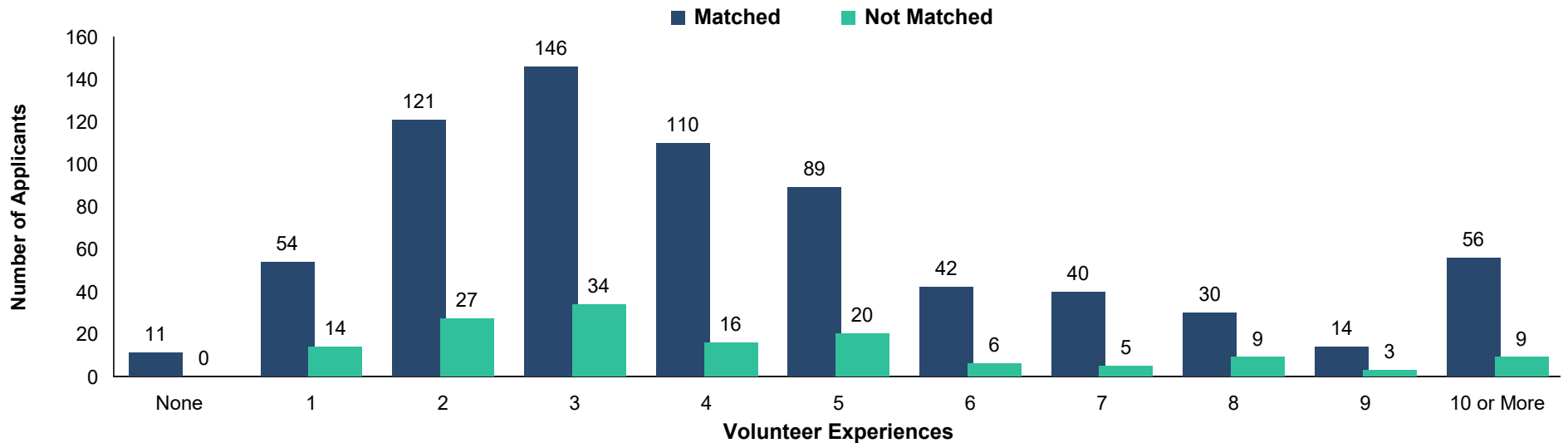
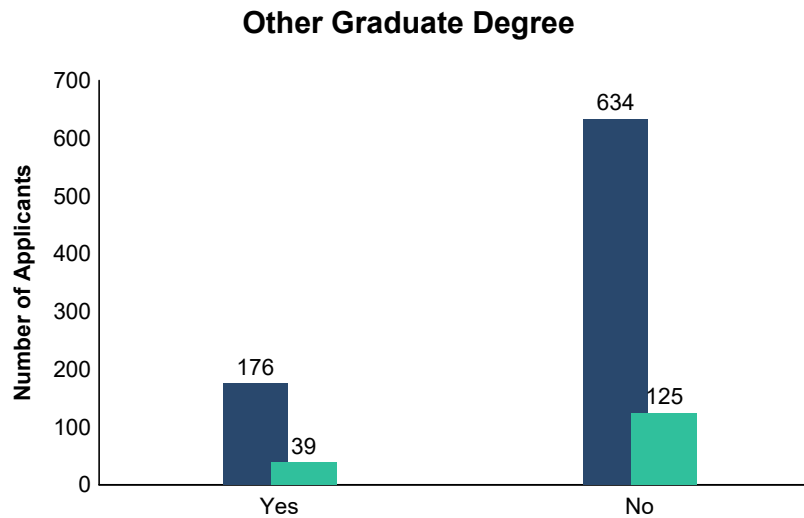
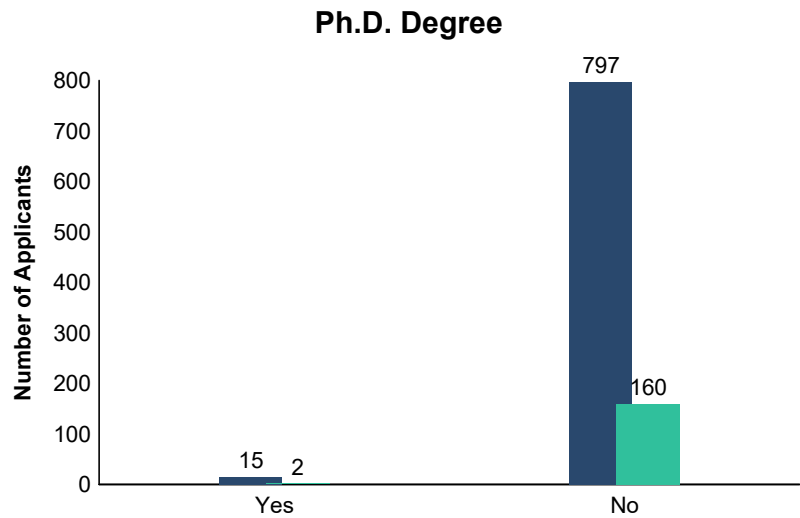
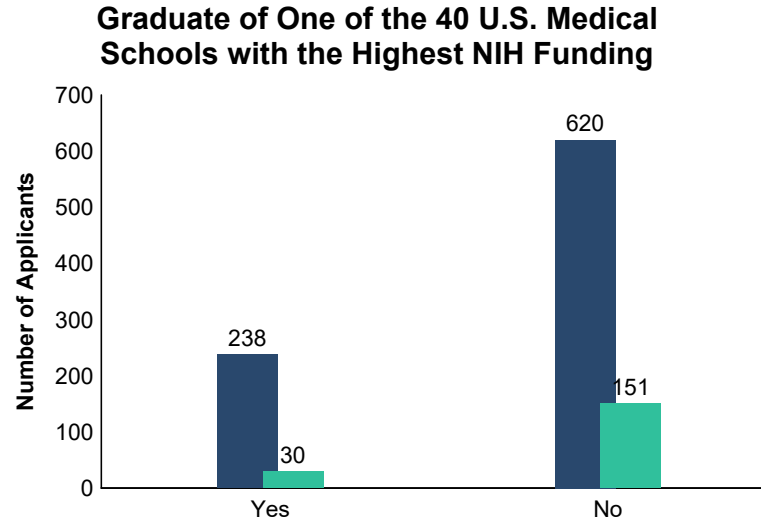
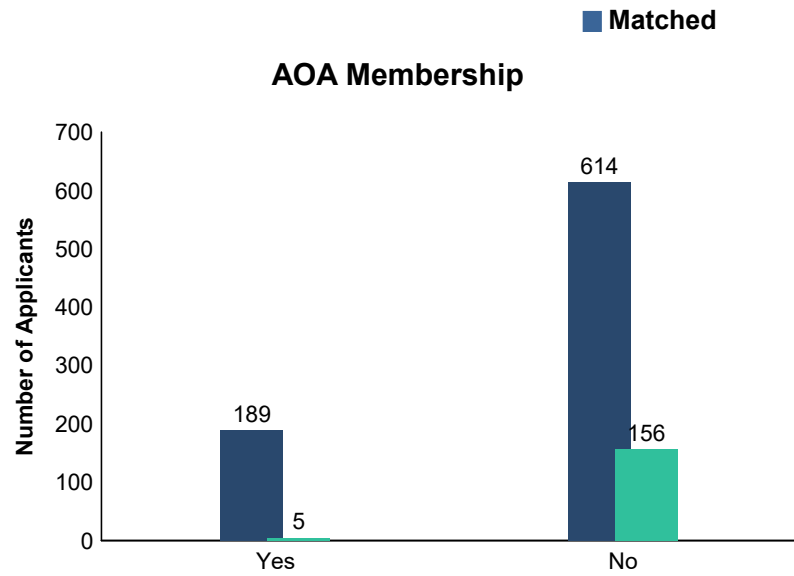


Chart GS-8 Number of Volunteer Experiences of U.S. MD Seniors
General Surgery



Source: NRMP Data Warehouse

**Other Characteristics of U.S. MD Seniors
General Surgery**



Source: NRMP Data Warehouse. Top 40 U.S. medical schools with the highest NIH funding from NIH: <http://report.nih.gov/award/index.cfm>

IM Internal Medicine

Table IM-1 **Summary Statistics on U.S. MD Seniors**
Internal Medicine

Measure	Matched (n=3,024)	Unmatched (n=64)
1. Mean number of contiguous ranks	13.2	3.6
2. Mean number of distinct specialties ranked	1.0	1.3
3. Mean USMLE Step 1 score*	234	220
4. Mean USMLE Step 2 score	251	234
5. Mean number of research experiences	3.3	3.3
6. Mean number of abstracts, presentations, and publications	8.7	6.2
7. Mean number of work experiences	1.8	1.9
8. Mean number of volunteer experiences	4.2	4.1
9. Percentage who are AOA members	15.9	4.7
10. Percentage who graduated from one of the 40 U.S. medical schools with the highest NIH funding	31.8	21.9
11. Percentage who have Ph.D. degree	5.0	4.8
12. Percentage who have another graduate degree	19.0	27.0

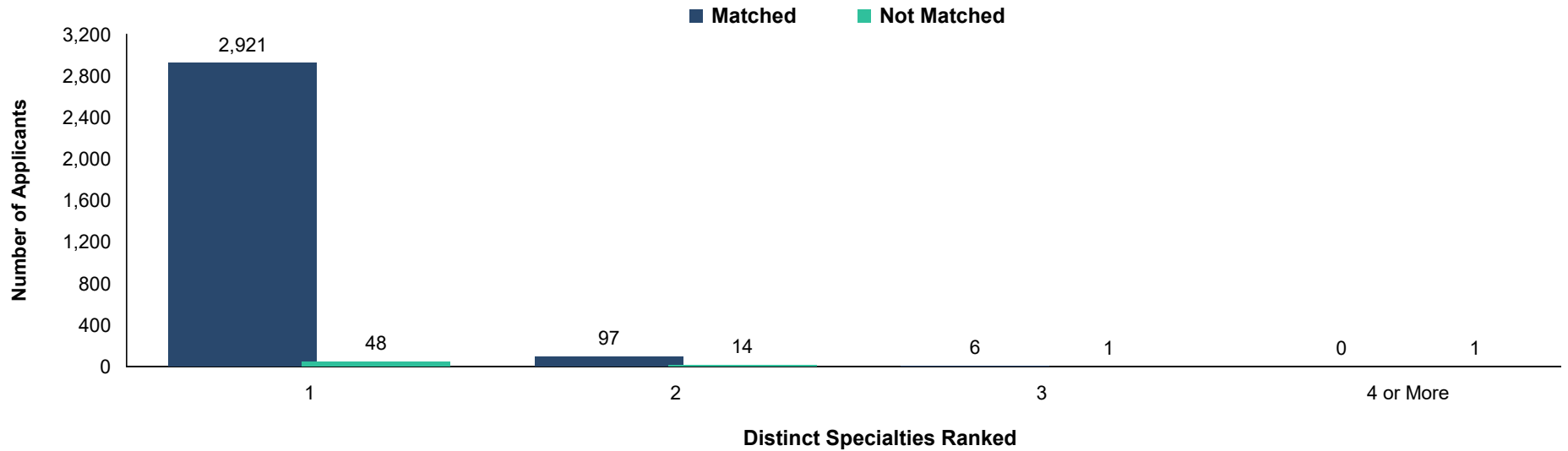
Note: Only U.S. MD seniors who gave consent to use their information in research are included.

*Only applicants who indicated completion of the USMLE Step 1 exam prior to the transition to pass/fail (i.e., prior to January 26, 2022) had the option to self-report their Step 1 numeric score. In 2024, only 2,143 U.S. MD seniors self-reported Step 1 numeric scores.

Sources. NRMP Data Warehouse; Top 40 U.S. medical schools with the highest NIH funding in measure 10 is from the NIH website (<http://report.nih.gov/award/index.cfm>).

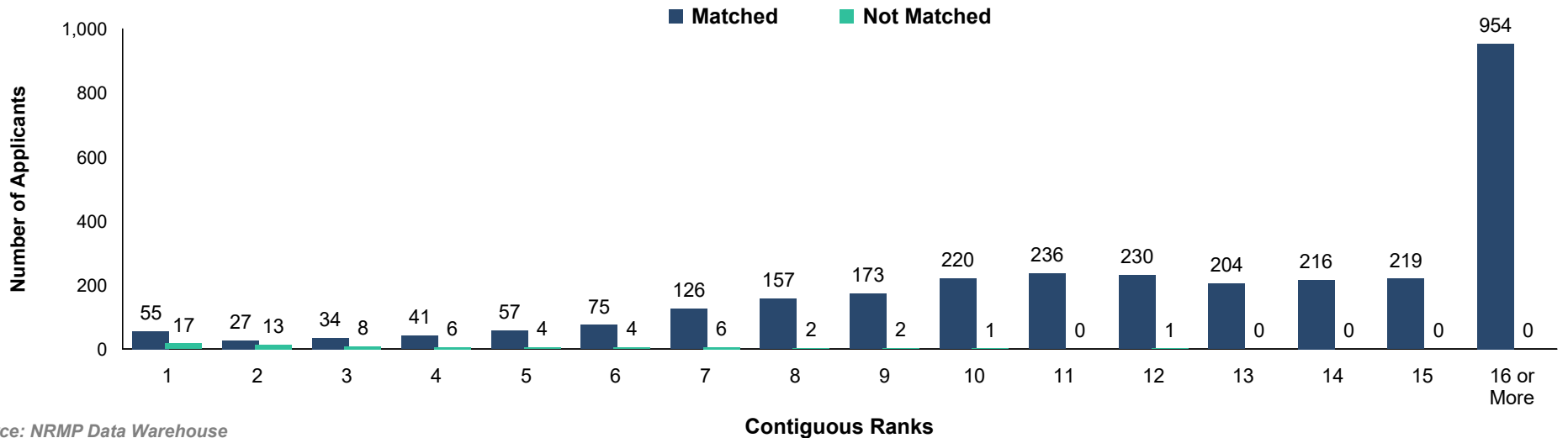
**Chart
IM-1**

Number of Distinct Specialties Ranked by U.S. MD Seniors
Internal Medicine



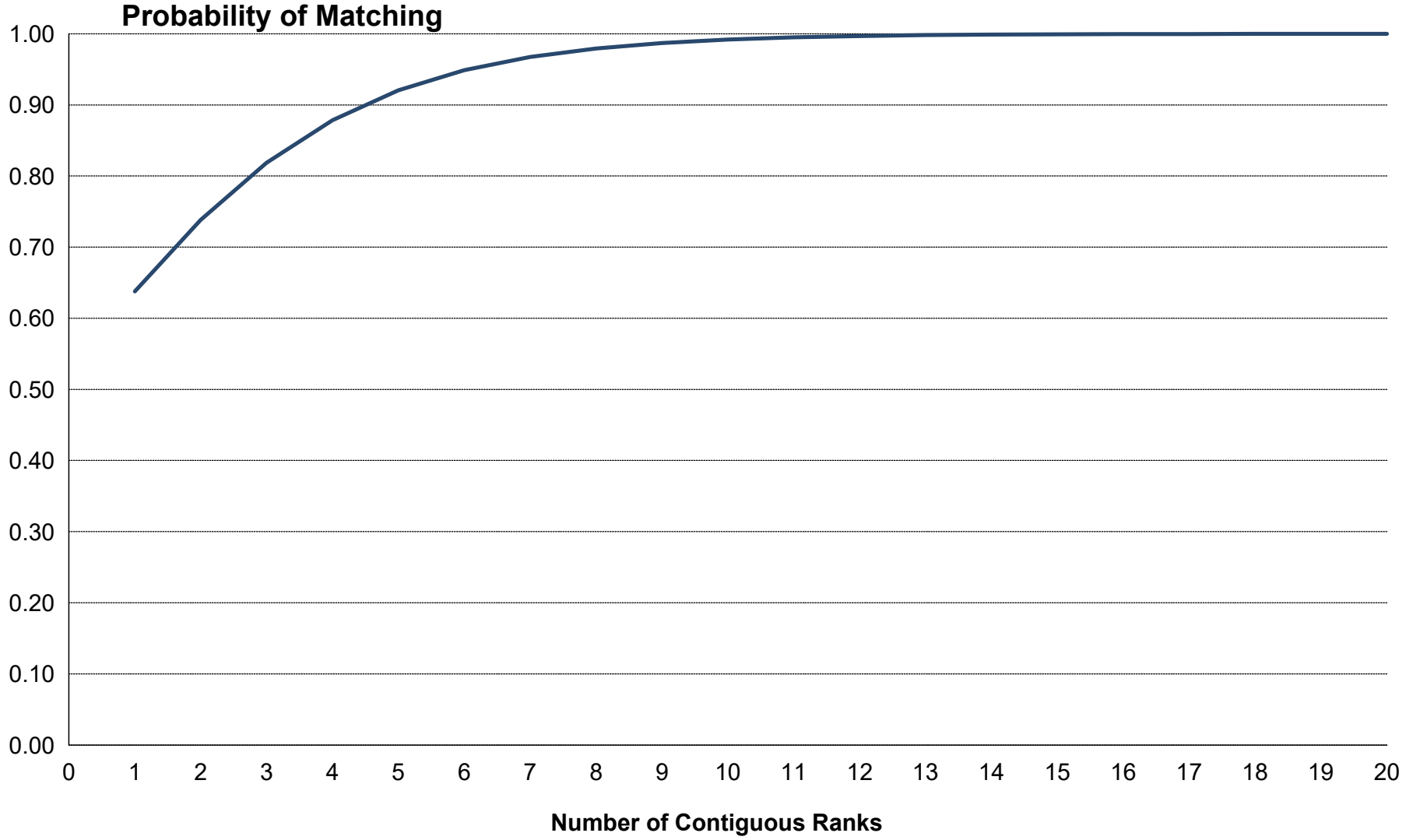
**Chart
IM-2**

Number of Contiguous Ranks of U.S. MD Seniors
Internal Medicine



Source: NRMP Data Warehouse

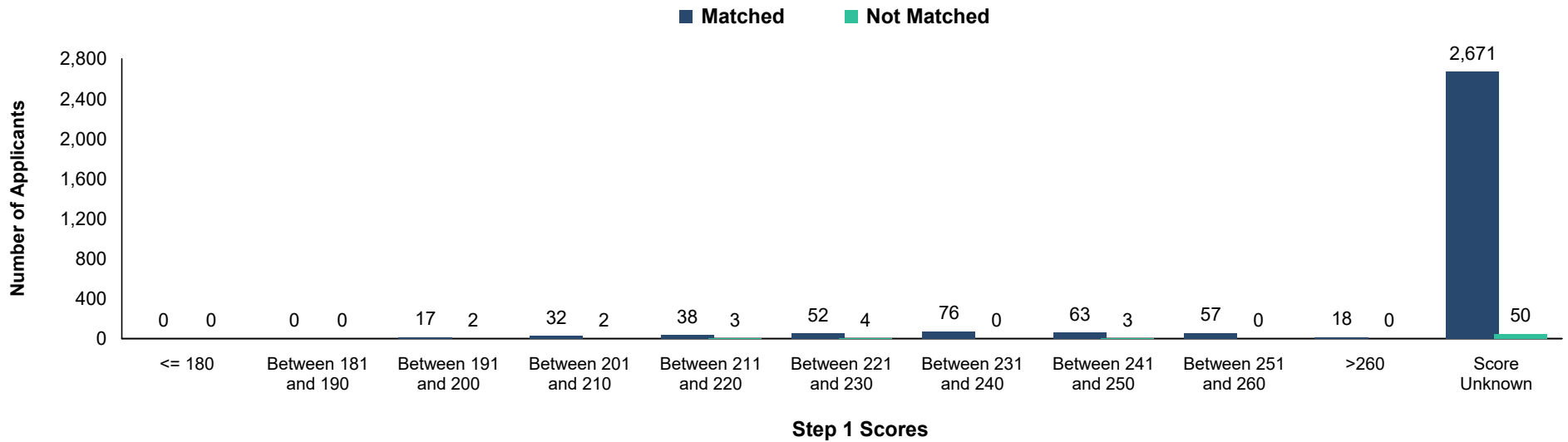
Probability of U.S. MD Seniors Matching to Preferred Specialty by Number of Contiguous Ranks
Internal Medicine



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants

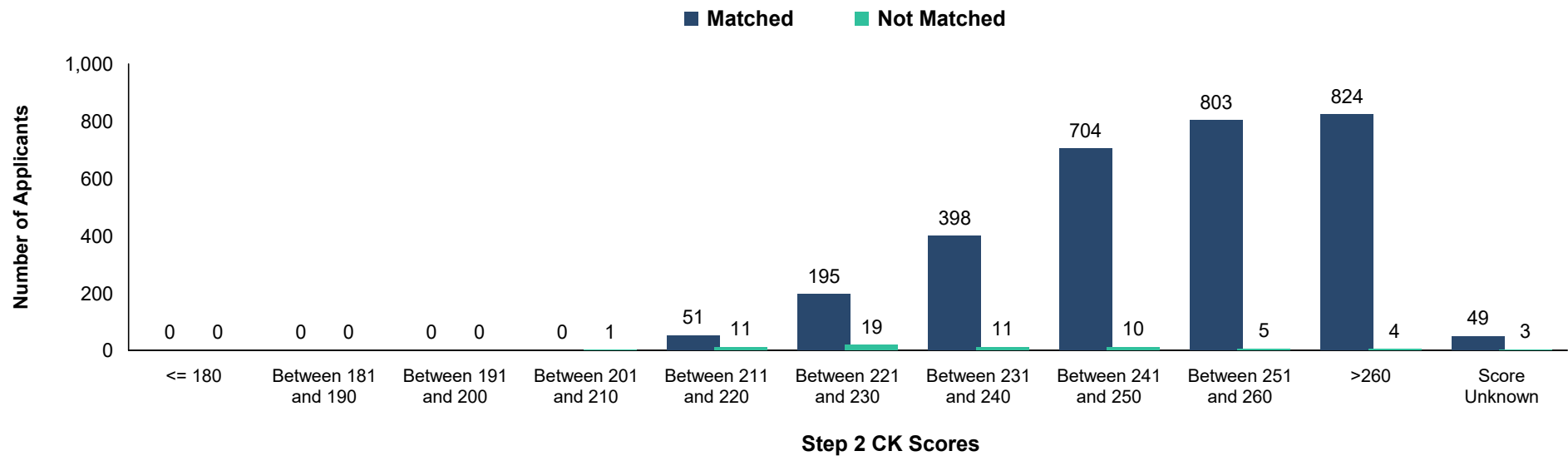
**Chart
IM-3**

USMLE Step 1 Scores of U.S. MD Seniors
Internal Medicine



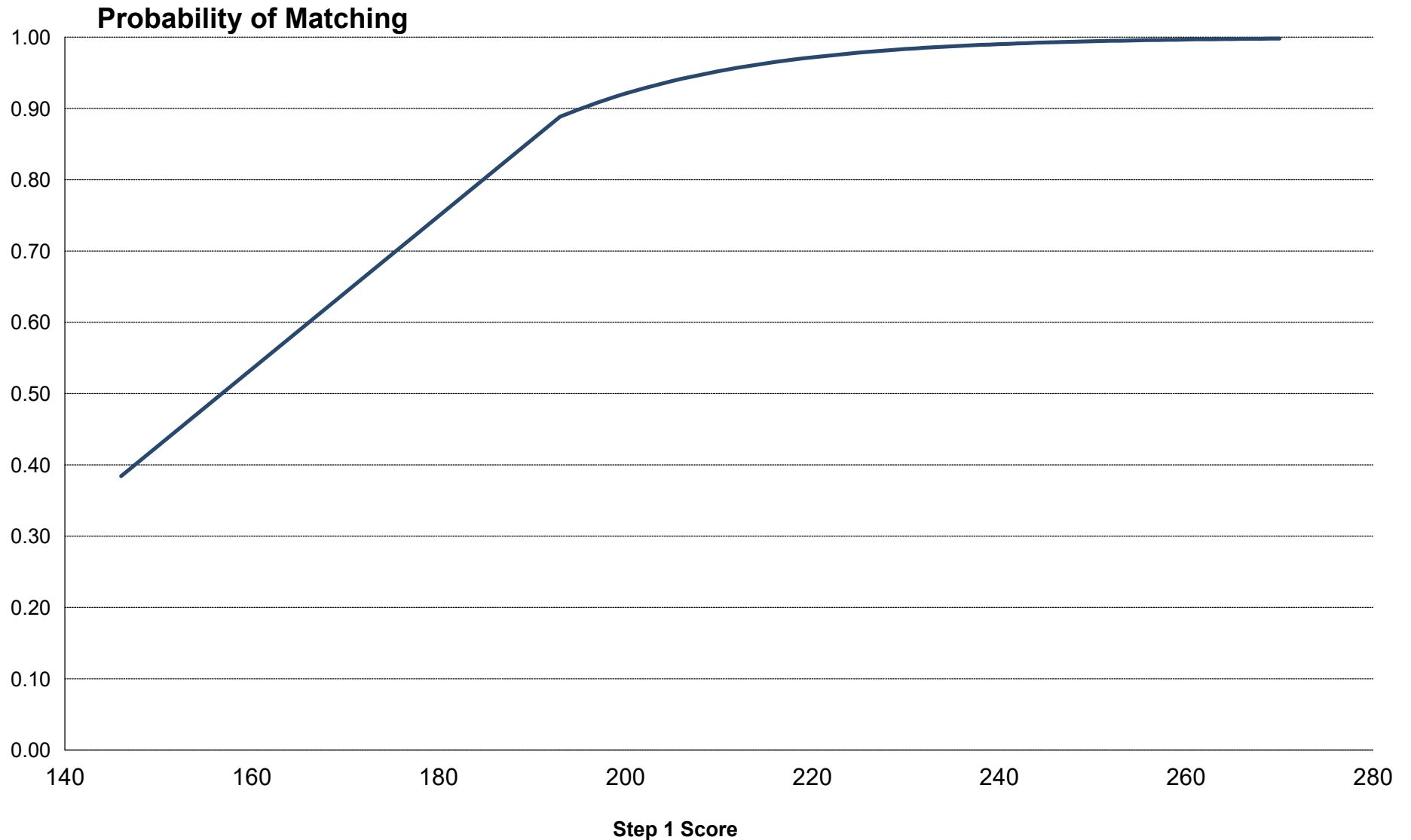
**Chart
IM-4**

USMLE Step 2 CK Scores of U.S. MD Seniors
Internal Medicine



Probability of U.S. MD Seniors Matching to Preferred Specialty by USMLE Step 1 Score

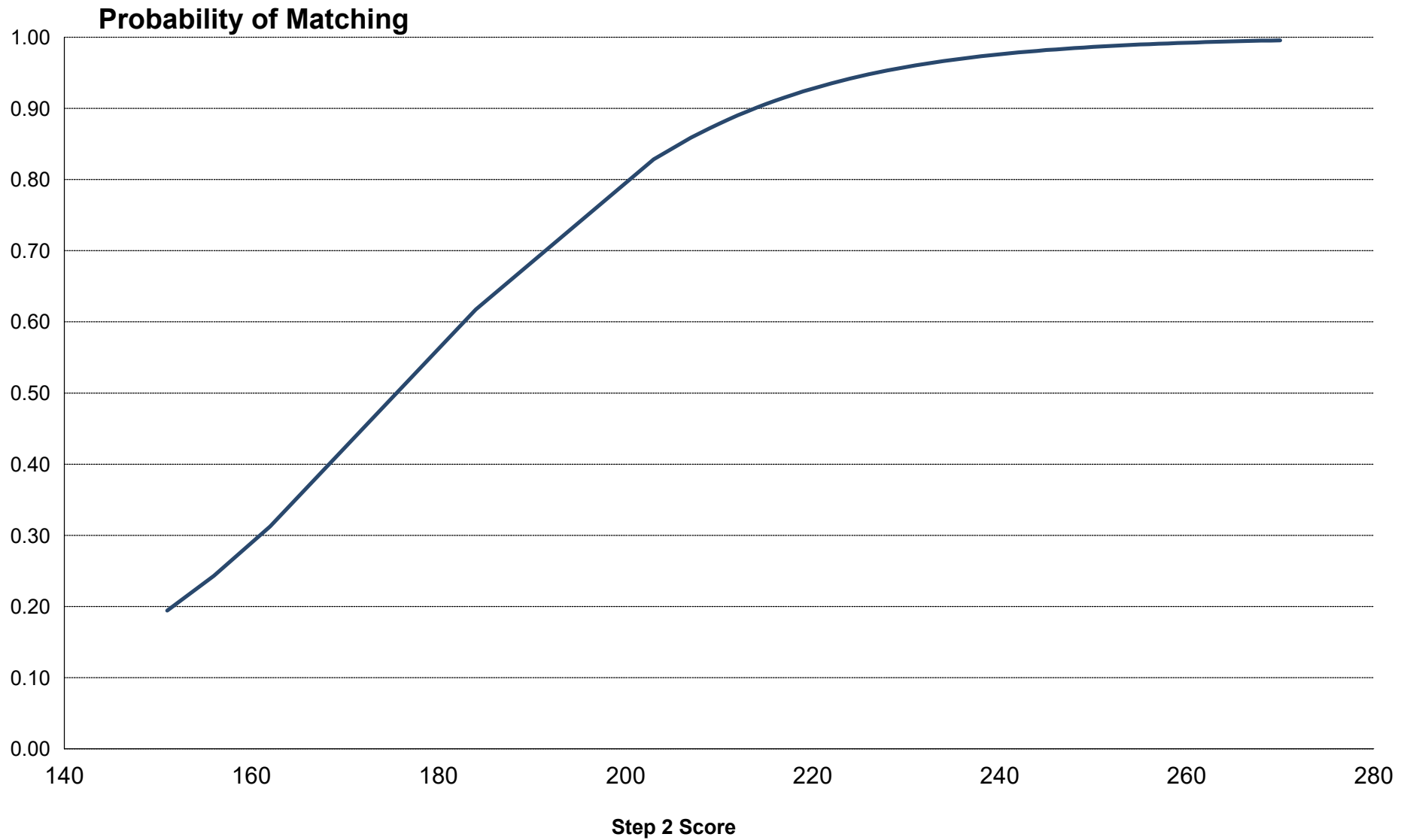
Internal Medicine



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants.

Probability of U.S. MD Seniors Matching to Preferred Specialty by USMLE Step 2 Score

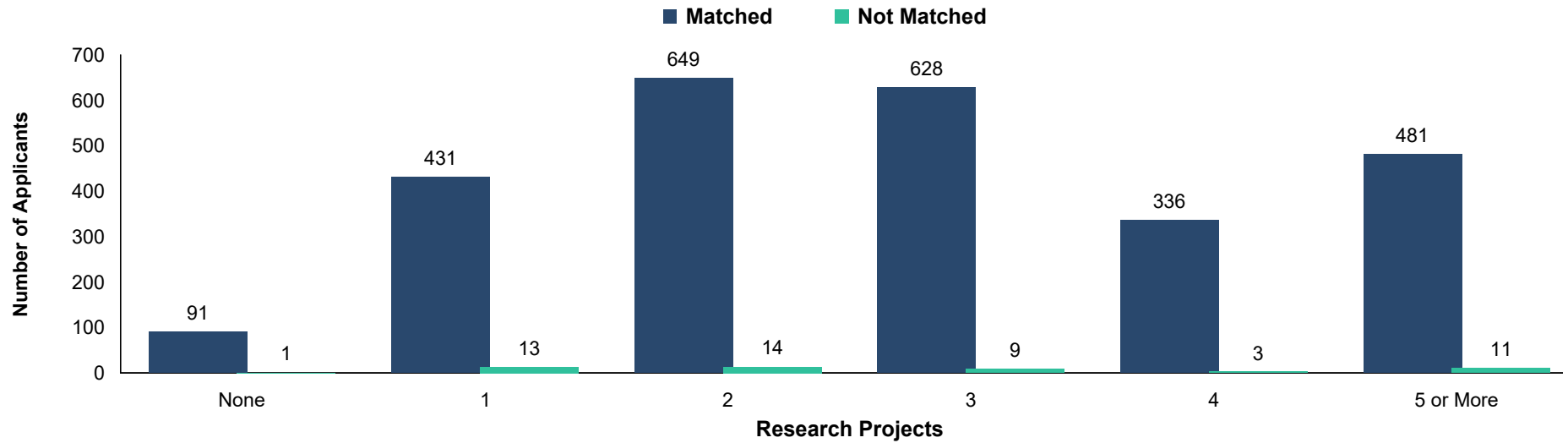
Internal Medicine



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants.

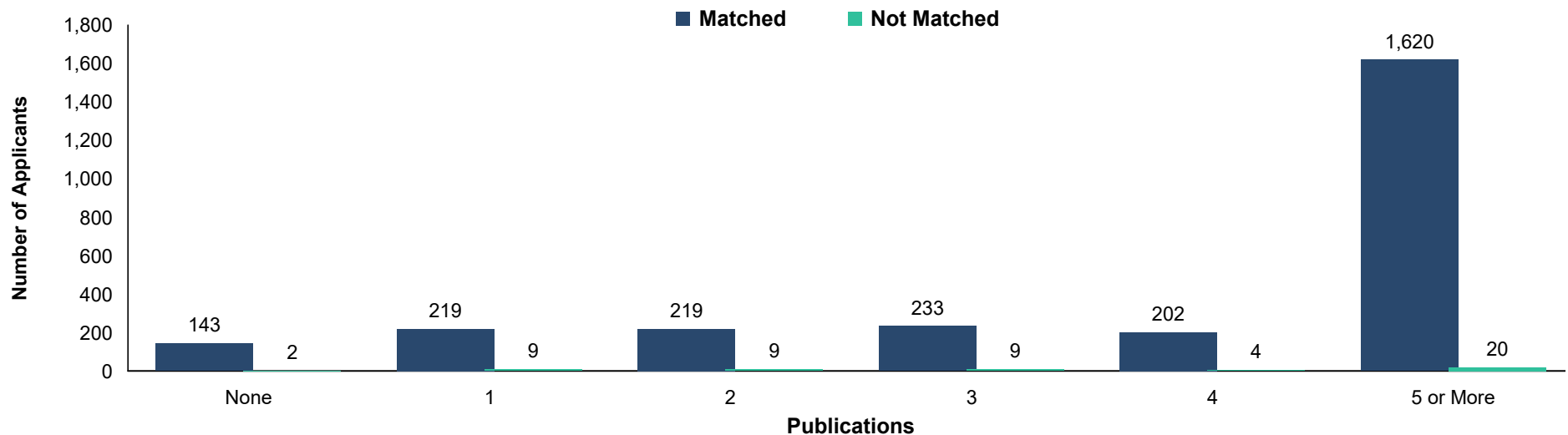
**Chart
IM-5**

**Number of Research Projects of U.S. MD Seniors
Internal Medicine**



**Chart
IM-6**

**Number of Abstracts, Presentations, and Publications of U.S. MD Seniors
Internal Medicine**



Source: NRMP Data Warehouse

Chart IM-7 Number of Work Experiences of U.S. MD Seniors
Internal Medicine

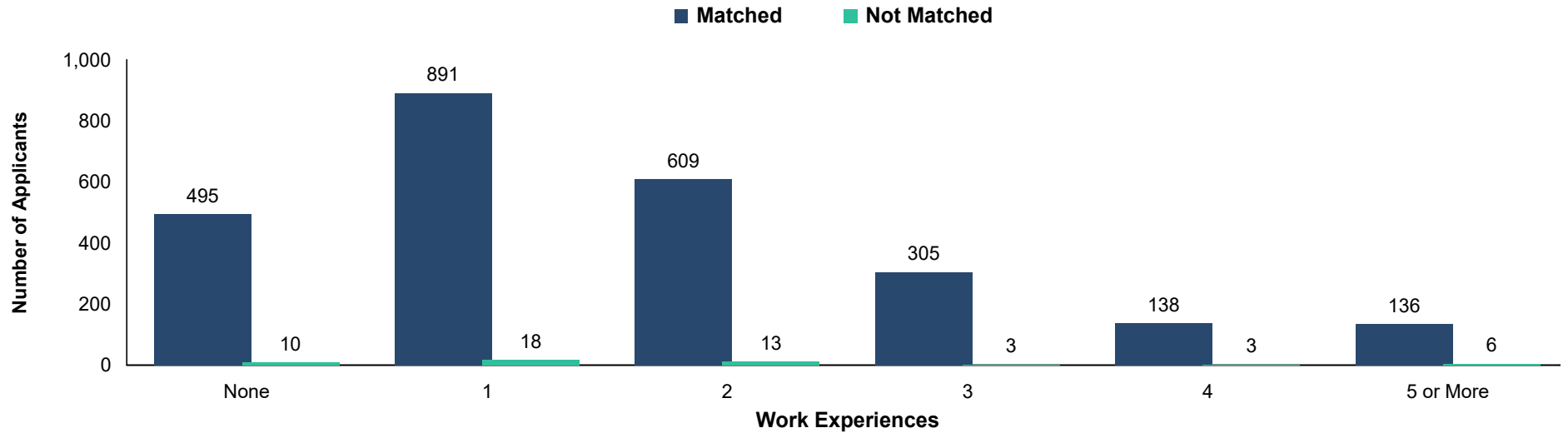
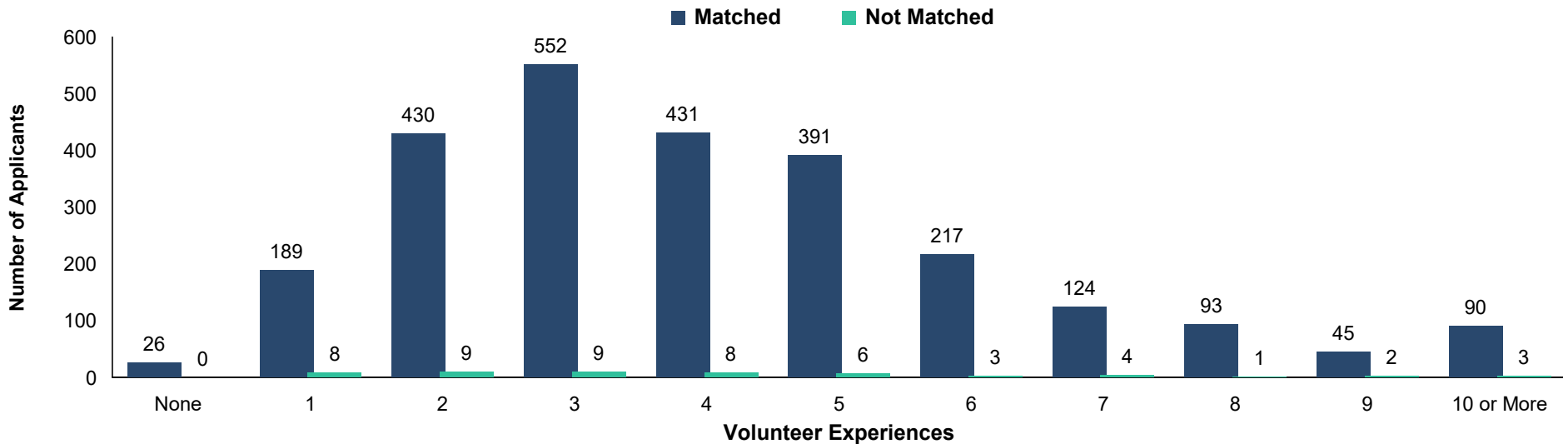


Chart IM-8 Number of Volunteer Experiences of U.S. MD Seniors
Internal Medicine

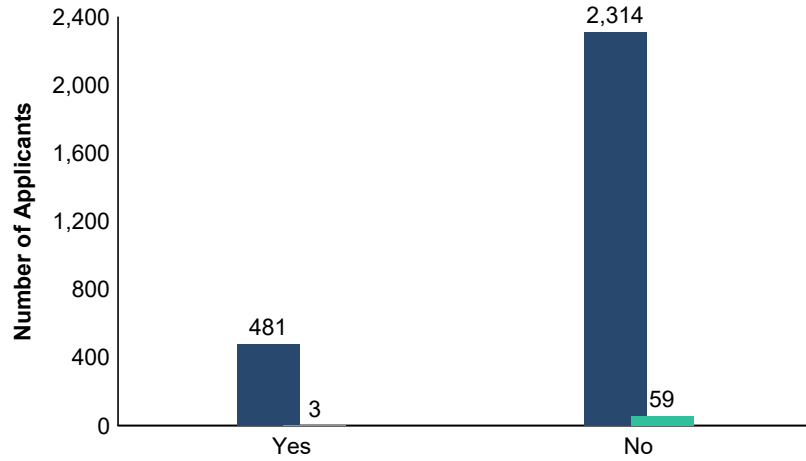


Source: NRMP Data Warehouse

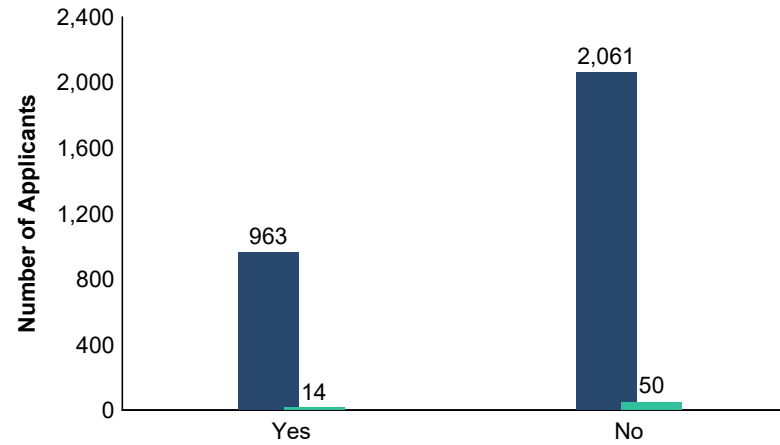
Other Characteristics of U.S. MD Seniors
Internal Medicine

■ Matched ■ Not Matched

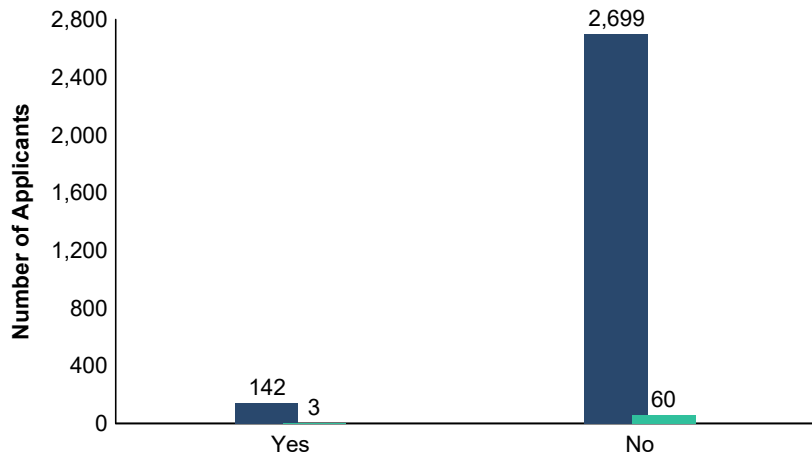
AOA Membership



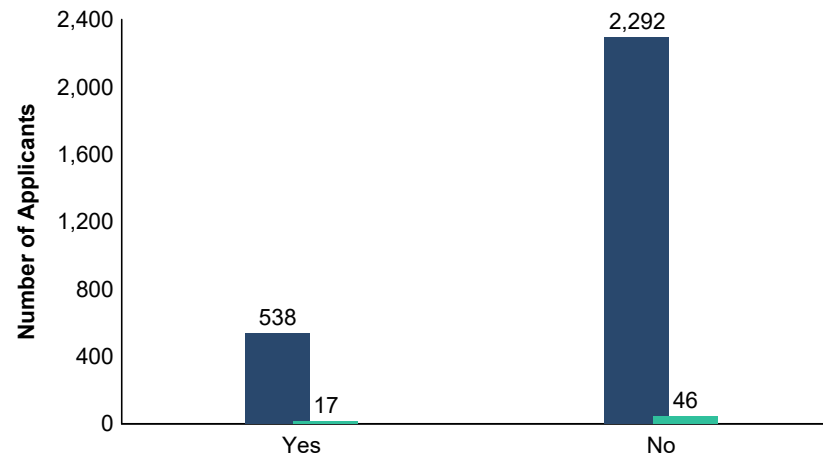
Graduate of One of the 40 U.S. Medical Schools with the Highest NIH Funding



Ph.D. Degree



Other Graduate Degree



Source: NRMP Data Warehouse. Top 40 U.S. medical schools with the highest NIH funding from NIH: <http://report.nih.gov/award/index.cfm>

IP

Internal Medicine/Pediatrics

Table IP-1 **Summary Statistics on U.S. MD Seniors**
Internal Medicine/Pediatrics

Measure	Matched (n=294)	Unmatched (n=46)
1. Mean number of contiguous ranks	11.3	3.0
2. Mean number of distinct specialties ranked	1.3	2.0
3. Mean USMLE Step 1 score*	233	216
4. Mean USMLE Step 2 score	253	243
5. Mean number of research experiences	3.1	2.6
6. Mean number of abstracts, presentations, and publications	6.9	6.2
7. Mean number of work experiences	1.7	2.0
8. Mean number of volunteer experiences	5.1	4.8
9. Percentage who are AOA members	22.4	6.5
10. Percentage who graduated from one of the 40 U.S. medical schools with the highest NIH funding	36.1	17.4
11. Percentage who have Ph.D. degree	1.8	4.5
12. Percentage who have another graduate degree	24.8	34.1

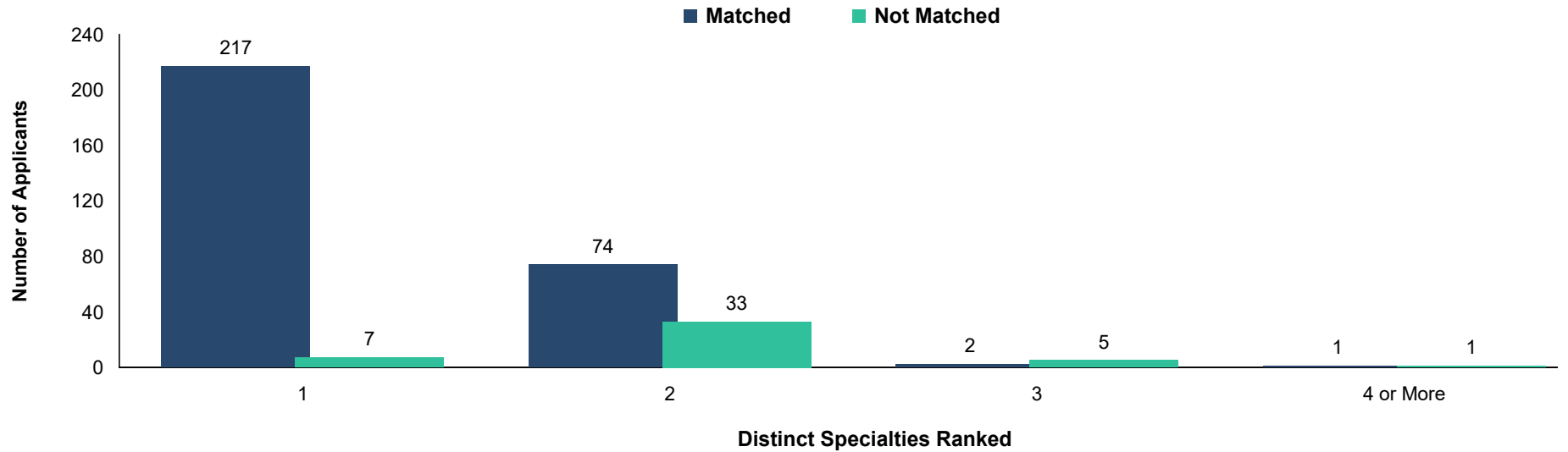
Note: Only U.S. MD seniors who gave consent to use their information in research are included.

*Only applicants who indicated completion of the USMLE Step 1 exam prior to the transition to pass/fail (i.e., prior to January 26, 2022) had the option to self-report their Step 1 numeric score. In 2024, only 2,143 U.S. MD seniors self-reported Step 1 numeric scores.

Sources. NRMP Data Warehouse; Top 40 U.S. medical schools with the highest NIH funding in measure 10 is from the NIH website (<http://report.nih.gov/award/index.cfm>).

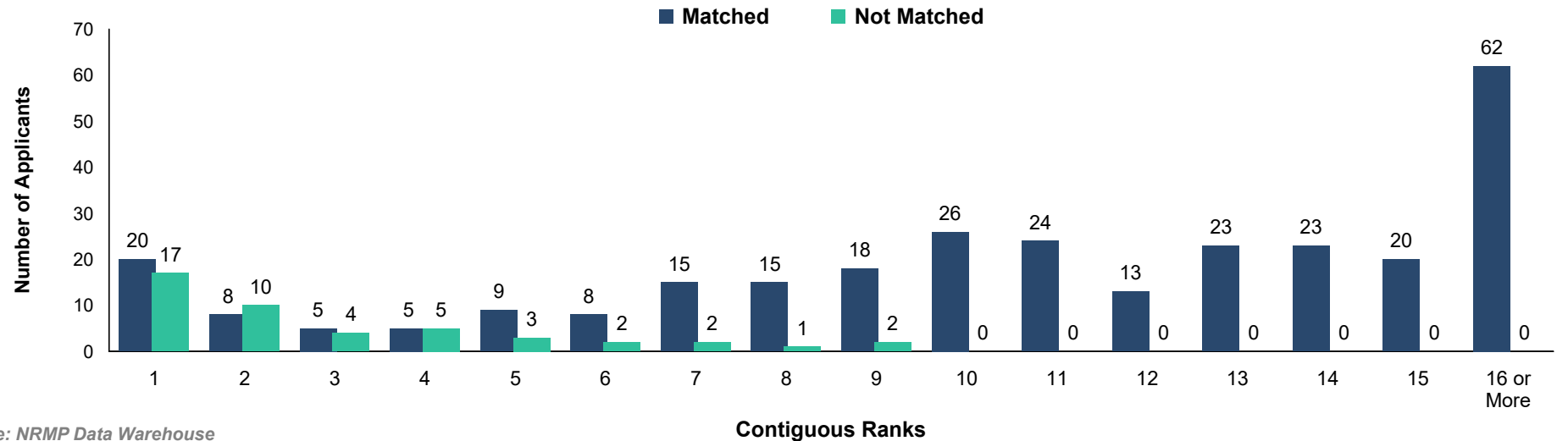
**Chart
IP-1**

**Number of Distinct Specialties Ranked by U.S. MD Seniors
*Internal Medicine/Pediatrics***



**Chart
IP-2**

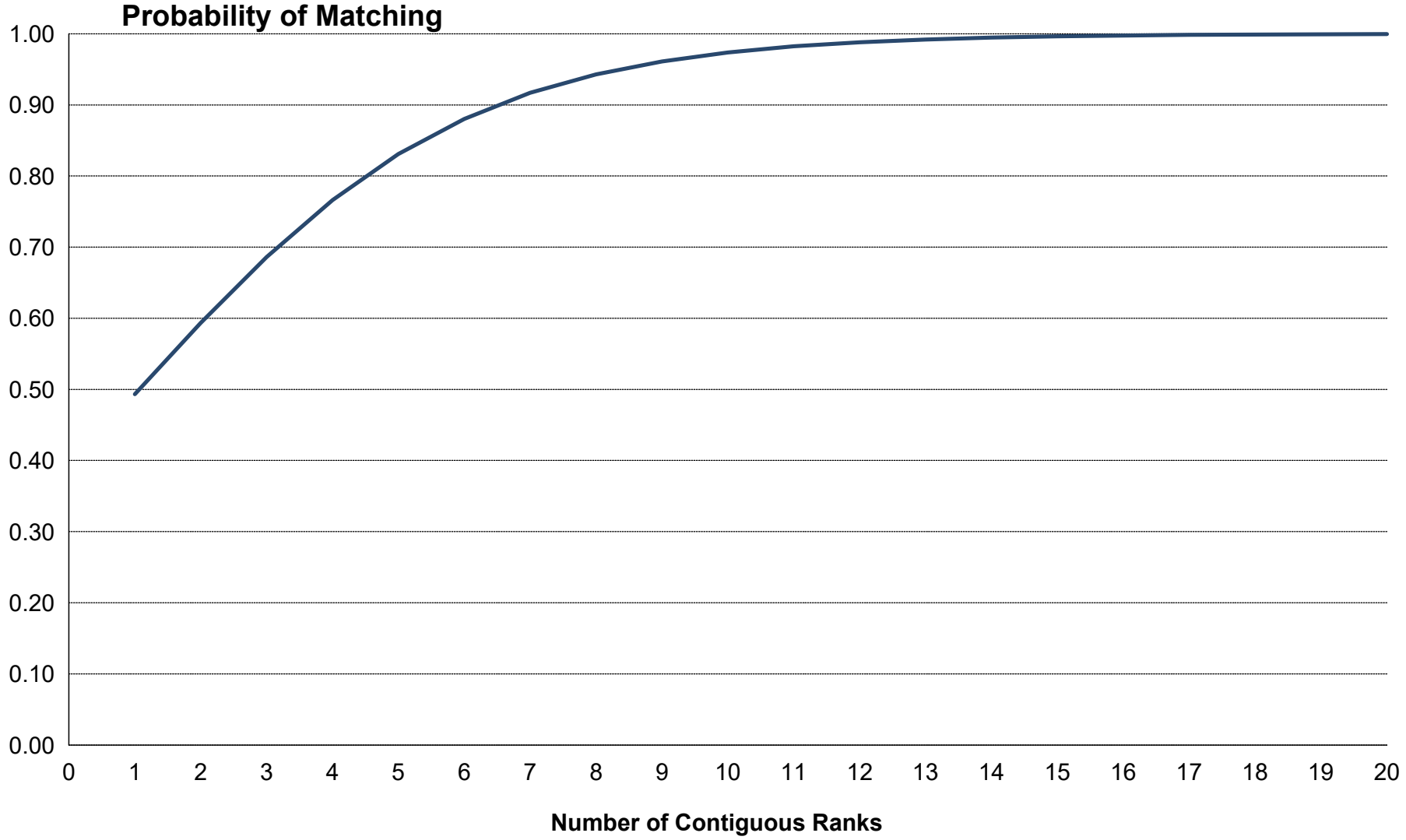
**Number of Contiguous Ranks of U.S. MD Seniors
*Internal Medicine/Pediatrics***



Source: NRMP Data Warehouse

**Graph
IP-1**

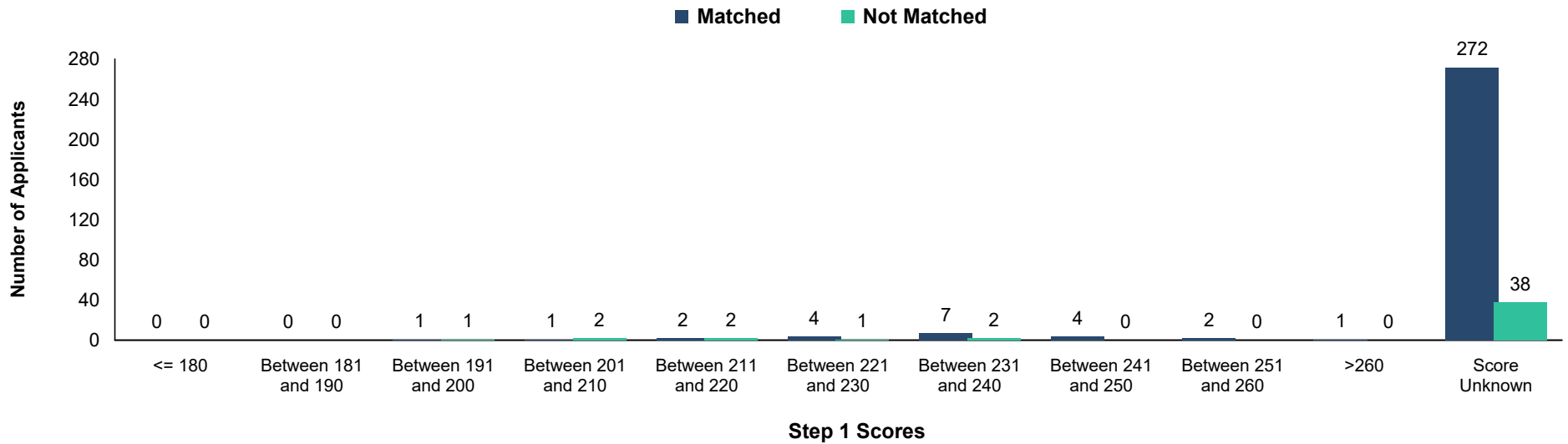
Probability of U.S. MD Seniors Matching to Preferred Specialty by Number of Contiguous Ranks
Internal Medicine/Pediatrics



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants

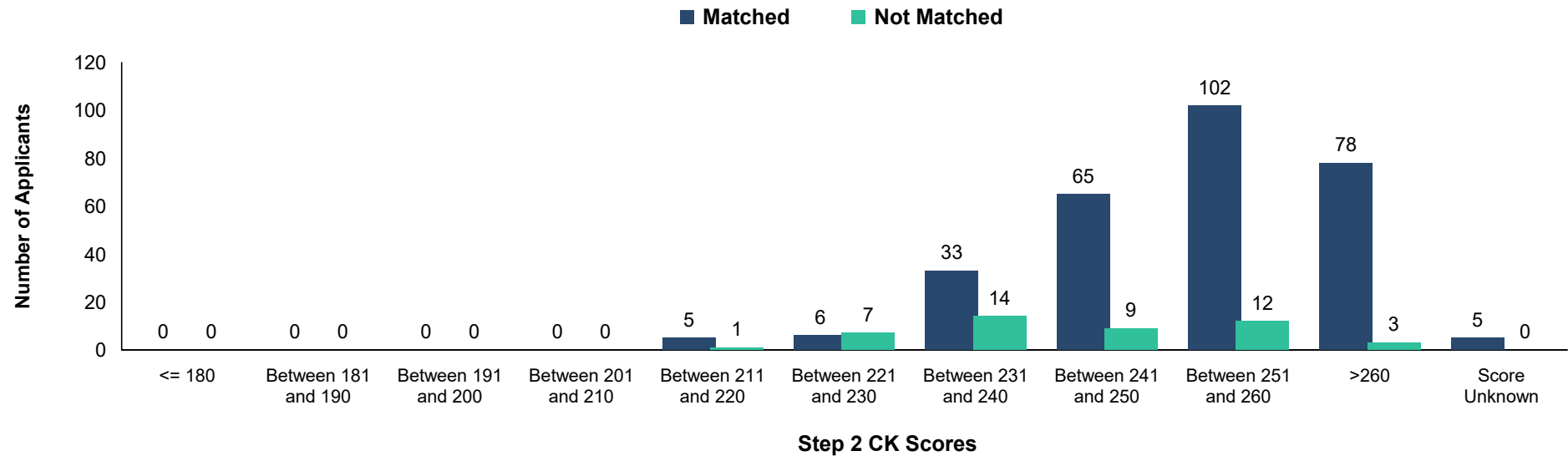
**Chart
IP-3**

USMLE Step 1 Scores of U.S. MD Seniors
Internal Medicine/Pediatrics

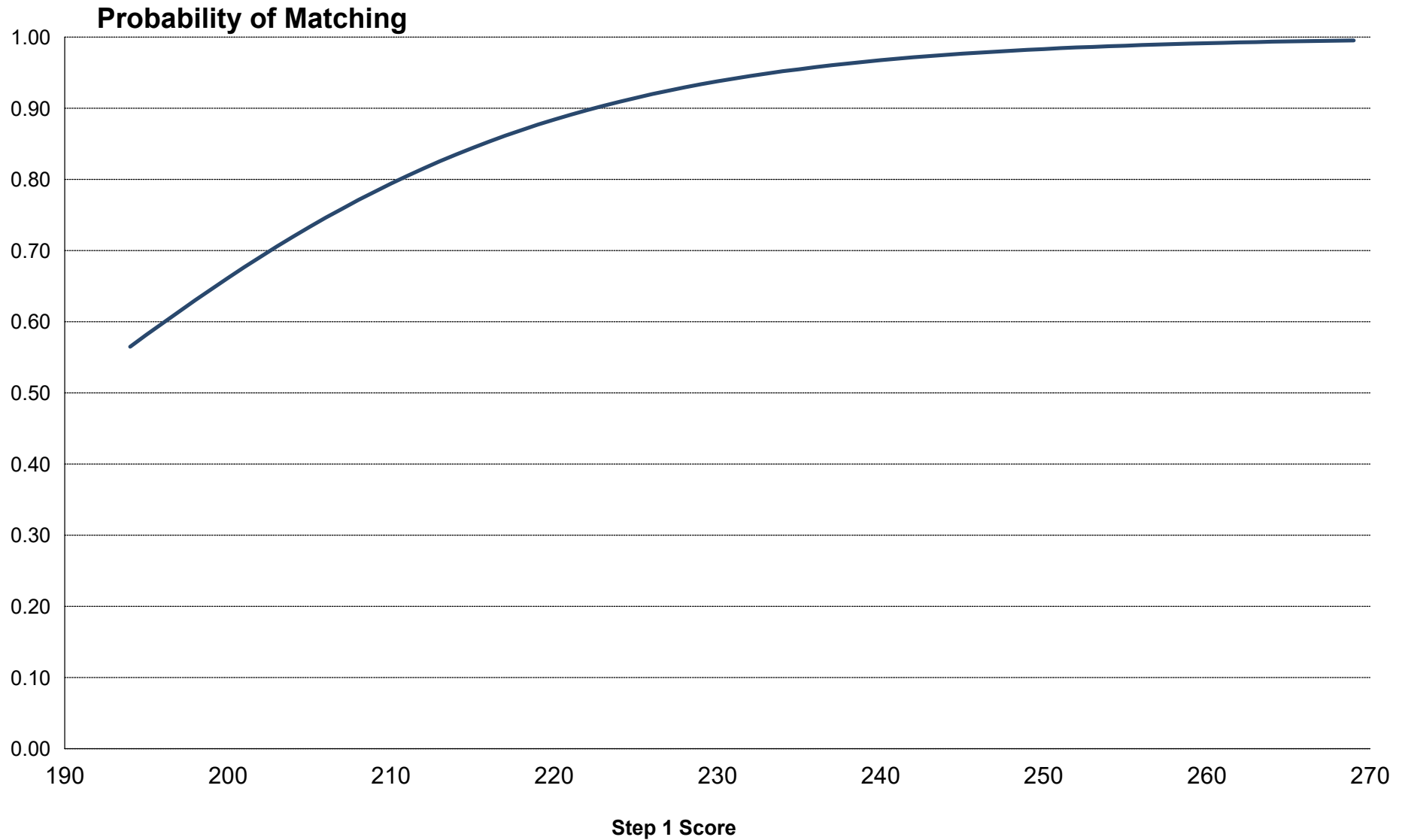


**Chart
IP-4**

USMLE Step 2 CK Scores of U.S. MD Seniors
Internal Medicine/Pediatrics



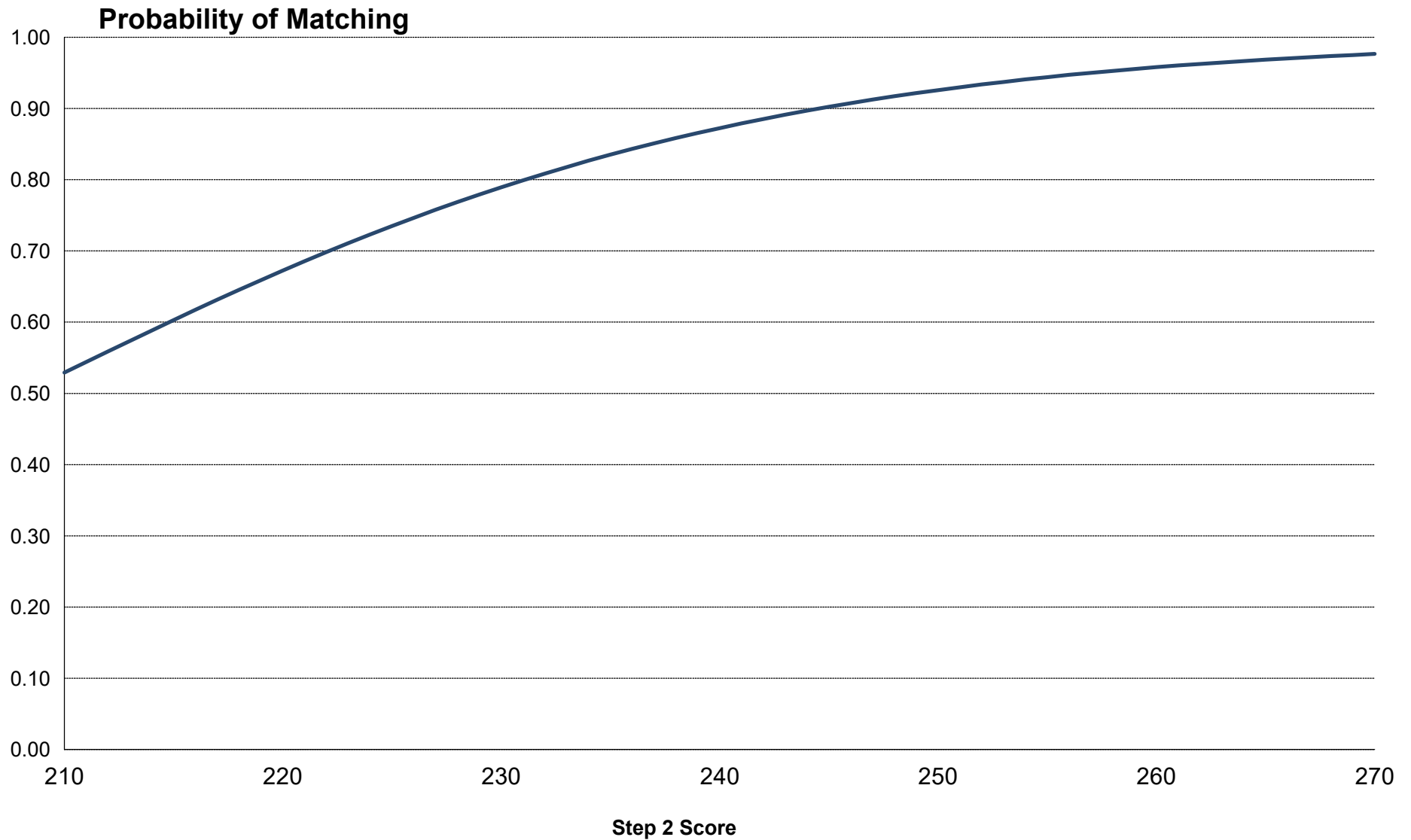
Probability of U.S. MD Seniors Matching to Preferred Specialty by USMLE Step 1 Score *Internal Medicine/Pediatrics*



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants.

**Graph
IP-3**

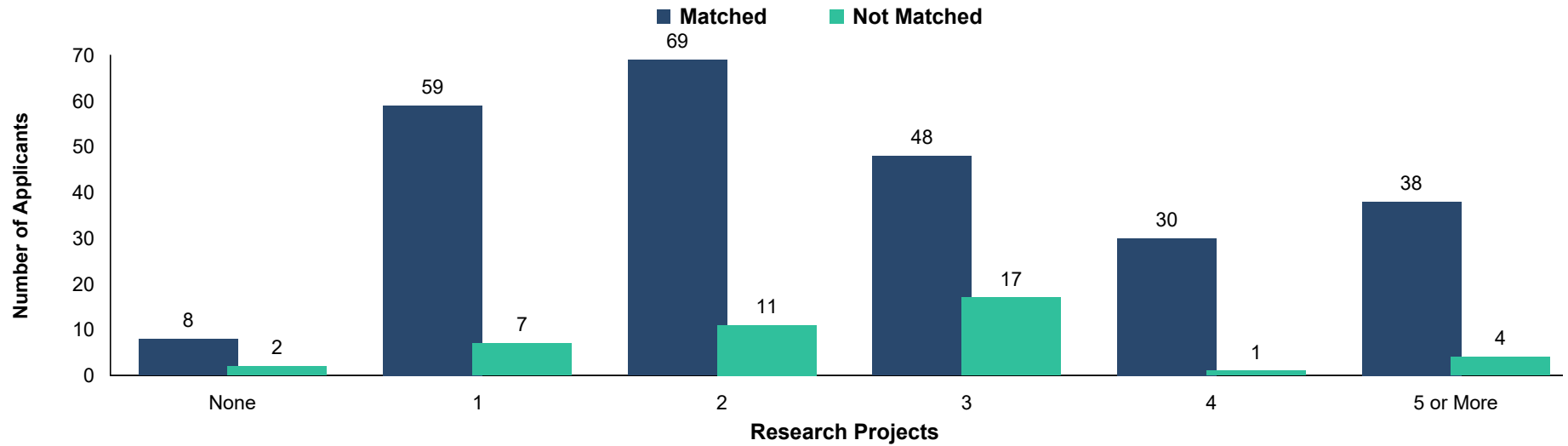
Probability of U.S. MD Seniors Matching to Preferred Specialty by USMLE Step 2 Score
Internal Medicine/Pediatrics



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants.

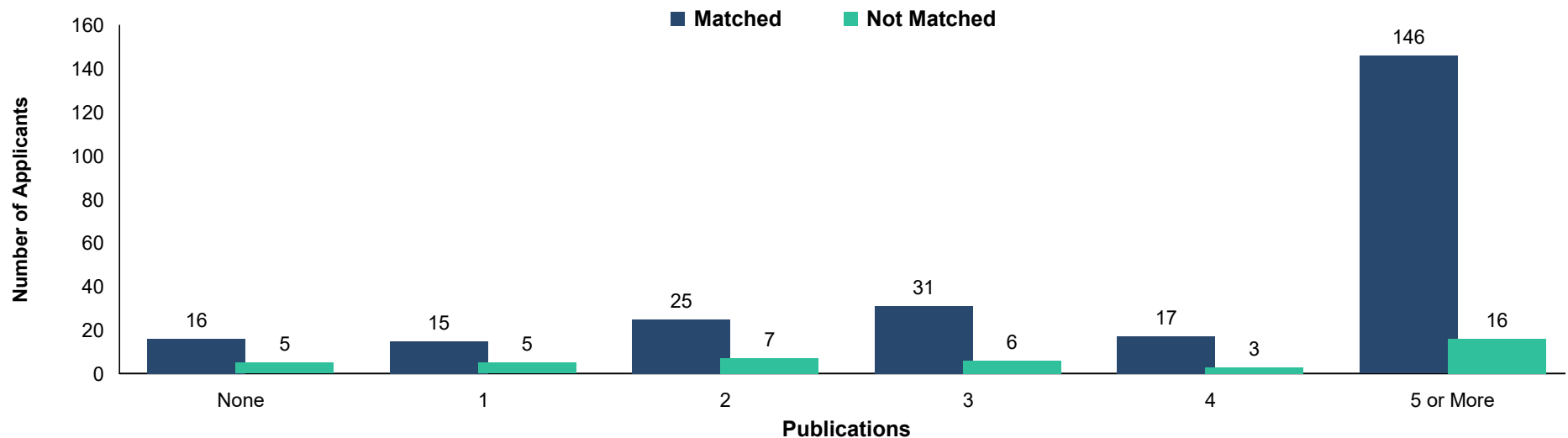
**Chart
IP-5**

Number of Research Projects of U.S. MD Seniors
Internal Medicine/Pediatrics



**Chart
IP-6**

Number of Abstracts, Presentations, and Publications of U.S. MD Seniors
Internal Medicine/Pediatrics



Source: NRMP Data Warehouse

Chart IP-7 Number of Work Experiences of U.S. MD Seniors
Internal Medicine/Pediatrics

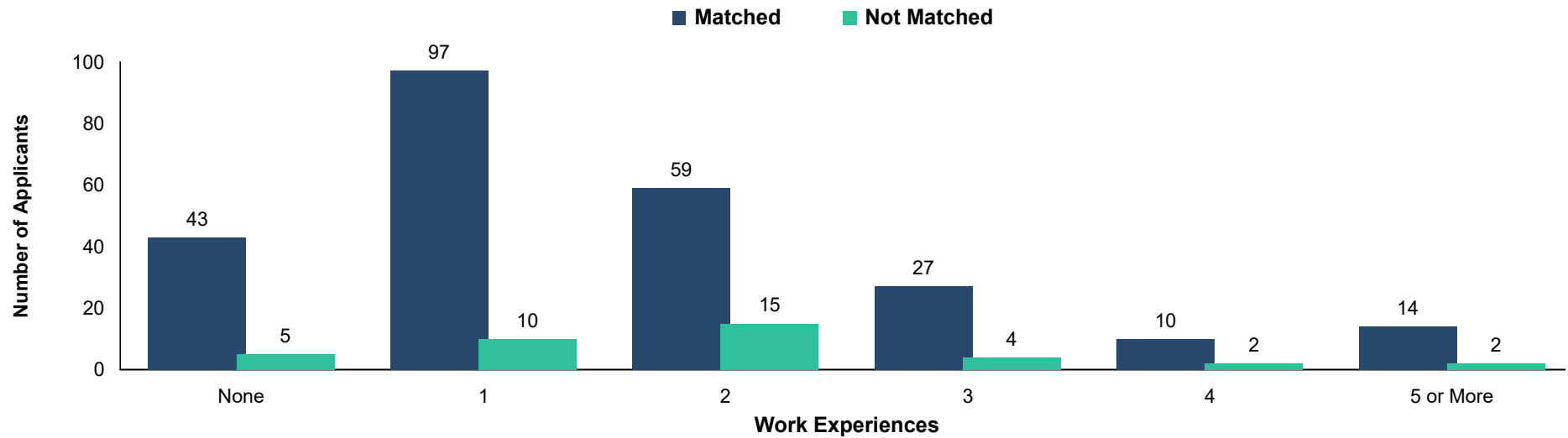
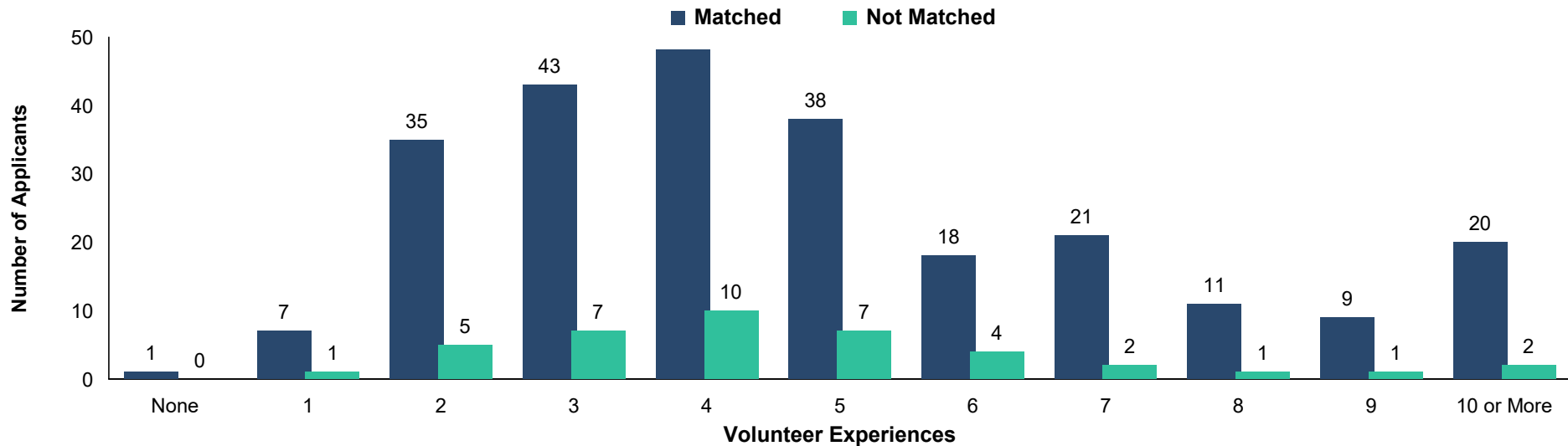


Chart IP-8 Number of Volunteer Experiences of U.S. MD Seniors
Internal Medicine/Pediatrics

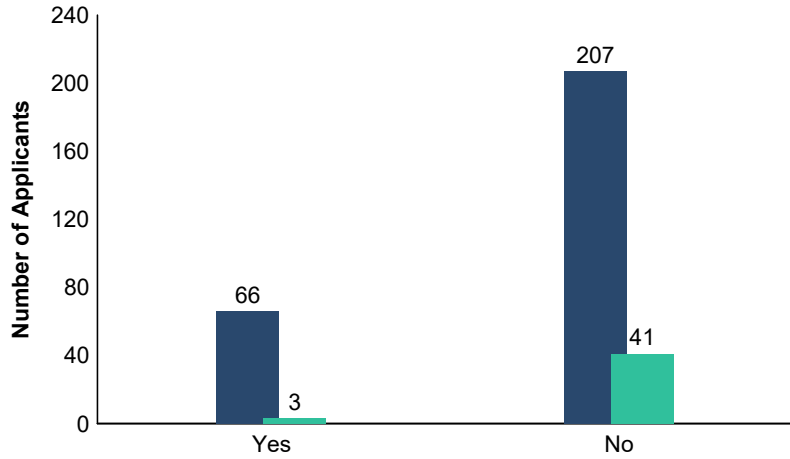


Source: NRMP Data Warehouse

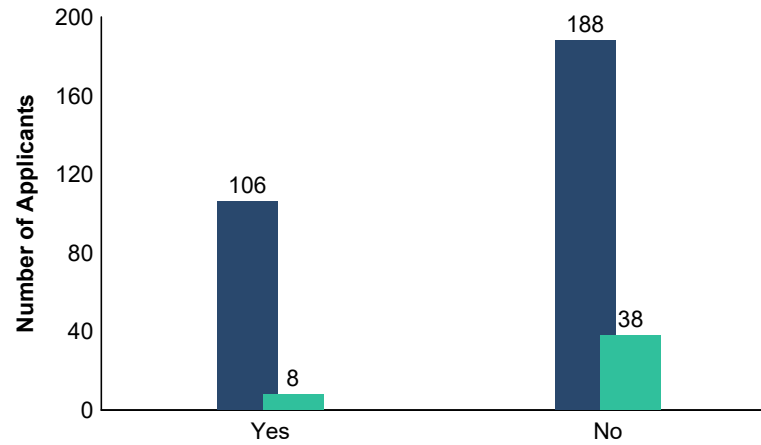
Other Characteristics of U.S. MD Seniors
Internal Medicine/Pediatrics

■ Matched ■ Not Matched

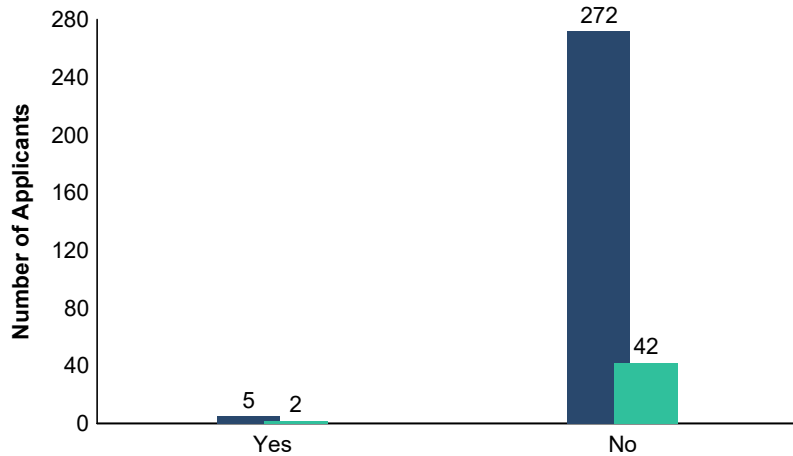
AOA Membership



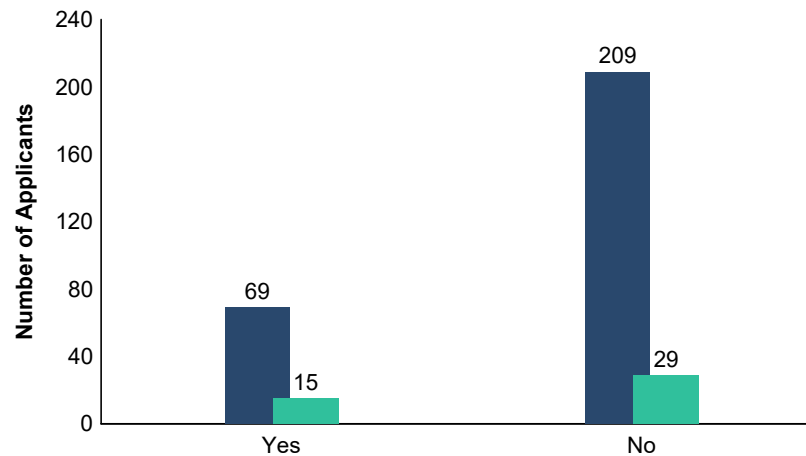
Graduate of One of the 40 U.S. Medical Schools with the Highest NIH Funding



Ph.D. Degree



Other Graduate Degree



Source: NRMP Data Warehouse. Top 40 U.S. medical schools with the highest NIH funding from NIH: <http://report.nih.gov/award/index.cfm>

IR **Interventional Radiology**

Table IR-1 **Summary Statistics on U.S. MD Seniors**
Interventional Radiology

Measure	Matched (n=117)	Unmatched (n=24)
1. Mean number of contiguous ranks	6.5	2.9
2. Mean number of distinct specialties ranked	2.3	2.5
3. Mean USMLE Step 1 score*	247	237
4. Mean USMLE Step 2 score	253	245
5. Mean number of research experiences	4.7	4.6
6. Mean number of abstracts, presentations, and publications	15.8	10.1
7. Mean number of work experiences	2.2	3.1
8. Mean number of volunteer experiences	3.9	15.6
9. Percentage who are AOA members	17.9	12.5
10. Percentage who graduated from one of the 40 U.S. medical schools with the highest NIH funding	31.6	16.7
11. Percentage who have Ph.D. degree	2.8	0.0
12. Percentage who have another graduate degree	23.1	30.4

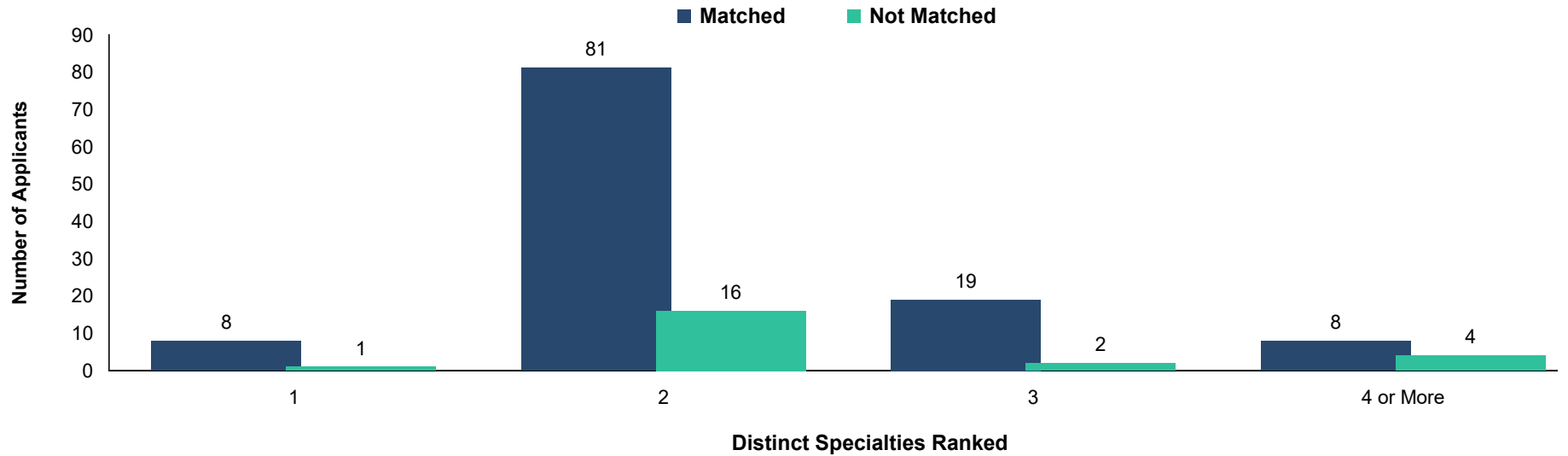
Note: Only U.S. MD seniors who gave consent to use their information in research are included.

*Only applicants who indicated completion of the USMLE Step 1 exam prior to the transition to pass/fail (i.e., prior to January 26, 2022) had the option to self-report their Step 1 numeric score. In 2024, only 2,143 U.S. MD seniors self-reported Step 1 numeric scores.

Sources. NRMP Data Warehouse; Top 40 U.S. medical schools with the highest NIH funding in measure 10 is from the NIH website (<http://report.nih.gov/award/index.cfm>).

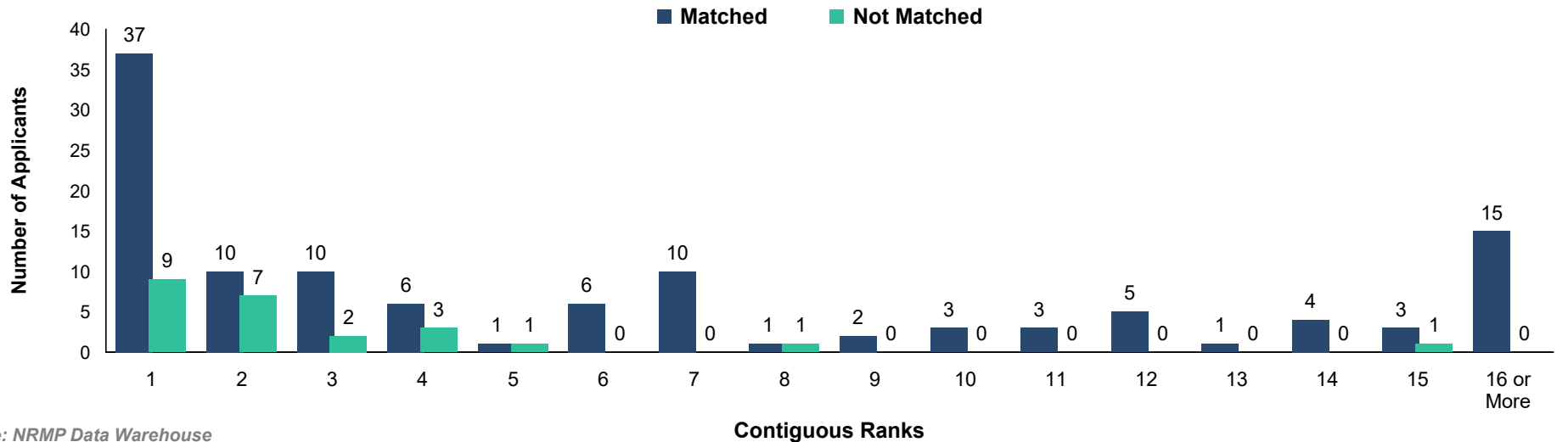
**Chart
IR-1**

**Number of Distinct Specialties Ranked by U.S. MD Seniors
*Interventional Radiology***



**Chart
IR-2**

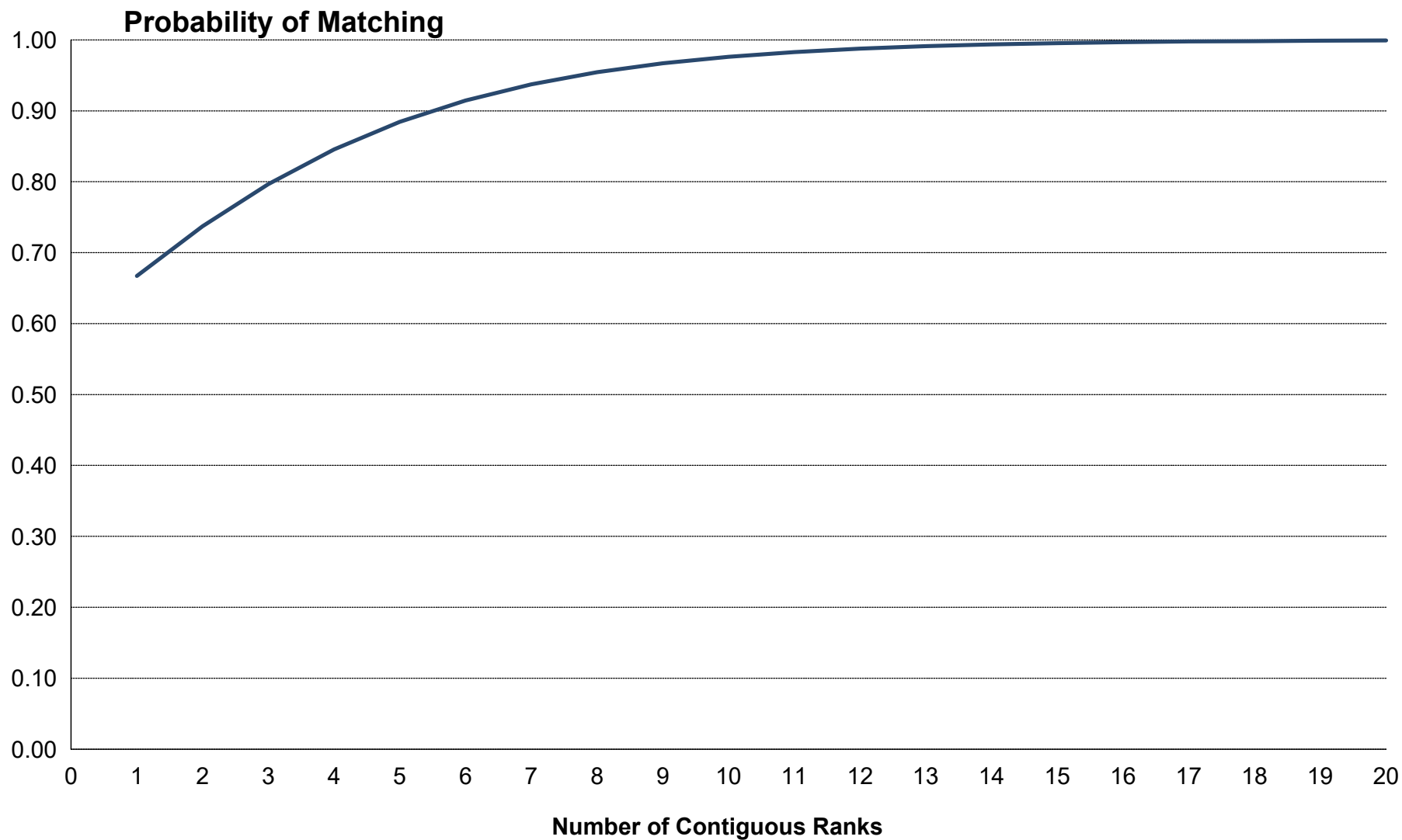
**Number of Contiguous Ranks of U.S. MD Seniors
*Interventional Radiology***



Source: NRMP Data Warehouse

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

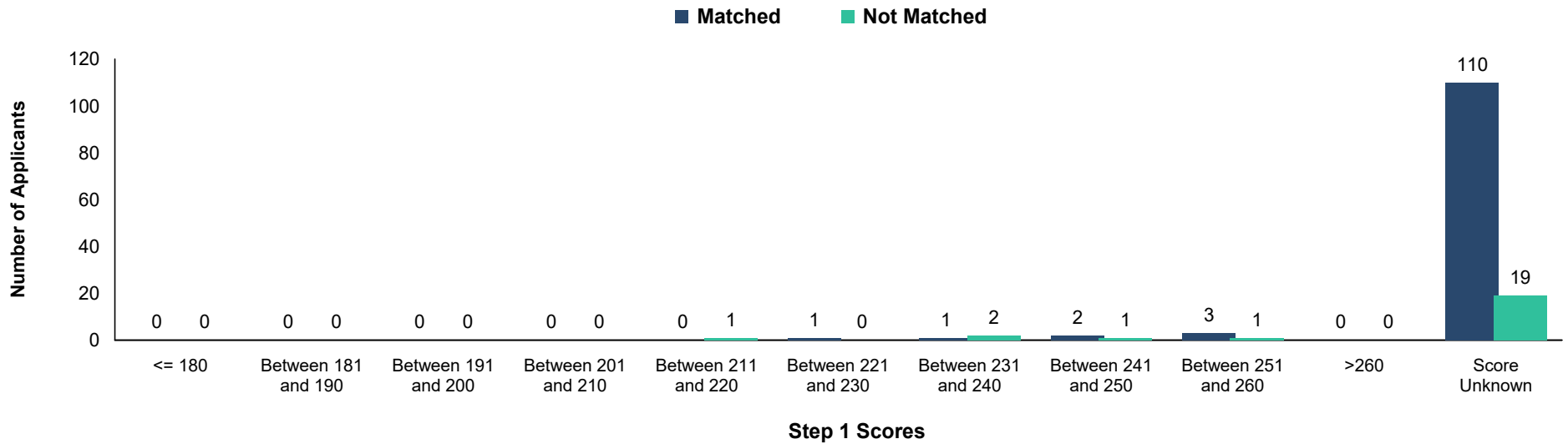
Interventional Radiology



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants

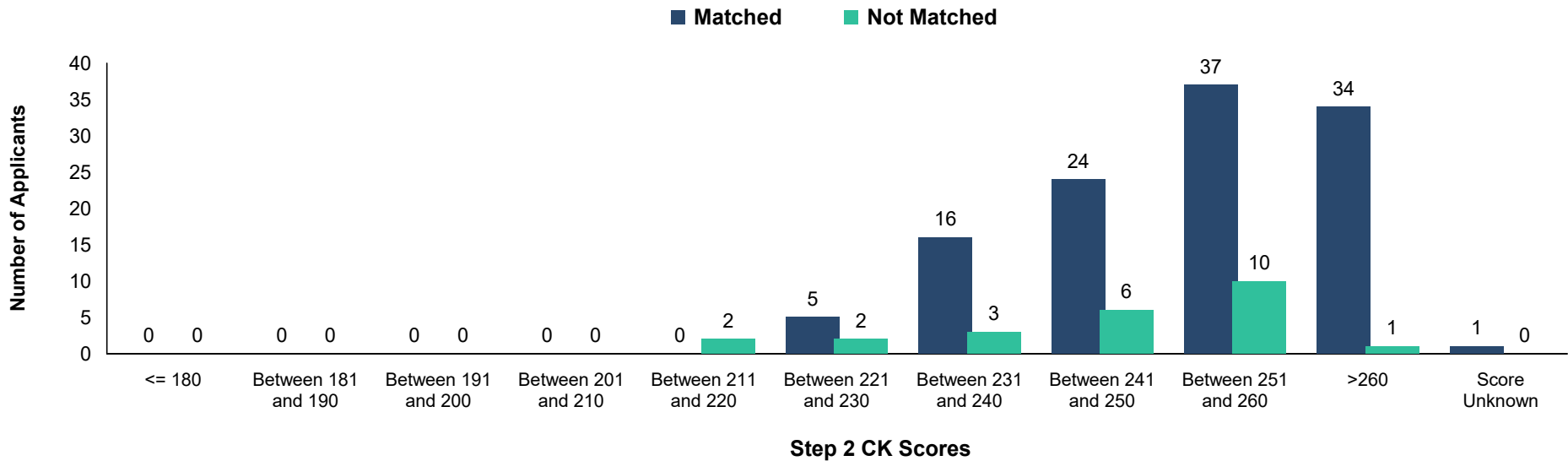
**Chart
IR-3**

**USMLE Step 1 Scores of U.S. MD Seniors
Interventional Radiology**



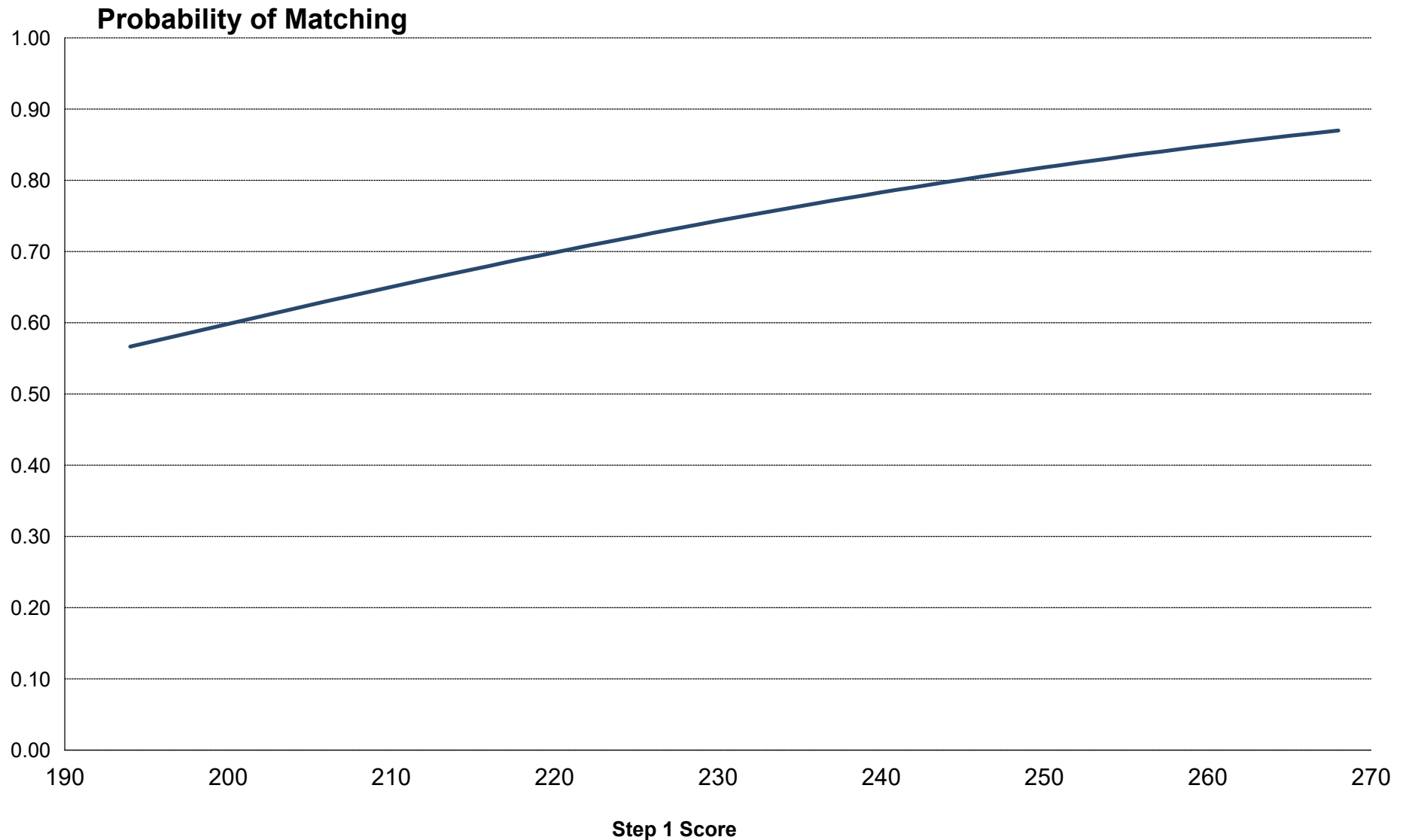
**Chart
IR-4**

**USMLE Step 2 CK Scores of U.S. MD Seniors
Interventional Radiology**



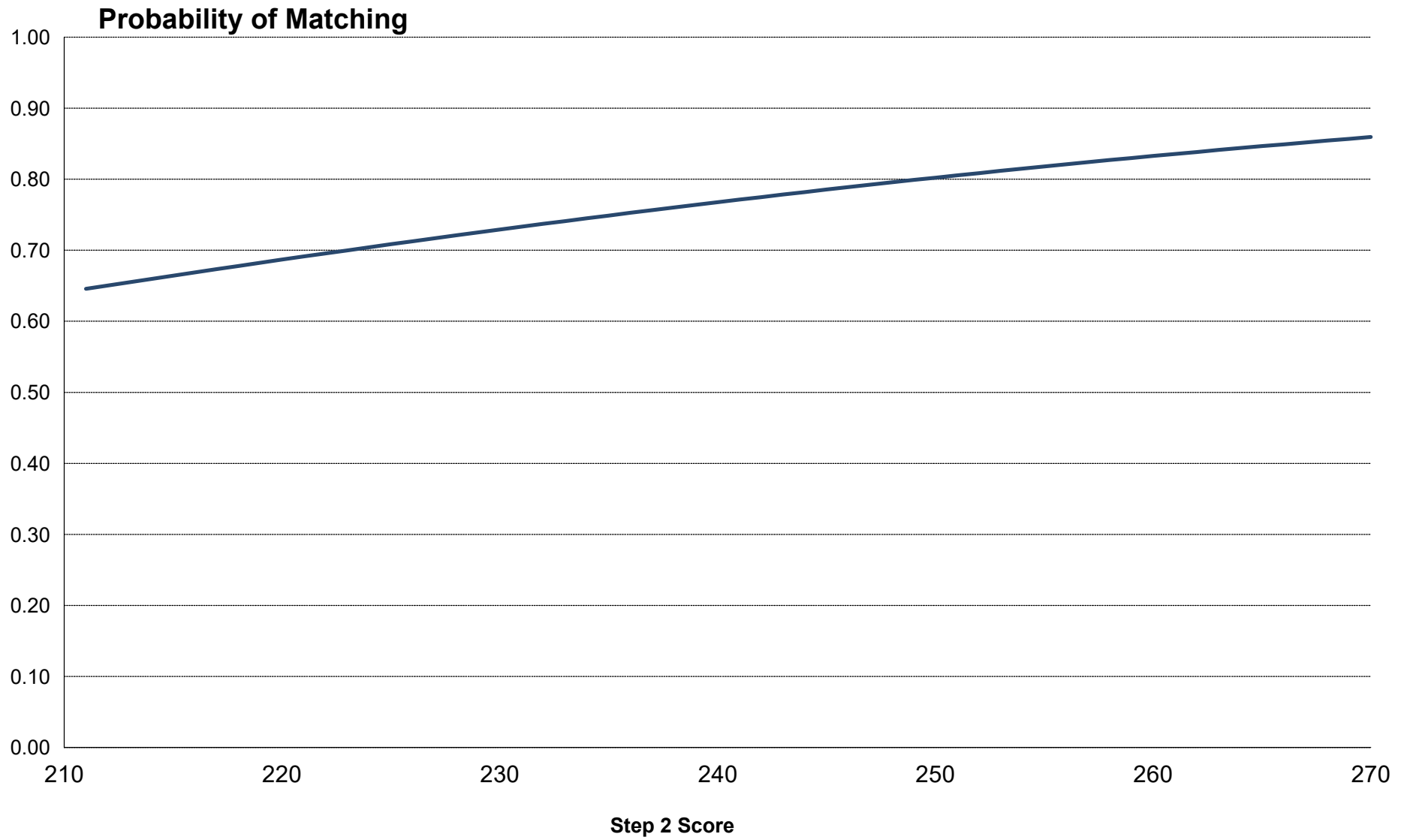
Probability of U.S. MD Seniors Matching to Preferred Specialty by USMLE Step 1 Score

Interventional Radiology



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants.

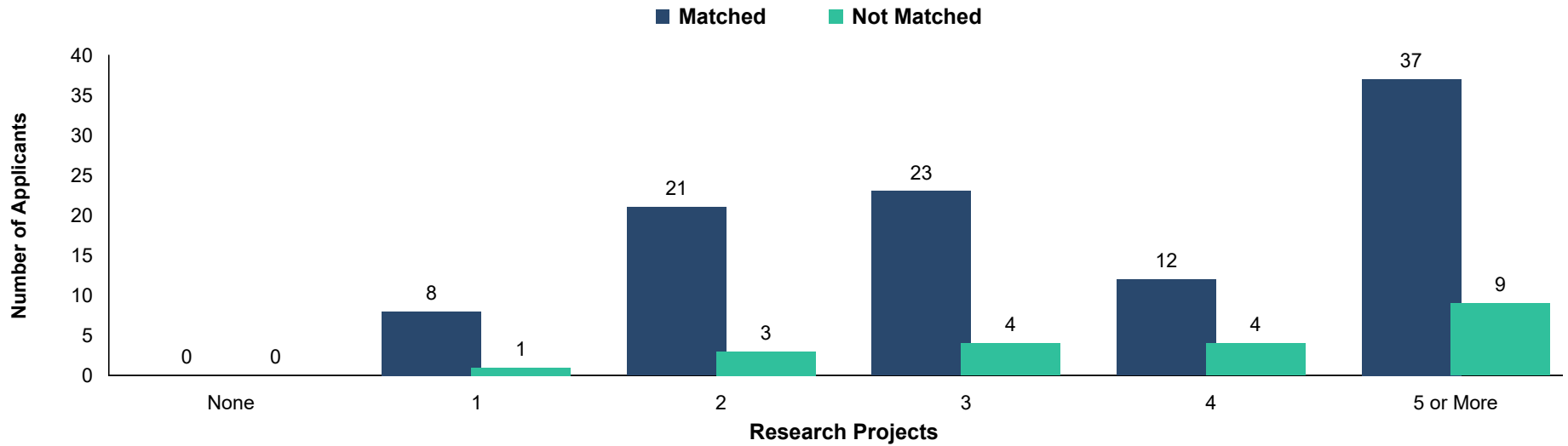
Probability of U.S. MD Seniors Matching to Preferred Specialty by USMLE Step 2 Score *Interventional Radiology*



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants.

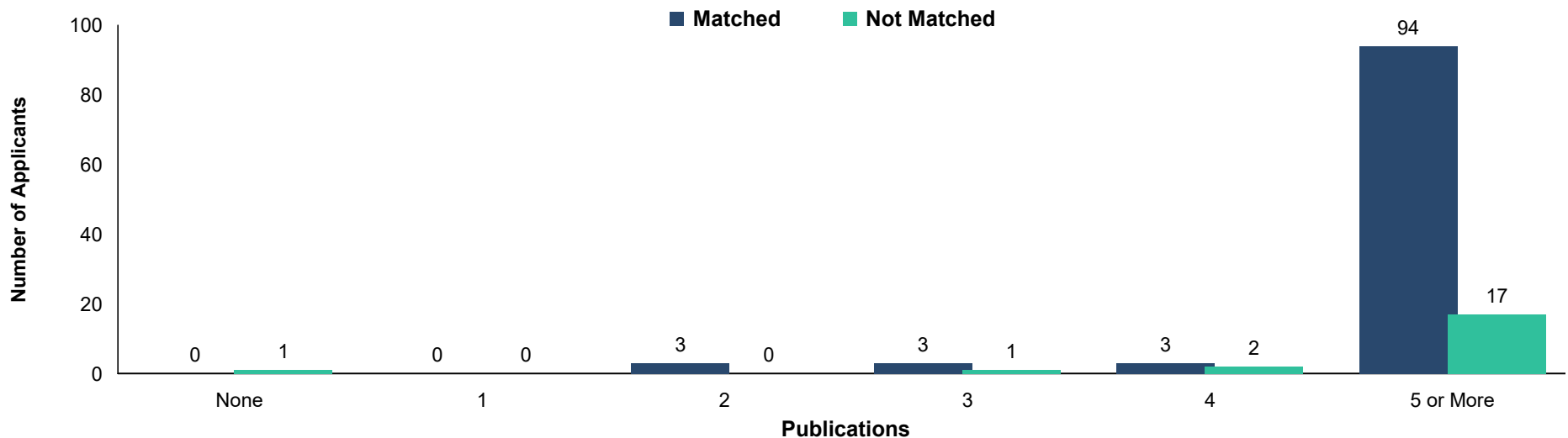
**Chart
IR-5**

**Number of Research Projects of U.S. MD Seniors
*Interventional Radiology***



**Chart
IR-6**

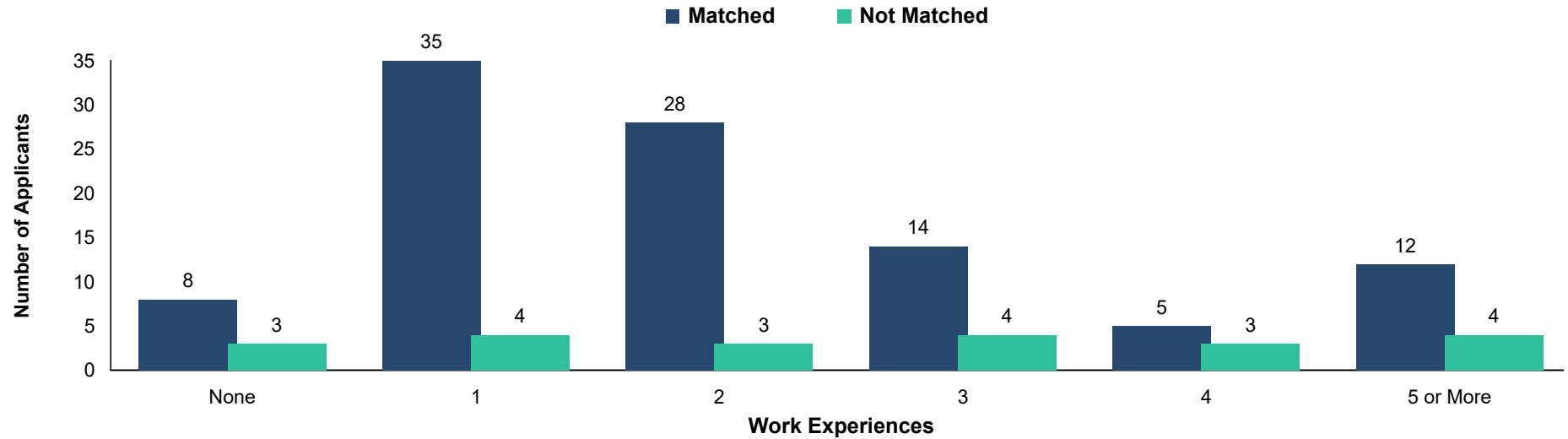
**Number of Abstracts, Presentations, and Publications of U.S. MD Seniors
*Interventional Radiology***



Source: NRMP Data Warehouse

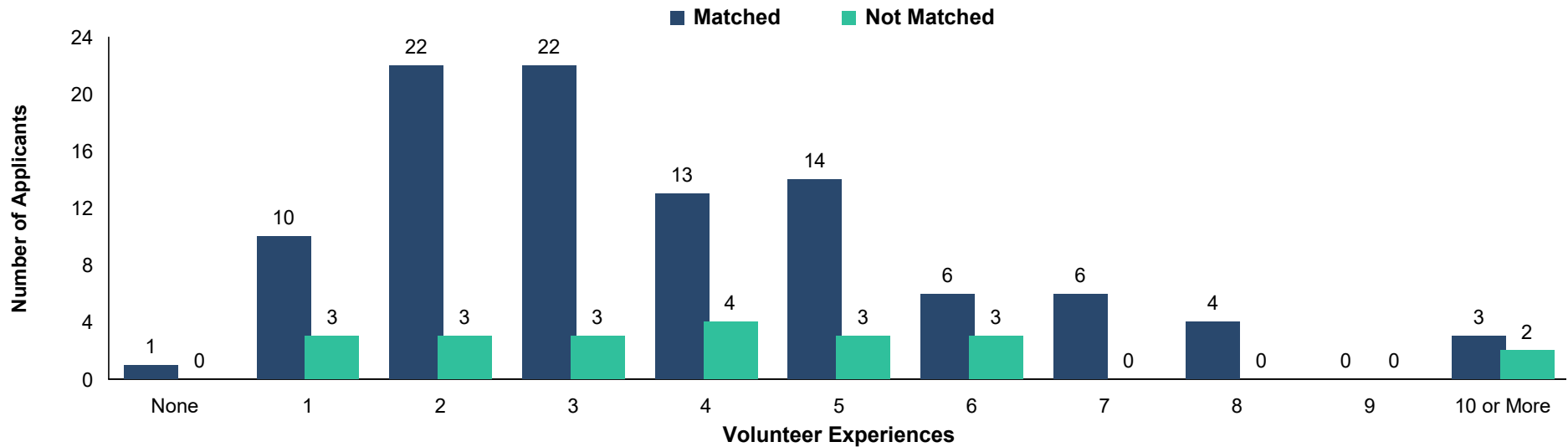
**Chart
IR-7**

**Number of Work Experiences of U.S. MD Seniors
Interventional Radiology**



**Chart
IR-8**

**Number of Volunteer Experiences of U.S. MD Seniors
Interventional Radiology**

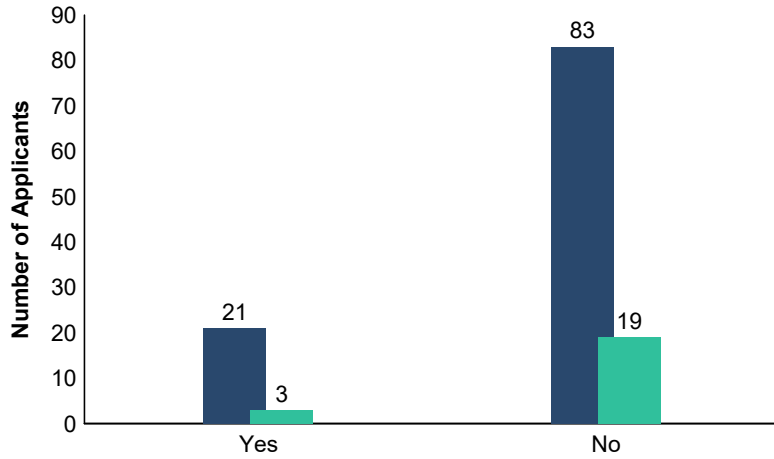


Source: NRMP Data Warehouse

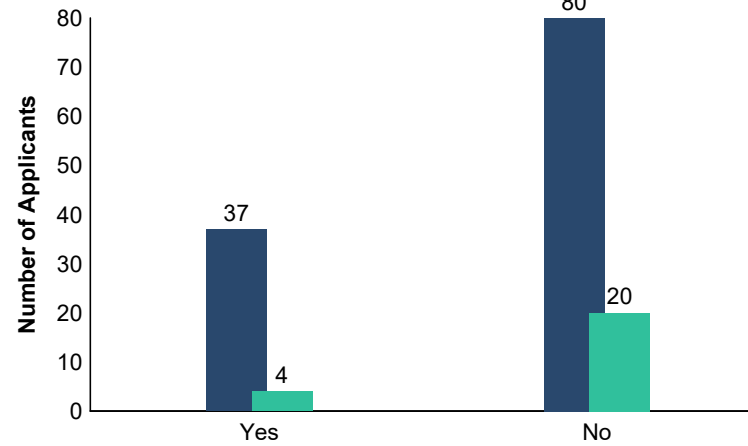
Other Characteristics of U.S. MD Seniors
Interventional Radiology

■ Matched ■ Not Matched

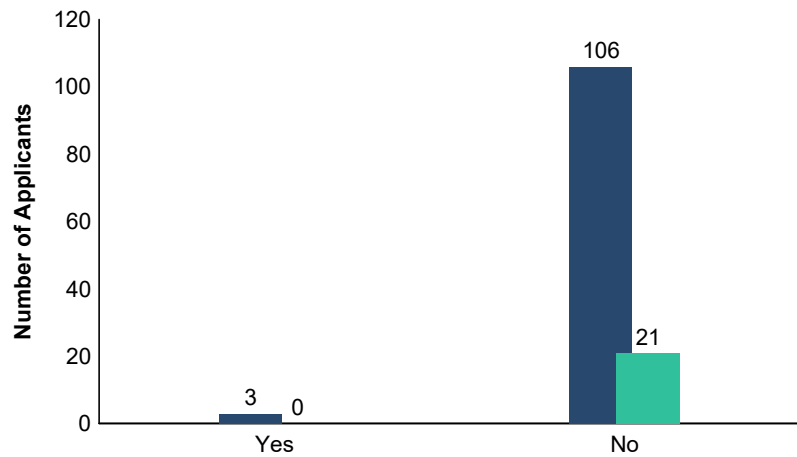
AOA Membership



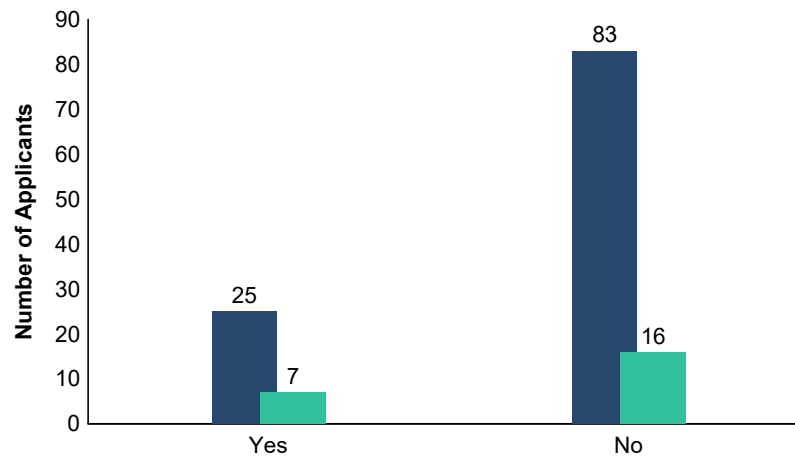
Graduate of One of the 40 U.S. Medical Schools with the Highest NIH Funding



Ph.D. Degree



Other Graduate Degree



Source: NRMP Data Warehouse. Top 40 U.S. medical schools with the highest NIH funding from NIH: <http://report.nih.gov/award/index.cfm>

NS Neurological Surgery

Table NS-1 **Summary Statistics on U.S. MD Seniors**
Neurological Surgery

Measure	Matched (n=161)	Unmatched (n=71)
1. Mean number of contiguous ranks	16.7	9.1
2. Mean number of distinct specialties ranked	1.0	1.3
3. Mean USMLE Step 1 score*	245	230
4. Mean USMLE Step 2 score	255	247
5. Mean number of research experiences	5.8	5.5
6. Mean number of abstracts, presentations, and publications	37.4	31.8
7. Mean number of work experiences	2.2	1.8
8. Mean number of volunteer experiences	4.2	4.2
9. Percentage who are AOA members	28.0	14.1
10. Percentage who graduated from one of the 40 U.S. medical schools with the highest NIH funding	46.0	25.4
11. Percentage who have Ph.D. degree	6.8	7.9
12. Percentage who have another graduate degree	25.9	27.0

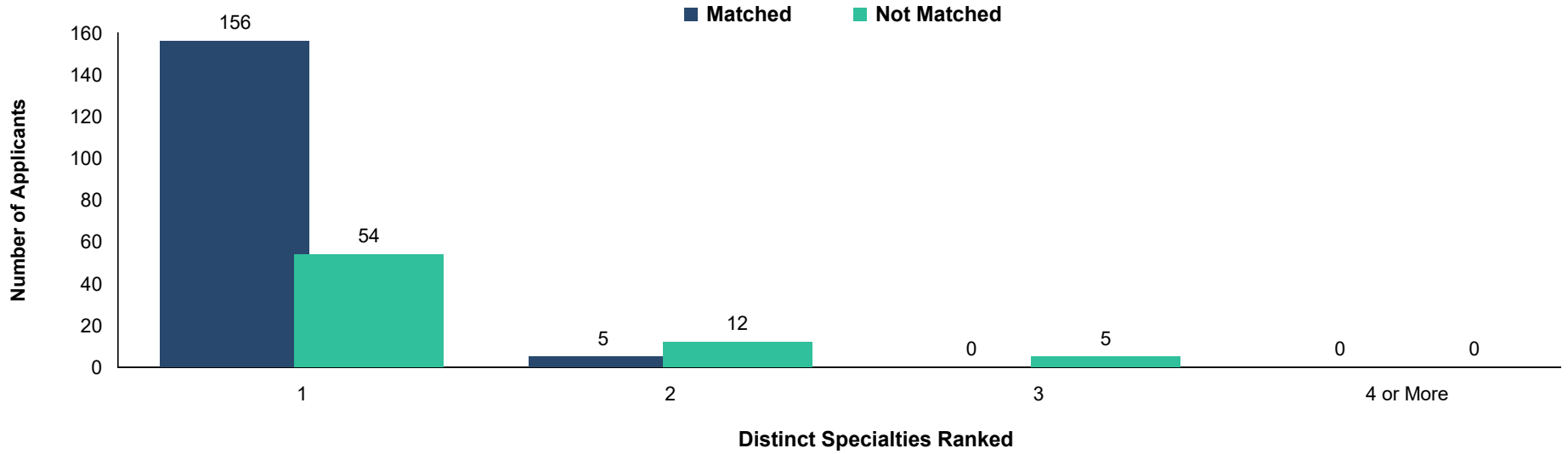
Note: Only U.S. MD seniors who gave consent to use their information in research are included.

*Only applicants who indicated completion of the USMLE Step 1 exam prior to the transition to pass/fail (i.e., prior to January 26, 2022) had the option to self-report their Step 1 numeric score. In 2024, only 2,143 U.S. MD seniors self-reported Step 1 numeric scores.

Sources. NRMP Data Warehouse; Top 40 U.S. medical schools with the highest NIH funding in measure 10 is from the NIH website (<http://report.nih.gov/award/index.cfm>).

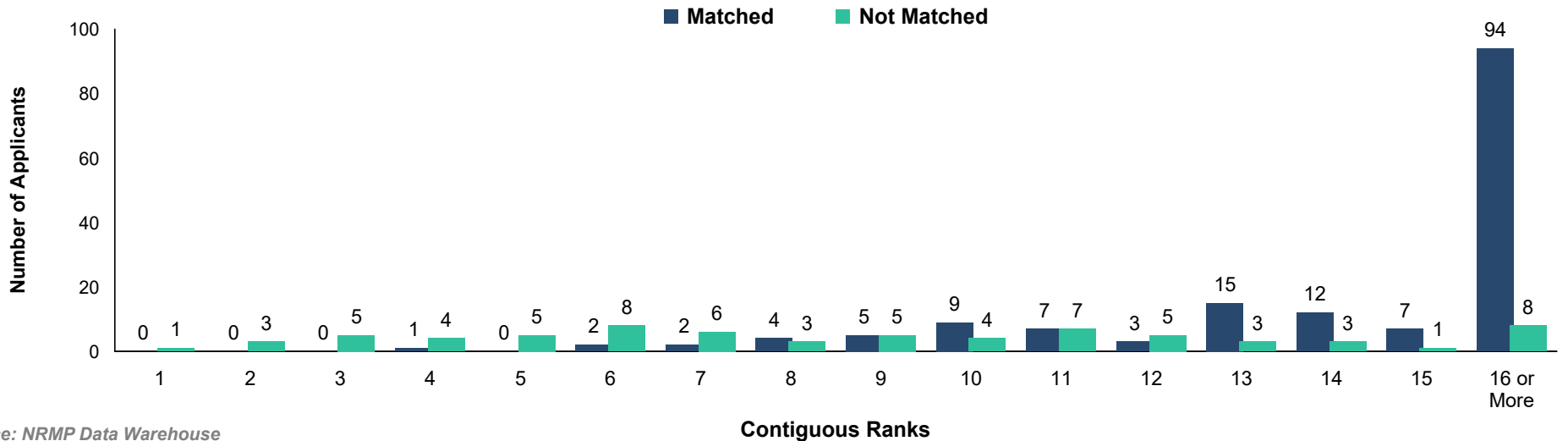
**Chart
NS-1**

**Number of Distinct Specialties Ranked by U.S. MD Seniors
*Neurological Surgery***



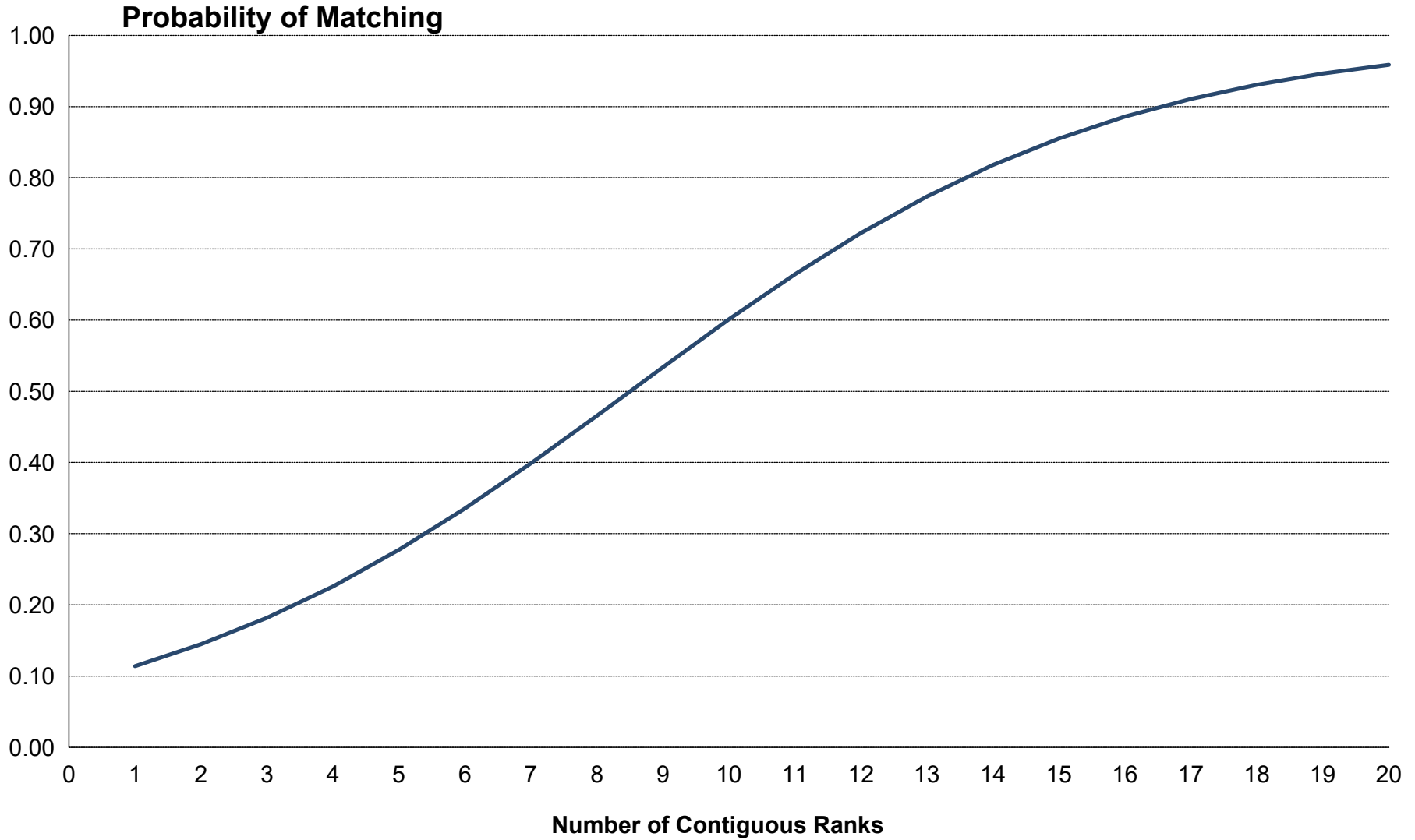
**Chart
NS-2**

**Number of Contiguous Ranks of U.S. MD Seniors
*Neurological Surgery***



Source: NRMP Data Warehouse

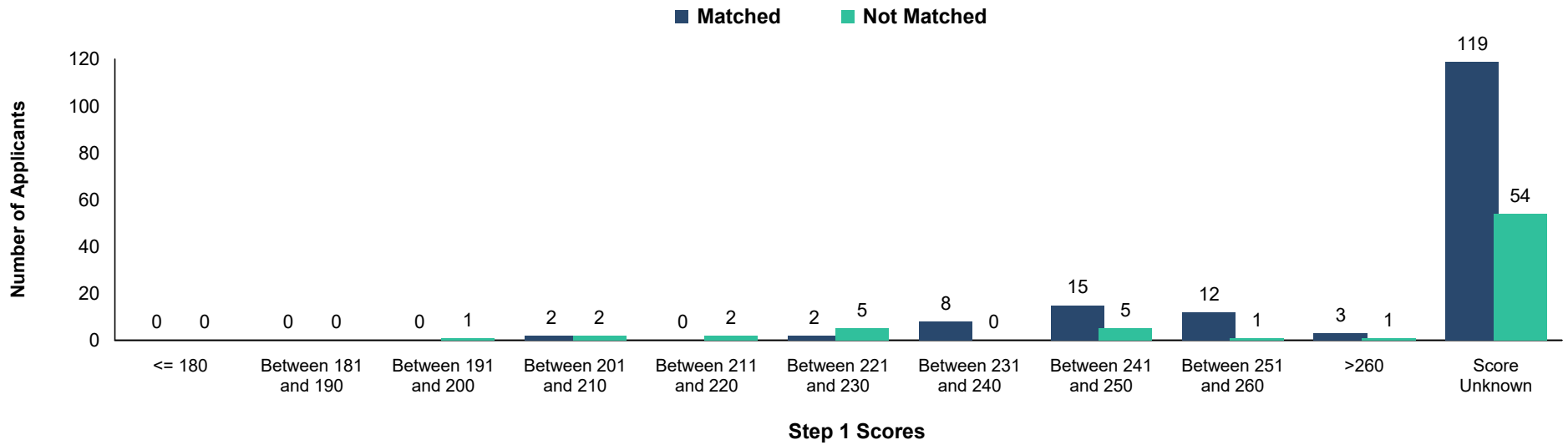
Probability of U.S. MD Seniors Matching to Preferred Specialty by Number of Contiguous Ranks
Neurological Surgery



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants

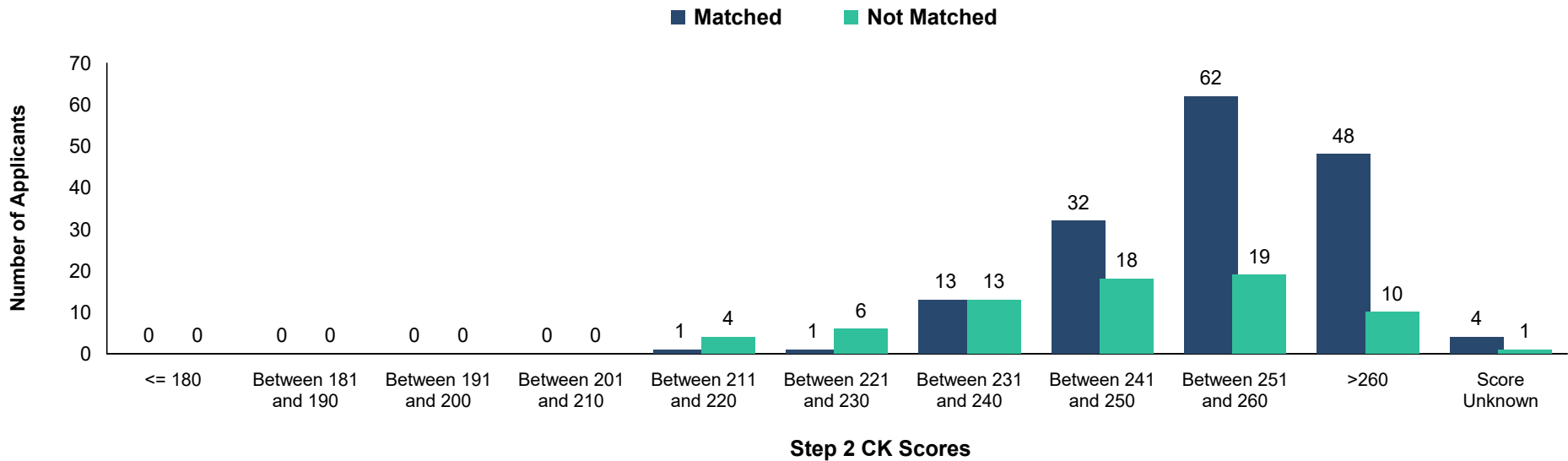
**Chart
NS-3**

**USMLE Step 1 Scores of U.S. MD Seniors
Neurological Surgery**



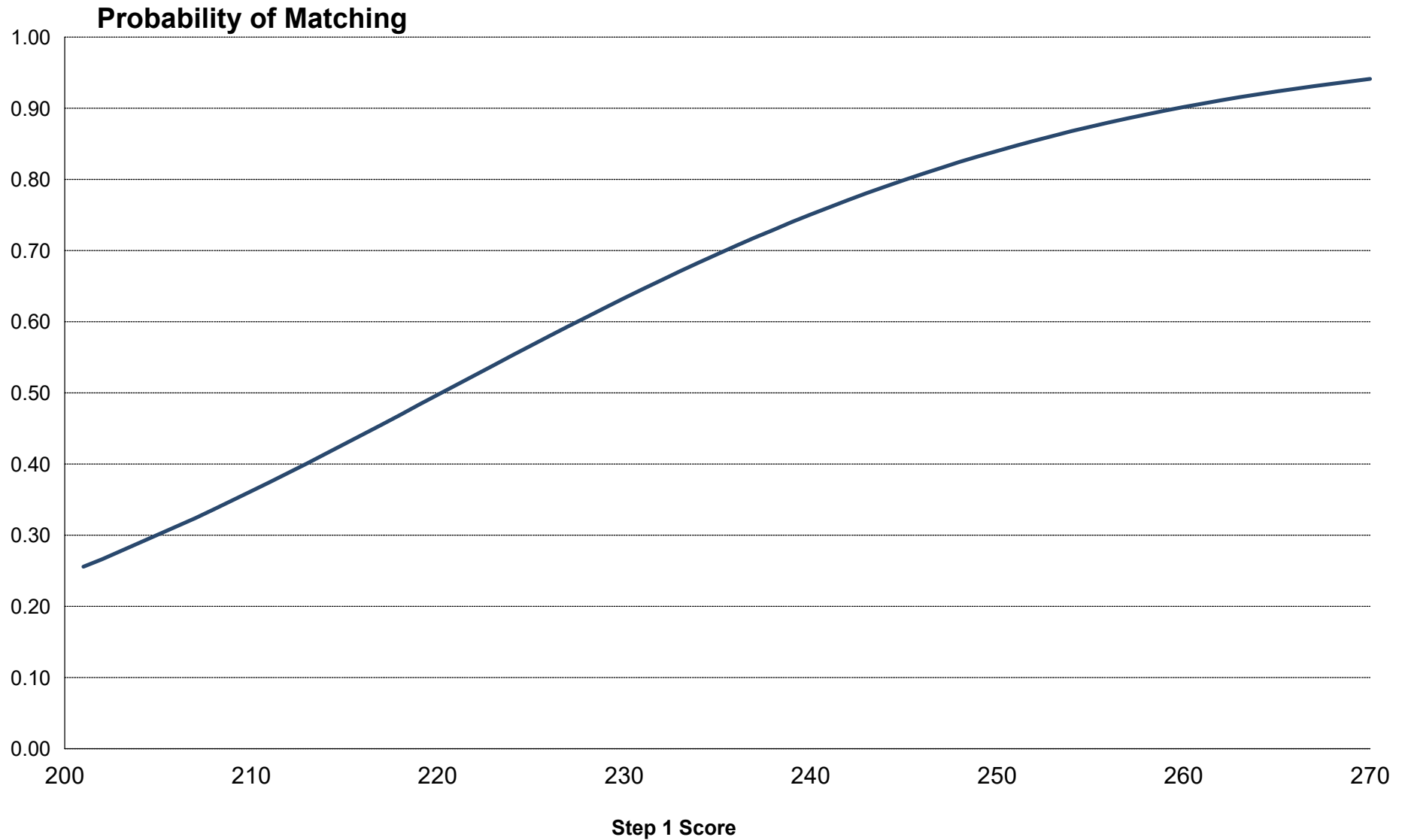
**Chart
NS-4**

**USMLE Step 2 CK Scores of U.S. MD Seniors
Neurological Surgery**



Probability of U.S. MD Seniors Matching to Preferred Specialty by USMLE Step 1 Score

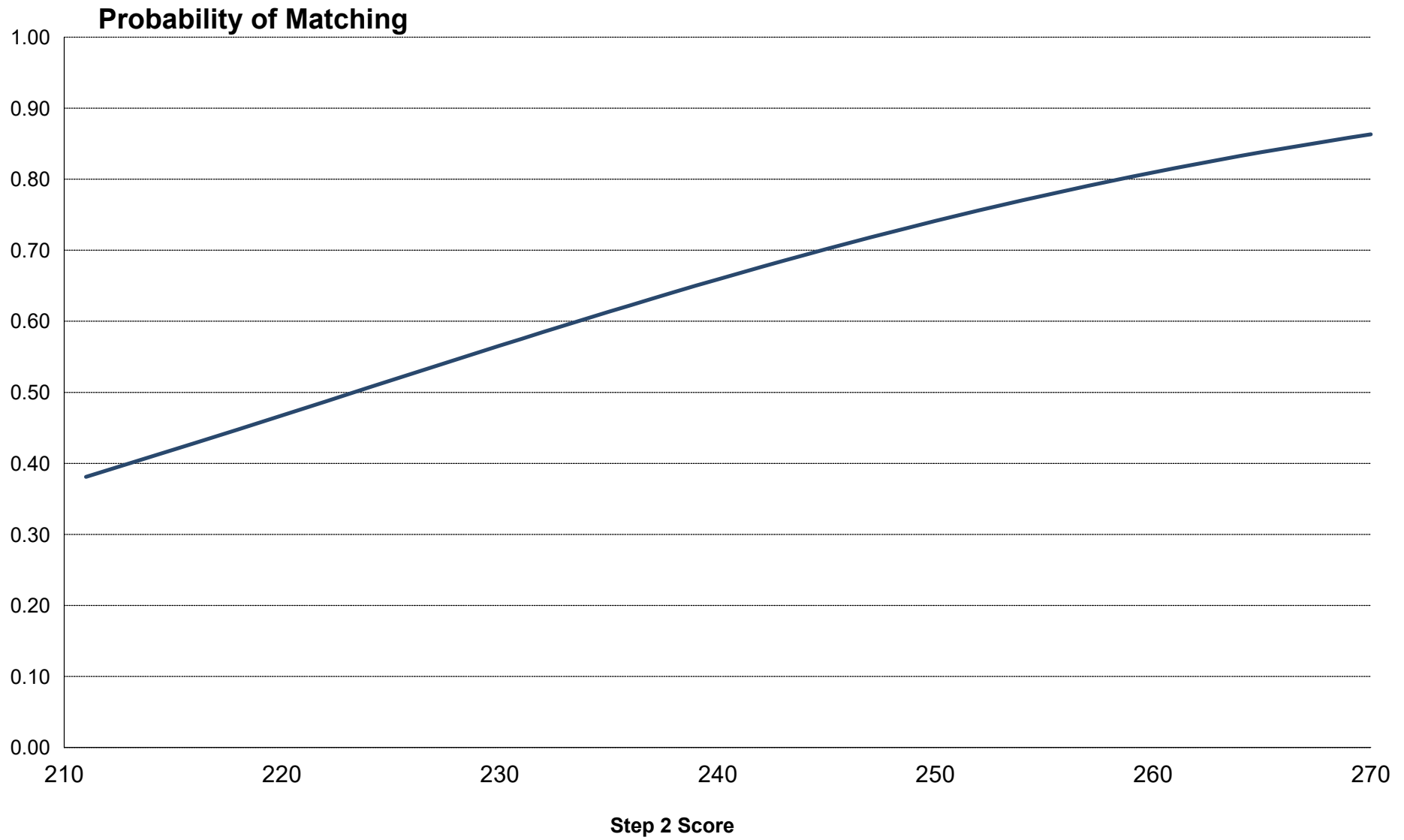
Neurological Surgery



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants.

Probability of U.S. MD Seniors Matching to Preferred Specialty by USMLE Step 2 Score

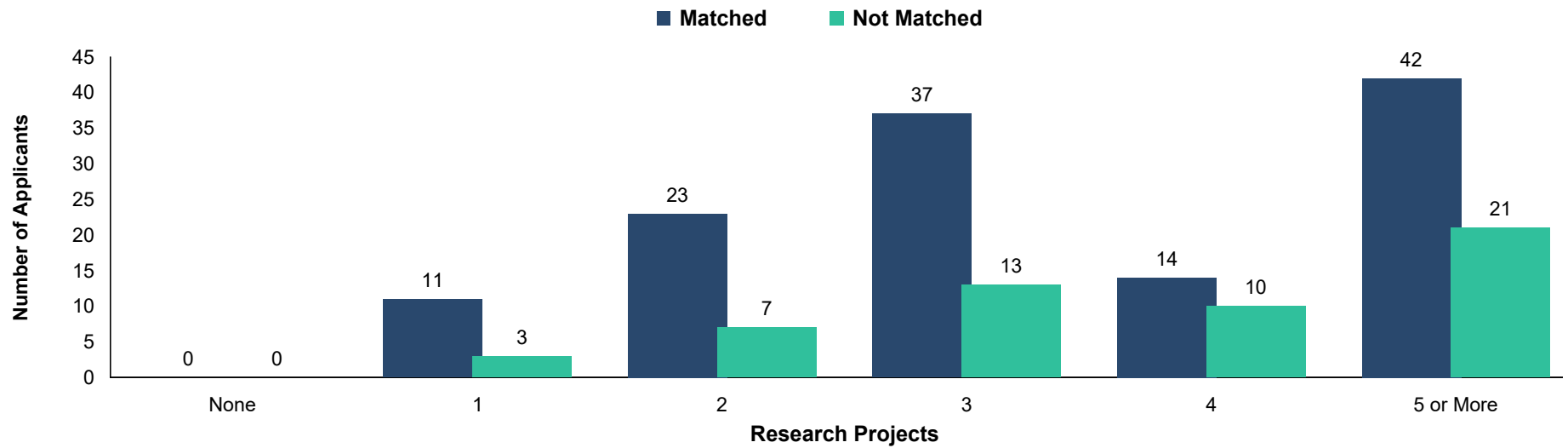
Neurological Surgery



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants.

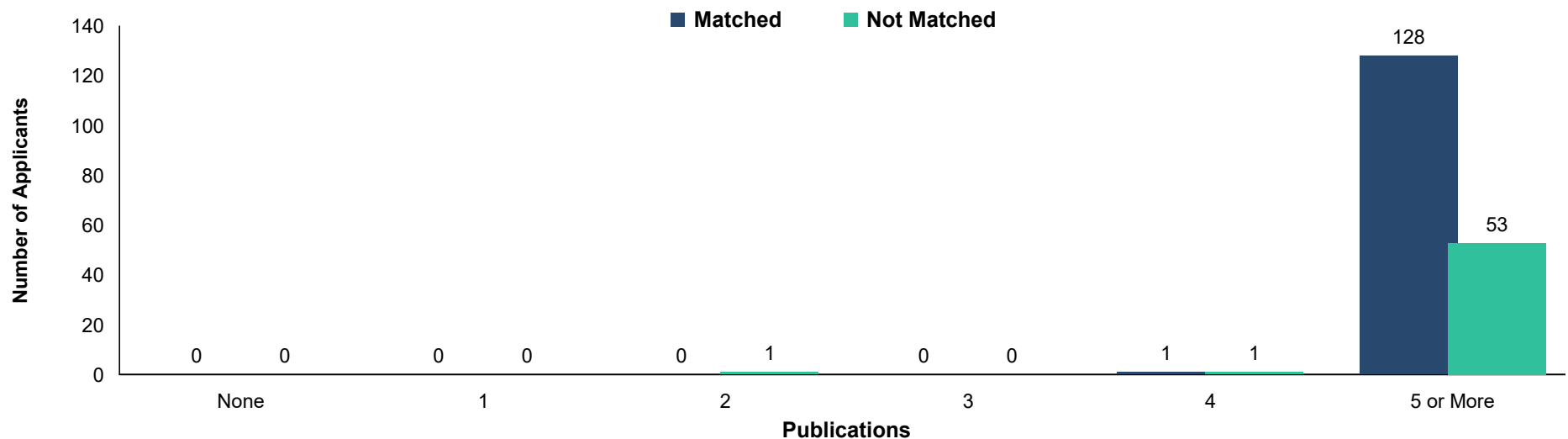
**Chart
NS-5**

**Number of Research Projects of U.S. MD Seniors
*Neurological Surgery***



**Chart
NS-6**

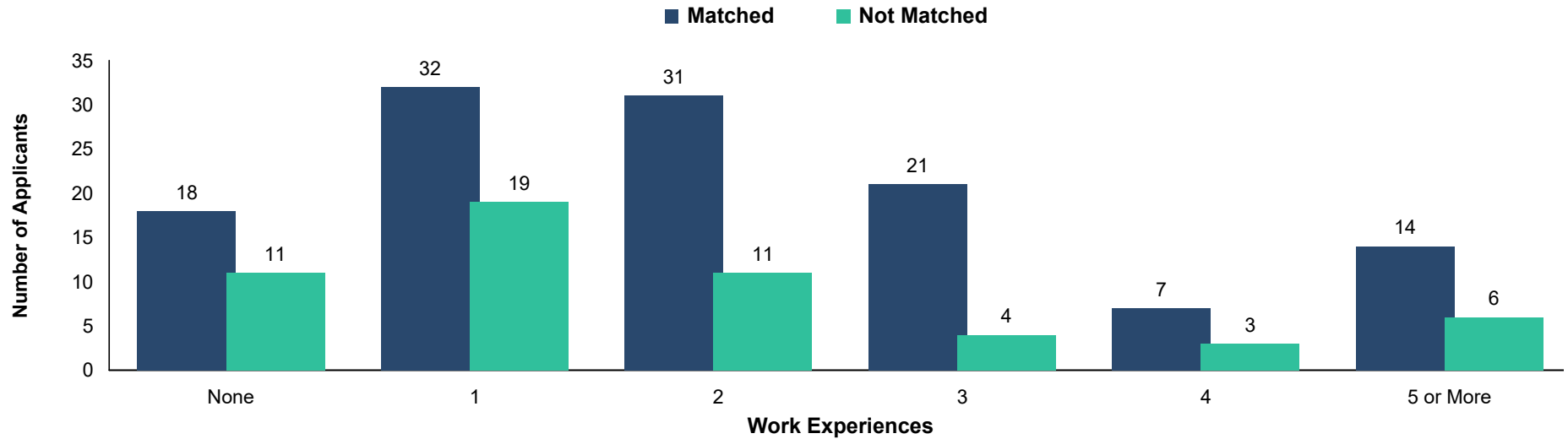
**Number of Abstracts, Presentations, and Publications of U.S. MD Seniors
*Neurological Surgery***



Source: NRMP Data Warehouse

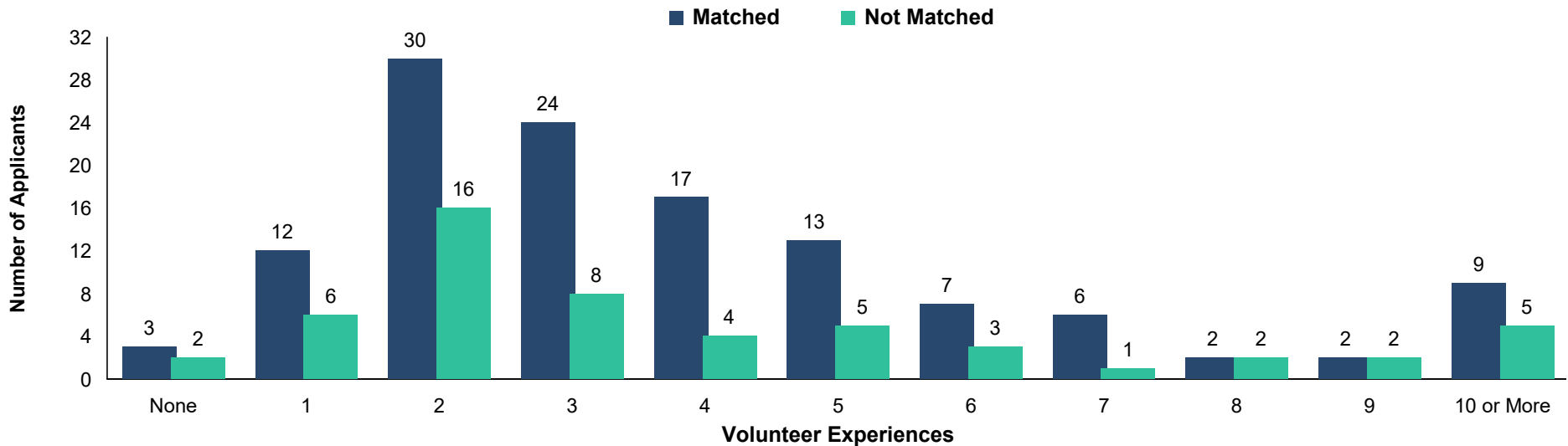
**Chart
NS-7**

Number of Work Experiences of U.S. MD Seniors *Neurological Surgery*



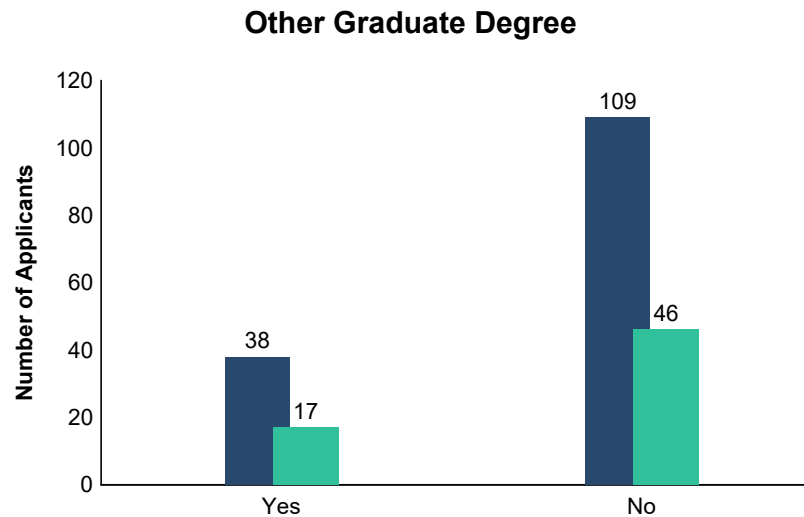
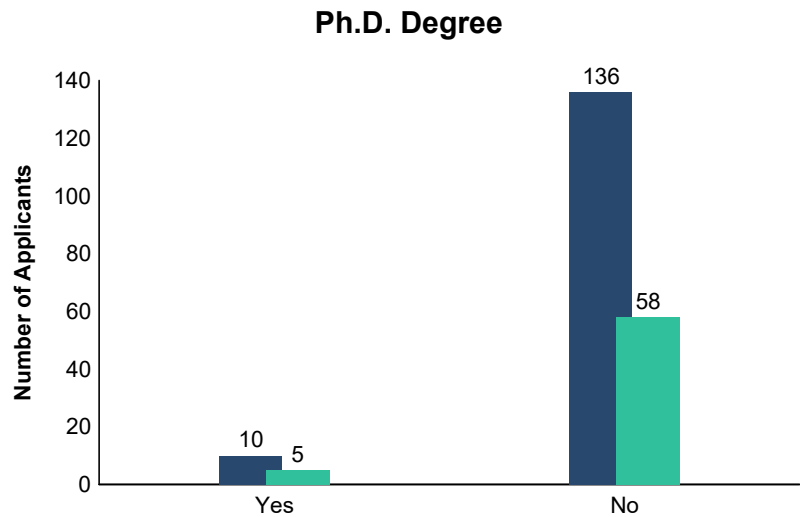
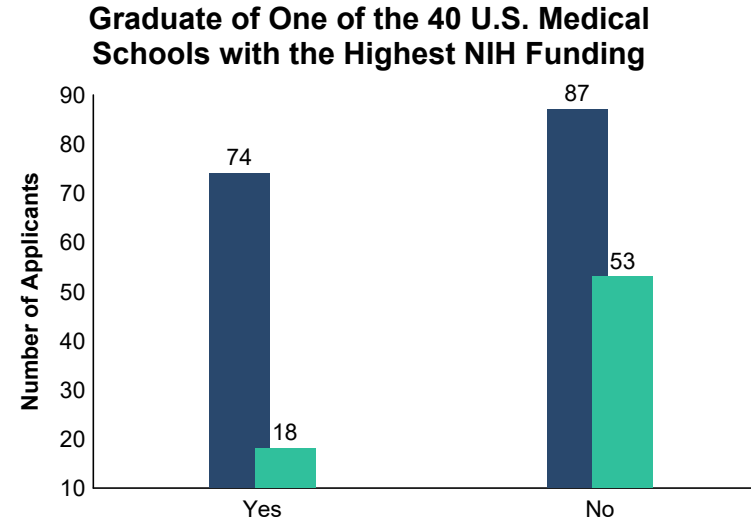
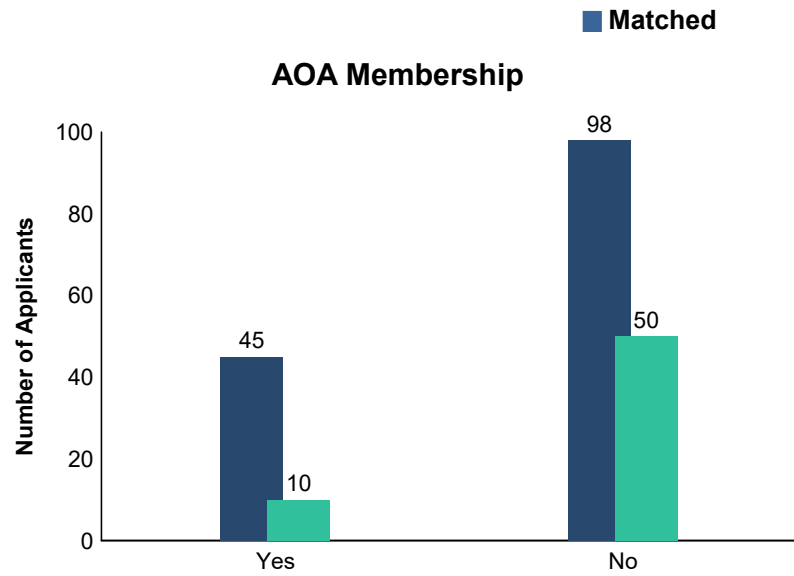
**Chart
NS-8**

Number of Volunteer Experiences of U.S. MD Seniors *Neurological Surgery*



Source: NRMP Data Warehouse

Other Characteristics of U.S. MD Seniors
Neurological Surgery



Source: NRMP Data Warehouse. Top 40 U.S. medical schools with the highest NIH funding from NIH: <http://report.nih.gov/award/index.cfm>

N **Neurology**

Table N-1 **Summary Statistics on U.S. MD Seniors**
Neurology

Measure	Matched (n=488)	Unmatched (n=30)
1. Mean number of contiguous ranks	13.1	4.1
2. Mean number of distinct specialties ranked	1.1	1.3
3. Mean USMLE Step 1 score*	231	228
4. Mean USMLE Step 2 score	250	236
5. Mean number of research experiences	3.5	2.8
6. Mean number of abstracts, presentations, and publications	8.8	5.5
7. Mean number of work experiences	1.8	1.8
8. Mean number of volunteer experiences	4.2	3.9
9. Percentage who are AOA members	12.5	0.0
10. Percentage who graduated from one of the 40 U.S. medical schools with the highest NIH funding	26.8	16.7
11. Percentage who have Ph.D. degree	4.7	3.6
12. Percentage who have another graduate degree	19.5	14.3

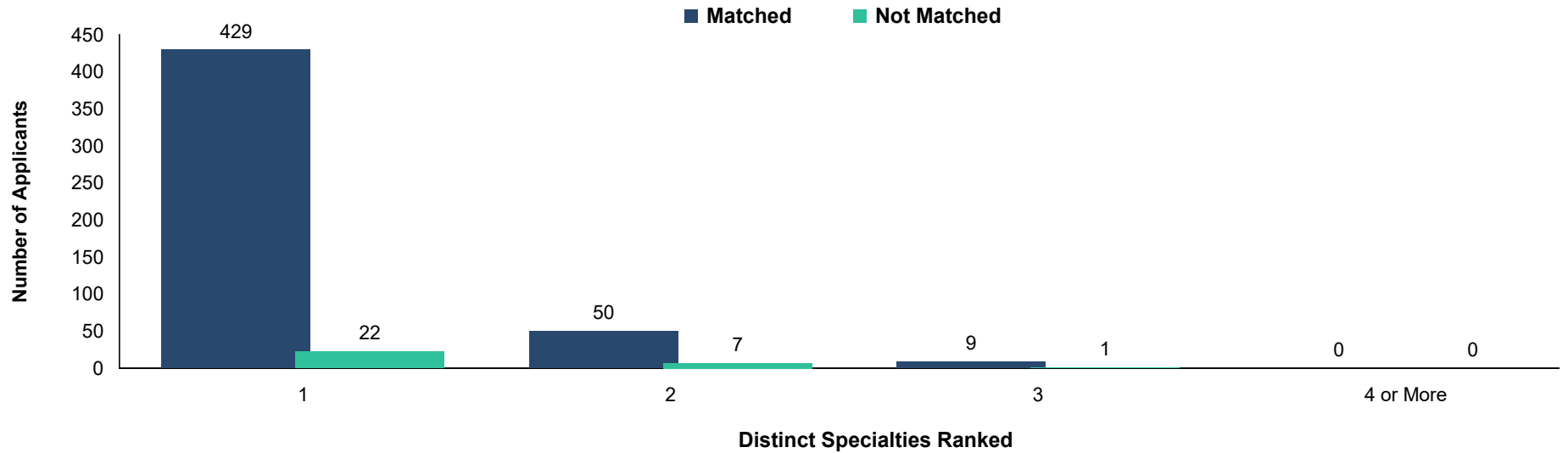
Note: Only U.S. MD seniors who gave consent to use their information in research are included.

*Only applicants who indicated completion of the USMLE Step 1 exam prior to the transition to pass/fail (i.e., prior to January 26, 2022) had the option to self-report their Step 1 numeric score. In 2024, only 2,143 U.S. MD seniors self-reported Step 1 numeric scores.

Sources. NRMP Data Warehouse; Top 40 U.S. medical schools with the highest NIH funding in measure 10 is from the NIH website (<http://report.nih.gov/award/index.cfm>).

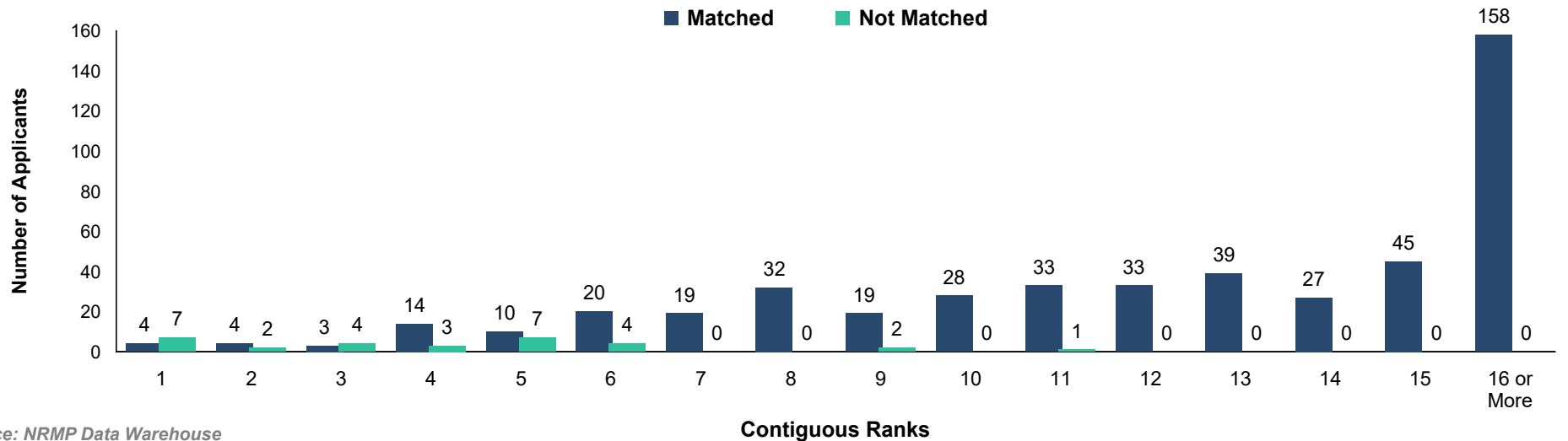
**Chart
N-1**

**Number of Distinct Specialties Ranked by U.S. MD Seniors
Neurology**



**Chart
N-2**

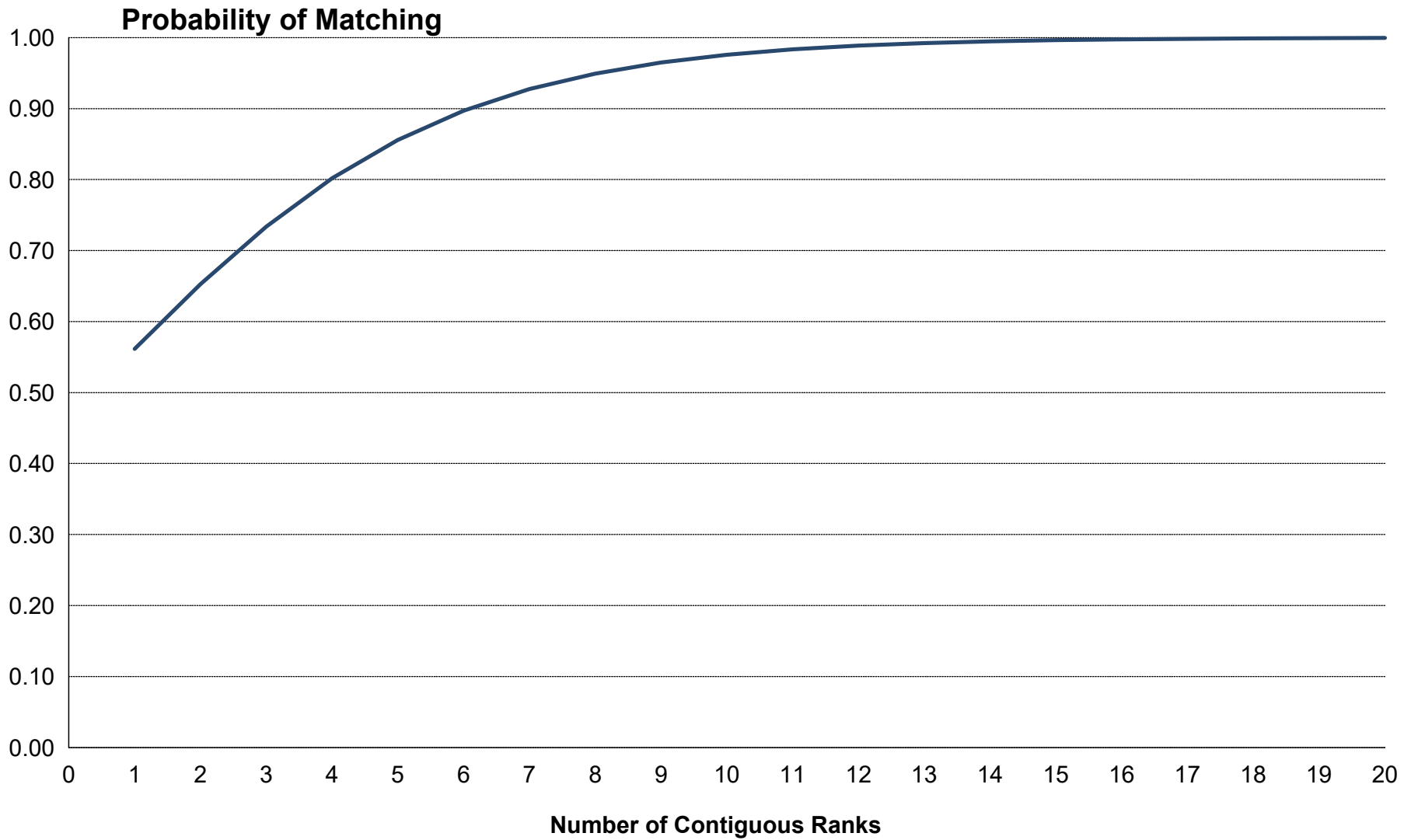
**Number of Contiguous Ranks of U.S. MD Seniors
Neurology**



Source: NRMP Data Warehouse

**Graph
N-1**

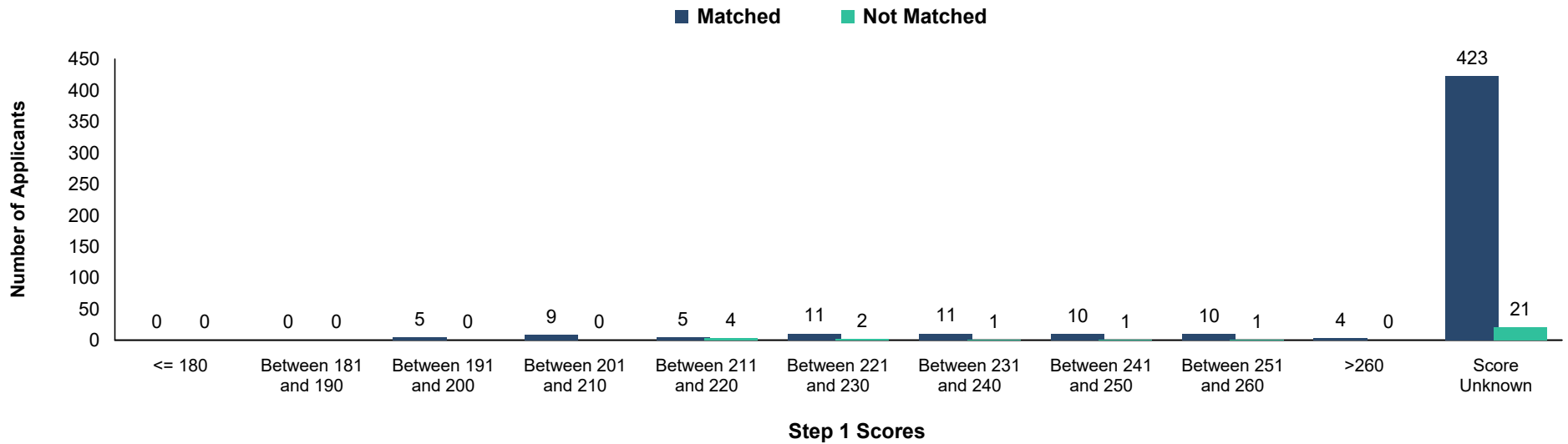
Probability of U.S. MD Seniors Matching to Preferred Specialty by Number of Contiguous Ranks
Neurology



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants

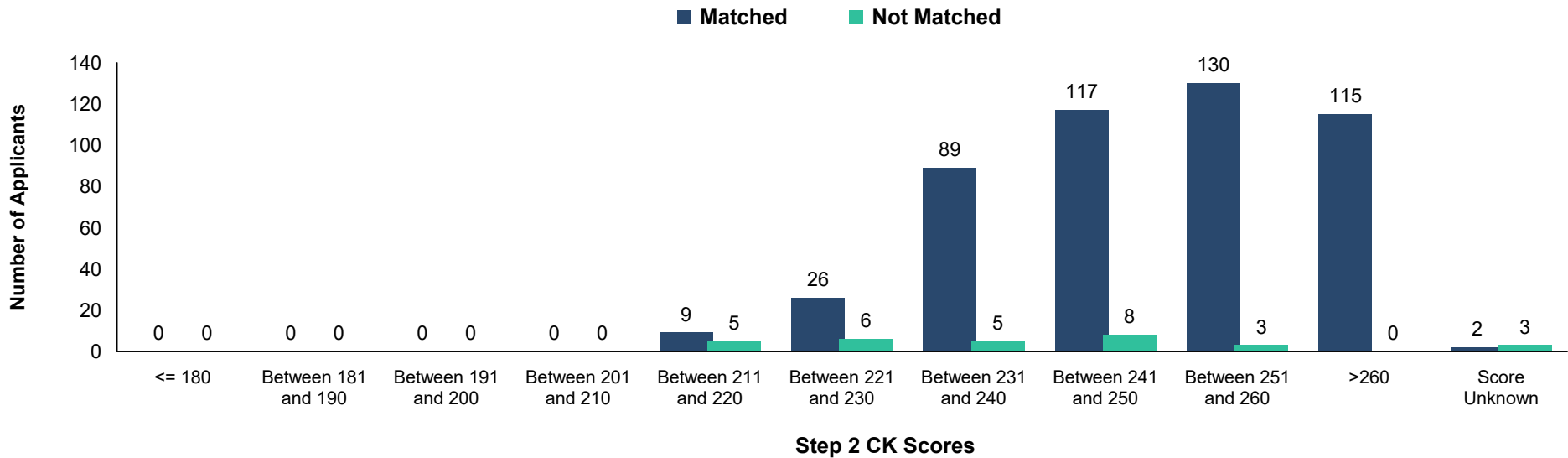
**Chart
N-3**

**USMLE Step 1 Scores of U.S. MD Seniors
Neurology**



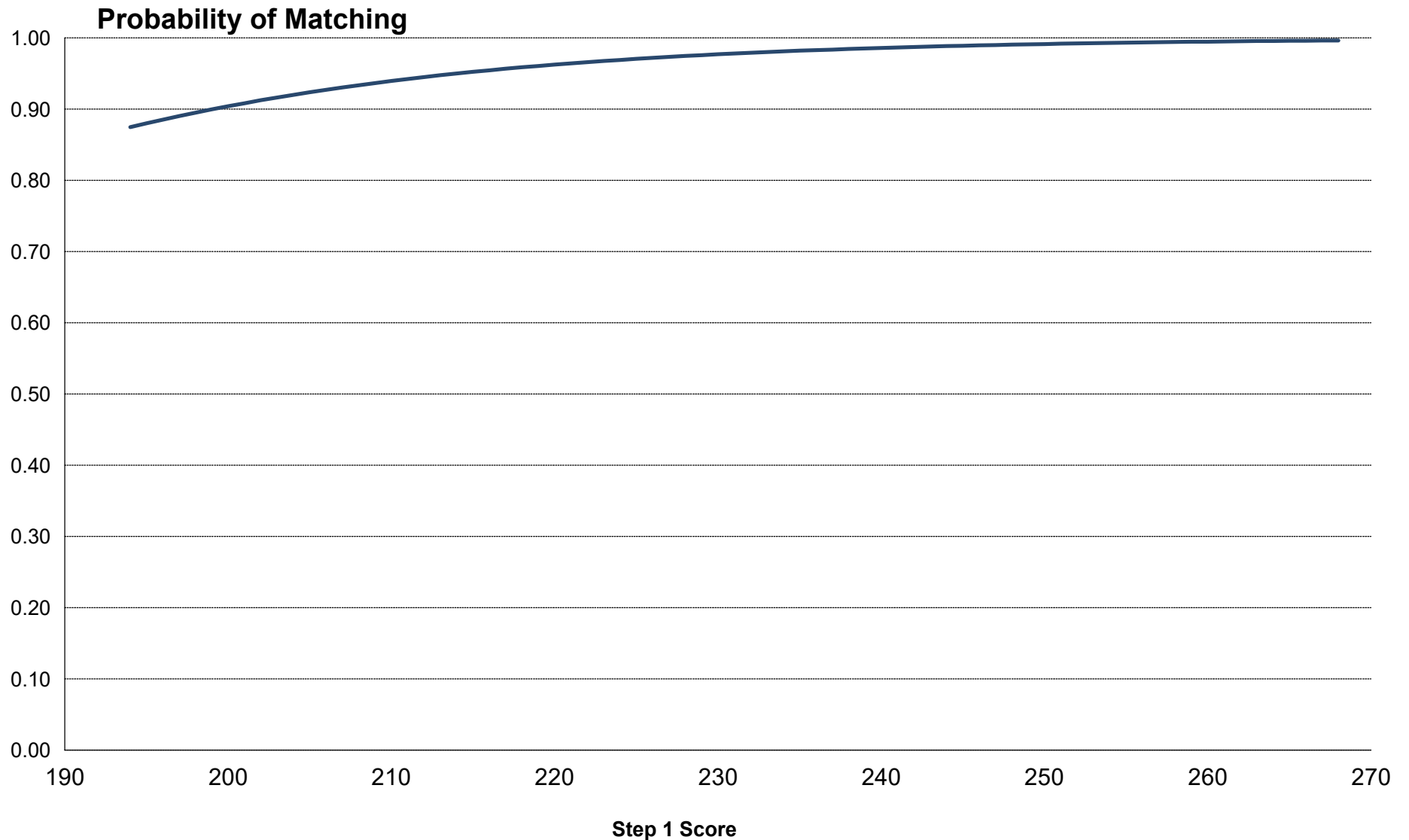
**Chart
N-4**

**USMLE Step 2 CK Scores of U.S. MD Seniors
Neurology**



**Graph
N-2**

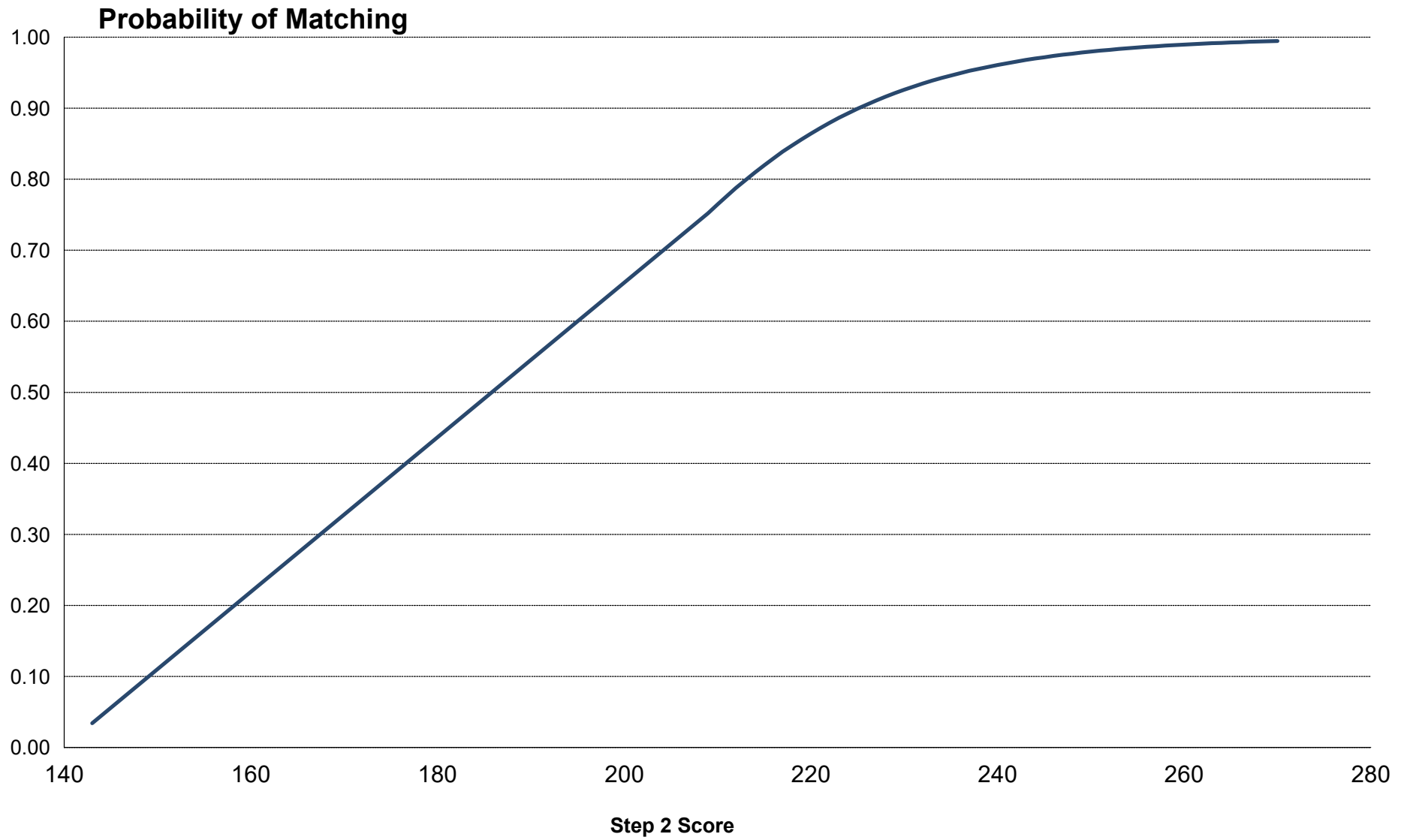
Probability of U.S. MD Seniors Matching to Preferred Specialty by USMLE Step 1 Score
Neurology



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants.

Probability of U.S. MD Seniors Matching to Preferred Specialty by USMLE Step 2 Score

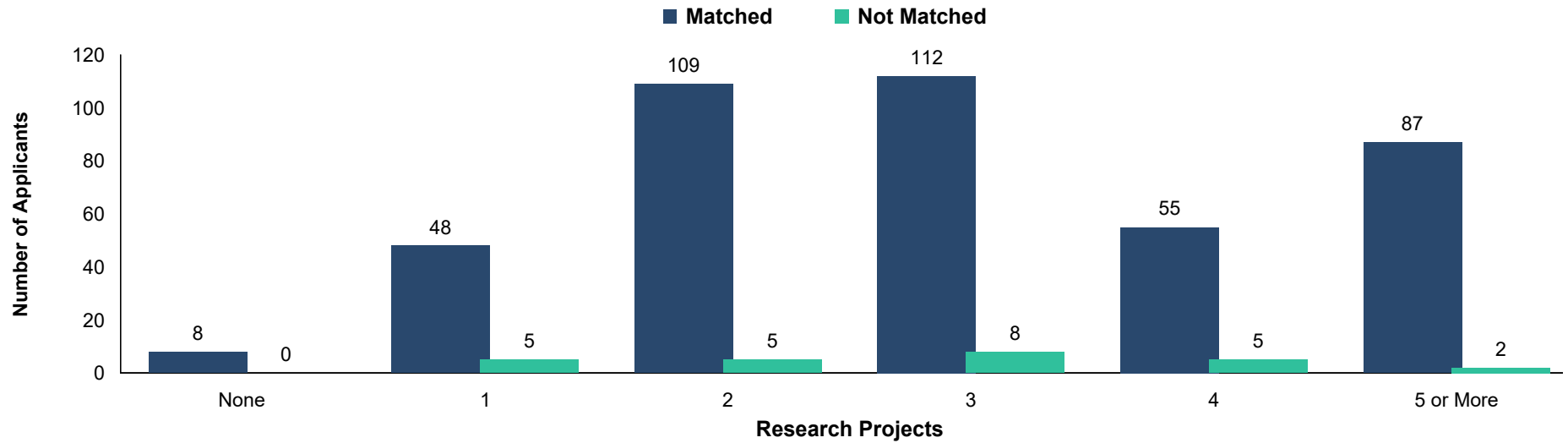
Neurology



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants.

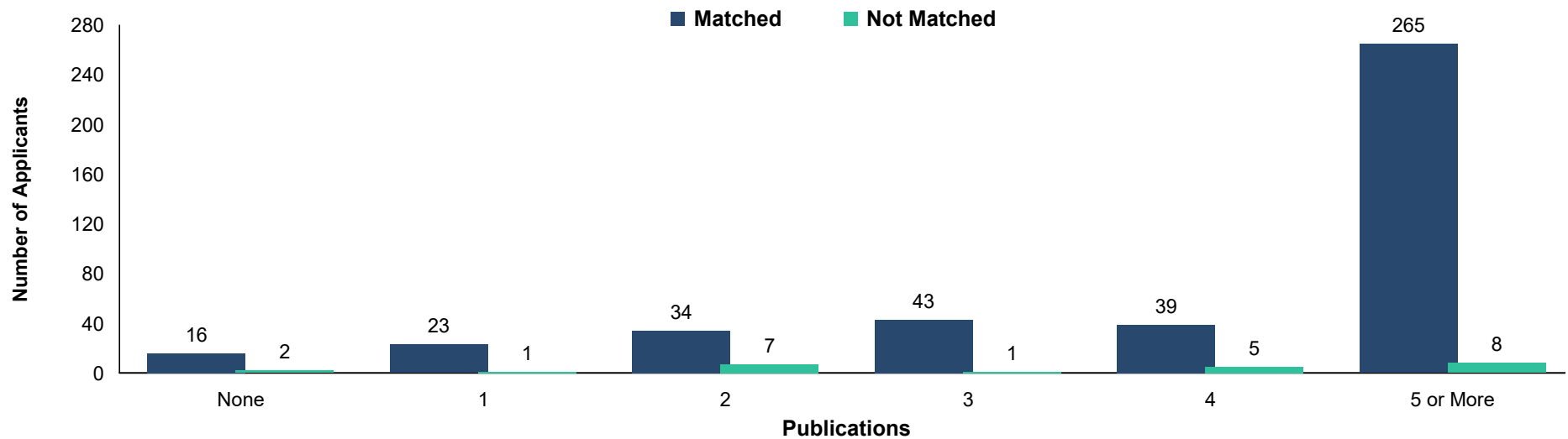
**Chart
N-5**

Number of Research Projects of U.S. MD Seniors *Neurology*



**Chart
N-6**

Number of Abstracts, Presentations, and Publications of U.S. MD Seniors *Neurology*



Source: NRMP Data Warehouse

Chart N-7 Number of Work Experiences of U.S. MD Seniors
Neurology

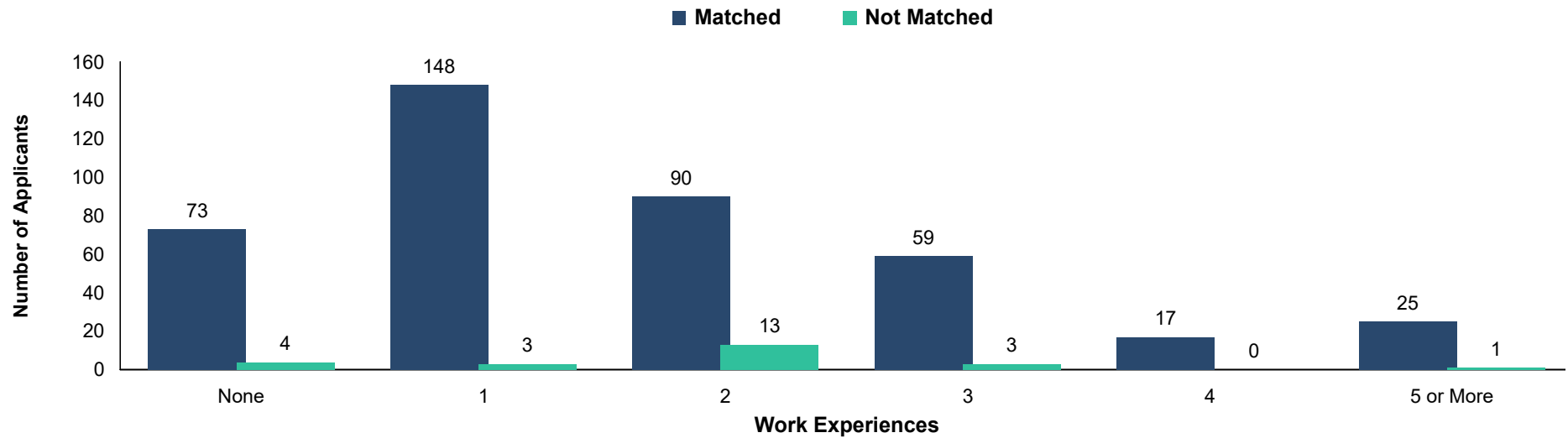
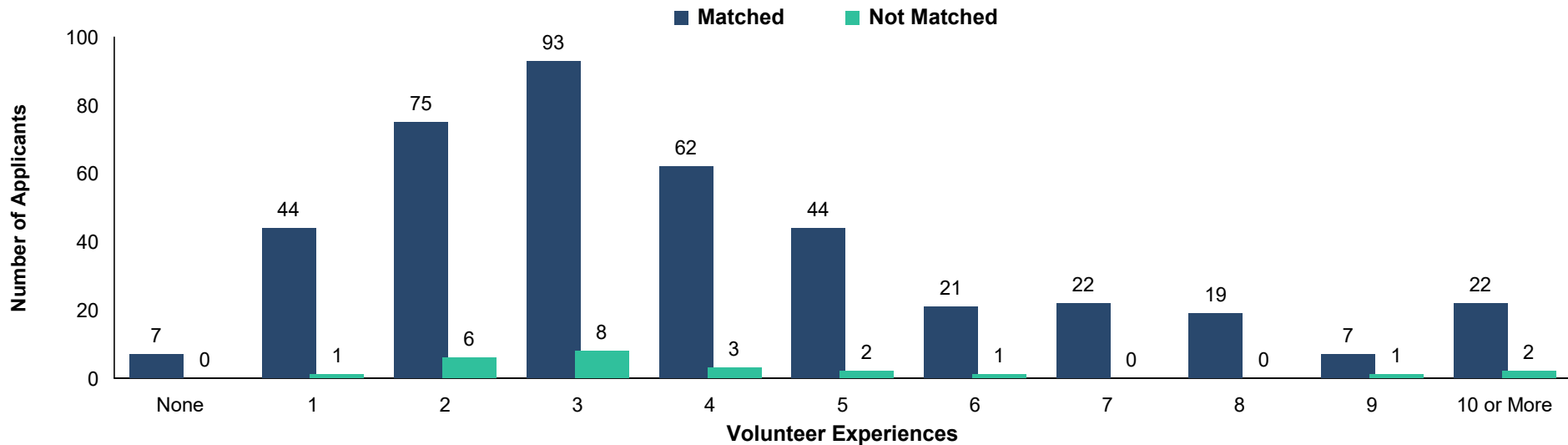


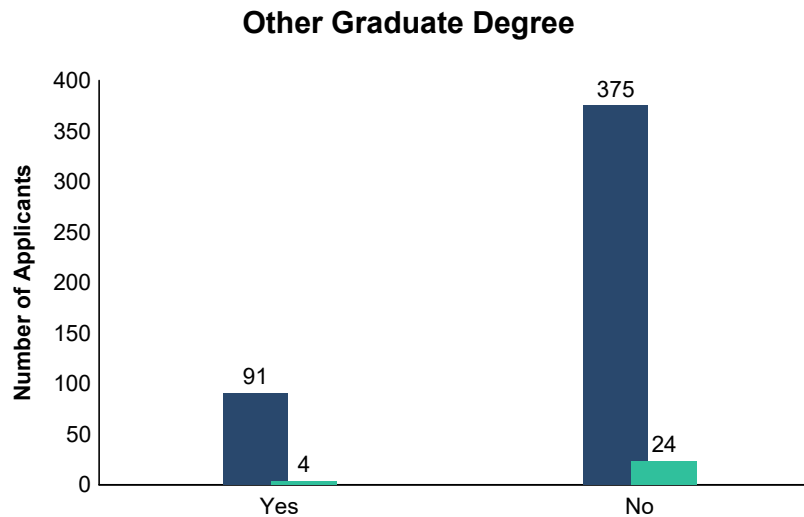
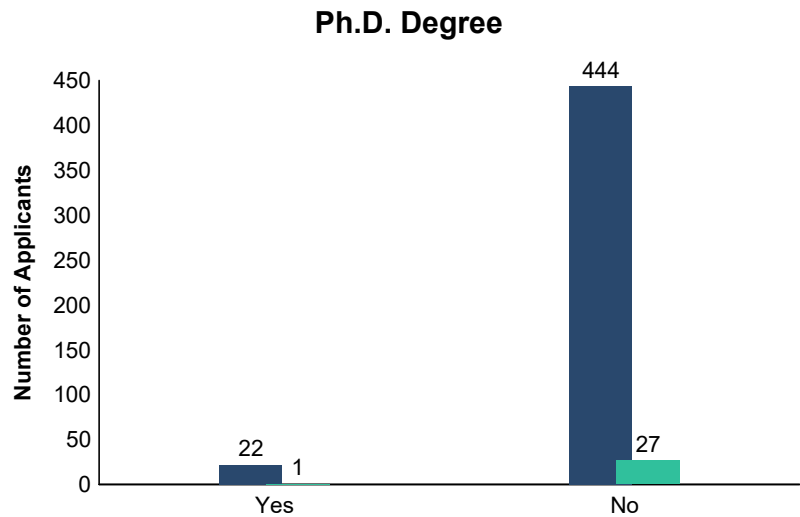
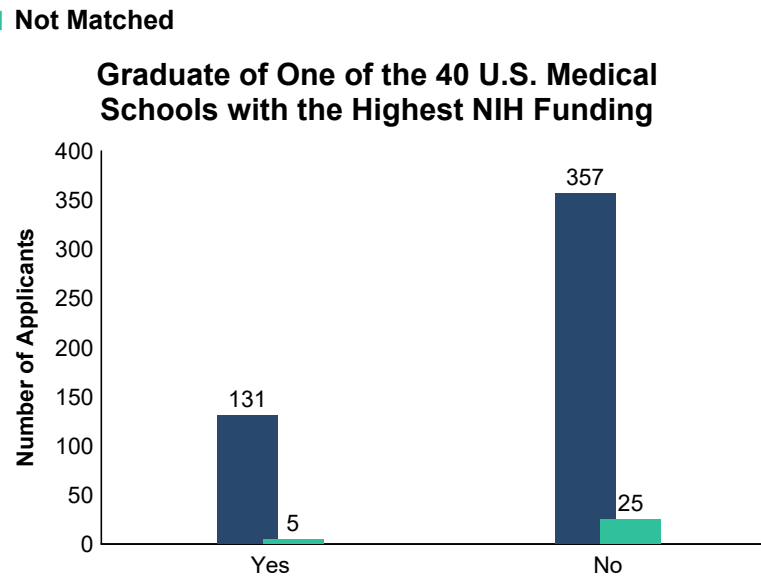
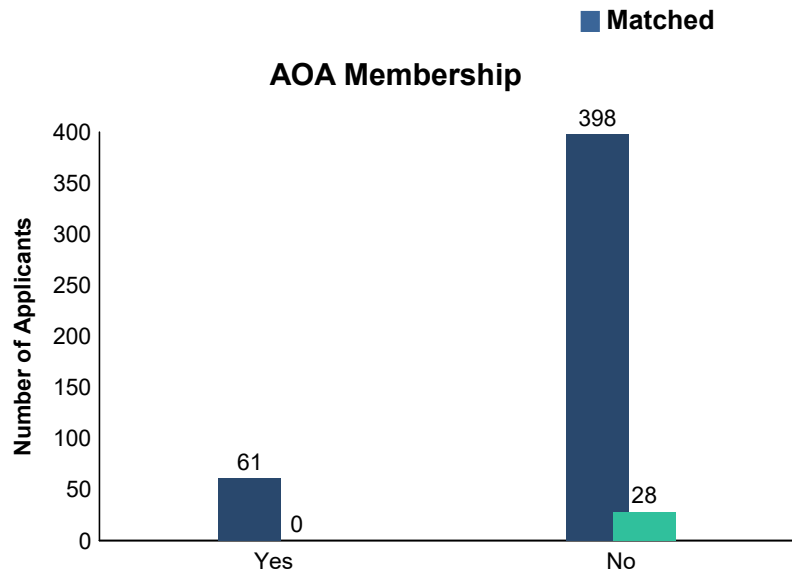
Chart N-8 Number of Volunteer Experiences of U.S. MD Seniors
Neurology



Source: NRMP Data Warehouse

**Chart
N-9**

**Other Characteristics of U.S. MD Seniors
Neurology**



Source: NRMP Data Warehouse. Top 40 U.S. medical schools with the highest NIH funding from NIH: <http://report.nih.gov/award/index.cfm>

OB **Obstetrics and Gynecology**

Table OB-1 **Summary Statistics on U.S. MD Seniors**
Obstetrics and Gynecology

Measure	Matched (n=925)	Unmatched (n=149)
1. Mean number of contiguous ranks	12.3	7.2
2. Mean number of distinct specialties ranked	1.1	1.3
3. Mean USMLE Step 1 score*	227	220
4. Mean USMLE Step 2 score	252	244
5. Mean number of research experiences	3.8	3.3
6. Mean number of abstracts, presentations, and publications	9.0	6.8
7. Mean number of work experiences	2.0	2.1
8. Mean number of volunteer experiences	5.0	5.0
9. Percentage who are AOA members	22.1	9.4
10. Percentage who graduated from one of the 40 U.S. medical schools with the highest NIH funding	28.5	22.8
11. Percentage who have Ph.D. degree	1.4	4.3
12. Percentage who have another graduate degree	22.2	24.6

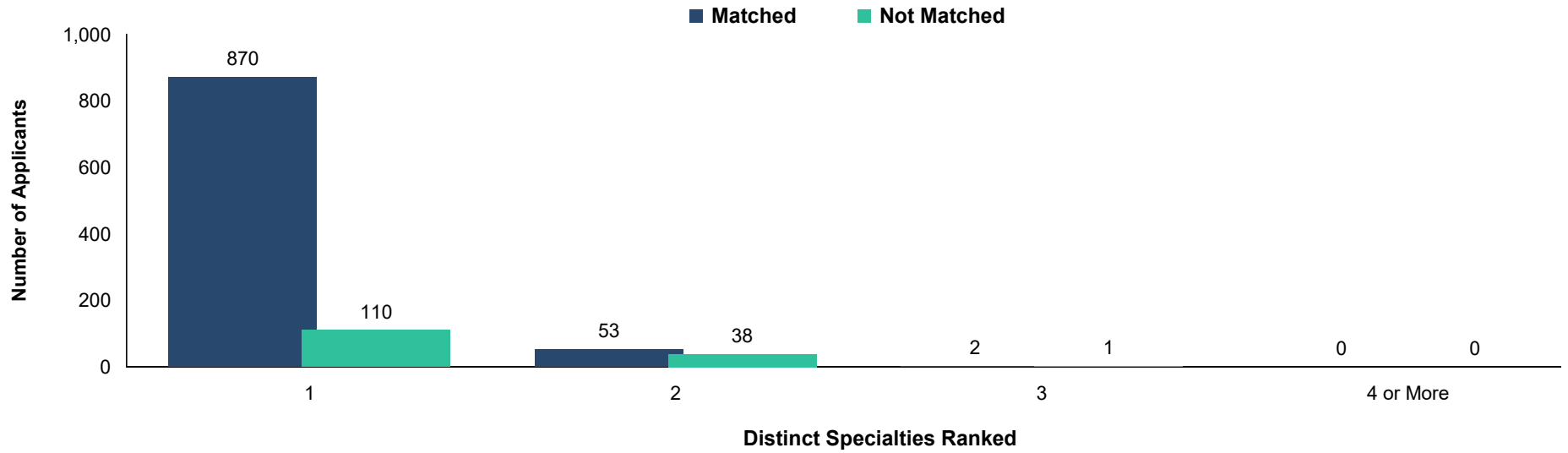
Note: Only U.S. MD seniors who gave consent to use their information in research are included.

*Only applicants who indicated completion of the USMLE Step 1 exam prior to the transition to pass/fail (i.e., prior to January 26, 2022) had the option to self-report their Step 1 numeric score. In 2024, only 2,143 U.S. MD seniors self-reported Step 1 numeric scores.

Sources. NRMP Data Warehouse; Top 40 U.S. medical schools with the highest NIH funding in measure 10 is from the NIH website (<http://report.nih.gov/award/index.cfm>).

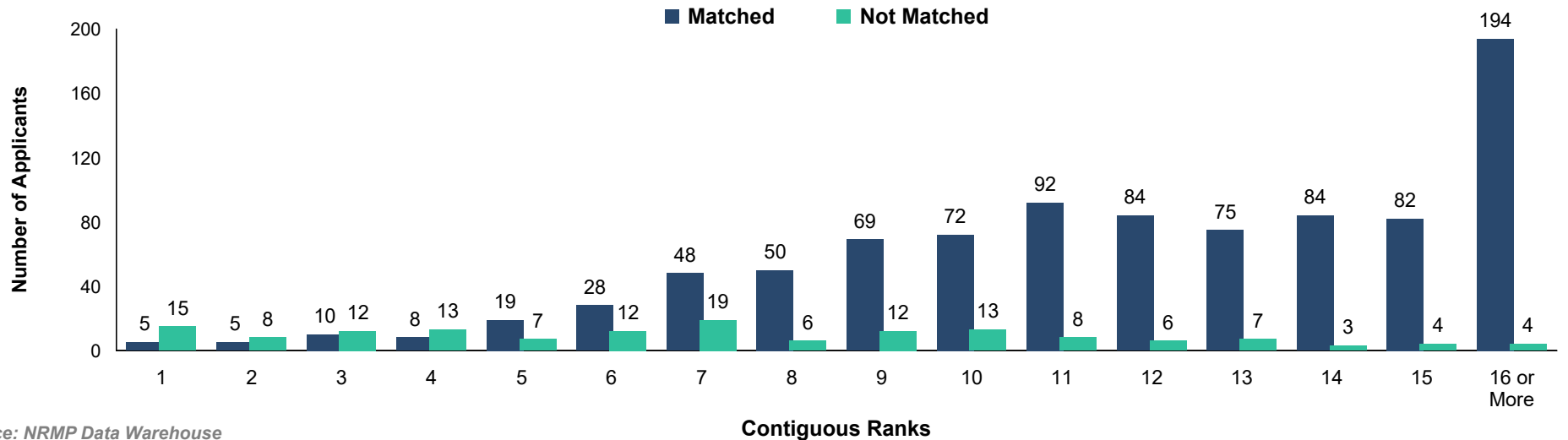
**Chart
OB-1**

**Number of Distinct Specialties Ranked by U.S. MD Seniors
*Obstetrics and Gynecology***



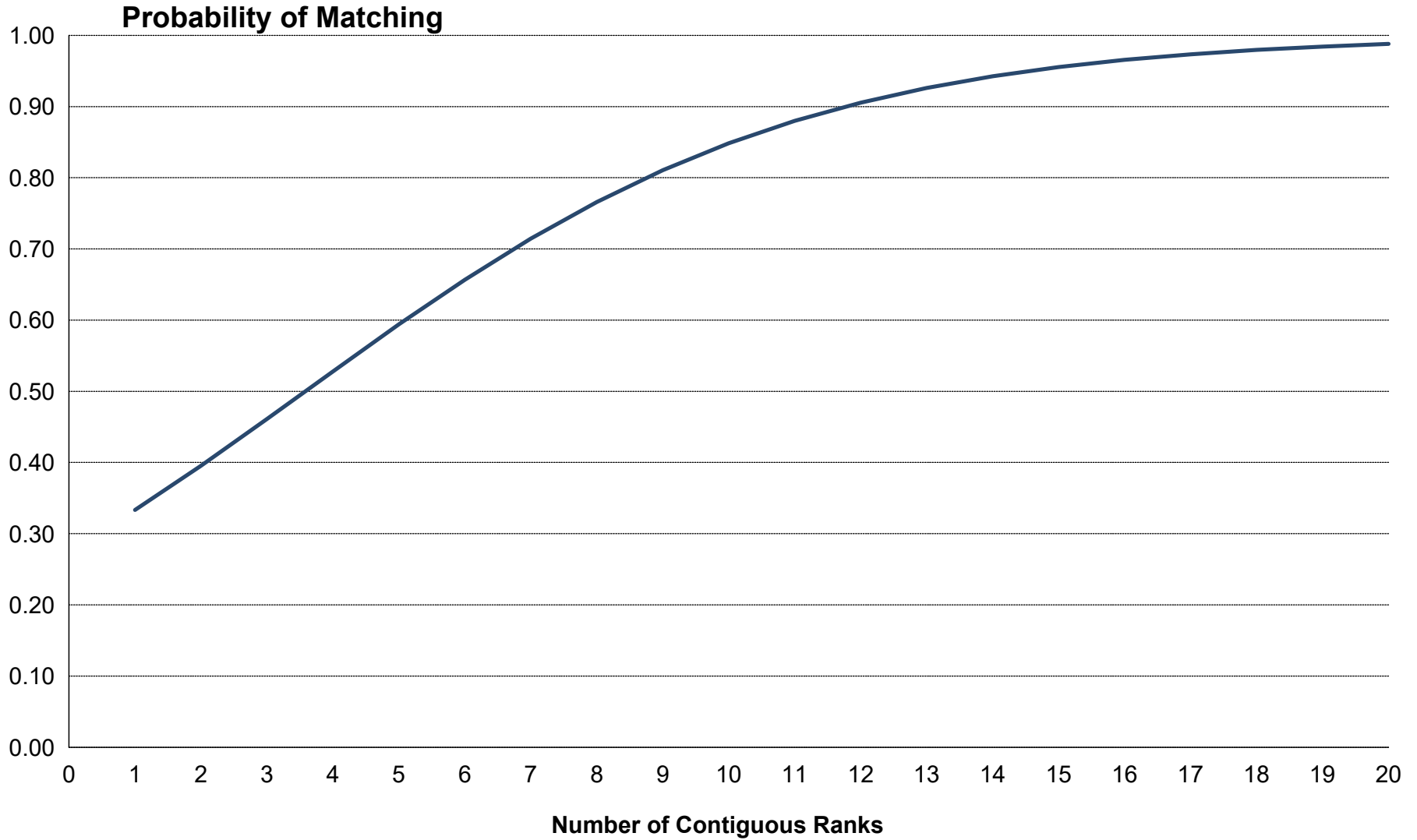
**Chart
OB-2**

**Number of Contiguous Ranks of U.S. MD Seniors
*Obstetrics and Gynecology***



Source: NRMP Data Warehouse

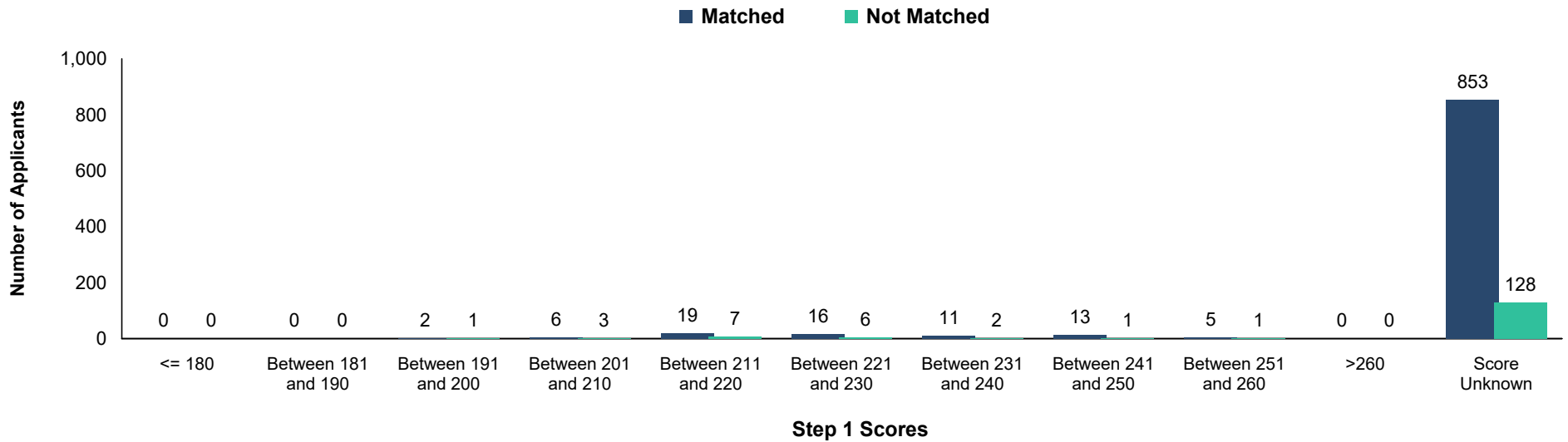
Probability of U.S. MD Seniors Matching to Preferred Specialty by Number of Contiguous Ranks
Obstetrics and Gynecology



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants

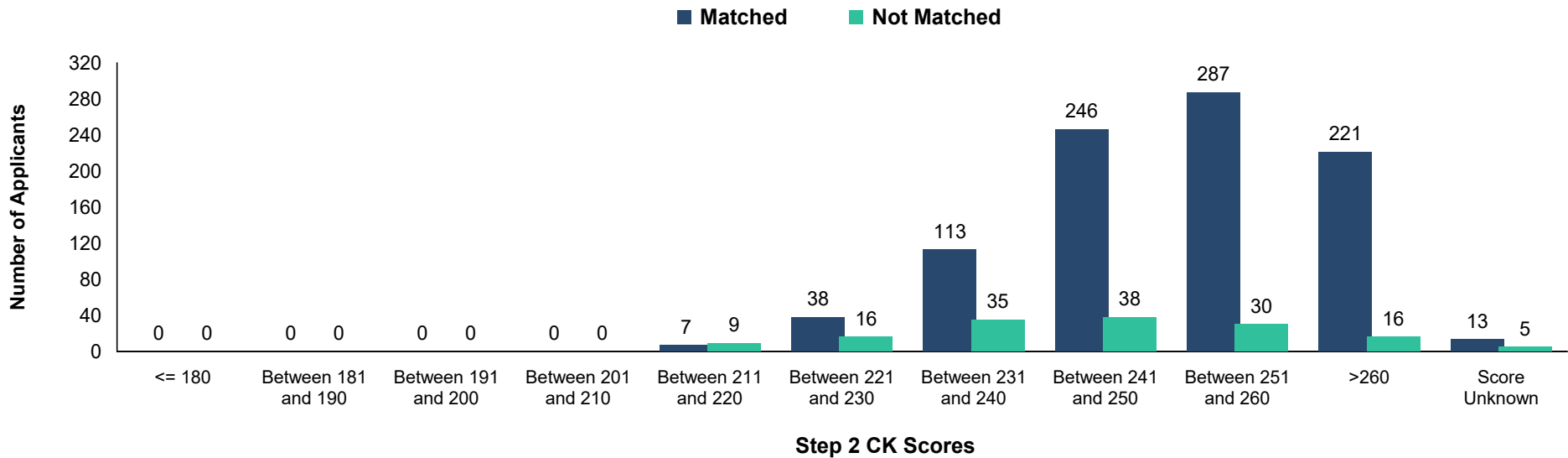
**Chart
OB-3**

**USMLE Step 1 Scores of U.S. MD Seniors
*Obstetrics and Gynecology***

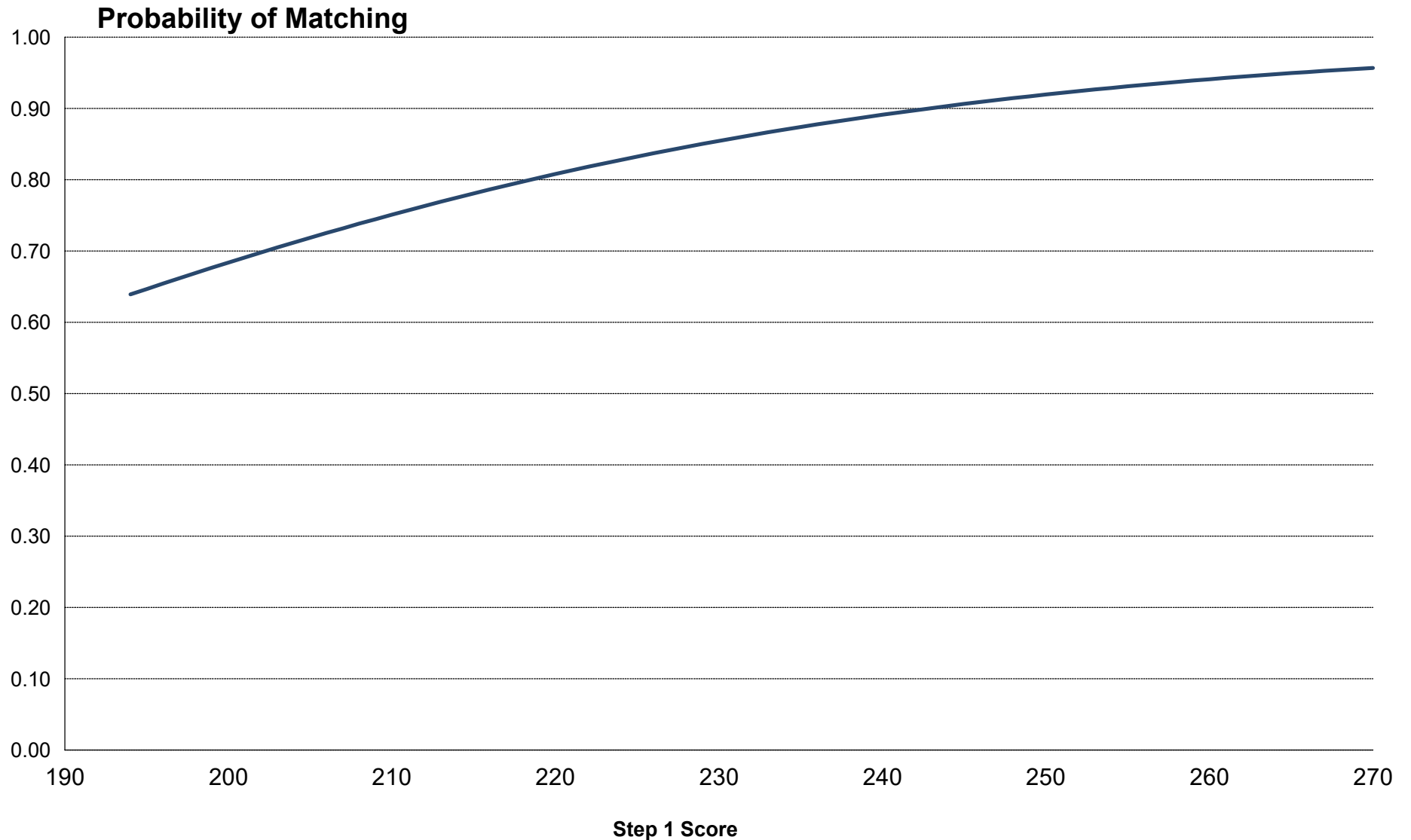


**Chart
OB-4**

**USMLE Step 2 CK Scores of U.S. MD Seniors
*Obstetrics and Gynecology***

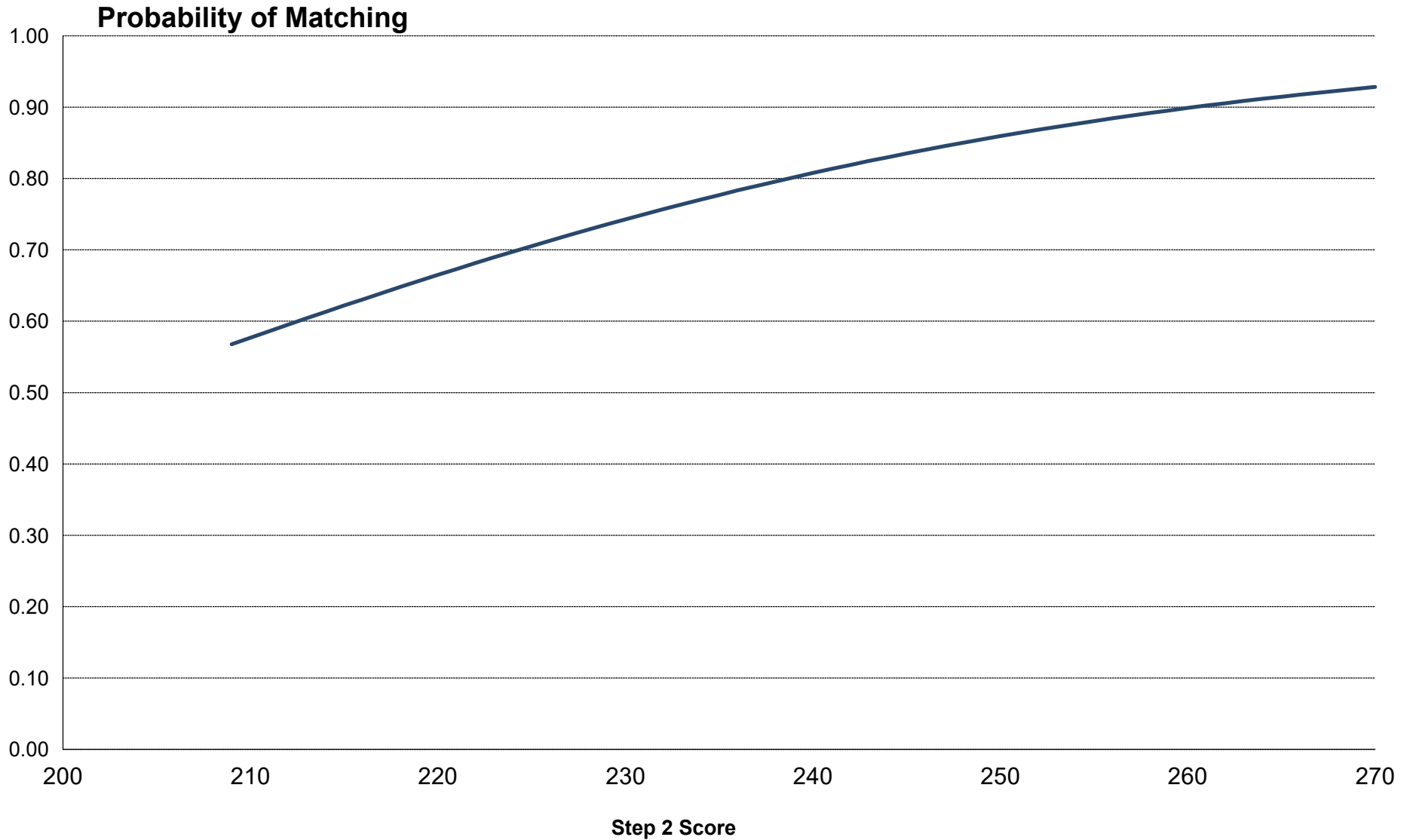


Probability of U.S. MD Seniors Matching to Preferred Specialty by USMLE Step 1 Score *Obstetrics and Gynecology*



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants.

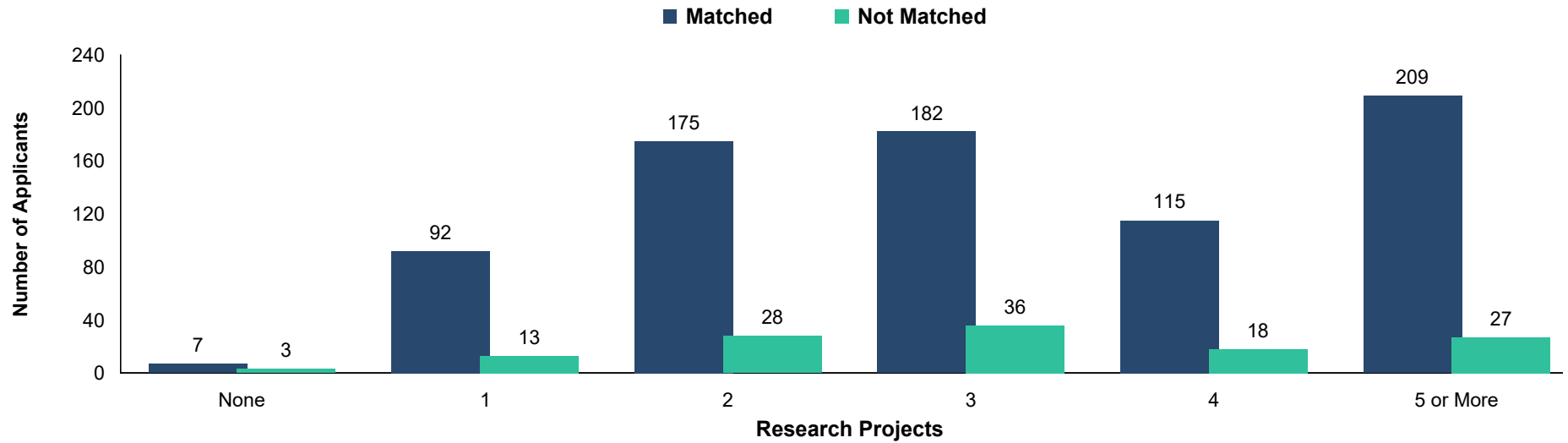
Probability of U.S. MD Seniors Matching to Preferred Specialty by USMLE Step 2 Score *Obstetrics and Gynecology*



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants.

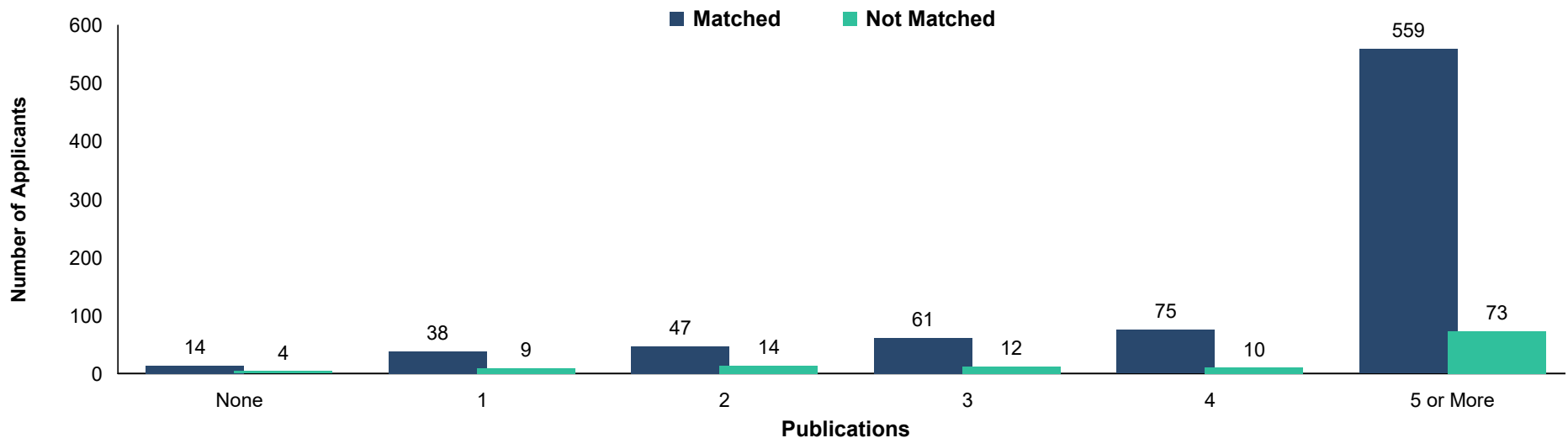
**Chart
OB-5**

**Number of Research Projects of U.S. MD Seniors
*Obstetrics and Gynecology***



**Chart
OB-6**

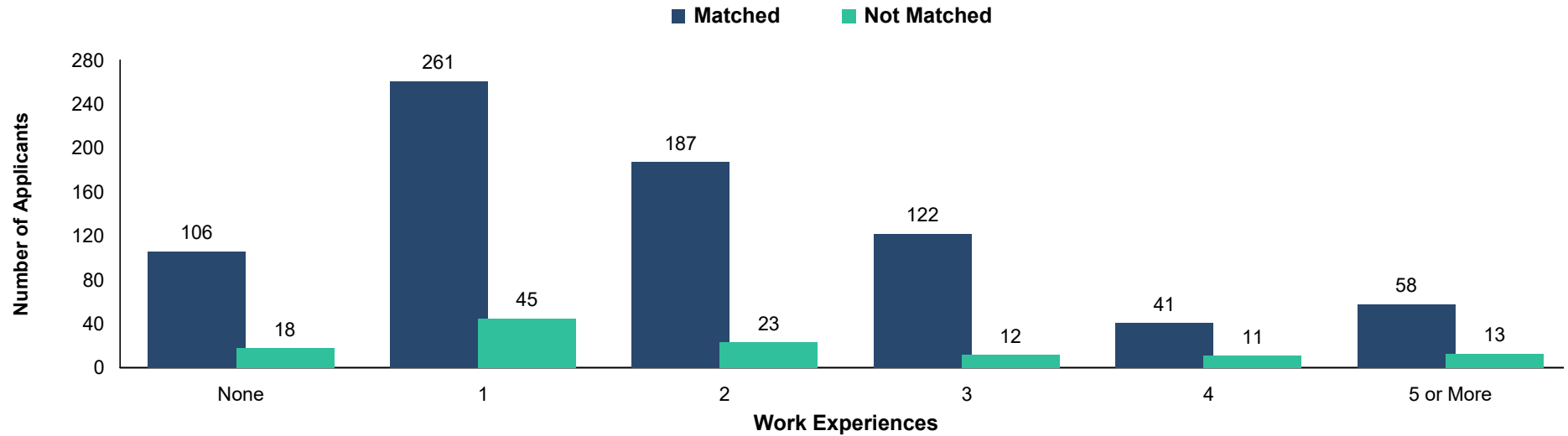
**Number of Abstracts, Presentations, and Publications of U.S. MD Seniors
*Obstetrics and Gynecology***



Source: NRMP Data Warehouse

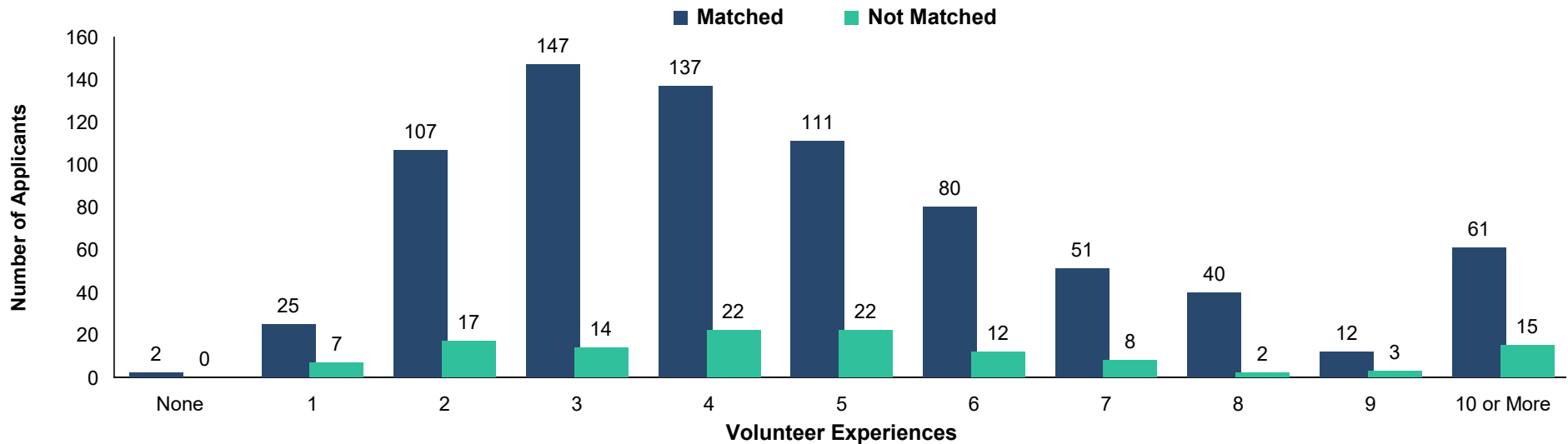
**Chart
OB-7**

**Number of Work Experiences of U.S. MD Seniors
*Obstetrics and Gynecology***



**Chart
OB-8**

**Number of Volunteer Experiences of U.S. MD Seniors
*Obstetrics and Gynecology***

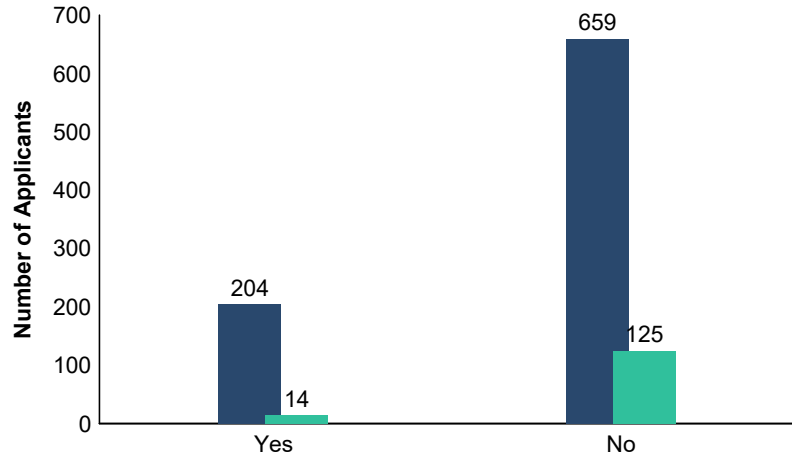


Source: NRMP Data Warehouse

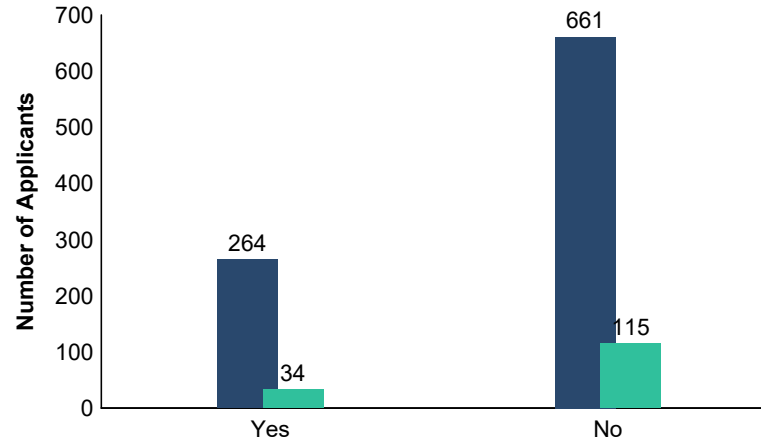
Other Characteristics of U.S. MD Seniors
Obstetrics and Gynecology

■ Matched ■ Not Matched

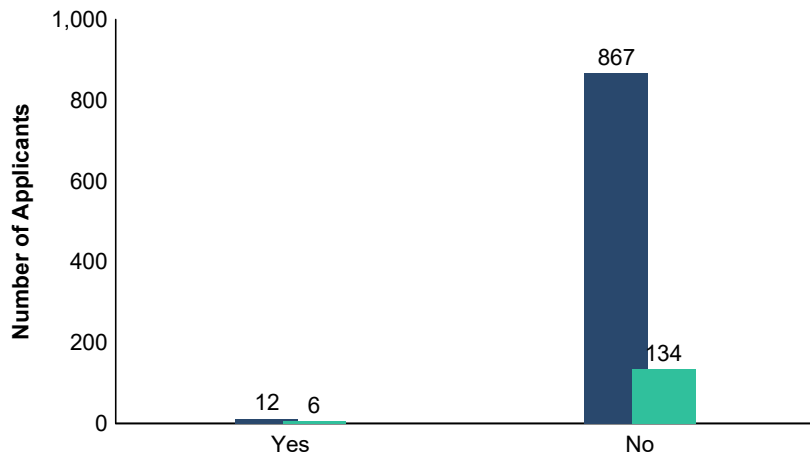
AOA Membership



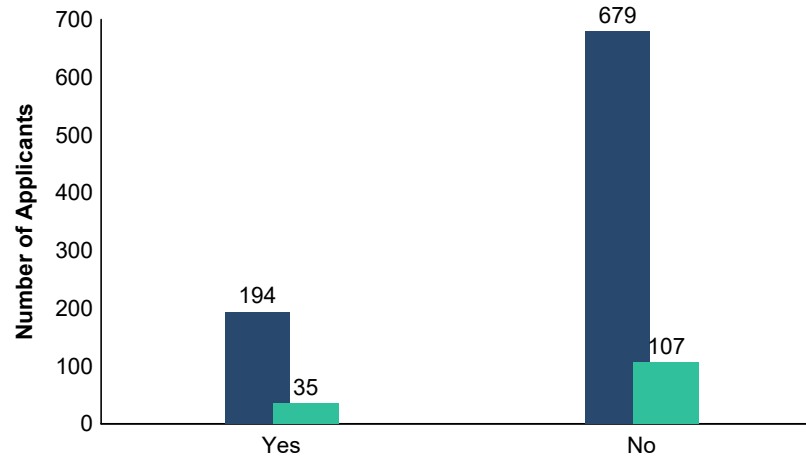
Graduate of One of the 40 U.S. Medical Schools with the Highest NIH Funding



Ph.D. Degree



Other Graduate Degree



Source: NRMP Data Warehouse. Top 40 U.S. medical schools with the highest NIH funding from NIH: <http://report.nih.gov/award/index.cfm>

ORS Orthopaedic Surgery

Table ORS-1 **Summary Statistics on U.S. MD Seniors**
Orthopaedic Surgery

Measure	Matched (n=587)	Unmatched (n=203)
1. Mean number of contiguous ranks	11.8	6.3
2. Mean number of distinct specialties ranked	1.1	1.2
3. Mean USMLE Step 1 score*	244	234
4. Mean USMLE Step 2 score	257	246
5. Mean number of research experiences	8.1	8.0
6. Mean number of abstracts, presentations, and publications	23.8	18.0
7. Mean number of work experiences	2.5	2.4
8. Mean number of volunteer experiences	4.8	4.8
9. Percentage who are AOA members	34.2	15.8
10. Percentage who graduated from one of the 40 U.S. medical schools with the highest NIH funding	33.0	20.7
11. Percentage who have Ph.D. degree	1.3	3.2
12. Percentage who have another graduate degree	18.2	24.7

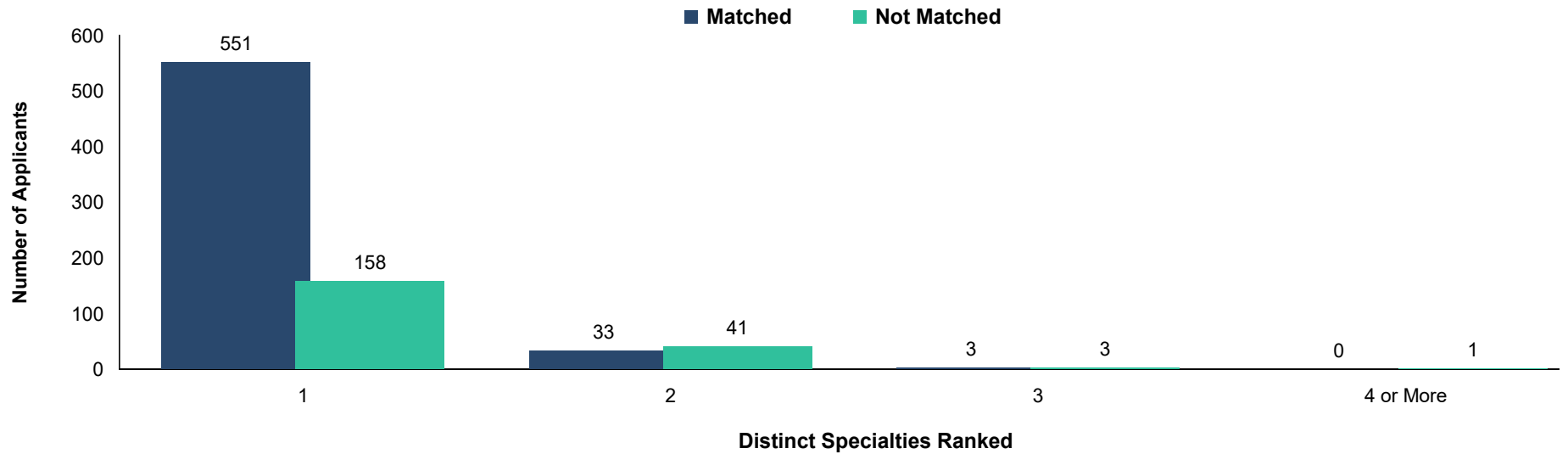
Note: Only U.S. MD seniors who gave consent to use their information in research are included.

*Only applicants who indicated completion of the USMLE Step 1 exam prior to the transition to pass/fail (i.e., prior to January 26, 2022) had the option to self-report their Step 1 numeric score. In 2024, only 2,143 U.S. MD seniors self-reported Step 1 numeric scores.

Sources. NRMP Data Warehouse; Top 40 U.S. medical schools with the highest NIH funding in measure 10 is from the NIH website (<http://report.nih.gov/award/index.cfm>).

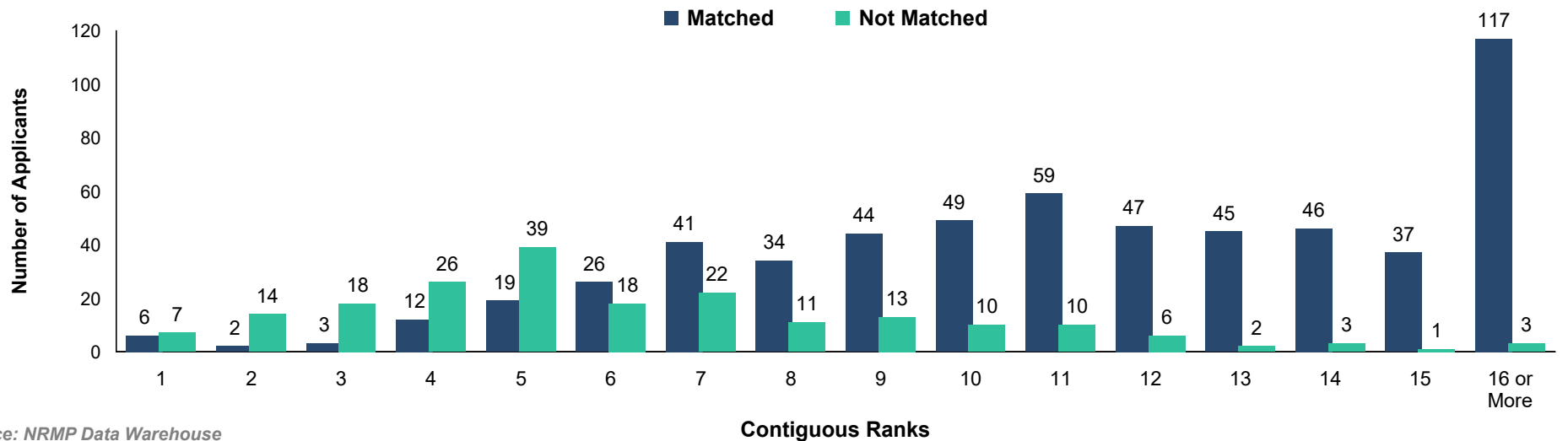
**Chart
ORS-1**

**Number of Distinct Specialties Ranked by U.S. MD Seniors
*Orthopaedic Surgery***



**Chart
ORS-2**

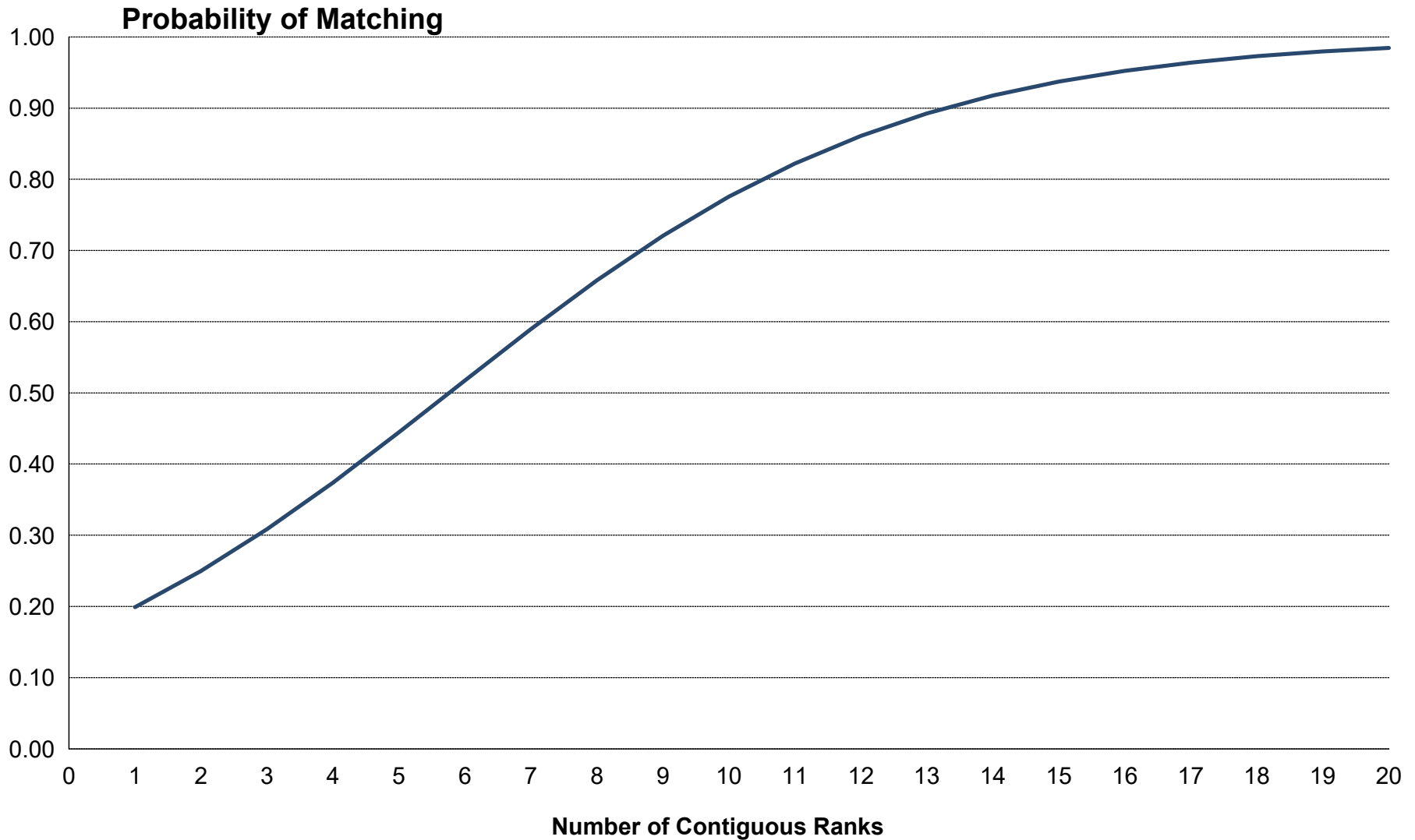
**Number of Contiguous Ranks of U.S. MD Seniors
*Orthopaedic Surgery***



Source: NRMP Data Warehouse

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

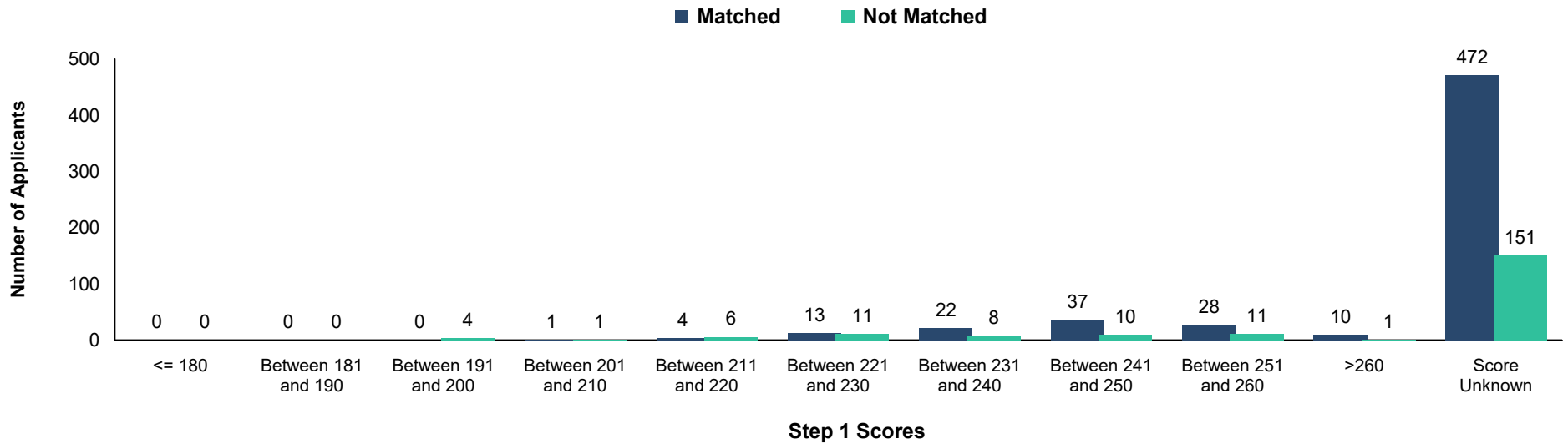
Orthopaedic Surgery



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants

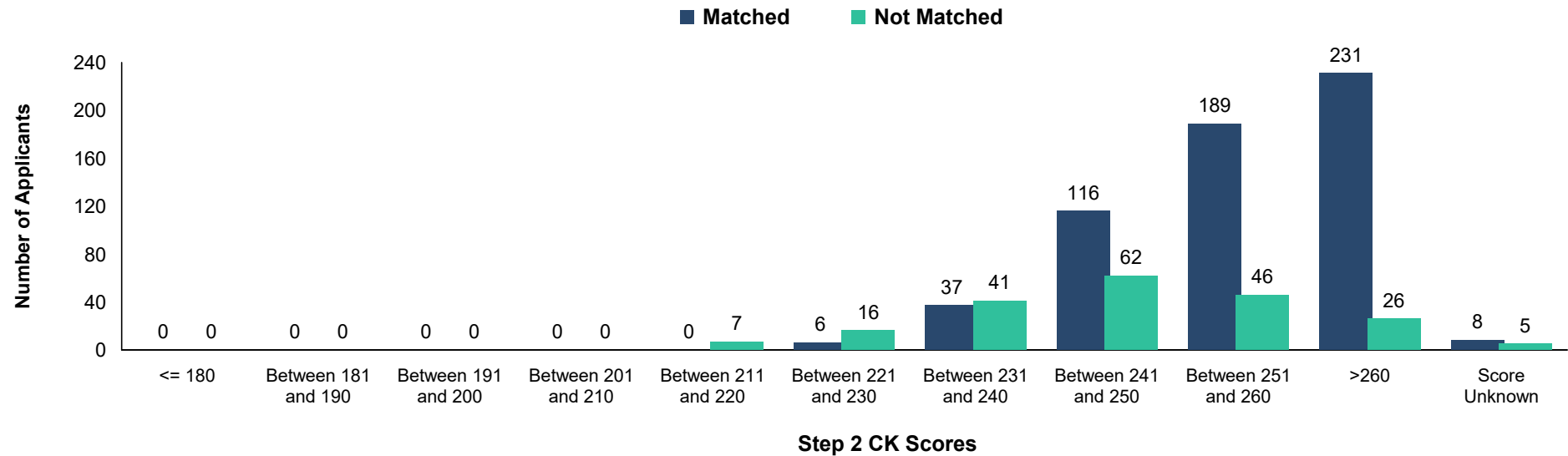
**Chart
ORS-3**

**USMLE Step 1 Scores of U.S. MD Seniors
*Orthopaedic Surgery***



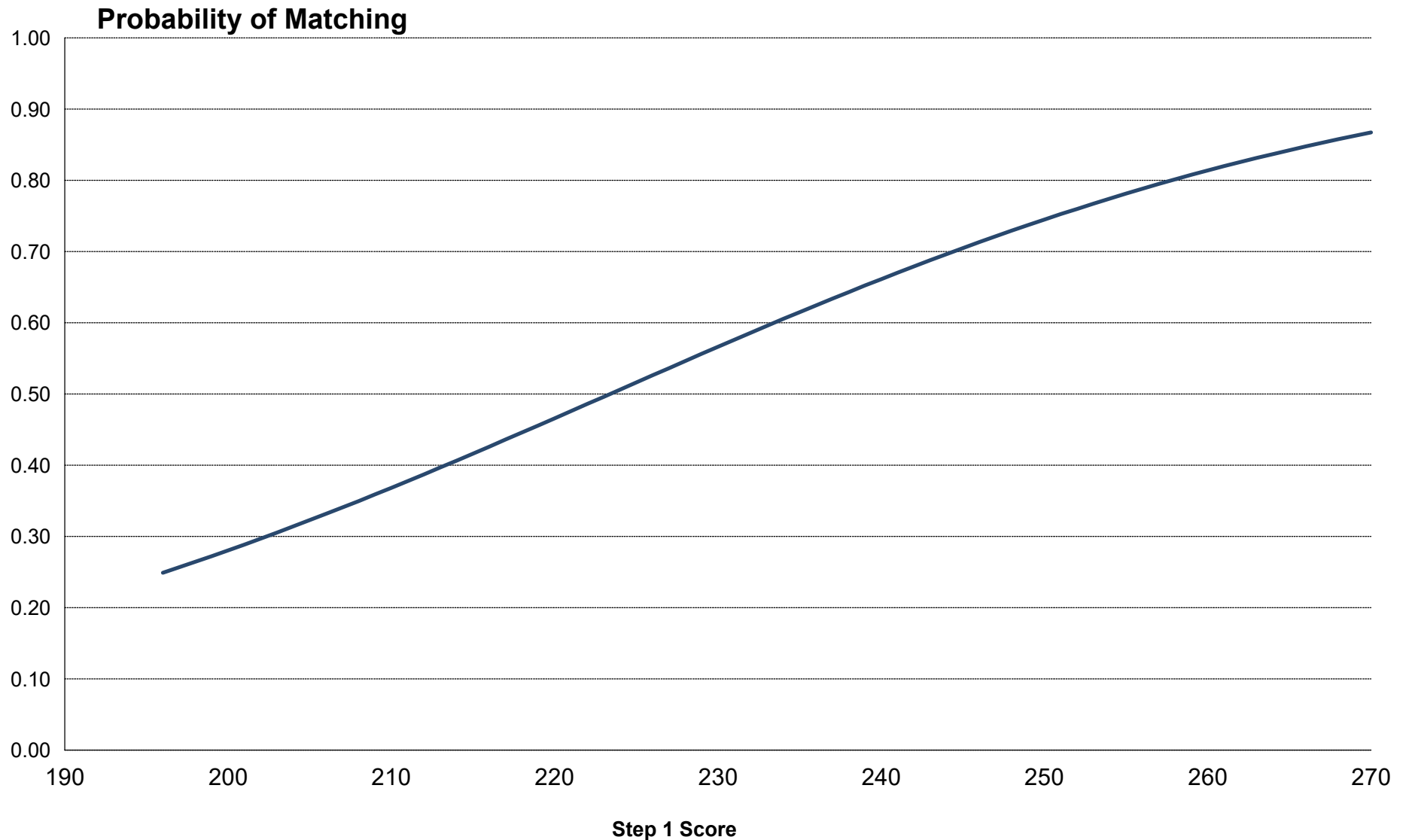
**Chart
ORS-4**

**USMLE Step 2 CK Scores of U.S. MD Seniors
*Orthopaedic Surgery***



Probability of U.S. MD Seniors Matching to Preferred Specialty by USMLE Step 1 Score

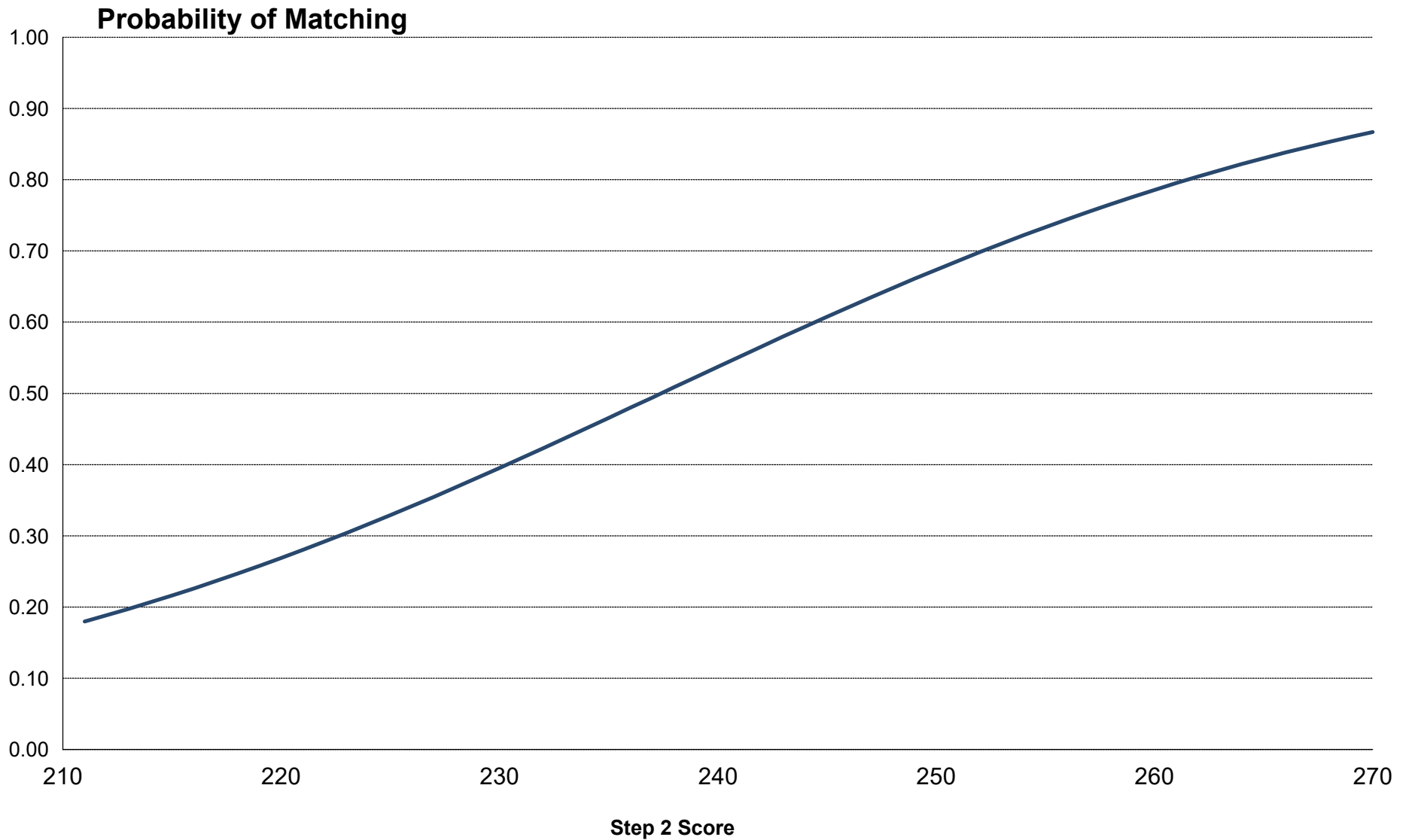
Orthopaedic Surgery



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants.

Probability of U.S. MD Seniors Matching to Preferred Specialty by USMLE Step 2 Score

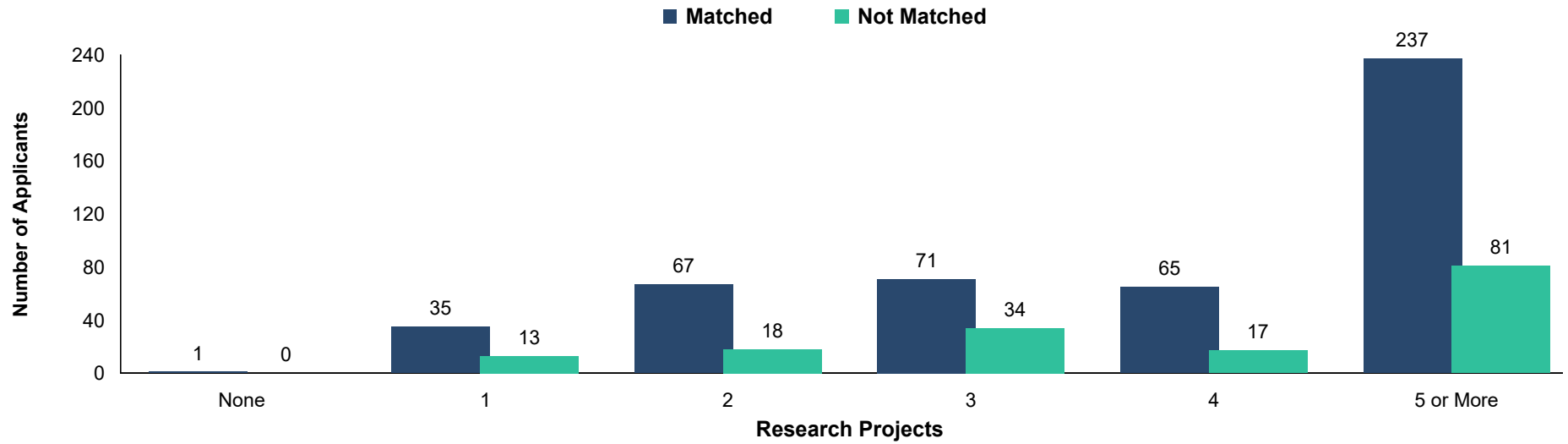
Orthopaedic Surgery



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants.

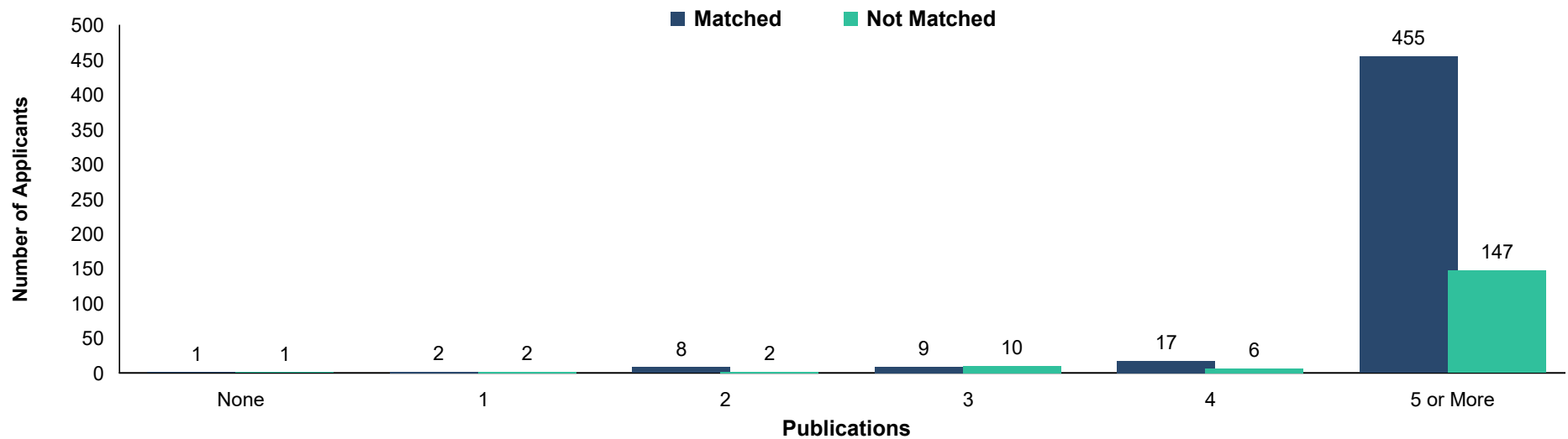
**Chart
ORS-5**

**Number of Research Projects of U.S. MD Seniors
*Orthopaedic Surgery***



**Chart
ORS-6**

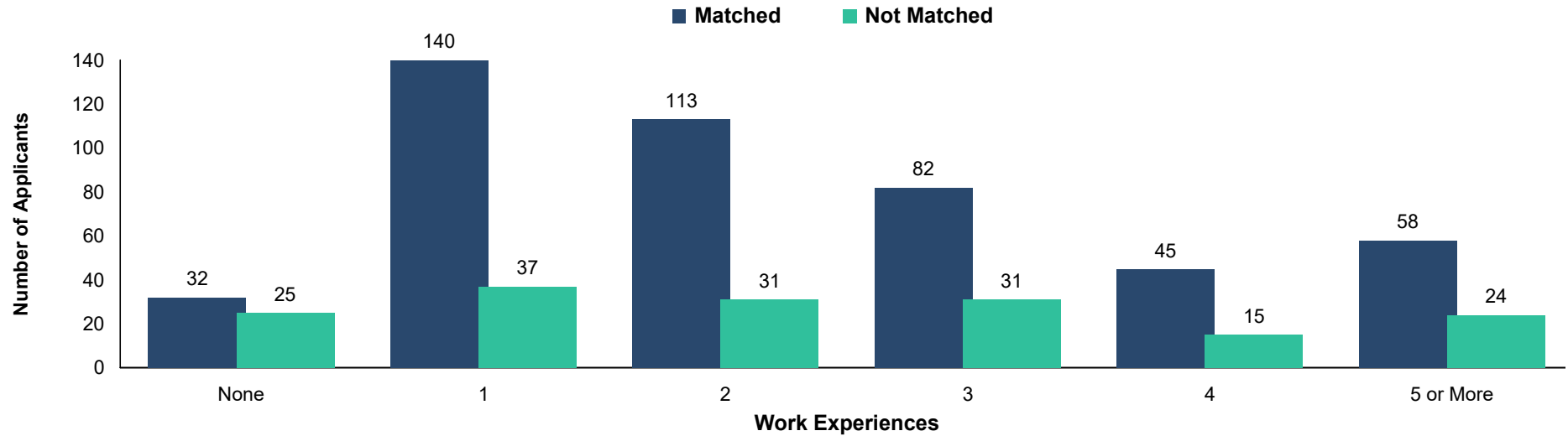
**Number of Abstracts, Presentations, and Publications of U.S. MD Seniors
*Orthopaedic Surgery***



Source: NRMP Data Warehouse

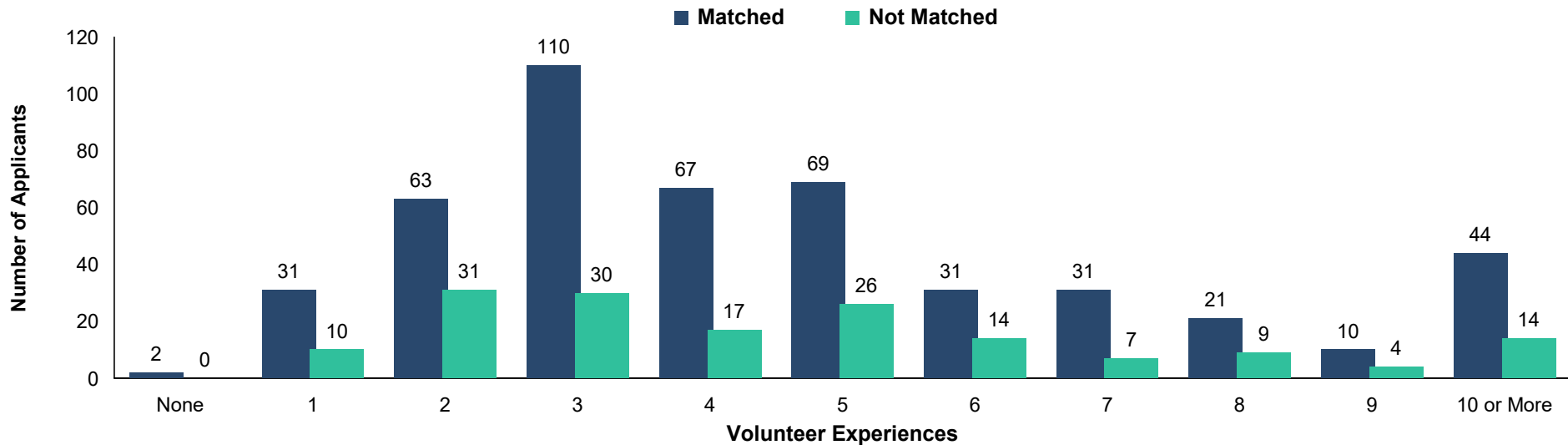
**Chart
ORS-7**

**Number of Work Experiences of U.S. MD Seniors
*Orthopaedic Surgery***



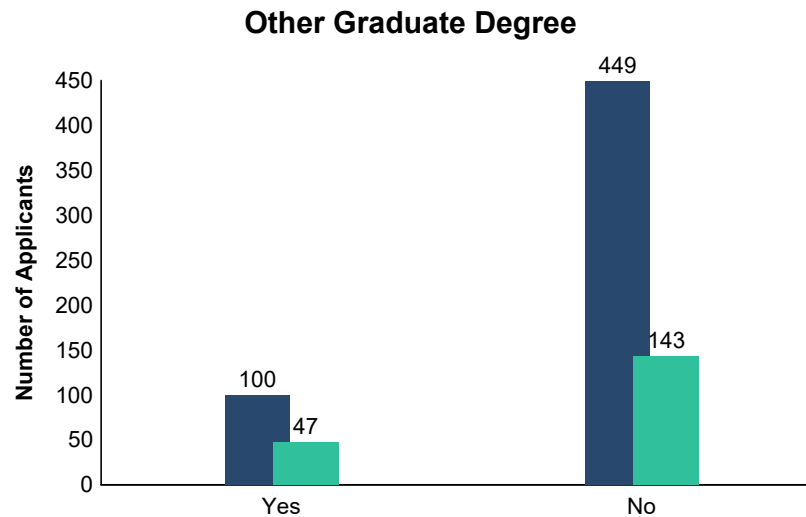
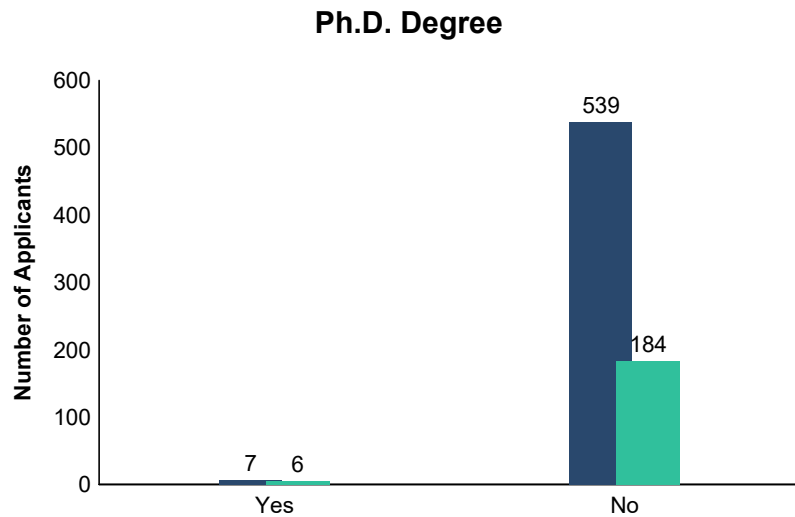
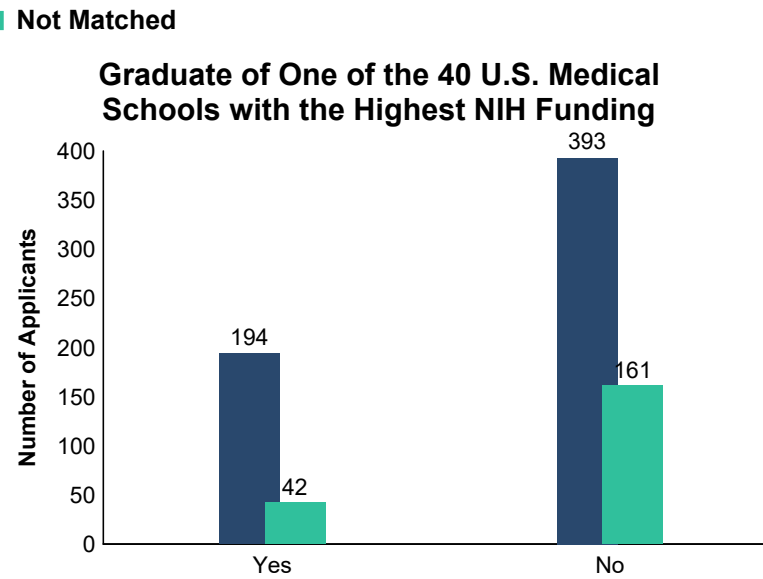
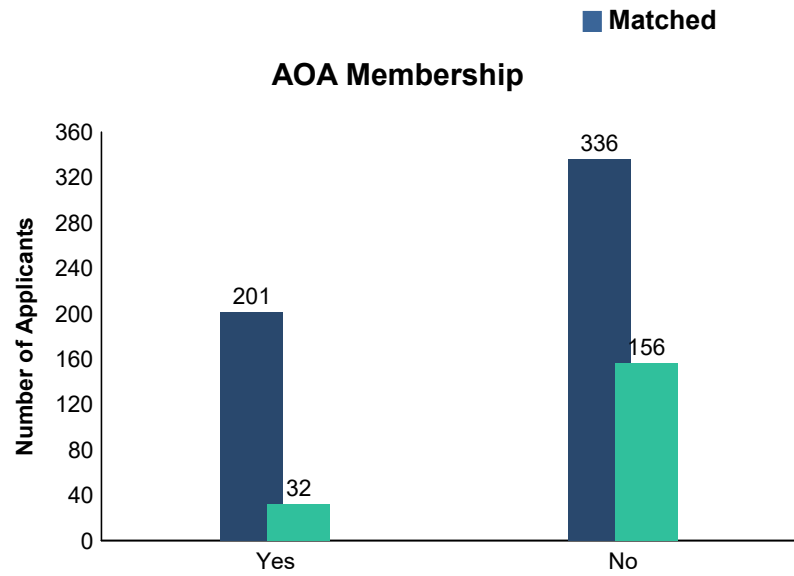
**Chart
ORS-8**

**Number of Volunteer Experiences of U.S. MD Seniors
*Orthopaedic Surgery***



Source: NRMP Data Warehouse

Other Characteristics of U.S. MD Seniors
Orthopaedic Surgery



Source: NRMP Data Warehouse. Top 40 U.S. medical schools with the highest NIH funding from NIH: <http://report.nih.gov/award/index.cfm>

OTO Otolaryngology

Table OTO-1 Summary Statistics on U.S. MD Seniors
Otolaryngology

Measure	Matched (n=268)	Unmatched (n=54)
1. Mean number of contiguous ranks	13.6	7.2
2. Mean number of distinct specialties ranked	1.2	1.3
3. Mean USMLE Step 1 score*	243	242
4. Mean USMLE Step 2 score	256	251
5. Mean number of research experiences	7.1	5.5
6. Mean number of abstracts, presentations, and publications	20.0	15.6
7. Mean number of work experiences	2.0	2.4
8. Mean number of volunteer experiences	4.3	6.7
9. Percentage who are AOA members	33.6	16.7
10. Percentage who graduated from one of the 40 U.S. medical schools with the highest NIH funding	36.6	27.8
11. Percentage who have Ph.D. degree	2.8	4.1
12. Percentage who have another graduate degree	17.9	24.5

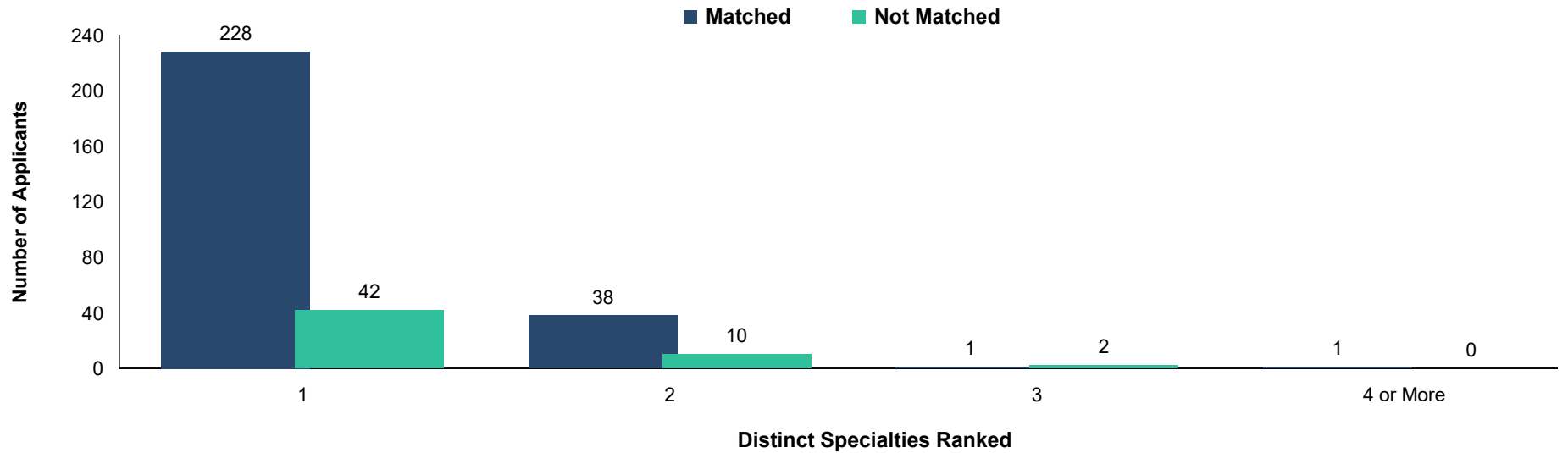
Note: Only U.S. MD seniors who gave consent to use their information in research are included.

*Only applicants who indicated completion of the USMLE Step 1 exam prior to the transition to pass/fail (i.e., prior to January 26, 2022) had the option to self-report their Step 1 numeric score. In 2024, only 2,143 U.S. MD seniors self-reported Step 1 numeric scores.

Sources. NRMP Data Warehouse; Top 40 U.S. medical schools with the highest NIH funding in measure 10 is from the NIH website (<http://report.nih.gov/award/index.cfm>).

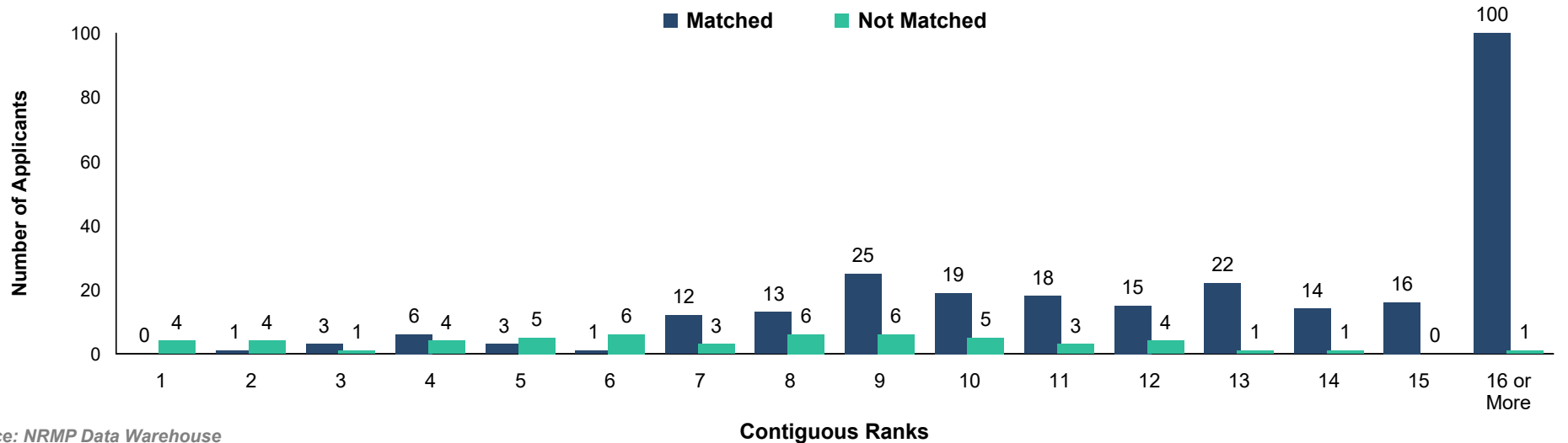
**Chart
OTO-1**

**Number of Distinct Specialties Ranked by U.S. MD Seniors
Otolaryngology**



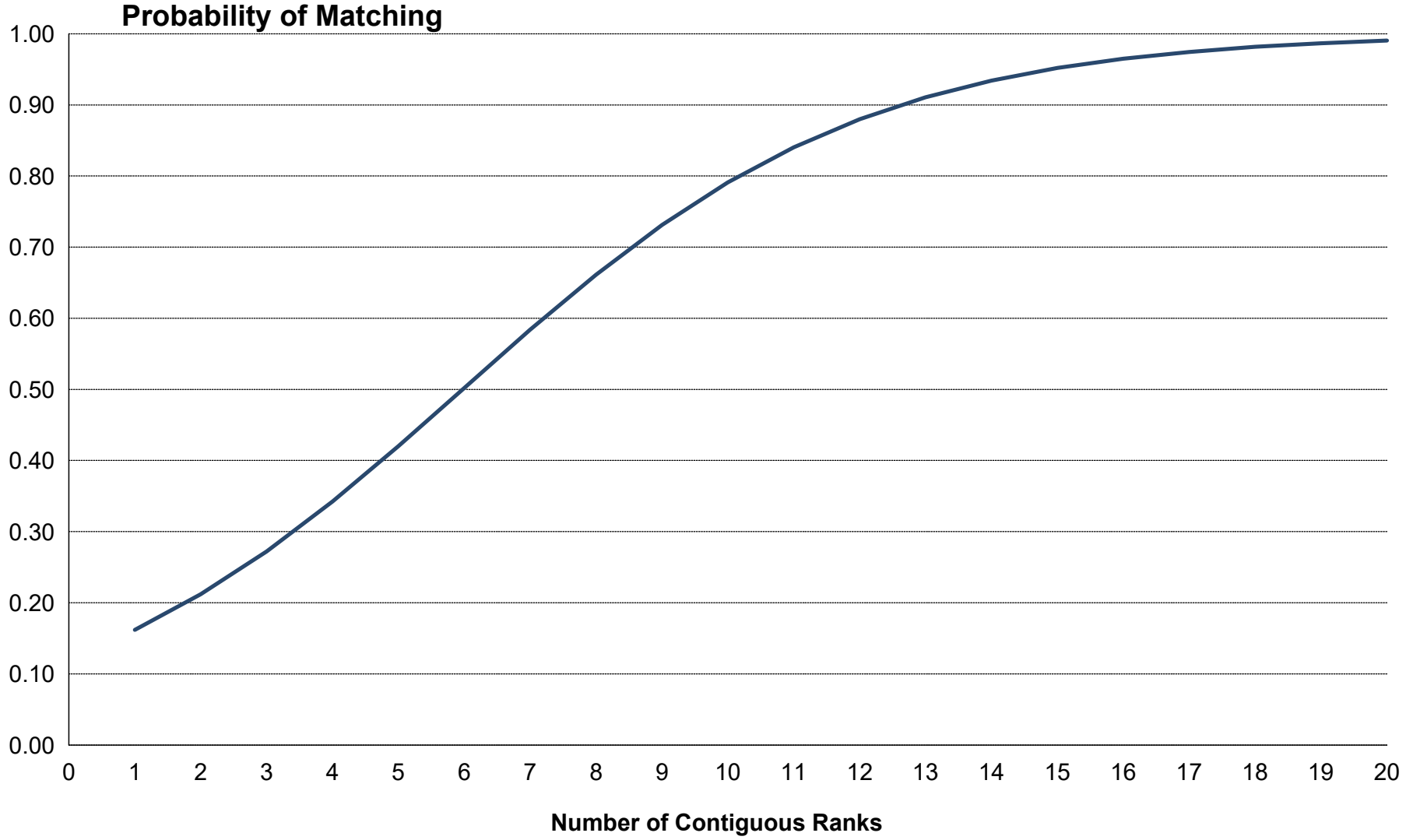
**Chart
OTO-2**

**Number of Contiguous Ranks of U.S. MD Seniors
Otolaryngology**



Source: NRMP Data Warehouse

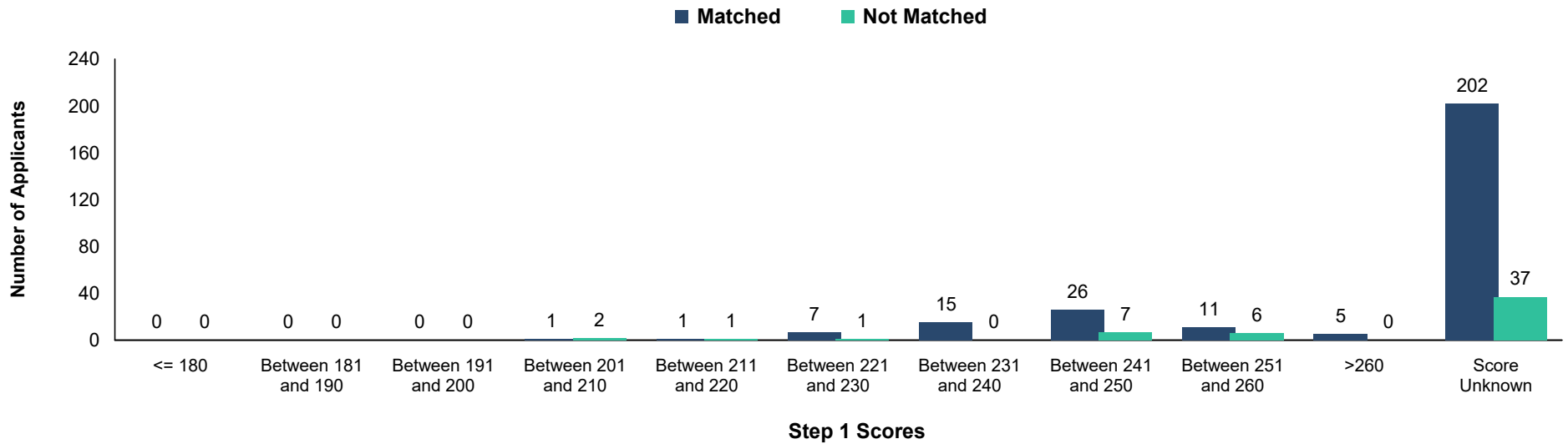
Probability of U.S. MD Seniors Matching to Preferred Specialty by Number of Contiguous Ranks
Otolaryngology



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants

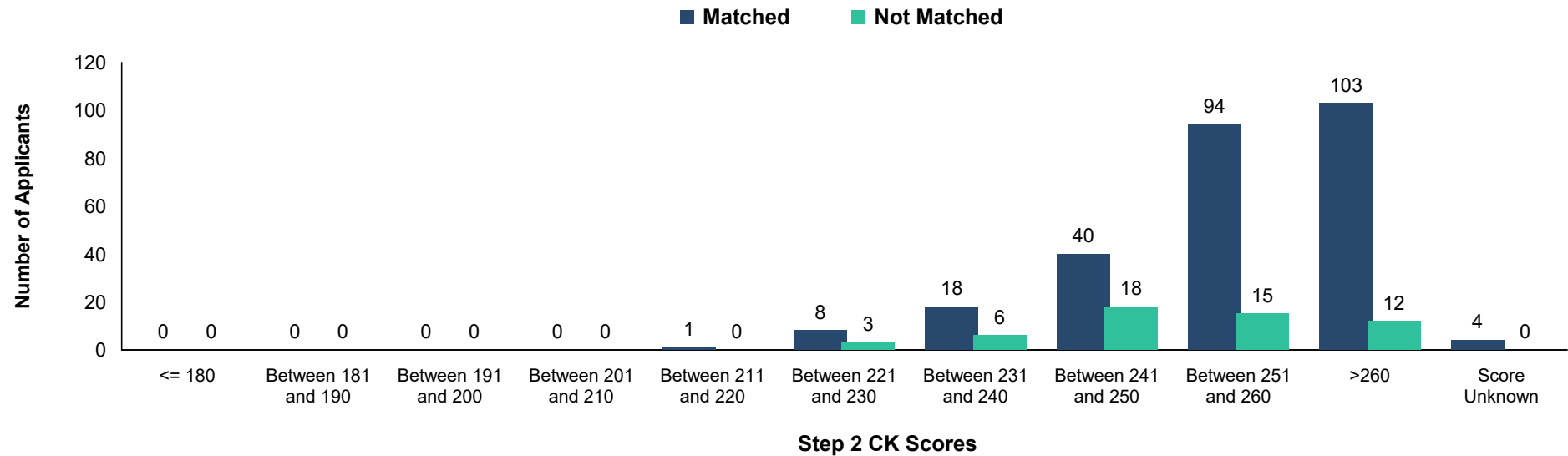
**Chart
OTO-3**

**USMLE Step 1 Scores of U.S. MD Seniors
*Otolaryngology***



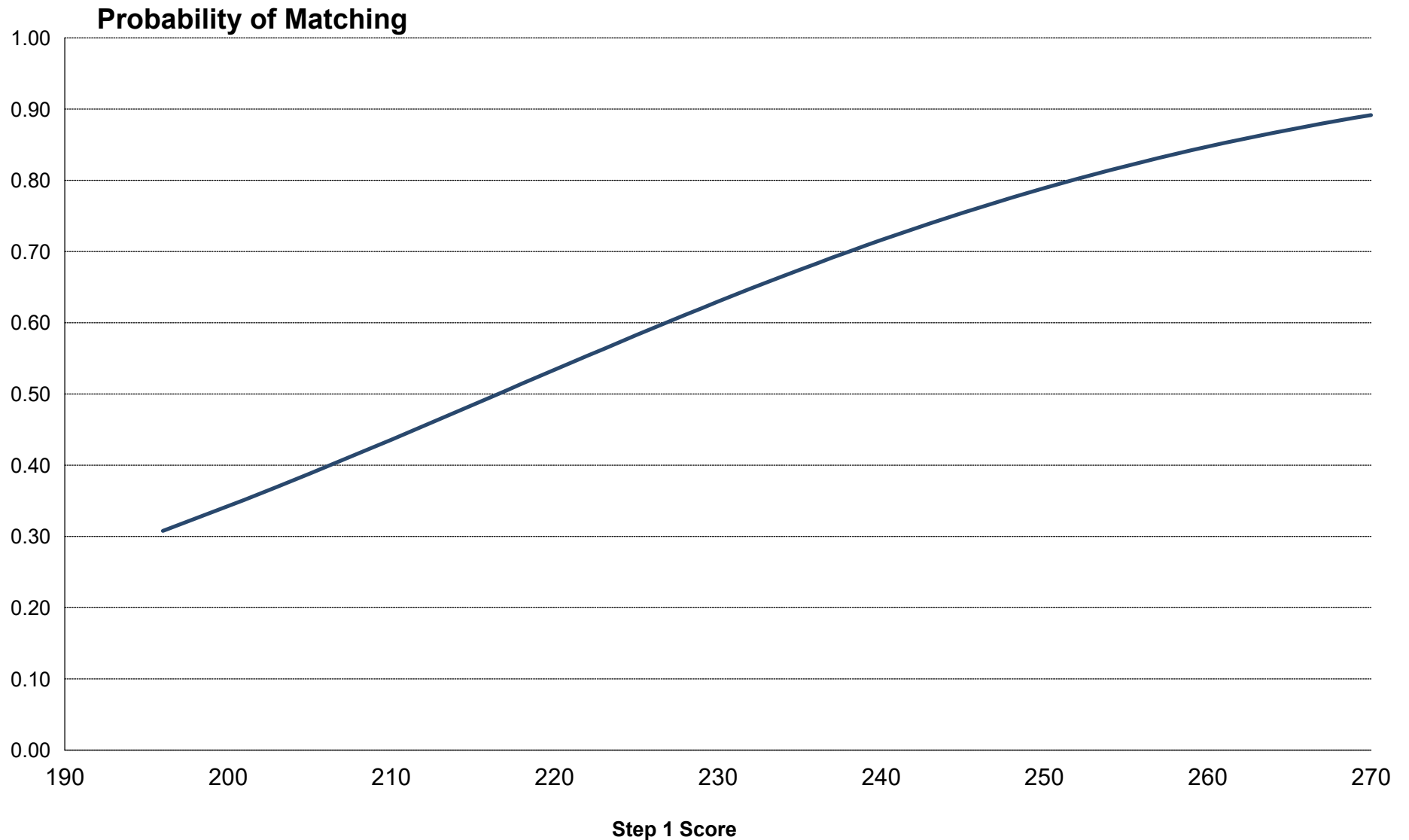
**Chart
OTO-4**

**USMLE Step 2 CK Scores of U.S. MD Seniors
*Otolaryngology***



Probability of U.S. MD Seniors Matching to Preferred Specialty by USMLE Step 1 Score

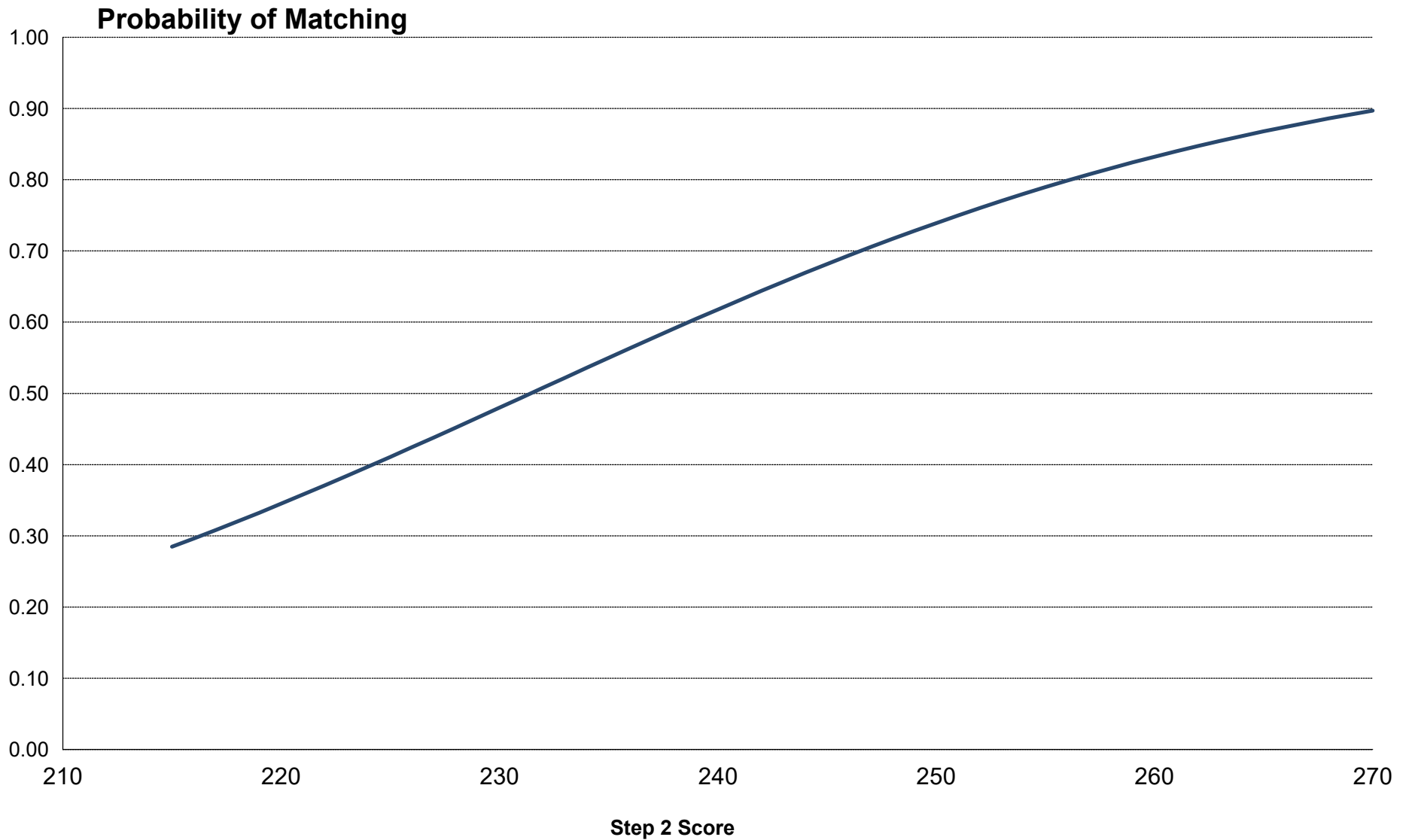
Otolaryngology



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants.

Probability of U.S. MD Seniors Matching to Preferred Specialty by USMLE Step 2 Score

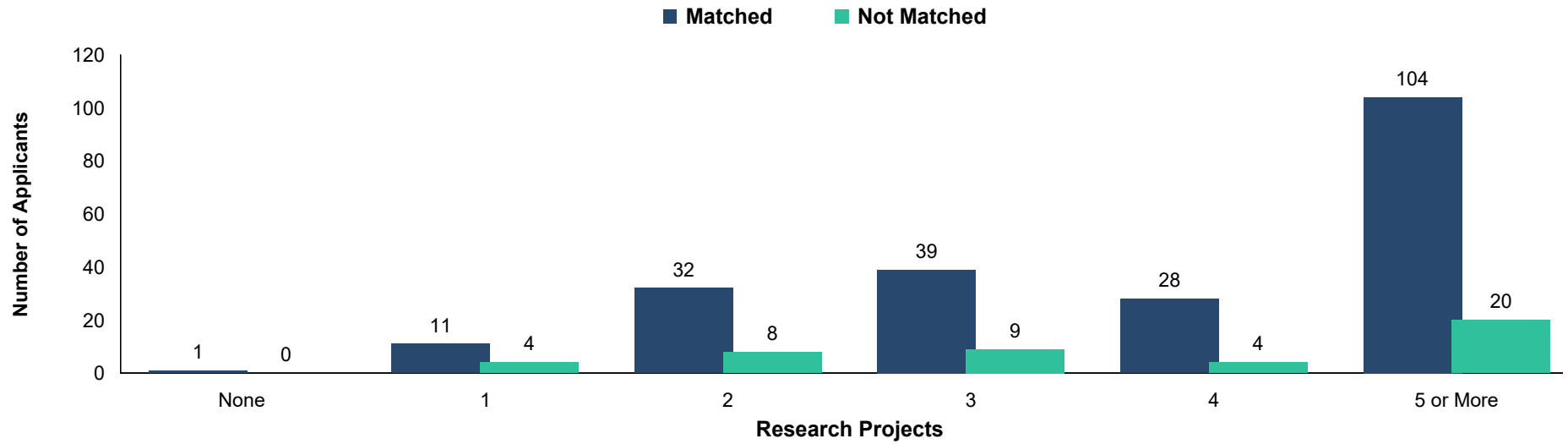
Otolaryngology



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants.

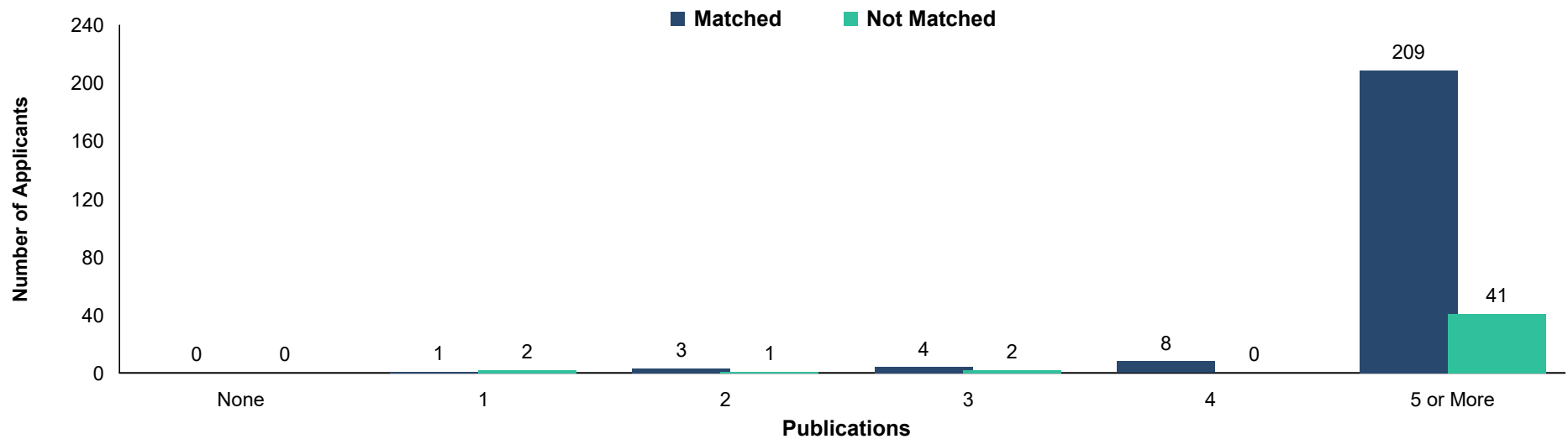
**Chart
OTO-5**

**Number of Research Projects of U.S. MD Seniors
Otolaryngology**



**Chart
OTO-6**

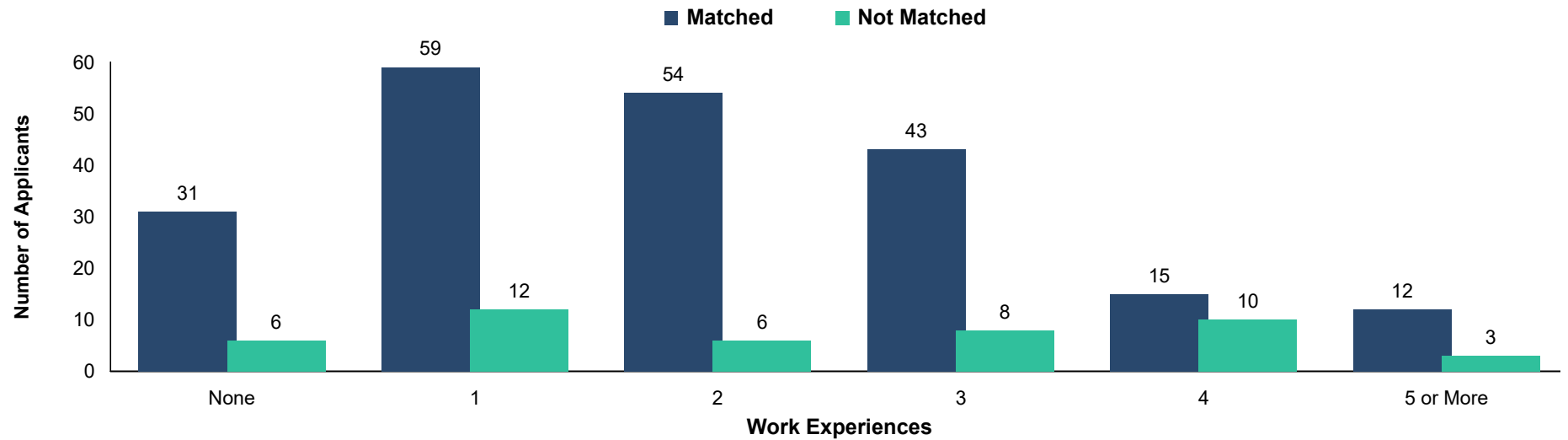
**Number of Abstracts, Presentations, and Publications of U.S. MD Seniors
Otolaryngology**



Source: NRMP Data Warehouse

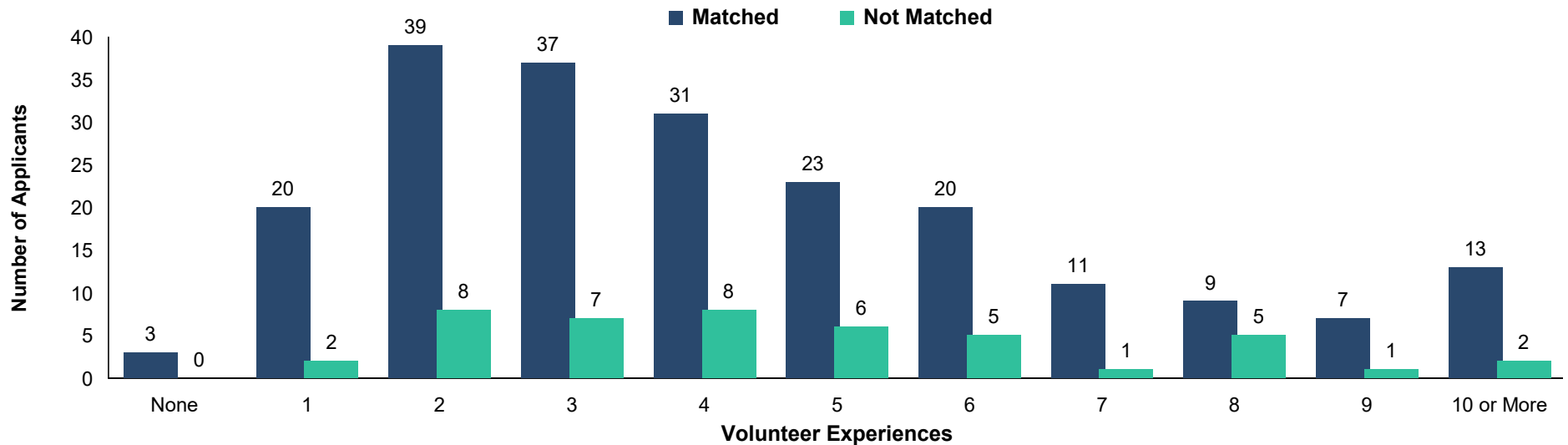
**Chart
OTO-7**

**Number of Work Experiences of U.S. MD Seniors
Otolaryngology**



**Chart
OTO-8**

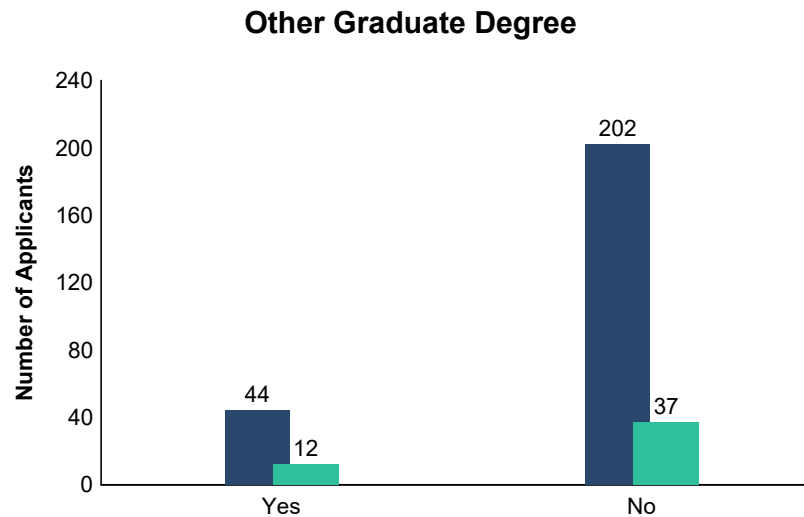
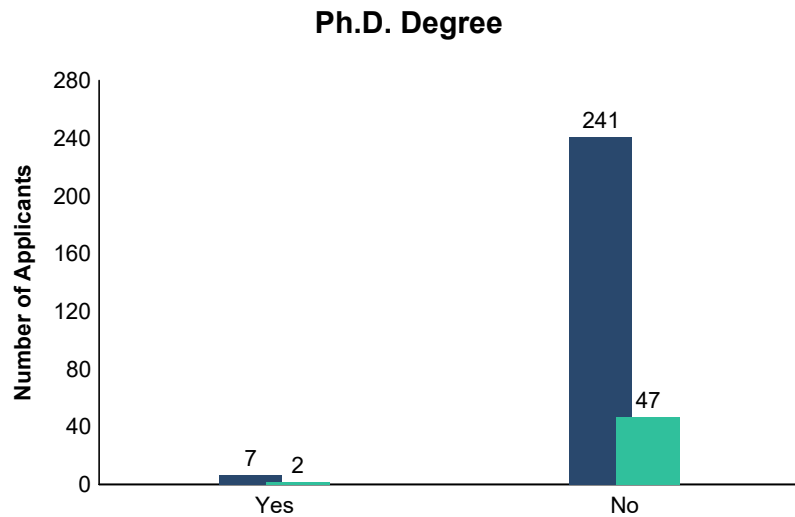
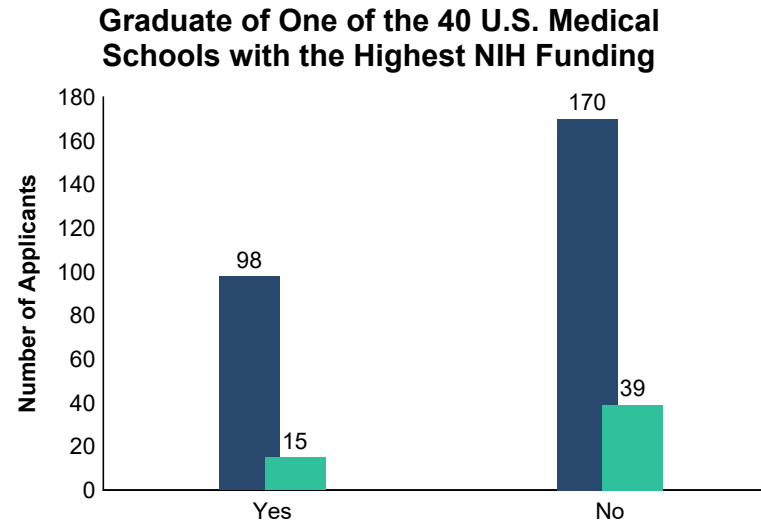
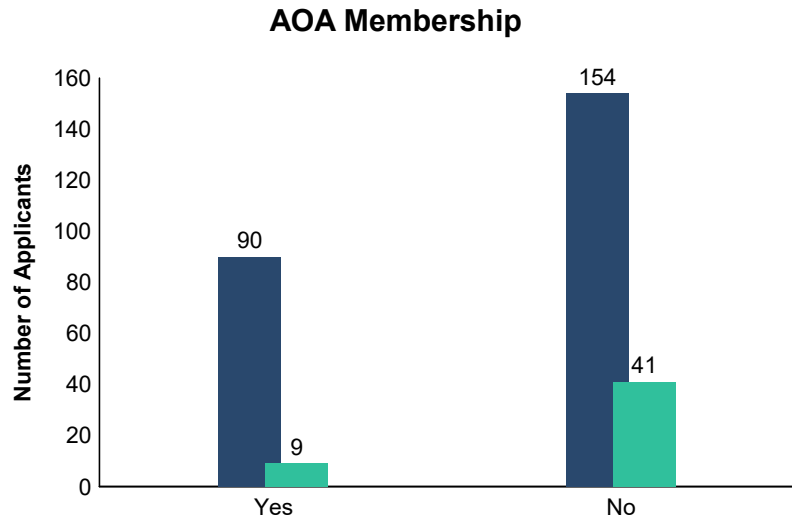
**Number of Volunteer Experiences of U.S. MD Seniors
Otolaryngology**



Source: NRMP Data Warehouse

**Other Characteristics of U.S. MD Seniors
Otolaryngology**

■ Matched ■ Not Matched



Source: NRMP Data Warehouse. Top 40 U.S. medical schools with the highest NIH funding from NIH: <http://report.nih.gov/award/index.cfm>

PTH Pathology

Measure	Matched (n=213)	Unmatched (n=11)
1. Mean number of contiguous ranks	12.4	6.5
2. Mean number of distinct specialties ranked	1.0	1.0
3. Mean USMLE Step 1 score*	235	232
4. Mean USMLE Step 2 score	247	232
5. Mean number of research experiences	3.1	2.3
6. Mean number of abstracts, presentations, and publications	8.4	4.1
7. Mean number of work experiences	1.9	3.2
8. Mean number of volunteer experiences	3.3	4.7
9. Percentage who are AOA members	8.9	0.0
10. Percentage who graduated from one of the 40 U.S. medical schools with the highest NIH funding	32.4	9.1
11. Percentage who have Ph.D. degree	21.4	0.0
12. Percentage who have another graduate degree	14.4	20.0

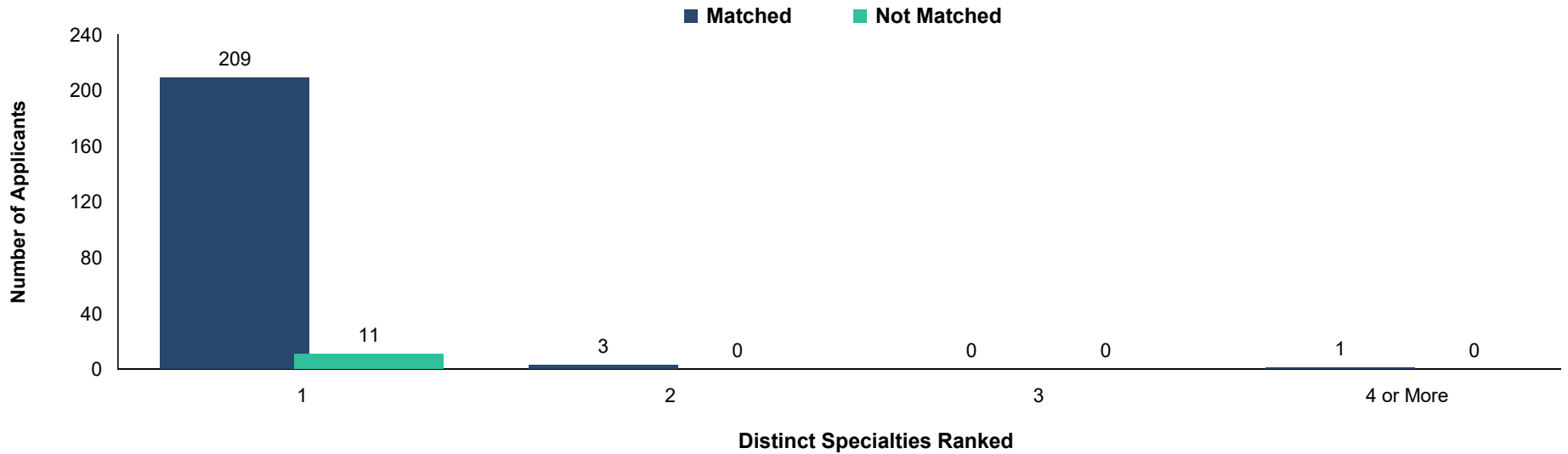
Note: Only U.S. MD seniors who gave consent to use their information in research are included.

*Only applicants who indicated completion of the USMLE Step 1 exam prior to the transition to pass/fail (i.e., prior to January 26, 2022) had the option to self-report their Step 1 numeric score. In 2024, only 2,143 U.S. MD seniors self-reported Step 1 numeric scores.

Sources. NRMP Data Warehouse; Top 40 U.S. medical schools with the highest NIH funding in measure 10 is from the NIH website (<http://report.nih.gov/award/index.cfm>).

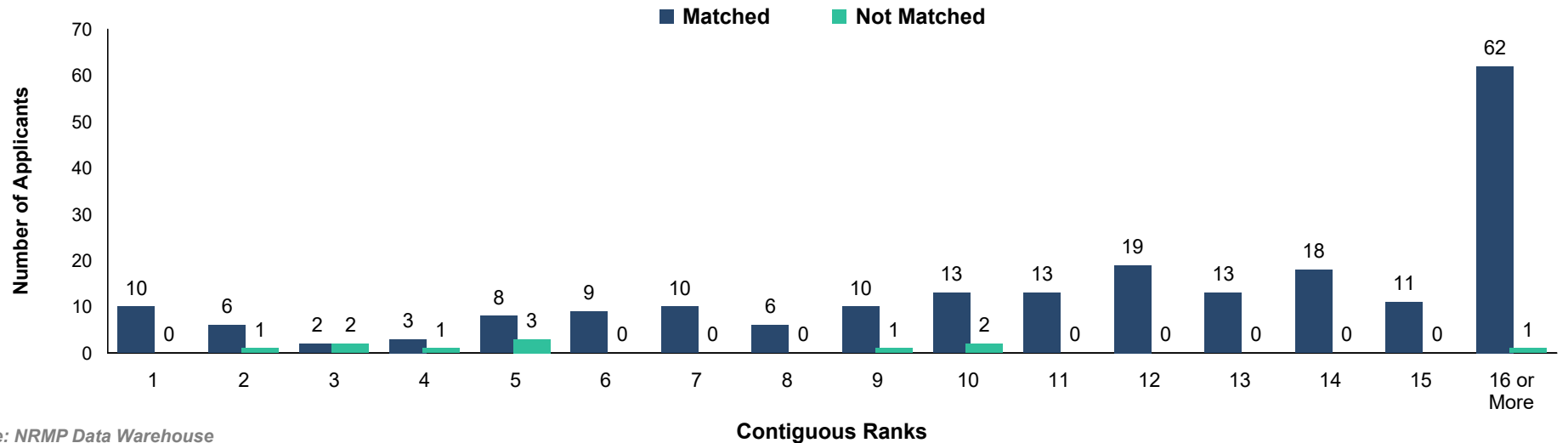
**Chart
PTH-1**

**Number of Distinct Specialties Ranked by U.S. MD Seniors
Pathology**



**Chart
PTH-2**

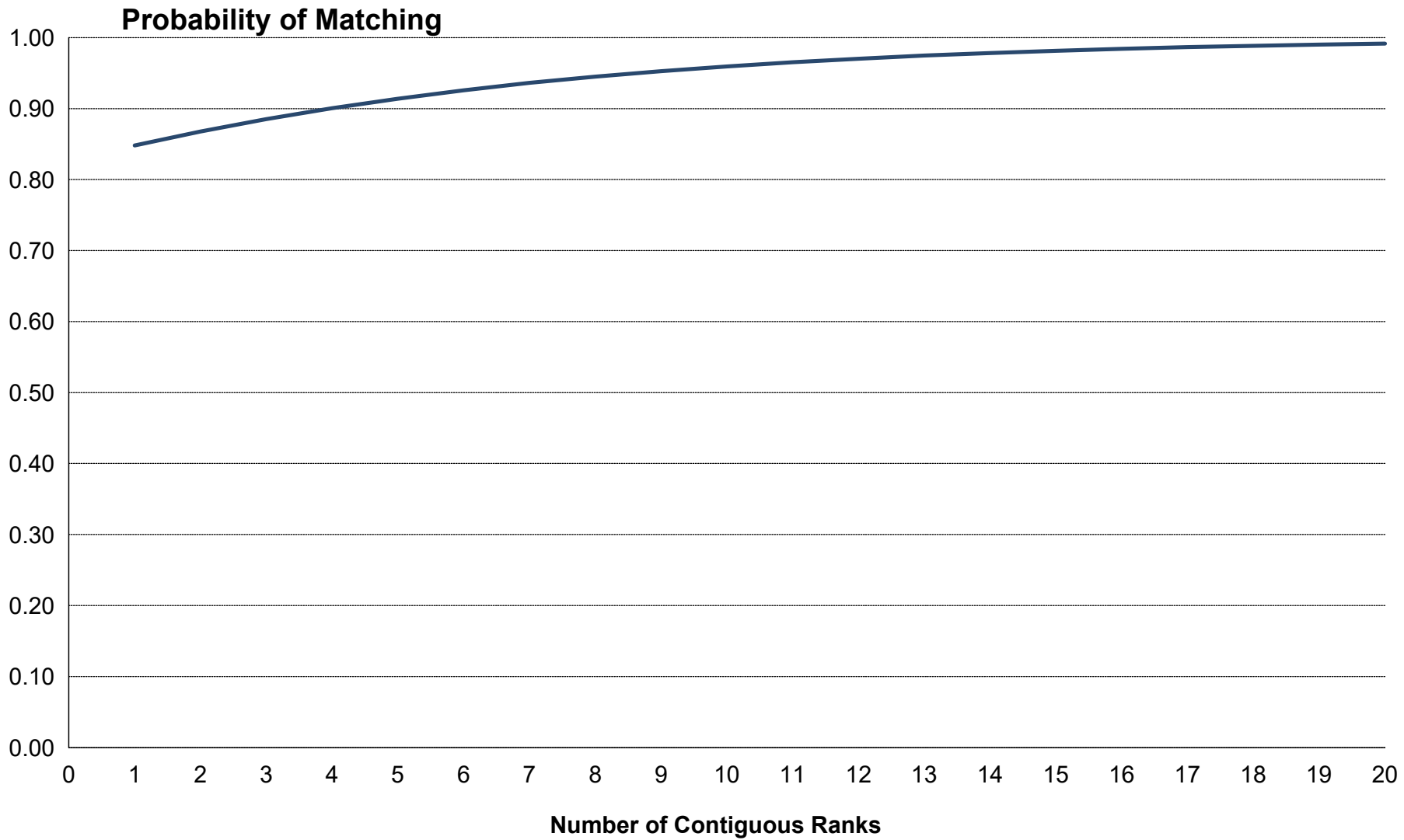
**Number of Contiguous Ranks of U.S. MD Seniors
Pathology**



Source: NRMP Data Warehouse

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

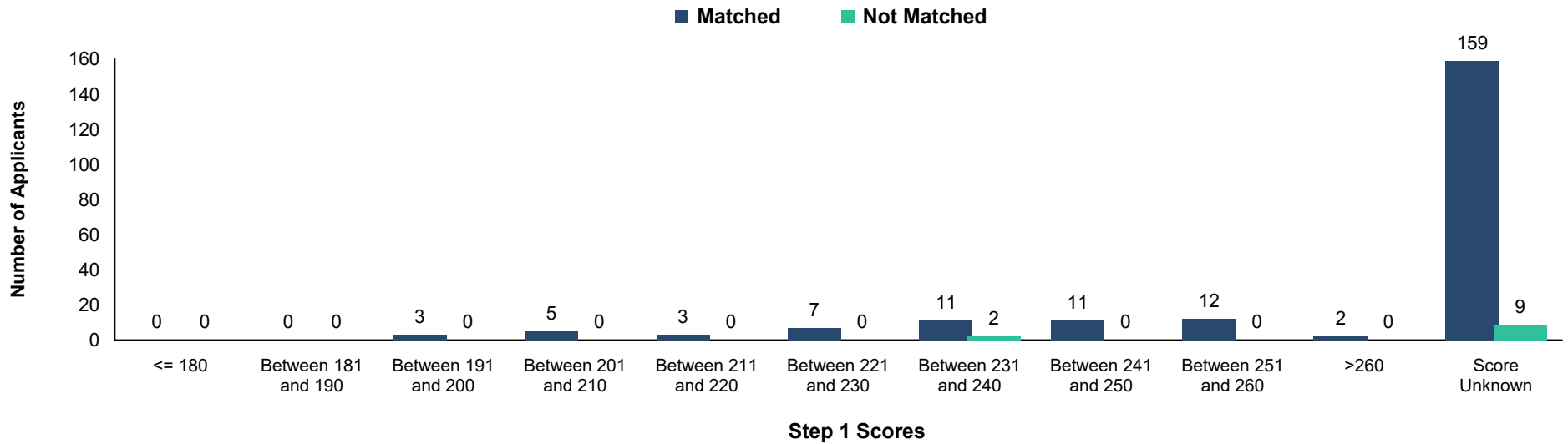
Pathology



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants

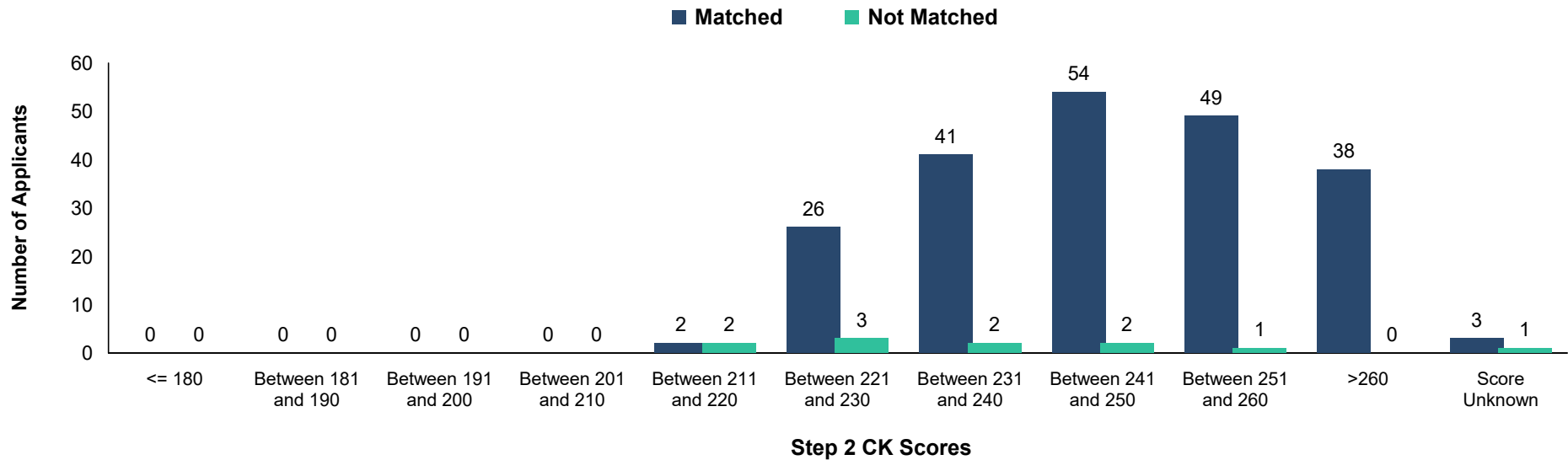
**Chart
PTH-3**

USMLE Step 1 Scores of U.S. MD Seniors
Pathology



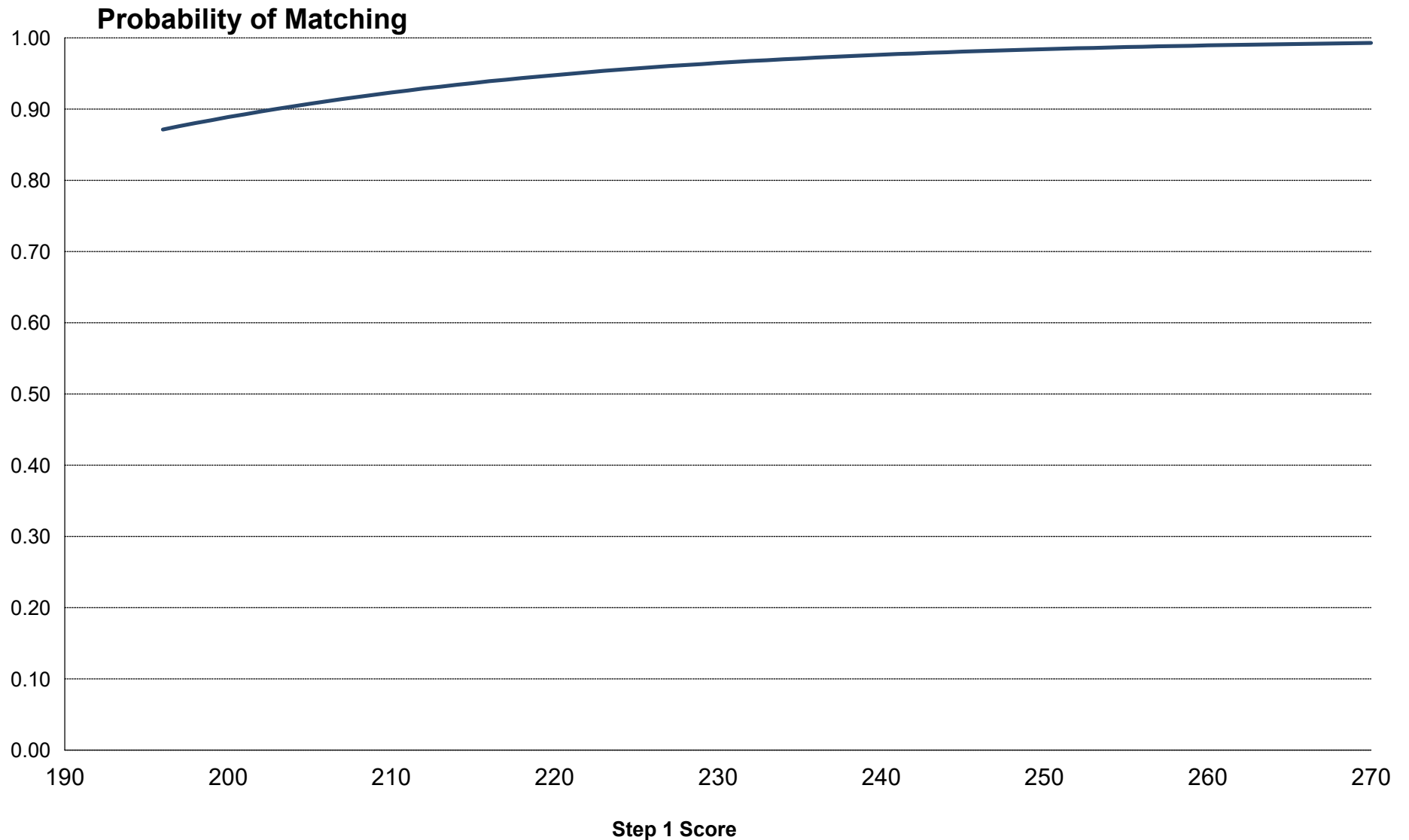
**Chart
PTH-4**

USMLE Step 2 CK Scores of U.S. MD Seniors
Pathology



Probability of U.S. MD Seniors Matching to Preferred Specialty by USMLE Step 1 Score

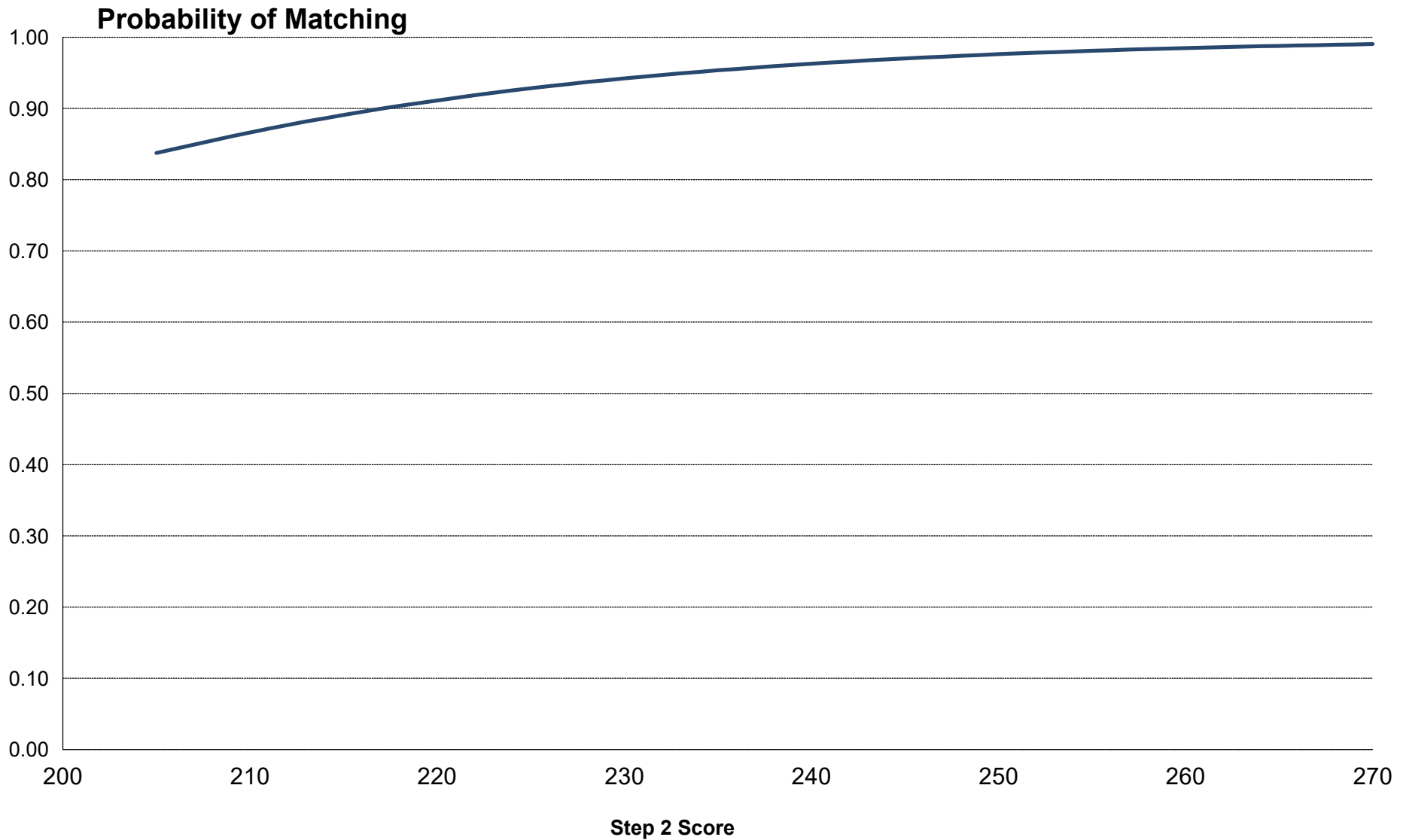
Pathology



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants.

Probability of U.S. MD Seniors Matching to Preferred Specialty by USMLE Step 2 Score

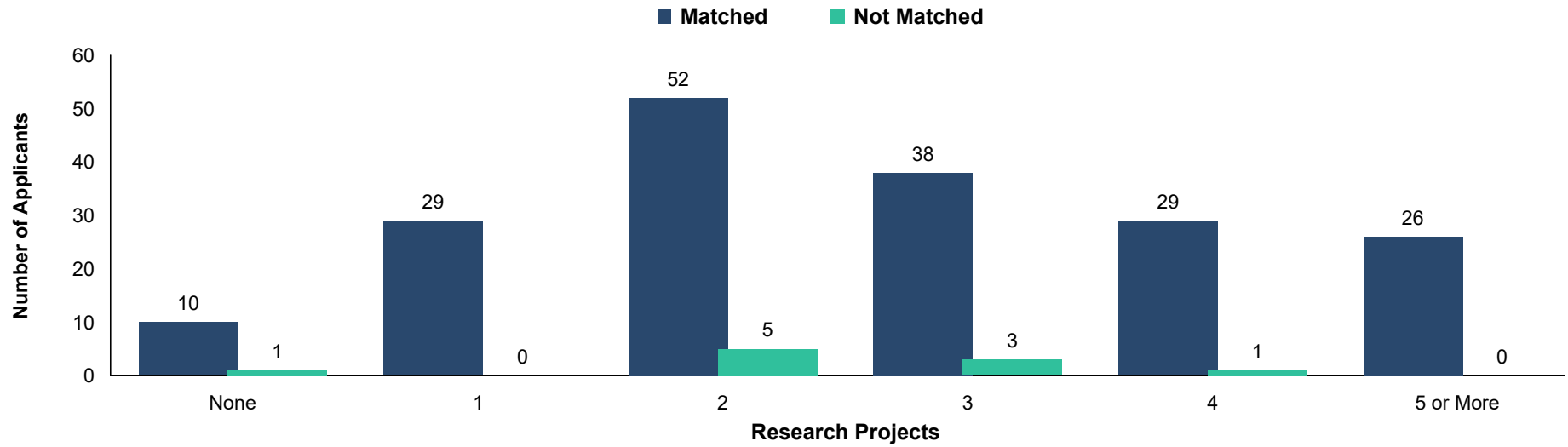
Pathology



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants.

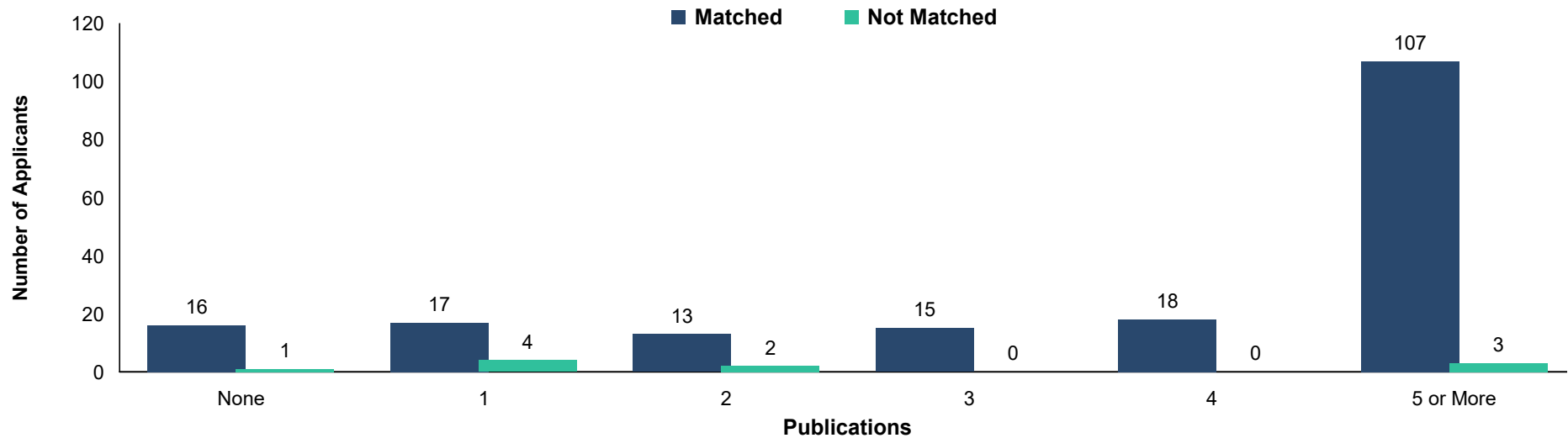
**Chart
PTH-5**

**Number of Research Projects of U.S. MD Seniors
Pathology**



**Chart
PTH-6**

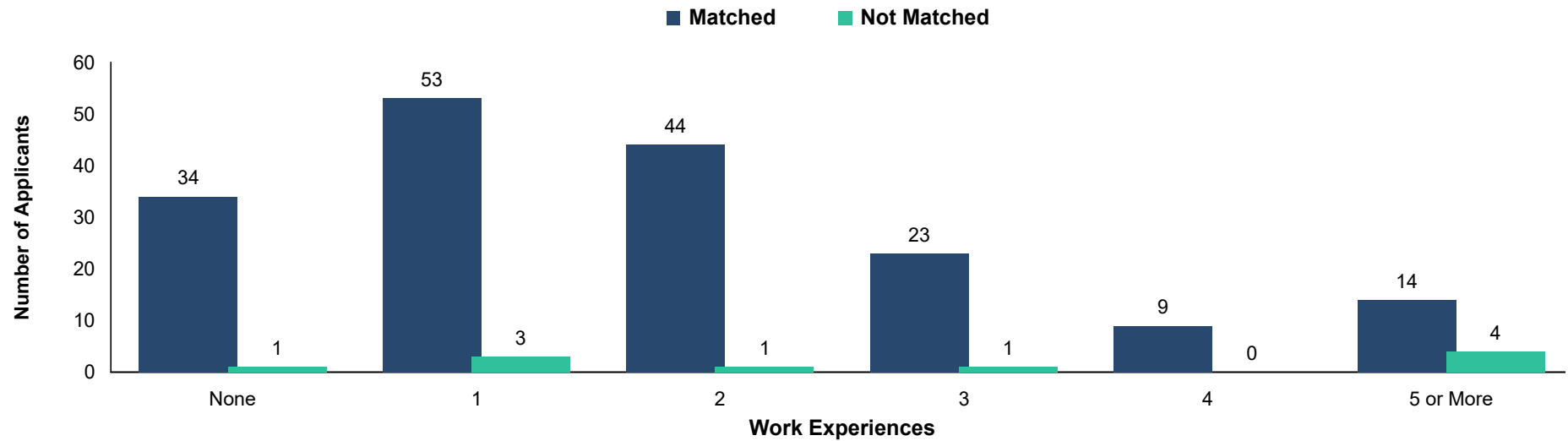
**Number of Abstracts, Presentations, and Publications of U.S. MD Seniors
Pathology**



Source: NRMP Data Warehouse

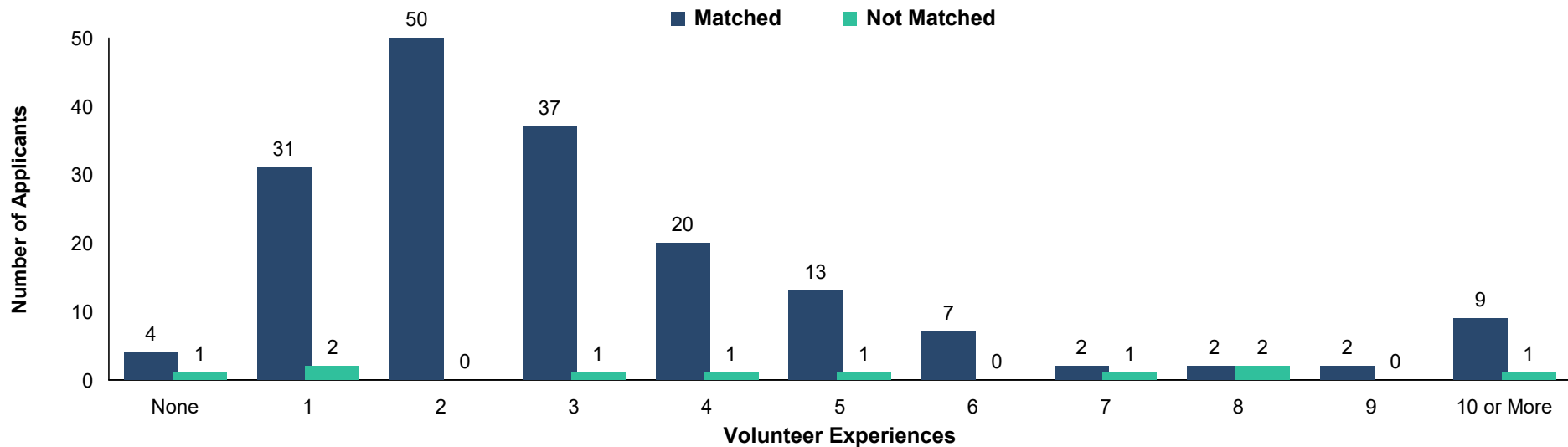
**Chart
PTH-7**

Number of Work Experiences of U.S. MD Seniors
Pathology



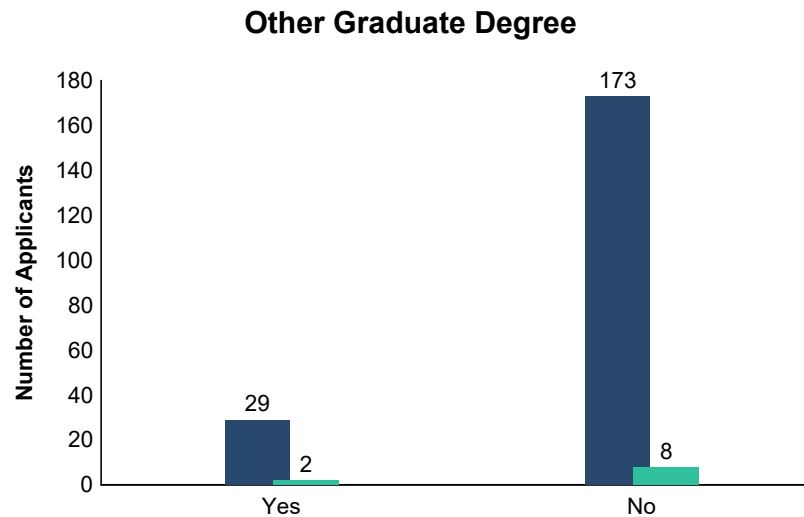
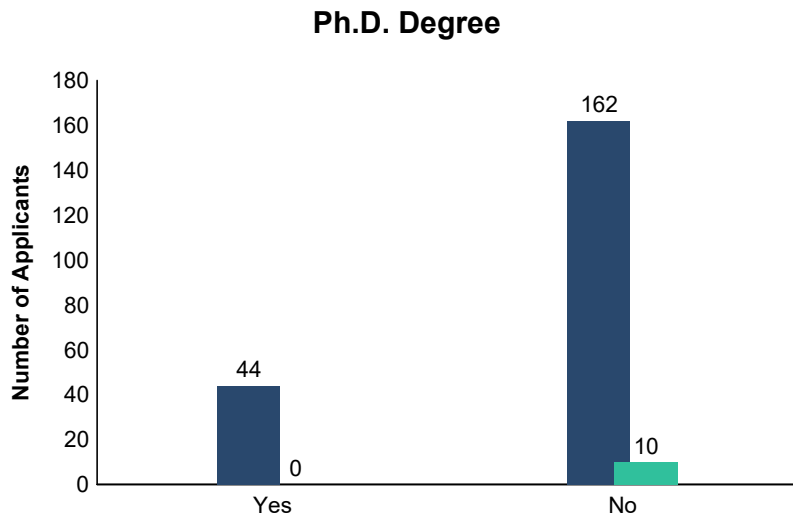
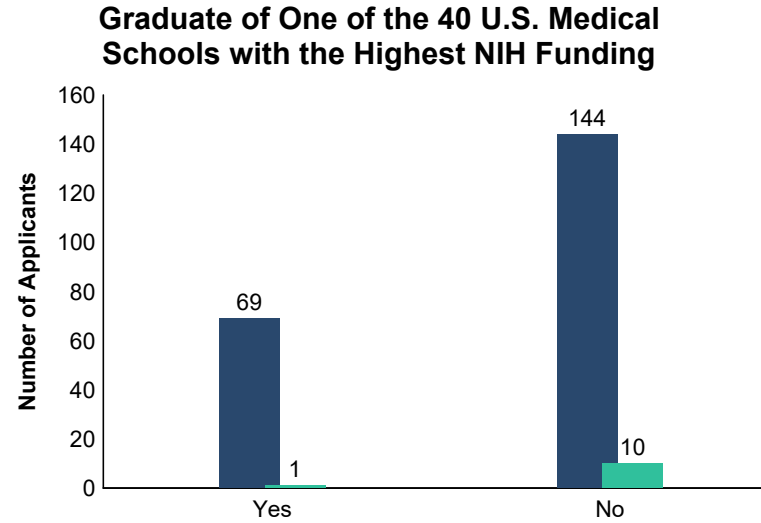
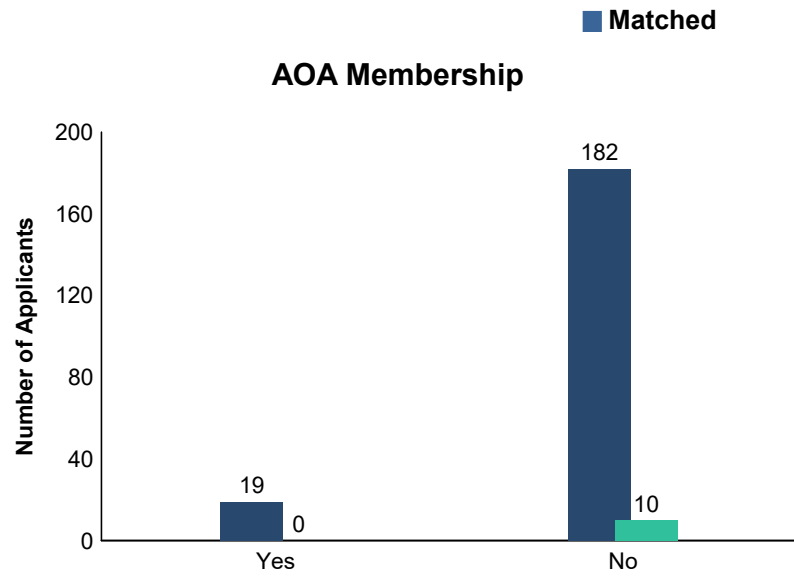
**Chart
PTH-8**

Number of Volunteer Experiences of U.S. MD Seniors
Pathology



Source: NRMP Data Warehouse

Other Characteristics of U.S. MD Seniors
Pathology



Source: NRMP Data Warehouse. Top 40 U.S. medical schools with the highest NIH funding from NIH: <http://report.nih.gov/award/index.cfm>

PD Pediatrics

Table PD-1 **Summary Statistics on U.S. MD Seniors**
Pediatrics

Measure	Matched (n=1,216)	Unmatched (n=2)
1. Mean number of contiguous ranks	15.3	2.0
2. Mean number of distinct specialties ranked	1.0	1.5
3. Mean USMLE Step 1 score*	224	214
4. Mean USMLE Step 2 score	247	233
5. Mean number of research experiences	2.6	0.5
6. Mean number of abstracts, presentations, and publications	6.4	21.5
7. Mean number of work experiences	1.6	0.5
8. Mean number of volunteer experiences	4.9	6.0
9. Percentage who are AOA members	13.4	0.0
10. Percentage who graduated from one of the 40 U.S. medical schools with the highest NIH funding	28.7	50.0
11. Percentage who have Ph.D. degree	3.1	50.0
12. Percentage who have another graduate degree	16.8	0.0

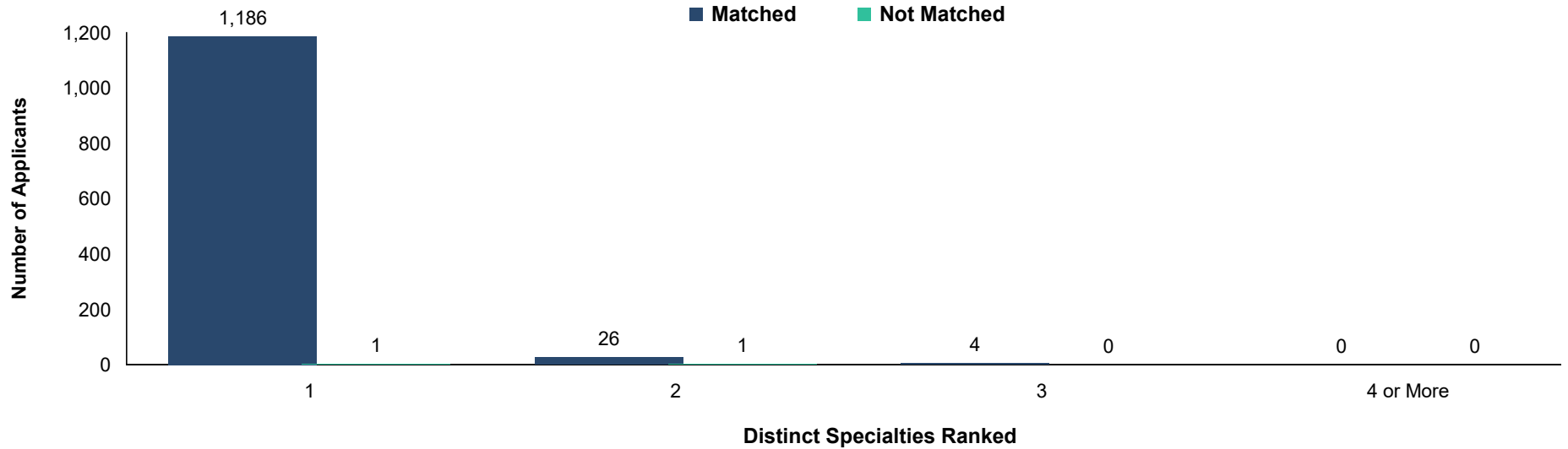
Note: Only U.S. MD seniors who gave consent to use their information in research are included.

*Only applicants who indicated completion of the USMLE Step 1 exam prior to the transition to pass/fail (i.e., prior to January 26, 2022) had the option to self-report their Step 1 numeric score. In 2024, only 2,143 U.S. MD seniors self-reported Step 1 numeric scores.

Sources. NRMP Data Warehouse; Top 40 U.S. medical schools with the highest NIH funding in measure 10 is from the NIH website (<http://report.nih.gov/award/index.cfm>).

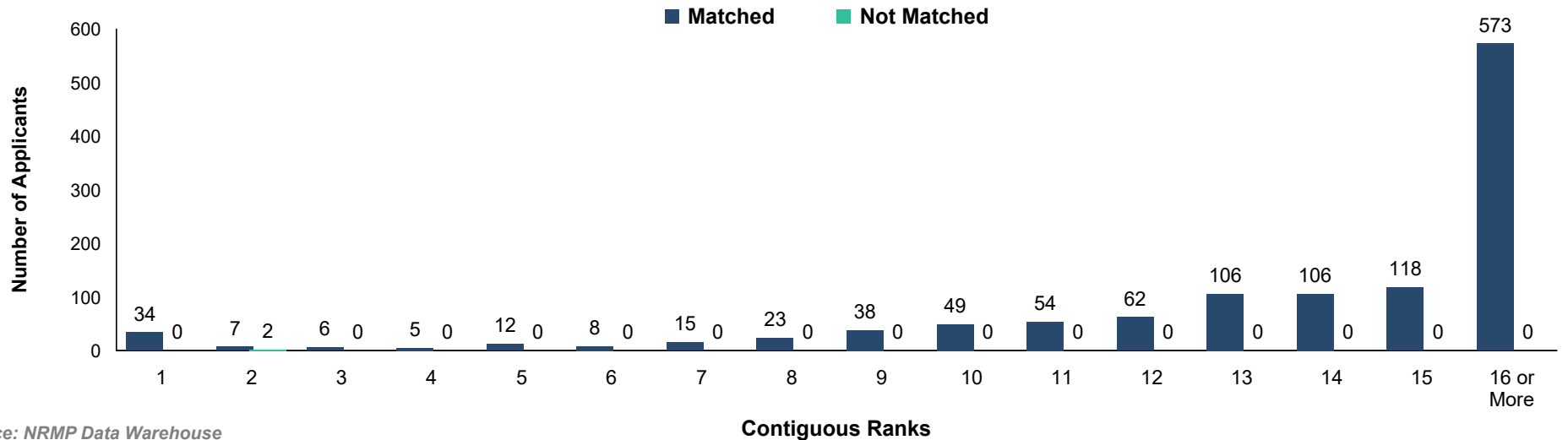
**Chart
PD-1**

**Number of Distinct Specialties Ranked by U.S. MD Seniors
*Pediatrics***



**Chart
PD-2**

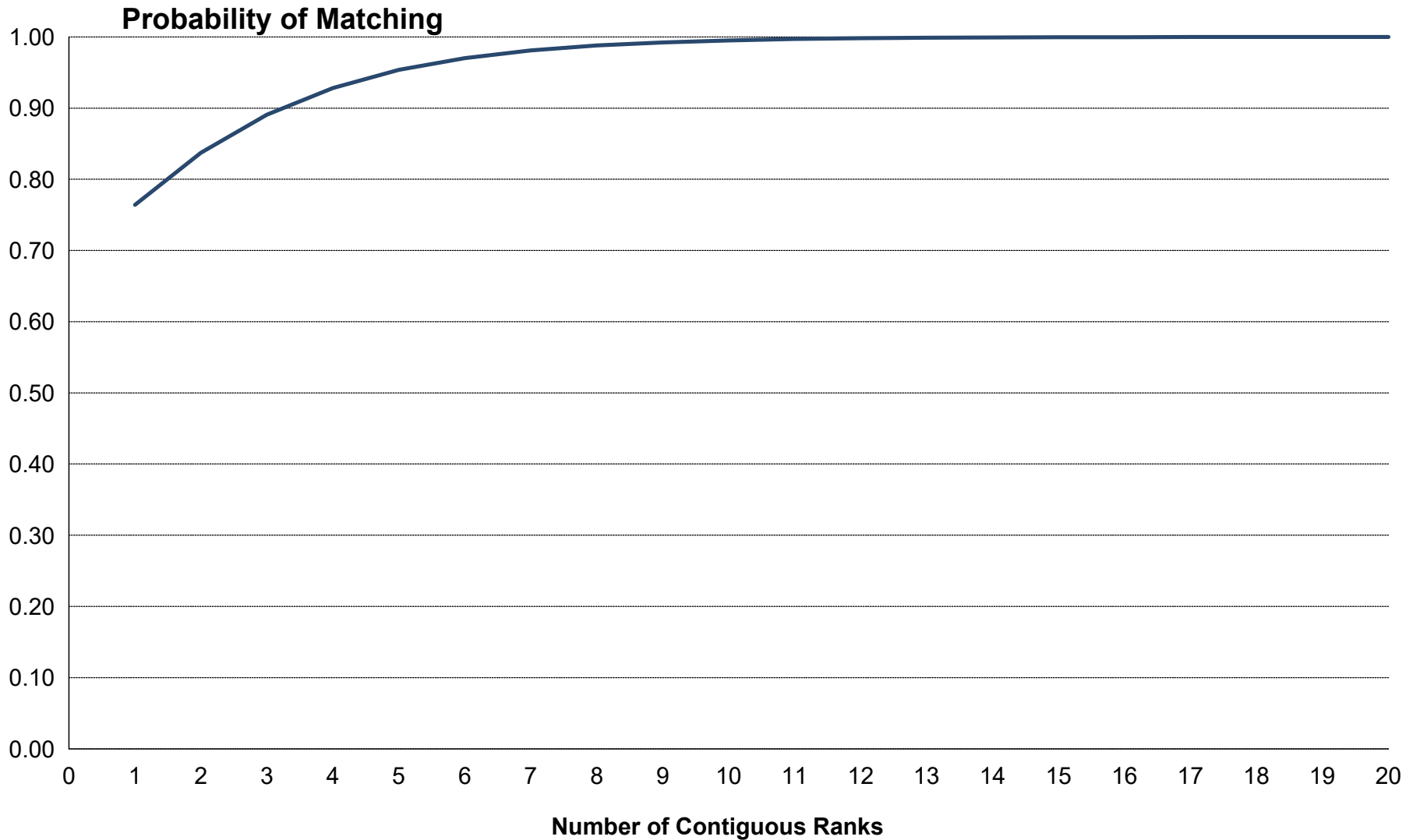
**Number of Contiguous Ranks of U.S. MD Seniors
*Pediatrics***



Source: NRMP Data Warehouse

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

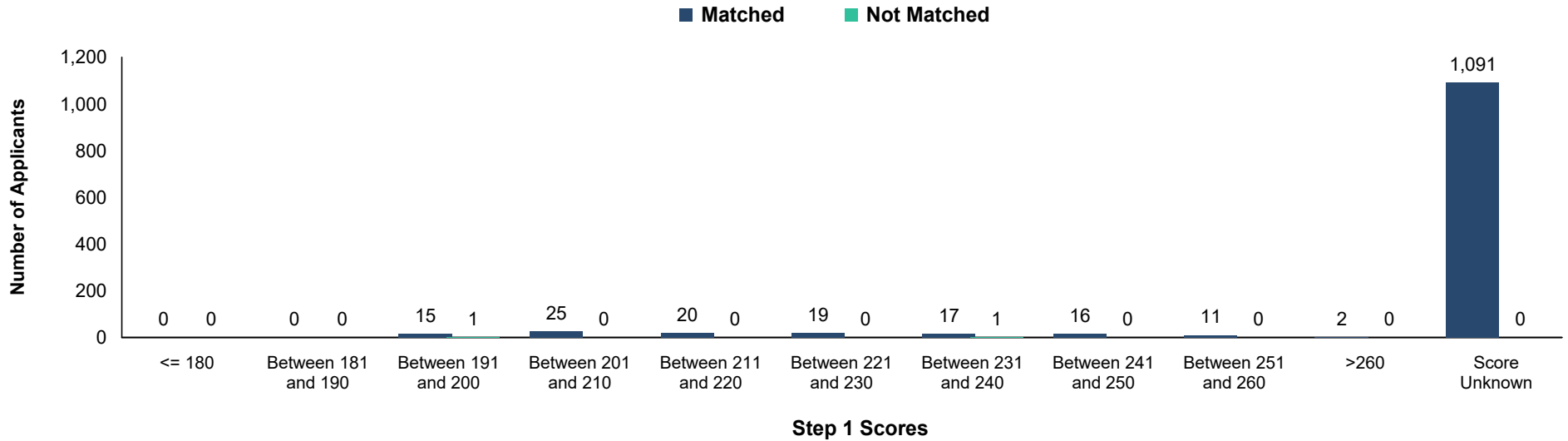
Pediatrics



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants

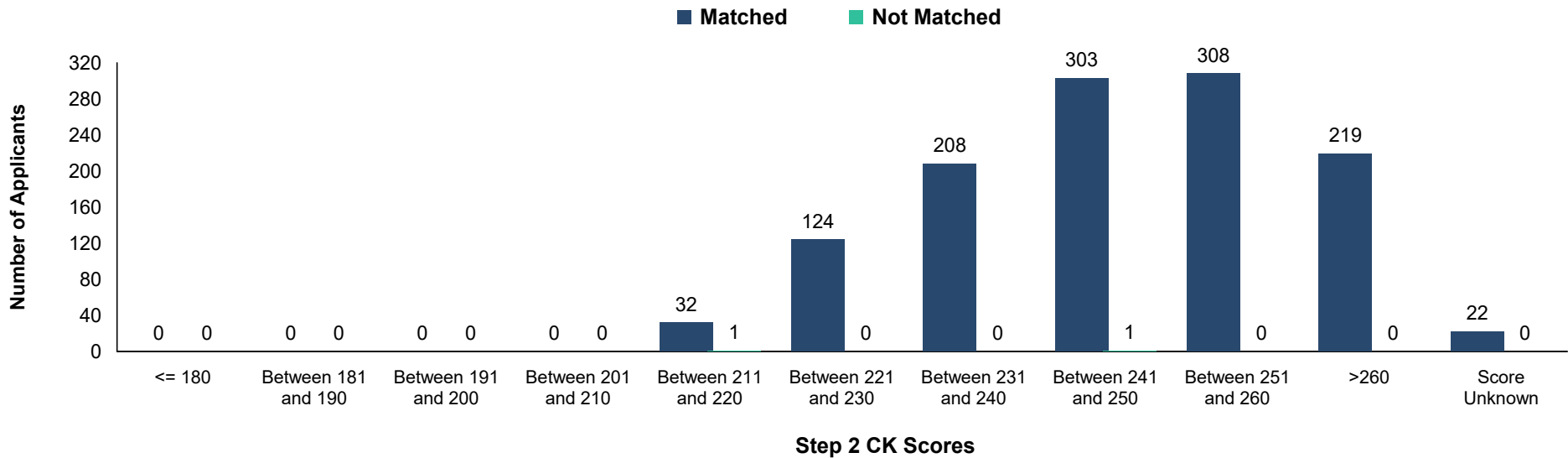
**Chart
PD-3**

**USMLE Step 1 Scores of U.S. MD Seniors
*Pediatrics***



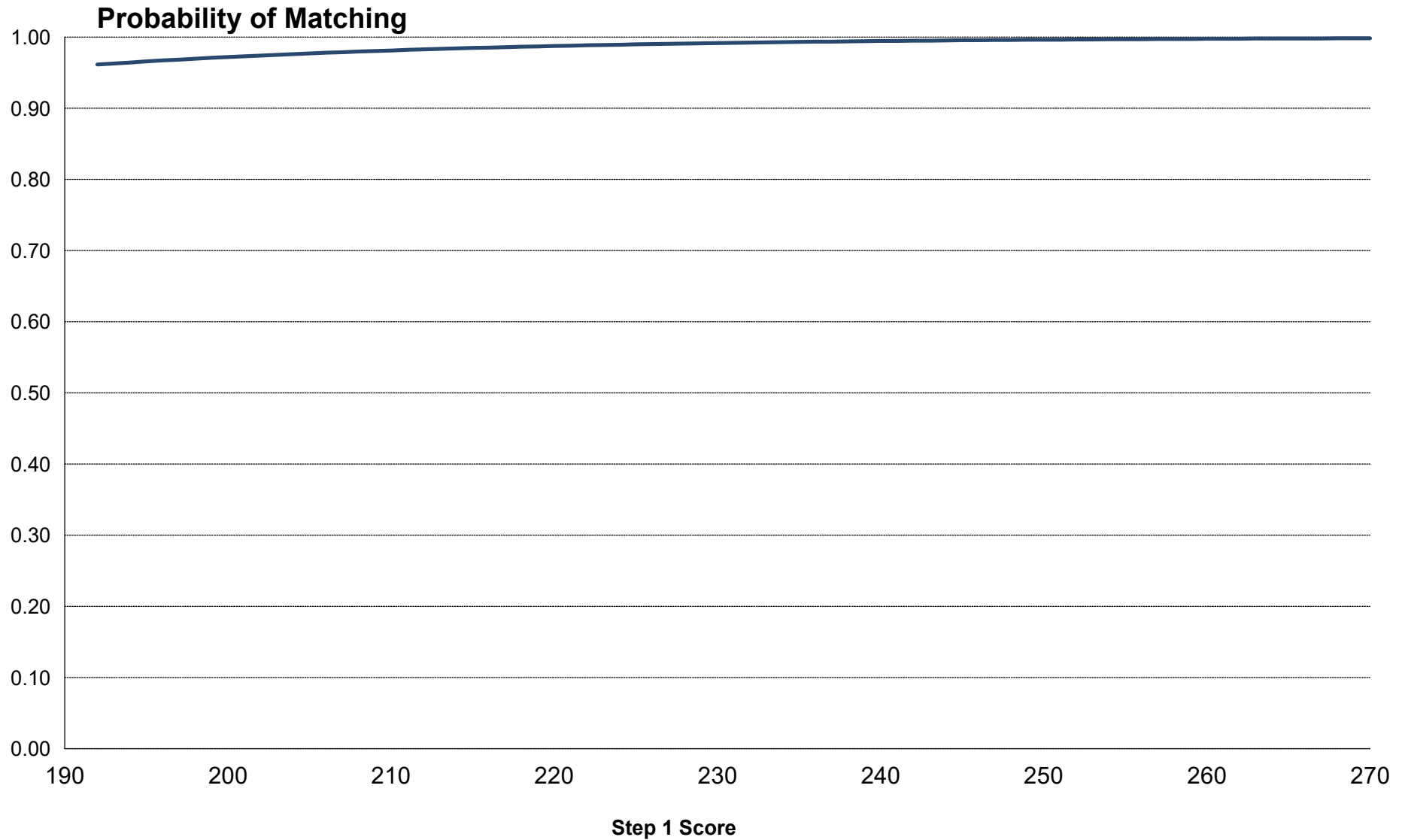
**Chart
PD-4**

**USMLE Step 2 CK Scores of U.S. MD Seniors
*Pediatrics***



Probability of U.S. MD Seniors Matching to Preferred Specialty by USMLE Step 1 Score

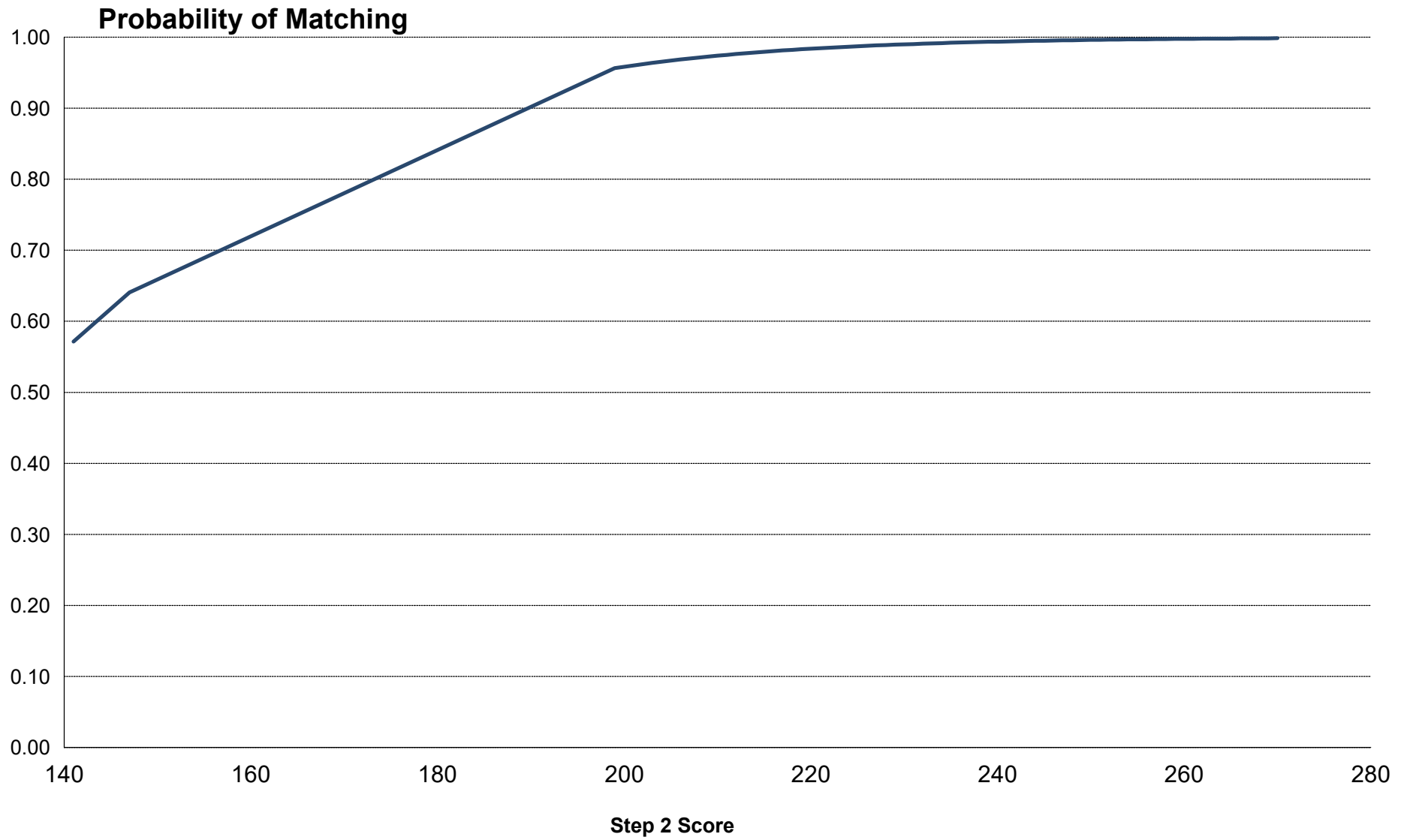
Pediatrics



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants.

Probability of U.S. MD Seniors Matching to Preferred Specialty by USMLE Step 2 Score

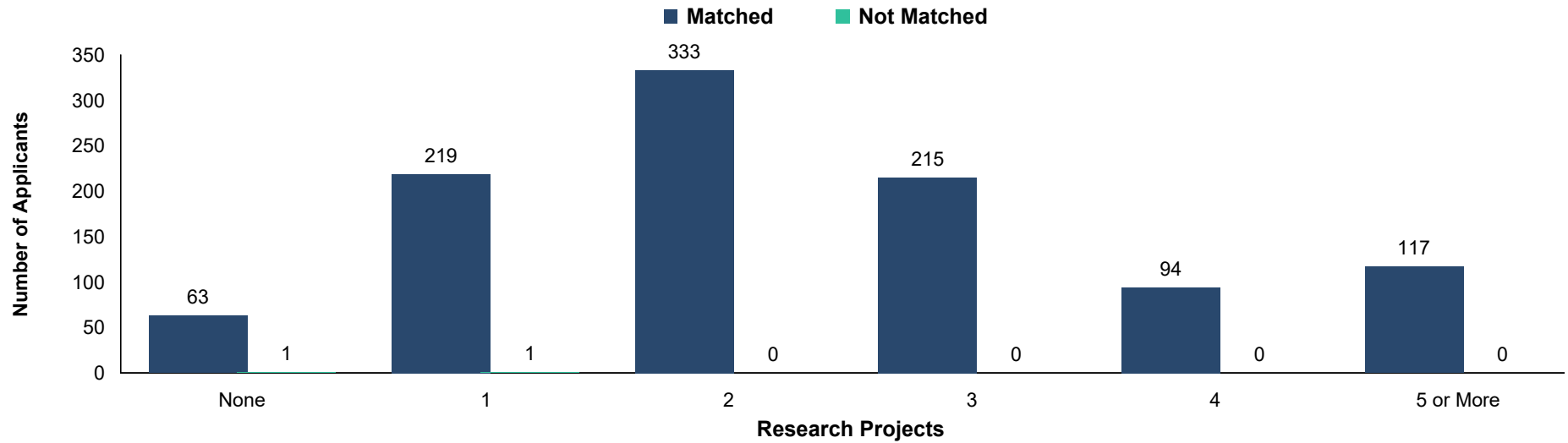
Pediatrics



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants.

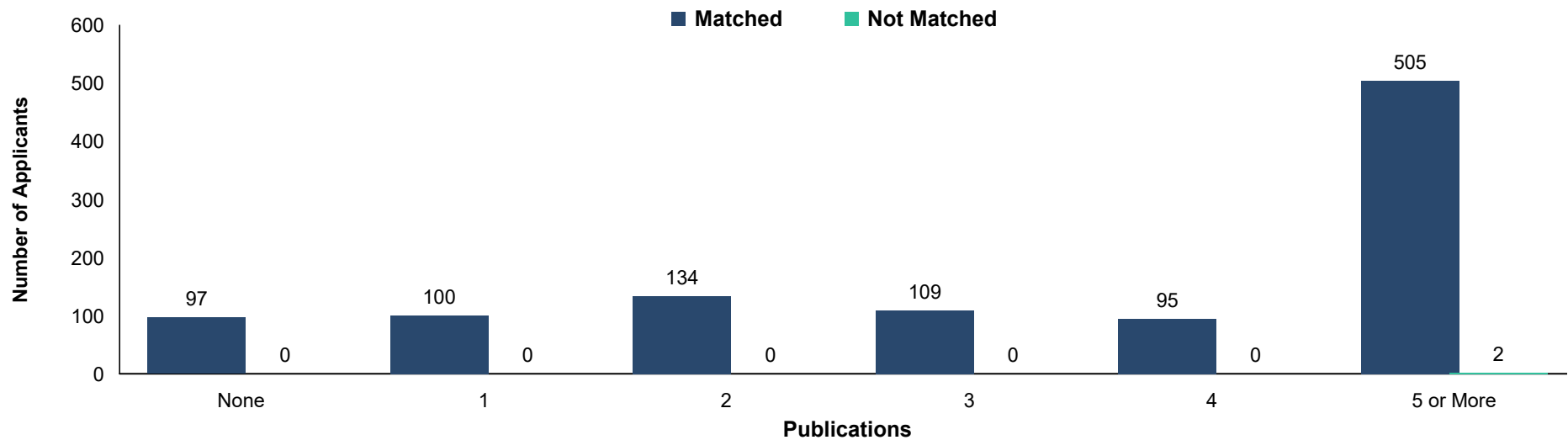
**Chart
PD-5**

**Number of Research Projects of U.S. MD Seniors
*Pediatrics***



**Chart
PD-6**

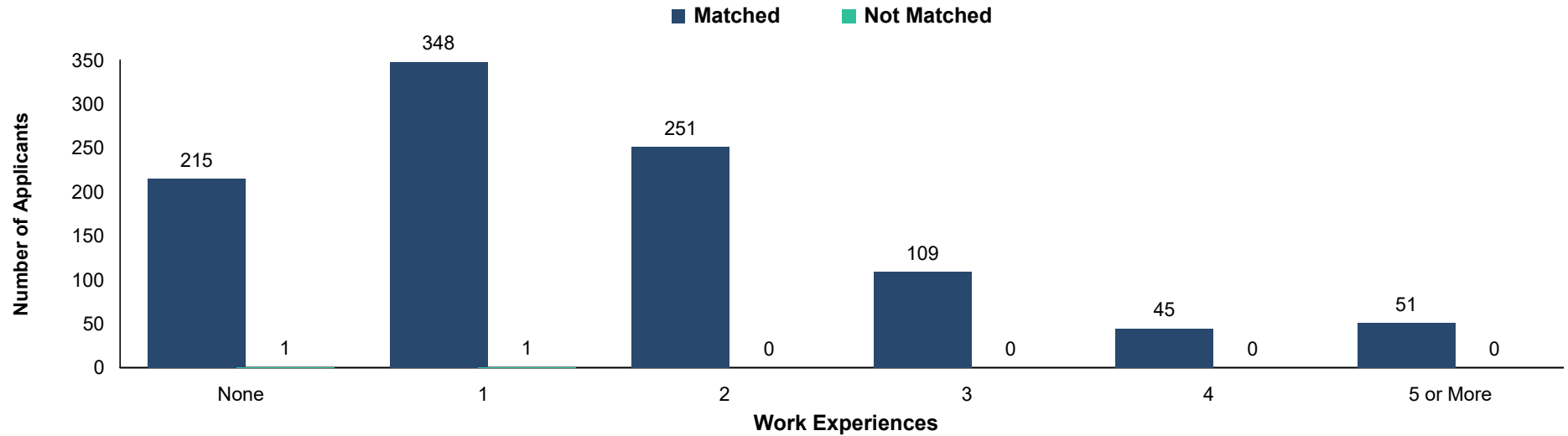
**Number of Abstracts, Presentations, and Publications of U.S. MD Seniors
*Pediatrics***



Source: NRMP Data Warehouse

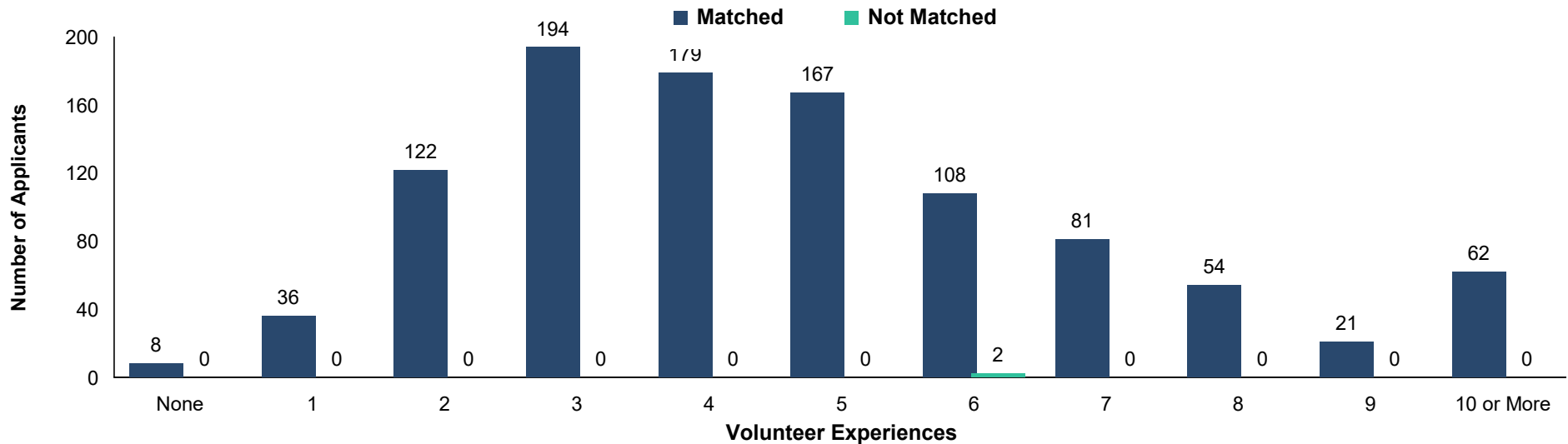
**Chart
PD-7**

**Number of Work Experiences of U.S. MD Seniors
*Pediatrics***



**Chart
PD-8**

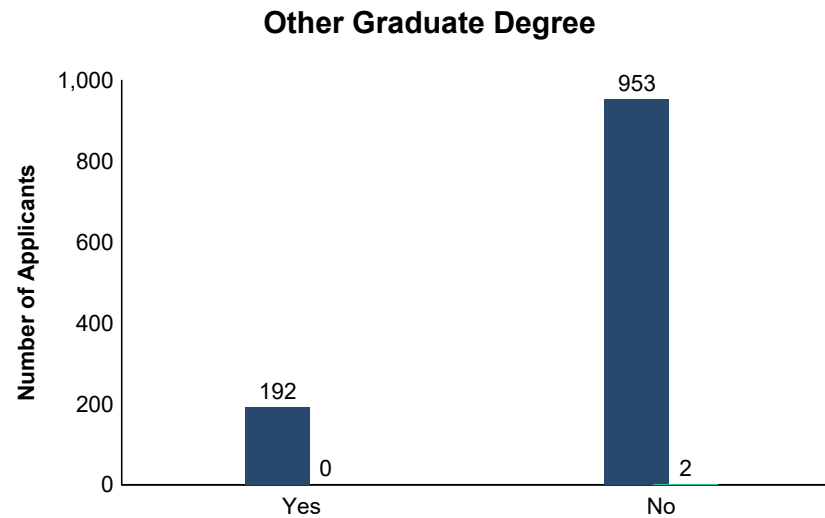
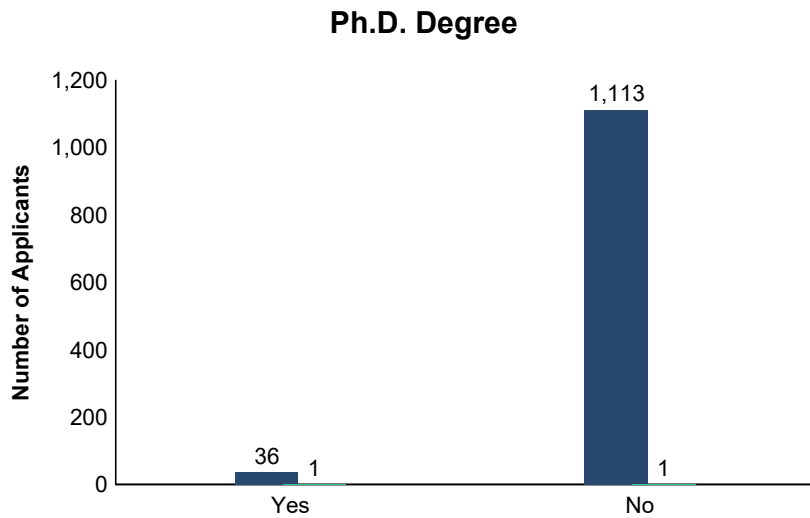
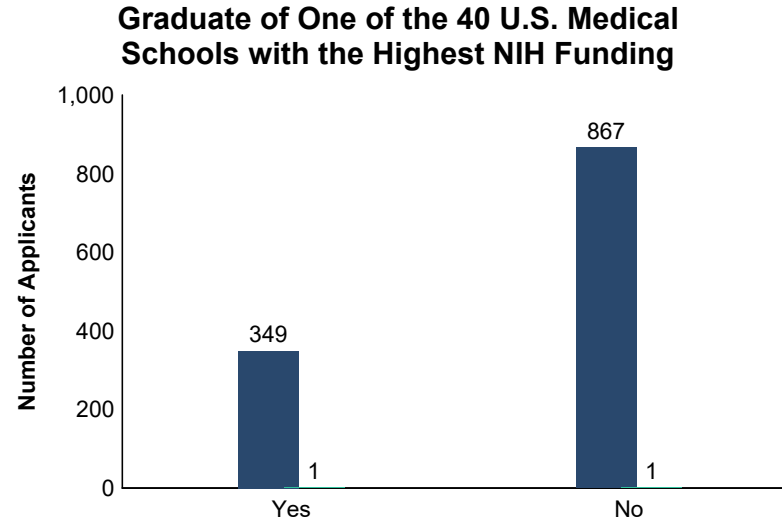
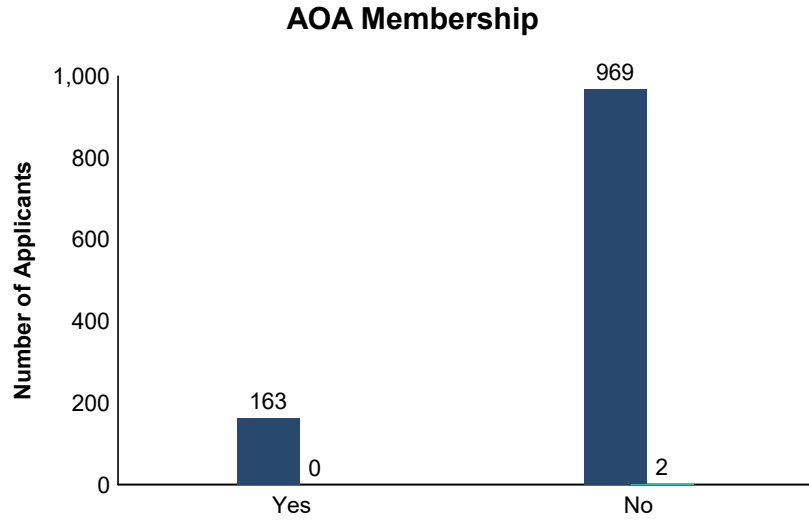
**Number of Volunteer Experiences of U.S. MD Seniors
*Pediatrics***



Source: NRMP Data Warehouse

**Other Characteristics of U.S. MD Seniors
*Pediatrics***

■ Matched ■ Not Matched



Source: NRMP Data Warehouse. Top 40 U.S. medical schools with the highest NIH funding from NIH: <http://report.nih.gov/award/index.cfm>

PM Physical Medicine and Rehabilitation

Table PM-1 **Summary Statistics on U.S. MD Seniors**
Physical Medicine and Rehabilitation

Measure	Matched (n=231)	Unmatched (n=42)
1. Mean number of contiguous ranks	13.7	5.1
2. Mean number of distinct specialties ranked	1.6	2.3
3. Mean USMLE Step 1 score*	226	212
4. Mean USMLE Step 2 score	248	236
5. Mean number of research experiences	3.4	3.3
6. Mean number of abstracts, presentations, and publications	8.6	6.4
7. Mean number of work experiences	1.8	2.2
8. Mean number of volunteer experiences	4.8	4.9
9. Percentage who are AOA members	13.9	0.0
10. Percentage who graduated from one of the 40 U.S. medical schools with the highest NIH funding	22.1	23.8
11. Percentage who have Ph.D. degree	1.9	0.0
12. Percentage who have another graduate degree	16.1	12.5

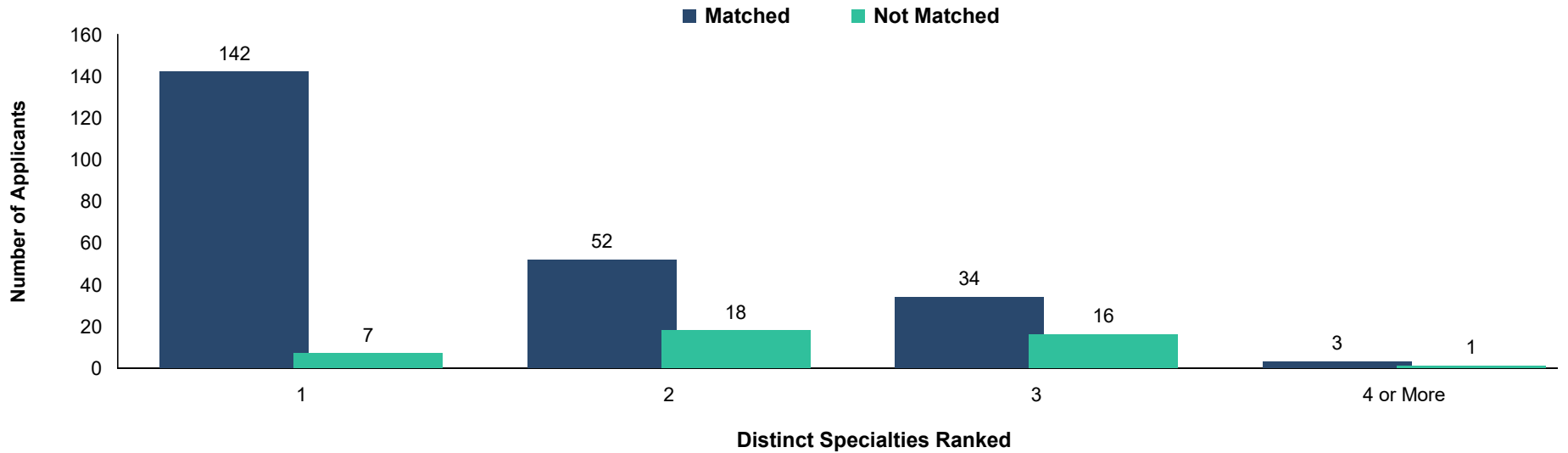
Note: Only U.S. MD seniors who gave consent to use their information in research are included.

*Only applicants who indicated completion of the USMLE Step 1 exam prior to the transition to pass/fail (i.e., prior to January 26, 2022) had the option to self-report their Step 1 numeric score. In 2024, only 2,143 U.S. MD seniors self-reported Step 1 numeric scores.

Sources. NRMP Data Warehouse; Top 40 U.S. medical schools with the highest NIH funding in measure 10 is from the NIH website (<http://report.nih.gov/award/index.cfm>).

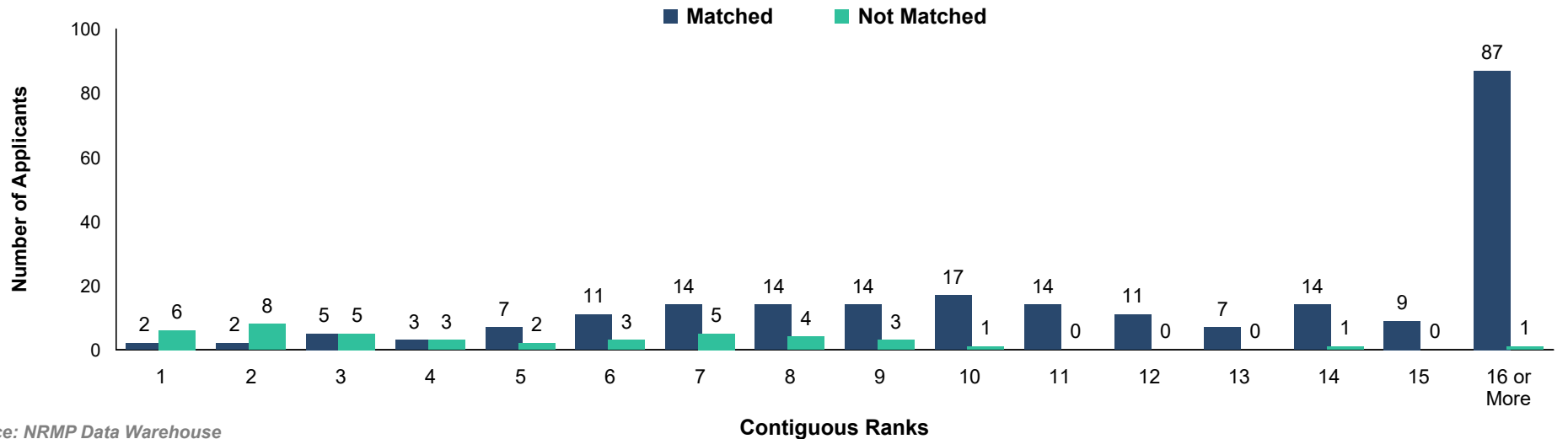
**Chart
PM-1**

Number of Distinct Specialties Ranked by U.S. MD Seniors
Physical Medicine and Rehabilitation



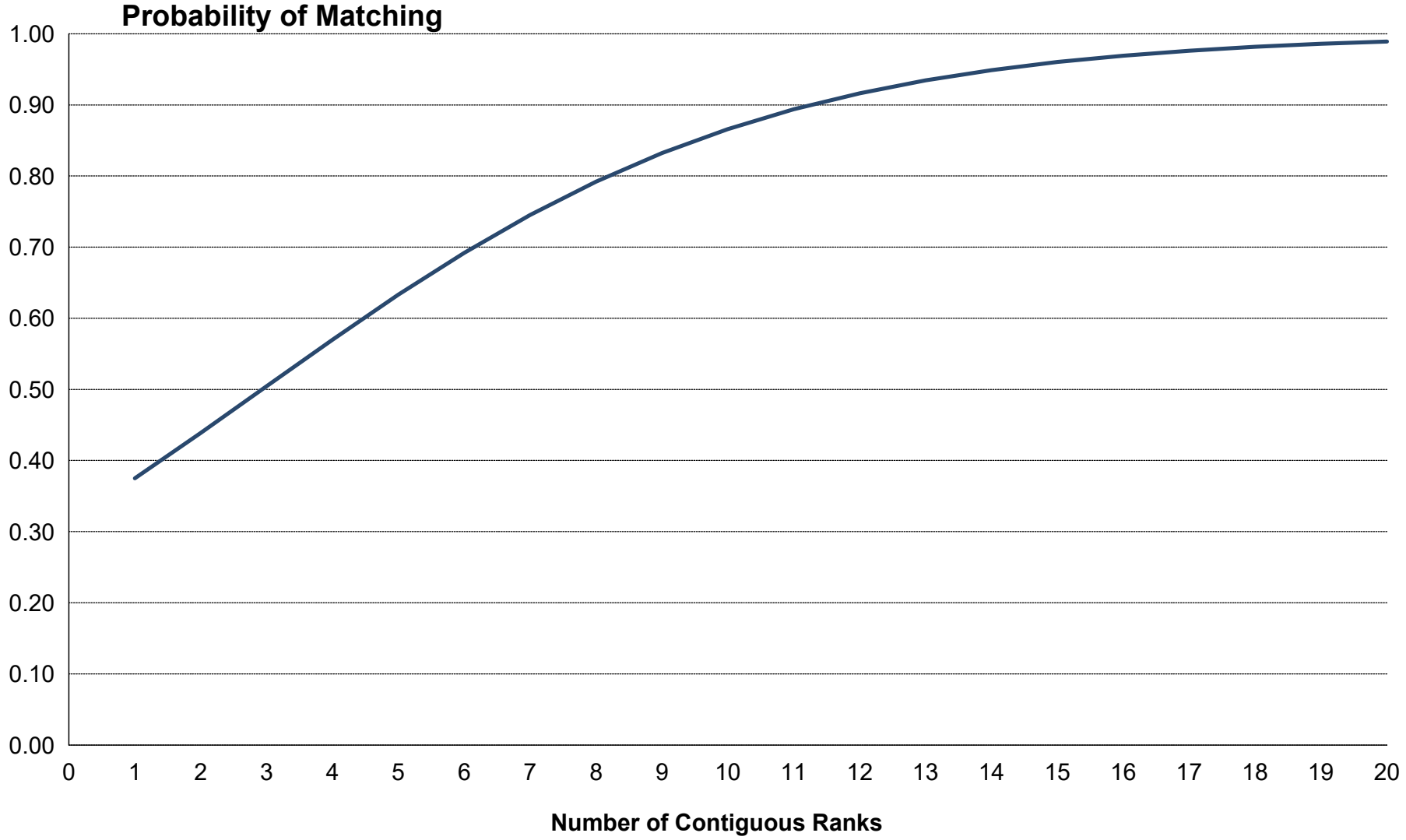
**Chart
PM-2**

Number of Contiguous Ranks of U.S. MD Seniors
Physical Medicine and Rehabilitation



Source: NRMP Data Warehouse

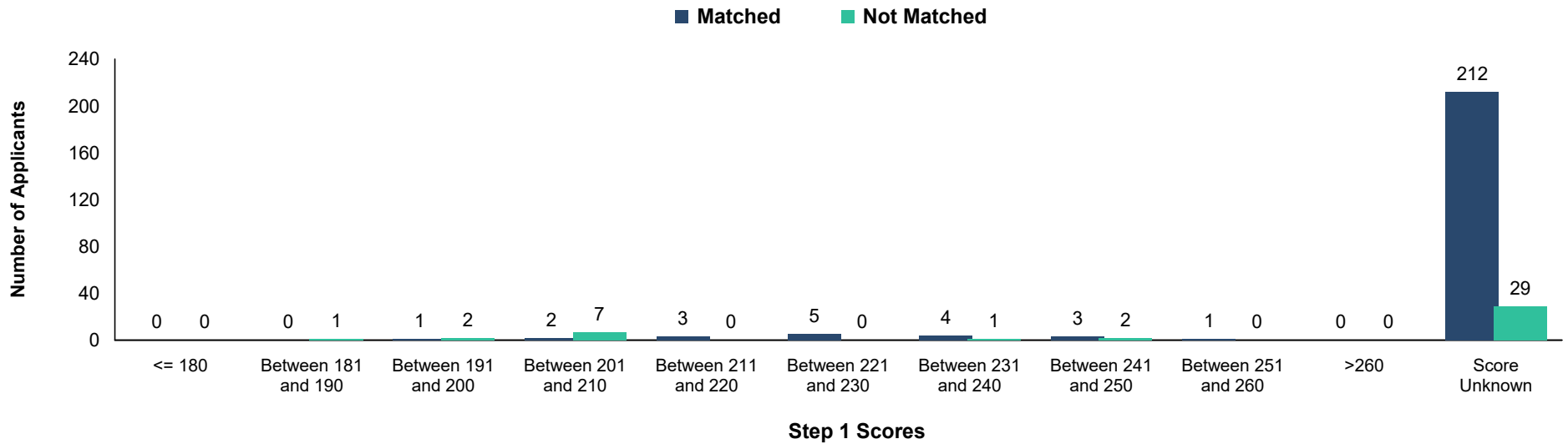
Probability of U.S. MD Seniors Matching to Preferred Specialty by Number of Contiguous Ranks
Physical Medicine and Rehabilitation



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants

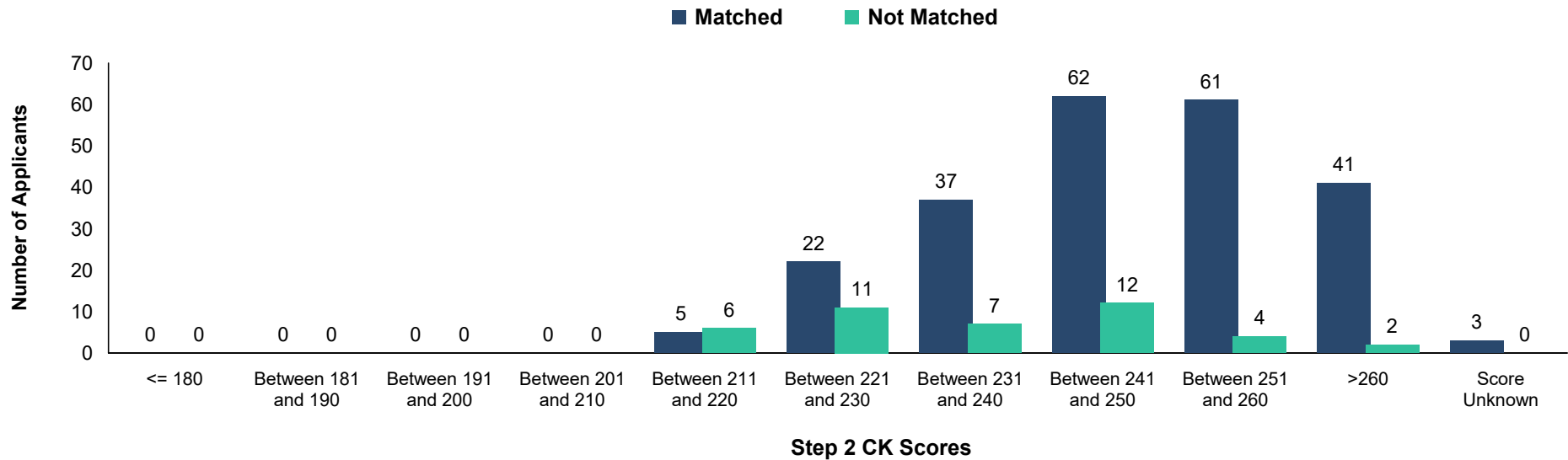
**Chart
PM-3**

USMLE Step 1 Scores of U.S. MD Seniors
Physical Medicine and Rehabilitation



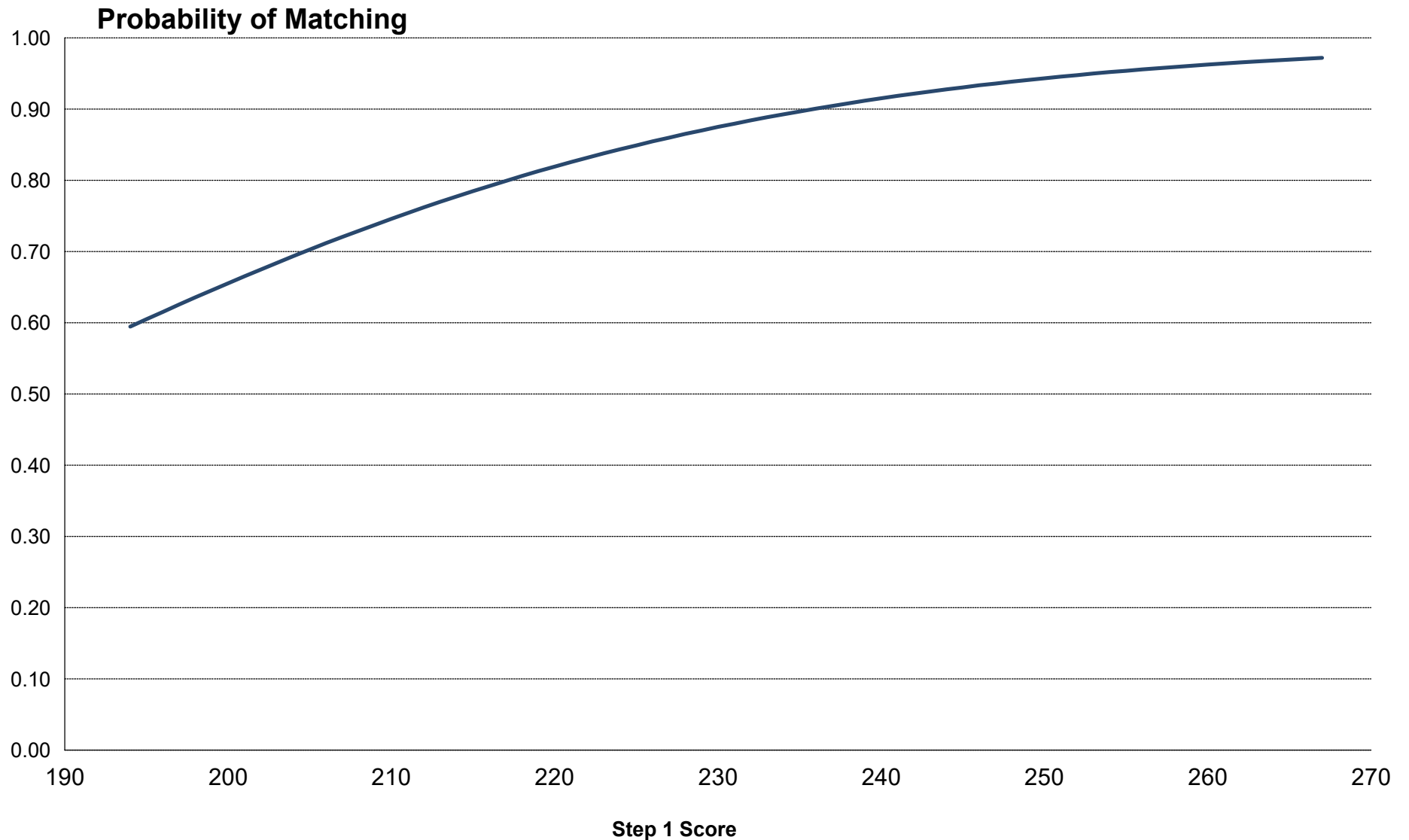
**Chart
PM-4**

USMLE Step 2 CK Scores of U.S. MD Seniors
Physical Medicine and Rehabilitation



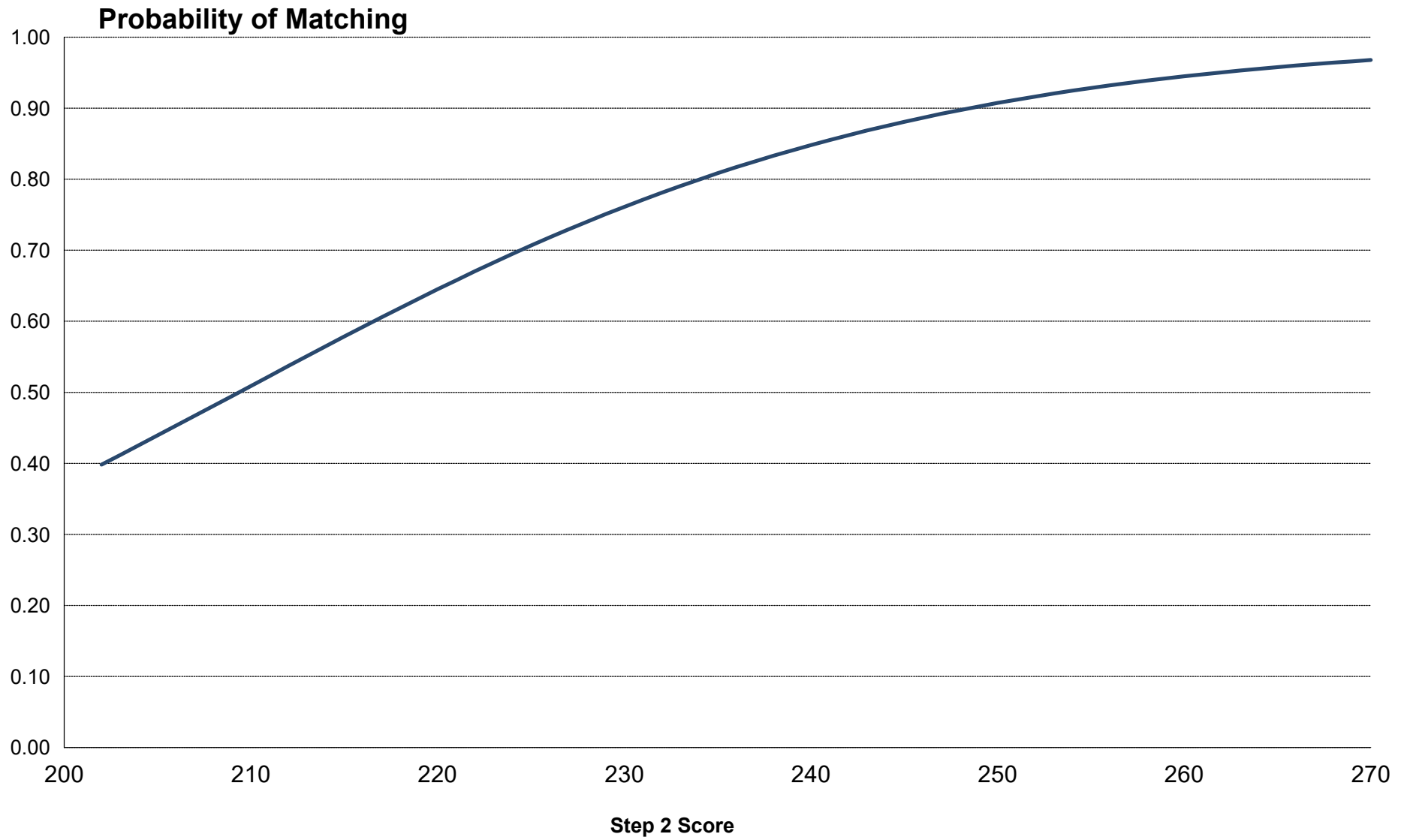
Probability of U.S. MD Seniors Matching to Preferred Specialty by USMLE Step 1 Score

Physical Medicine and Rehabilitation



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants.

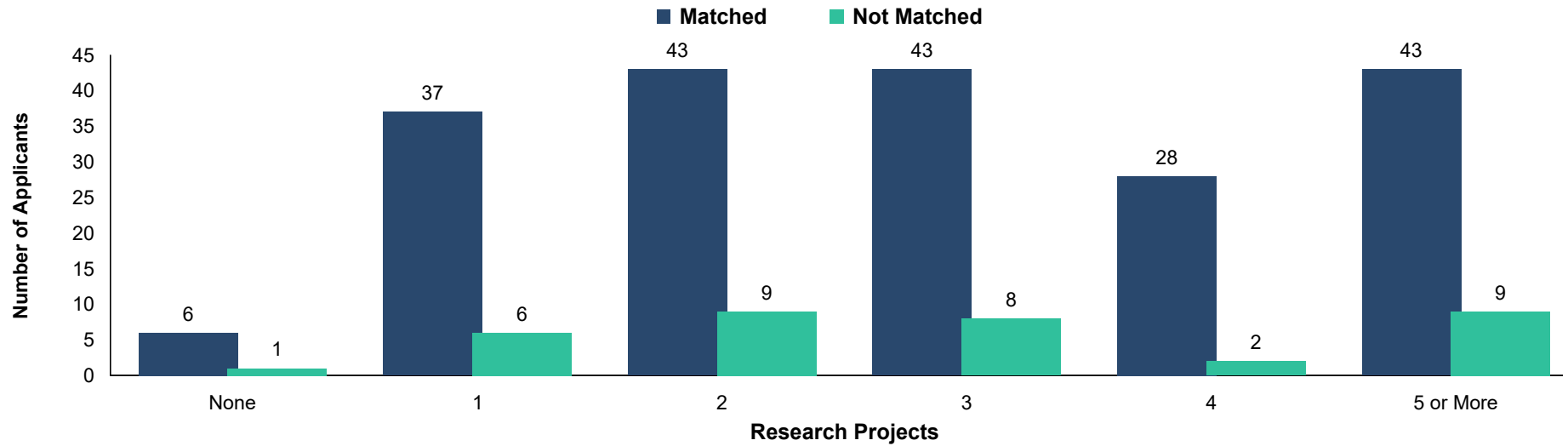
Probability of U.S. MD Seniors Matching to Preferred Specialty by USMLE Step 2 Score *Physical Medicine and Rehabilitation*



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants.

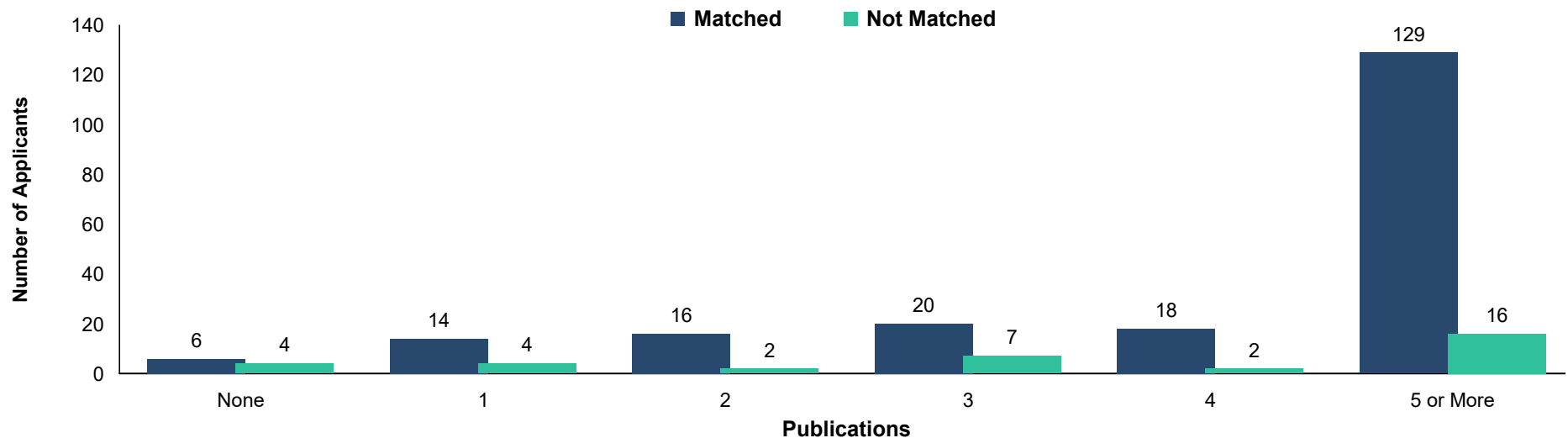
**Chart
PM-5**

Number of Research Projects of U.S. MD Seniors
Physical Medicine and Rehabilitation



**Chart
PM-6**

Number of Abstracts, Presentations, and Publications of U.S. MD Seniors
Physical Medicine and Rehabilitation



Source: NRMP Data Warehouse

Chart PM-7 Number of Work Experiences of U.S. MD Seniors
Physical Medicine and Rehabilitation

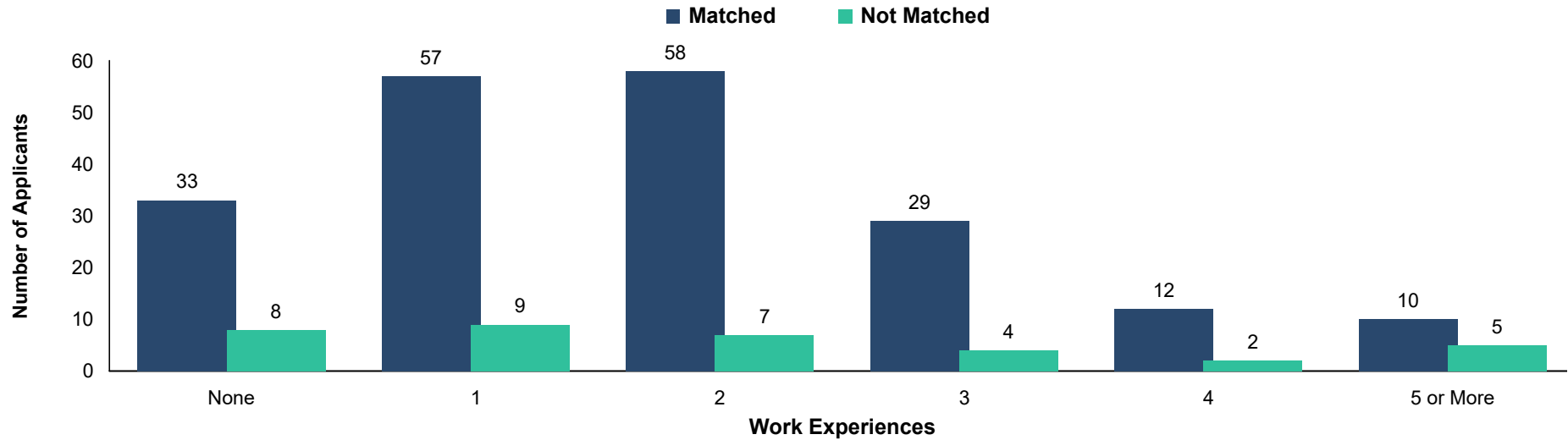
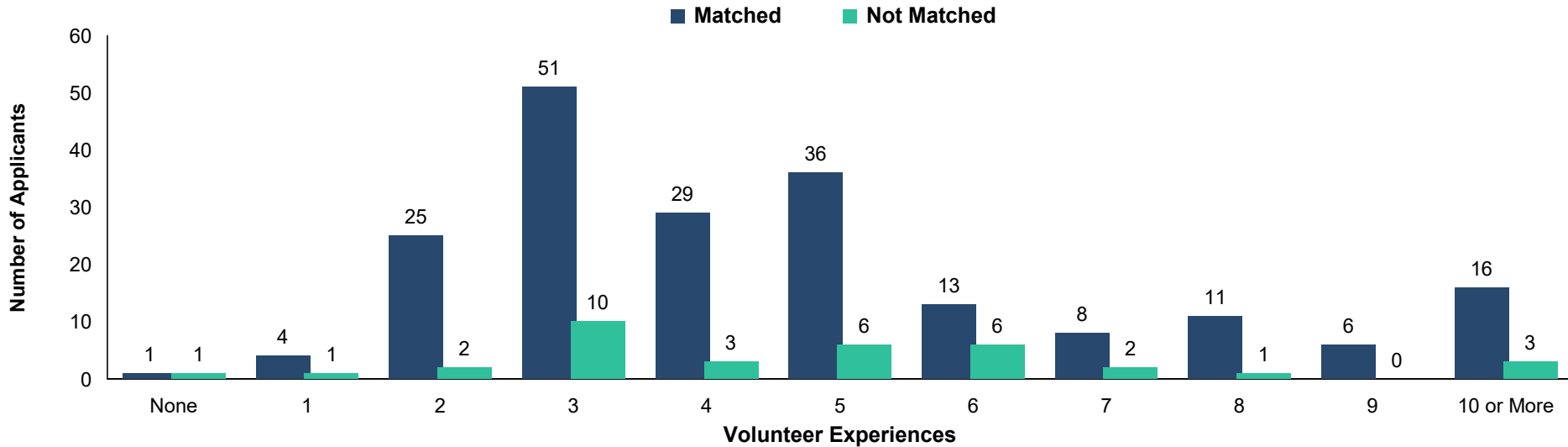


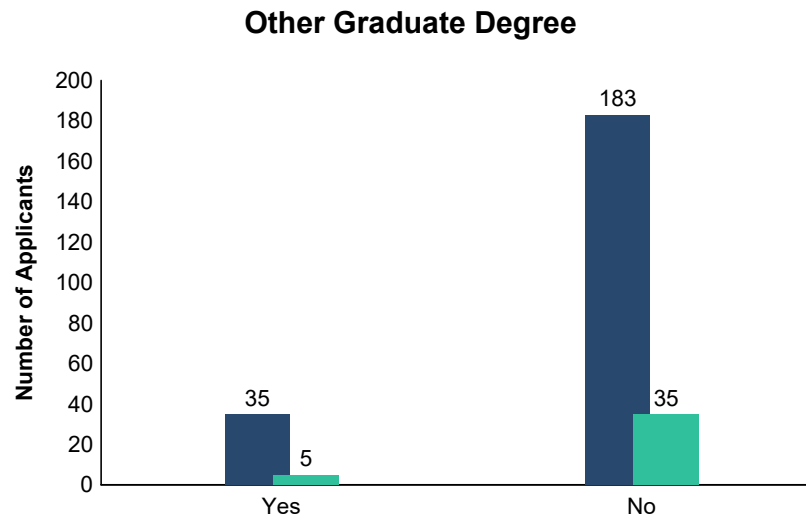
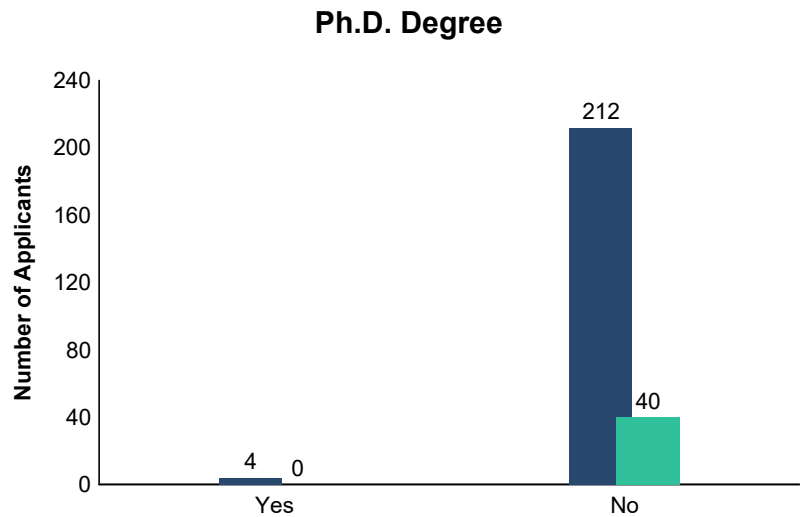
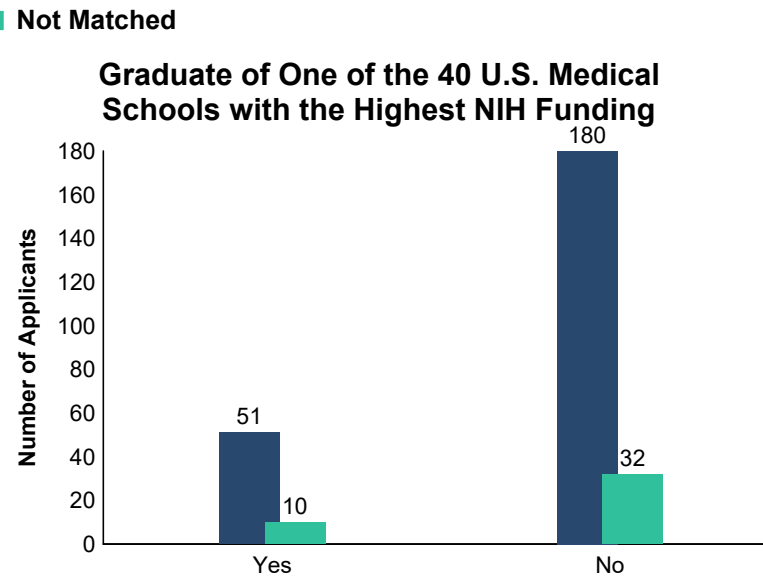
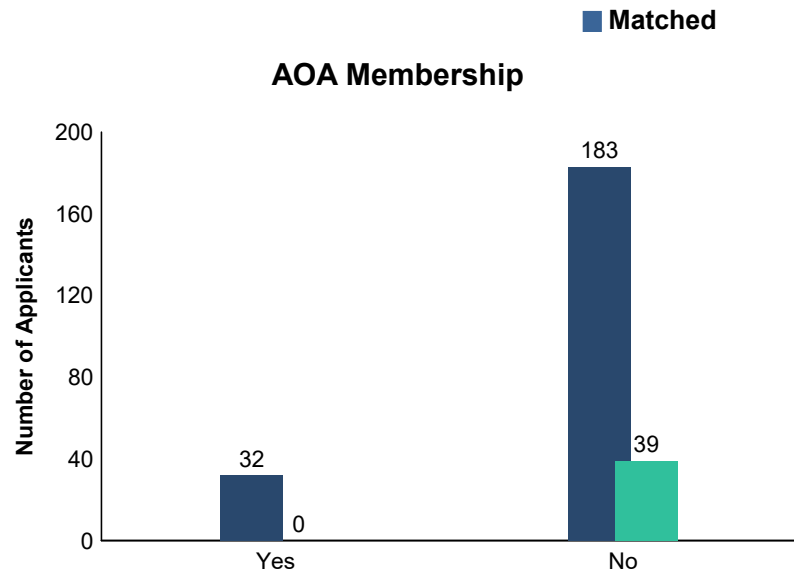
Chart PM-8 Number of Volunteer Experiences of U.S. MD Seniors
Physical Medicine and Rehabilitation



Source: NRMP Data Warehouse

**Chart
PM-9**

Other Characteristics of U.S. MD Seniors
Physical Medicine and Rehabilitation



Source: NRMP Data Warehouse. Top 40 U.S. medical schools with the highest NIH funding from NIH: <http://report.nih.gov/award/index.cfm>

PS Plastic Surgery

Table PS-1 **Summary Statistics on U.S. MD Seniors**
Plastic Surgery

Measure	Matched (n=159)	Unmatched (n=48)
1. Mean number of contiguous ranks	13.6	7.4
2. Mean number of distinct specialties ranked	1.2	1.4
3. Mean USMLE Step 1 score*	247	226
4. Mean USMLE Step 2 score	256	247
5. Mean number of research experiences	8.6	9.2
6. Mean number of abstracts, presentations, and publications	34.7	26.3
7. Mean number of work experiences	2.7	2.4
8. Mean number of volunteer experiences	5.0	4.9
9. Percentage who are AOA members	35.8	18.8
10. Percentage who graduated from one of the 40 U.S. medical schools with the highest NIH funding	44.7	31.3
11. Percentage who have Ph.D. degree	3.4	2.1
12. Percentage who have another graduate degree	24.0	27.1

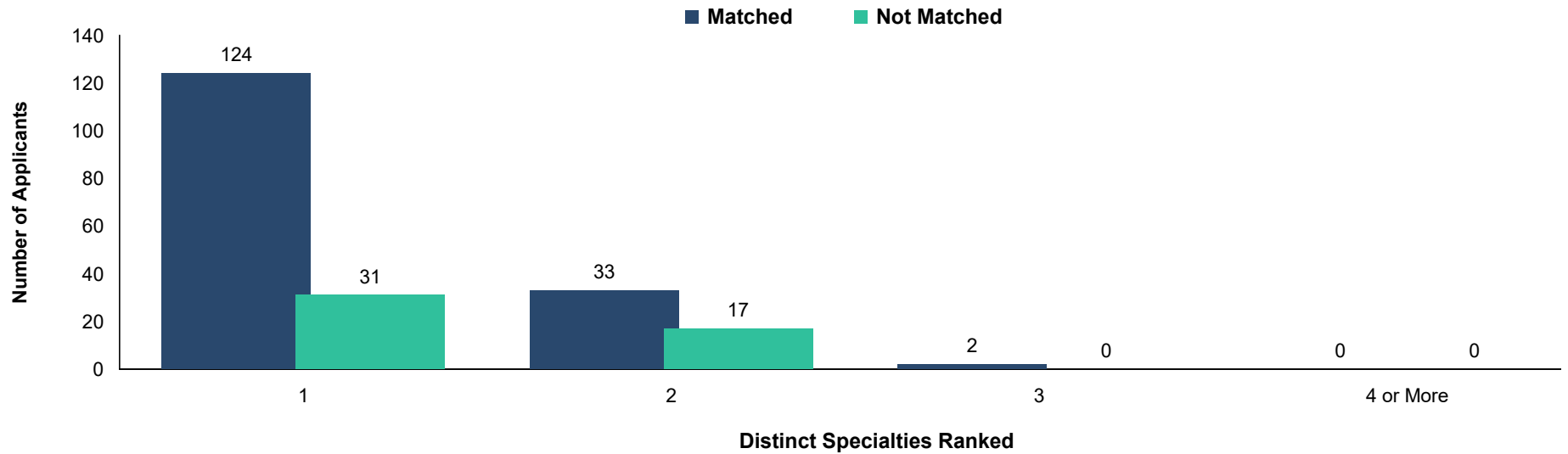
Note: Only U.S. MD seniors who gave consent to use their information in research are included.

*Only applicants who indicated completion of the USMLE Step 1 exam prior to the transition to pass/fail (i.e., prior to January 26, 2022) had the option to self-report their Step 1 numeric score. In 2024, only 2,143 U.S. MD seniors self-reported Step 1 numeric scores.

Sources. NRMP Data Warehouse; Top 40 U.S. medical schools with the highest NIH funding in measure 10 is from the NIH website (<http://report.nih.gov/award/index.cfm>).

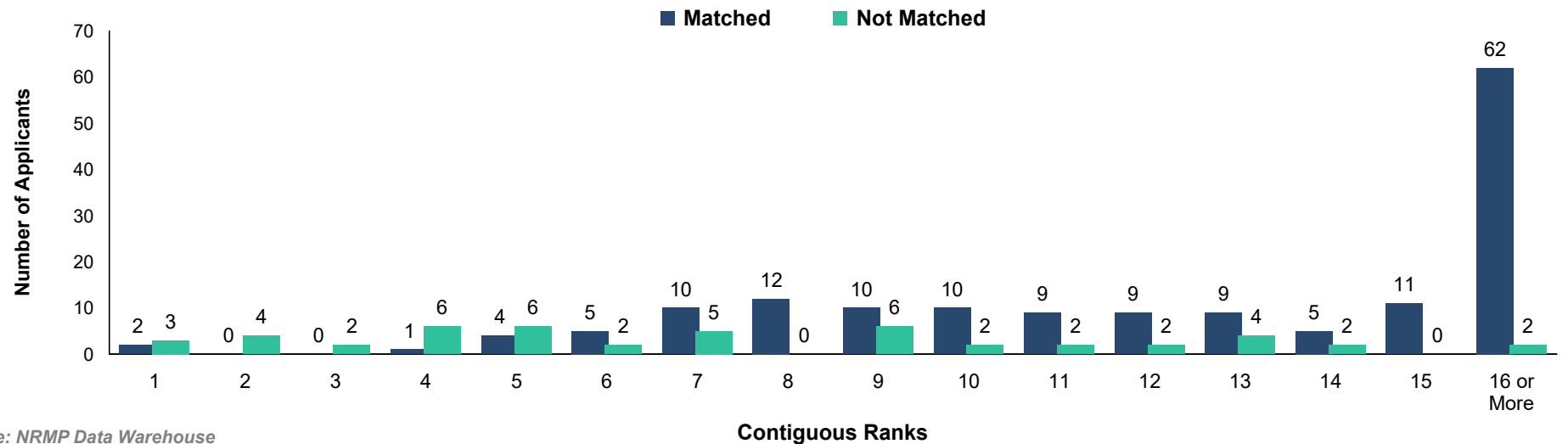
**Chart
PS-1**

**Number of Distinct Specialties Ranked by U.S. MD Seniors
Plastic Surgery**



**Chart
PS-2**

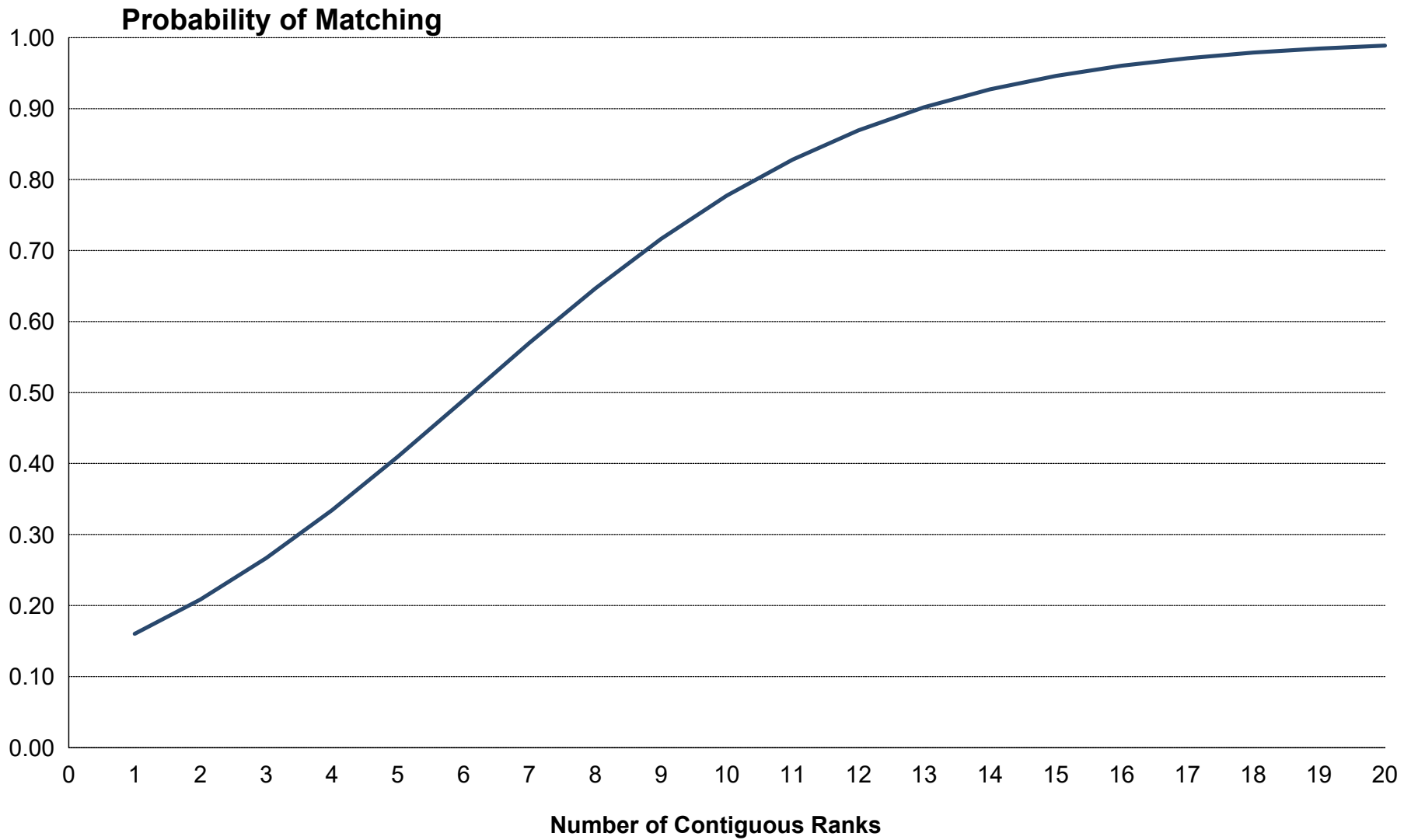
**Number of Contiguous Ranks of U.S. MD Seniors
Plastic Surgery**



Source: NRMP Data Warehouse

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

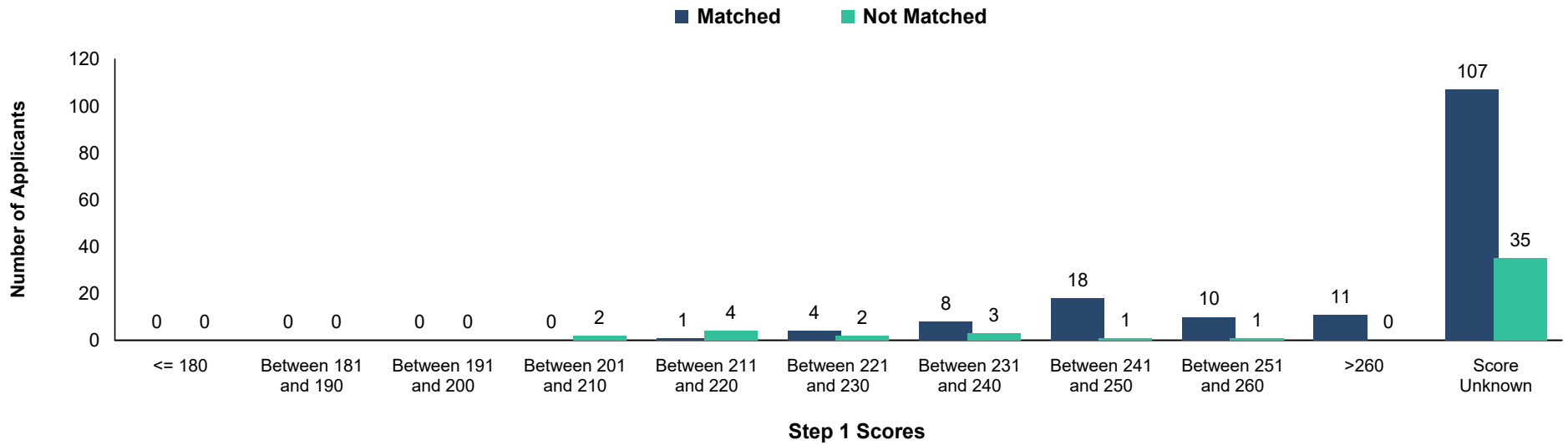
Plastic Surgery



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants

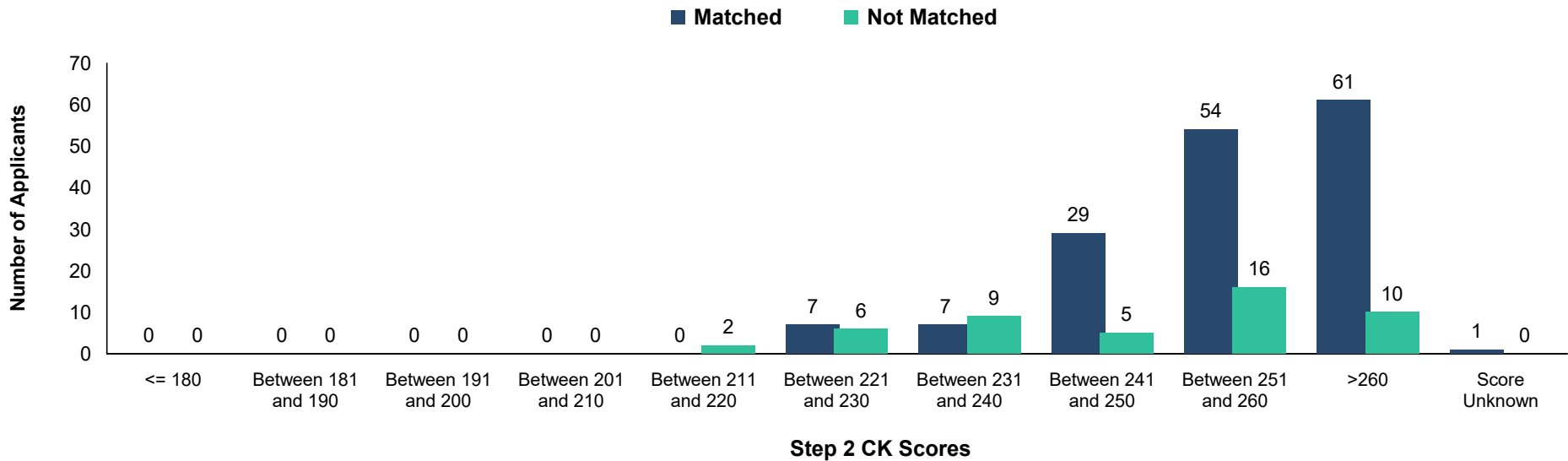
**Chart
PS-3**

**USMLE Step 1 Scores of U.S. MD Seniors
Plastic Surgery**



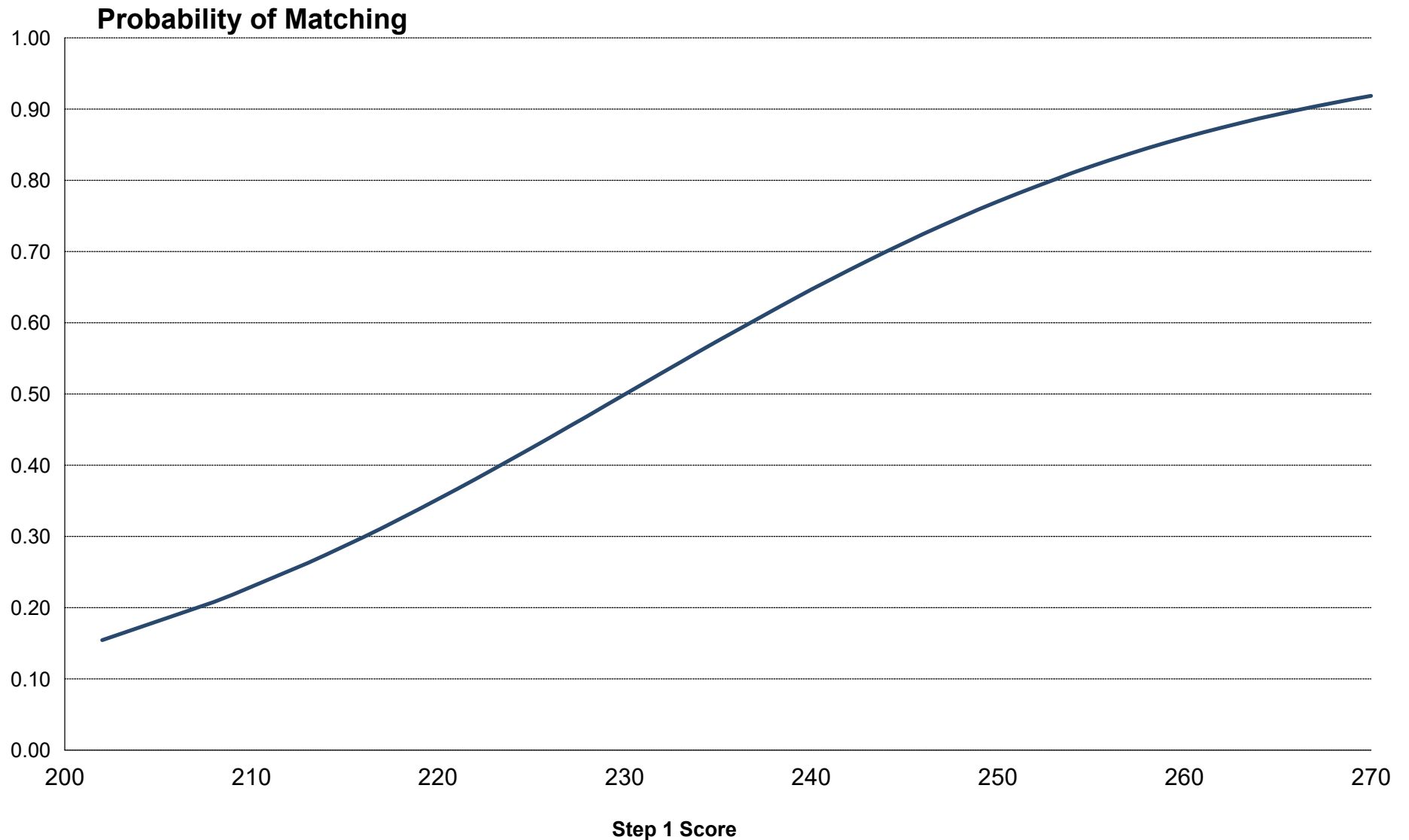
**Chart
PS-4**

**USMLE Step 2 CK Scores of U.S. MD Seniors
Plastic Surgery**



Probability of U.S. MD Seniors Matching to Preferred Specialty by USMLE Step 1 Score

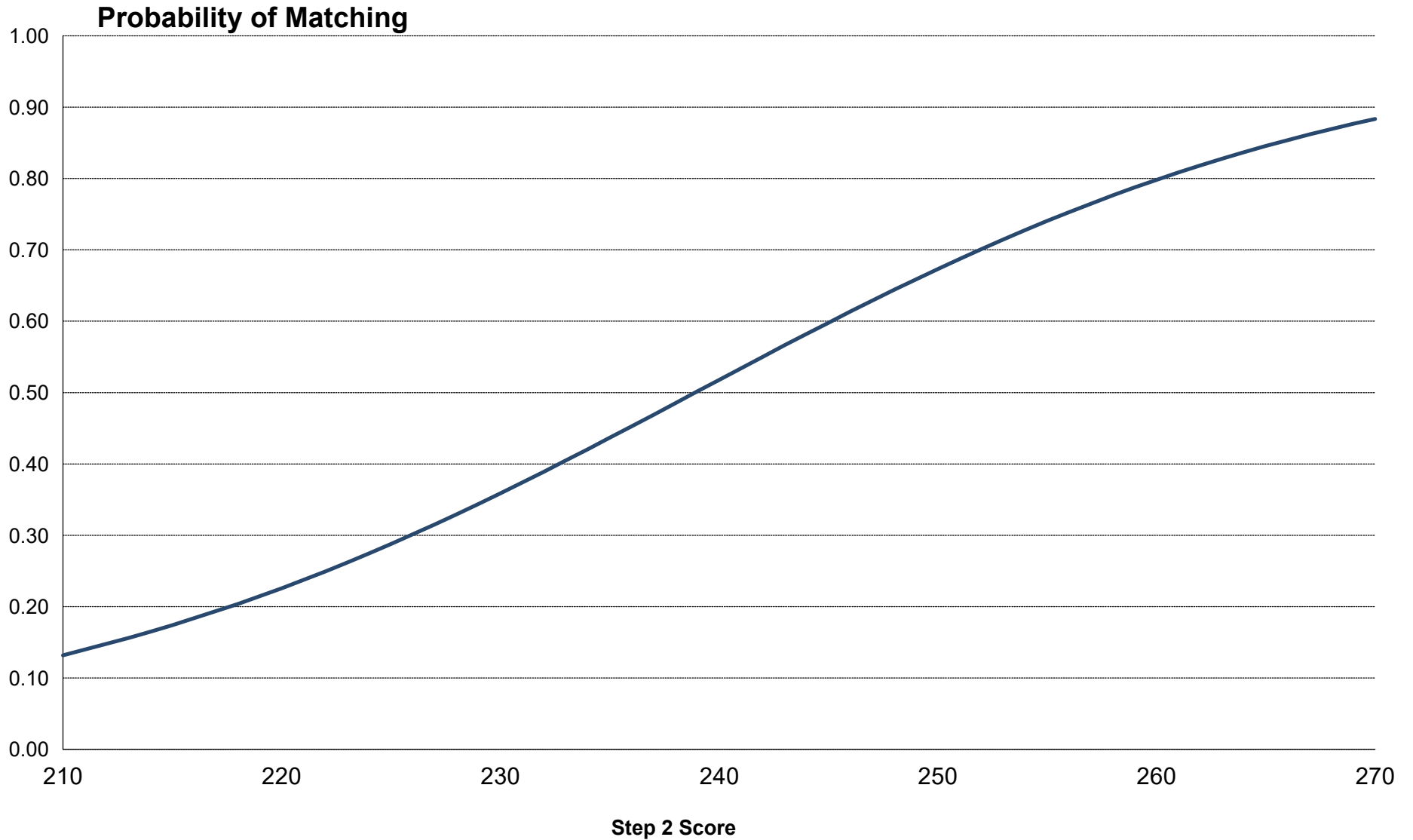
Plastic Surgery



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants.

Probability of U.S. MD Seniors Matching to Preferred Specialty by USMLE Step 2 Score

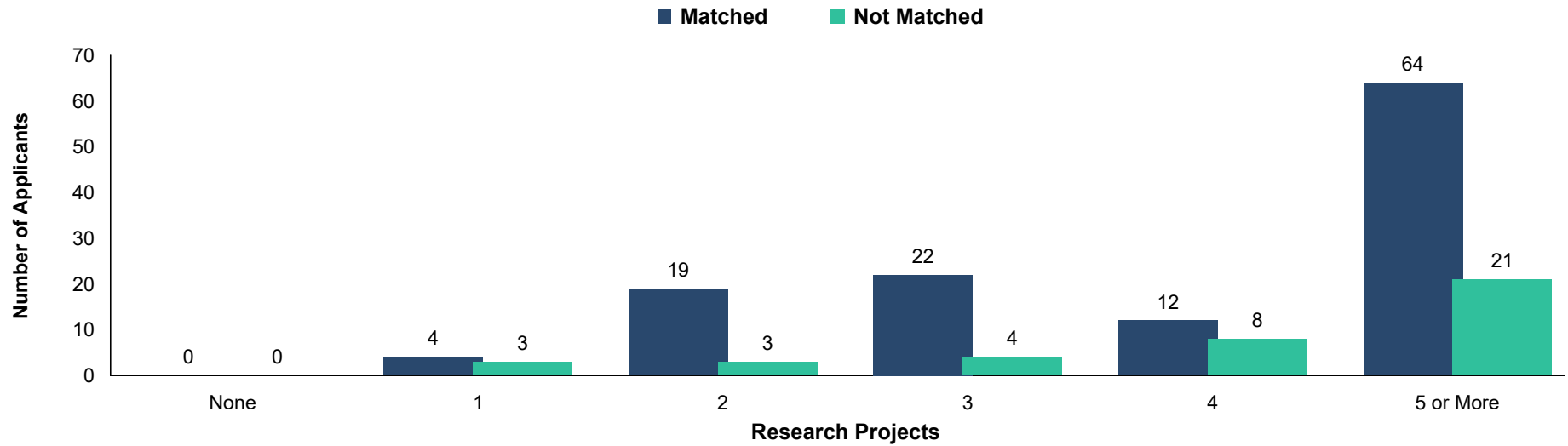
Plastic Surgery



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants.

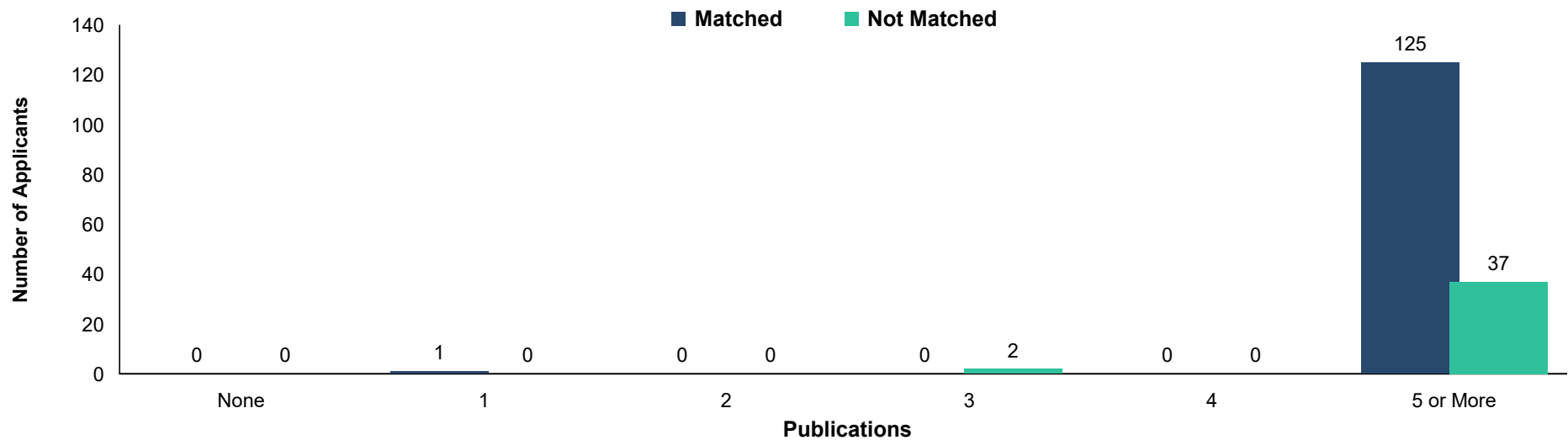
**Chart
PS-5**

Number of Research Projects of U.S. MD Seniors *Plastic Surgery*



**Chart
PS-6**

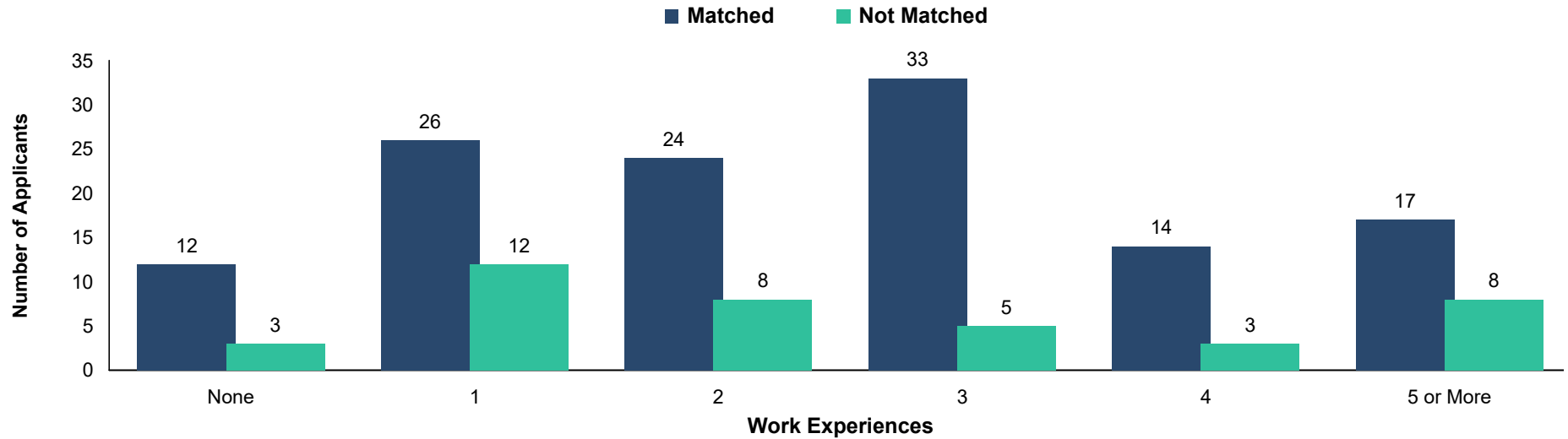
Number of Abstracts, Presentations, and Publications of U.S. MD Seniors *Plastic Surgery*



Source: NRMP Data Warehouse

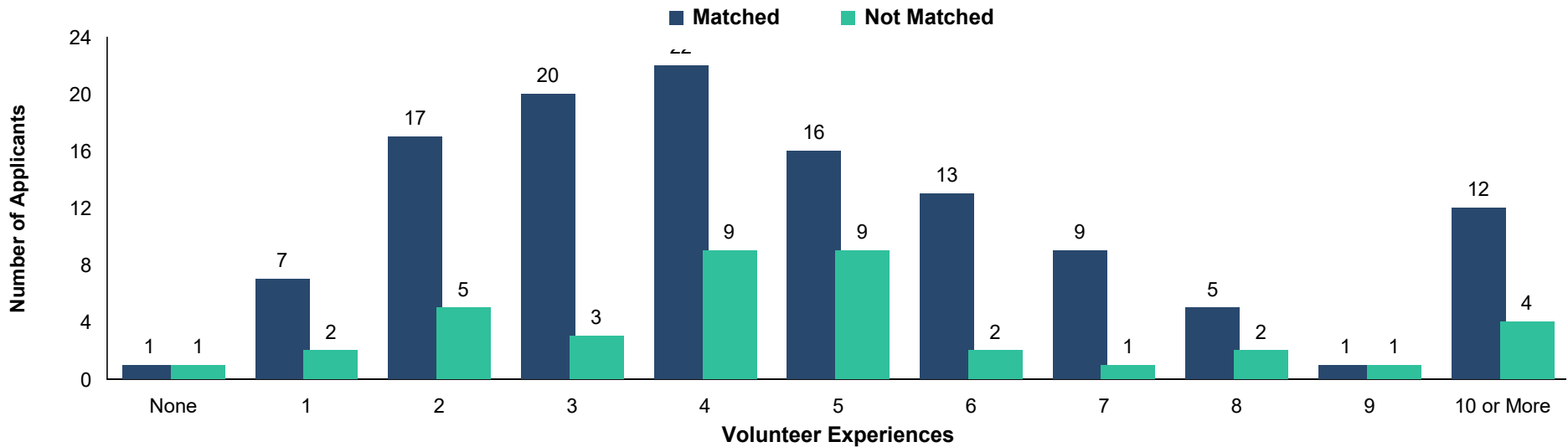
**Chart
PS-7**

**Number of Work Experiences of U.S. MD Seniors
Plastic Surgery**



**Chart
PS-8**

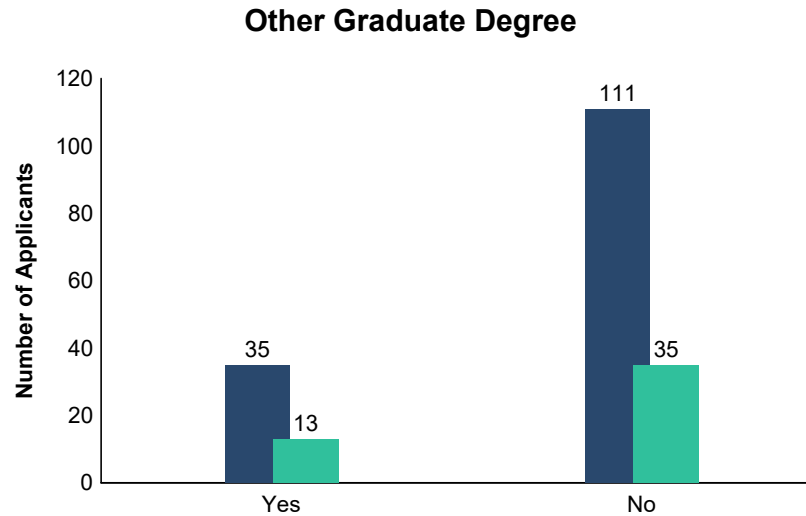
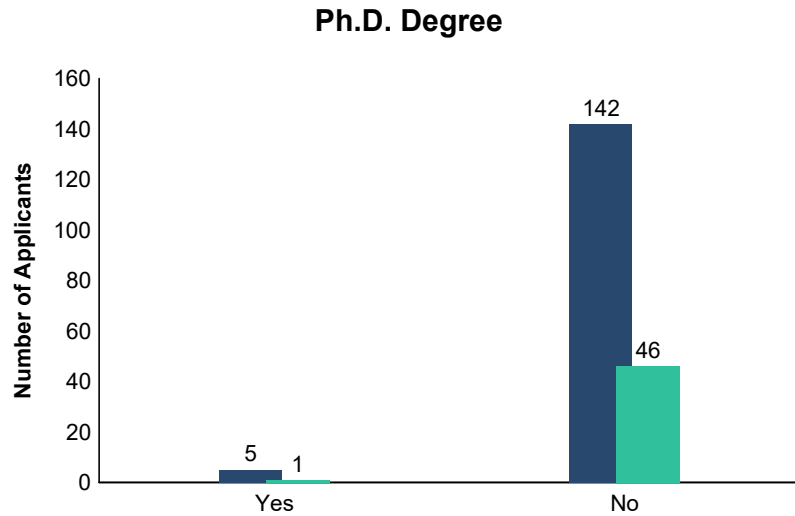
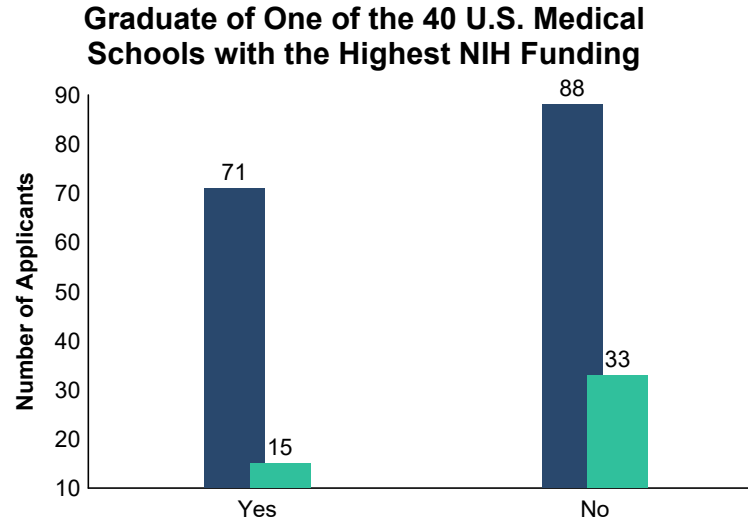
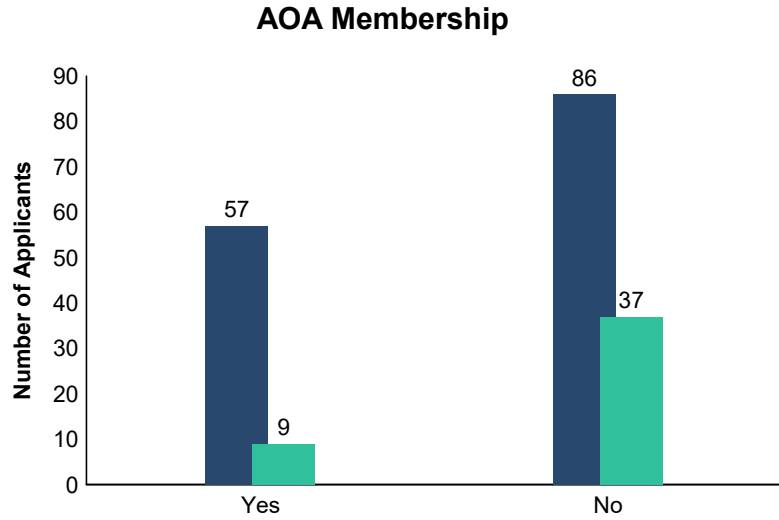
**Number of Volunteer Experiences of U.S. MD Seniors
Plastic Surgery**



Source: NRMP Data Warehouse

Other Characteristics of U.S. MD Seniors
Plastic Surgery

■ Matched ■ Not Matched



Source: NRMP Data Warehouse. Top 40 U.S. medical schools with the highest NIH funding from NIH: <http://report.nih.gov/award/index.cfm>

P **Psychiatry**

Table P-1 **Summary Statistics on U.S. MD Seniors**
Psychiatry

Measure	Matched (n=1,051)	Unmatched (n=123)
1. Mean number of contiguous ranks	11.5	5.2
2. Mean number of distinct specialties ranked	1.1	1.3
3. Mean USMLE Step 1 score*	226	216
4. Mean USMLE Step 2 score	246	235
5. Mean number of research experiences	3.0	3.1
6. Mean number of abstracts, presentations, and publications	7.5	4.6
7. Mean number of work experiences	1.9	2.1
8. Mean number of volunteer experiences	4.5	4.0
9. Percentage who are AOA members	9.2	1.6
10. Percentage who graduated from one of the 40 U.S. medical schools with the highest NIH funding	30.4	26.0
11. Percentage who have Ph.D. degree	4.8	2.7
12. Percentage who have another graduate degree	20.5	23.4

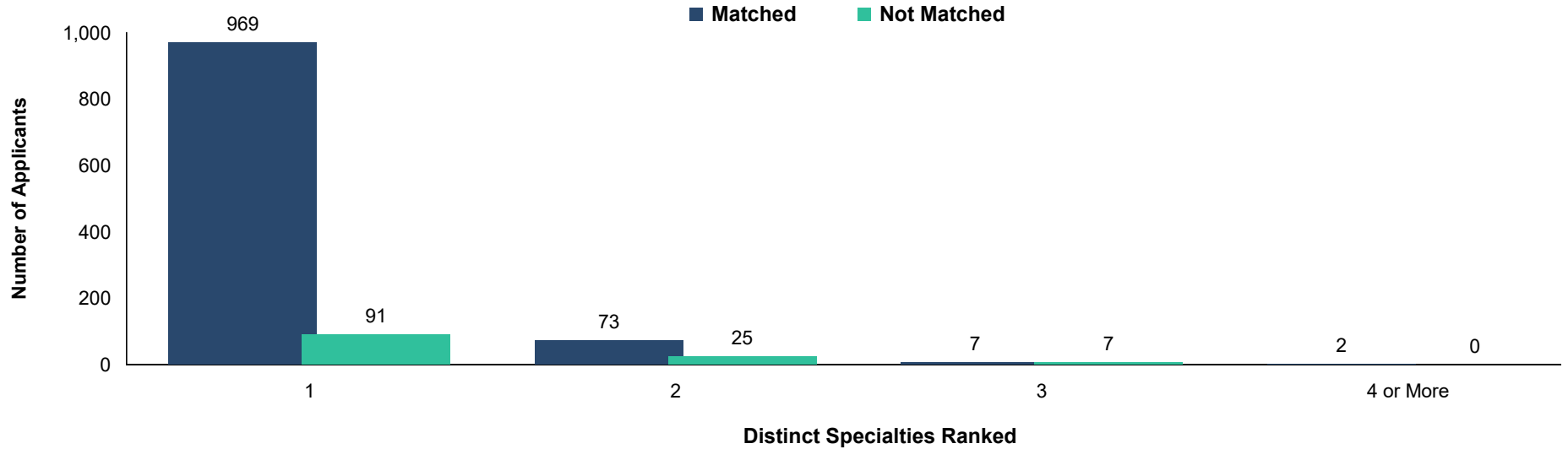
Note: Only U.S. MD seniors who gave consent to use their information in research are included.

*Only applicants who indicated completion of the USMLE Step 1 exam prior to the transition to pass/fail (i.e., prior to January 26, 2022) had the option to self-report their Step 1 numeric score. In 2024, only 2,143 U.S. MD seniors self-reported Step 1 numeric scores.

Sources. NRMP Data Warehouse; Top 40 U.S. medical schools with the highest NIH funding in measure 10 is from the NIH website (<http://report.nih.gov/award/index.cfm>).

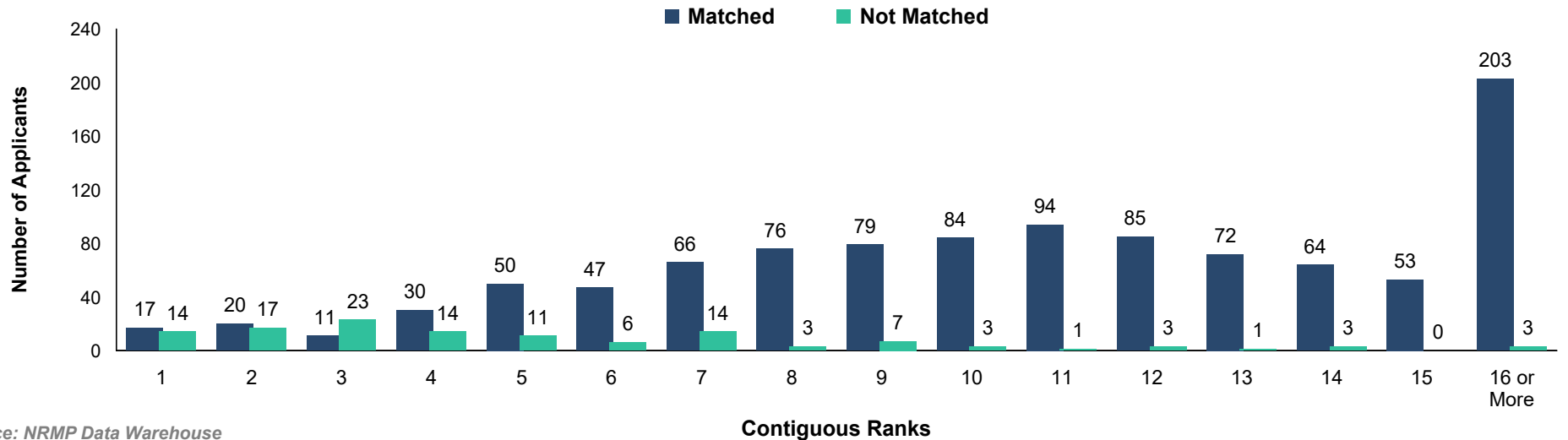
**Chart
P-1**

**Number of Distinct Specialties Ranked by U.S. MD Seniors
Psychiatry**



**Chart
P-2**

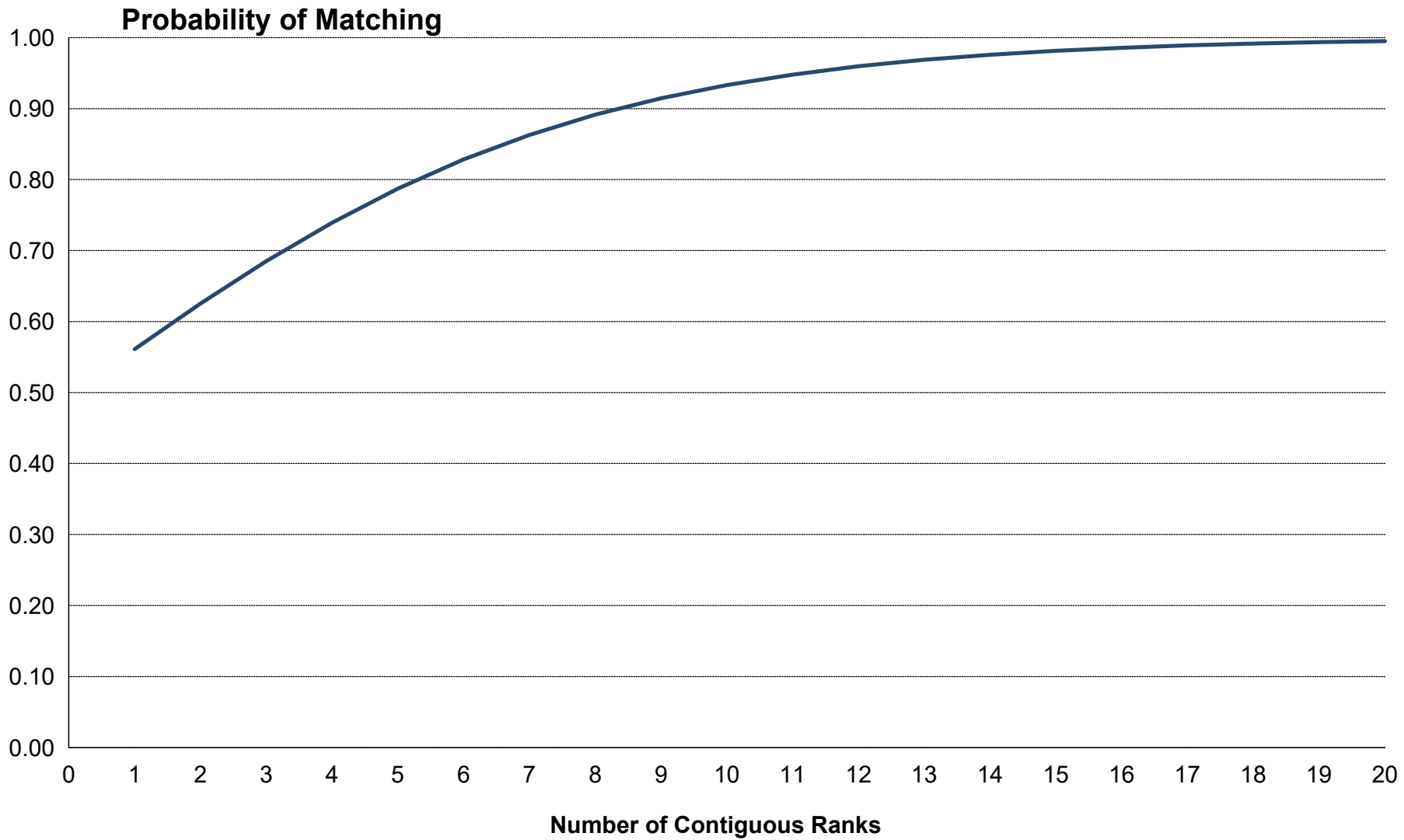
**Number of Contiguous Ranks of U.S. MD Seniors
Psychiatry**



Source: NRMP Data Warehouse

**Graph
P-1**

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



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants

Chart P-3

**USMLE Step 1 Scores of U.S. MD Seniors
Psychiatry**

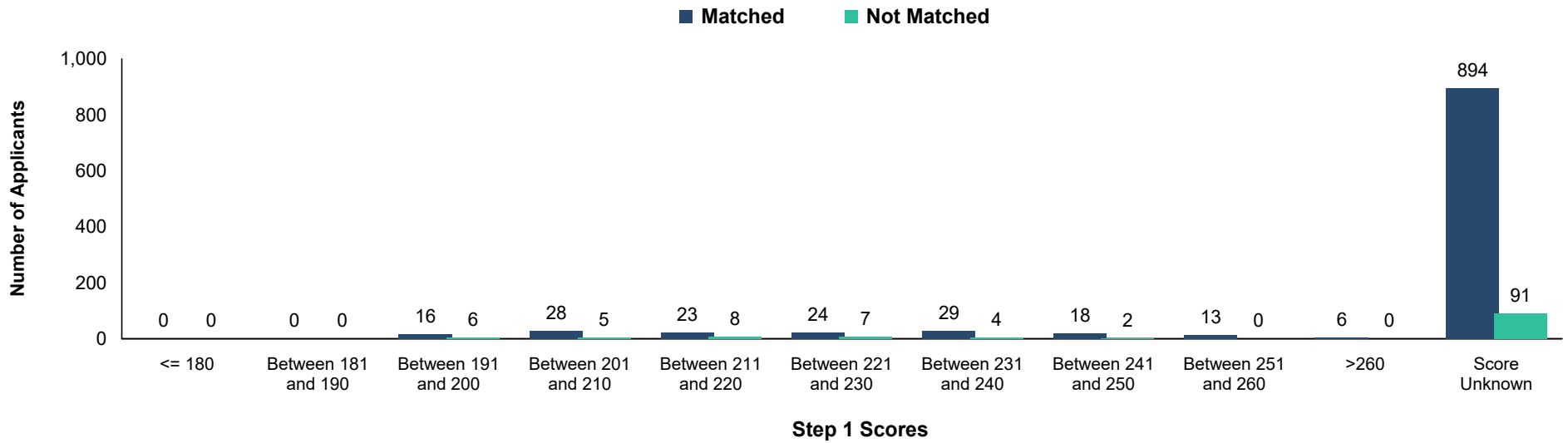
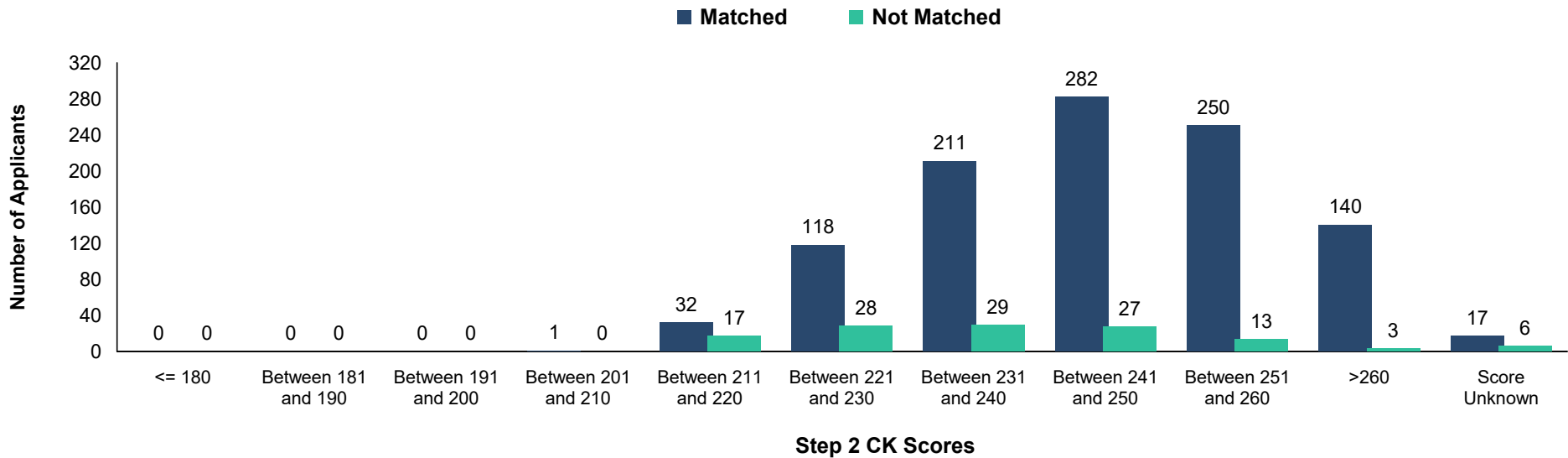


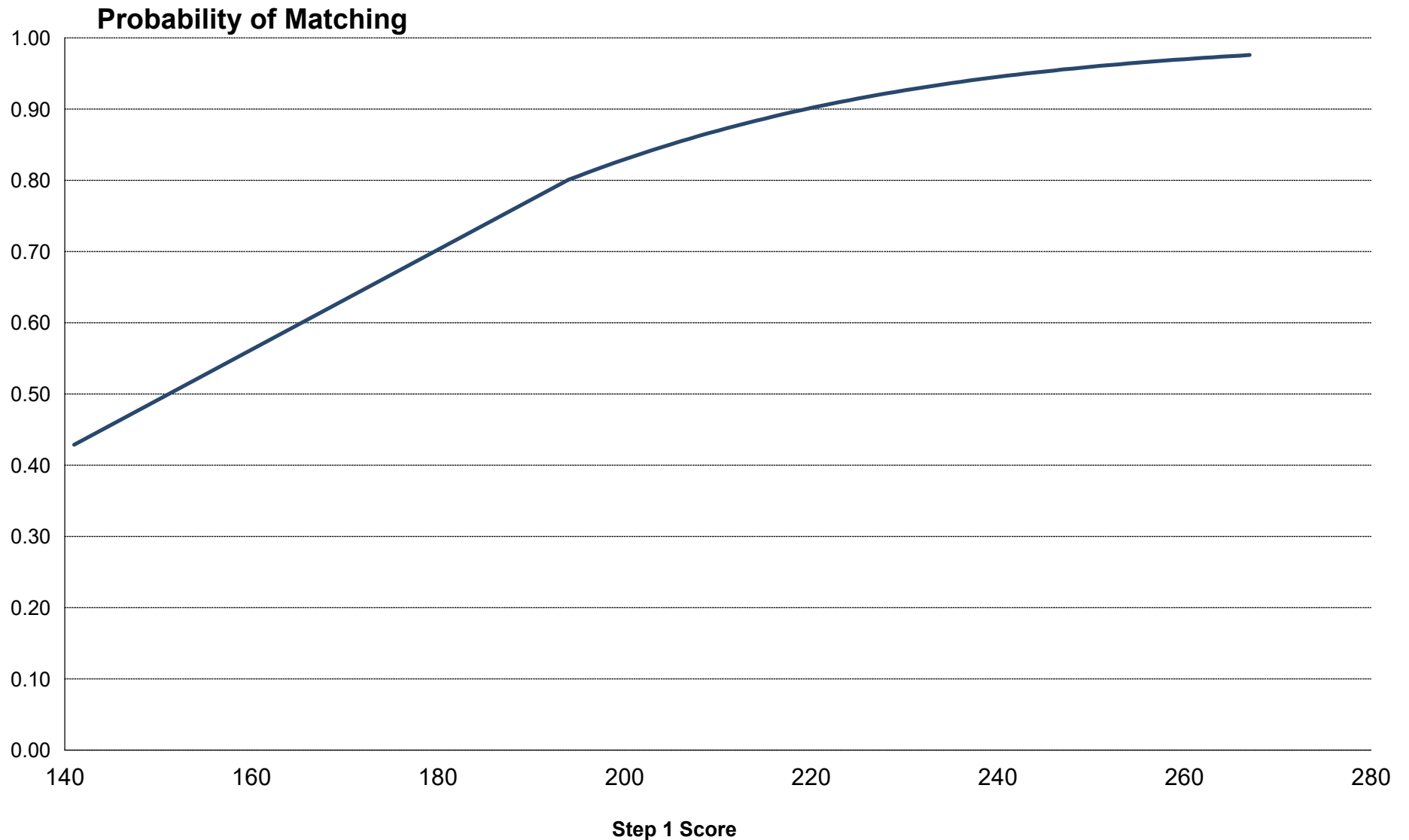
Chart P-4

**USMLE Step 2 CK Scores of U.S. MD Seniors
Psychiatry**



Probability of U.S. MD Seniors Matching to Preferred Specialty by USMLE Step 1 Score

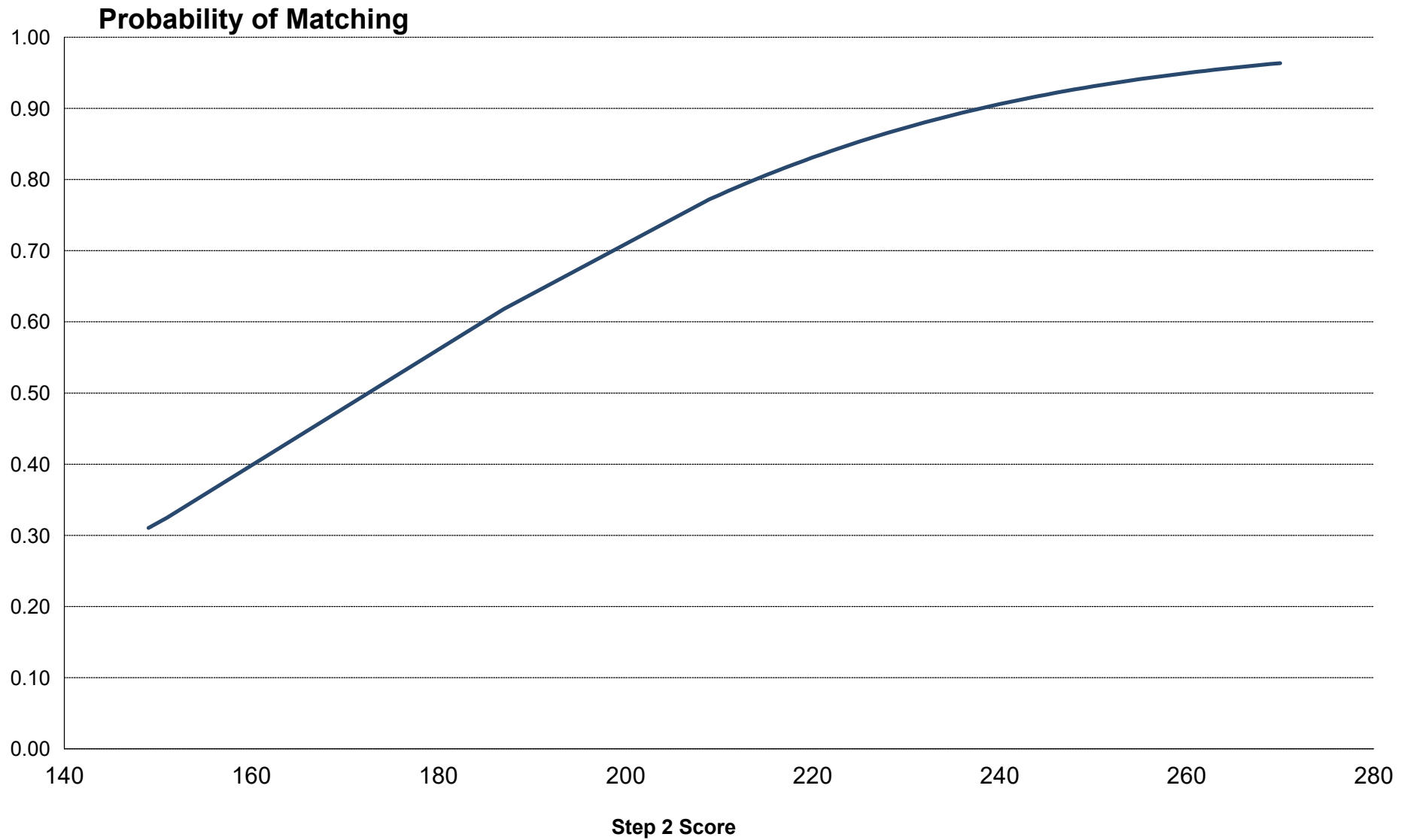
Psychiatry



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants.

Probability of U.S. MD Seniors Matching to Preferred Specialty by USMLE Step 2 Score

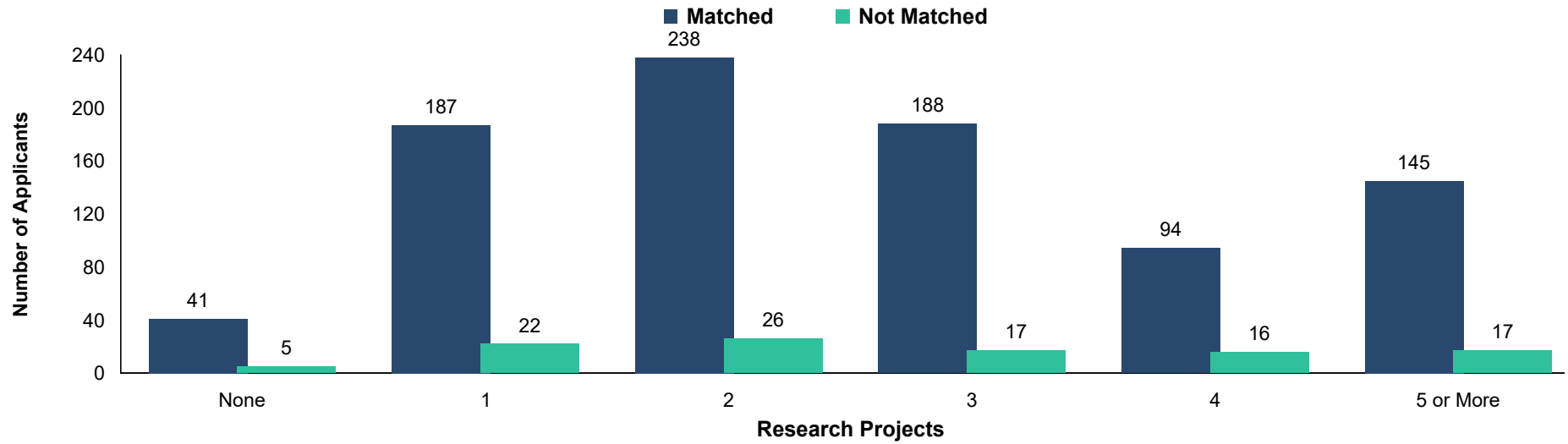
Psychiatry



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants.

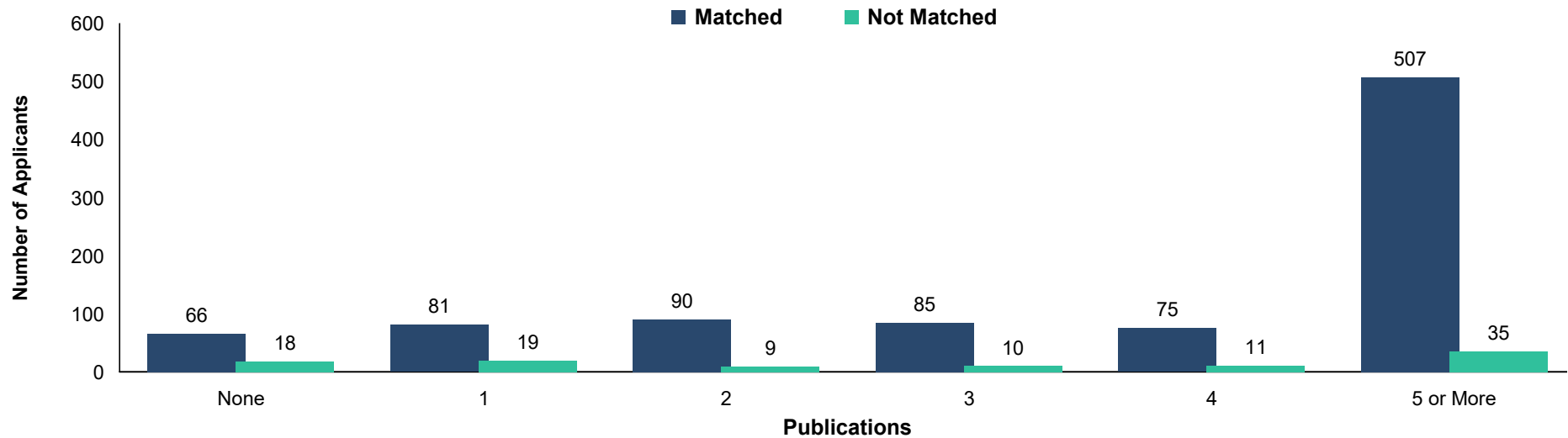
**Chart
P-5**

Number of Research Projects of U.S. MD Seniors *Psychiatry*



**Chart
P-6**

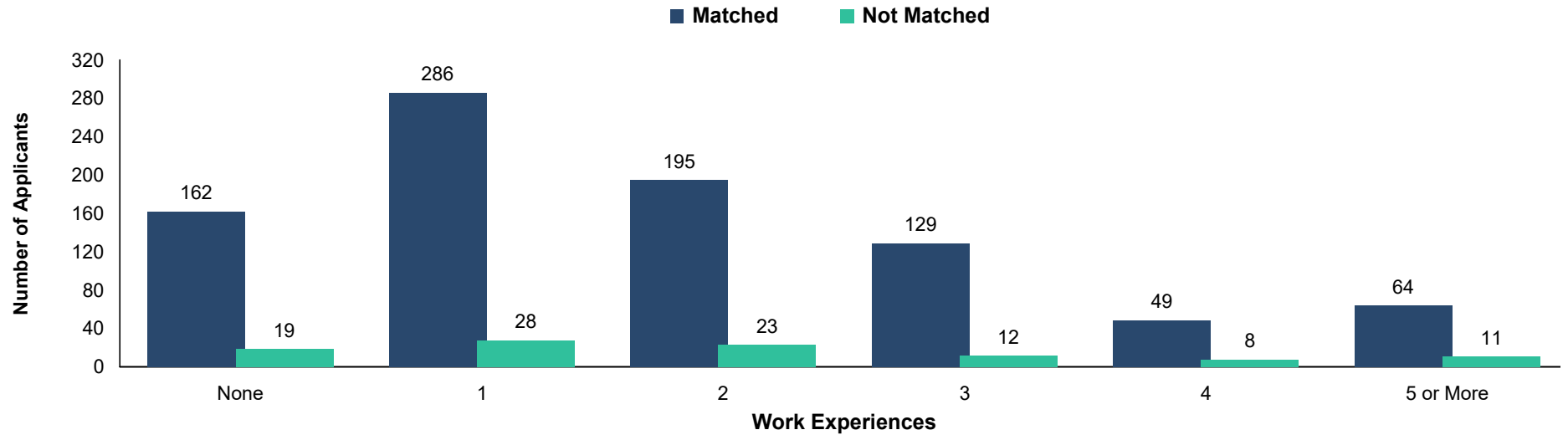
Number of Abstracts, Presentations, and Publications of U.S. MD Seniors *Psychiatry*



Source: NRMP Data Warehouse

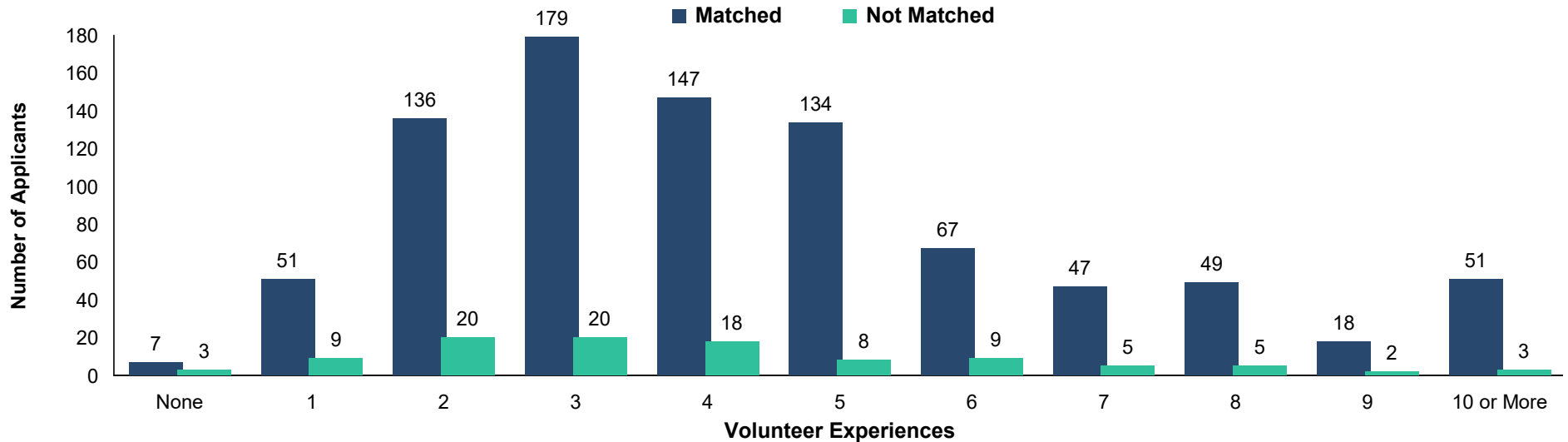
**Chart
P-7**

Number of Work Experiences of U.S. MD Seniors *Psychiatry*



**Chart
P-8**

Number of Volunteer Experiences of U.S. MD Seniors *Psychiatry*

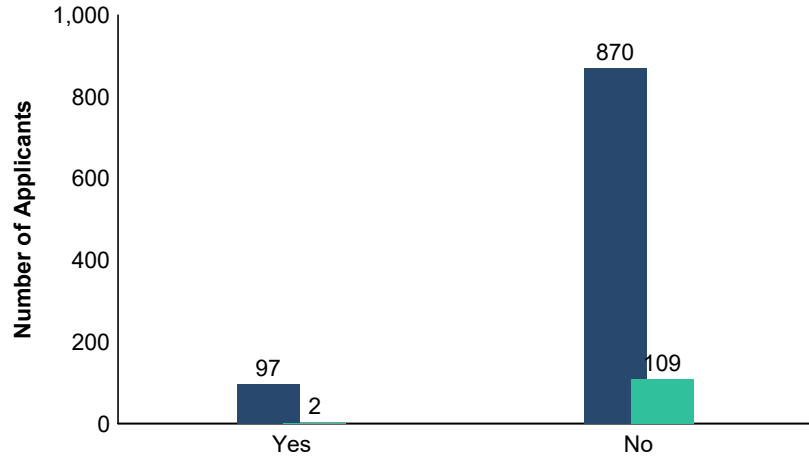


Source: NRMP Data Warehouse

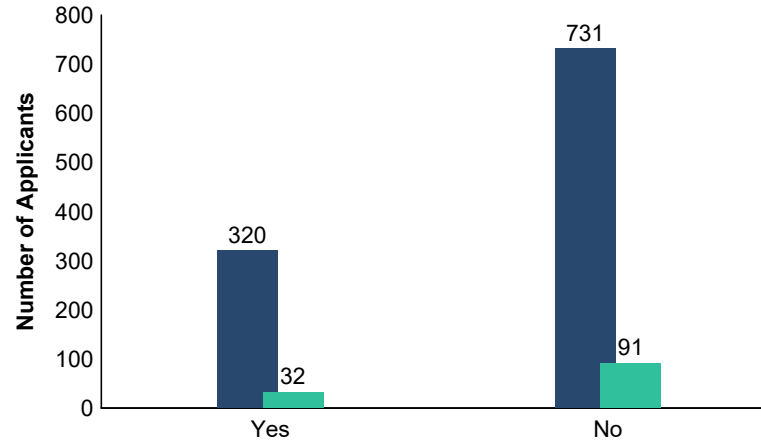
**Other Characteristics of U.S. MD Seniors
Psychiatry**

■ Matched ■ Not Matched

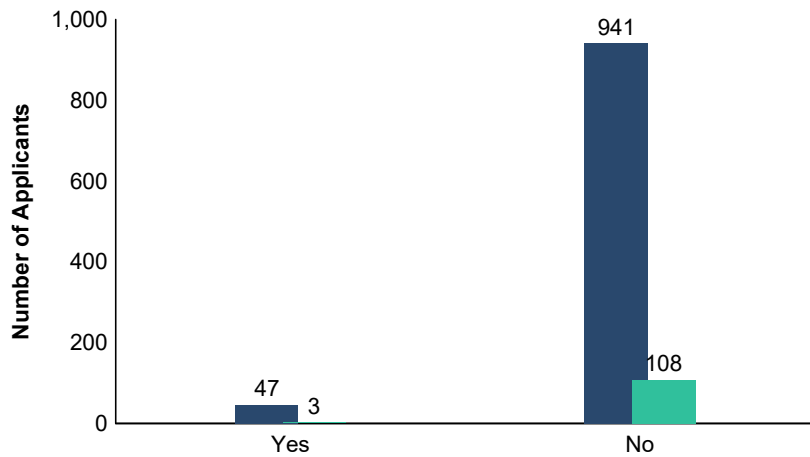
AOA Membership



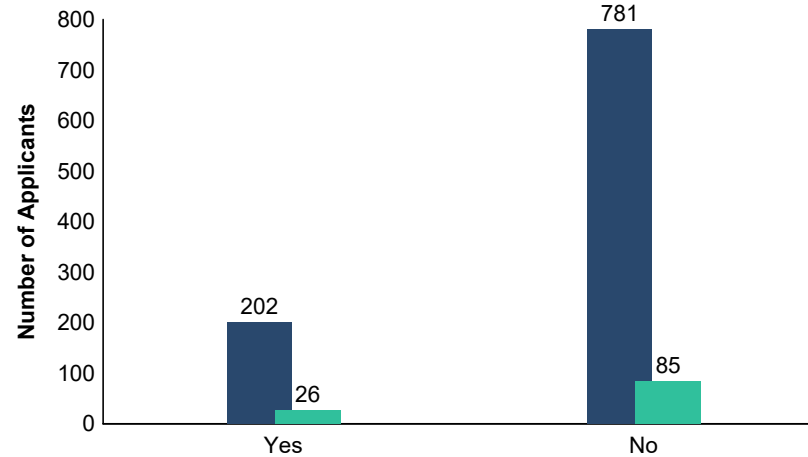
Graduate of One of the 40 U.S. Medical Schools with the Highest NIH Funding



Ph.D. Degree



Other Graduate Degree



Source: NRMP Data Warehouse. Top 40 U.S. medical schools with the highest NIH funding from NIH: <http://report.nih.gov/award/index.cfm>

RO Radiation Oncology

Table RO-1 **Summary Statistics on U.S. MD Seniors**
Radiation Oncology

Measure	Matched (n=103)	Unmatched (n=3)
1. Mean number of contiguous ranks	16.1	1.3
2. Mean number of distinct specialties ranked	1.2	2.3
3. Mean USMLE Step 1 score*	238	
4. Mean USMLE Step 2 score	252	242
5. Mean number of research experiences	4.2	2.0
6. Mean number of abstracts, presentations, and publications	15.9	13.5
7. Mean number of work experiences	1.6	2.0
8. Mean number of volunteer experiences	3.9	2.0
9. Percentage who are AOA members	15.5	0.0
10. Percentage who graduated from one of the 40 U.S. medical schools with the highest NIH funding	34.0	33.3
11. Percentage who have Ph.D. degree	14.4	100.0
12. Percentage who have another graduate degree	16.8	100.0

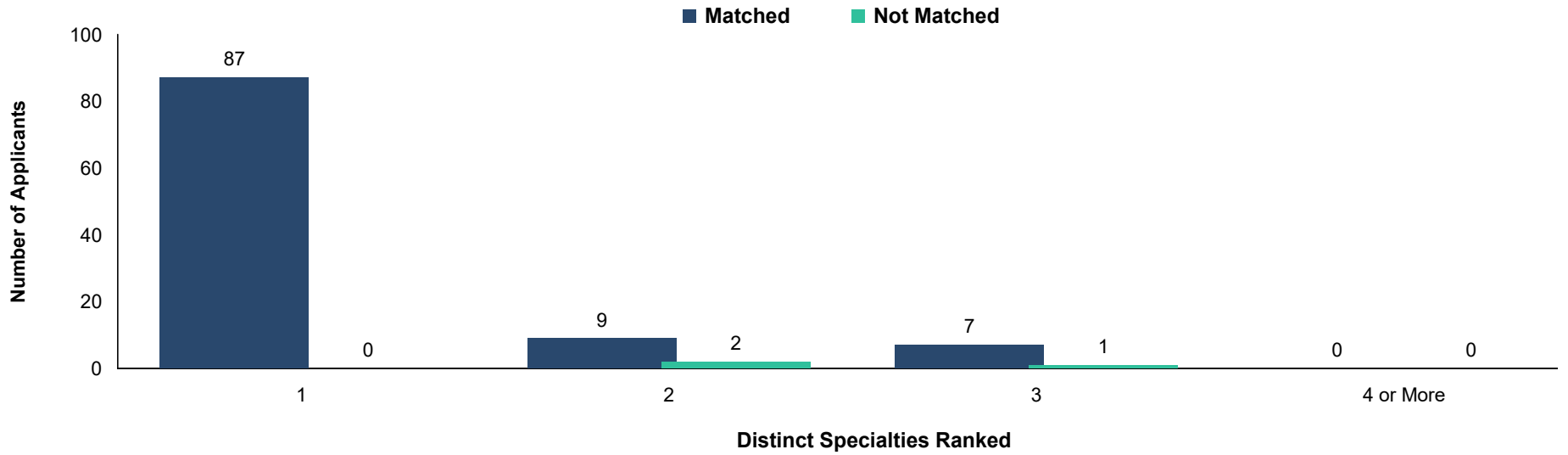
Note: Only U.S. MD seniors who gave consent to use their information in research are included.

*Only applicants who indicated completion of the USMLE Step 1 exam prior to the transition to pass/fail (i.e., prior to January 26, 2022) had the option to self-report their Step 1 numeric score. In 2024, only 2,143 U.S. MD seniors self-reported Step 1 numeric scores.

Sources. NRMP Data Warehouse; Top 40 U.S. medical schools with the highest NIH funding in measure 10 is from the NIH website (<http://report.nih.gov/award/index.cfm>).

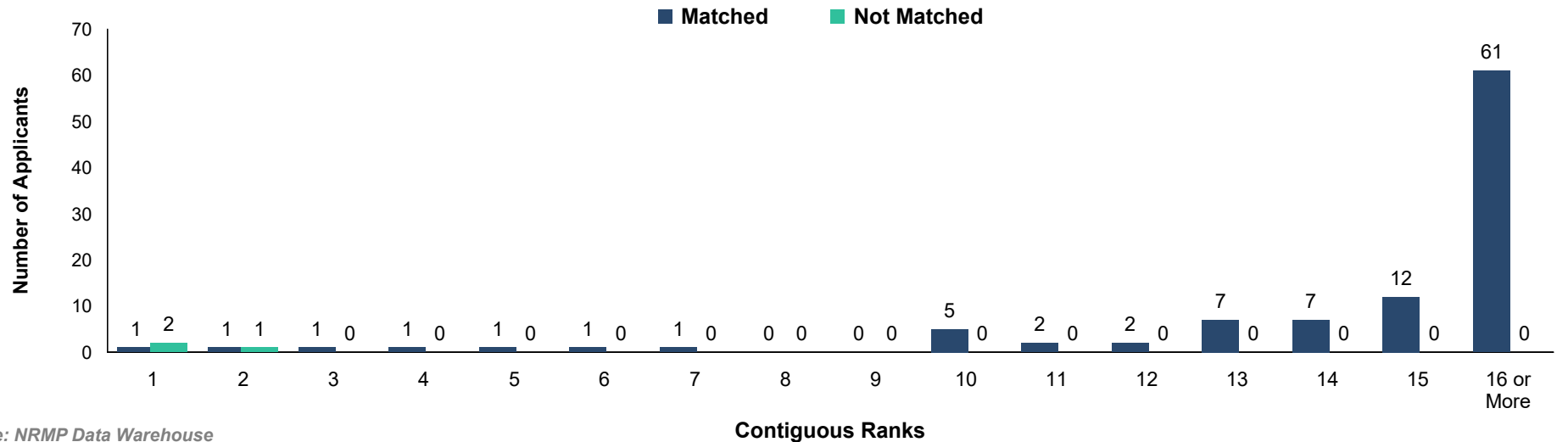
**Chart
RO-1**

**Number of Distinct Specialties Ranked by U.S. MD Seniors
Radiation Oncology**



**Chart
RO-2**

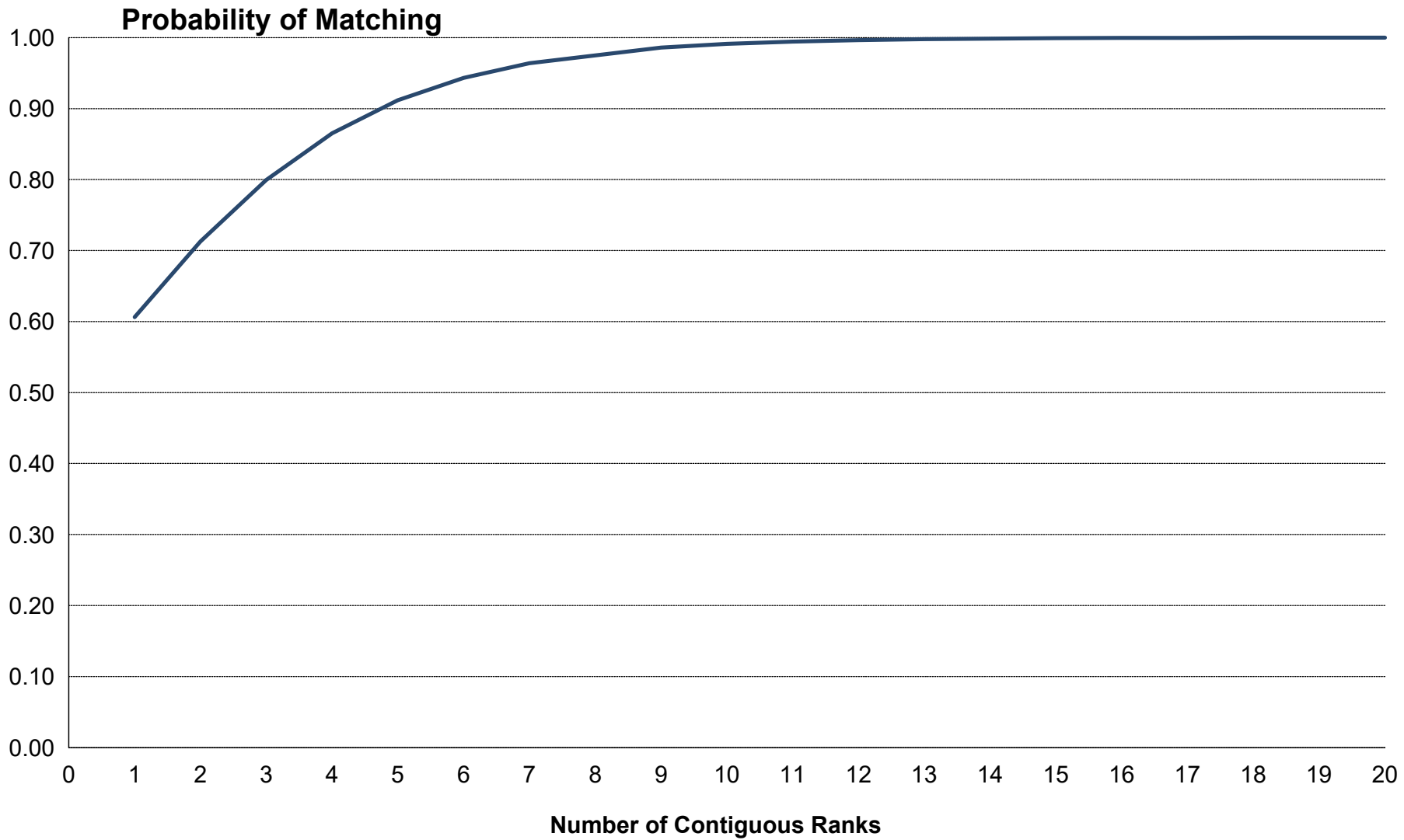
**Number of Contiguous Ranks of U.S. MD Seniors
Radiation Oncology**



Source: NRMP Data Warehouse

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

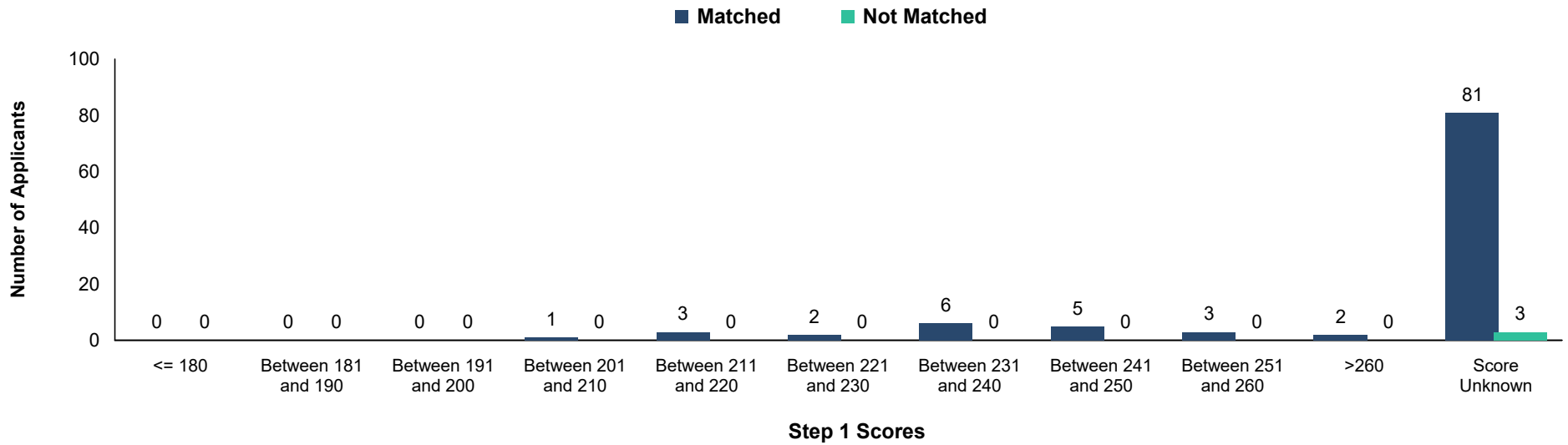
Radiation Oncology



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants

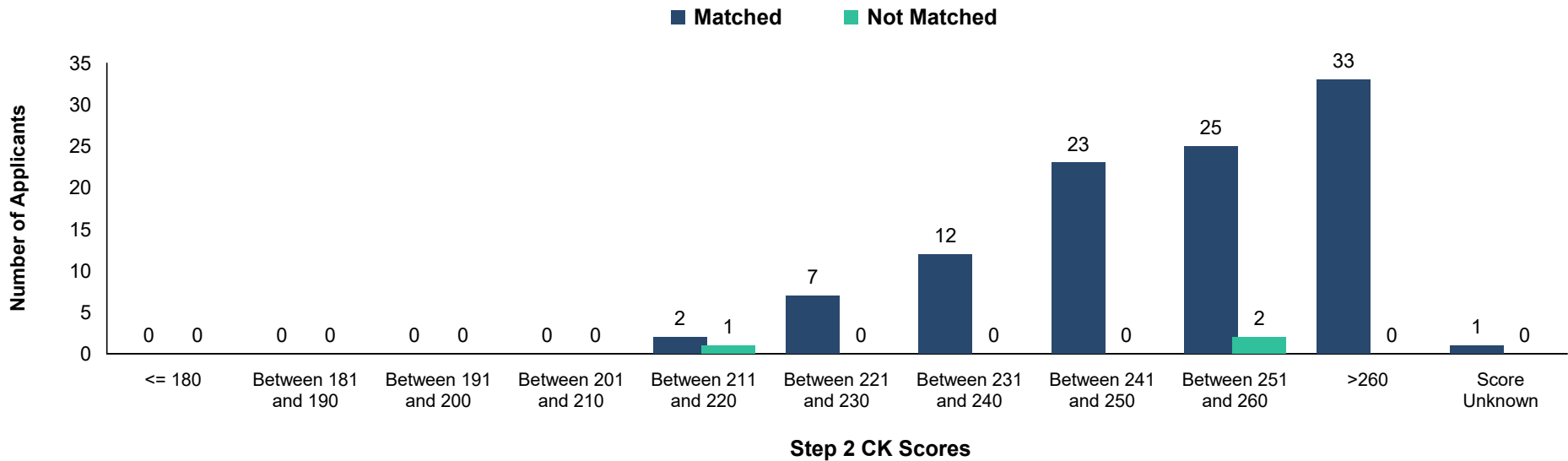
**Chart
RO-3**

USMLE Step 1 Scores of U.S. MD Seniors
Radiation Oncology



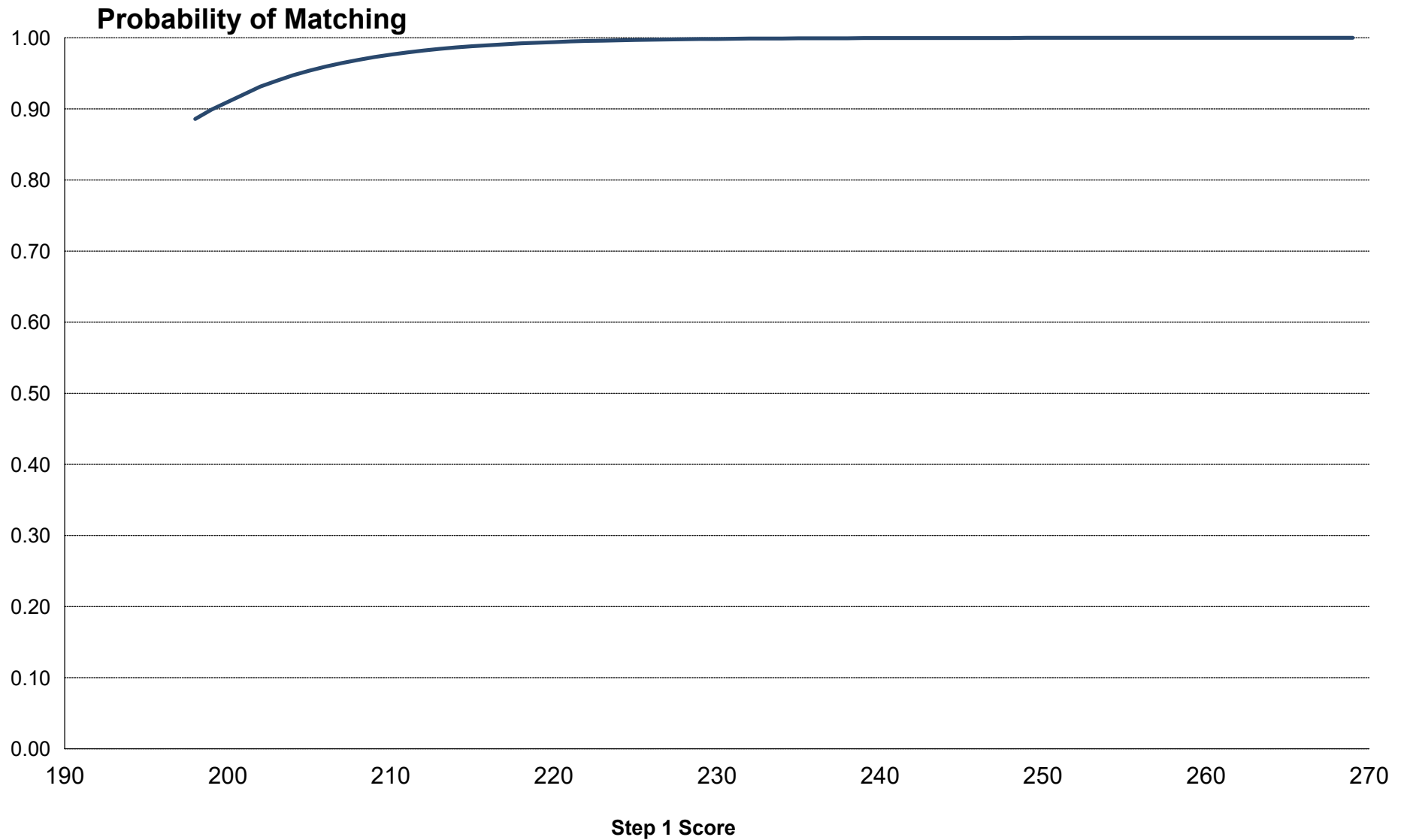
**Chart
RO-4**

USMLE Step 2 CK Scores of U.S. MD Seniors
Radiation Oncology



Probability of U.S. MD Seniors Matching to Preferred Specialty by USMLE Step 1 Score

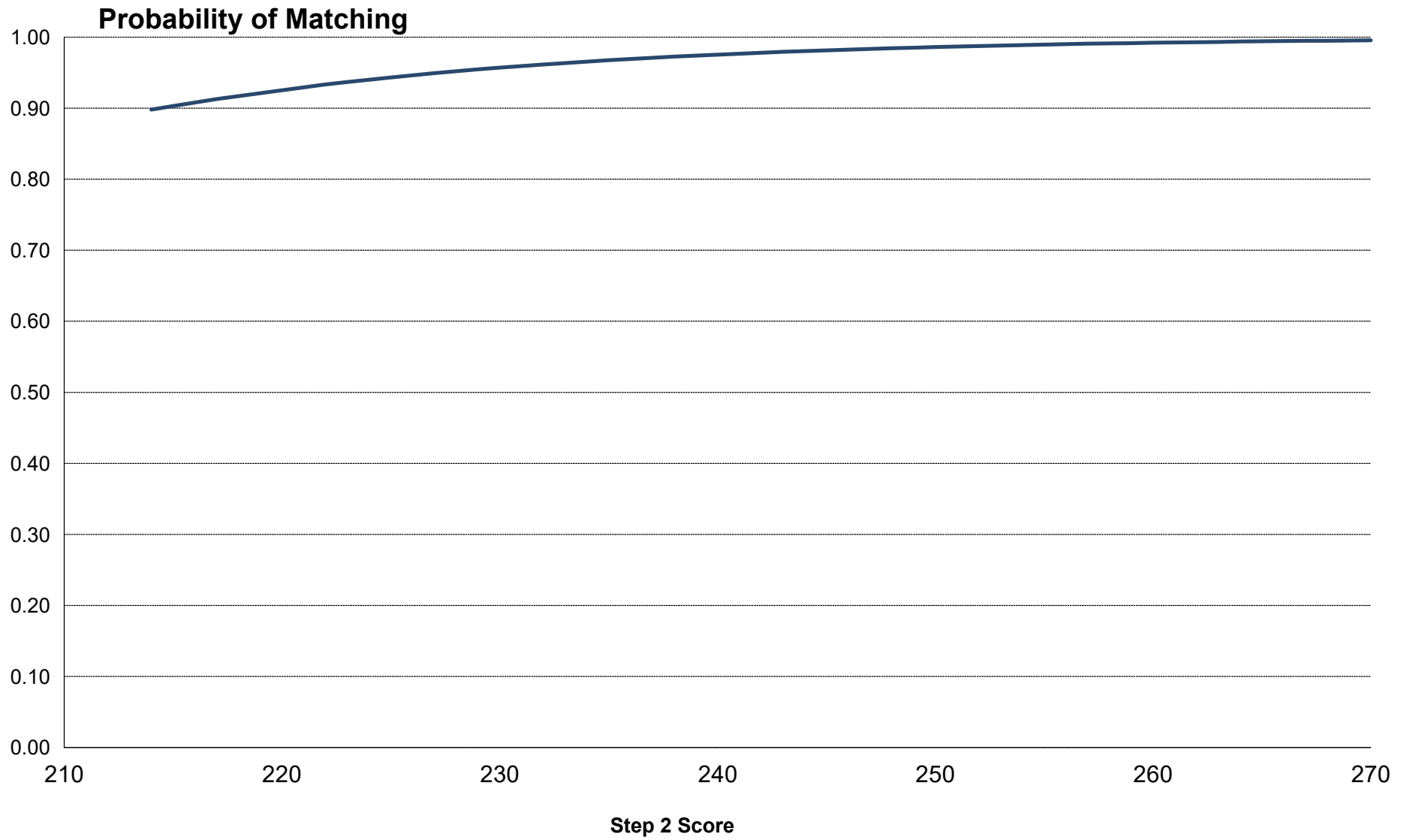
Radiation Oncology



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants.

Probability of U.S. MD Seniors Matching to Preferred Specialty by USMLE Step 2 Score

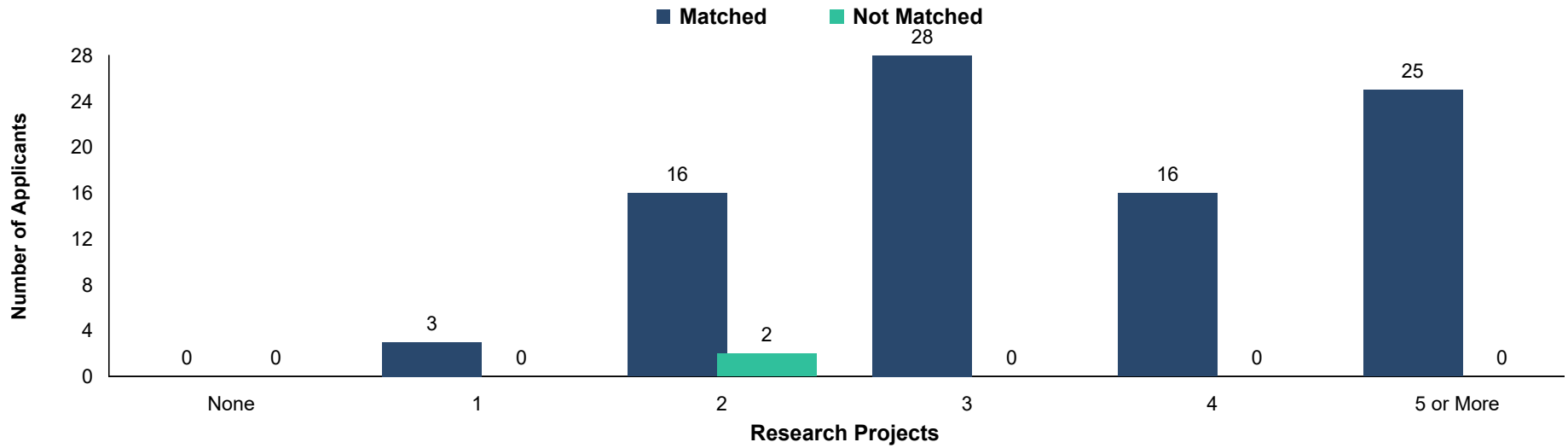
Radiation Oncology



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants.

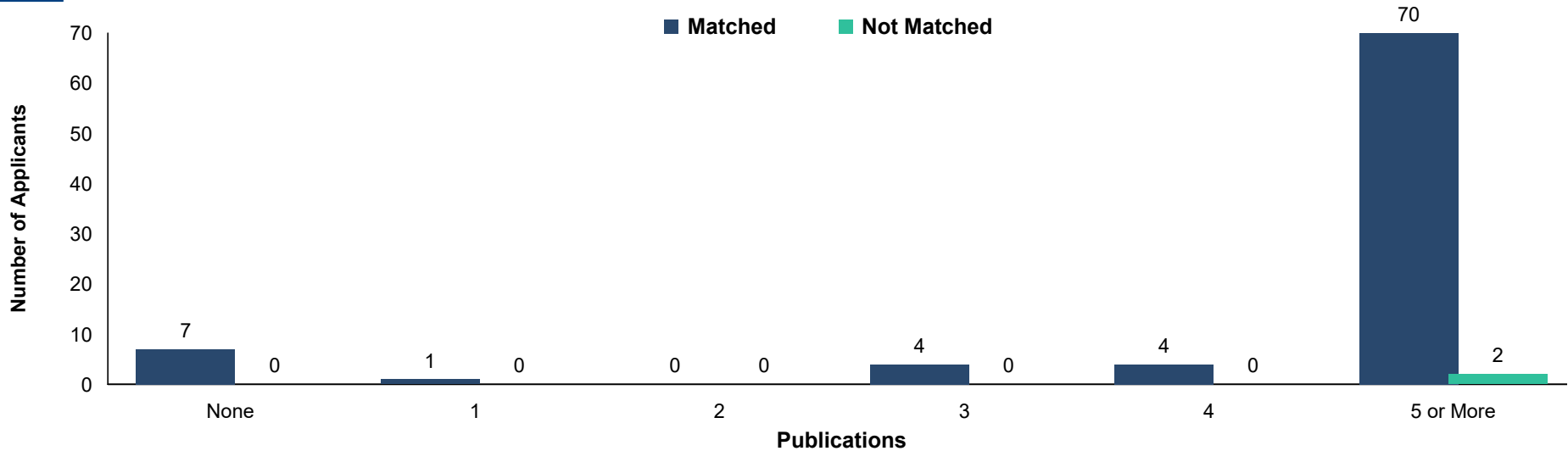
**Chart
RO-5**

**Number of Research Projects of U.S. MD Seniors
Radiation Oncology**



**Chart
RO-6**

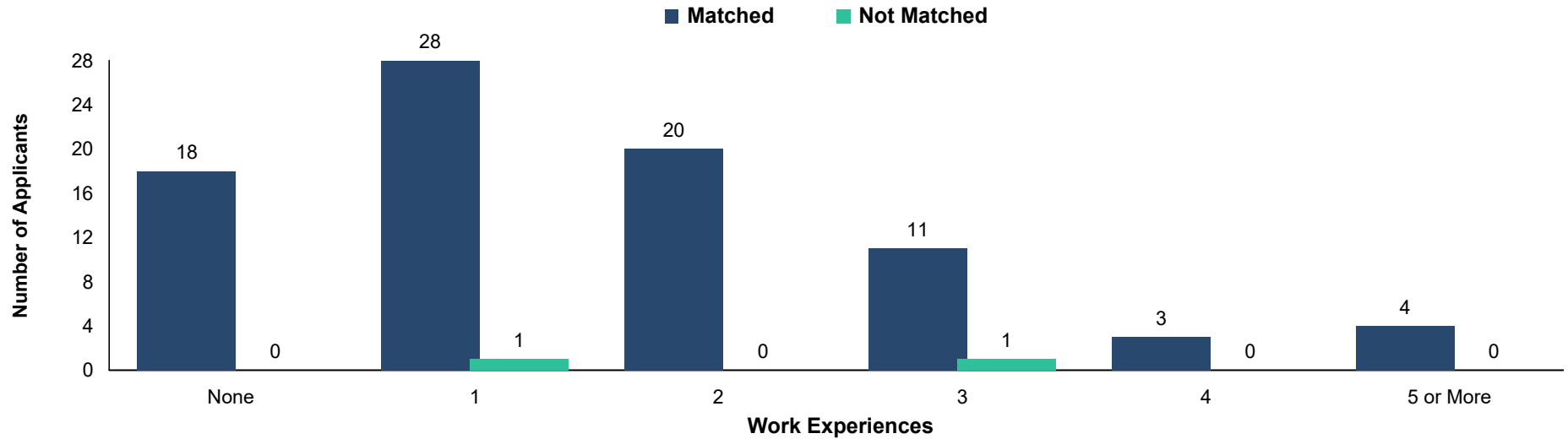
**Number of Abstracts, Presentations, and Publications of U.S. MD Seniors
Radiation Oncology**



Source: NRMP Data Warehouse

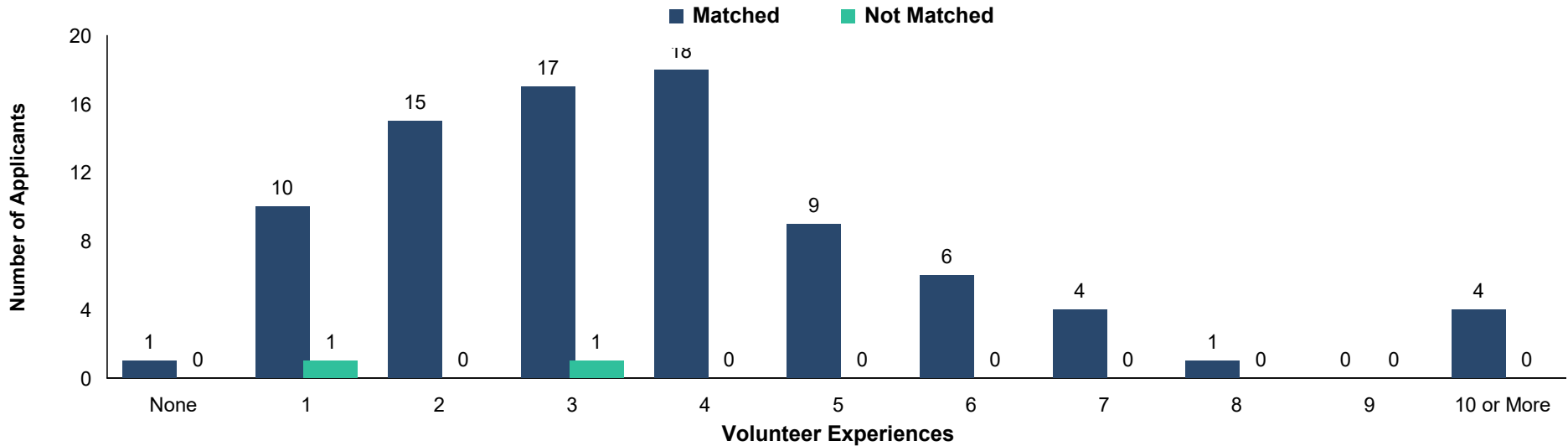
**Chart
RO-7**

**Number of Work Experiences of U.S. MD Seniors
Radiation Oncology**



**Chart
RO-8**

**Number of Volunteer Experiences of U.S. MD Seniors
Radiation Oncology**

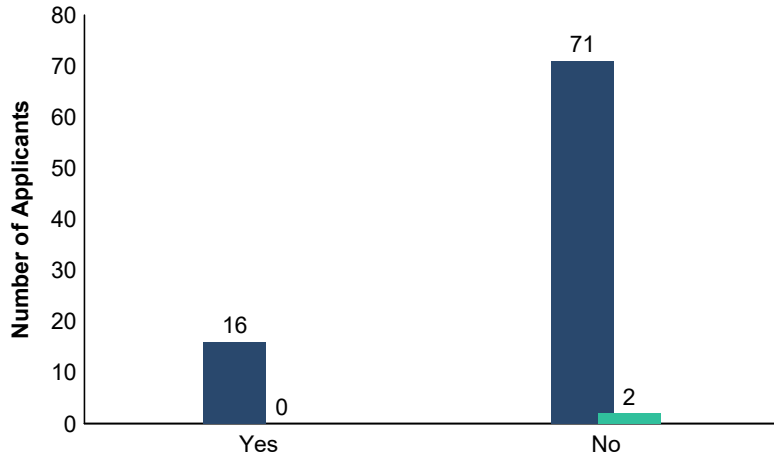


Source: NRMP Data Warehouse

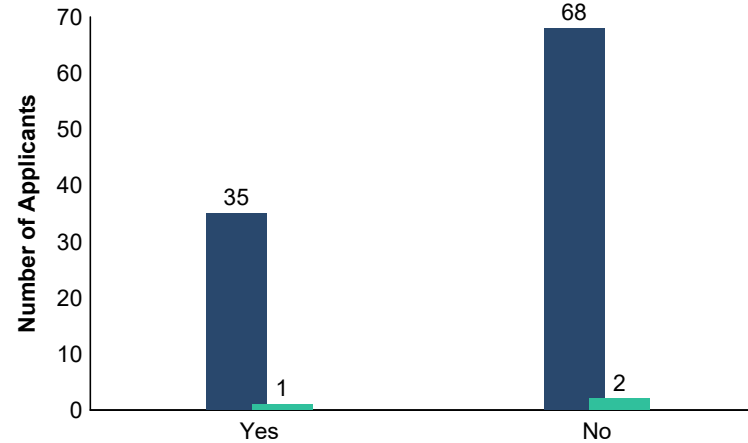
Other Characteristics of U.S. MD Seniors
Radiation Oncology

■ Matched ■ Not Matched

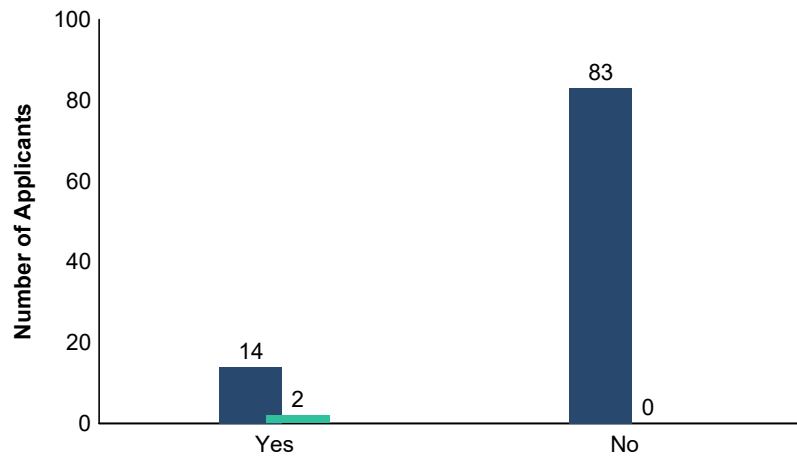
AOA Membership



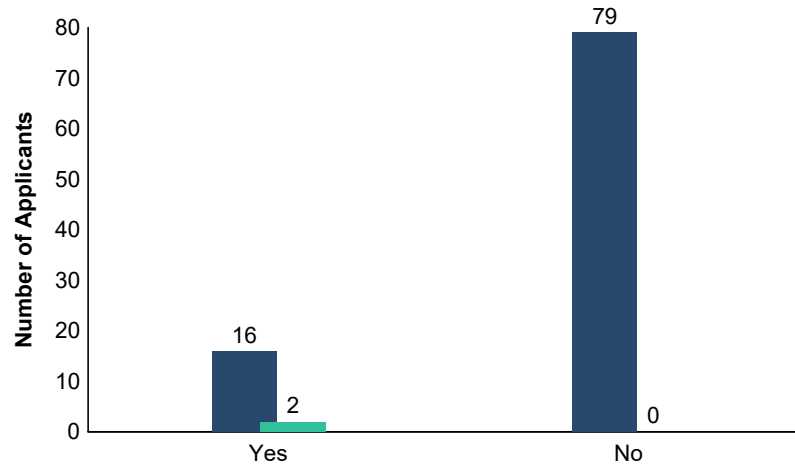
Graduate of One of the 40 U.S. Medical Schools with the Highest NIH Funding



Ph.D. Degree



Other Graduate Degree



Source: NRMP Data Warehouse. Top 40 U.S. medical schools with the highest NIH funding from NIH: <http://report.nih.gov/award/index.cfm>

VS **Vascular Surgery**

Summary Statistics on U.S. MD Seniors Vascular Surgery

Measure	Matched (n=64)	Unmatched (n=6)
1. Mean number of contiguous ranks	22.6	11.8
2. Mean number of distinct specialties ranked	1.4	1.8
3. Mean USMLE Step 1 score*	239	
4. Mean USMLE Step 2 score	253	246
5. Mean number of research experiences	4.6	4.5
6. Mean number of abstracts, presentations, and publications	12.8	8.0
7. Mean number of work experiences	2.5	2.8
8. Mean number of volunteer experiences	4.7	4.0
9. Percentage who are AOA members	14.1	16.7
10. Percentage who graduated from one of the 40 U.S. medical schools with the highest NIH funding	37.5	0.0
11. Percentage who have Ph.D. degree	1.7	20.0
12. Percentage who have another graduate degree	19.3	0.0

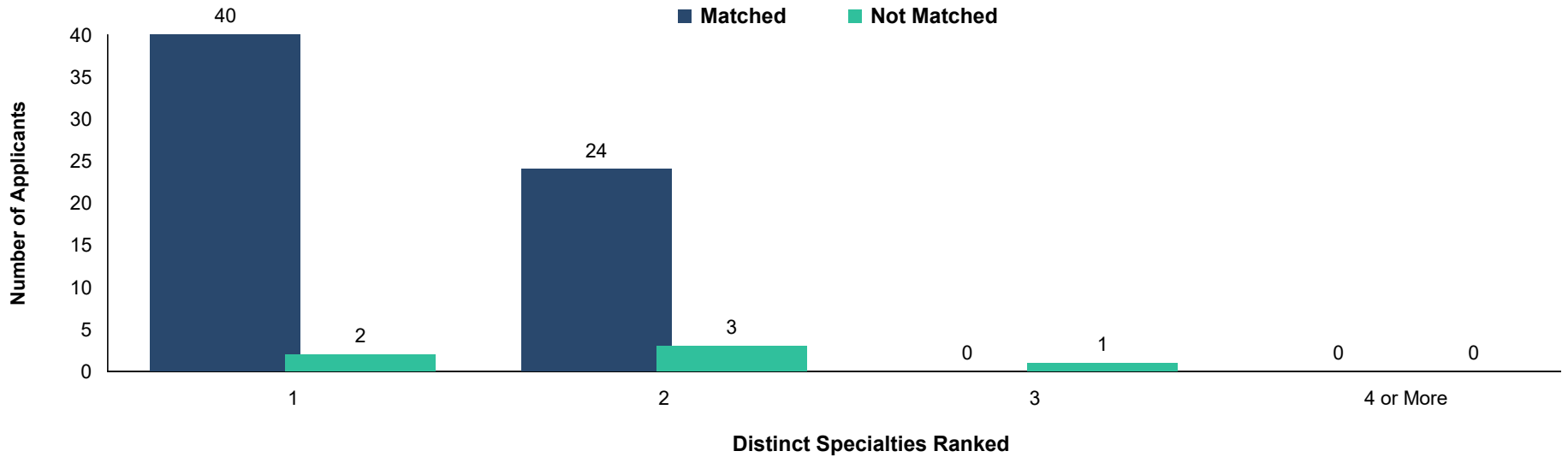
Note: Only U.S. MD seniors who gave consent to use their information in research are included.

*Only applicants who indicated completion of the USMLE Step 1 exam prior to the transition to pass/fail (i.e., prior to January 26, 2022) had the option to self-report their Step 1 numeric score. In 2024, only 2,143 U.S. MD seniors self-reported Step 1 numeric scores.

Sources. NRMP Data Warehouse; Top 40 U.S. medical schools with the highest NIH funding in measure 10 is from the NIH website (<http://report.nih.gov/award/index.cfm>).

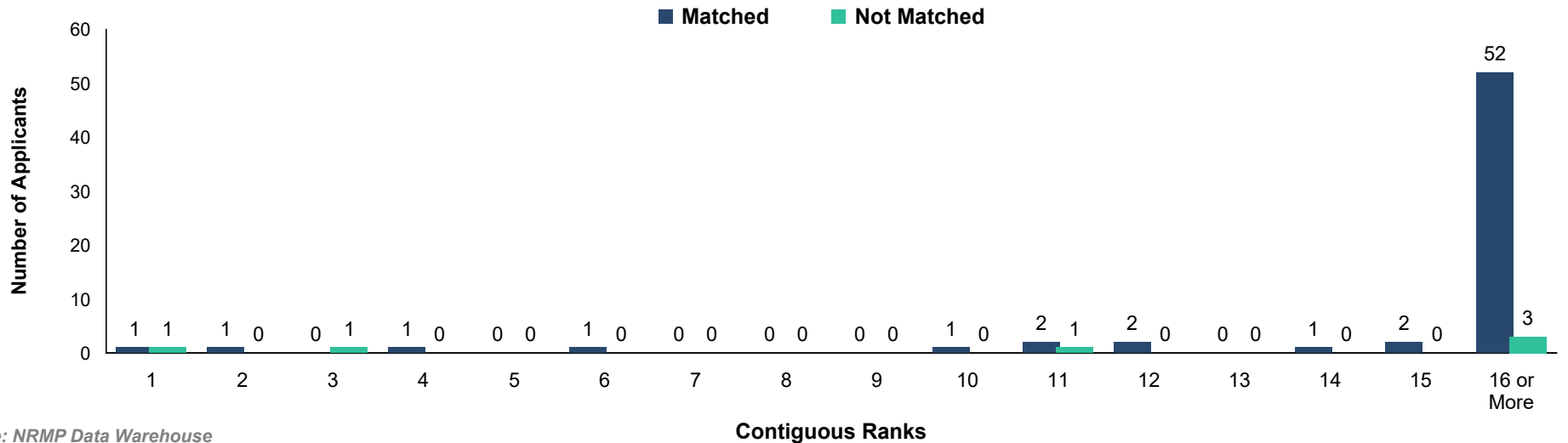
**Chart
VS-1**

**Number of Distinct Specialties Ranked by U.S. MD Seniors
Vascular Surgery**



**Chart
VS-2**

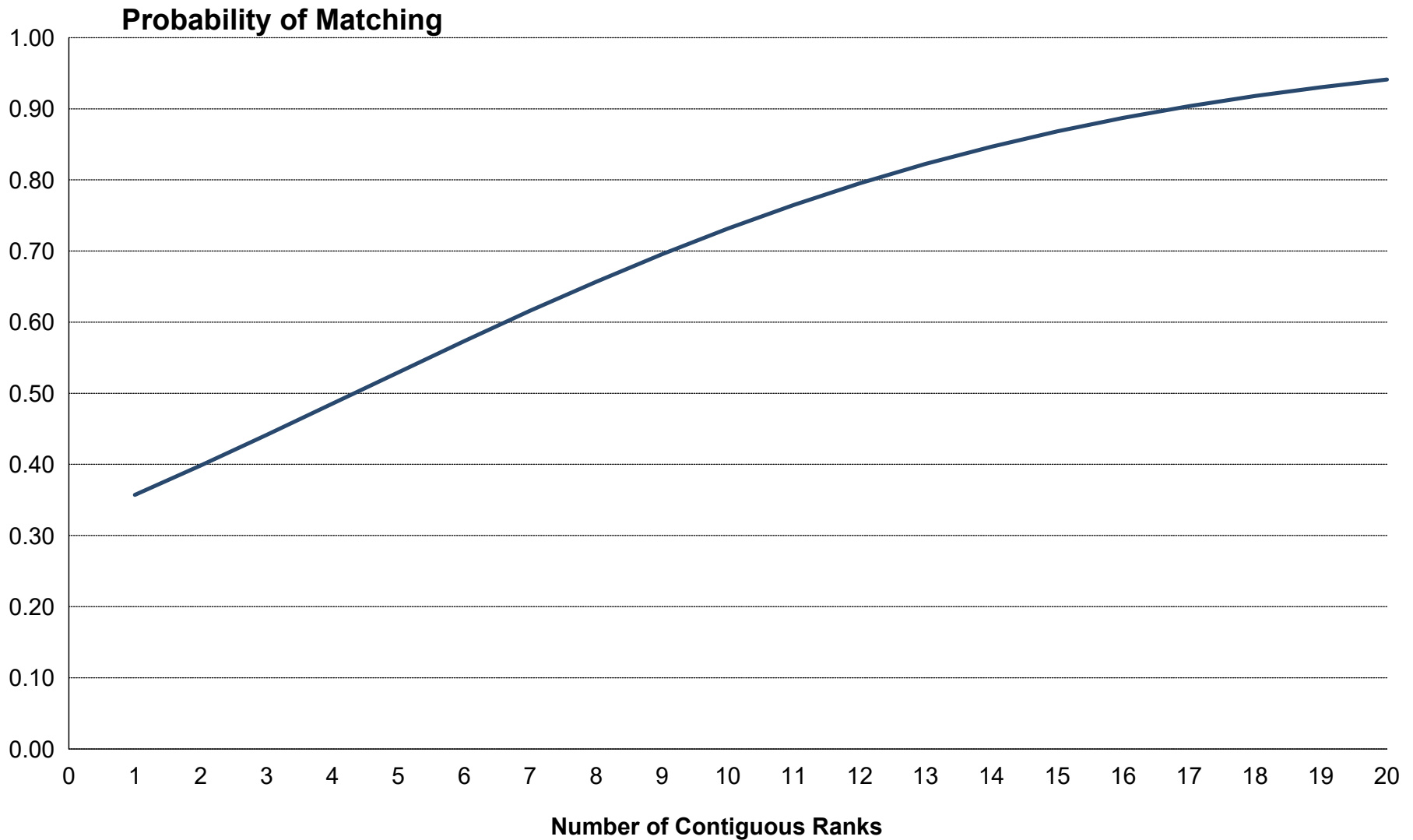
**Number of Contiguous Ranks of U.S. MD Seniors
Vascular Surgery**



Source: NRMP Data Warehouse

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

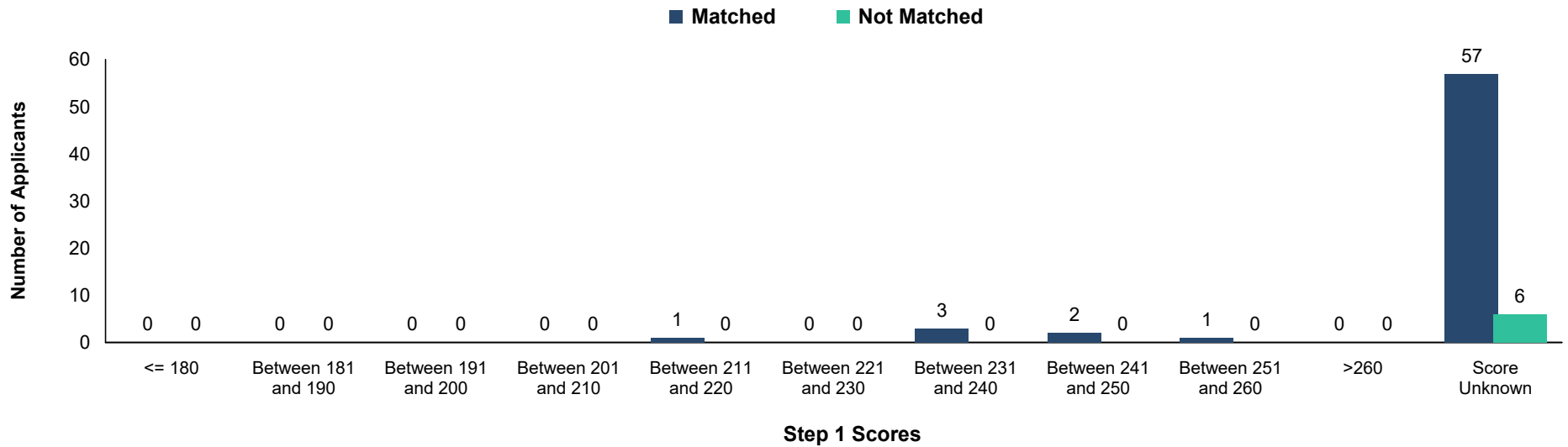
Vascular Surgery



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants

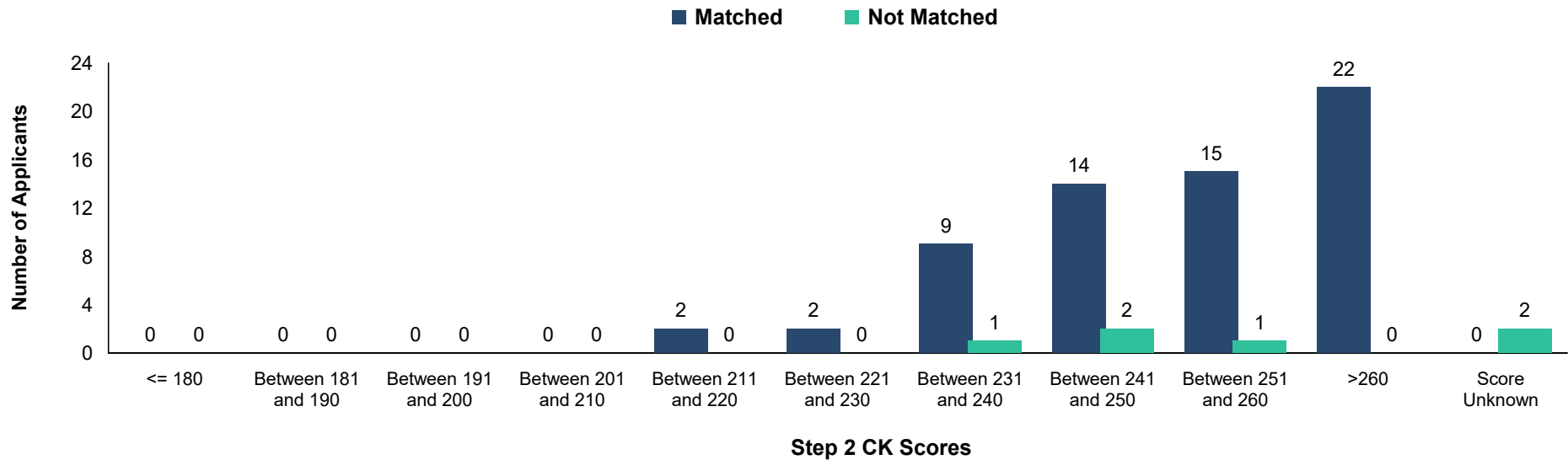
**Chart
VS-3**

USMLE Step 1 Scores of U.S. MD Seniors
Vascular Surgery



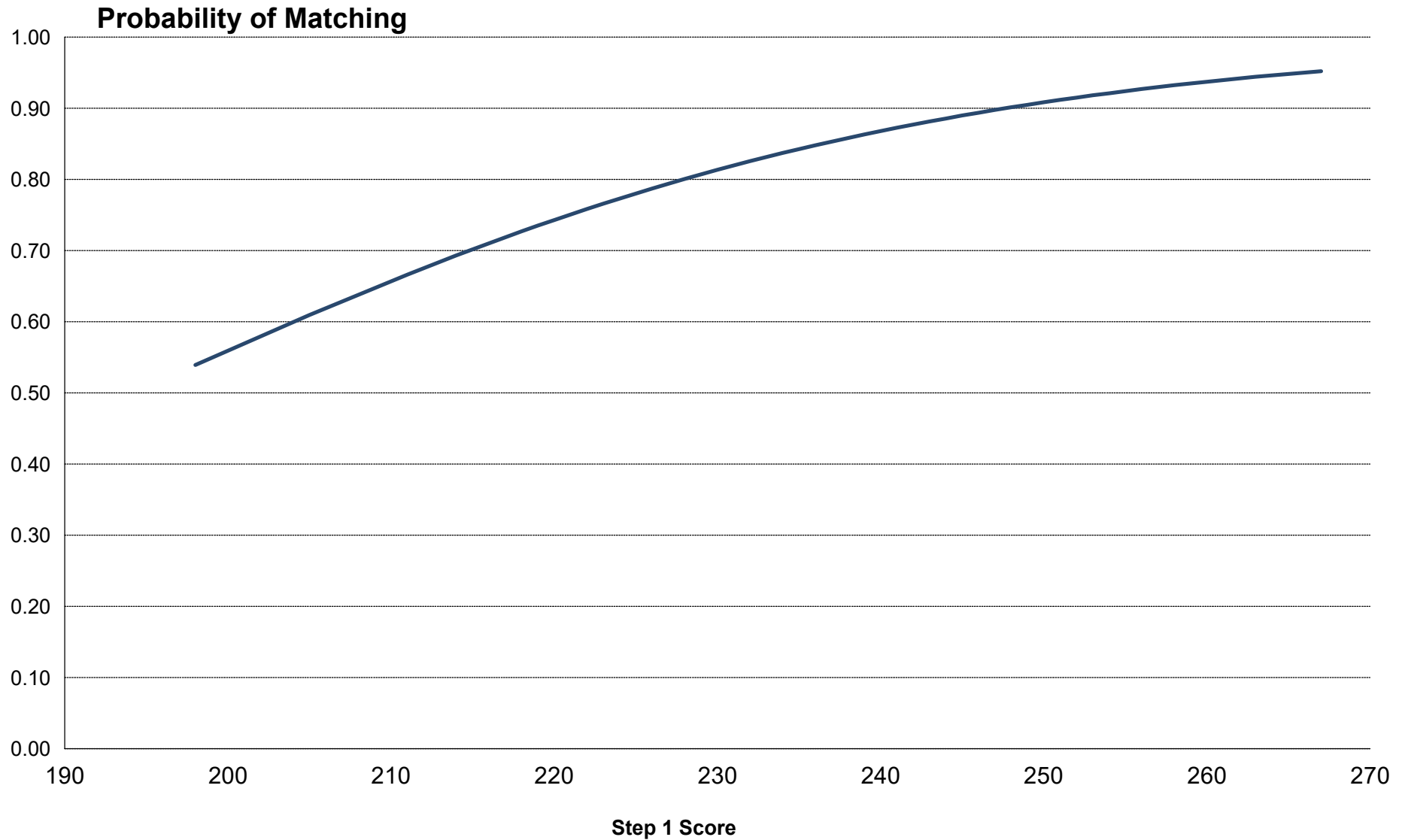
**Chart
VS-4**

USMLE Step 2 CK Scores of U.S. MD Seniors
Vascular Surgery



Probability of U.S. MD Seniors Matching to Preferred Specialty by USMLE Step 1 Score

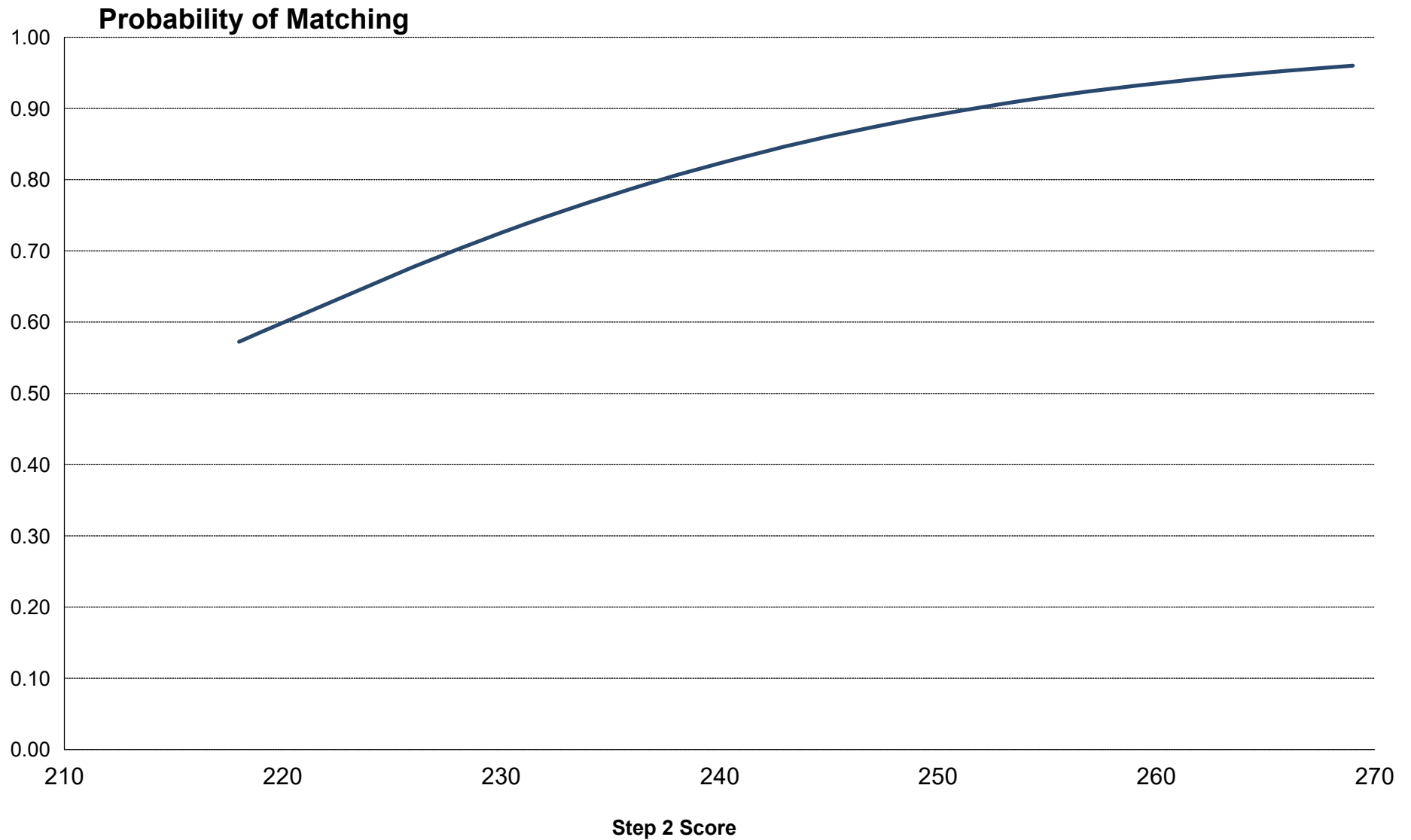
Vascular Surgery



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants.

Probability of U.S. MD Seniors Matching to Preferred Specialty by USMLE Step 2 Score

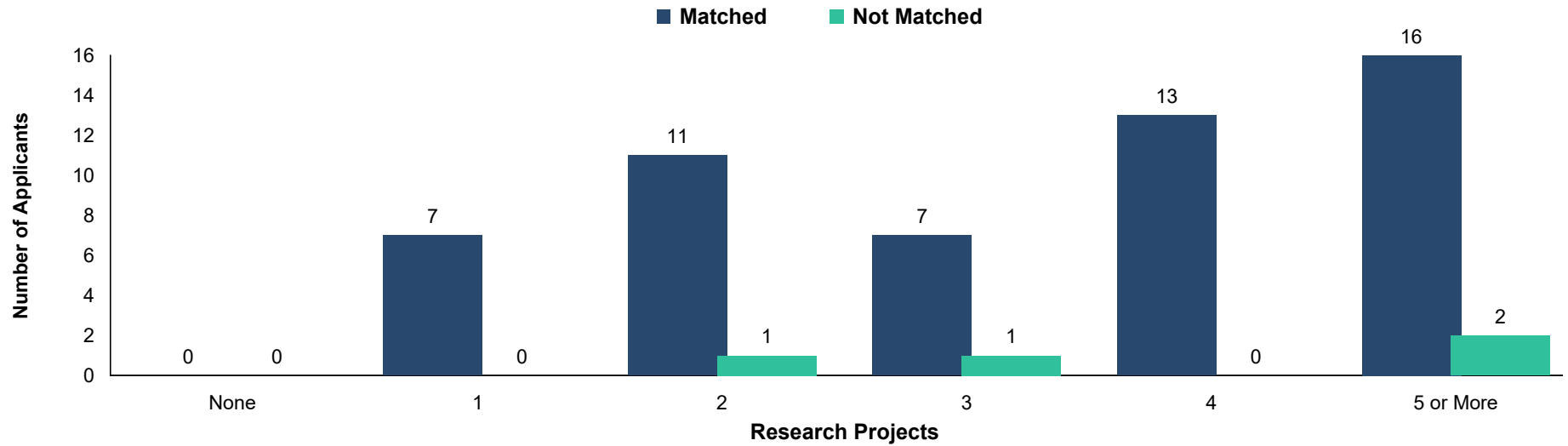
Vascular Surgery



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2022-2024 applicants.

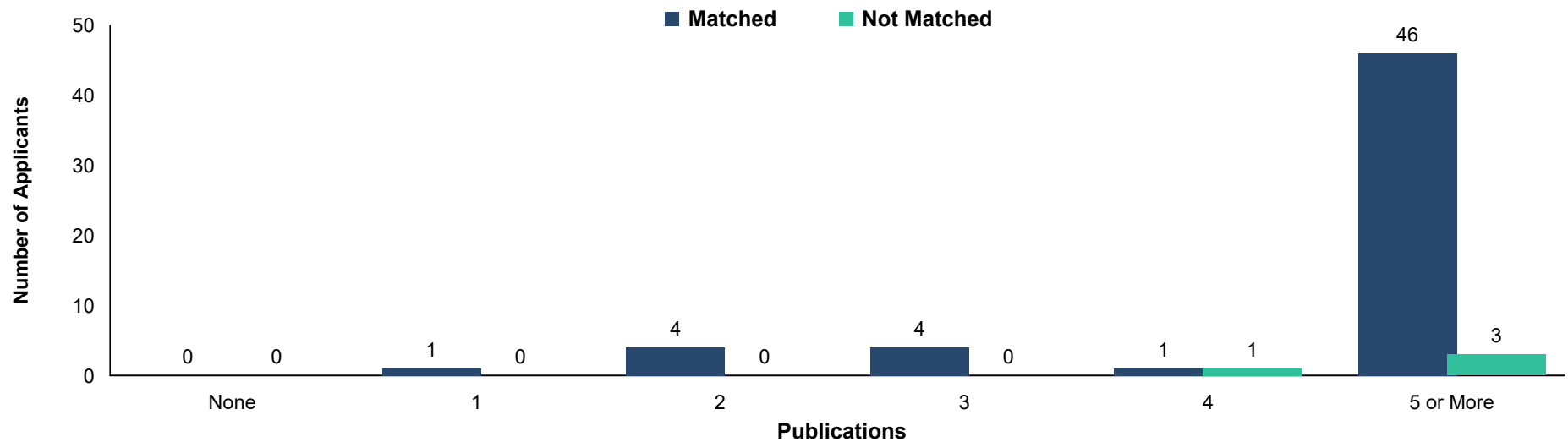
**Chart
VS-5**

Number of Research Projects of U.S. MD Seniors
Vascular Surgery



**Chart
VS-6**

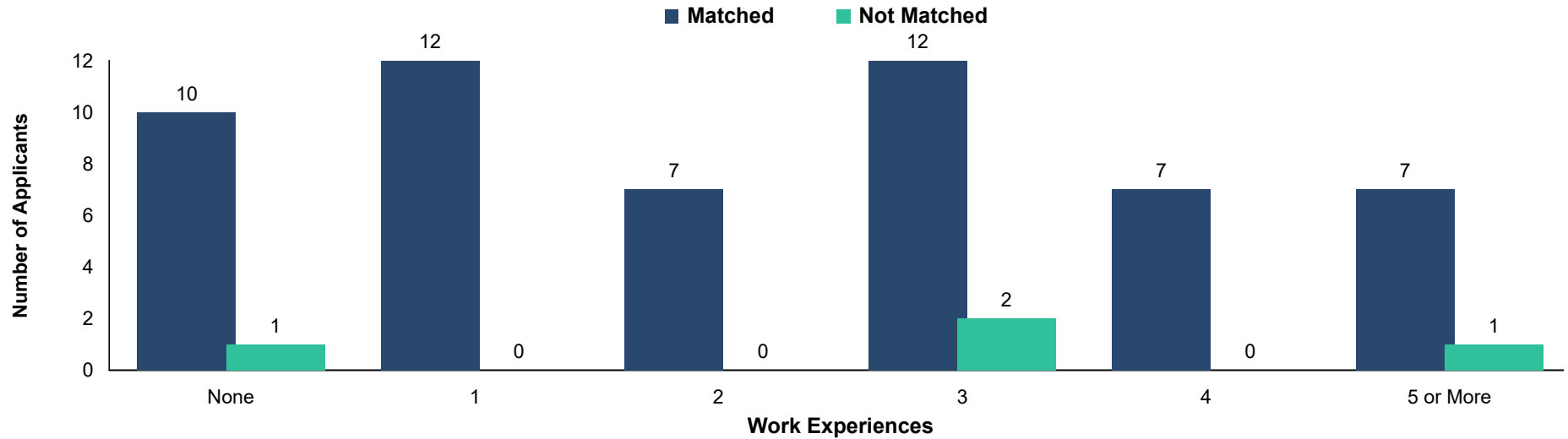
Number of Abstracts, Presentations, and Publications of U.S. MD Seniors
Vascular Surgery



Source: NRMP Data Warehouse

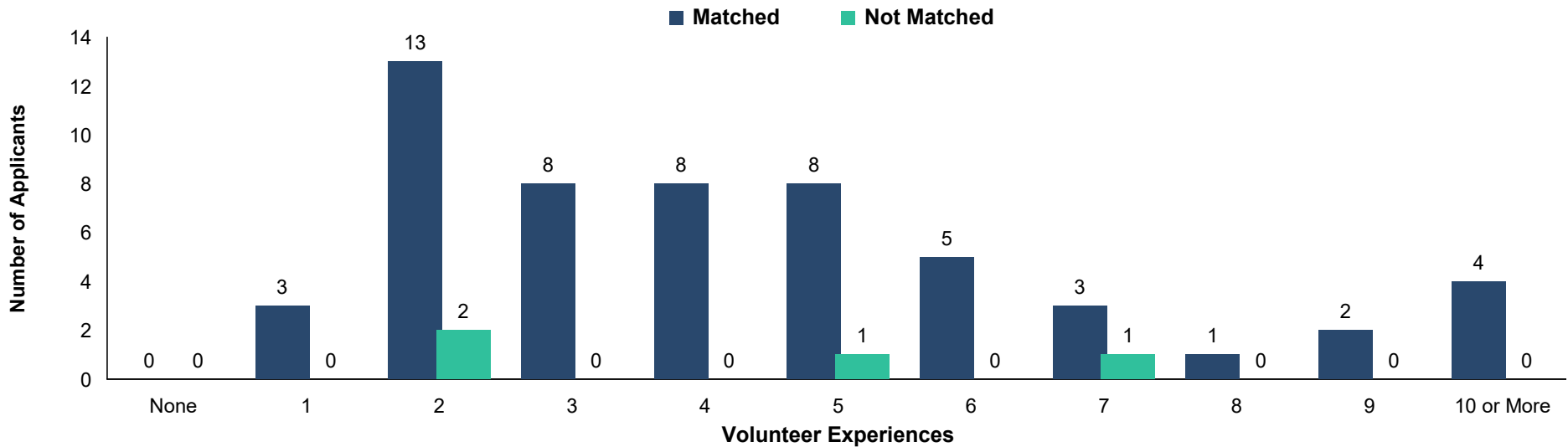
**Chart
VS-7**

**Number of Work Experiences of U.S. MD Seniors
*Vascular Surgery***



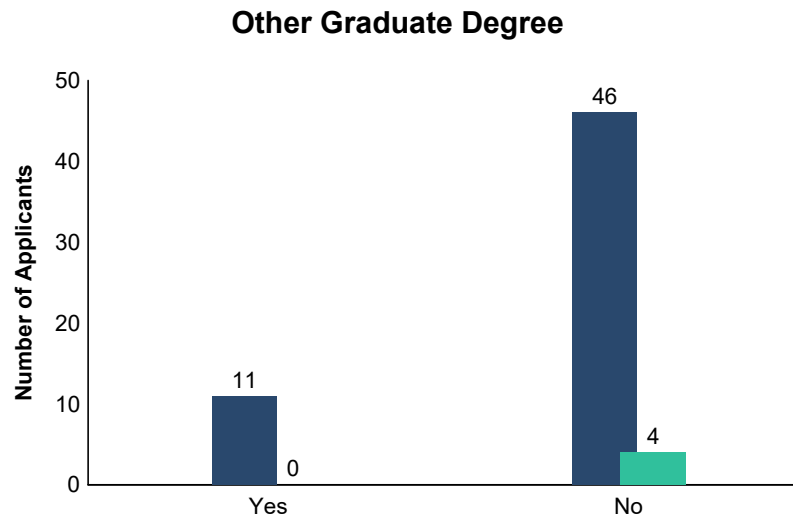
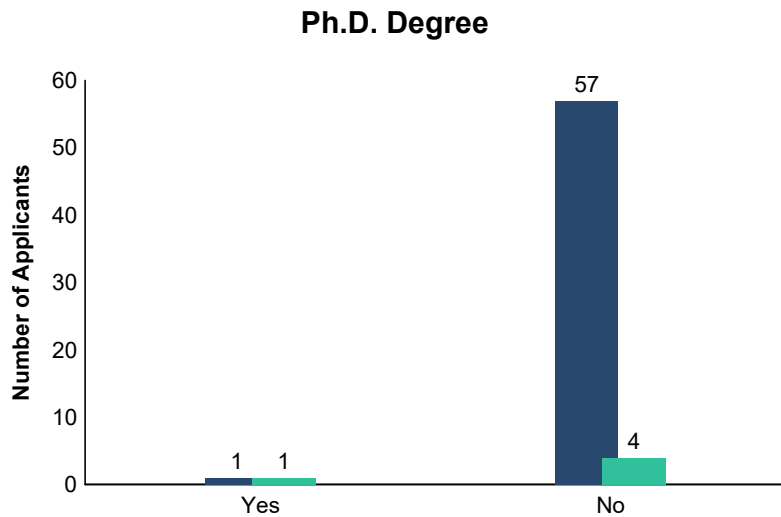
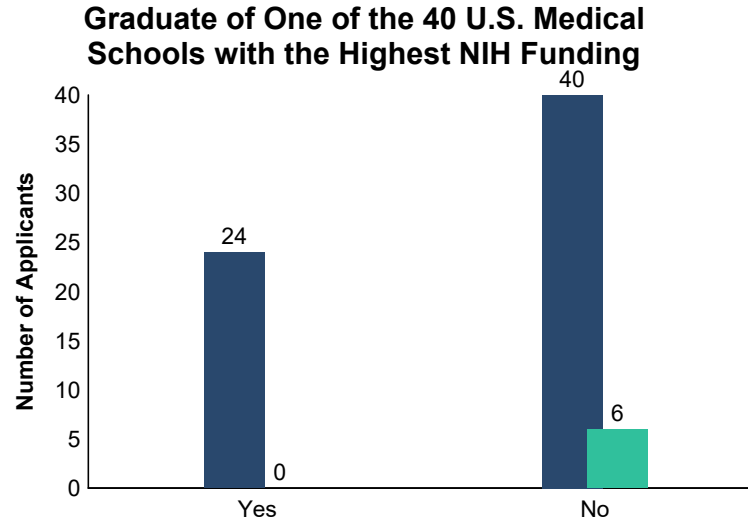
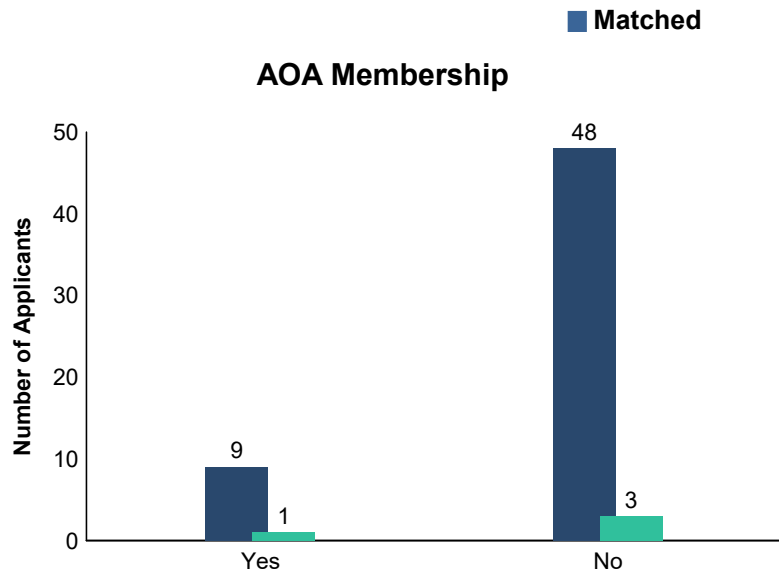
**Chart
VS-8**

**Number of Volunteer Experiences of U.S. MD Seniors
*Vascular Surgery***



Source: NRMP Data Warehouse

Other Characteristics of U.S. MD Seniors
Vascular Surgery



Source: NRMP Data Warehouse. Top 40 U.S. medical schools with the highest NIH funding from NIH: <http://report.nih.gov/award/index.cfm>