



Charting Outcomes in the Match: Senior Students of U.S. Osteopathic Medical Schools

**Characteristics of Senior Students of U.S. Osteopathic Medical
Schools Who Matched to Their Preferred Specialty in the 2018
Main Residency Match**

1st Edition

Prepared by:
National Resident Matching Program
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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. In 2014, NRMP added a Professional Profile section to its Match registration process to collect USMLE scores and other applicant characteristics and those have been used to independently publish all subsequent *Charting Outcomes in the Match* reports.

Prior to 2016, the *Charting Outcomes in the Match* report examined the Match success of only two applicant groups: senior students from U.S. allopathic medical schools and independent applicants. Independent applicants included all applicant types other than U.S. seniors: previous graduates of U.S. allopathic medical schools, students/graduates of U.S. osteopathic 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. Because independent applicants are a heterogeneous group, a decision was made in 2016 to report data separately for U.S. allopathic medical school seniors, students/graduates of U.S. osteopathic 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 osteopathic medical schools, the report on osteopathic medical students/graduates was redesigned to include only senior students of osteopathic medical schools (U.S. osteopathic seniors), and this is the first of those reports. A U.S. osteopathic senior is a fourth-year medical student in a U.S. osteopathic school of medicine accredited by the Commission on Osteopathic College Accreditation (COCA) with a graduation date after July 1 in the year before the Match. Self-reported graduation dates were used to separate senior students of osteopathic medical schools from graduates of osteopathic medical schools for the purposes of establishing the sample pool used in this report. Because the number of previous osteopathic medical school graduates is small, there is no separate report on that group.

Although the transition is underway for all graduate medical education programs to be accredited by the Accreditation Council for Graduate Medical Education (ACGME), U.S. osteopathic seniors can still participate in a Match sponsored by the American Osteopathic Association (AOA). Applicants who obtain positions in the AOA Match are automatically withdrawn from the NRMP so that they cannot match to concurrent year positions in the NRMP. The final AOA Match will culminate in March 2019.

Data

Match success, specialty preference, and ranking information were collected through the Main Residency Match. Other applicant characteristics, including Comprehensive Osteopathic Medical Licensing Examinations (COMLEX-USA) Level 1 and Level 2-Cognitive Evaluation (CE) scores, USMLE Step 1 and Step 2 Clinical Knowledge (CK) scores, academic degrees, publications, research, and work and volunteer experiences, were self-reported through the Professional Profile section of the NRMP's Applicant Registration Form for the Match. To complete the form, applicants were asked to answer the questions as they did in their ERAS Common Application Form (CAF). Completion of the form was optional, and applicants who completed the form could consent or decline to participate in NRMP research. Data collection for the self-reported Professional Profile section was granted exemption by the Chesapeake (now Advarra) Institutional Review Board (IRB).

To ensure that COMLEX-USA and USMLE scores were not misreported, the NRMP asked medical schools to verify the scores of their senior students. In 2018, the vast majority of the COMLEX-USA Level 1 (98%) and Level 2-CE (98%) scores and USMLE Step 1 (92%) and Step 2 CK (91%) scores used in this report were verified, corrected, or supplied by U.S. osteopathic medical schools. Because the self-reported scores are highly accurate, both verified and unverified scores were used to prepare this report: The intraclass correlation coefficient (ICC) between the self-reported scores and school-verified scores was 0.994 (99% CI [0.993, 0.994]) for COMLEX-USA Level 1 scores, 0.993 (99% CI [0.993, 0.994]) for Level 2-CE scores, 0.947 (99% CI [0.941, 0.952]) for USMLE Step 1 scores, and 0.841 (99% CI [0.820, 0.859]) for Step 2 CK scores. Probability analyses of U.S. osteopathic seniors matching to a preferred specialty are based on COMLEX-USA Level 1 scores of those who participated in the Match in 2016, 2017, and 2018. The 2016 COMLEX-USA scores were provided by the National Board of Osteopathic Medical Examiners (NBOME).

A total of 4,275 senior students of osteopathic schools submitted certified rank order lists in the 2018 Main Residency Match. After excluding the 9.8 percent who did not give consent to participate in NRMP research, 3,858 osteopathic applicants were included in the final dataset. Missing data were found in the number of COMLEX-USA Level 1 scores (0.5% missing), Level 2-CE scores (1.1%), USMLE Step 1 scores (39.3%), Step 2 CK scores (47.5%), research experiences (17.5%), number of abstracts, presentations, and

publications (18.6%), number of work experiences (17.1%), number of volunteer experiences (16.8%), Ph.D. degree (8.3%), and other graduate degree (7.8%).

Methods

Specialties that offered 50 or more positions and had at least 7 matched or unmatched U.S. osteopathic seniors preferring the specialty in the 2018 Main Residency Match are included in this report. Although Otolaryngology, Plastic Surgery, Radiation Oncology, and Vascular Surgery offered more than 50 positions, they are excluded from this report because the numbers of both matched and unmatched U.S. osteopathic seniors were smaller than 7. Transitional Year programs were excluded because they are not viewed as a specialty choice.

Twelve measures are incorporated in this report: number of contiguous ranks in the preferred specialty, number of specialties ranked, COMLEX-USA Level 1 and Level 2 CE scores, USMLE Step 1 and Step 2 CK scores, numbers of research, work, and volunteer experiences, number of abstracts, presentations, and publications, and Ph.D. and other graduate degrees. The probability of matching to a preferred specialty is calculated based on COMLEX-USA Level 1 scores and contiguous ranks.

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. Lack of success includes matching to another specialty as well as failure to match at all. No distinction was made based on whether applicants matched to the first, second, third, or lower choice program.

Summary

Some general observations apply to all specialties in this report. U.S. osteopathic seniors who are successful in matching to their preferred specialty are more likely to:

- Rank more programs within their preferred specialty
- Have higher COMLEX-USA Level 1 and Level 2-CE scores
- Have higher USMLE Step 1 and Step 2 CK scores

Although other measures seem to 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 COMLEX-USA scores and Match success, the distributions of scores show that program directors consider other qualifications. A high score is not a guarantee of success, and a low score is not a bar to success. Data in this report show that some individuals with low scores are able to match to their preferred specialty, but a few people with high scores are not successful. The data also 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 one should give to an applicant:

- Rank all of the programs you really want, without regard to your estimate of your chances with those programs.
- Include a mix of both highly competitive and less competitive programs within your preferred specialty.
- Include all of the programs on your list where the program has expressed an interest in you and where you would accept a position.
- If you are applying to a competitive specialty and you want to have a residency position in the event you are unsuccessful in matching to a program in your preferred specialty, also rank your most preferred programs in an alternate specialty.
- Include all of your qualifications in your application, but know that you do not have to have the highest COMLEX-USA scores, have publications, or have participated in research projects to match successfully.

Program directors and applicants will find the tables and charts for the specialty of their particular interest later in this report.

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Tables and Charts for All Specialties

**Chart
1**

**Active Applicants in the 2018 Main Residency Match
by Applicant Type**

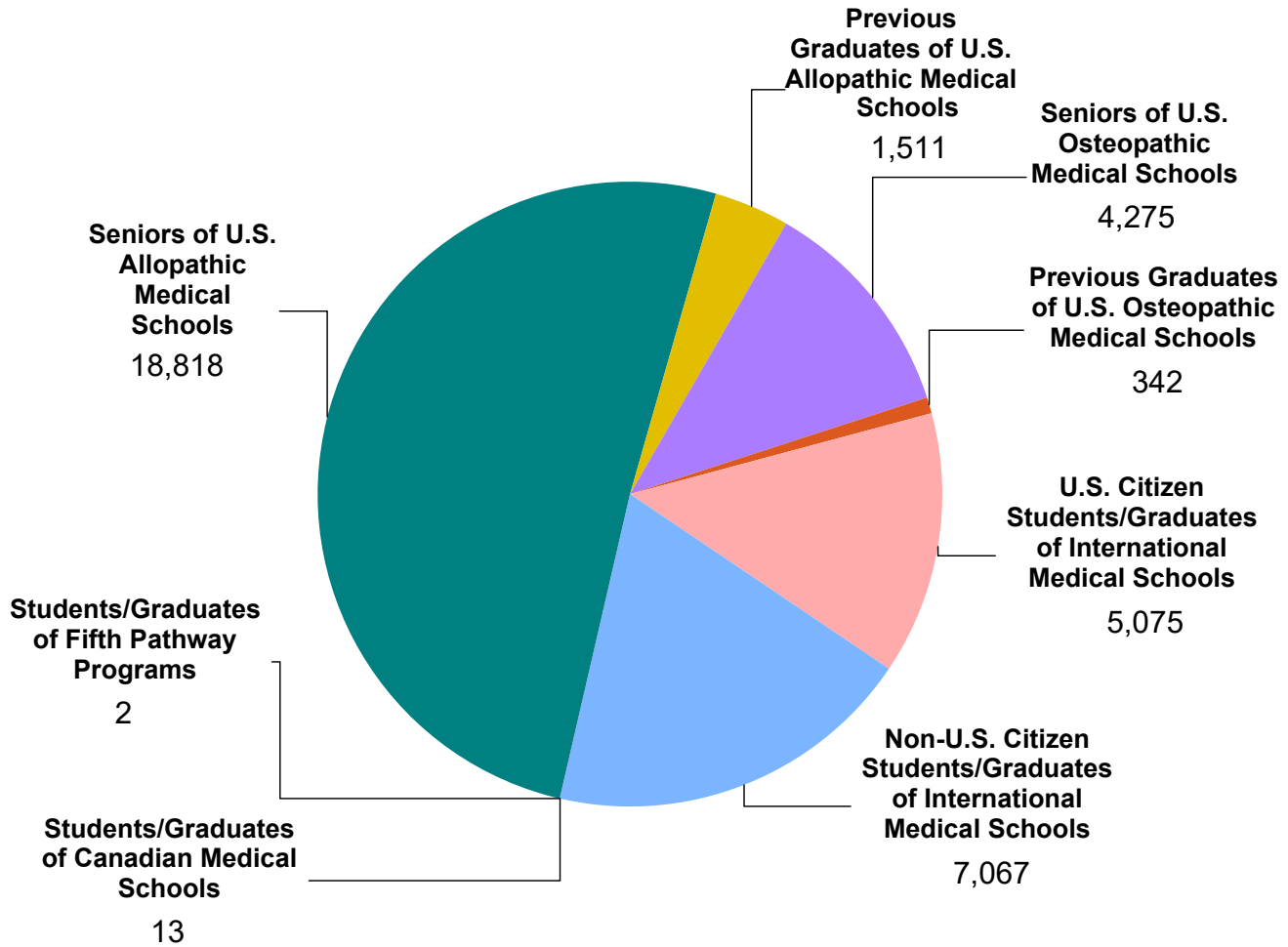


Chart 1 shows the number of active applicants (applicants who submitted rank order lists of programs) by applicant type in the 2018 Main Residency Match. A total of 37,103 active applicants participated in the 2018 Main Residency Match including 4,617 senior students (4,275) and previous graduates (342) of U.S. osteopathic medical schools. Senior students of osteopathic medical schools constituted 11.5 percent of all applicants in the Match.

**Table
1****Number of Applicants and Positions in the 2018 Main Residency Match
by Preferred Specialty***

Preferred Specialty	Total Positions Offered	Total Number of All Applicants	Number of All Applicants Per Position	Number of Osteopathic Applicants		
				Matched	Not Matched	Total
Anesthesiology	1,840	2,004	1.09	267	29	296
Child Neurology	168	166	0.99	10	1	11
Dermatology	472	651	1.38	12	19	31
Diagnostic Radiology	1,099	1,289	1.17	115	27	142
Emergency Medicine	2,278	2,693	1.18	457	101	558
Family Medicine	3,629	4,402	1.21	610	63	673
General Surgery	1,319	1,955	1.48	67	67	134
Internal Medicine	7,916	10,032	1.27	830	64	894
Internal Medicine/Pediatrics	382	439	1.15	46	8	54
Interventional Radiology	136	253	1.86	3	17	20
Neurological Surgery	225	310	1.38	3	7	10
Neurology	859	1,070	1.25	88	9	97
Obstetrics and Gynecology	1,336	1,745	1.31	152	96	248
Orthopaedic Surgery	742	987	1.33	4	13	17
Pathology	601	692	1.15	53	4	57
Pediatrics	2,858	3,059	1.07	394	50	444
Physical Medicine and Rehabilitation	421	579	1.38	115	57	172
Psychiatry	1,556	2,383	1.53	237	90	327

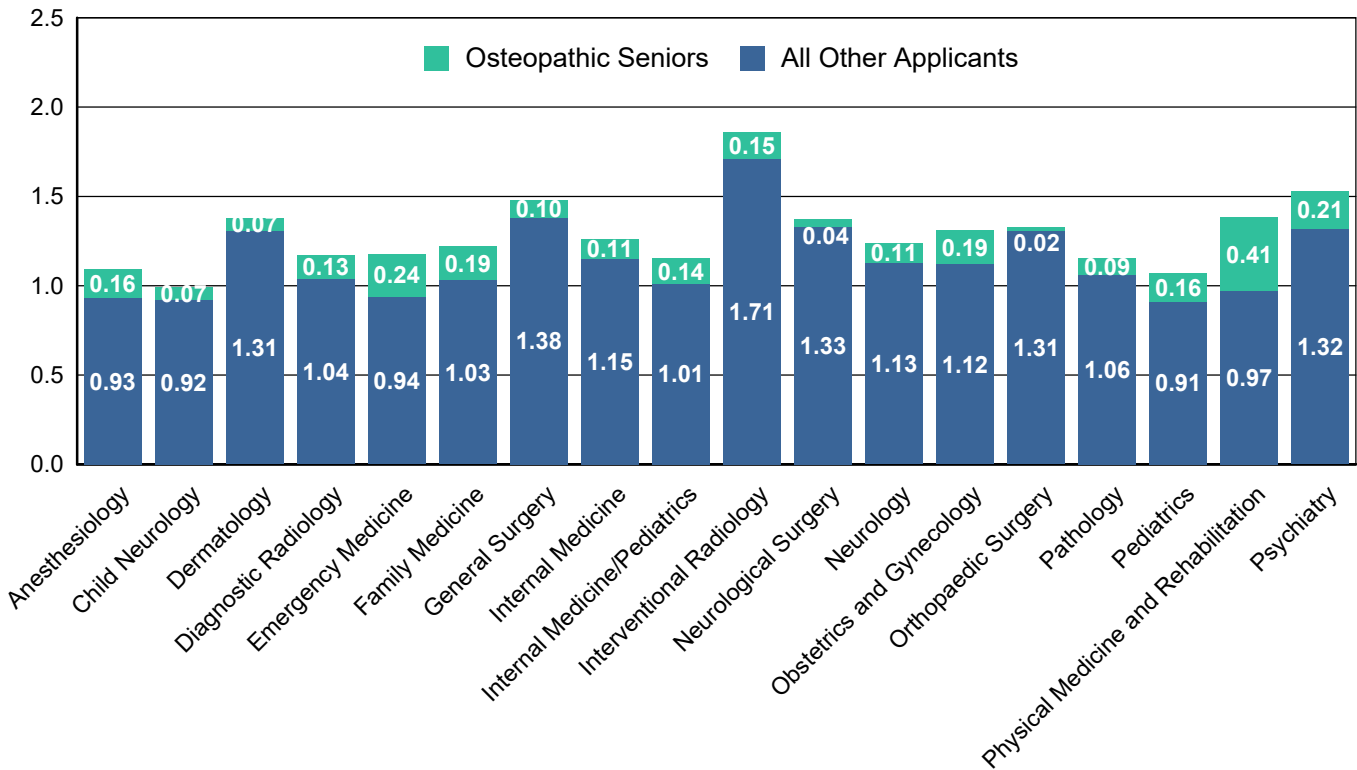
* Preferred specialty is the specialty of the first-ranked program on an applicant's rank order list, excluding preliminary programs in specialties.
Source: NRMP Data Warehouse.

Table 1 provides a summary of the numbers of applicants and positions for specialties that offered at least 50 positions in the Match and were preferred by at least 7 U.S. osteopathic seniors. For example, a total of 2,004 applicants preferred Anesthesiology (or ranked an Anesthesiology position first), among whom 296 were U.S. osteopathic seniors (267 matched and 29 did not match to Anesthesiology). For each of the 1,840 Anesthesiology positions there were 1.09 applicants who preferred the specialty.

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 U.S. Osteopathic Seniors Ranking Specialty First / Available Positions
by Preferred Specialty**

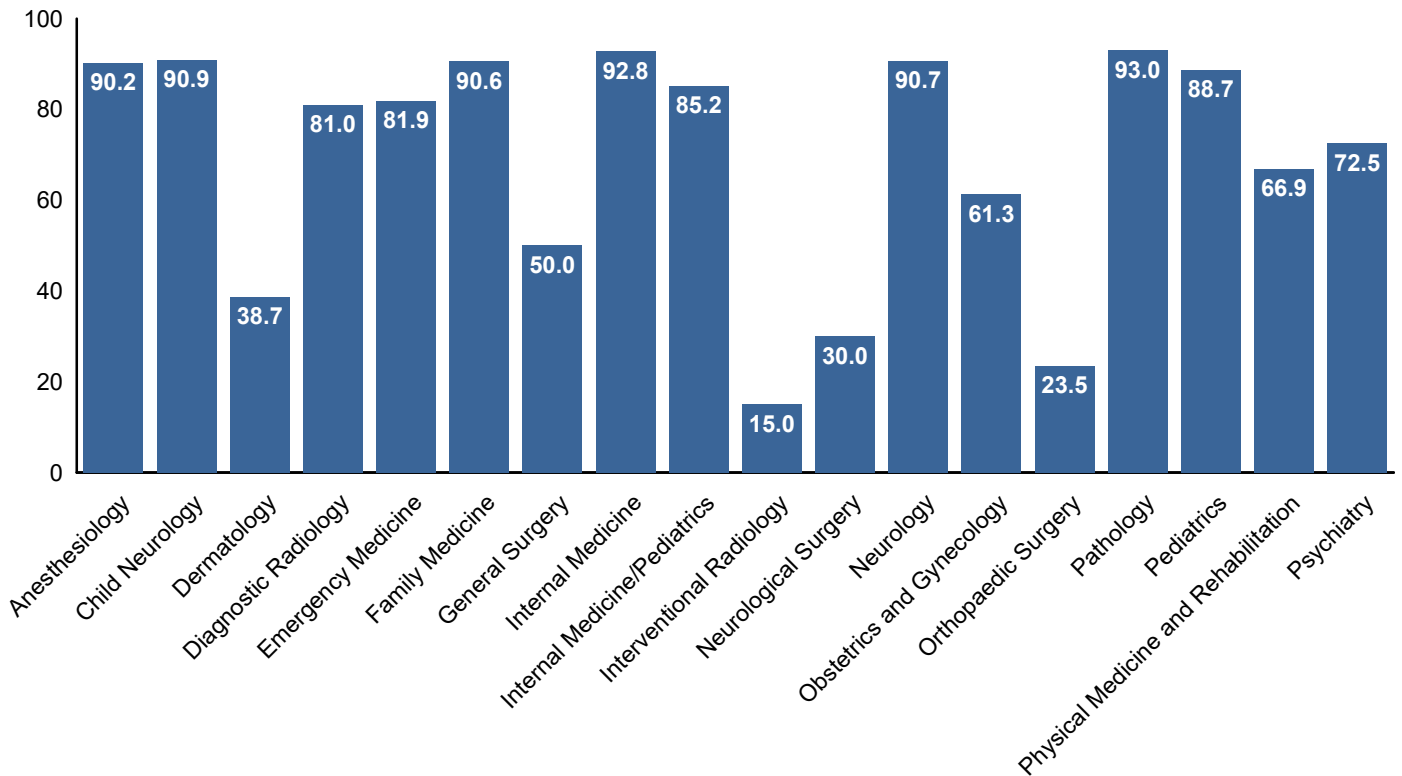


Source: NRMP Data Warehouse

Chart 2 shows the ratios of all applicants and of U.S. osteopathic seniors to available positions in each specialty. For all specialties displayed in the chart except Child Neurology, the total number of applicants preferring each specialty was more than the number of available positions. Among all specialties in the chart, Interventional Radiology had the highest ratio of all applicants per position; however, the highest ratio for U.S. osteopathic seniors was in Physical Medicine and Rehabilitation.

**Chart
3**

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



Source: NRMP Data Warehouse

Chart 3 shows the percentages of U.S. osteopathic seniors who matched to their preferred specialty. Overall, 82.6 percent of U.S. osteopathic seniors matched to their preferred specialty, ranging from a high of 93.0 percent (Pathology) to a low of 15.0 percent (Interventional Radiology).

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

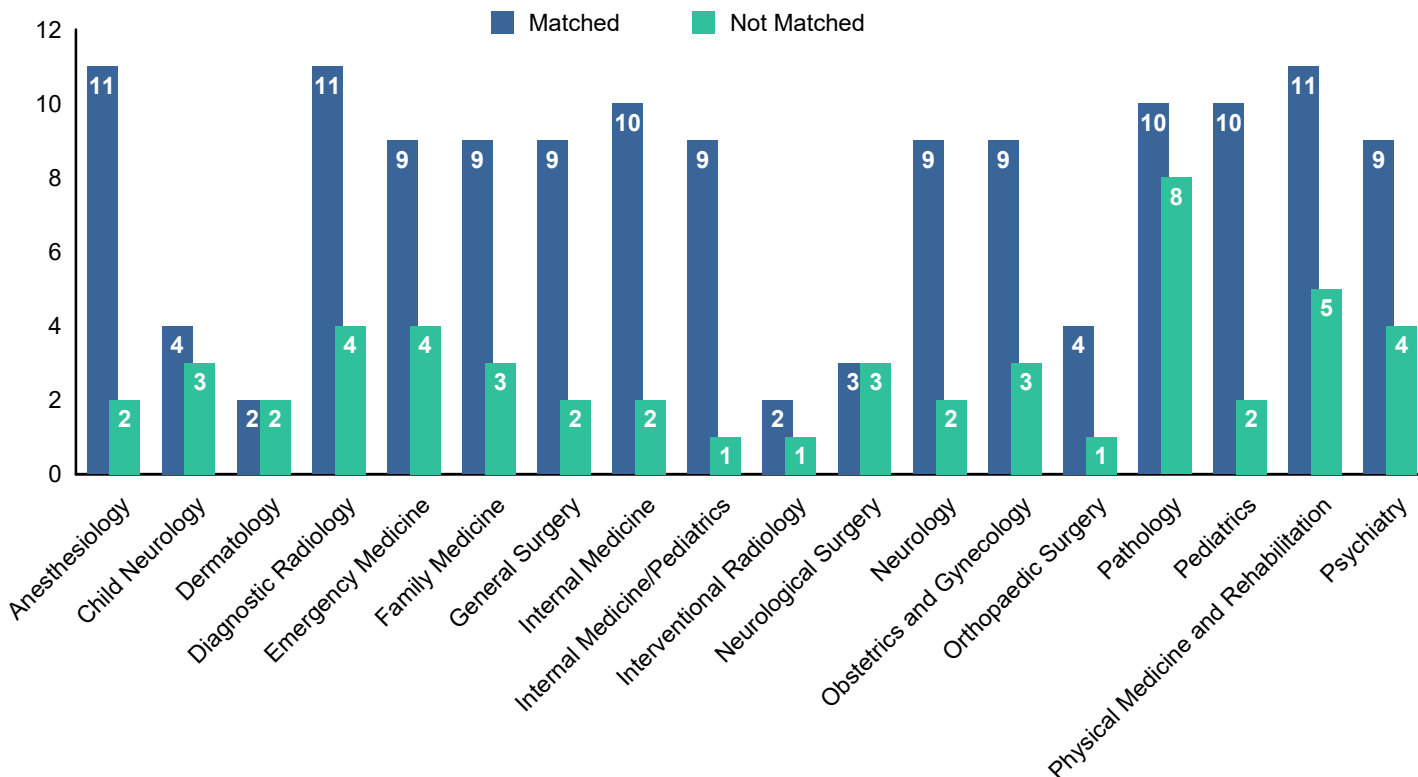
Measure	Matched (n=3,179)	Unmatched (n=645)
1. Mean number of contiguous ranks	9.6	4.2
2. Mean number of distinct specialties ranked	1.2	1.5
3. Mean COMLEX-USA Level 1 score	547	509
4. Mean COMLEX-USA Level 2-CE score	584	527
5. Mean USMLE Step 1 score	227	220
6. Mean USMLE Step 2 CK score	240	232
7. Mean number of research experiences	1.7	1.9
8. Mean number of abstracts, presentations, and publications	2.3	2.3
9. Mean number of work experiences	3.2	3.3
10. Mean number of volunteer experiences	6.7	6.3
11. Percentage who have a Ph.D. degree	0.4	0.7
12. Percentage who have another graduate degree	20.5	27.6

Sources: NRMP Data Warehouse

Table 2 provides summary statistics for all specialties by Match outcome on the 12 measures presented in this report. Data on each of these measures are displayed graphically by preferred specialty on the following pages. Only U.S. osteopathic seniors who gave consent to use their information in research are included in this table and the rest of the report.

**Chart
4**

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



Source: NRMP Data Warehouse

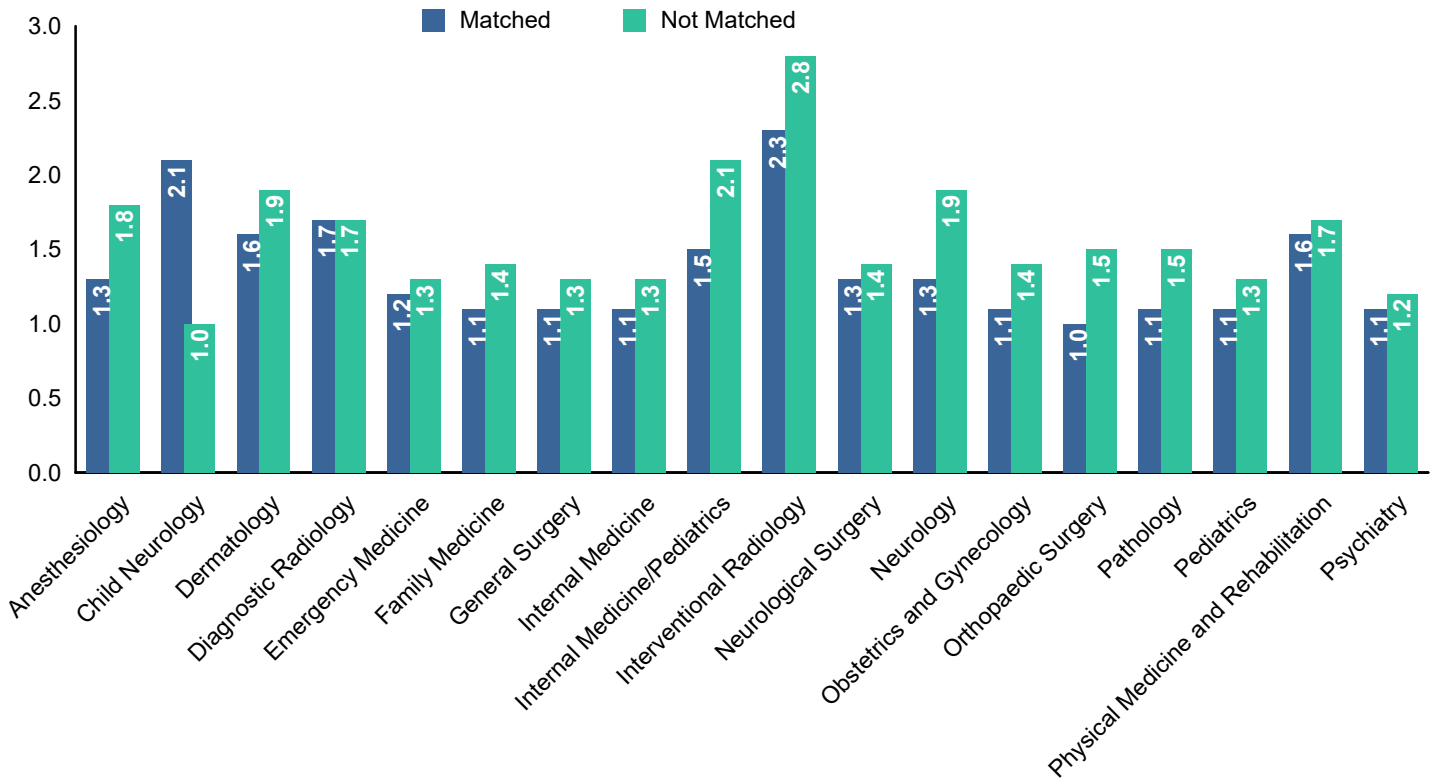
In general, applicants are more likely to be successful if they rank more programs in their desired specialty. To quantify this aspect of applicant behavior, we tallied the number of programs ranked in the first-choice specialty before a program in another specialty appeared on the applicant's rank order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

Chart 4 displays the median number of contiguous ranks by preferred specialty for U.S. osteopathic seniors who did and did not match to their preferred specialty. Both groups show variation across specialties. For almost all specialties, U.S. osteopathic seniors who matched to their preferred specialty had median contiguous rank lists that were longer than those who did not match.

The principal message of this chart is that applicants with longer rank order lists are more successful than those with shorter rank order lists. The NRMP has been recommending longer lists for many years, but some applicants apparently do not heed the advice. Applicants who submit shorter rank order lists may do so because they find only a few programs willing to entertain their applications or because they cannot afford a large number of interview trips.

**Chart
5**

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

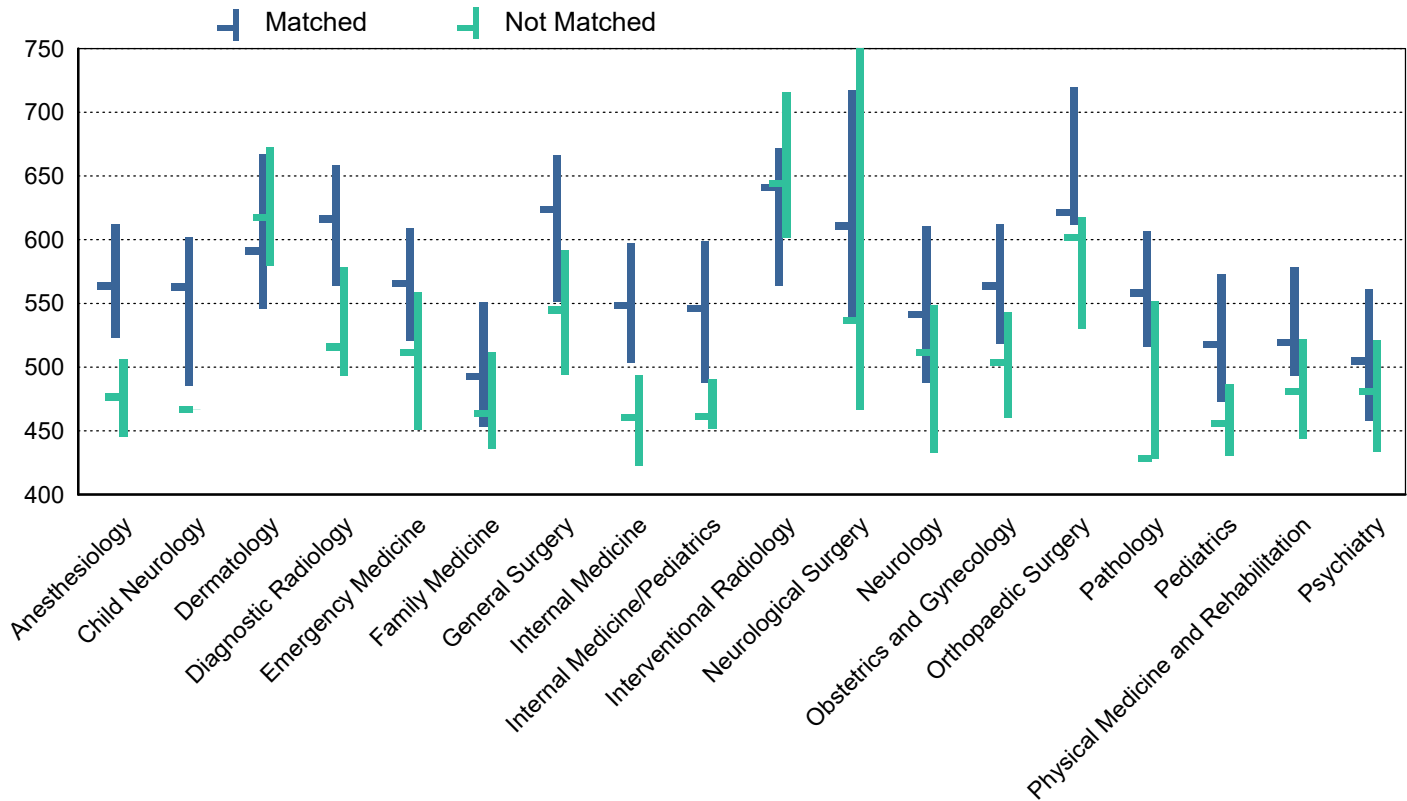


Source: NRMP Data Warehouse

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. With the exception of Child Neurology and Diagnostic Radiology, U.S. osteopathic seniors who matched to their preferred specialty ranked fewer specialties than those who did not match.

**Chart
6**

**COMLEX-USA Level 1 Scores of U.S. Osteopathic Seniors
by Preferred Specialty and Match Status**



Source: NRMP Data Warehouse

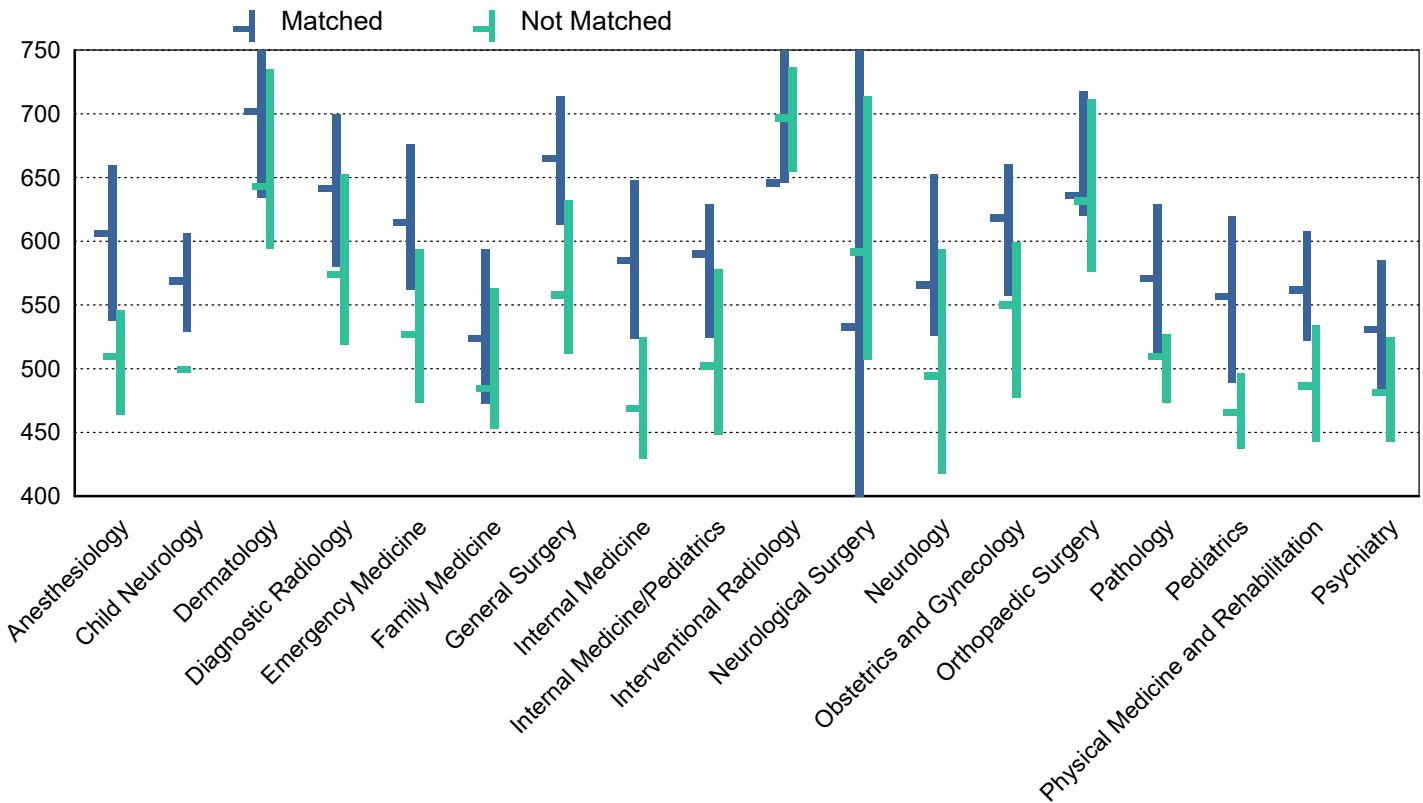
The Comprehensive Osteopathic Medical Licensing Examinations (COMLEX-USA) are required for graduation from a U.S. osteopathic medical school. The COMLEX-USA examination series is designed to assess the osteopathic medical knowledge and clinical skills considered essential for osteopathic generalist physicians to practice osteopathic medicine. COMLEX-USA is constructed in the context of clinical problem-solving that involves "Patient Presentations" and "Physician Tasks." COMLEX-USA Level 1 integrates the foundational and basic biomedical sciences of anatomy, behavioral science, biochemistry, genetics, microbiology, immunology, osteopathic principles, pathology, pharmacology, physiology and other areas of medical knowledge as they are relevant to solving clinical problems and promoting and maintaining health in providing osteopathic medical care to patients. Passing COMLEX-USA Level 1 is required for graduation with the Doctor of Osteopathic Medicine (DO) degree in the United States, and COMLEX-USA is used for licensure for DOs in all 50 states. Overall, U.S. osteopathic seniors who matched to their preferred specialty had *mean* COMLEX-USA Level 1 scores of 547.1 (s.d. = 77.1) well above the 2018 minimum passing score of 400. COMLEX-USA Level 1 scores were available for 99 percent of U.S. osteopathic seniors.

Chart 6 displays the COMLEX-USA Level 1 scores for U.S. osteopathic seniors by specialty and match status. The horizontal bars are the *median* values for successful applicants and the vertical lines show the interquartile ranges (IQR, the range of scores for applicants excluding the top and bottom quarters of the distribution). Unusually wide and unusually narrow IQRs often indicate small sample sizes.

For most specialties the IQRs of U.S. osteopathic seniors who matched to their preferred specialties are higher than those who did not match. The IQRs of unmatched osteopathic seniors overlapped or surpassed that of the matched osteopathic seniors for Dermatology, Interventional Radiology, and Neurological Surgery, but the sample sizes for those specialties are small.

**Chart
7**

**COMLEX-USA Level 2-CE Scores of U.S. Osteopathic Seniors
by Preferred Specialty and Match Status**



Source: NRMP Data Warehouse

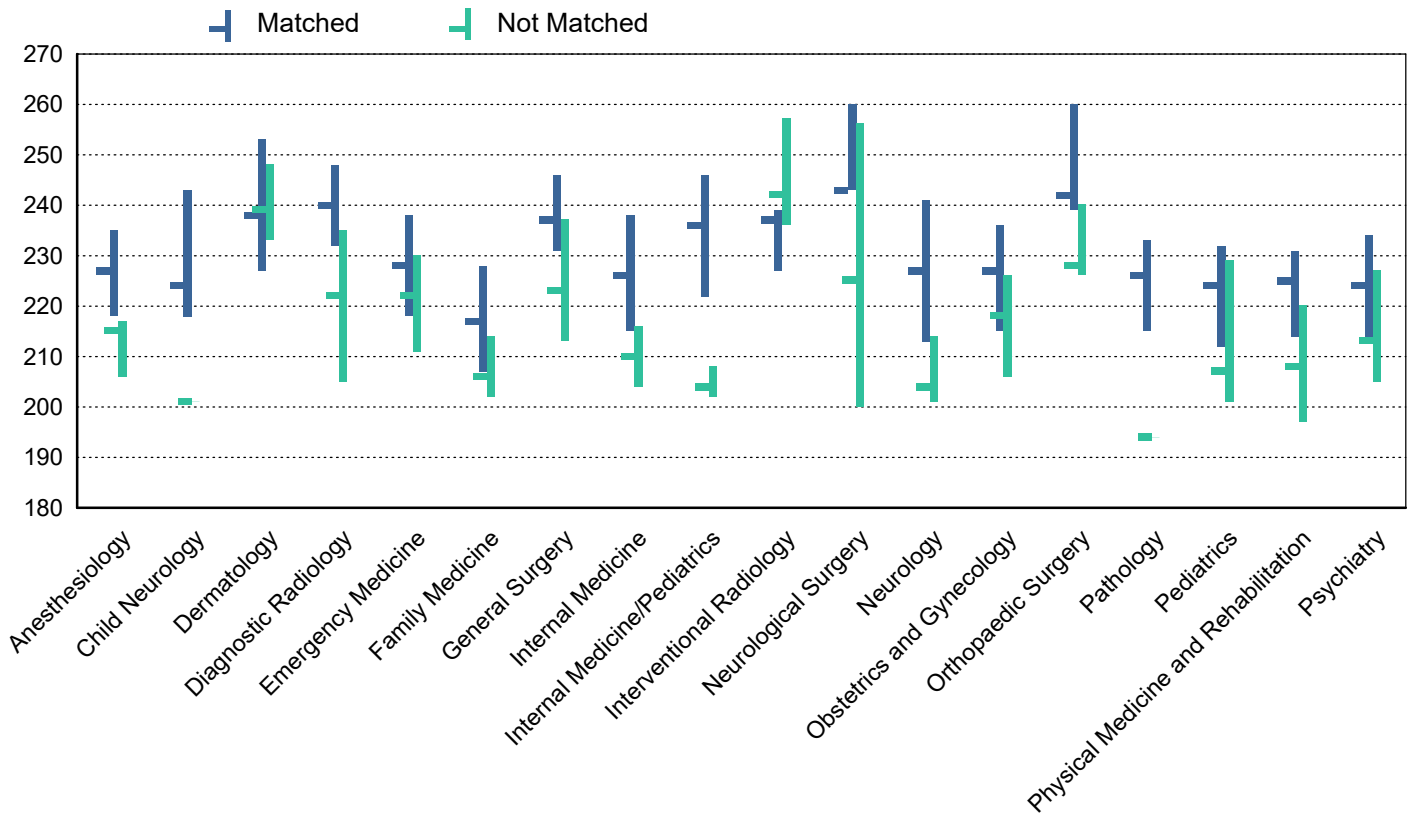
The COMLEX-USA Level 2-Cognitive Evaluation (CE) integrates the clinical disciplines of Emergency Medicine, Family Medicine, Internal Medicine, Obstetrics/Gynecology, Osteopathic Principles and Neuromusculoskeletal Medicine, Pediatrics, Psychiatry, Surgery, and other areas relevant to solving clinical problems and promoting and maintaining health in providing osteopathic medical care to patients. Passing COMLEX-USA Level 2-CE is required for graduation with the DO degree in the United States, and COMLEX-USA is used for licensure for DOs in all 50 states. Overall, U.S. osteopathic seniors who matched to their preferred specialty had mean COMLEX-USA Level 2-CE scores of 583.6 (s.d. = 95.0) well above the 2018 minimum passing score of 400. COMLEX-USA Level 2-CE scores were available for 98 percent of U.S. osteopathic seniors who participated in the Main Residency Match.

Chart 7 shows the COMLEX-USA Level 2-CE scores for U.S. osteopathic seniors by preferred specialty and match status. The horizontal bars are the median values for successful applicants and the vertical lines show the interquartile ranges (IQRs). Unusually wide and unusually narrow IQRs often indicate small sample sizes.

As with the Level 1 scores, for most specialties the IQRs of U.S. osteopathic seniors who matched to their preferred specialties are higher than those who did not match. Unmatched U.S. osteopathic seniors had higher median scores than their matched counterparts in Interventional Radiology and Neurological Surgery, but both sample sizes are small.

**Chart
8**

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



Source: NRMP Data Warehouse

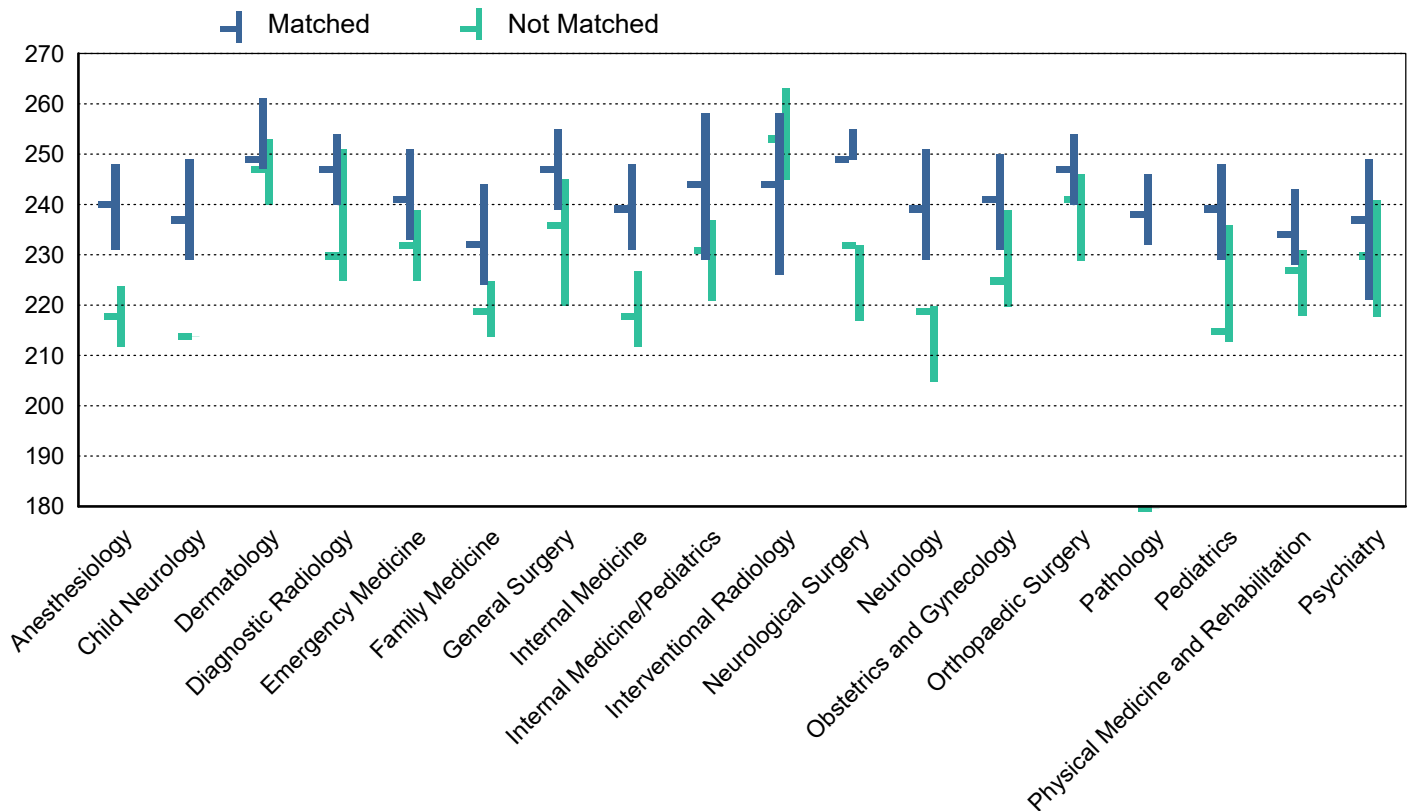
USMLE Step 1 scores are a measure of a student’s understanding of important basic science concepts and the ability to apply that knowledge to the practice of medicine. Although such knowledge is only one facet of applicant qualifications considered by program directors in their selection process, a Step 1 score is the only qualification that is universally available for all applicant types during the interview season and prior to the NRMP’s ranking deadline.

It is important to note that not all U.S. osteopathic seniors took the USMLE or reported the scores to the NRMP. Step 1 scores were available for only 60.7 percent of U.S. osteopathic seniors who gave consent to research. Overall, U.S. osteopathic seniors who matched to their preferred specialty had mean USMLE Step 1 scores of 226.6 (s.d. = 15.4) well above the 2018 minimum passing score of 194.

Chart 8 displays the Step 1 scores for U.S. osteopathic seniors by specialty and match status. The horizontal bars are the median values for successful applicants and the vertical lines show the interquartile ranges (IQRs). Unusually wide and unusually narrow IQRs often indicate small sample sizes. For almost specialties, the IQR of U.S. osteopathic seniors who matched to their preferred specialties was higher than those who did not match. Exceptions, such as Dermatology and Interventional Radiology, are specialties with a small number U.S. osteopathic seniors who preferred the specialty.

**Chart
9**

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



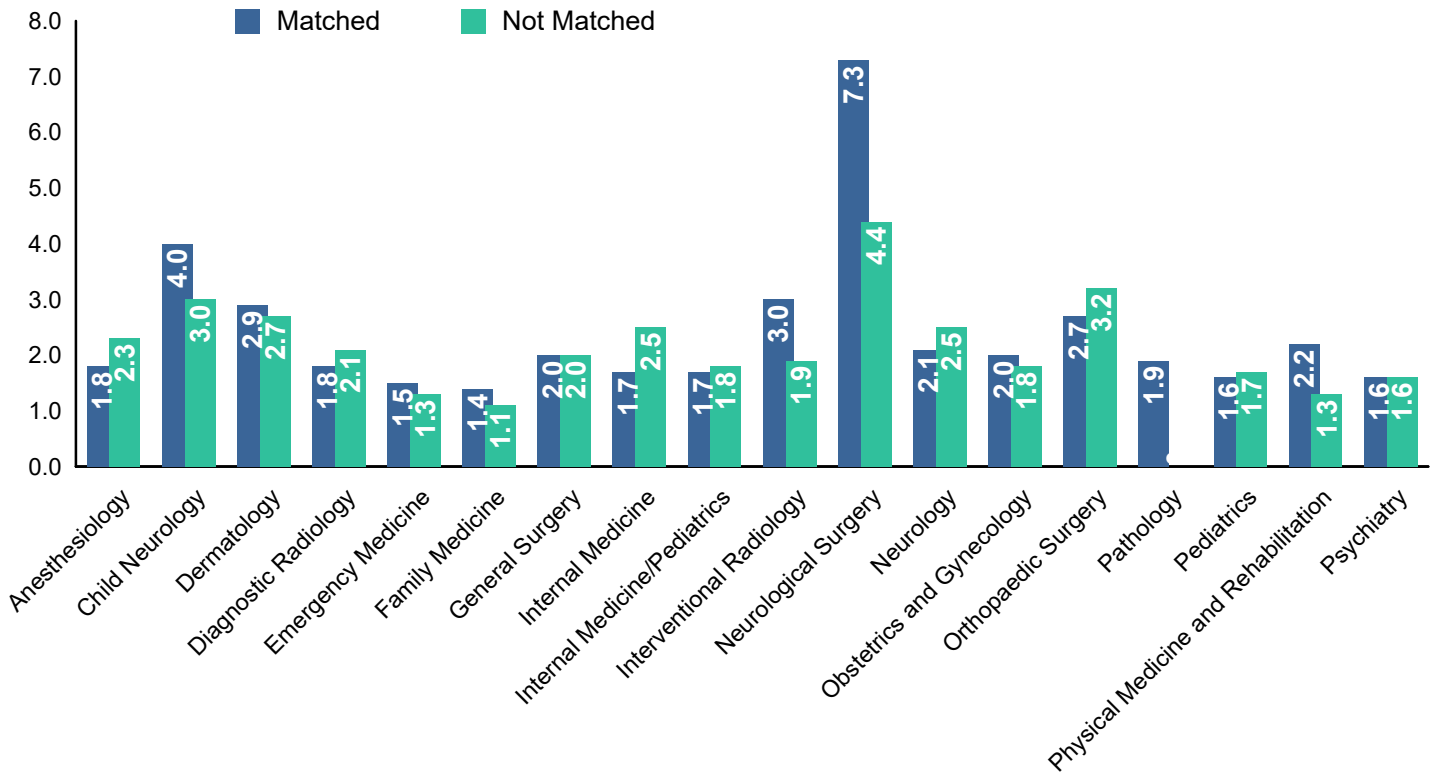
Sources: COMLEX scores provided by NBOME. Match outcomes from NRMP Data Warehouse

USMLE Step 2 Clinical Knowledge (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. Step 2 CK scores were available for only 52.5 percent of U.S. osteopathic seniors who gave consent to research. Overall, U.S. osteopathic seniors who matched to their preferred specialty had mean USMLE Step 2 CK scores of 240.0 (s.d. = 14.2) well above the 2018 minimum passing score of 209.

Chart 9 shows the Step 2 CK scores for U.S. osteopathic seniors by preferred specialty and match status. The horizontal bars are the median values for successful applicants and the vertical lines show the interquartile ranges (IQRs). Unusually wide and unusually narrow IQRs often indicate small sample sizes. As with the Step 1 scores, the more competitive specialties have higher average Step 2 CK scores, but the overall variation is smaller. For all specialties but Interventional Radiology, the IQR of U.S. osteopathic seniors who matched to their preferred specialties was higher than those who did not match.

**Chart
10**

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

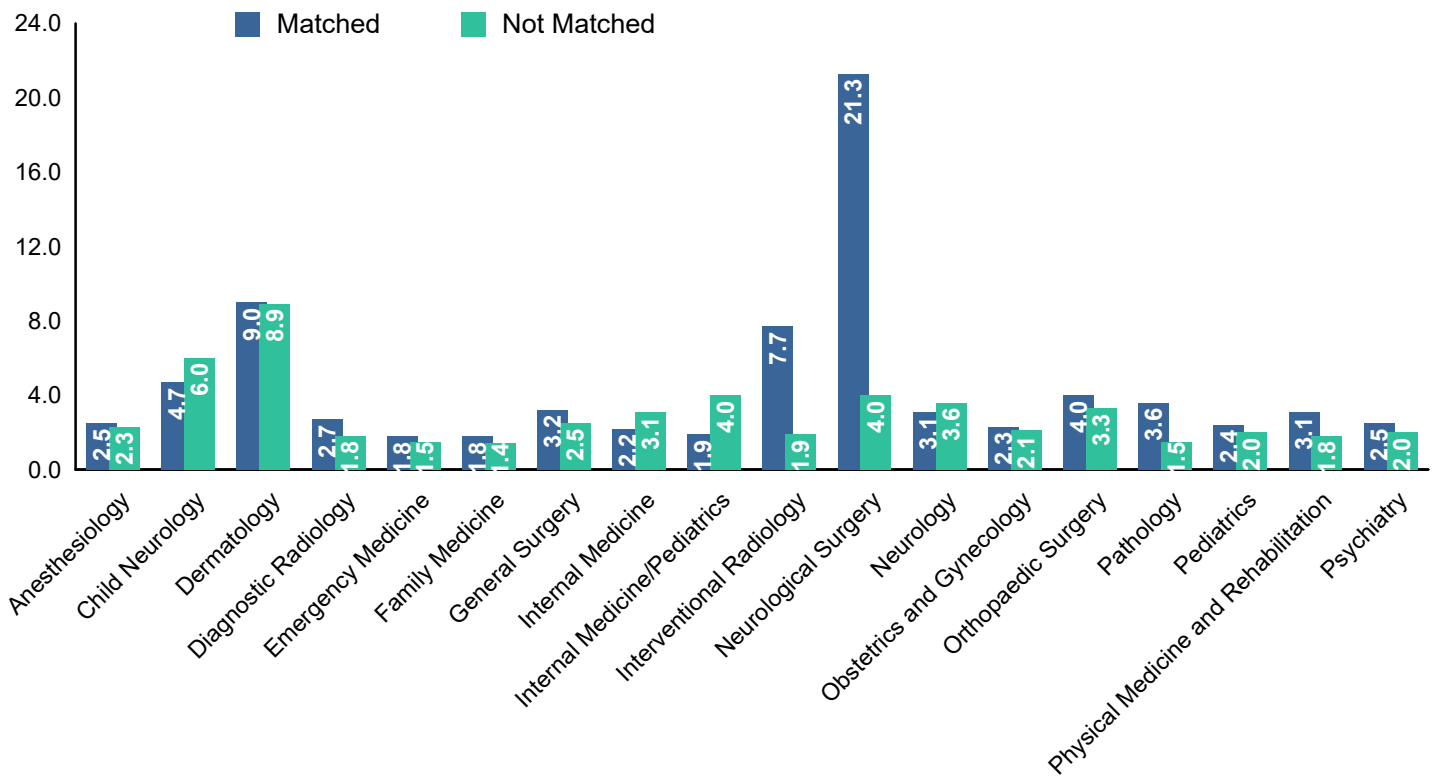


Source: NRMP Data Warehouse

Applicants were asked to report the number of research experiences they entered in their Electronic Residency Application Service (ERAS) applications. The experiences are not verified or evaluated and quality may vary greatly. Chart 10 shows the average number of research experiences by preferred specialty and Match outcome. U.S. osteopathic seniors averaged 1.7 research experiences, with 63.8 percent reporting at least one research experience. Across all specialties, there is no consistent pattern between matched and unmatched applicants based on the number of research experiences. In some specialties the mean number of research experiences was higher for matched applicants, and in other specialties the mean was higher for those who did not match. Although Neurological Surgery appears to be an outlier, only 10 U.S. osteopathic seniors preferred the specialty; thus, the mean is easily skewed by a small number of applicants.

**Chart
11**

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



Source: NRMP Data Warehouse

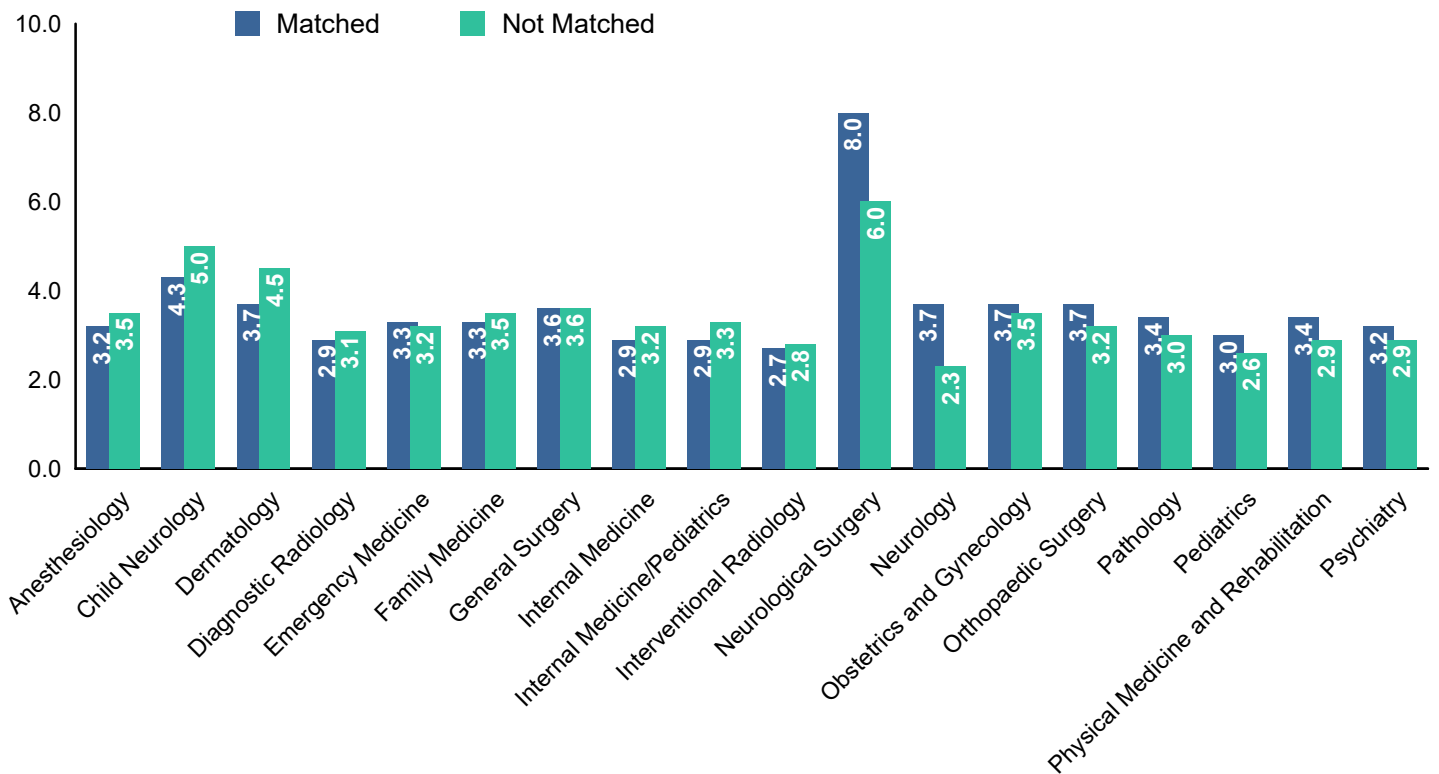
Applicants were asked to list the number of abstracts, presentations, and publications they reported in their ERAS applications. This information is self-reported and may include peer-reviewed articles, abstracts, poster sessions, and invited national or regional presentations. Some residency programs 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 publications, 1 to 5 publications, and more than 5 publications. Chart 11 shows the mean number of publications by preferred specialty, and Match outcome.

Slightly more than half of U.S. osteopathic seniors (52.3%) reported at least one publication, with an average of 2.3 publications per applicant. Matched U.S. osteopathic seniors reported more publications in most specialties, with the exceptions of Child Neurology, Internal Medicine, Internal Medicine/Pediatrics, and Neurology. There are large gaps between the reported numbers of publications by matched and unmatched U.S. osteopathic seniors for Interventional Radiology and Neurological Surgery, but the numbers of U.S. osteopathic seniors who preferred those specialties are small and the means are easily skewed.

**Chart
12**

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

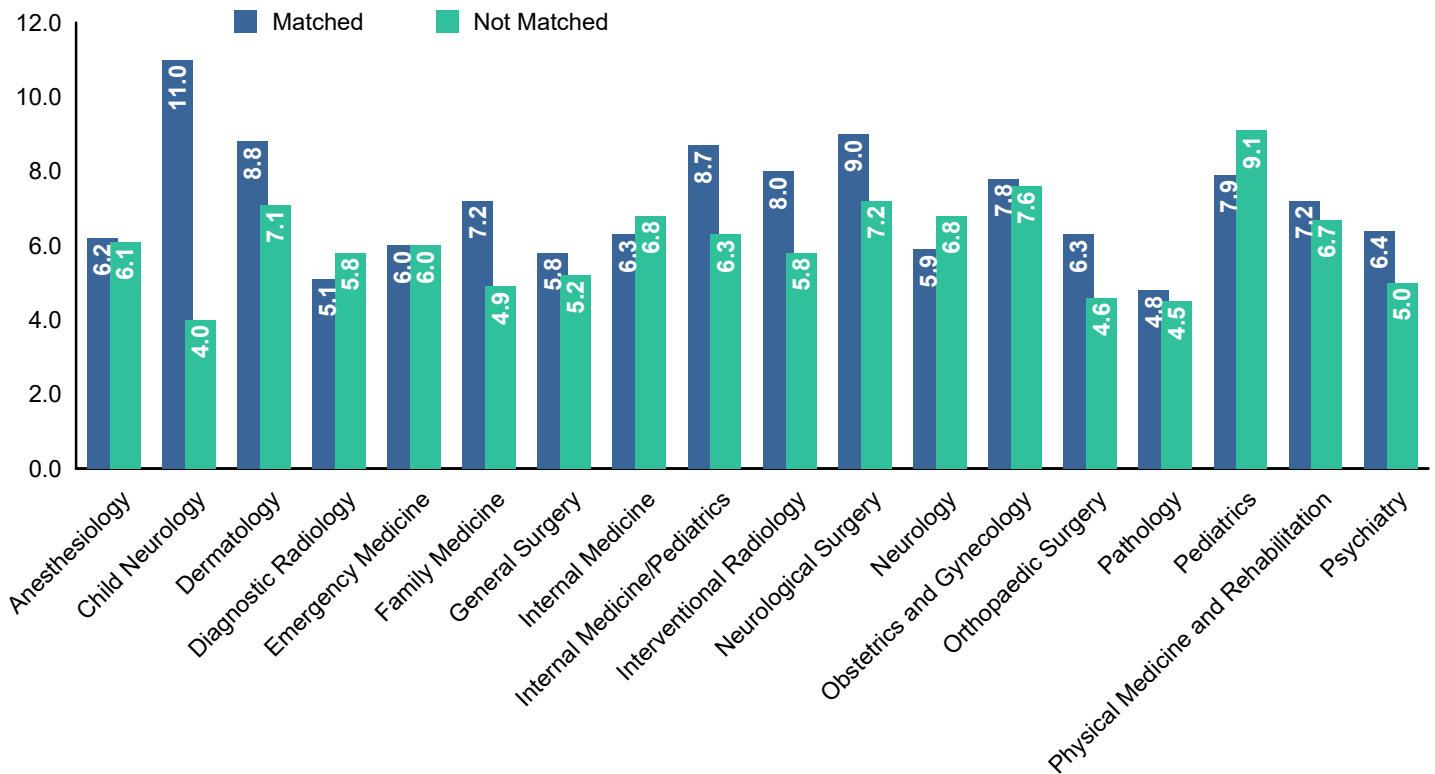


Source: NRMP Data Warehouse

Applicants were asked to list the number of work experiences they reported in their ERAS applications. Chart 12 shows the mean number of work experiences by preferred specialty and Match outcome. U.S. osteopathic seniors averaged 3.2 work experiences, with 77.2 percent reporting at least one work experience. There is no discernable pattern between matched and unmatched U.S. osteopathic seniors across specialties.

**Chart
13**

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

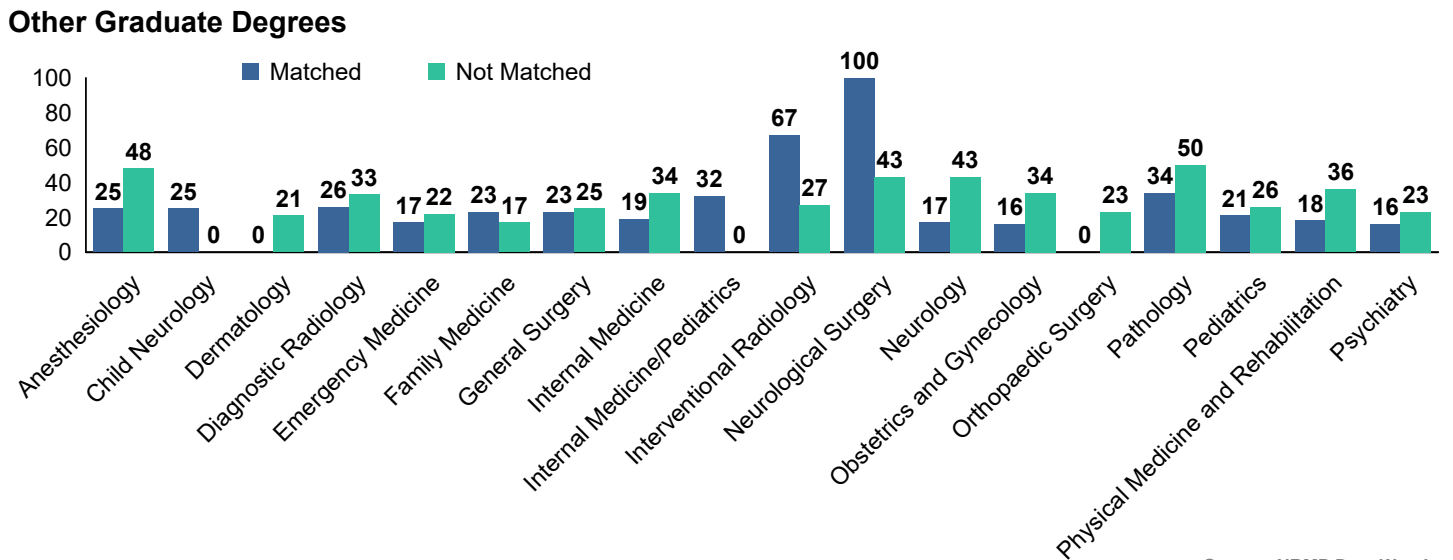
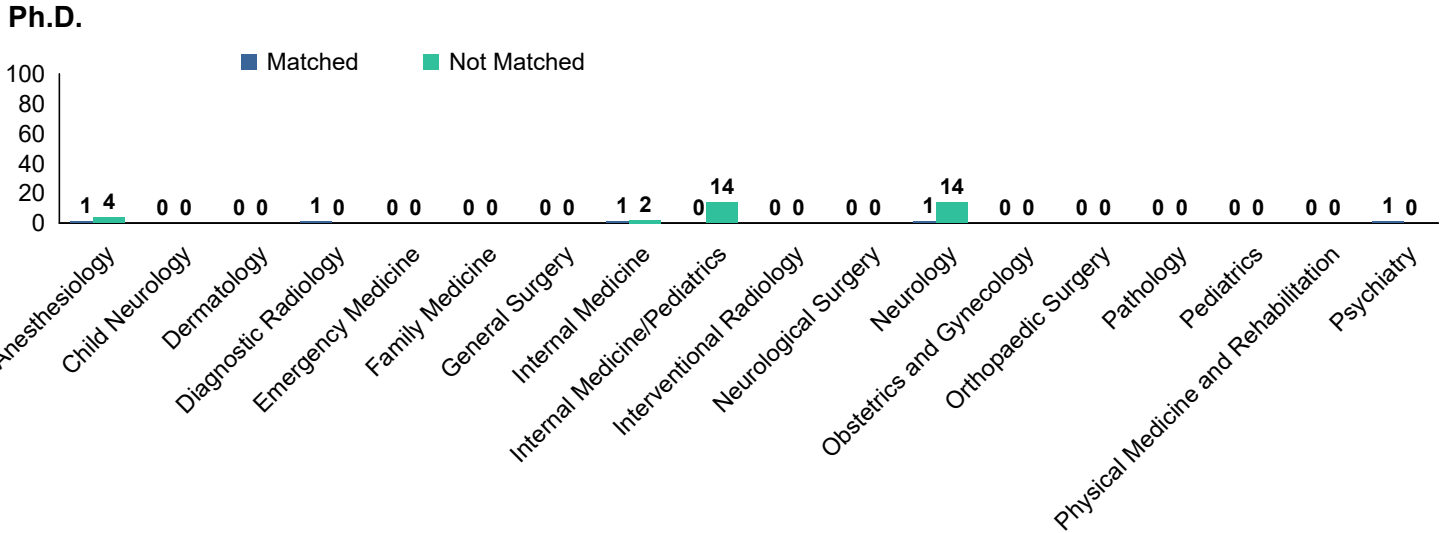


Source: NRMP Data Warehouse

Applicants were asked to list the number of volunteer experiences they reported in their ERAS applications. Chart 13 displays the mean number of volunteer experiences by preferred specialty and Match outcome. Matched U.S. osteopathic seniors in most specialties averaged more volunteer experiences when compared to their unmatched counterparts. The large majority (81.6%) of the U.S. osteopathic seniors reported at least one volunteer experience, with an average of 6.6 volunteer experiences for all U.S. osteopathic seniors.

**Chart
14**

**Percentage of U.S. Osteopathic 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. osteopathic seniors who have a Ph.D. or other graduate degrees. Very few U.S. osteopathic seniors had a Ph.D. degree. With the exception of Family Medicine, Interventional Radiology, and Neurological Surgery, a smaller percentage of U.S. osteopathic seniors who matched to their preferred specialty had another graduate degree compared to their unmatched counterparts. No matched U.S. osteopathic seniors in Dermatology and Orthopaedic Surgery and unmatched U.S. osteopathic seniors in Child Neurology and Internal Medicine/Pediatrics reported any data for analysis.

AN Anesthesiology

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

Measure	Matched (n=244)	Unmatched (n=24)
1. Mean number of contiguous ranks	11.2	2.8
2. Mean number of distinct specialties ranked	1.3	1.8
3. Mean COMLEX-USA Level 1 score	571	483
4. Mean COMLEX-USA Level 2-CE score	602	508
5. Mean USMLE Step 1 score	227	213
6. Mean USMLE Step 2 CK score	239	221
7. Mean number of research experiences	1.8	2.3
8. Mean number of abstracts, presentations, and publications	2.5	2.3
9. Mean number of work experiences	3.2	3.5
10. Mean number of volunteer experiences	6.2	6.1
11. Percentage who have a Ph.D. degree	0.9	4.3
12. Percentage who have another graduate degree	25.0	47.8

Source: NRMP Data Warehouse.

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

Chart AN-1

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

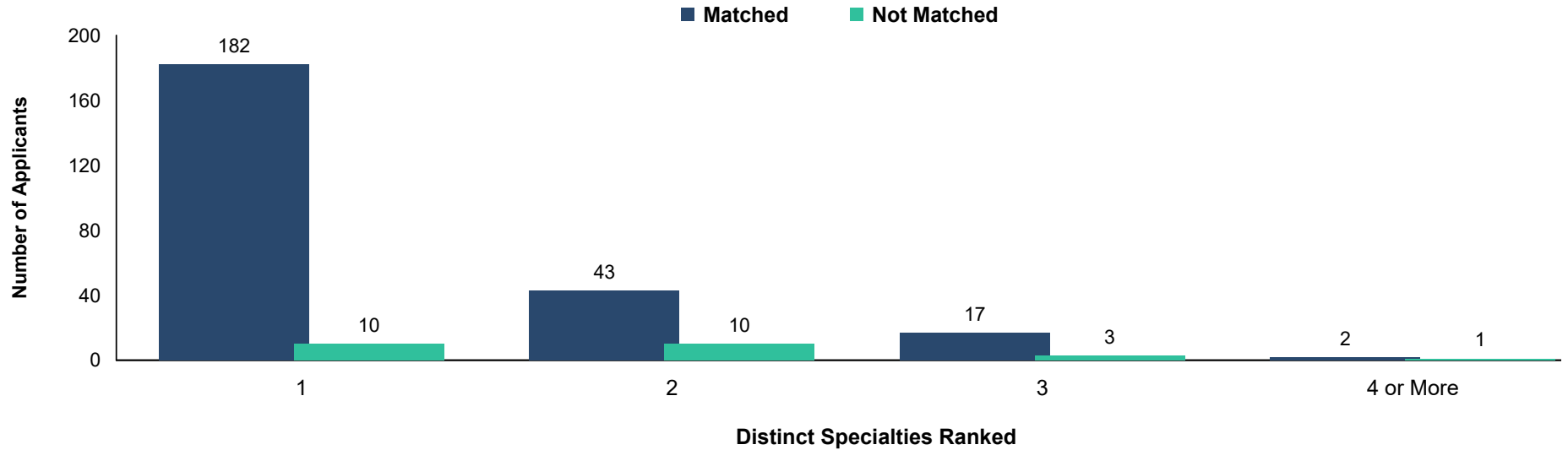
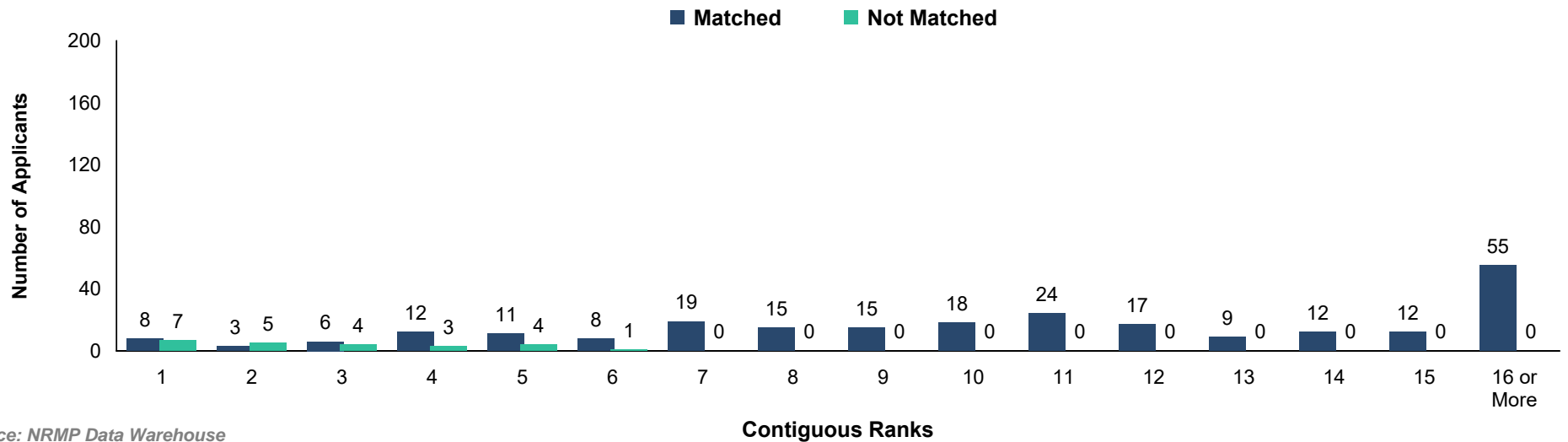


Chart AN-2

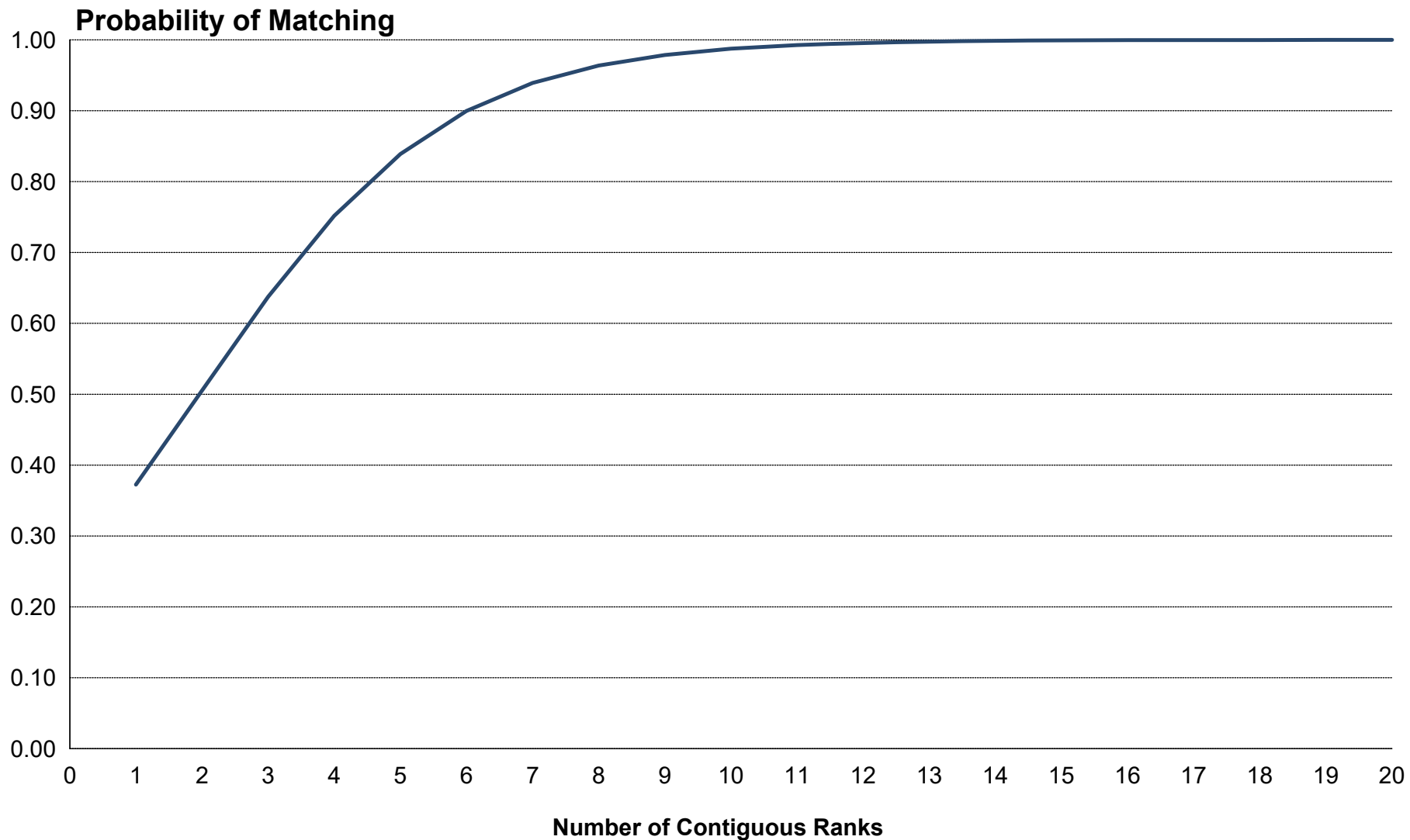
**Number of Contiguous Ranks of U.S. Osteopathic Seniors
Anesthesiology**



Source: NRMP Data Warehouse

**Graph
AN-1**

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



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2016-2018 applicants.

Chart AN-3

**COMLEX-USA Level 1 Scores of U.S. Osteopathic Seniors
Anesthesiology**

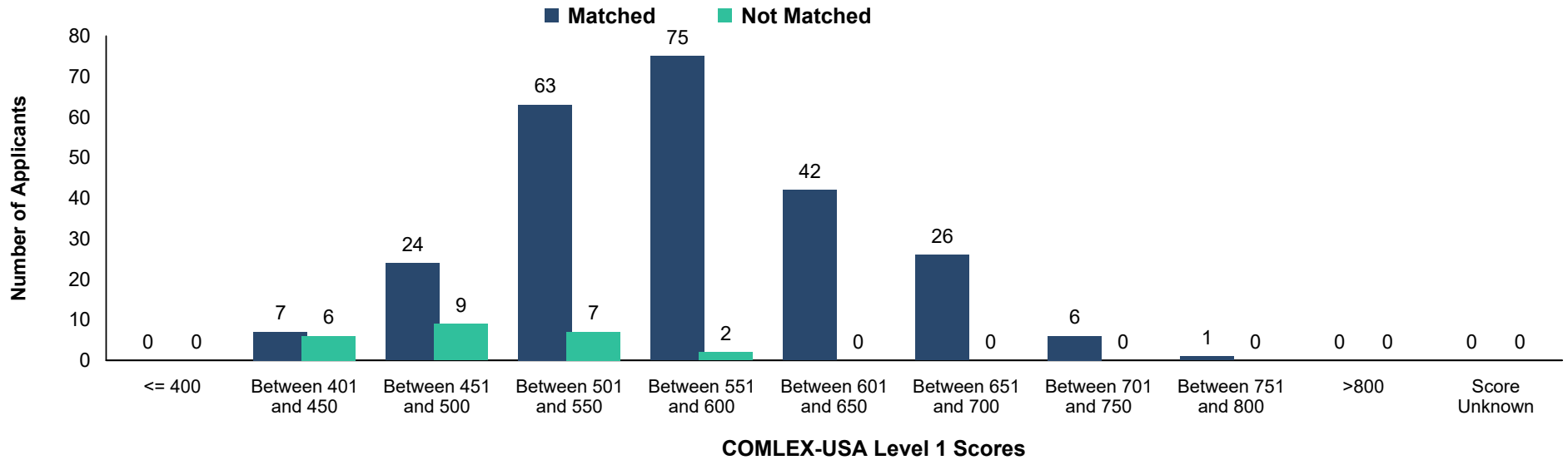
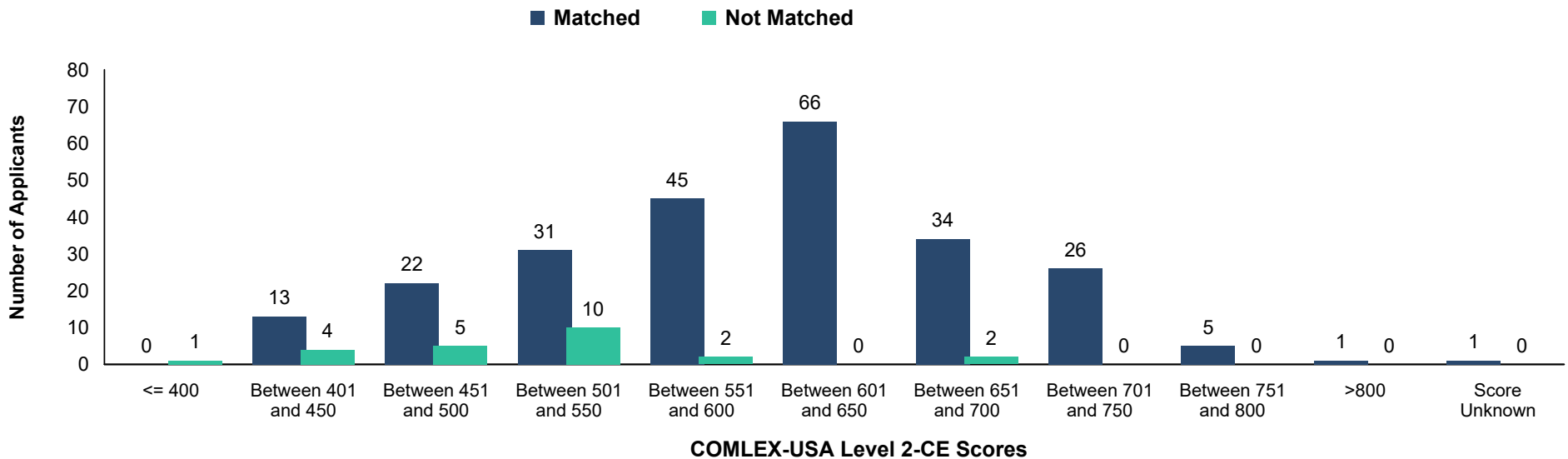


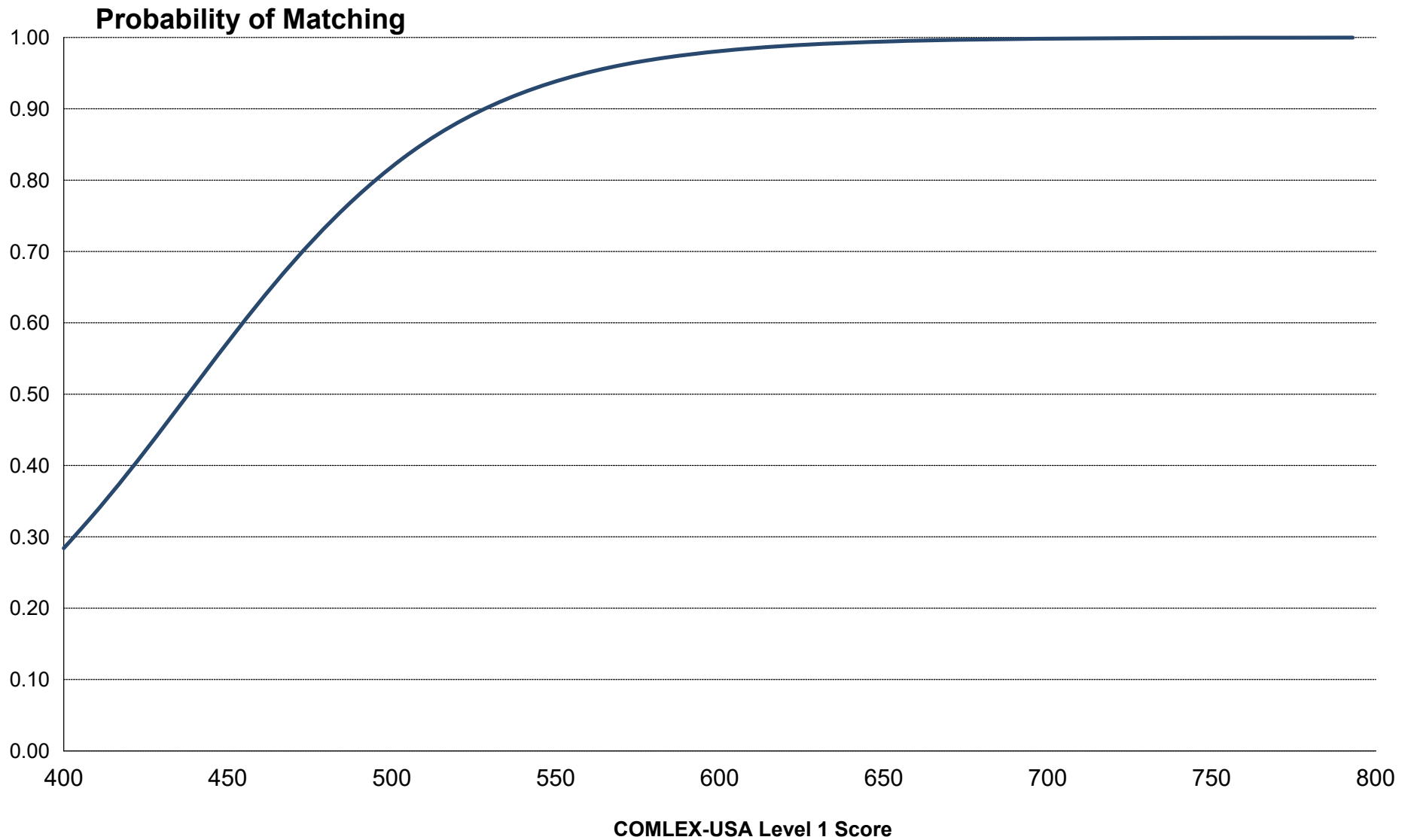
Chart AN-4

**COMLEX-USA Level 2-CE Scores of U.S. Osteopathic Seniors
Anesthesiology**



**Graph
AN-2**

Probability of U.S. Osteopathic Seniors Matching to Preferred Specialty by COMLEX-USA Level 1 Score
Anesthesiology



*Note: Probabilities calculated based on 2016-2018 applicants.
Sources: NRMP Data Warehouse; 2016 COMLEX-USA scores provided by NBOME.*

Chart AN-5 USMLE Step 1 Scores of U.S. Osteopathic Seniors
Anesthesiology

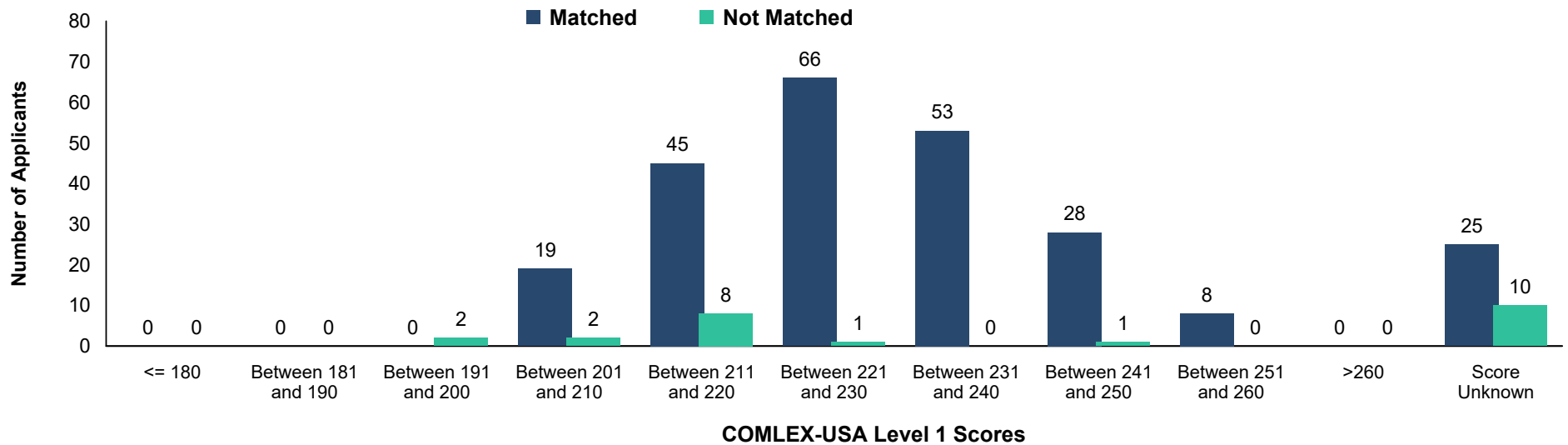
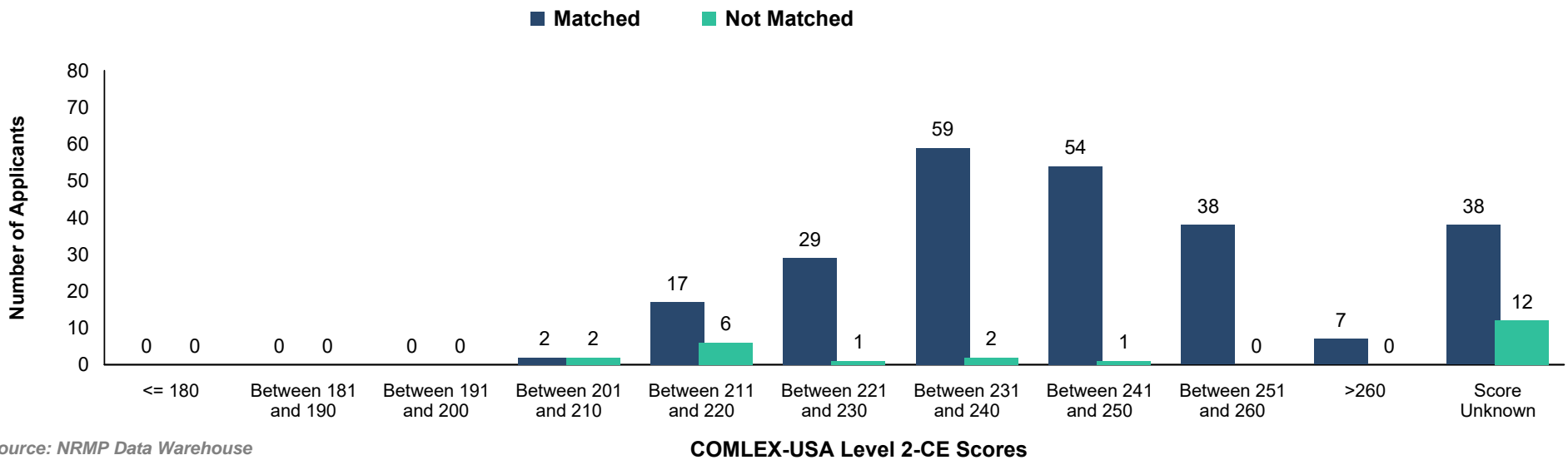


Chart AN-6 USMLE Step 2 CK Scores of U.S. Osteopathic Seniors
Anesthesiology



Source: NRMP Data Warehouse

Chart AN-7

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

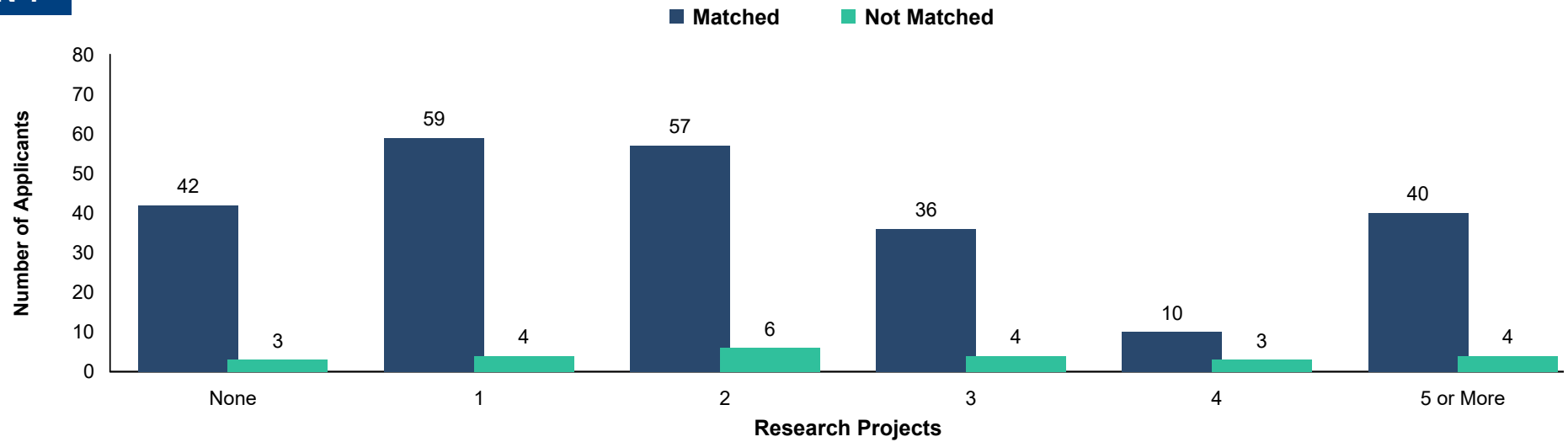
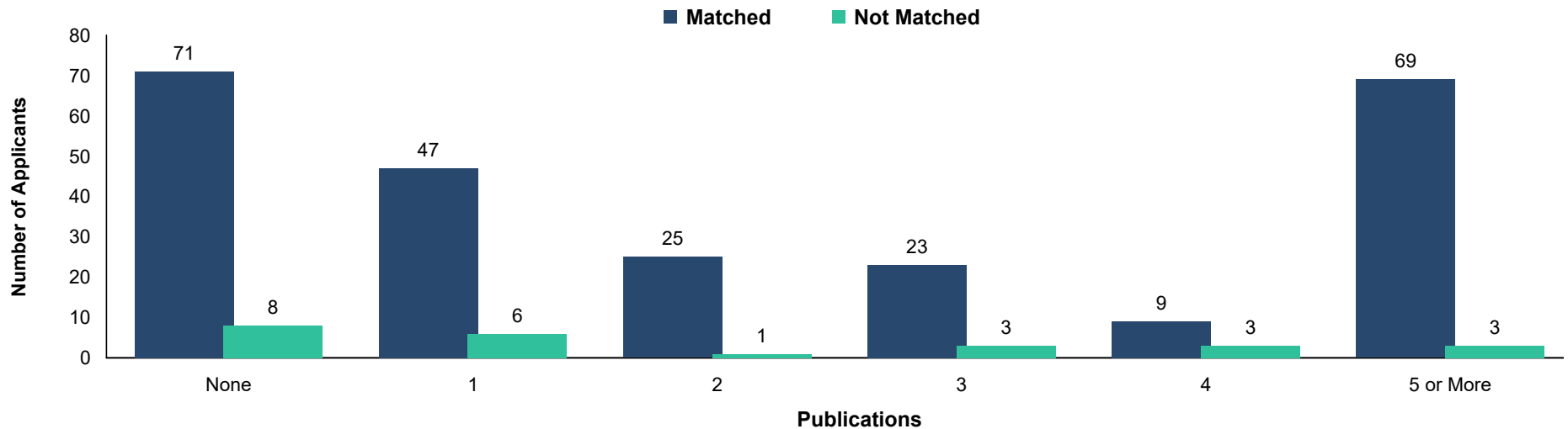


Chart AN-8

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



Source: NRMP Data Warehouse

Chart AN-9

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

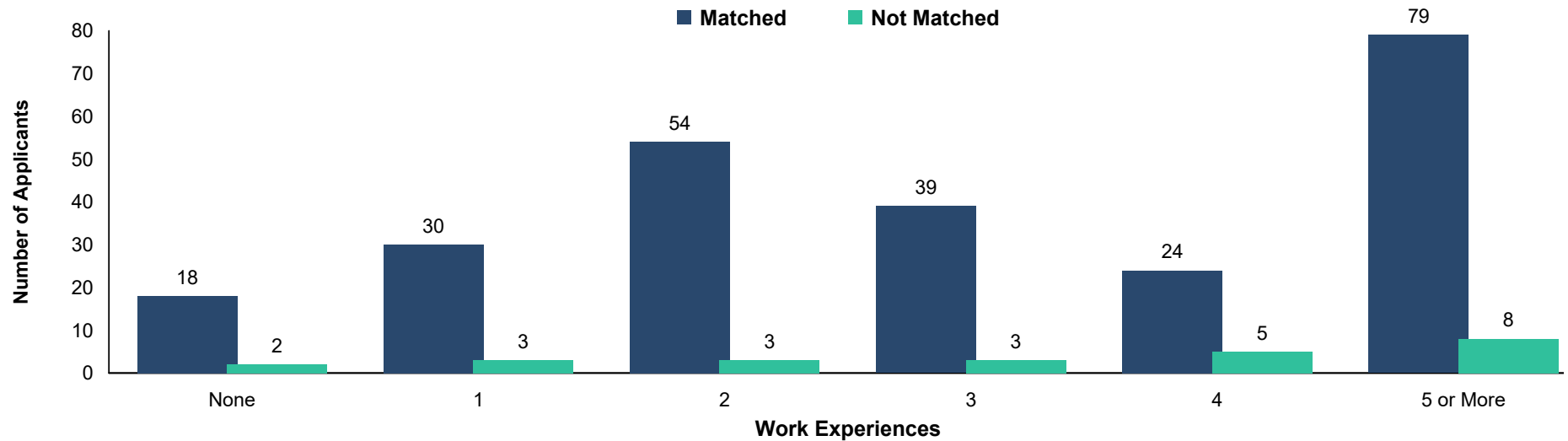
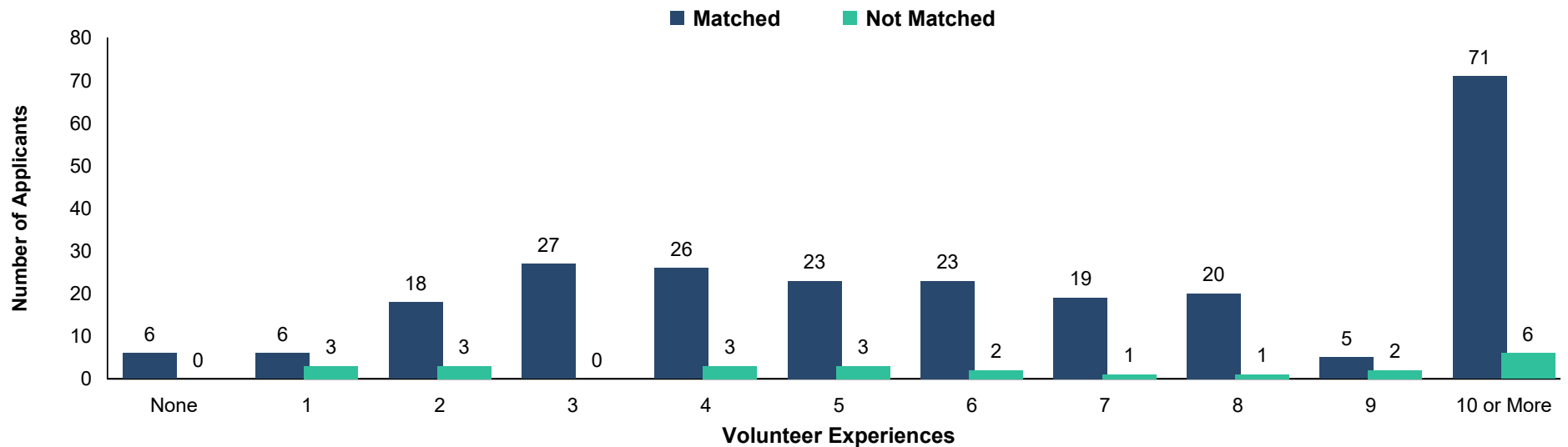


Chart AN-10

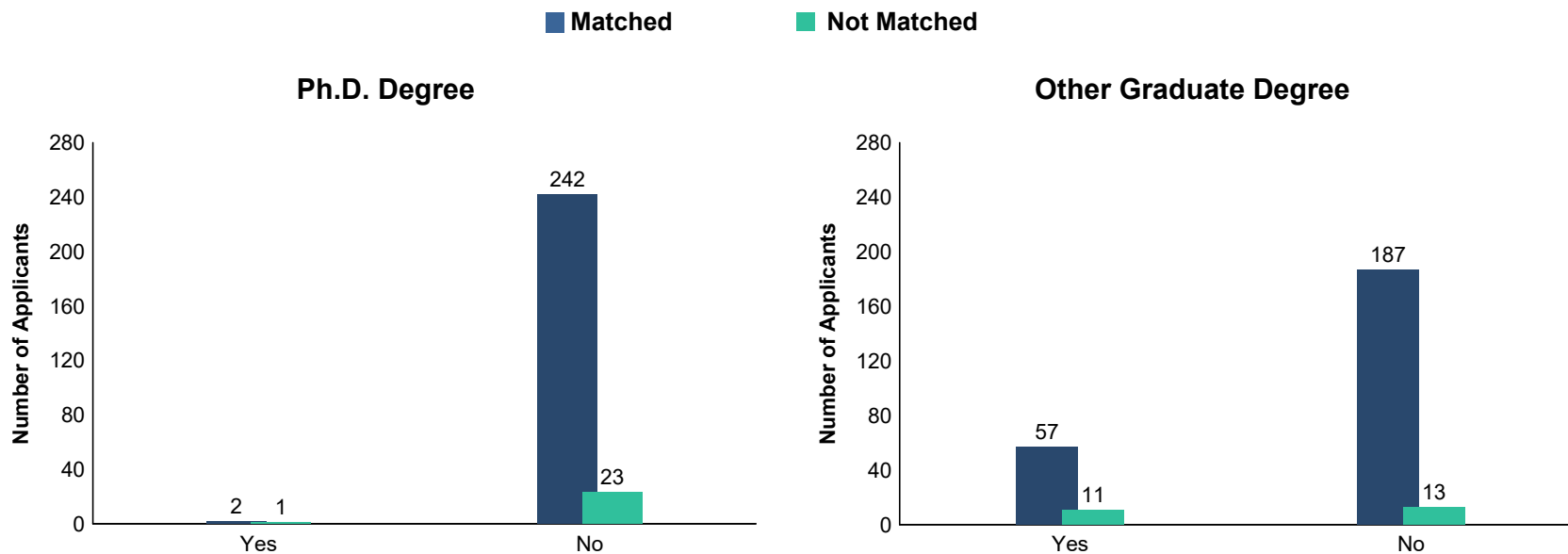
**Number of Volunteer Experiences of U.S. Osteopathic Seniors
Anesthesiology**



Source: NRMP Data Warehouse

**Chart
AN-11**

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



Source: NRMP Data Warehouse.

CN Child Neurology

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

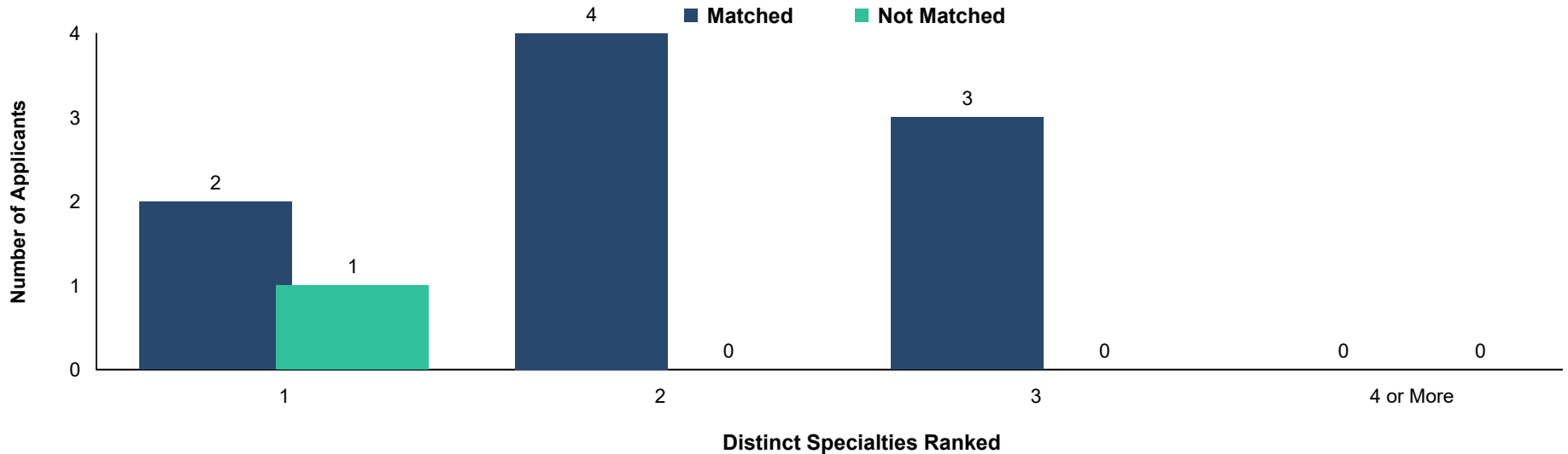
Measure	Matched (n=9)	Unmatched (n=1)
1. Mean number of contiguous ranks	6.0	3.0
2. Mean number of distinct specialties ranked	2.1	1.0
3. Mean COMLEX-USA Level 1 score	547	466
4. Mean COMLEX-USA Level 2-CE score	572	494
5. Mean USMLE Step 1 score	229	201
6. Mean USMLE Step 2 CK score	237	214
7. Mean number of research experiences	4.0	3.0
8. Mean number of abstracts, presentations, and publications	4.7	6.0
9. Mean number of work experiences	4.3	5.0
10. Mean number of volunteer experiences	11.0	4.0
11. Percentage who have a Ph.D. degree	0.0	0.0
12. Percentage who have another graduate degree	25.0	0.0

Source: NRMP Data Warehouse.

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

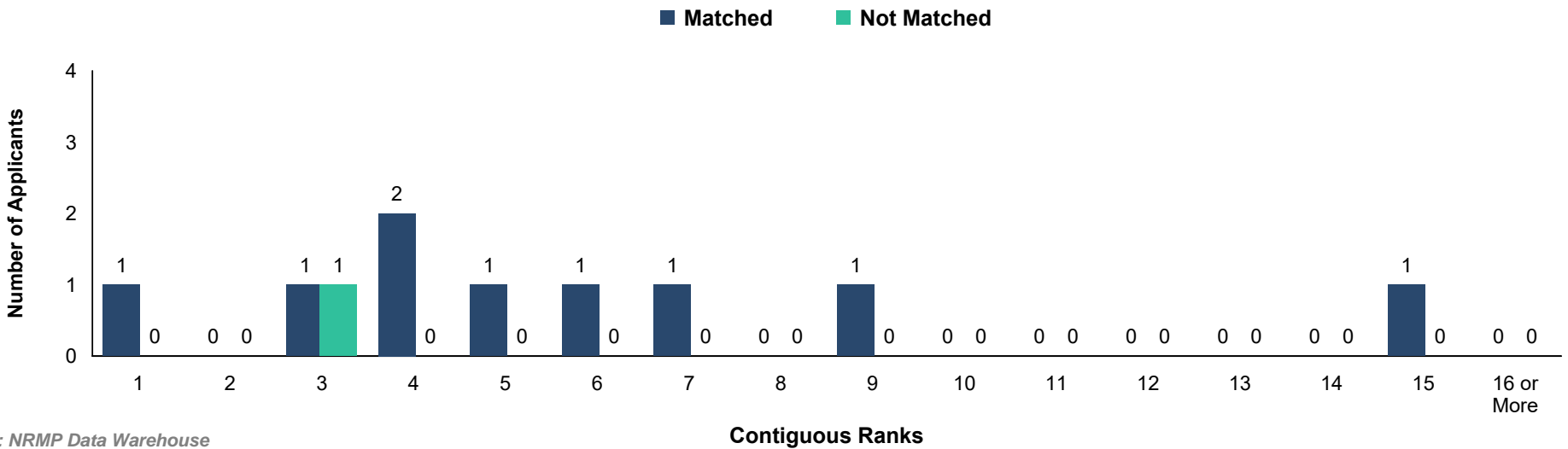
**Chart
CN-1**

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



**Chart
CN-2**

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

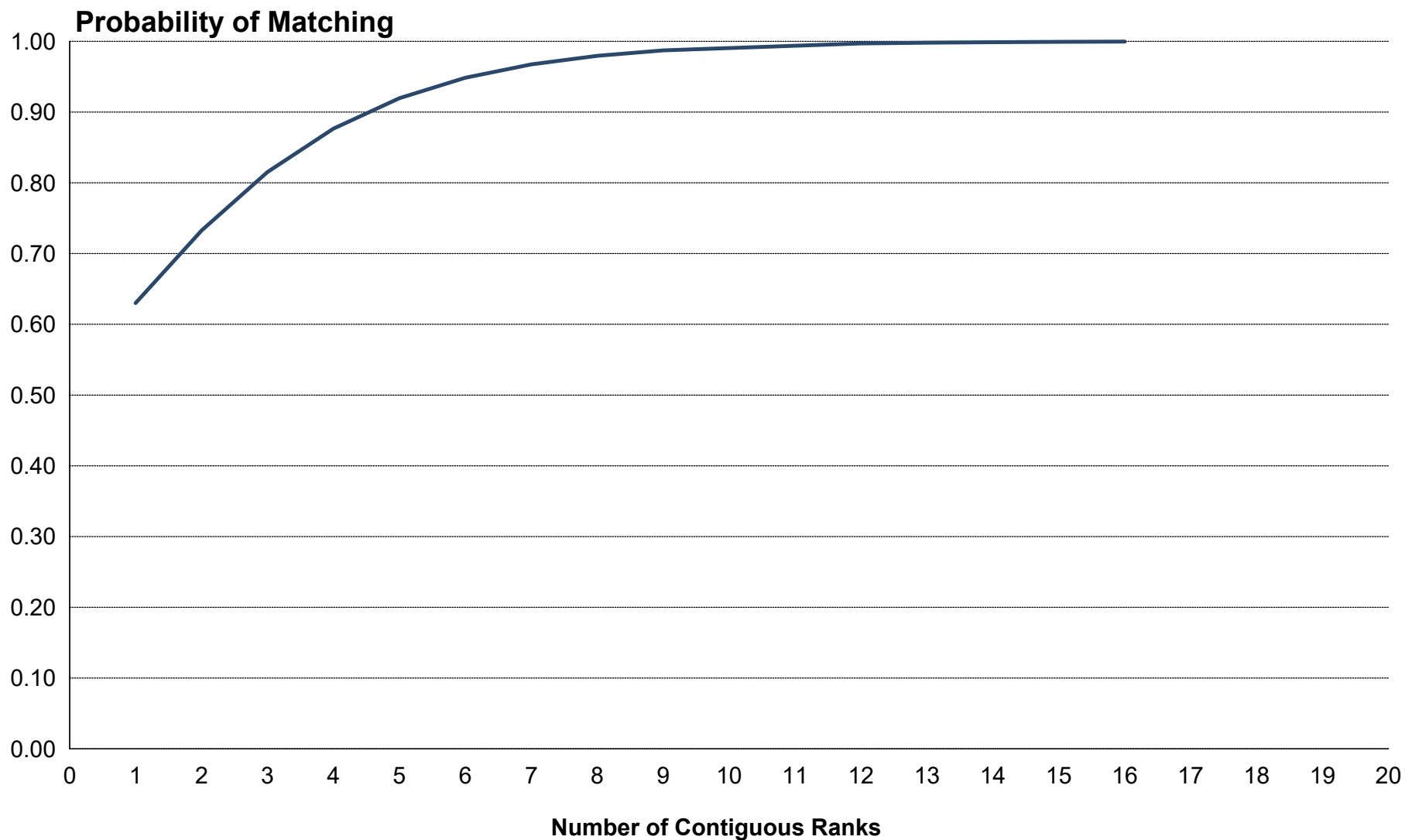


Source: NRMP Data Warehouse

**Graph
CN-1**

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

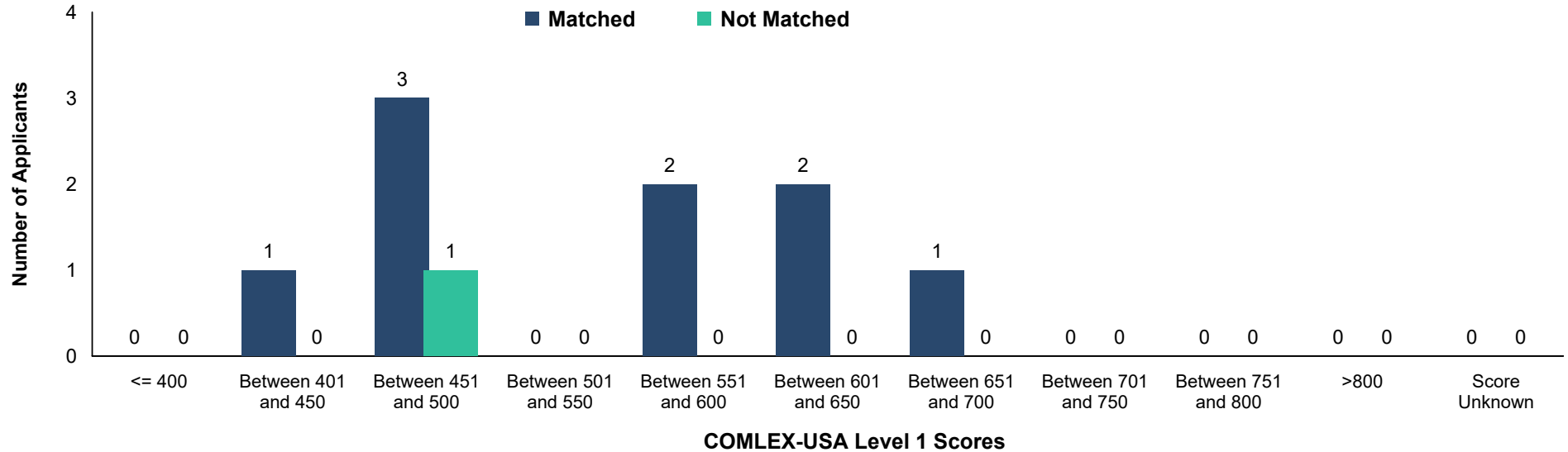
Child Neurology



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2016-2018 applicants.

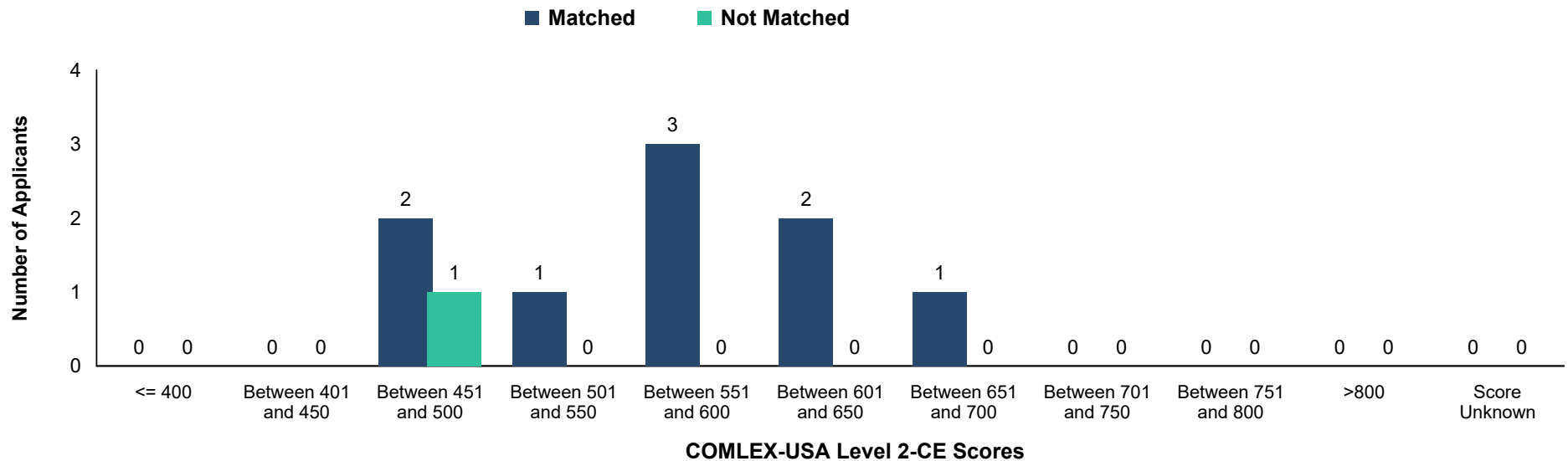
**Chart
CN-3**

**COMLEX-USA Level 1 Scores of U.S. Osteopathic Seniors
Child Neurology**



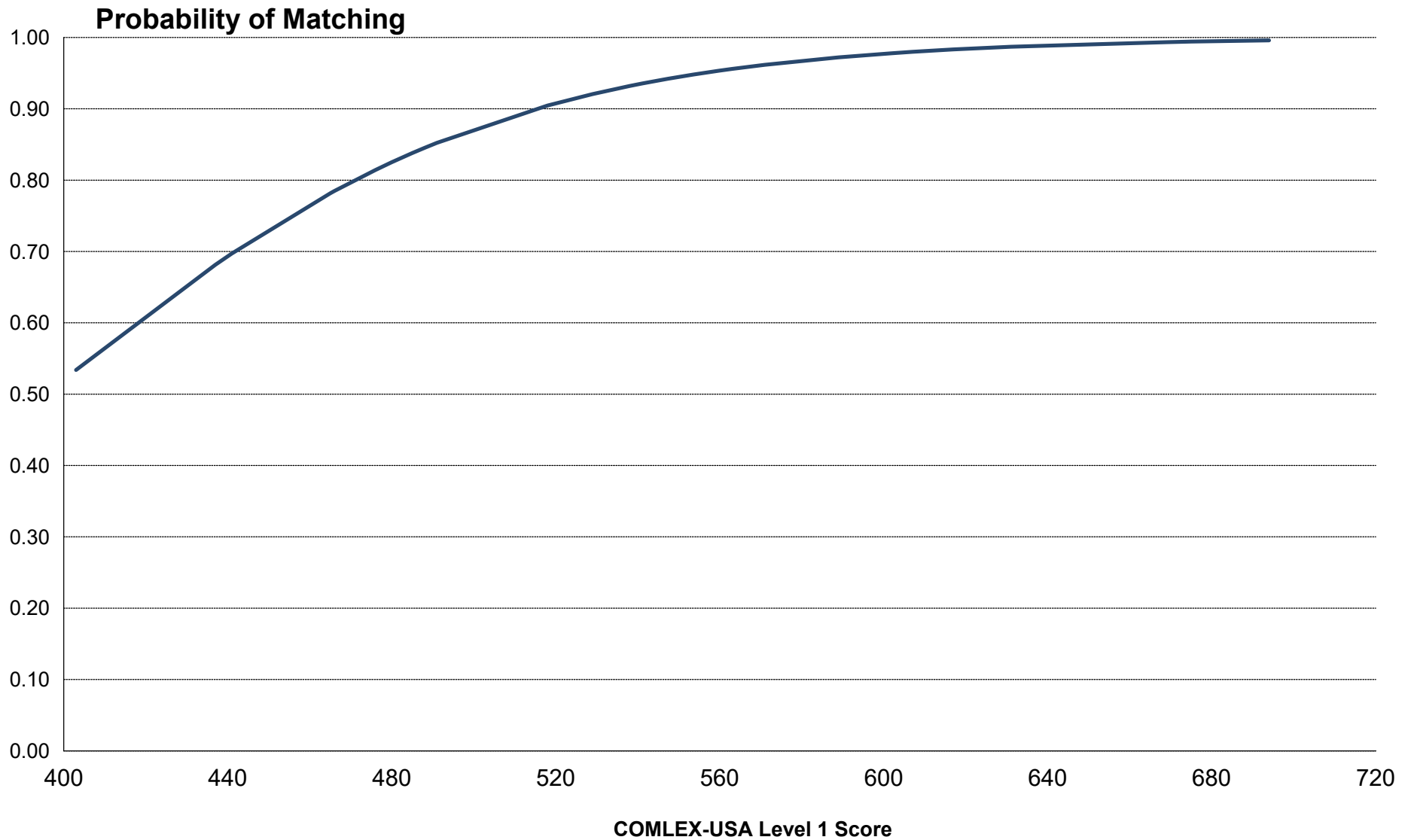
**Chart
CN-4**

**COMLEX-USA Level 2-CE Scores of U.S. Osteopathic Seniors
Child Neurology**



**Graph
CN-2**

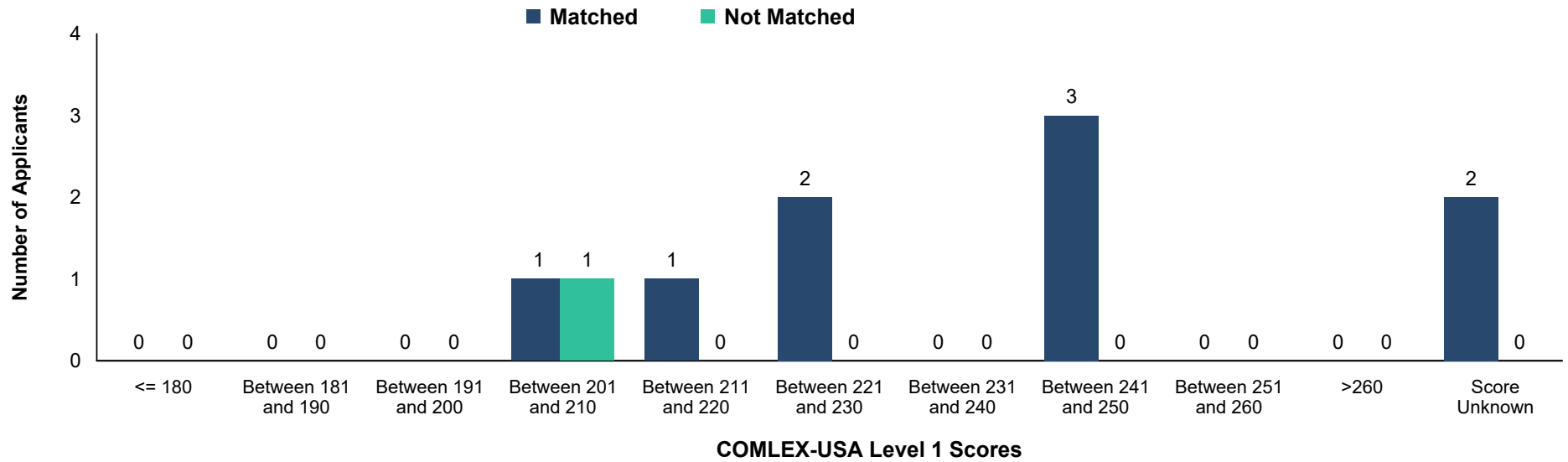
Probability of U.S. Osteopathic Seniors Matching to Preferred Specialty by COMLEX-USA Level 1 Score
Child Neurology



*Note: Probabilities calculated based on 2016-2018 applicants.
Sources: NRMP Data Warehouse; 2016 COMLEX-USA scores provided by NBOME.*

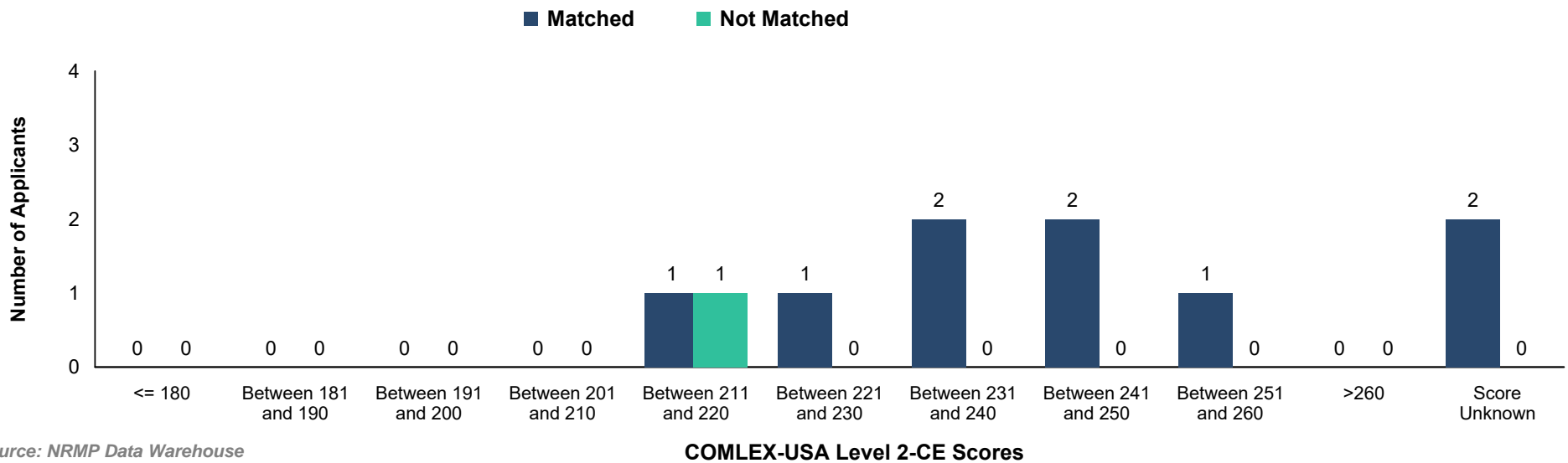
**Chart
CN-5**

**USMLE Step 1 Scores of U.S. Osteopathic Seniors
Child Neurology**



**Chart
CN-6**

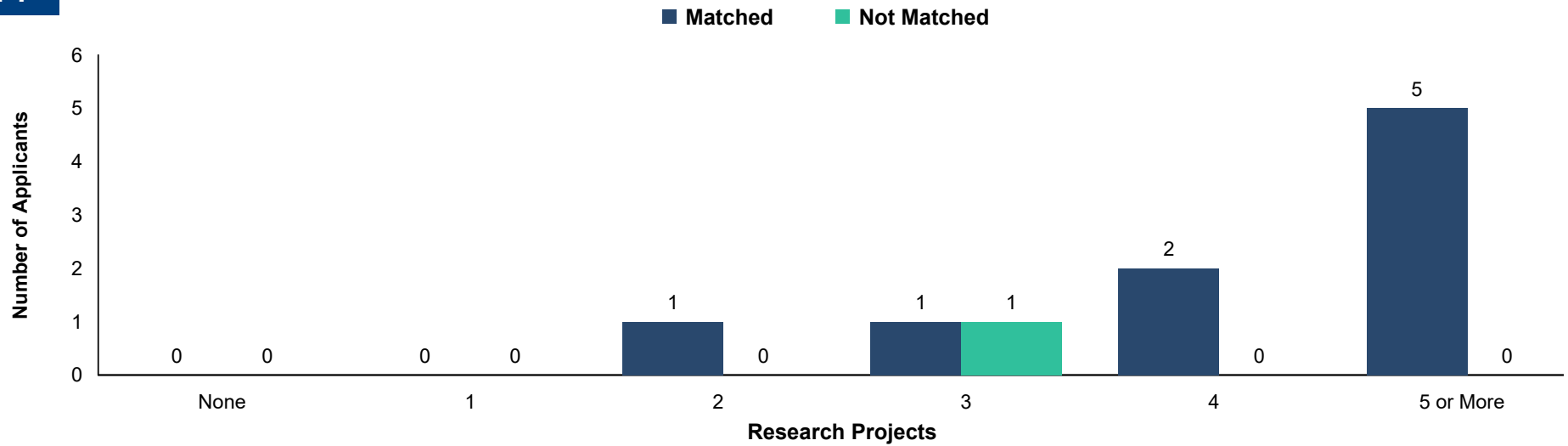
**USMLE Step 2 CK Scores of U.S. Osteopathic Seniors
Child Neurology**



Source: NRMP Data Warehouse

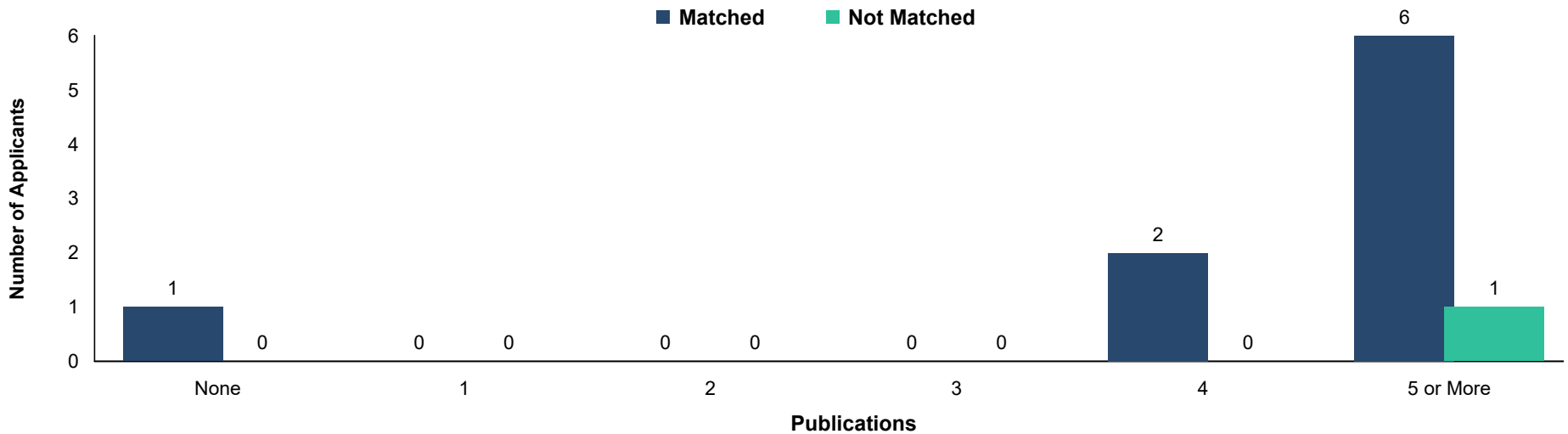
**Chart
CN-7**

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



**Chart
CN-8**

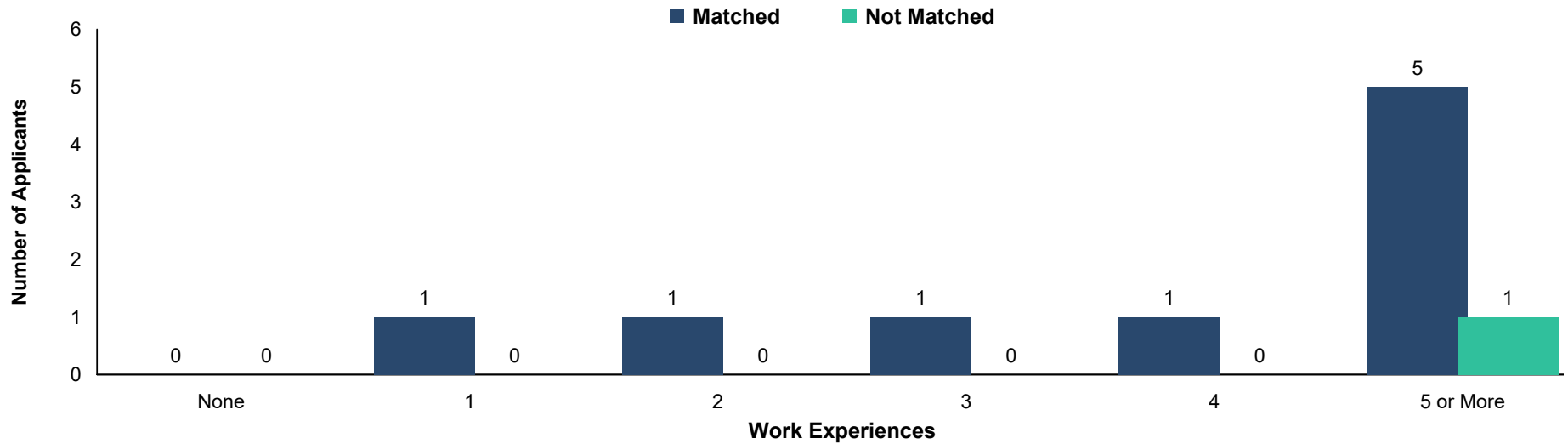
**Number of Abstracts, Presentations, and Publications of U.S. Osteopathic Seniors
Child Neurology**



Source: NRMP Data Warehouse

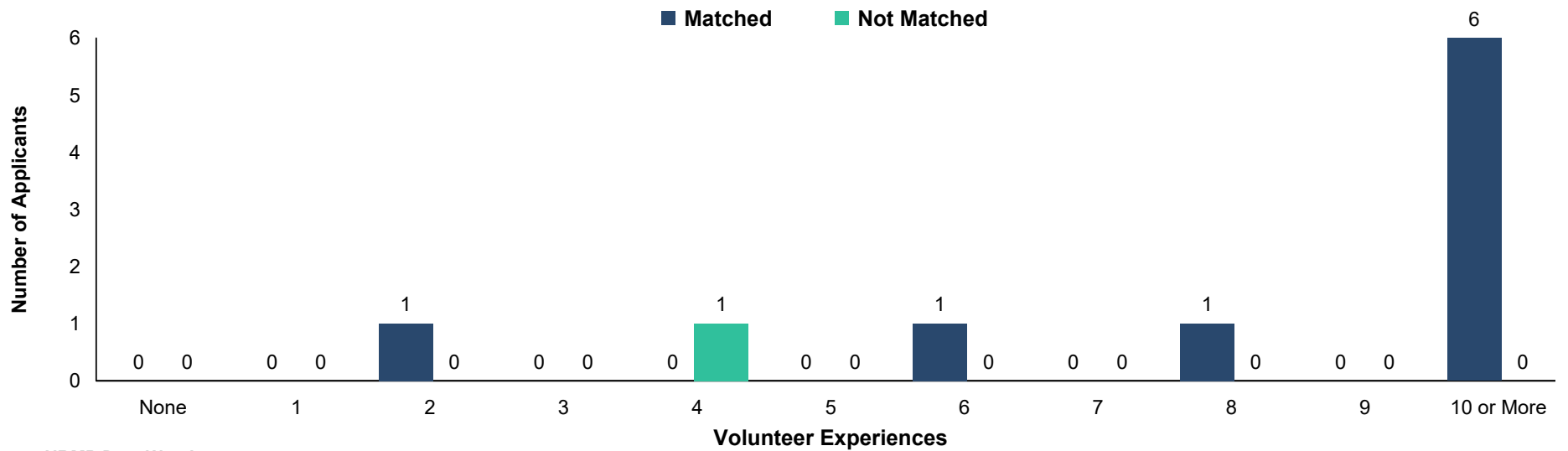
**Chart
CN-9**

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



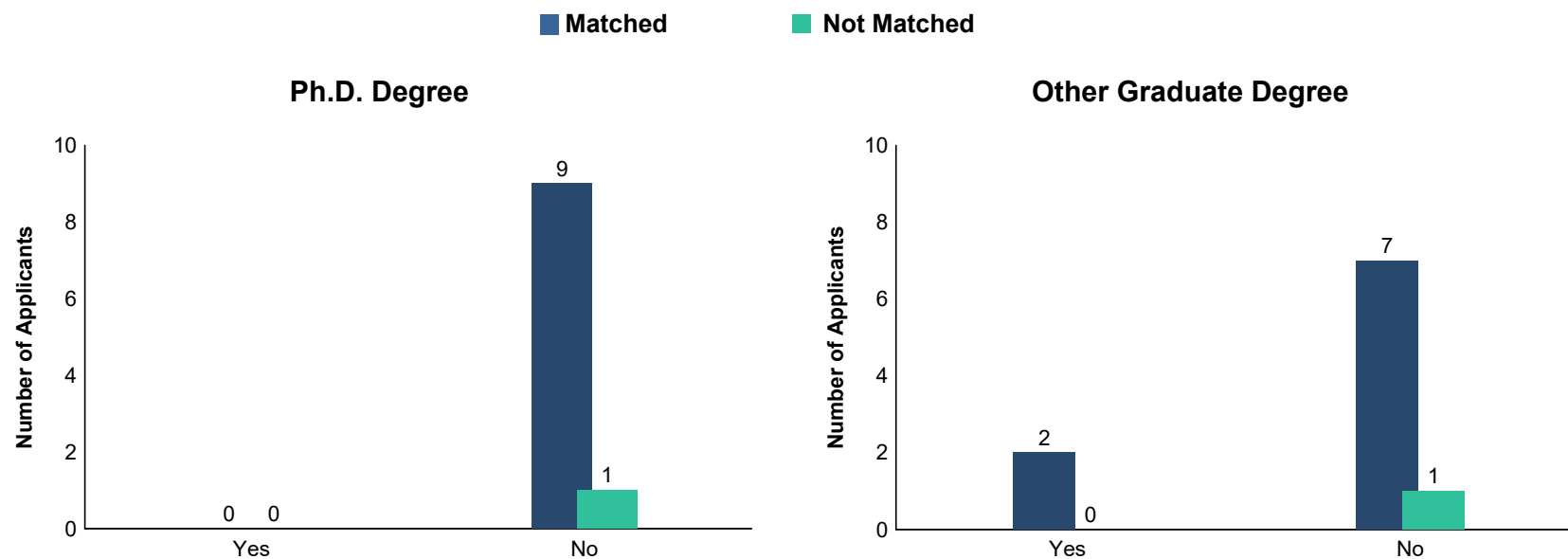
**Chart
CN-10**

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



Source: NRMP Data Warehouse

Other Characteristics of U.S. Osteopathic Seniors
Child Neurology



Source: NRMP Data Warehouse.

DM Dermatology

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

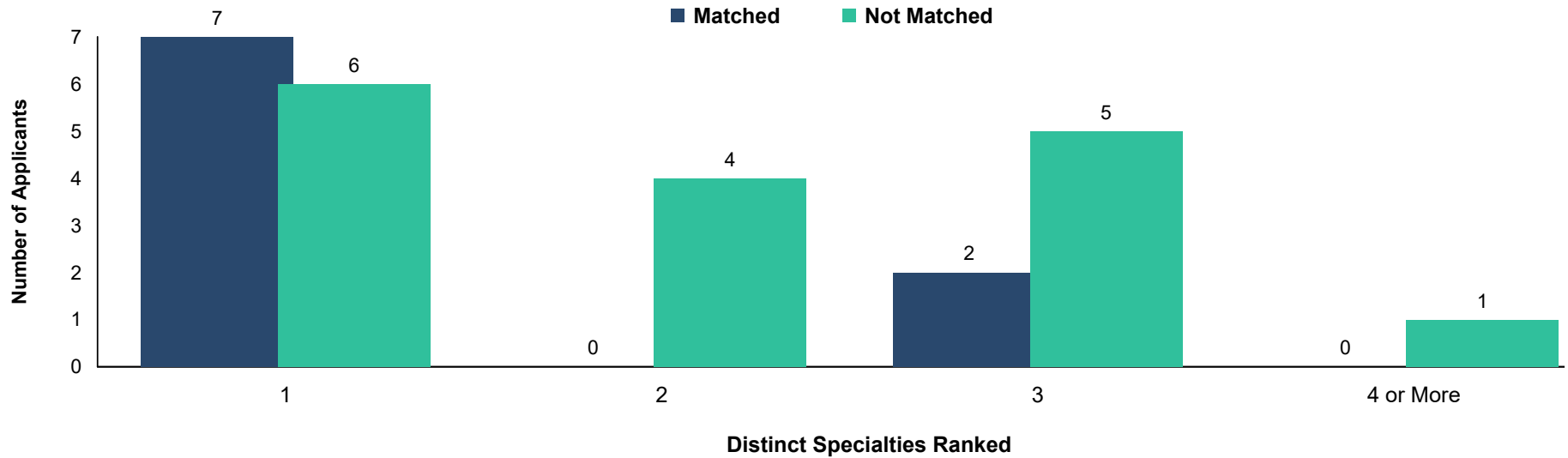
Measure	Matched (n=9)	Unmatched (n=16)
1. Mean number of contiguous ranks	3.2	1.9
2. Mean number of distinct specialties ranked	1.4	2.1
3. Mean COMLEX-USA Level 1 score	614	621
4. Mean COMLEX-USA Level 2-CE score	686	638
5. Mean USMLE Step 1 score	237	239
6. Mean USMLE Step 2 CK score	254	247
7. Mean number of research experiences	2.9	2.7
8. Mean number of abstracts, presentations, and publications	9.0	8.9
9. Mean number of work experiences	3.7	4.5
10. Mean number of volunteer experiences	8.8	7.1
11. Percentage who have a Ph.D. degree	0.0	0.0
12. Percentage who have another graduate degree	0.0	21.4

Source: NRMP Data Warehouse.

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

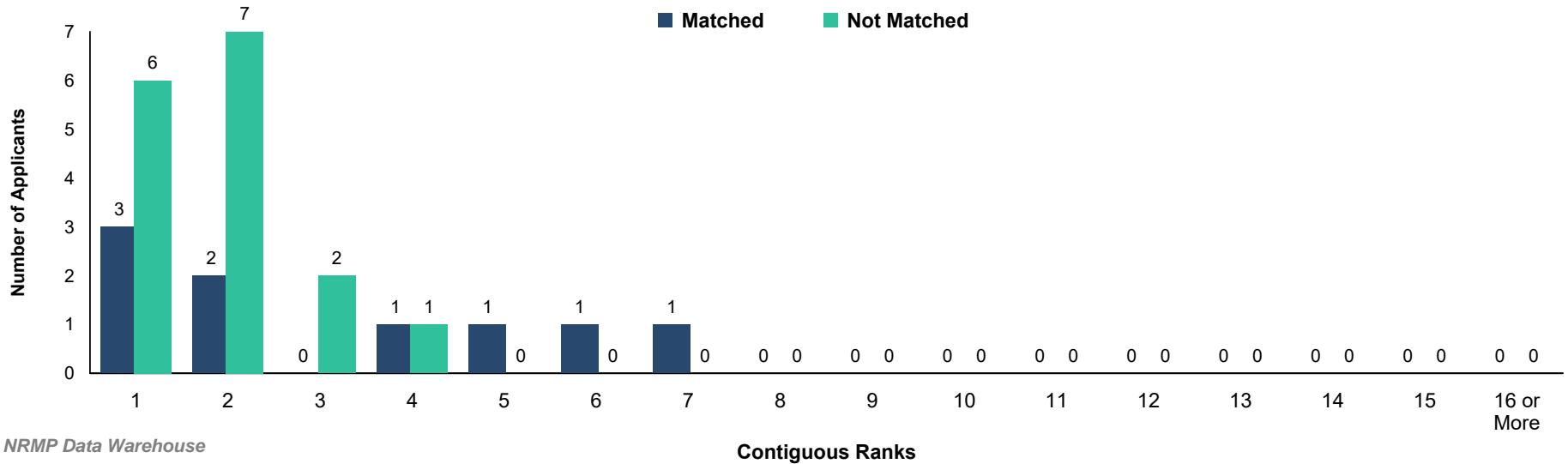
**Chart
DM-1**

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



**Chart
DM-2**

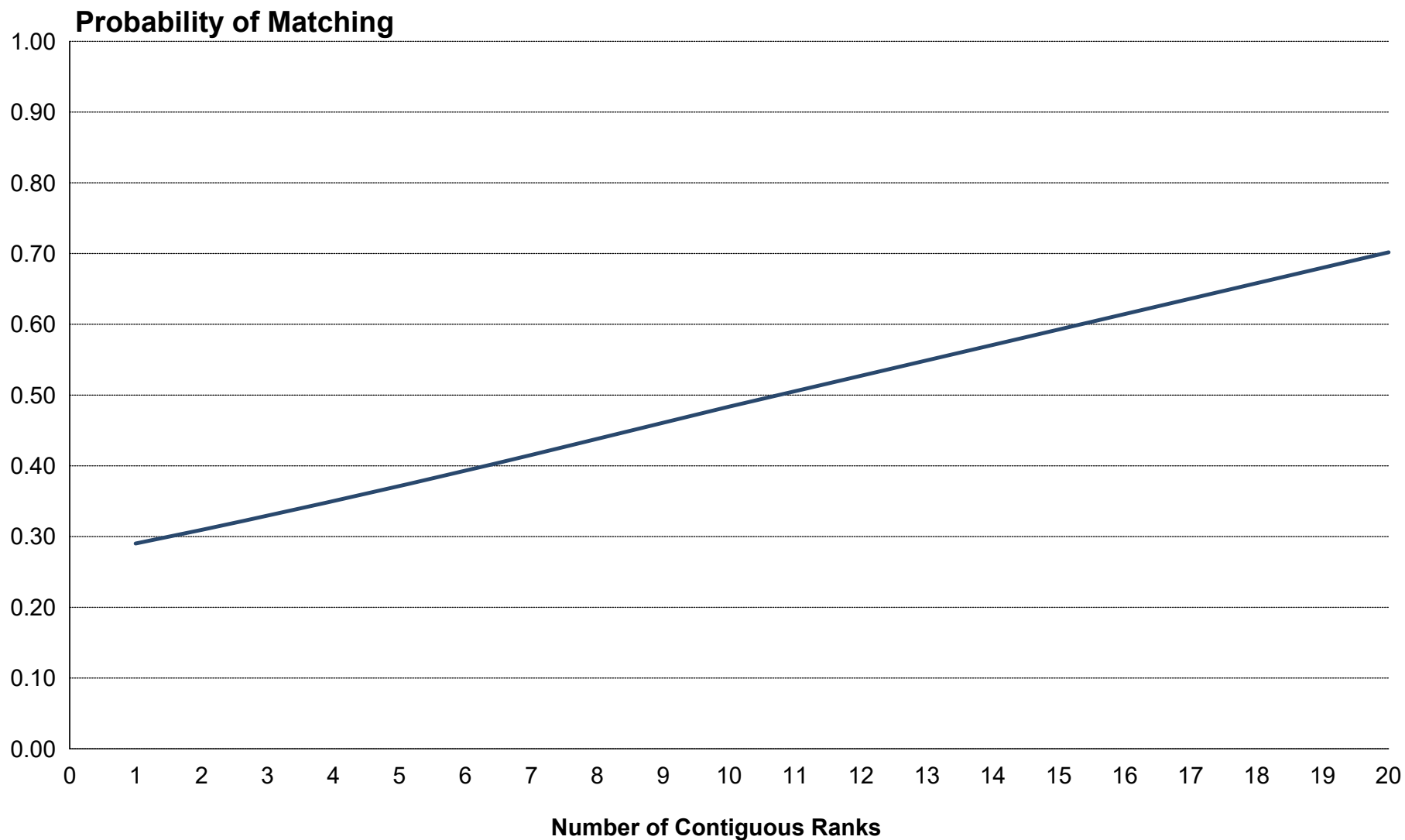
**Number of Contiguous Ranks of U.S. Osteopathic Seniors
Dermatology**



Source: NRMP Data Warehouse

**Graph
DM-1**

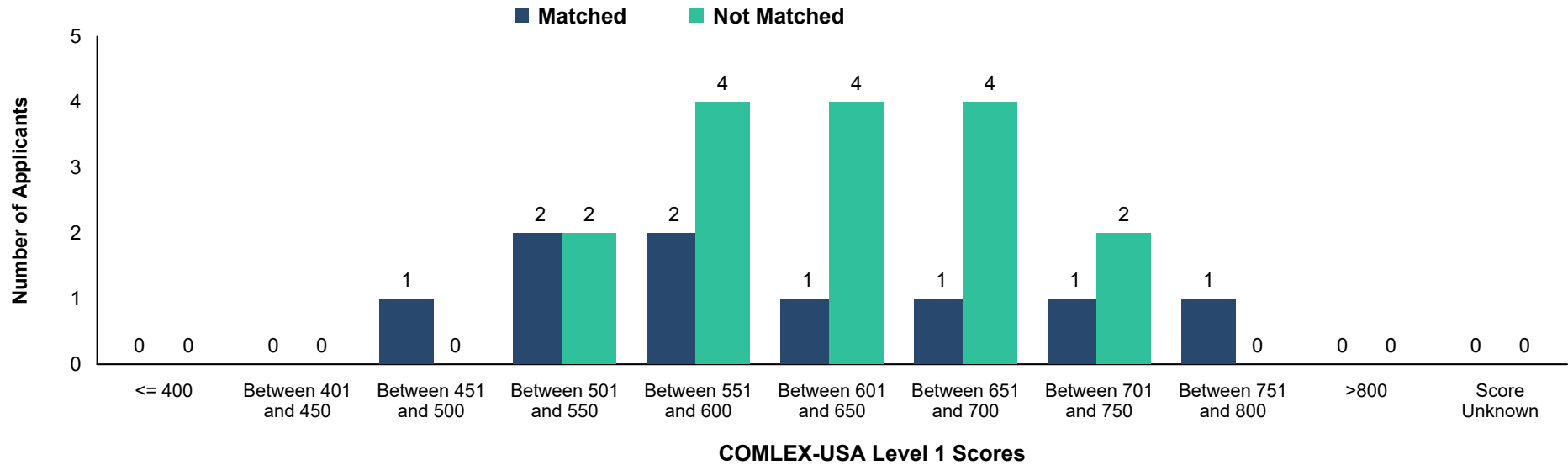
Probability of U.S. Osteopathic Seniors Matching to Preferred Specialty by Number of Contiguous Ranks
Dermatology



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2016-2018 applicants.

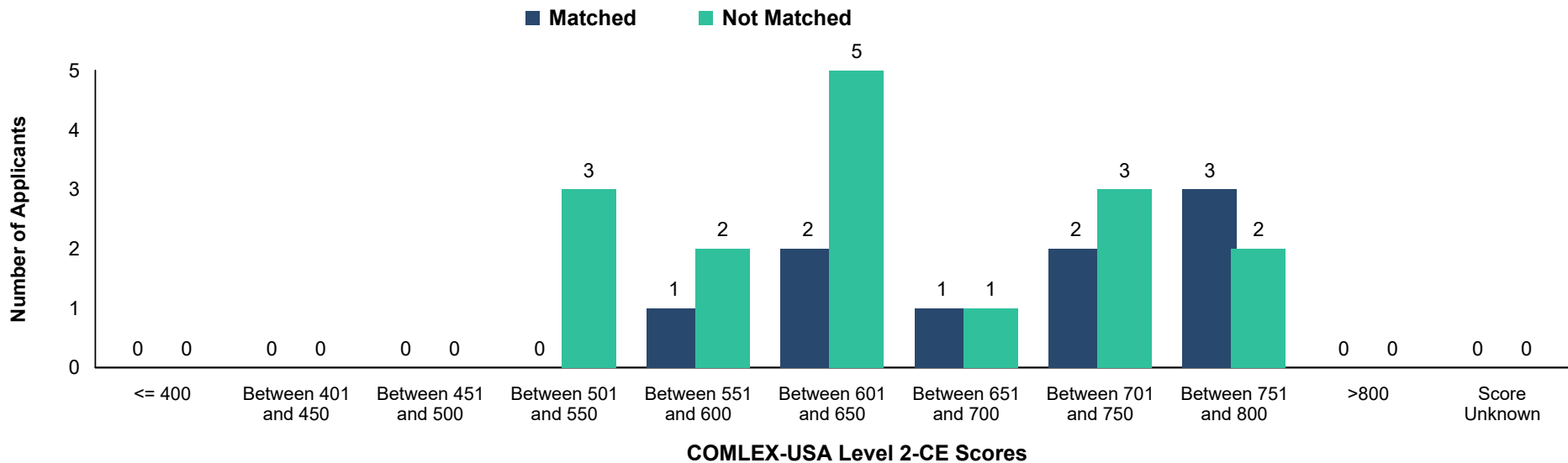
**Chart
DM-3**

**COMLEX-USA Level 1 Scores of U.S. Osteopathic Seniors
Dermatology**



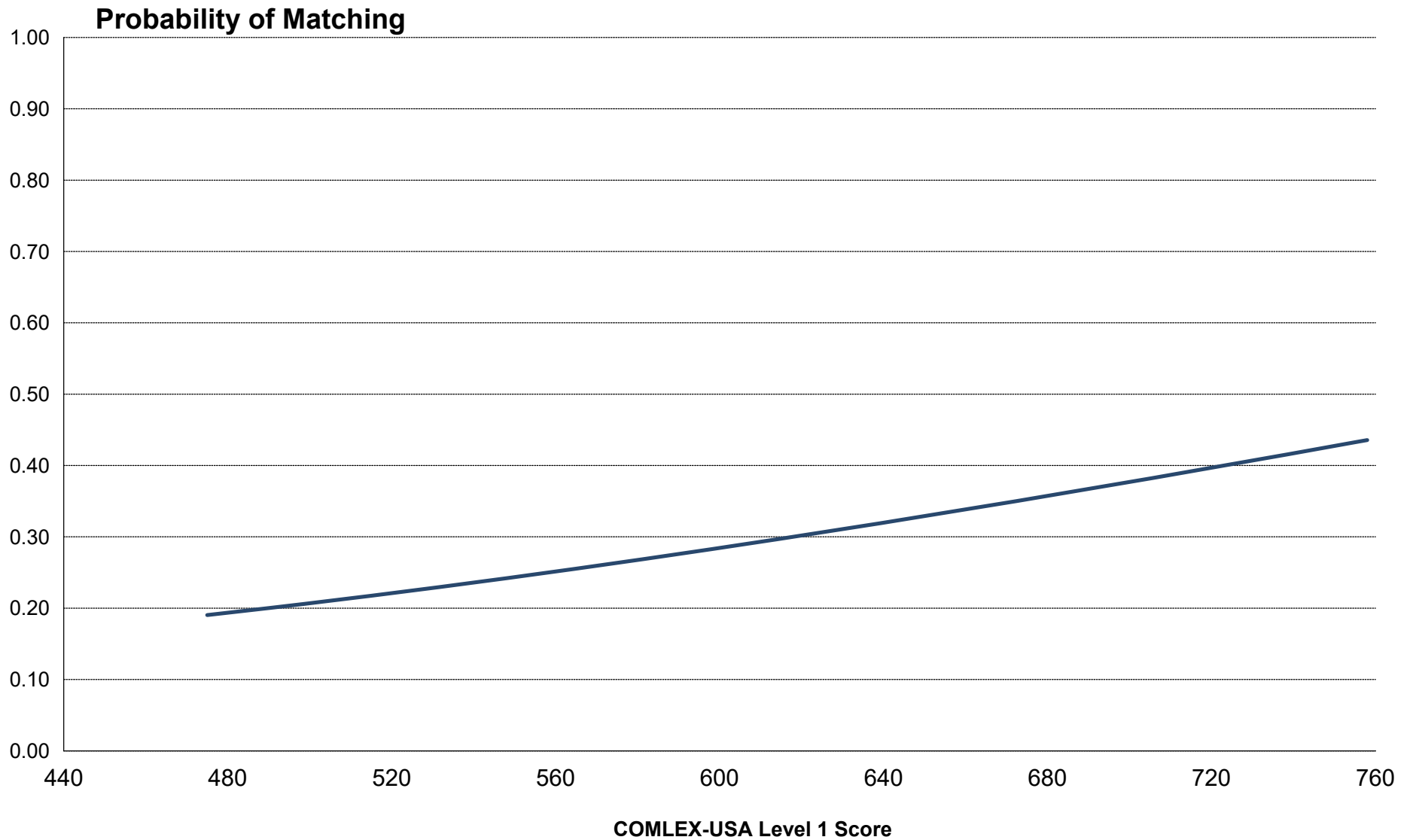
**Chart
DM-4**

**COMLEX-USA Level 2-CE Scores of U.S. Osteopathic Seniors
Dermatology**



**Graph
DM-2**

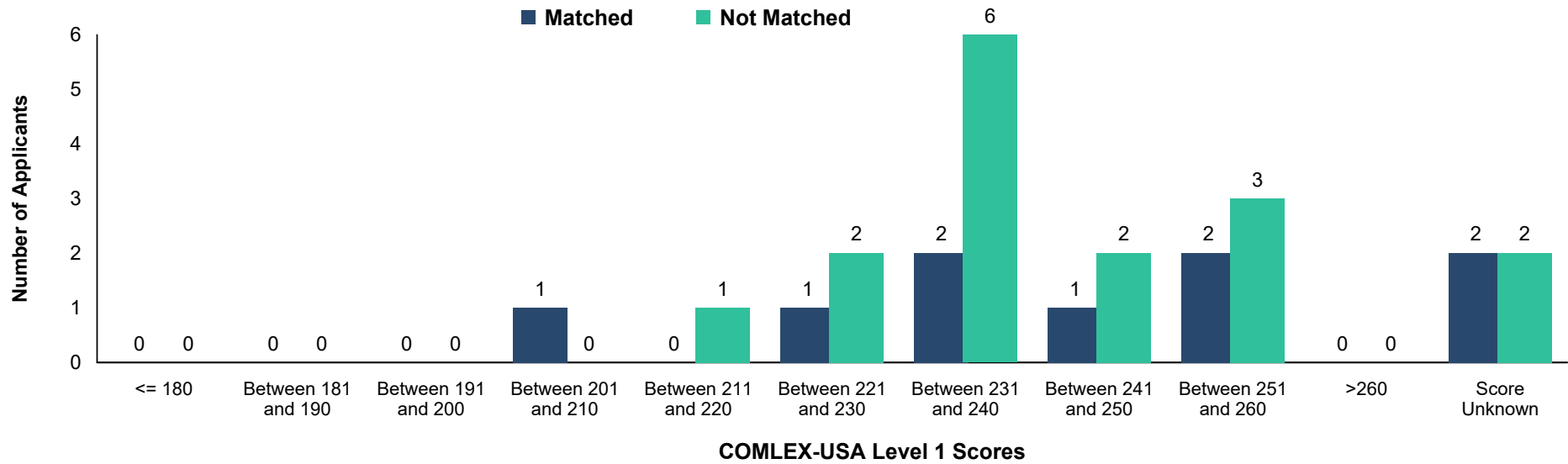
Probability of U.S. Osteopathic Seniors Matching to Preferred Specialty by COMLEX-USA Level 1 Score
Dermatology



*Note: Probabilities calculated based on 2016-2018 applicants.
Sources: NRMP Data Warehouse; 2016 COMLEX-USA scores provided by NBOME.*

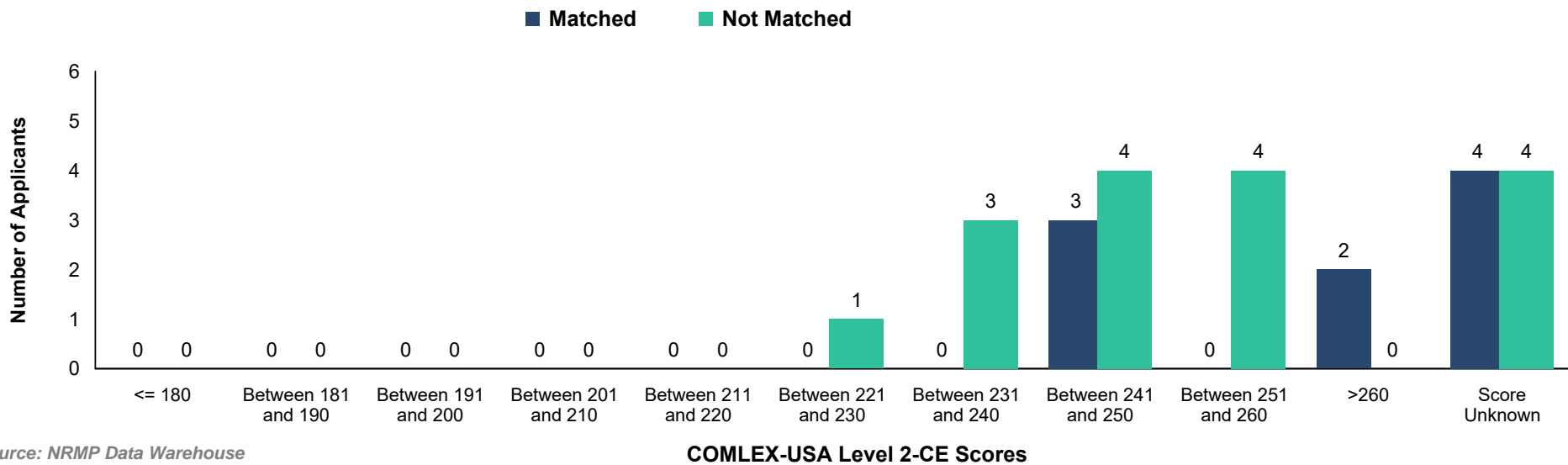
**Chart
DM-5**

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



**Chart
DM-6**

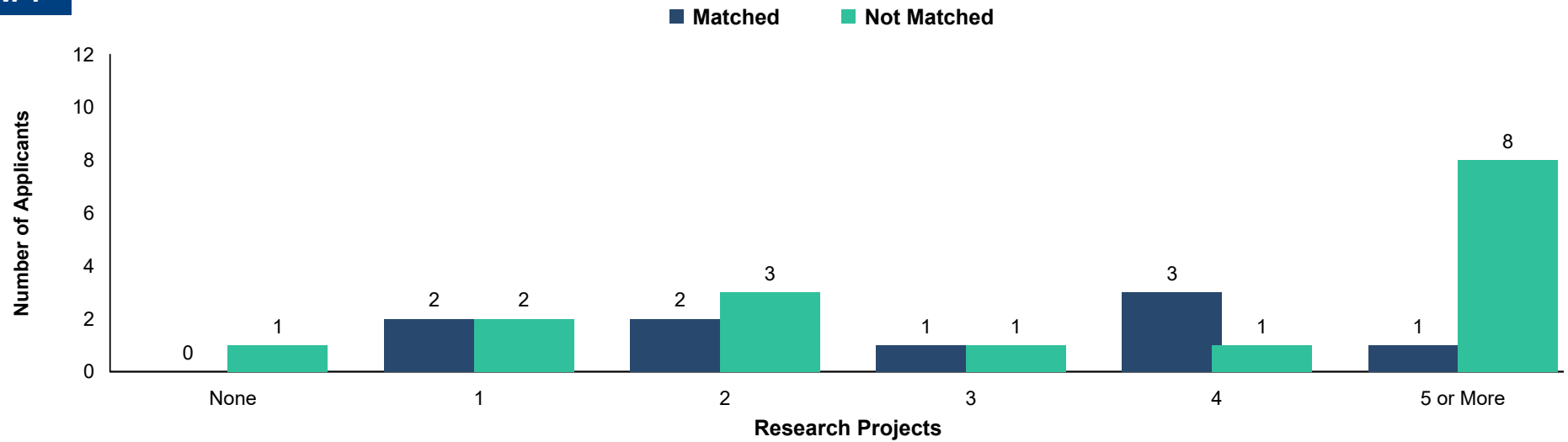
**USMLE Step 2 CK Scores of U.S. Osteopathic Seniors
Dermatology**



Source: NRMP Data Warehouse

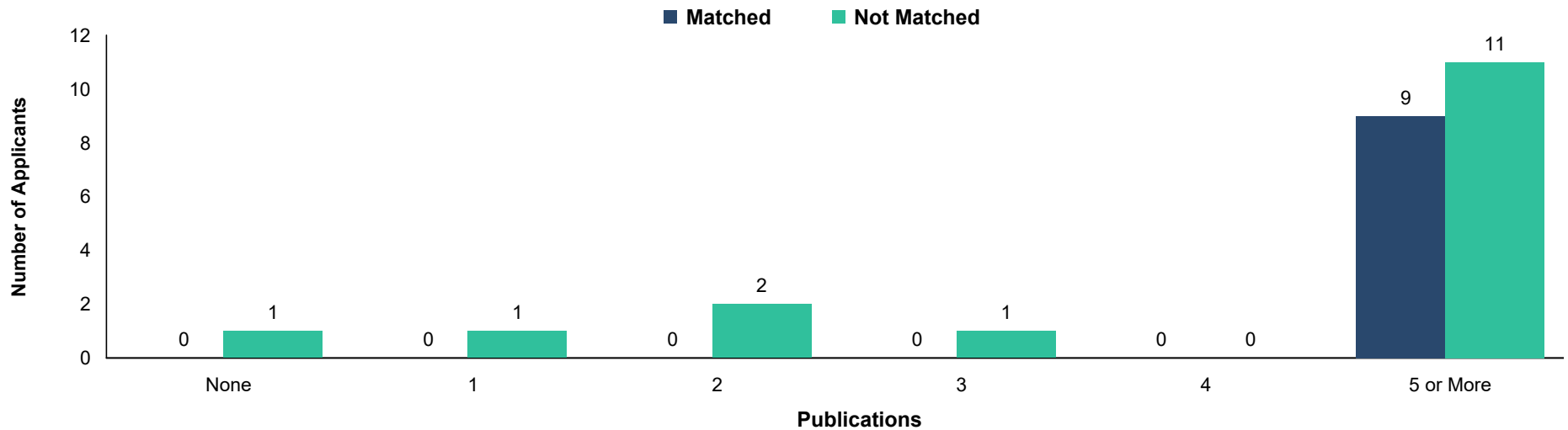
**Chart
DM-7**

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



**Chart
DM-8**

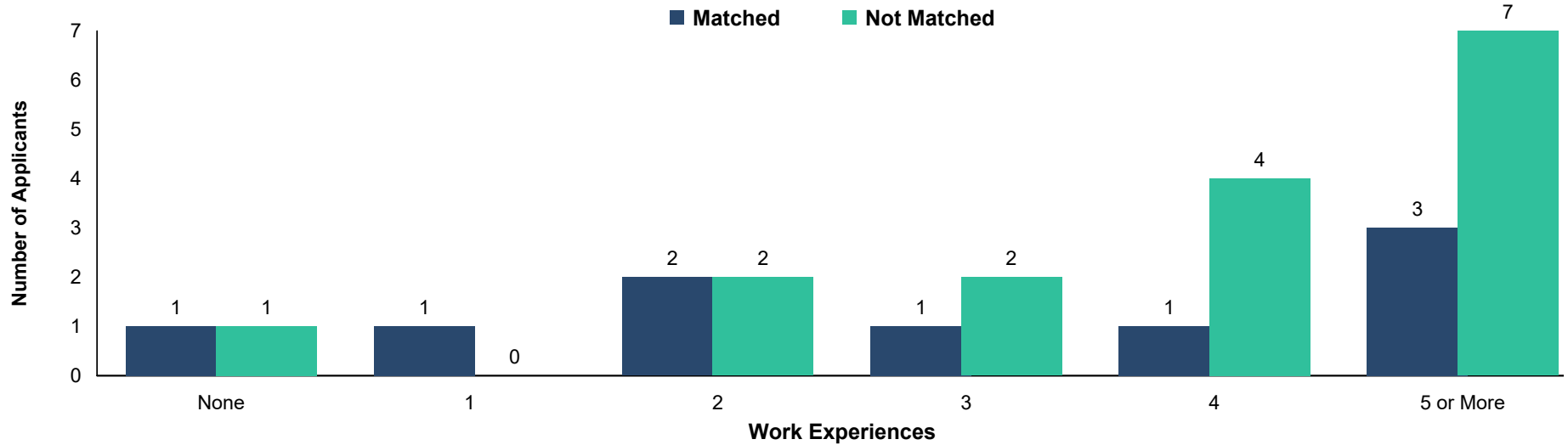
Number of Abstracts, Presentations, and Publications of U.S. Osteopathic Seniors *Dermatology*



Source: NRMP Data Warehouse

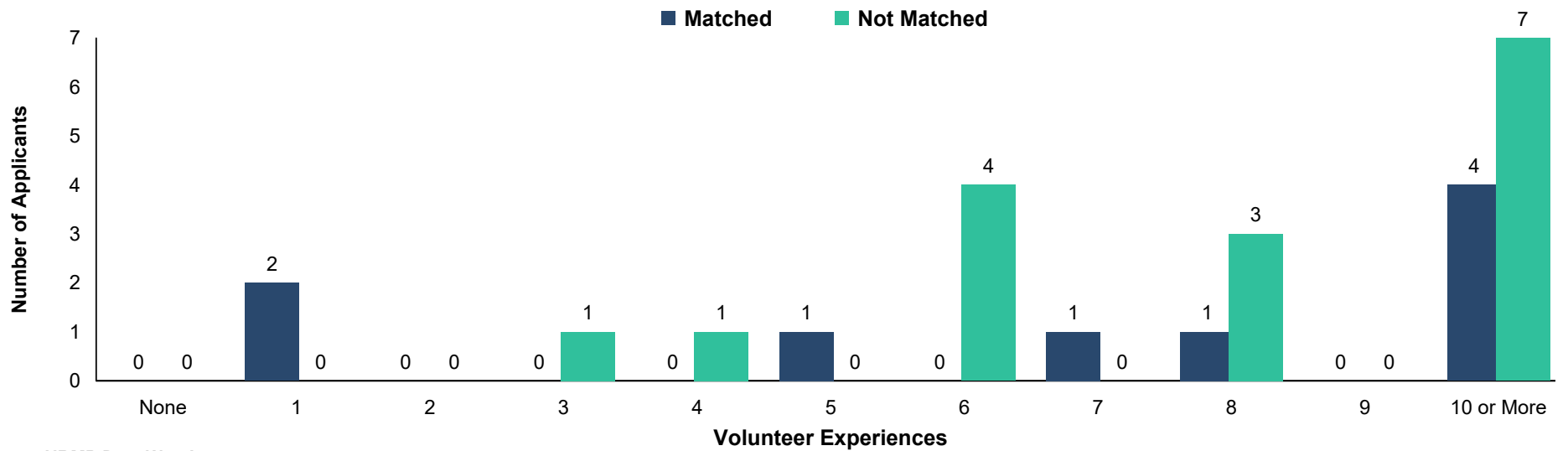
**Chart
DM-9**

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



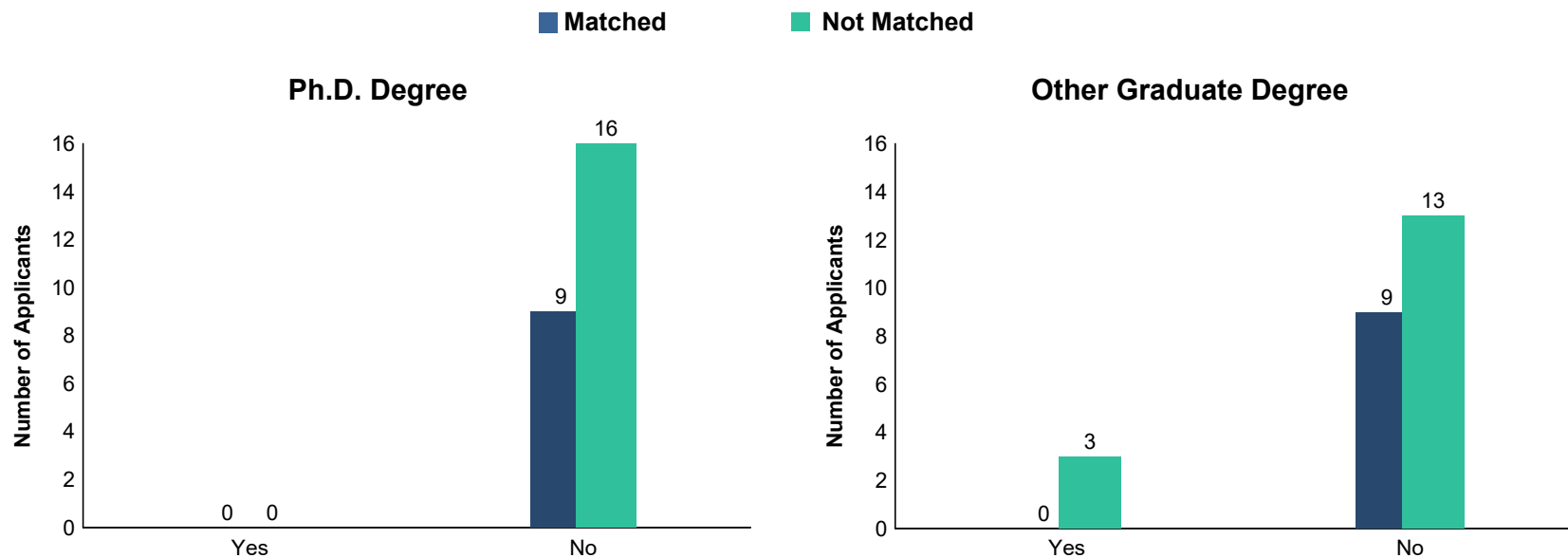
**Chart
DM-10**

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



Source: NRMP Data Warehouse

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



Source: NRMP Data Warehouse.

DR Diagnostic Radiology

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

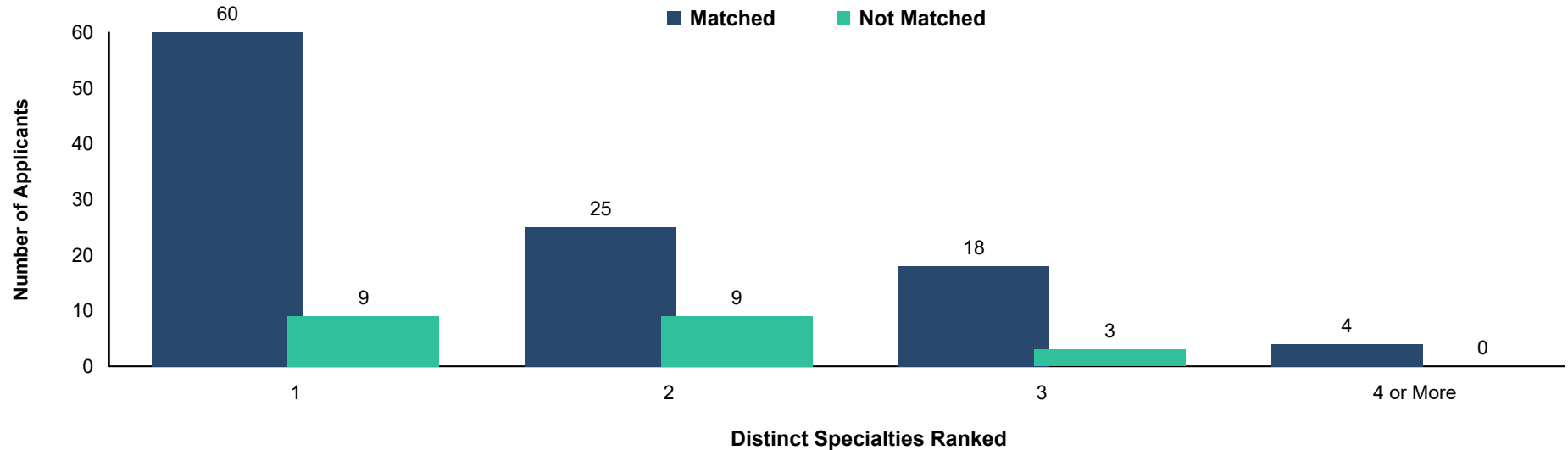
Measure	Matched (n=108)	Unmatched (n=21)
1. Mean number of contiguous ranks	10.4	7.0
2. Mean number of distinct specialties ranked	1.7	1.7
3. Mean COMLEX-USA Level 1 score	613	540
4. Mean COMLEX-USA Level 2-CE score	640	571
5. Mean USMLE Step 1 score	239	223
6. Mean USMLE Step 2 CK score	247	234
7. Mean number of research experiences	1.8	2.1
8. Mean number of abstracts, presentations, and publications	2.7	1.8
9. Mean number of work experiences	2.9	3.1
10. Mean number of volunteer experiences	5.1	5.8
11. Percentage who have a Ph.D. degree	1.0	0.0
12. Percentage who have another graduate degree	26.0	33.3

Source: NRMP Data Warehouse.

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

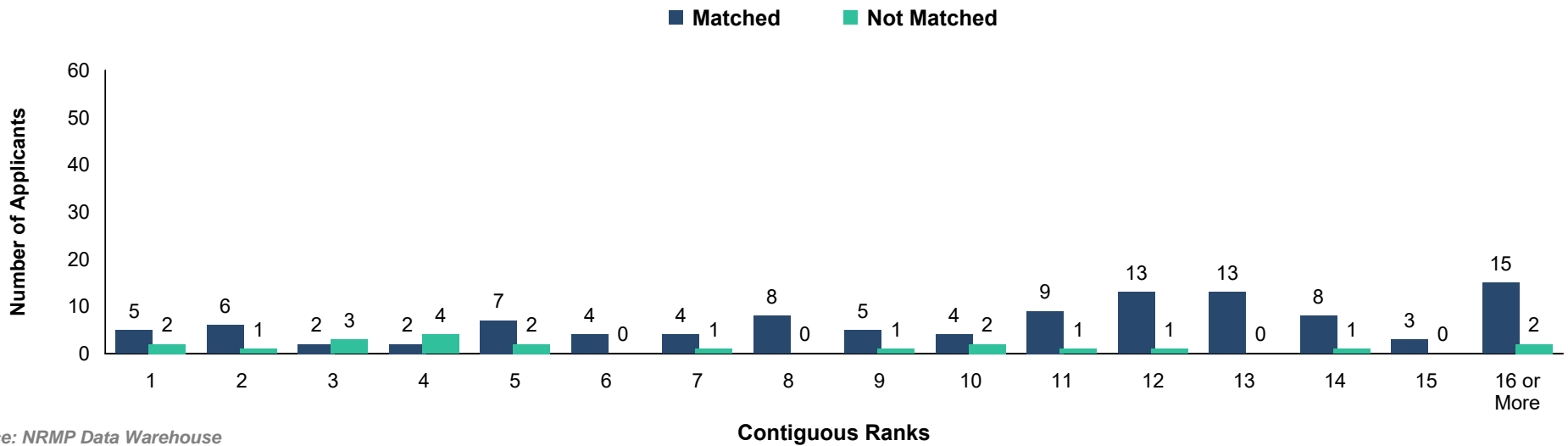
**Chart
DR-1**

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



**Chart
DR-2**

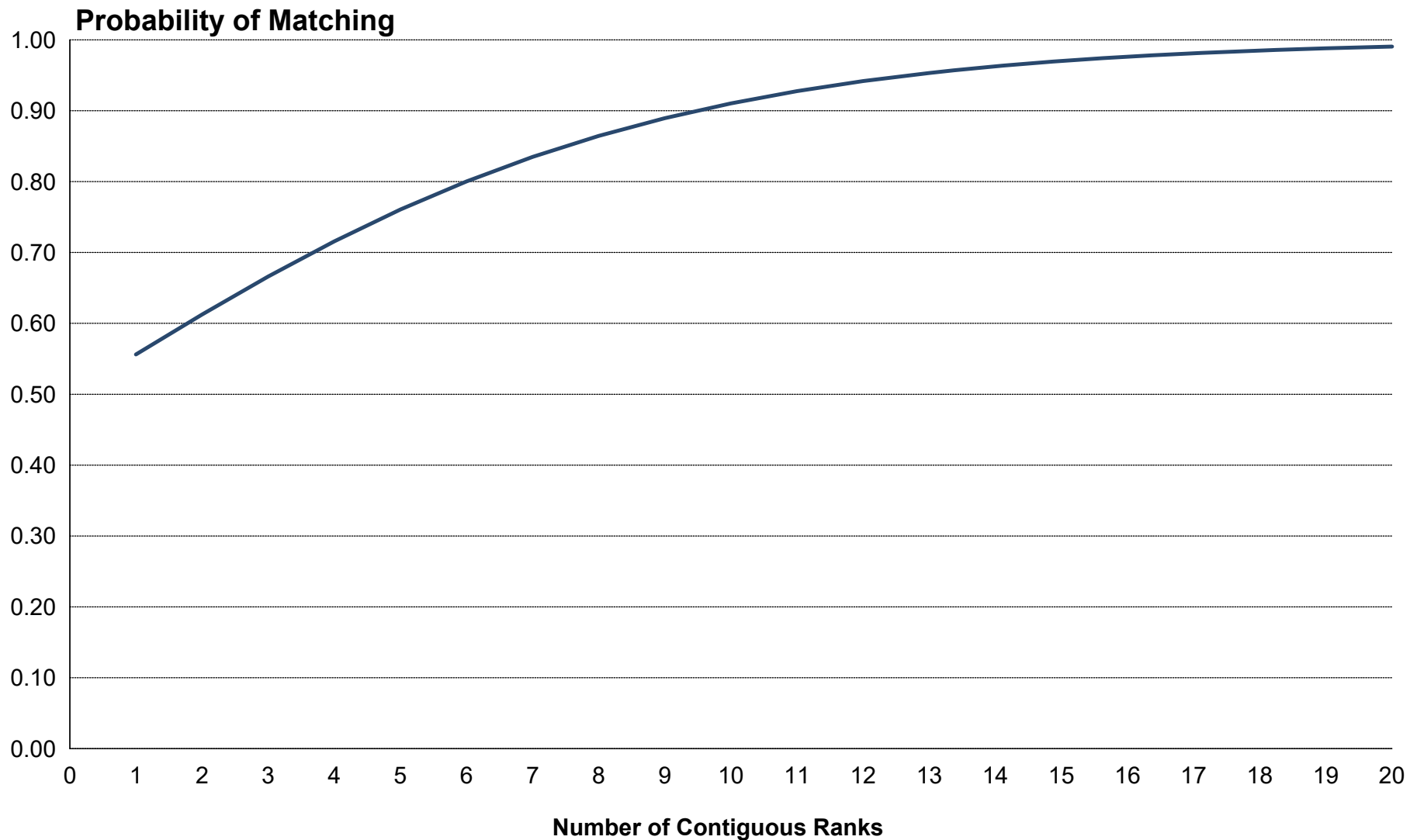
Number of Contiguous Ranks of U.S. Osteopathic Seniors
Diagnostic Radiology



Source: NRMP Data Warehouse

**Graph
DR-1**

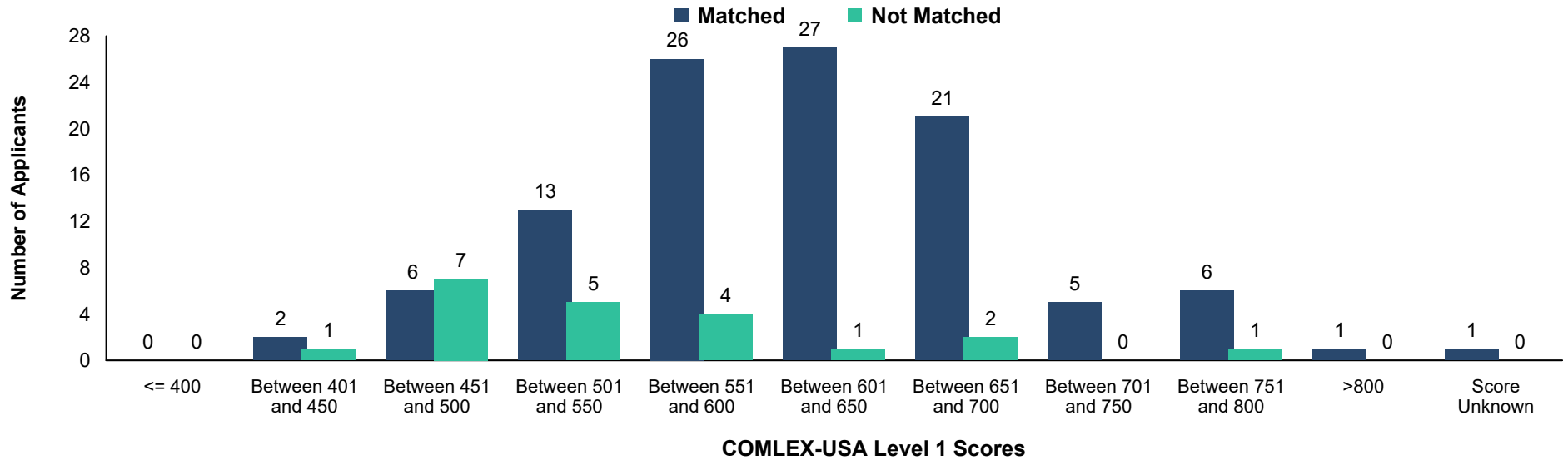
**Probability of U.S. Osteopathic Seniors Matching to Preferred Specialty by Number of
Contiguous Ranks**
Diagnostic Radiology



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2016-2018 applicants.

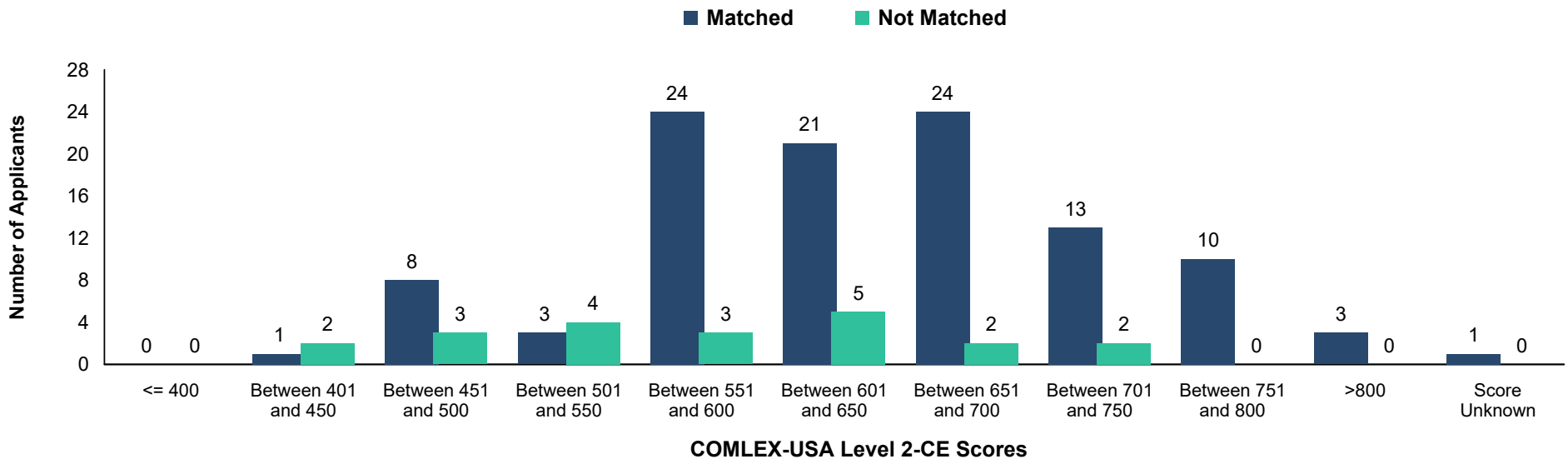
**Chart
DR-3**

COMLEX-USA Level 1 Scores of U.S. Osteopathic Seniors
Diagnostic Radiology



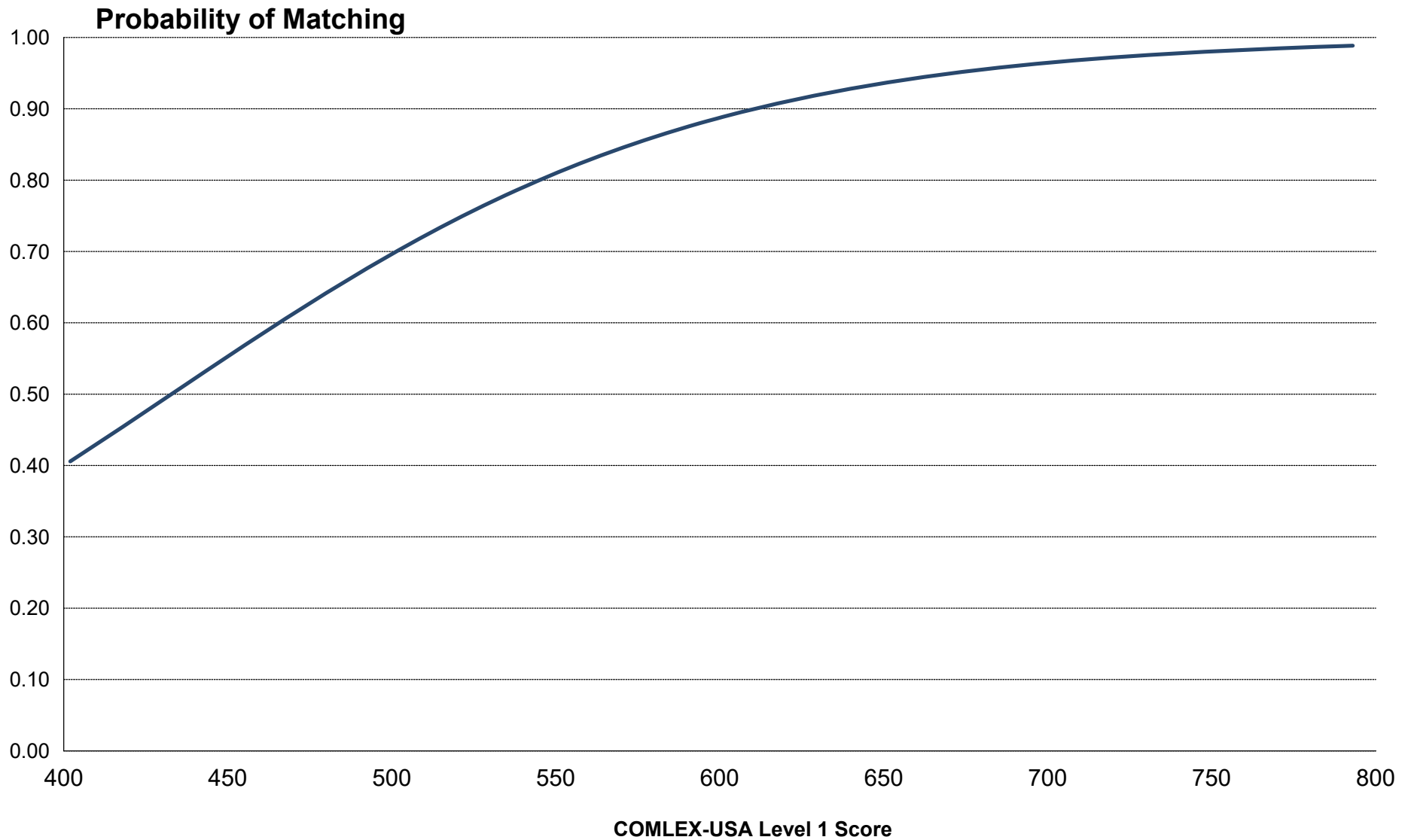
**Chart
DR-4**

COMLEX-USA Level 2-CE Scores of U.S. Osteopathic Seniors
Diagnostic Radiology



**Graph
DR-2**

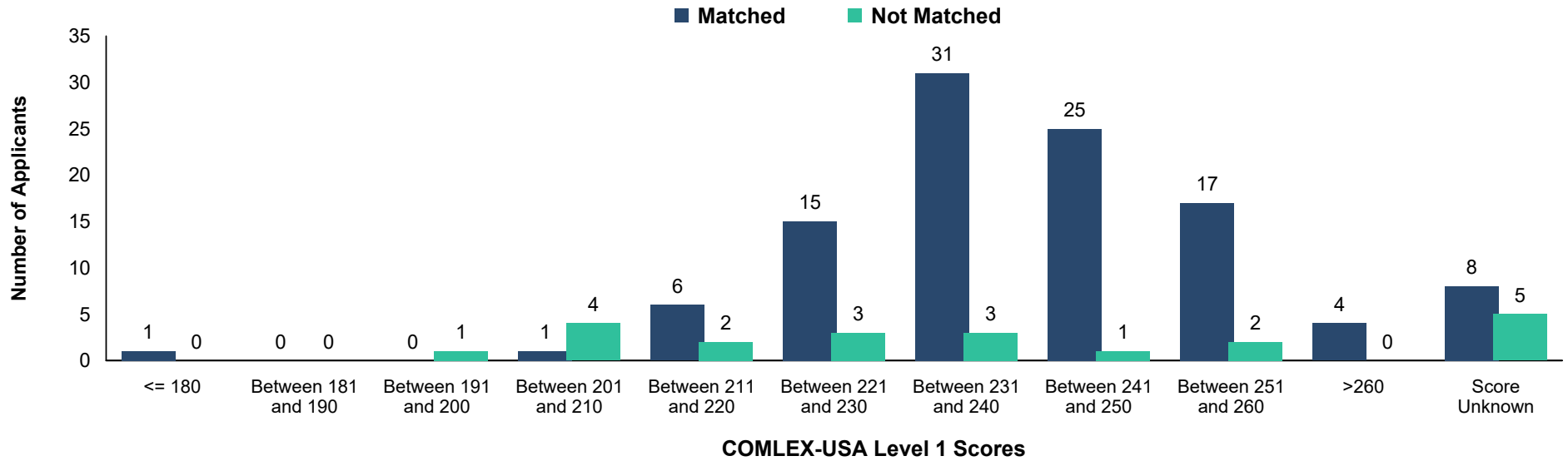
Probability of U.S. Osteopathic Seniors Matching to Preferred Specialty by COMLEX-USA Level 1 Score
Diagnostic Radiology



*Note: Probabilities calculated based on 2016-2018 applicants.
Sources: NRMP Data Warehouse; 2016 COMLEX-USA scores provided by NBOME.*

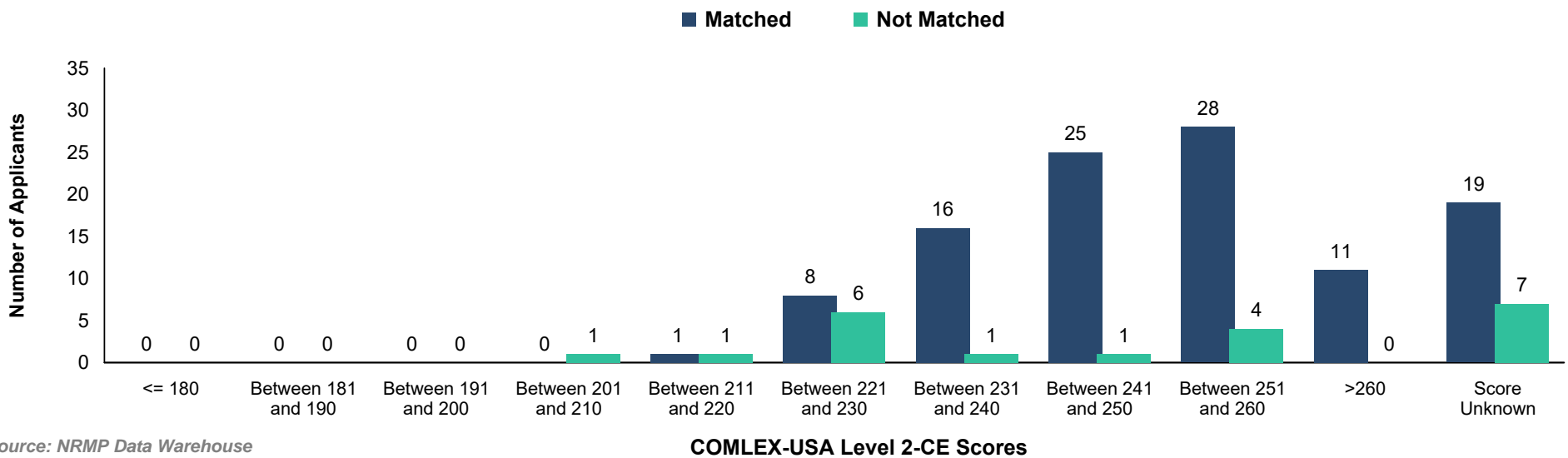
**Chart
DR-5**

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



**Chart
DR-6**

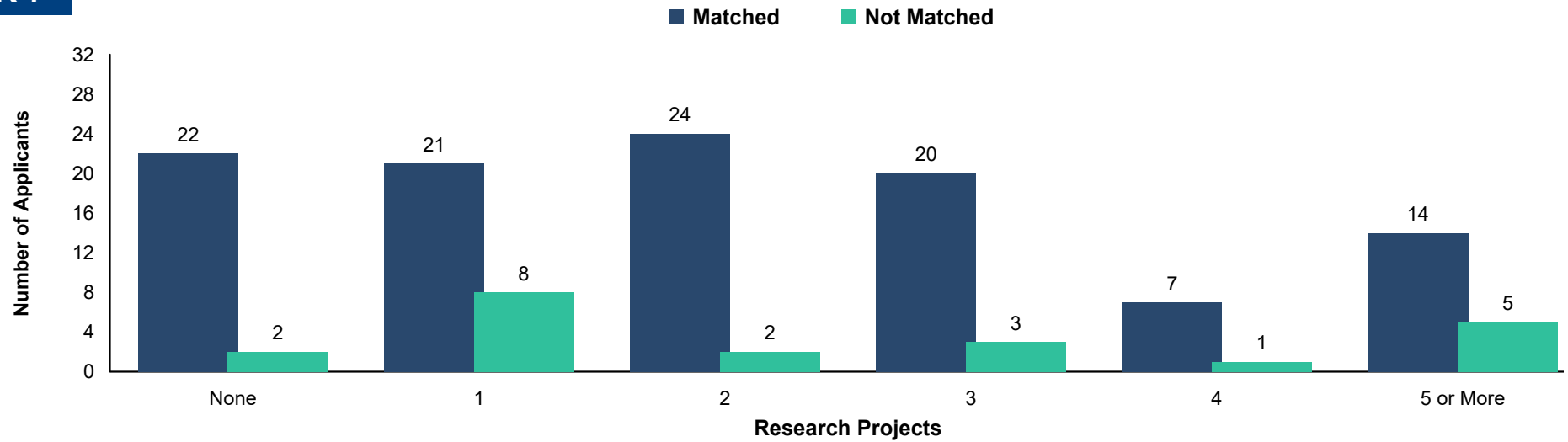
USMLE Step 2 CK Scores of U.S. Osteopathic Seniors
Diagnostic Radiology



Source: NRMP Data Warehouse

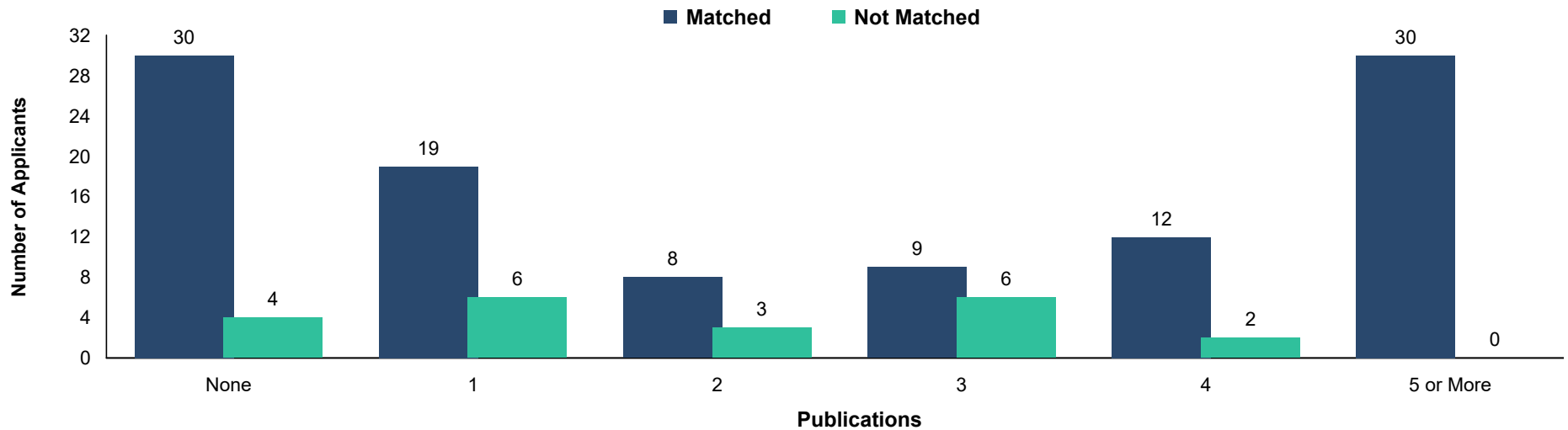
**Chart
DR-7**

**Number of Research Projects of U.S. Osteopathic Seniors
*Diagnostic Radiology***



**Chart
DR-8**

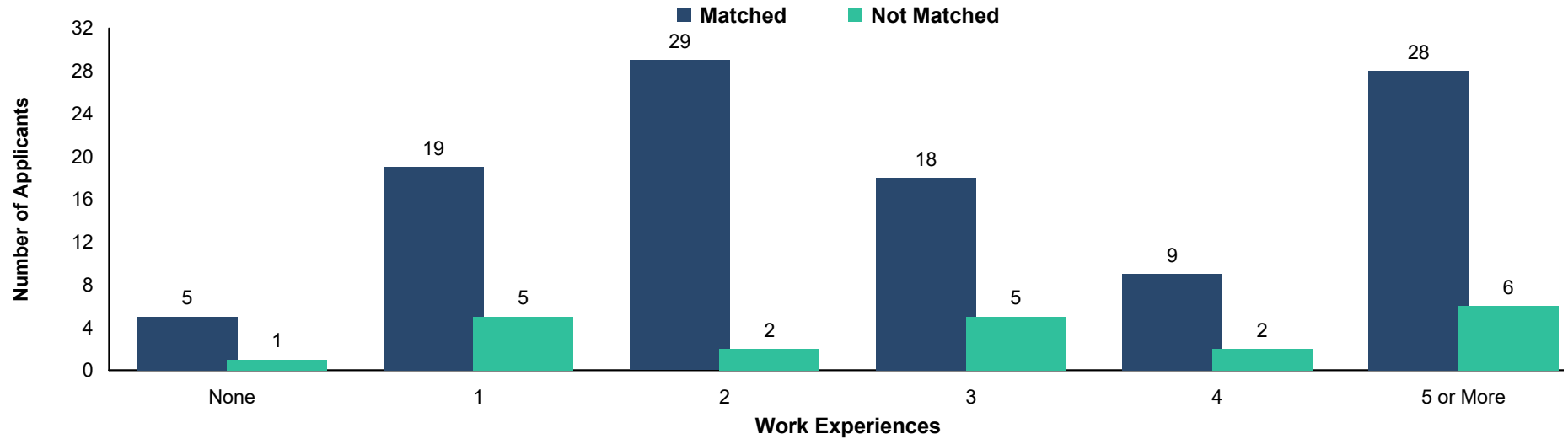
**Number of Abstracts, Presentations, and Publications of U.S. Osteopathic Seniors
*Diagnostic Radiology***



Source: NRMP Data Warehouse

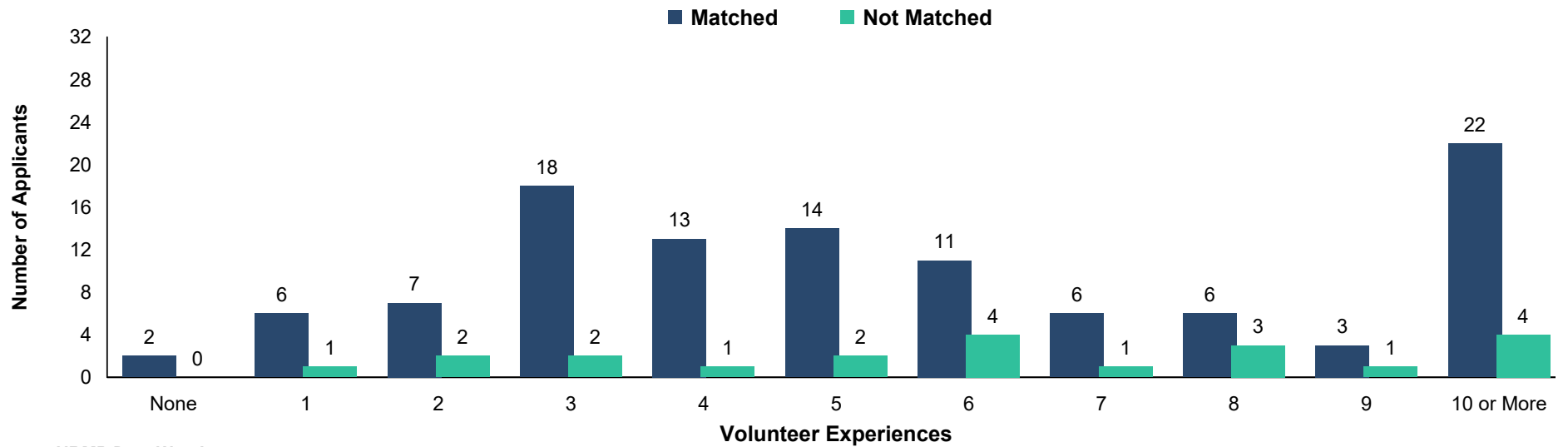
**Chart
DR-9**

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



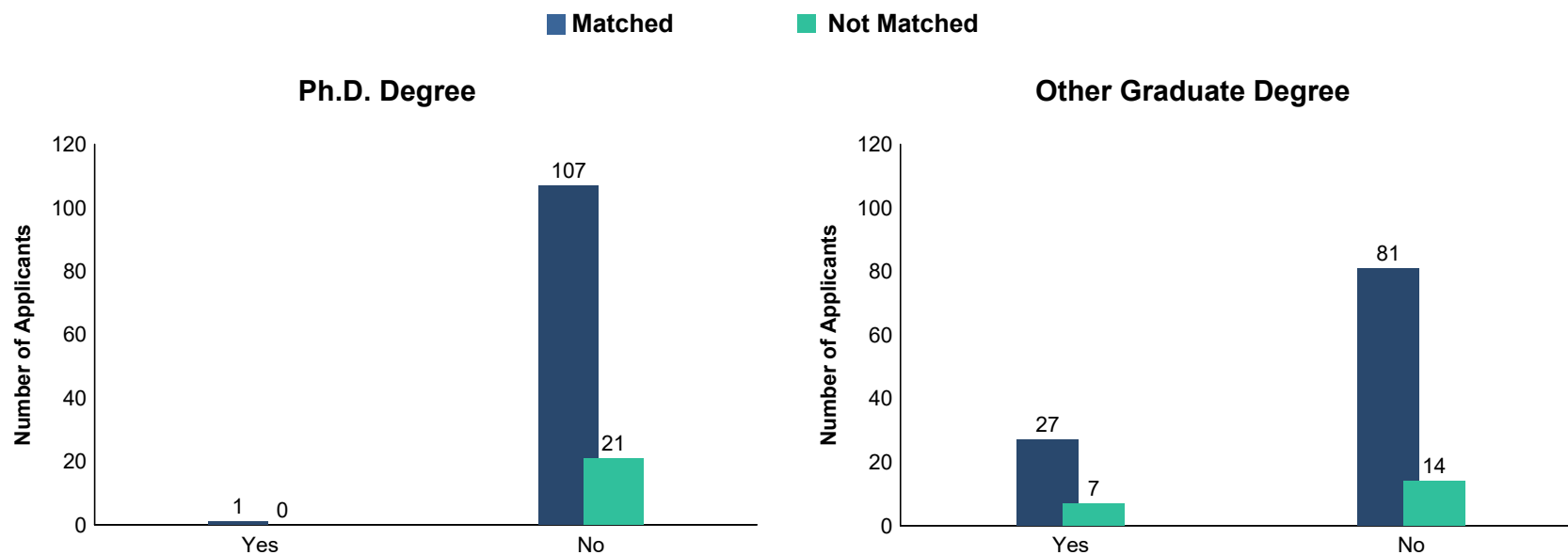
**Chart
DR-10**

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



Source: NRMP Data Warehouse

Other Characteristics of U.S. Osteopathic Seniors
Diagnostic Radiology



Source: NRMP Data Warehouse.

EM **Emergency Medicine**

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

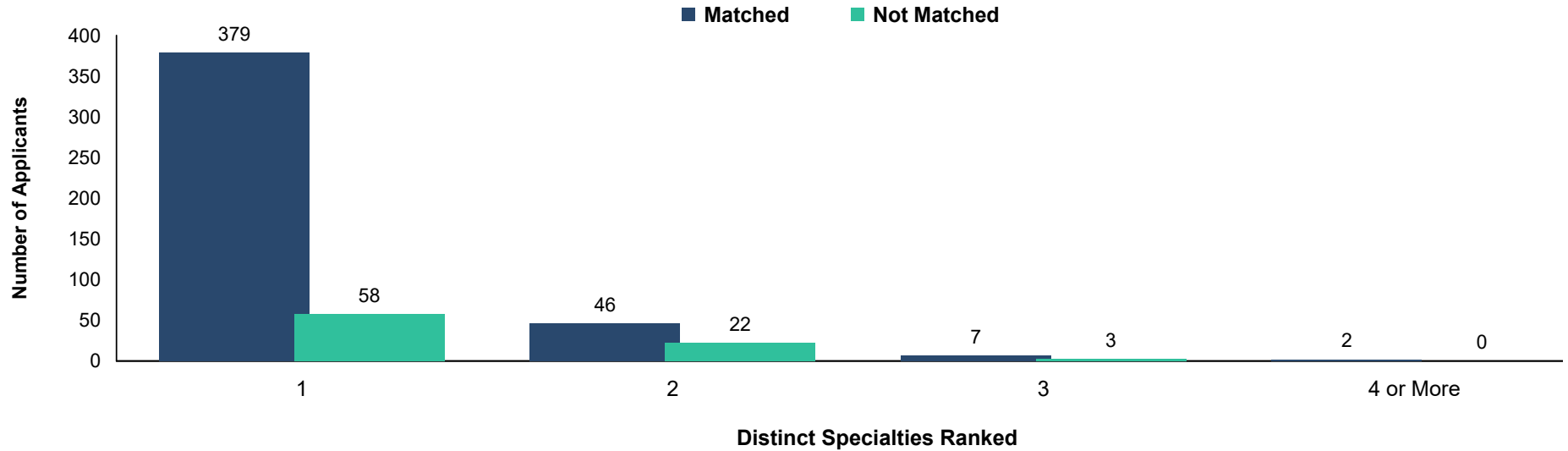
Measure	Matched (n=434)	Unmatched (n=83)
1. Mean number of contiguous ranks	9.1	4.6
2. Mean number of distinct specialties ranked	1.2	1.3
3. Mean COMLEX-USA Level 1 score	569	514
4. Mean COMLEX-USA Level 2-CE score	621	531
5. Mean USMLE Step 1 score	229	219
6. Mean USMLE Step 2 CK score	241	232
7. Mean number of research experiences	1.5	1.3
8. Mean number of abstracts, presentations, and publications	1.8	1.5
9. Mean number of work experiences	3.3	3.2
10. Mean number of volunteer experiences	6.0	6.0
11. Percentage who have a Ph.D. degree	0.3	0.0
12. Percentage who have another graduate degree	17.4	22.2

Source: NRMP Data Warehouse.

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

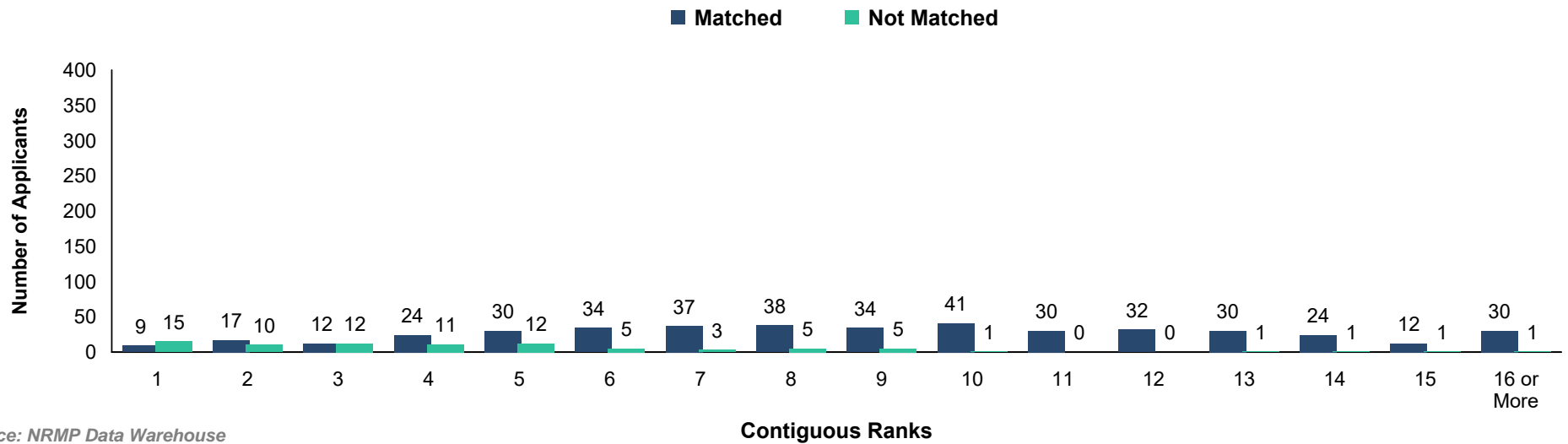
**Chart
EM-1**

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



**Chart
EM-2**

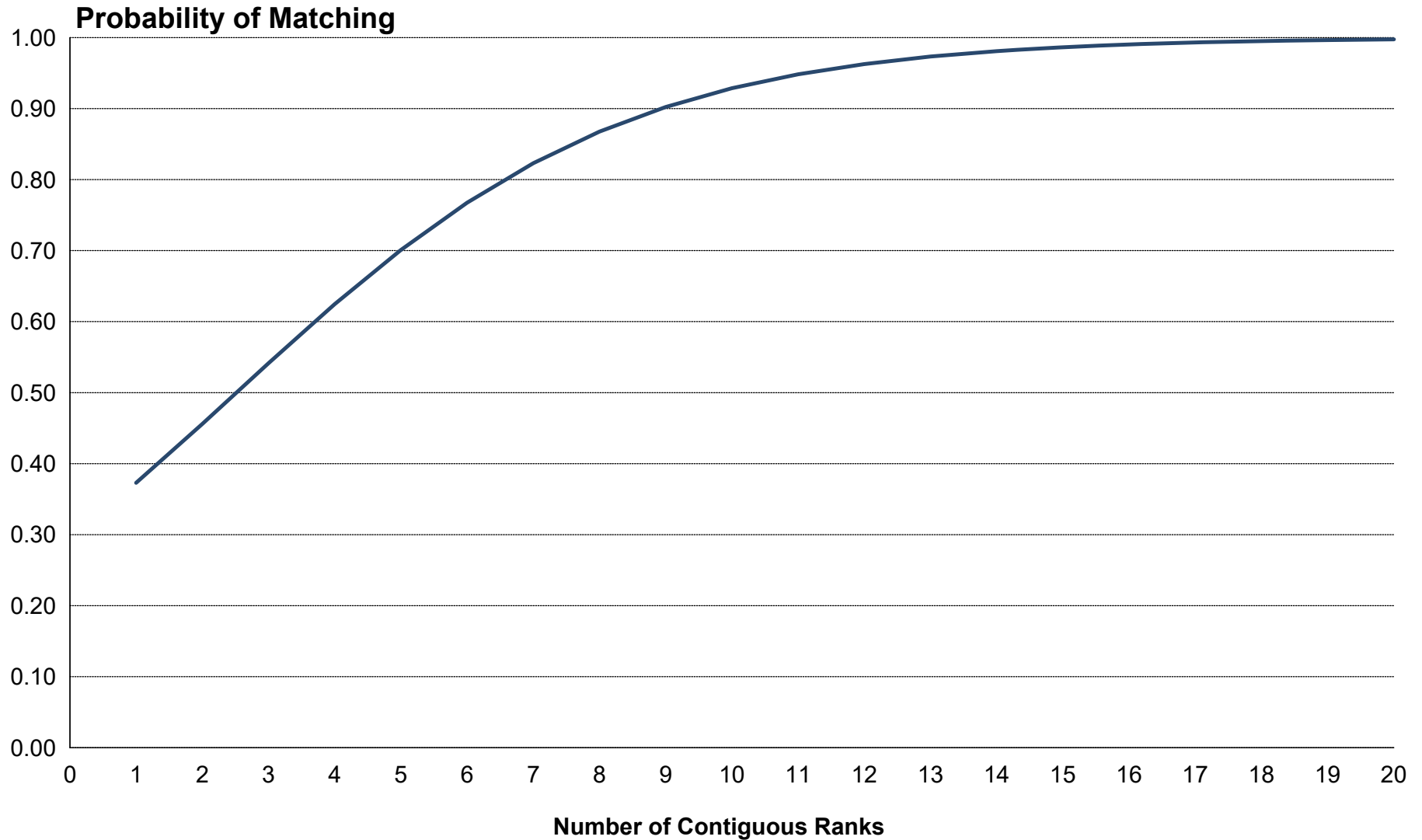
**Number of Contiguous Ranks of U.S. Osteopathic Seniors
Emergency Medicine**



Source: NRMP Data Warehouse

**Graph
EM-1**

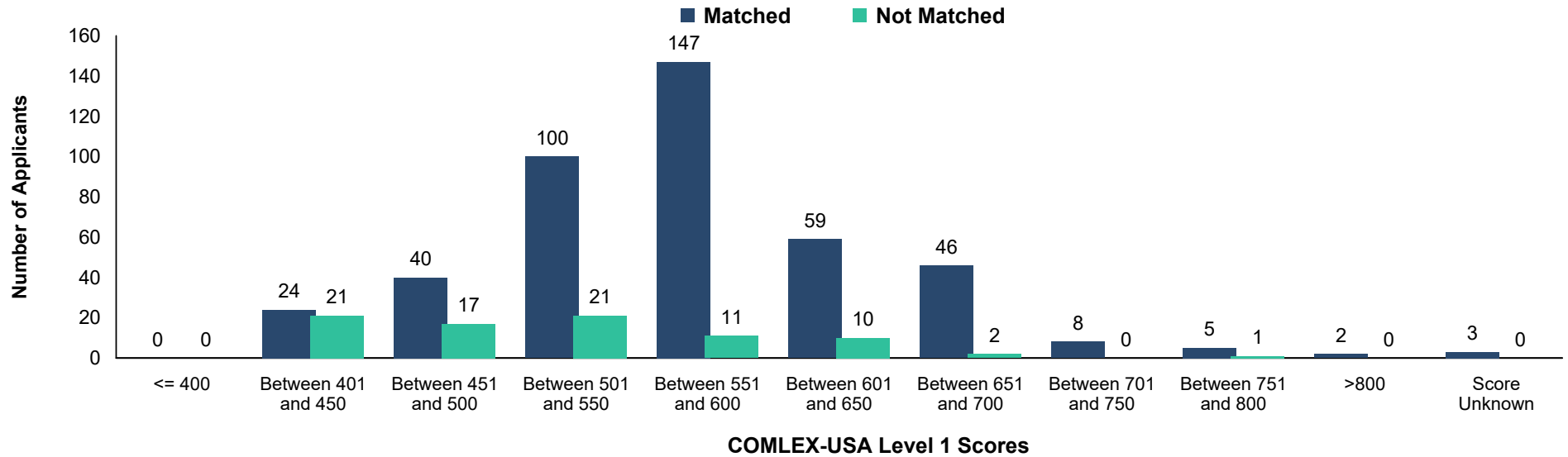
**Probability of U.S. Osteopathic Seniors Matching to Preferred Specialty by Number of
Contiguous Ranks**
Emergency Medicine



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2016-2018 applicants.

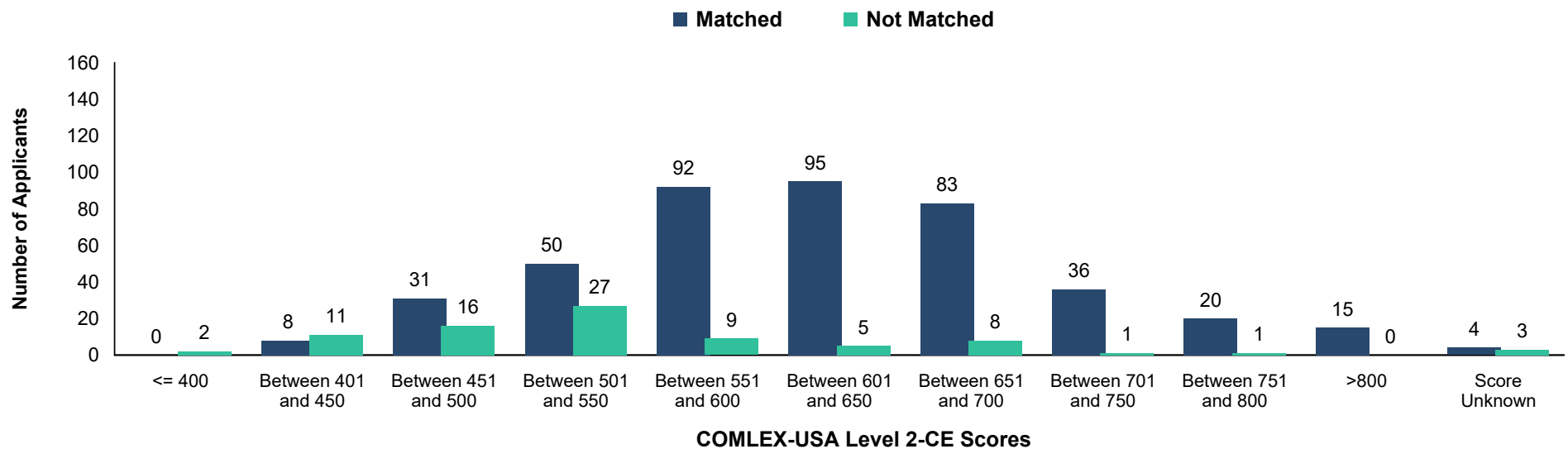
**Chart
EM-3**

**COMLEX-USA Level 1 Scores of U.S. Osteopathic Seniors
Emergency Medicine**



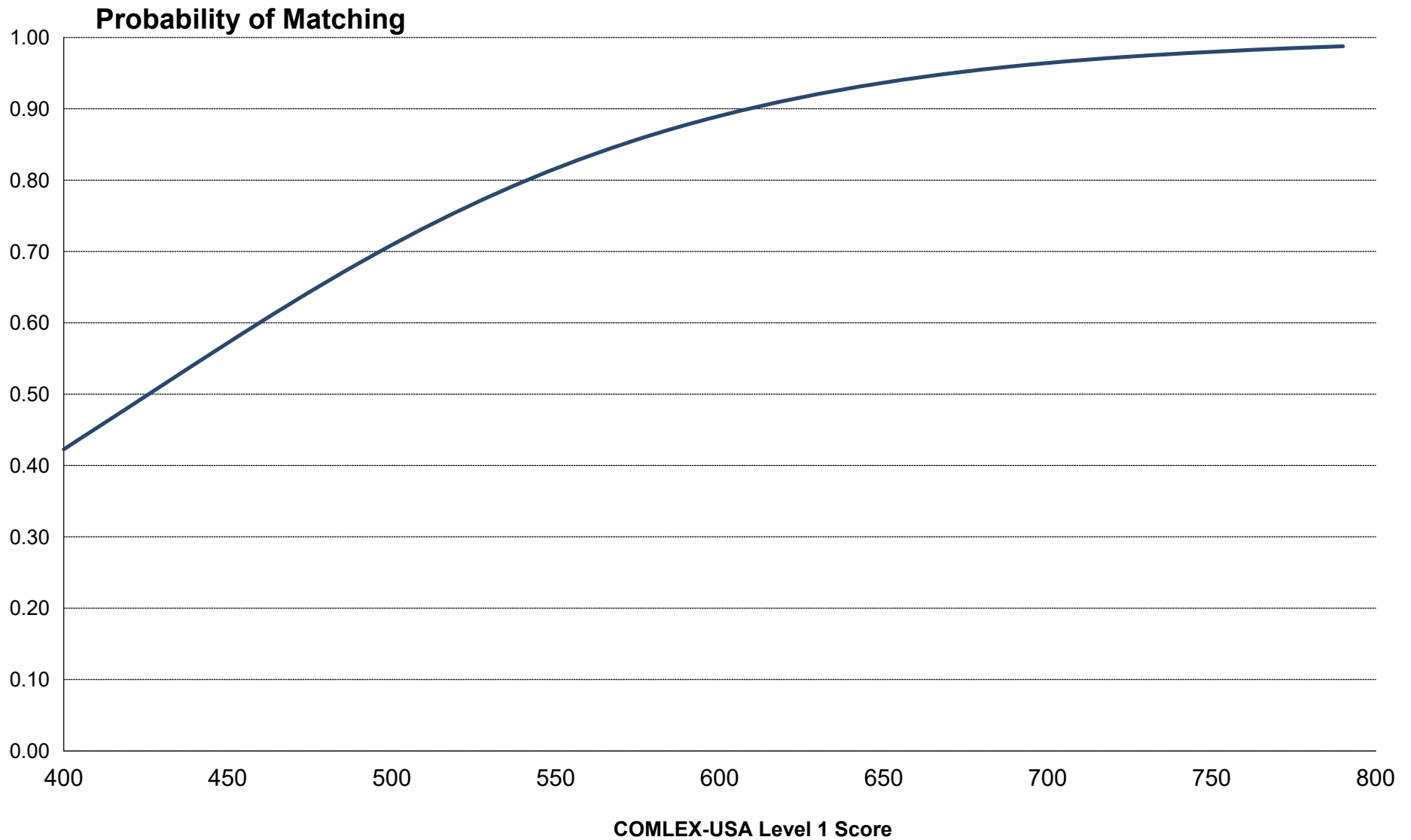
**Chart
EM-4**

**COMLEX-USA Level 2-CE Scores of U.S. Osteopathic Seniors
Emergency Medicine**



**Graph
EM-2**

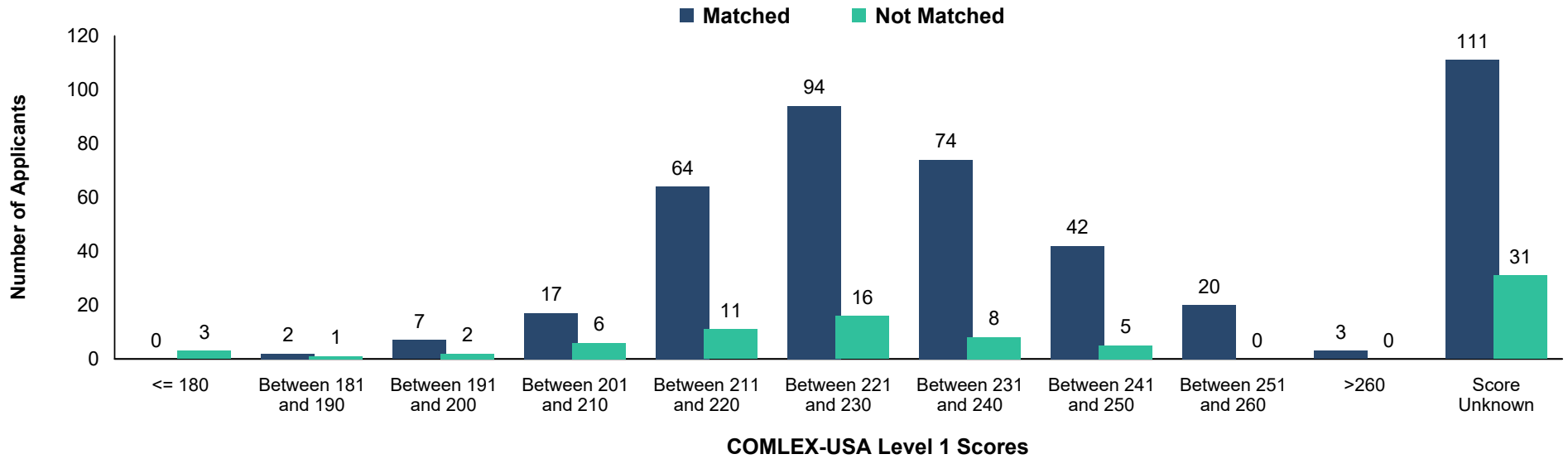
Probability of U.S. Osteopathic Seniors Matching to Preferred Specialty by COMLEX-USA Level 1 Score
Emergency Medicine



*Note: Probabilities calculated based on 2016-2018 applicants.
Sources: NRMP Data Warehouse; 2016 COMLEX-USA scores provided by NBOME.*

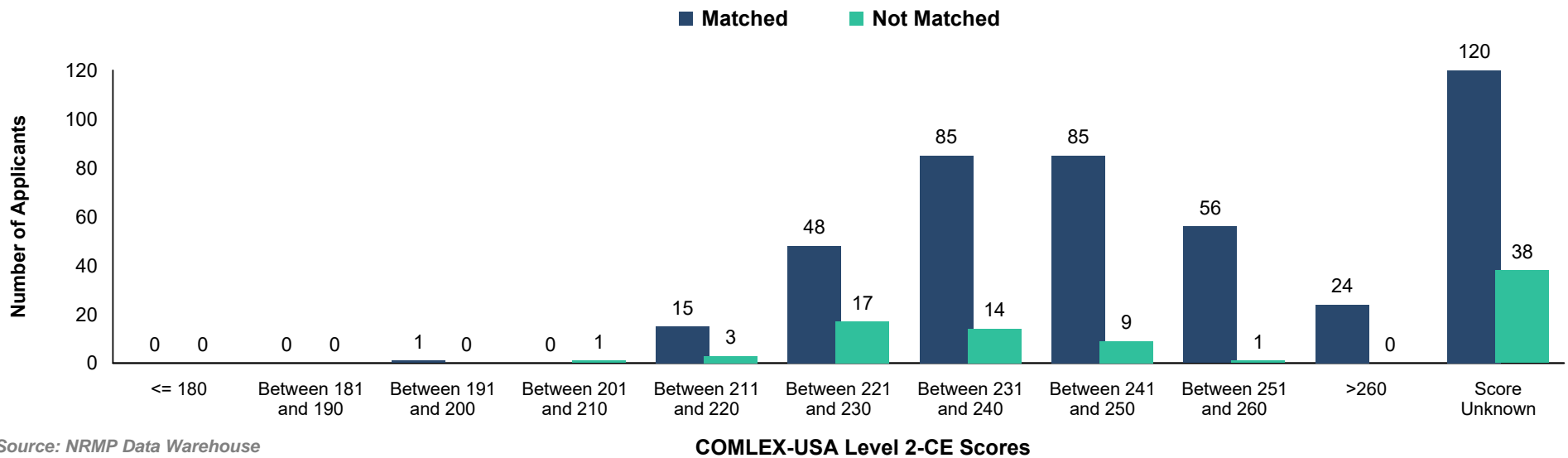
**Chart
EM-5**

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



**Chart
EM-6**

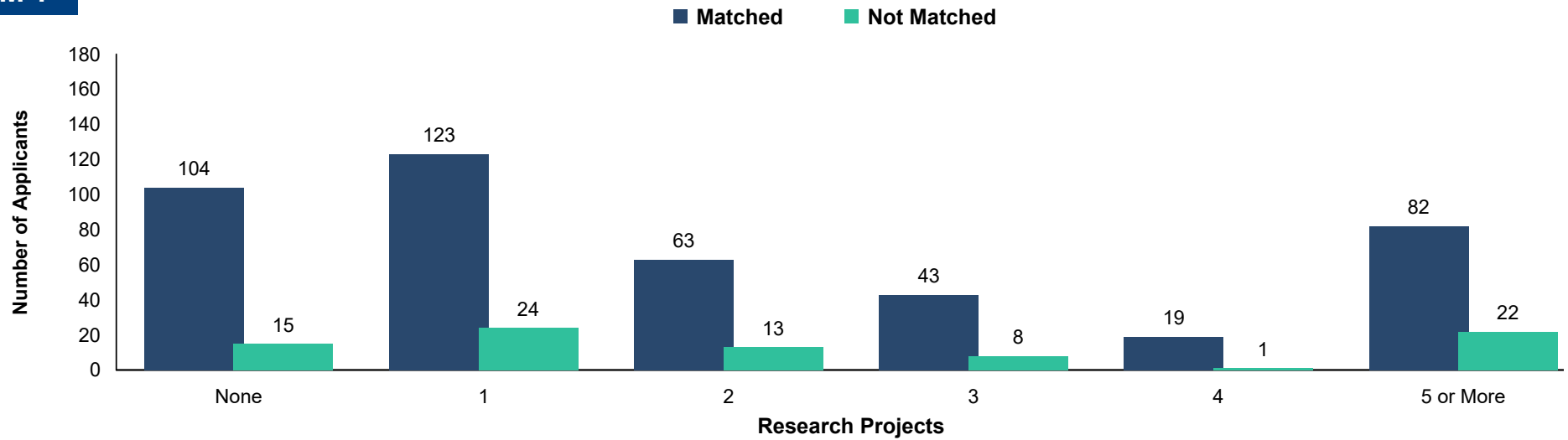
**USMLE Step 2 CK Scores of U.S. Osteopathic Seniors
Emergency Medicine**



Source: NRMP Data Warehouse

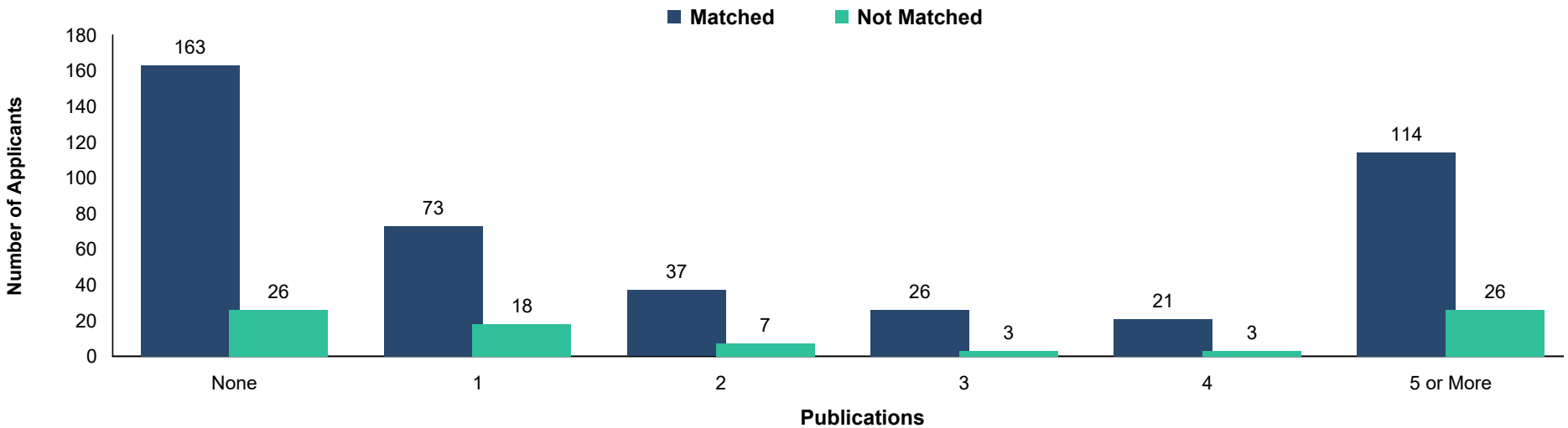
**Chart
EM-7**

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



**Chart
EM-8**

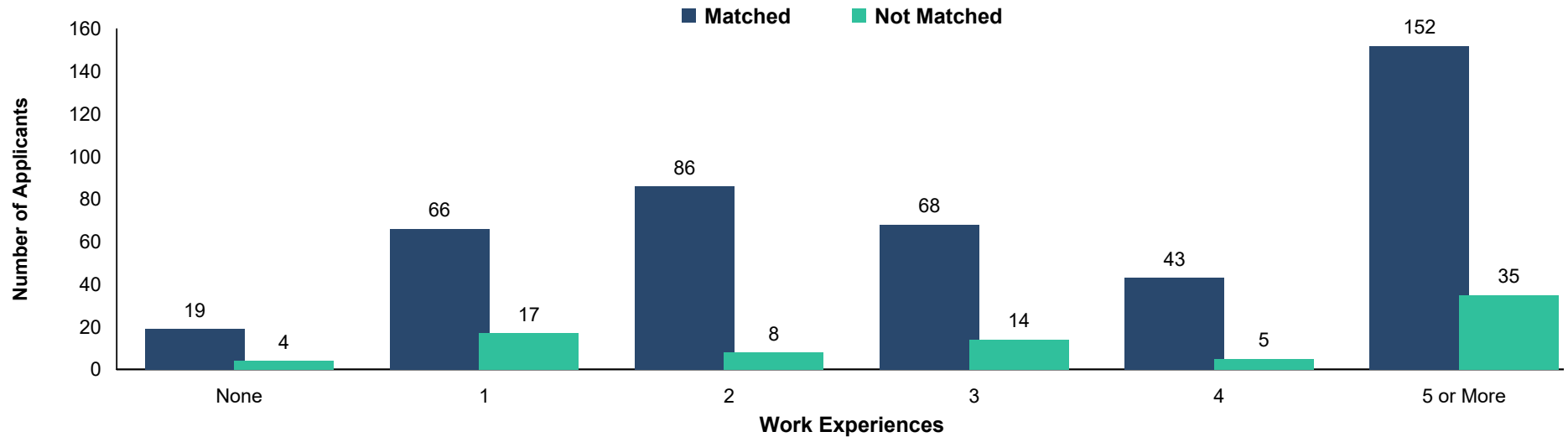
**Number of Abstracts, Presentations, and Publications of U.S. Osteopathic Seniors
*Emergency Medicine***



Source: NRMP Data Warehouse

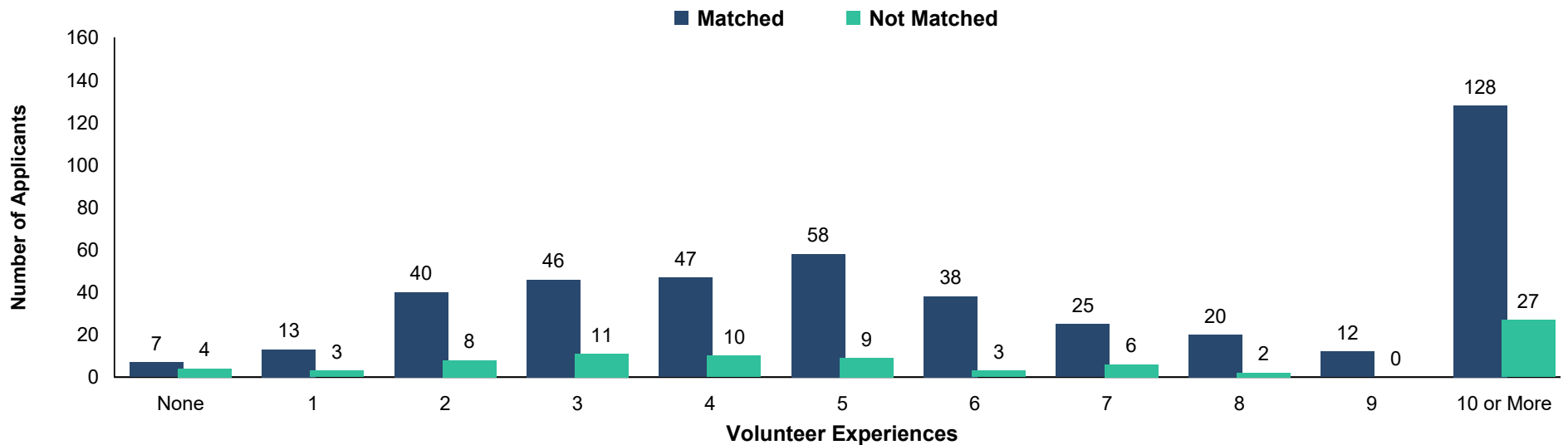
**Chart
EM-9**

**Number of Work Experiences of U.S. Osteopathic Seniors
*Emergency Medicine***



**Chart
EM-10**

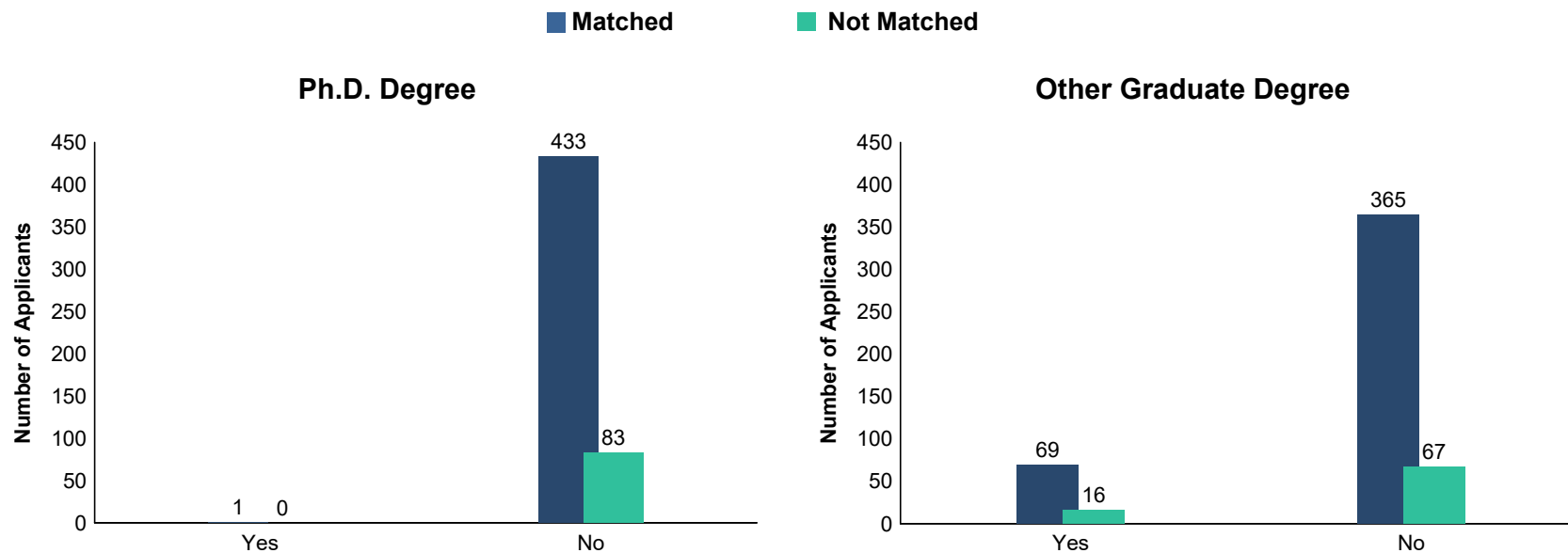
**Number of Volunteer Experiences of U.S. Osteopathic Seniors
*Emergency Medicine***



Source: NRMP Data Warehouse

**Chart
EM-11**

**Other Characteristics of U.S. Osteopathic Seniors
Emergency Medicine**



Source: NRMP Data Warehouse.

FM Family Medicine

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

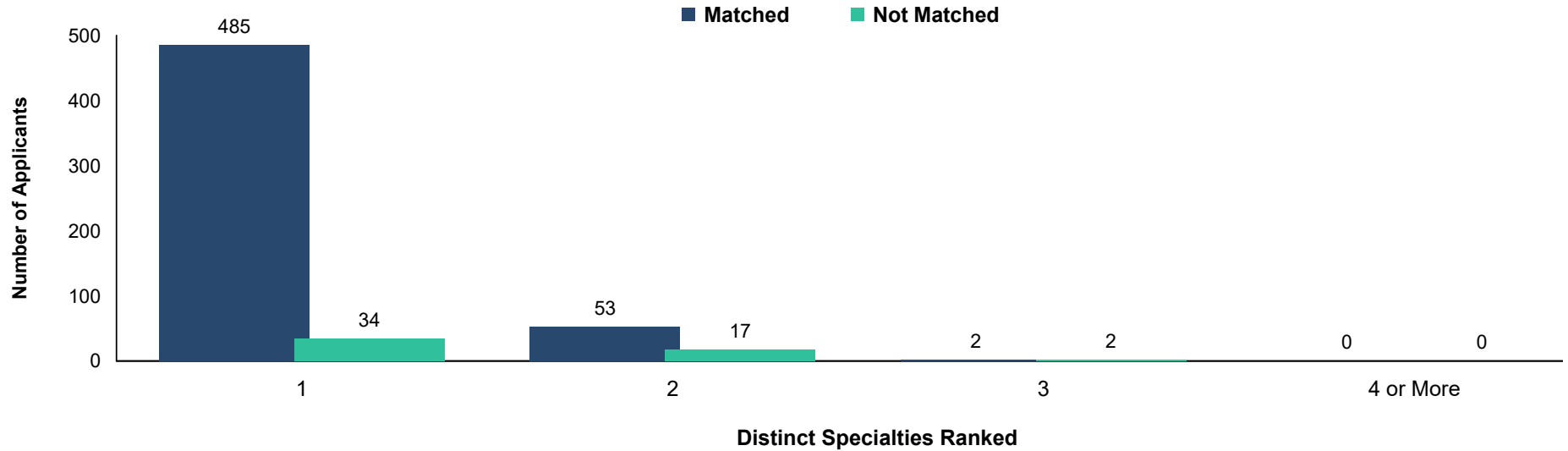
Measure	Matched (n=540)	Unmatched (n=53)
1. Mean number of contiguous ranks	9.1	4.2
2. Mean number of distinct specialties ranked	1.1	1.4
3. Mean COMLEX-USA Level 1 score	506	475
4. Mean COMLEX-USA Level 2-CE score	537	500
5. Mean USMLE Step 1 score	217	209
6. Mean USMLE Step 2 CK score	233	220
7. Mean number of research experiences	1.4	1.1
8. Mean number of abstracts, presentations, and publications	1.8	1.4
9. Mean number of work experiences	3.3	3.5
10. Mean number of volunteer experiences	7.2	4.9
11. Percentage who have a Ph.D. degree	0.2	0.0
12. Percentage who have another graduate degree	22.6	16.7

Source: NRMP Data Warehouse.

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

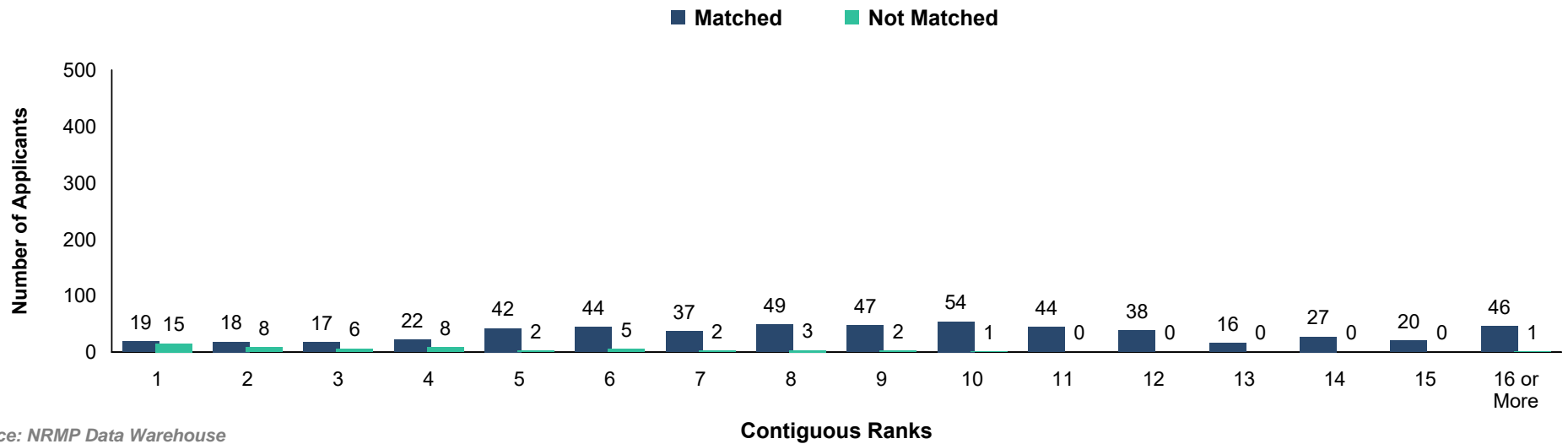
**Chart
FM-1**

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



**Chart
FM-2**

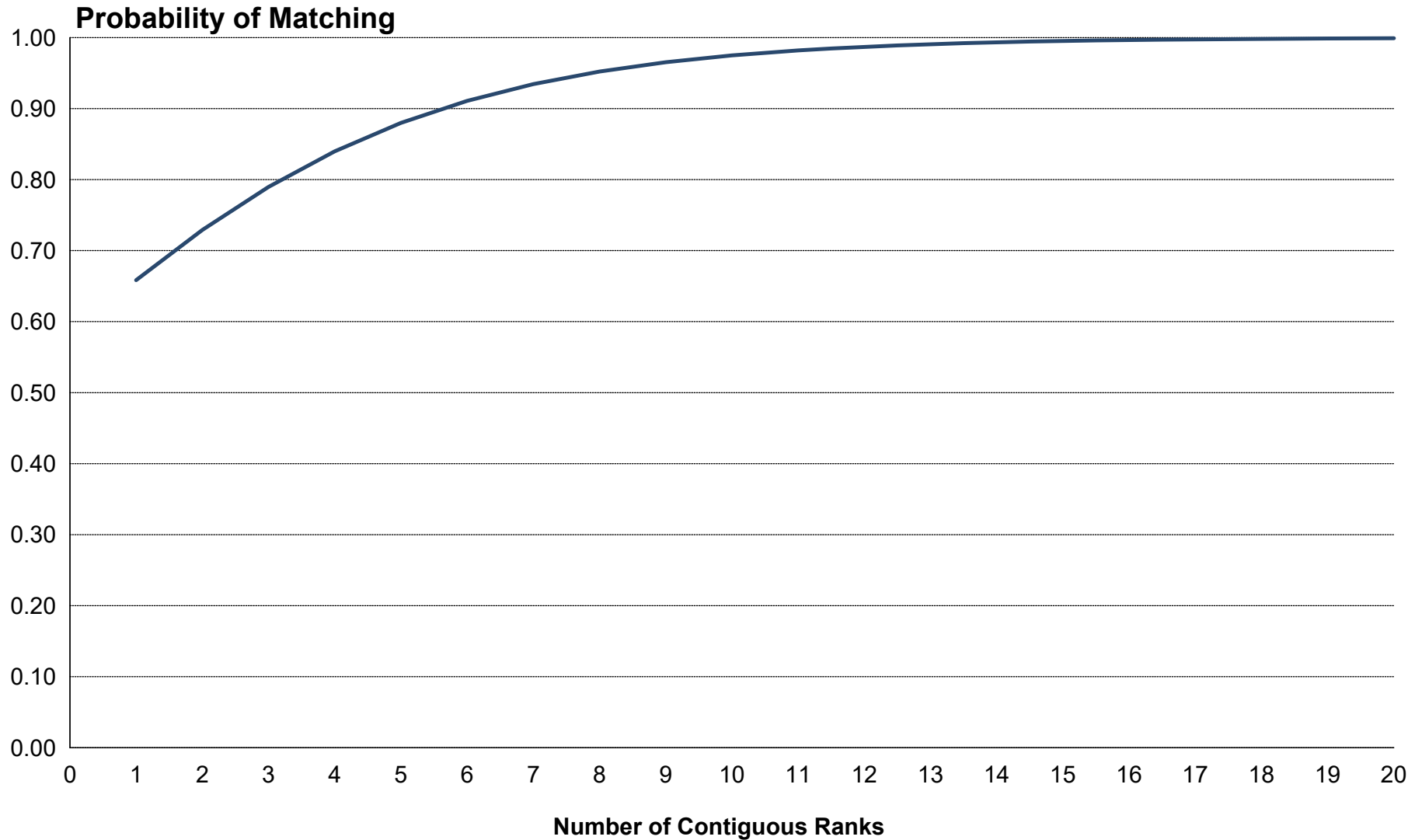
**Number of Contiguous Ranks of U.S. Osteopathic Seniors
Family Medicine**



Source: NRMP Data Warehouse

**Graph
FM-1**

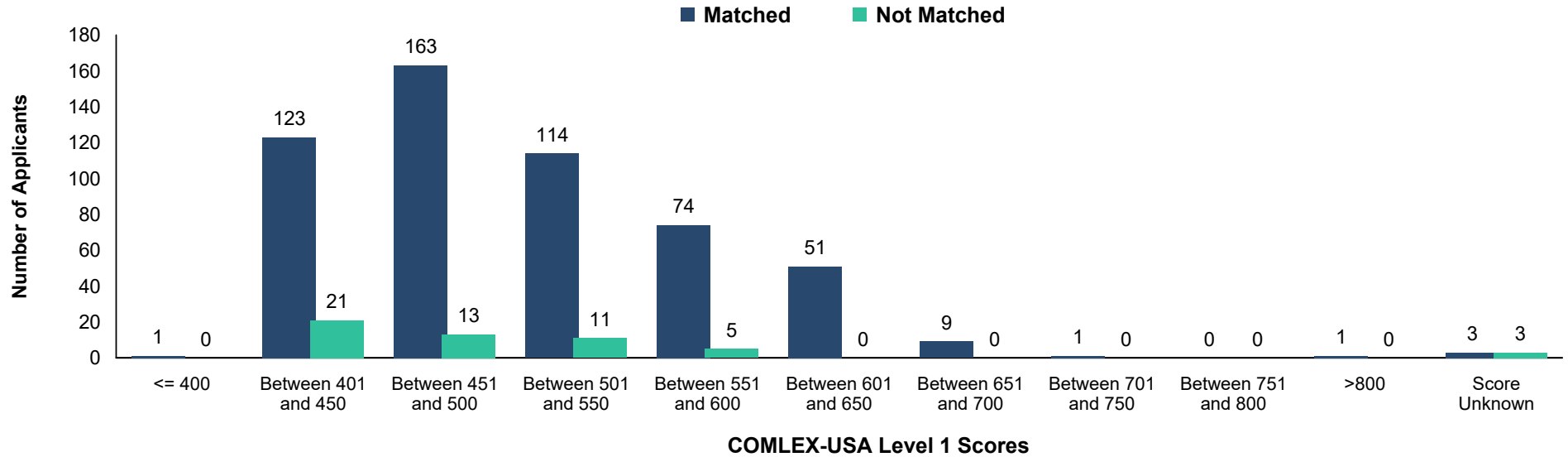
**Probability of U.S. Osteopathic Seniors Matching to Preferred Specialty by Number of
Contiguous Ranks**
Family Medicine



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2016-2018 applicants.

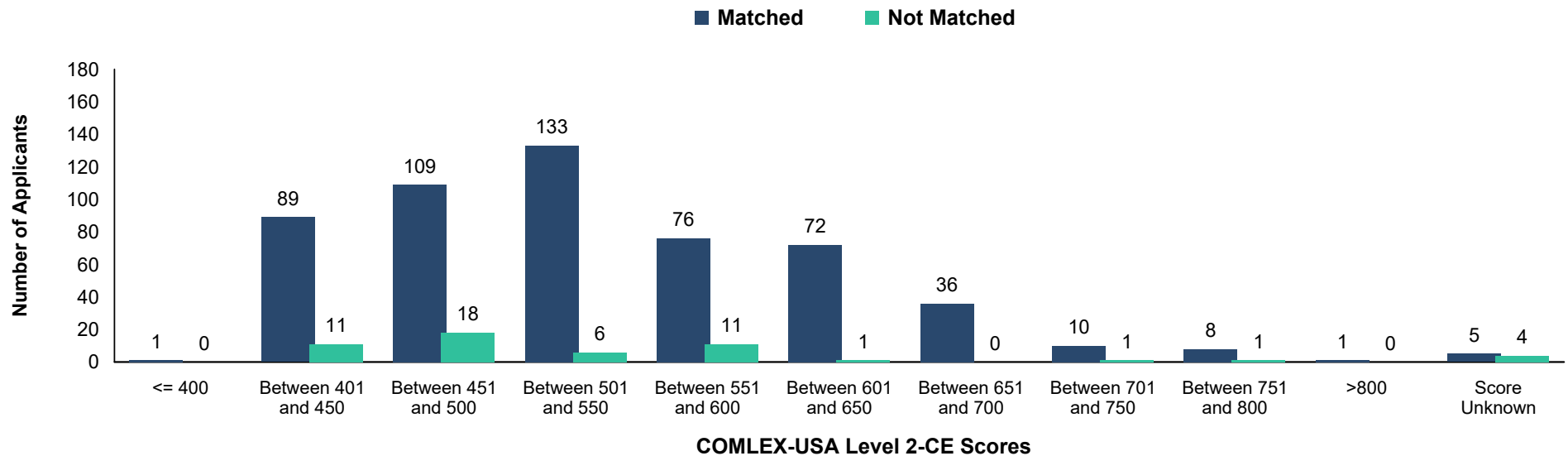
**Chart
FM-3**

**COMLEX-USA Level 1 Scores of U.S. Osteopathic Seniors
Family Medicine**



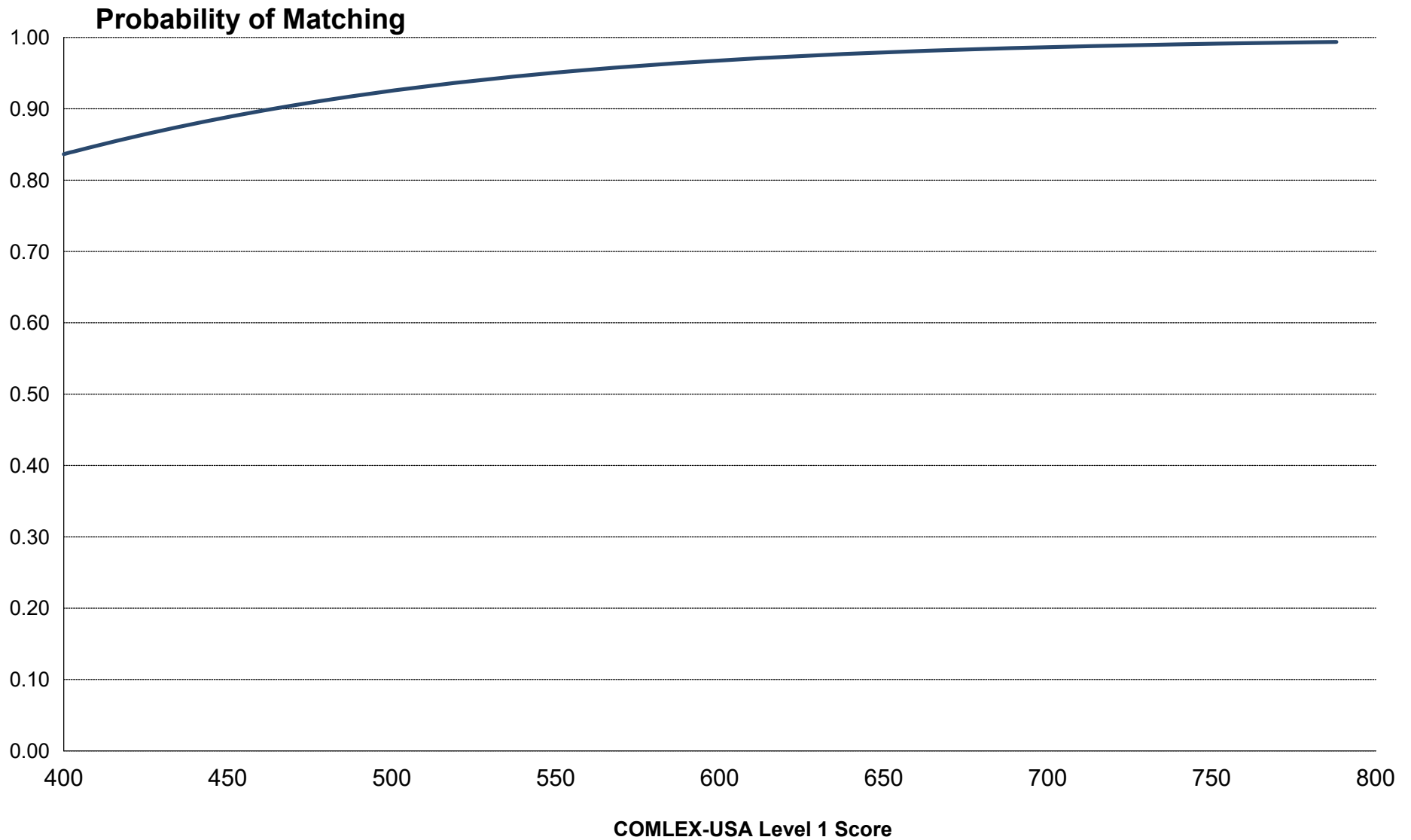
**Chart
FM-4**

**COMLEX-USA Level 2-CE Scores of U.S. Osteopathic Seniors
Family Medicine**



**Graph
FM-2**

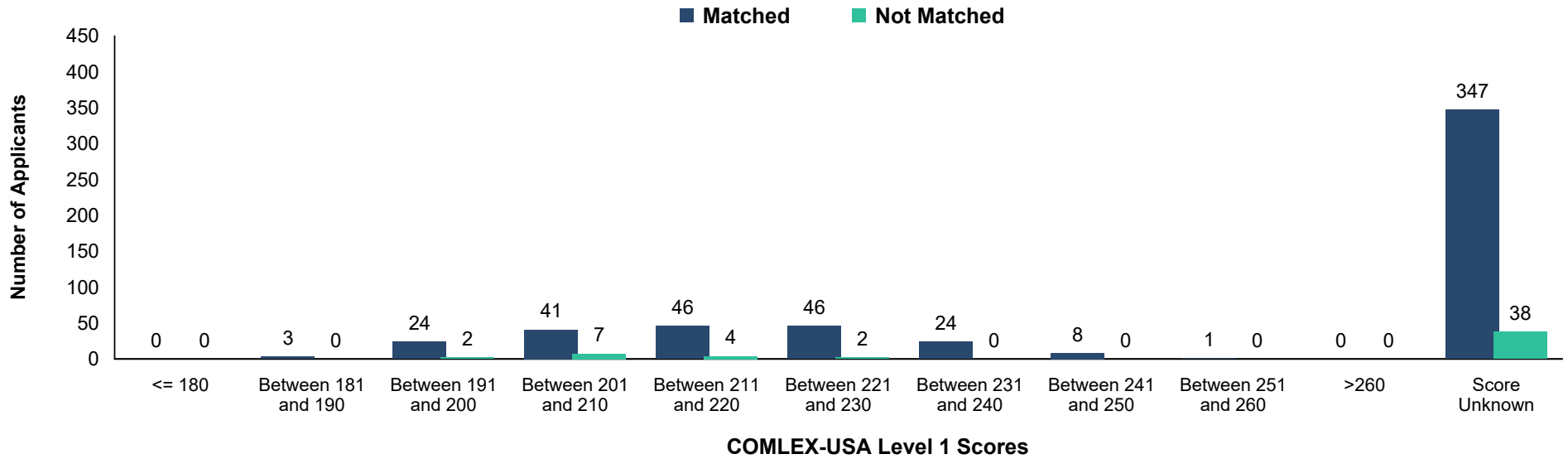
Probability of U.S. Osteopathic Seniors Matching to Preferred Specialty by COMLEX-USA Level 1 Score
Family Medicine



*Note: Probabilities calculated based on 2016-2018 applicants.
Sources: NRMP Data Warehouse; 2016 COMLEX-USA scores provided by NBOME.*

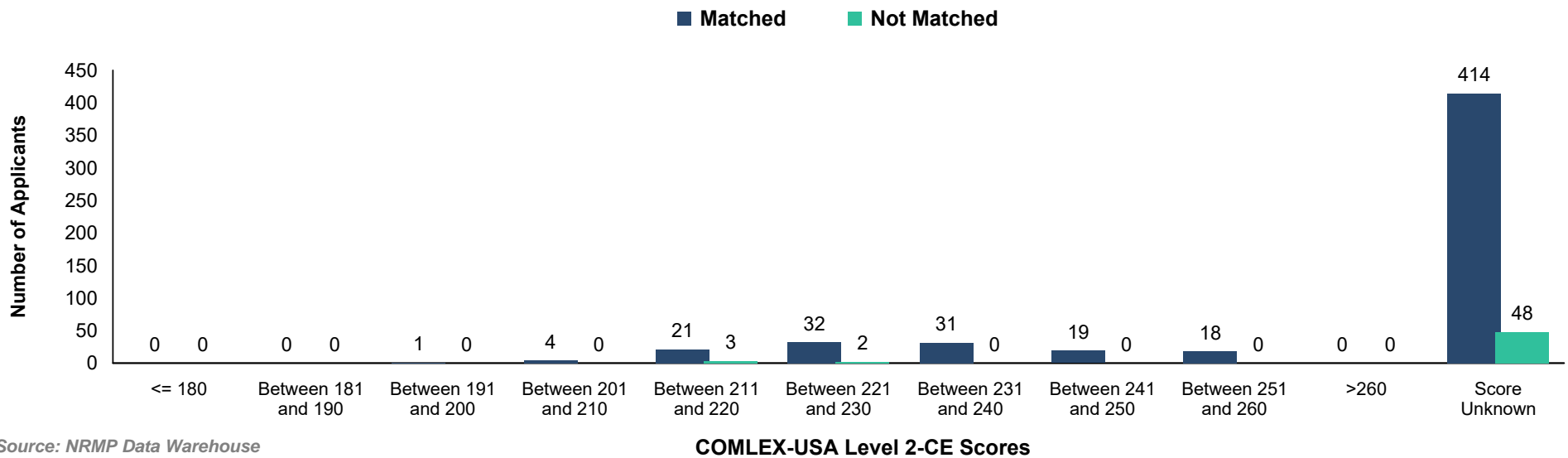
**Chart
FM-5**

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



**Chart
FM-6**

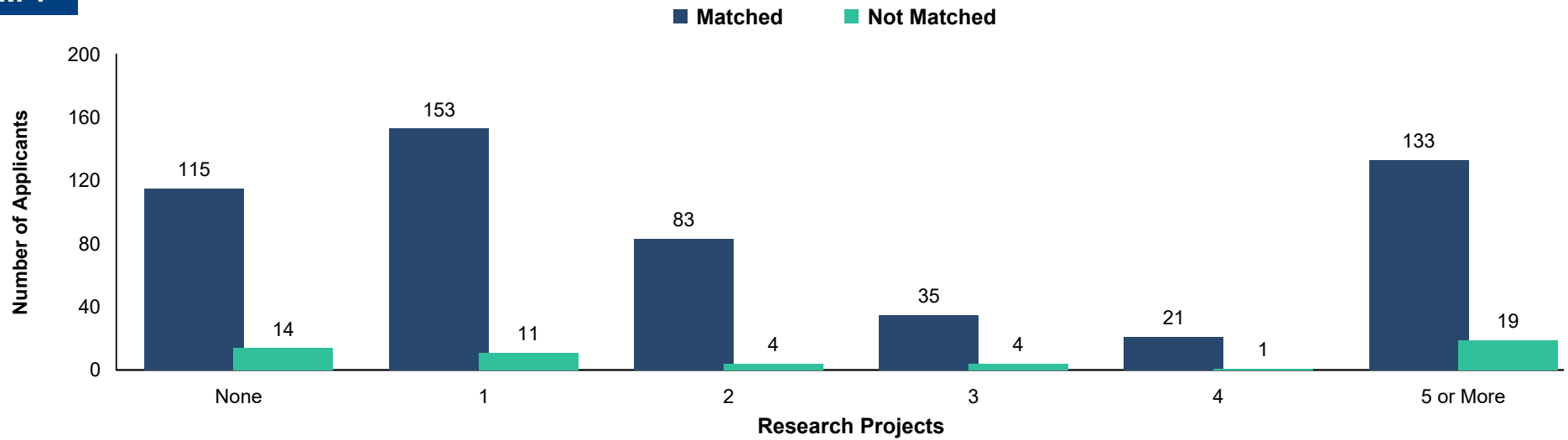
**USMLE Step 2 CK Scores of U.S. Osteopathic Seniors
Family Medicine**



Source: NRMP Data Warehouse

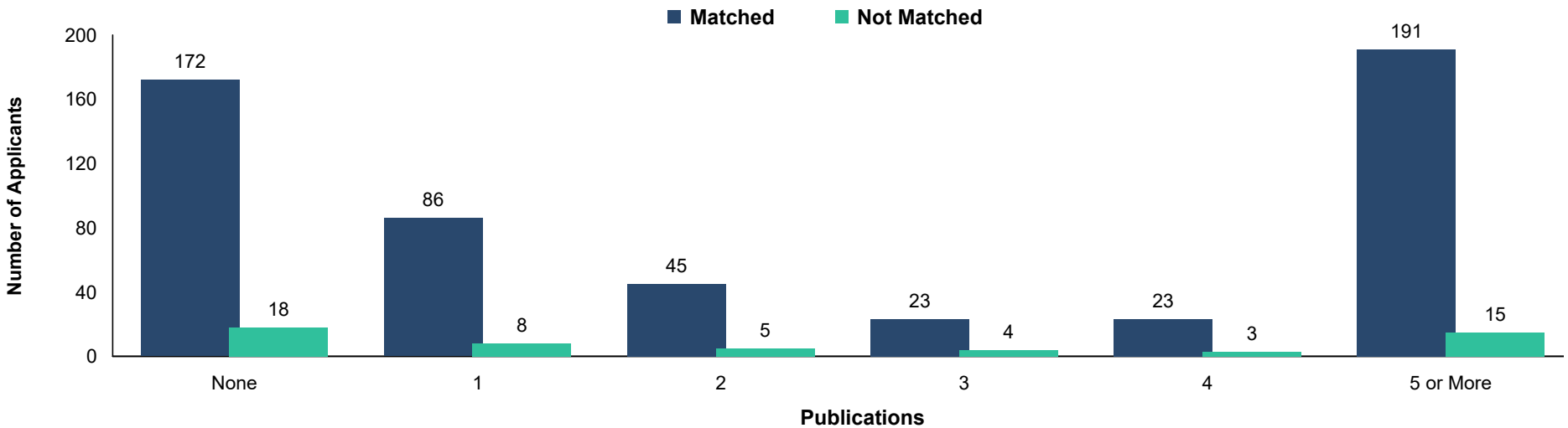
**Chart
FM-7**

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



**Chart
FM-8**

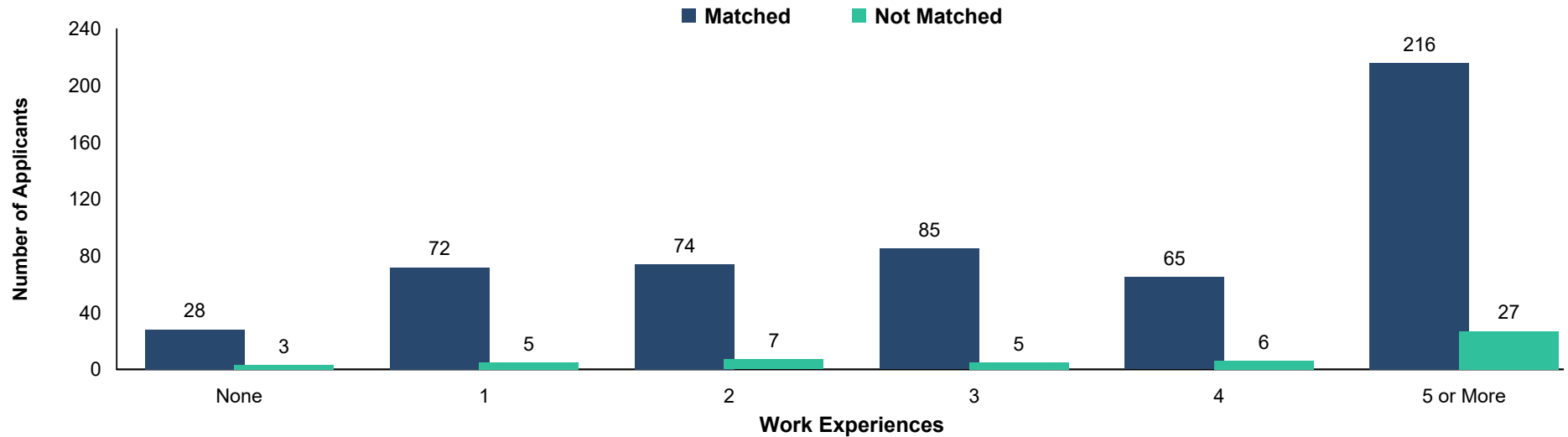
Number of Abstracts, Presentations, and Publications of U.S. Osteopathic Seniors *Family Medicine*



Source: NRMP Data Warehouse

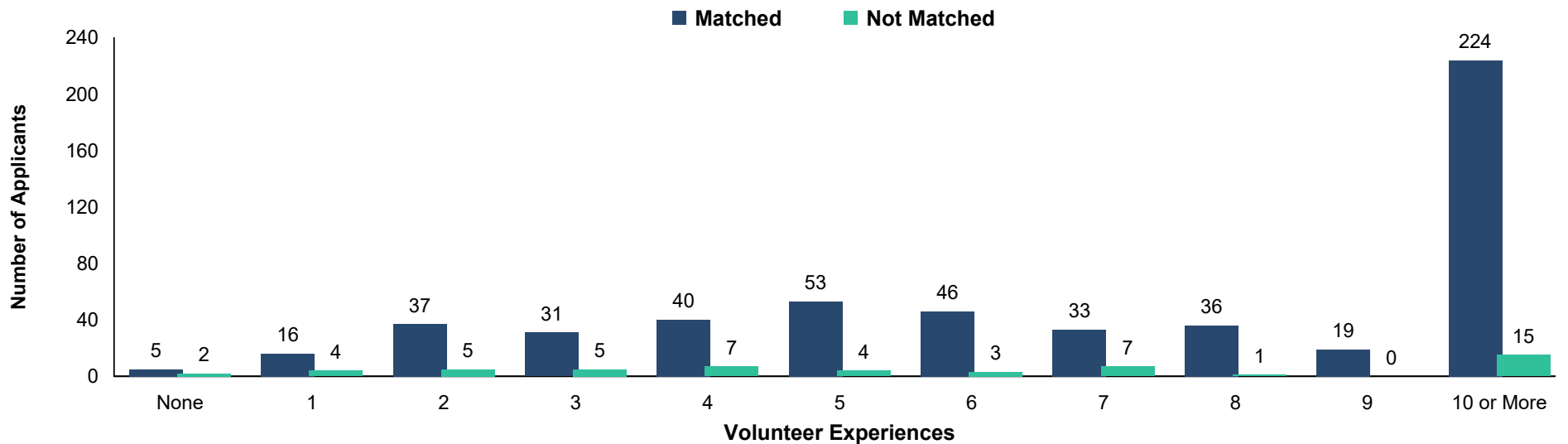
**Chart
FM-9**

**Number of Work Experiences of U.S. Osteopathic Seniors
Family Medicine**



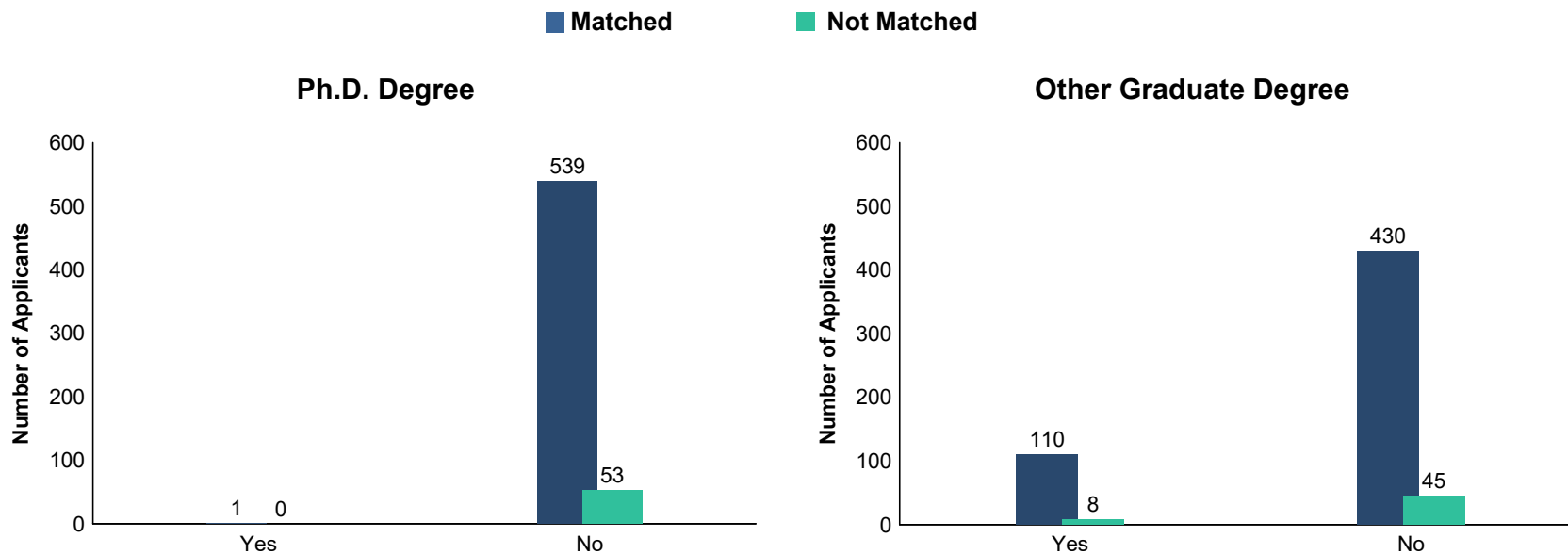
**Chart
FM-10**

**Number of Volunteer Experiences of U.S. Osteopathic Seniors
Family Medicine**



Source: NRMP Data Warehouse

Other Characteristics of U.S. Osteopathic Seniors
Family Medicine



Source: NRMP Data Warehouse.

GS **General Surgery**

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

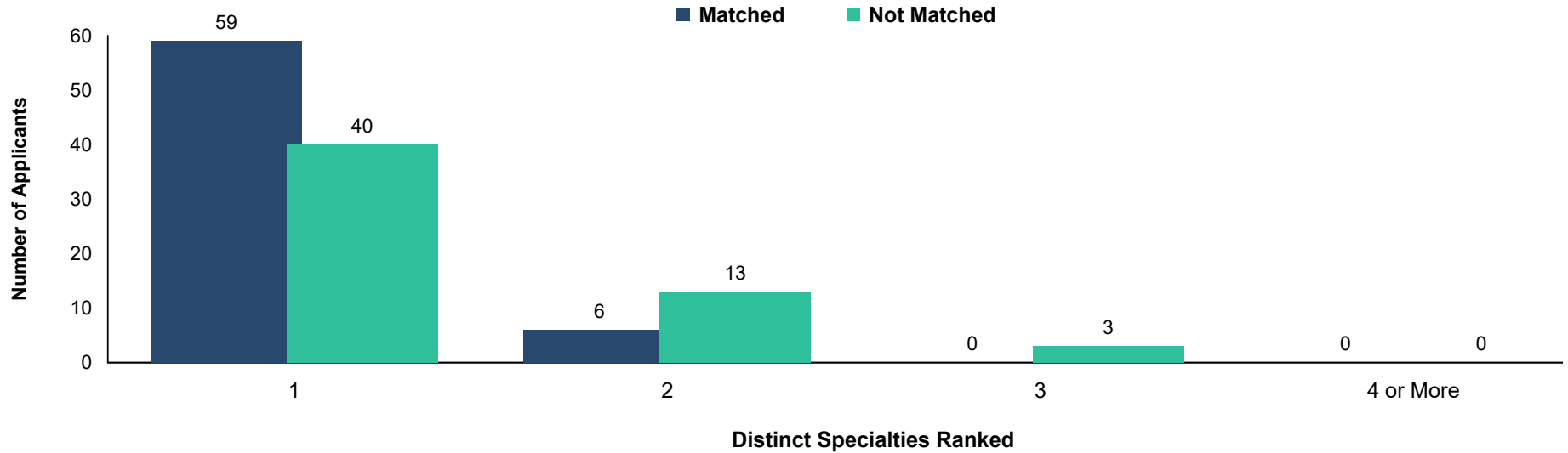
Measure	Matched (n=65)	Unmatched (n=56)
1. Mean number of contiguous ranks	9.4	3.7
2. Mean number of distinct specialties ranked	1.1	1.3
3. Mean COMLEX-USA Level 1 score	613	554
4. Mean COMLEX-USA Level 2-CE score	666	564
5. Mean USMLE Step 1 score	238	228
6. Mean USMLE Step 2 CK score	248	234
7. Mean number of research experiences	2.0	2.0
8. Mean number of abstracts, presentations, and publications	3.2	2.5
9. Mean number of work experiences	3.6	3.6
10. Mean number of volunteer experiences	5.8	5.2
11. Percentage who have a Ph.D. degree	0.0	0.0
12. Percentage who have another graduate degree	23.4	25.5

Source: NRMP Data Warehouse.

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

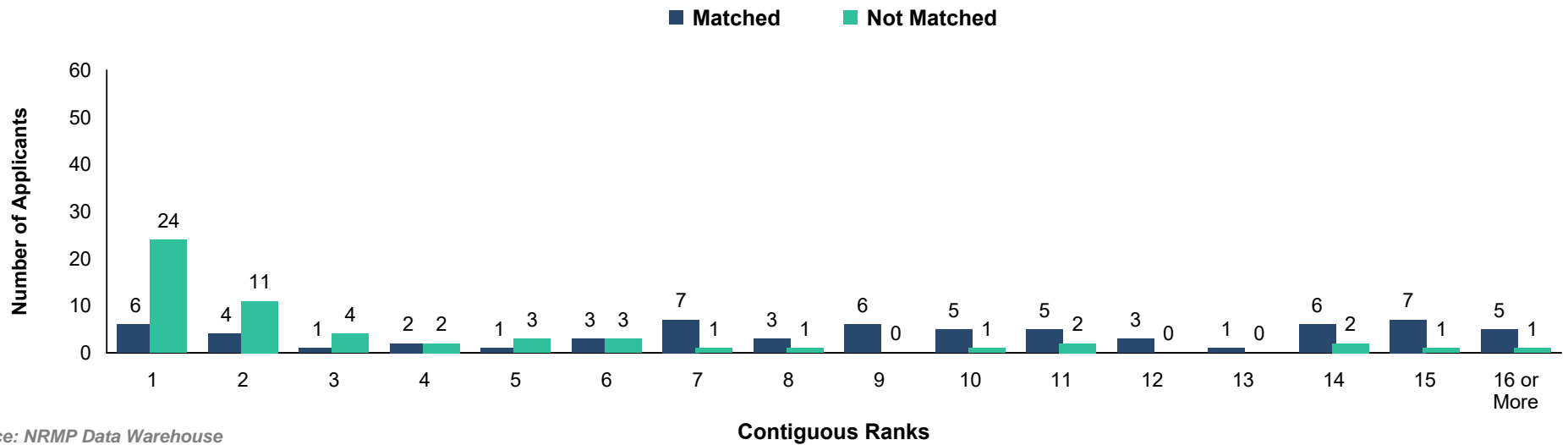
**Chart
GS-1**

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



**Chart
GS-2**

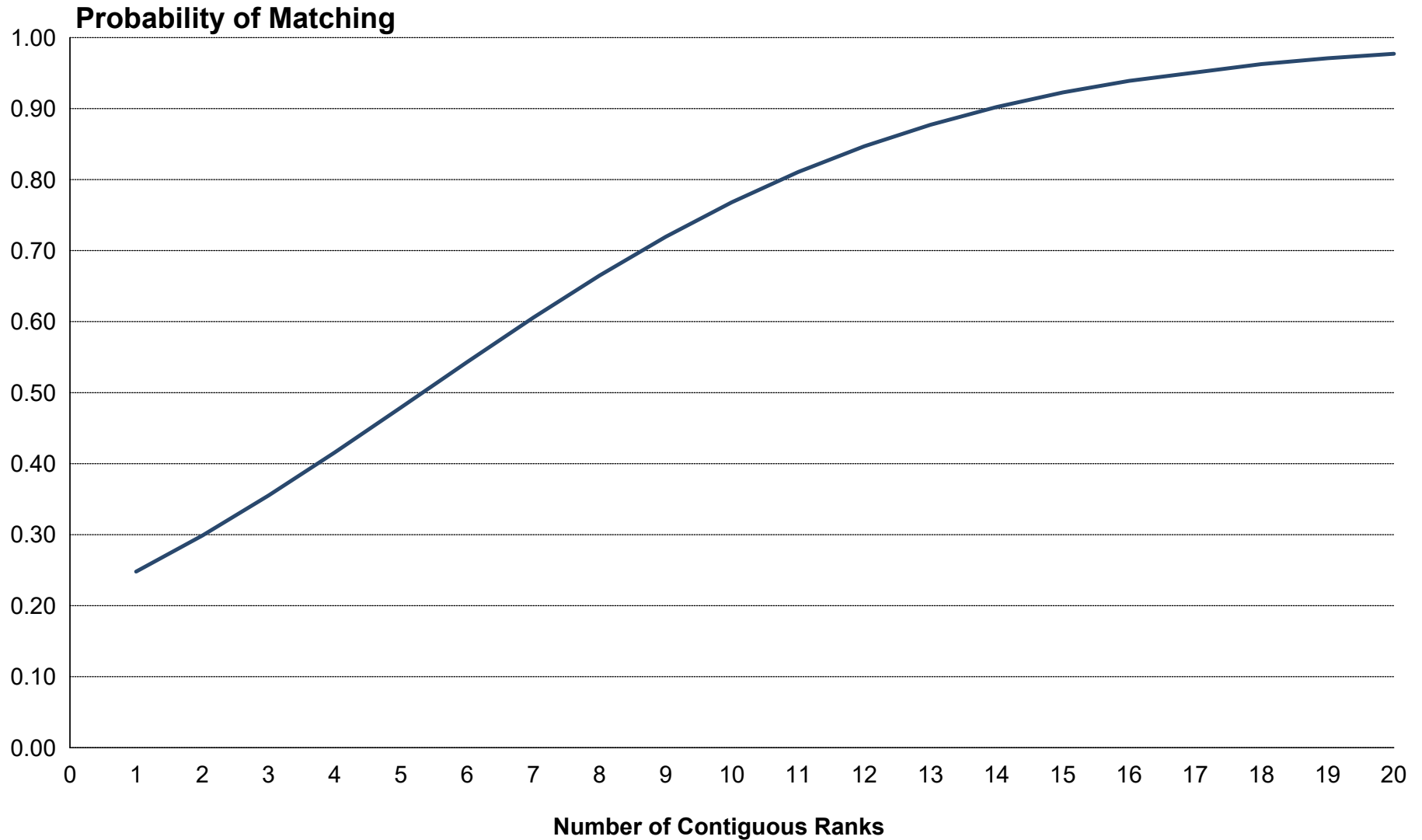
**Number of Contiguous Ranks of U.S. Osteopathic Seniors
General Surgery**



Source: NRMP Data Warehouse

**Graph
GS-1**

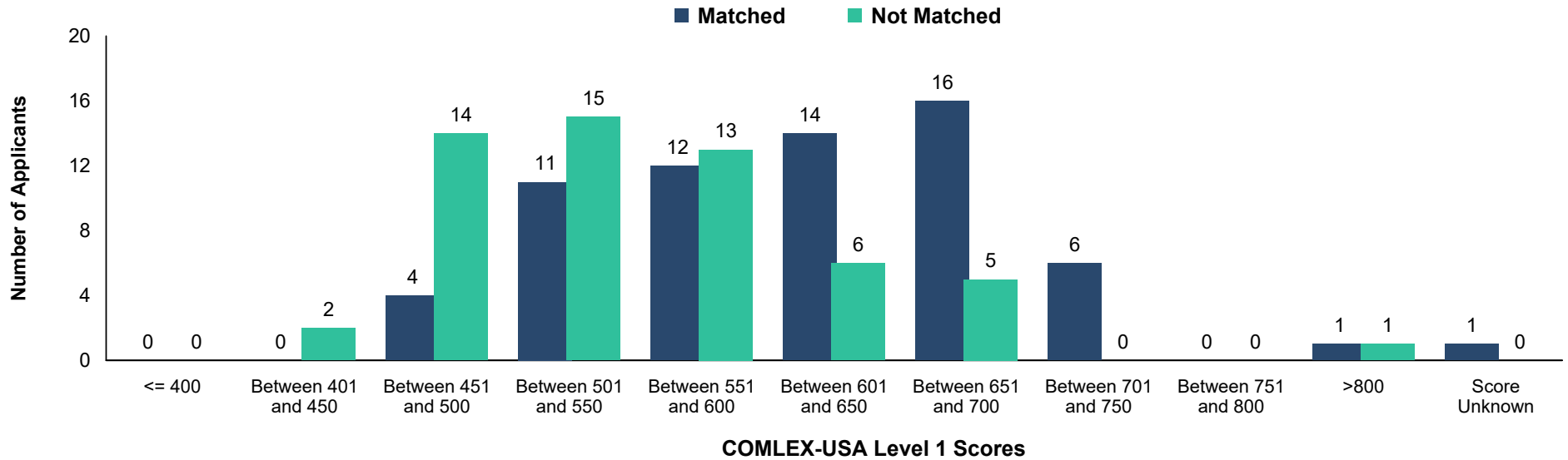
**Probability of U.S. Osteopathic Seniors Matching to Preferred Specialty by Number of
Contiguous Ranks**
General Surgery



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2016-2018 applicants.

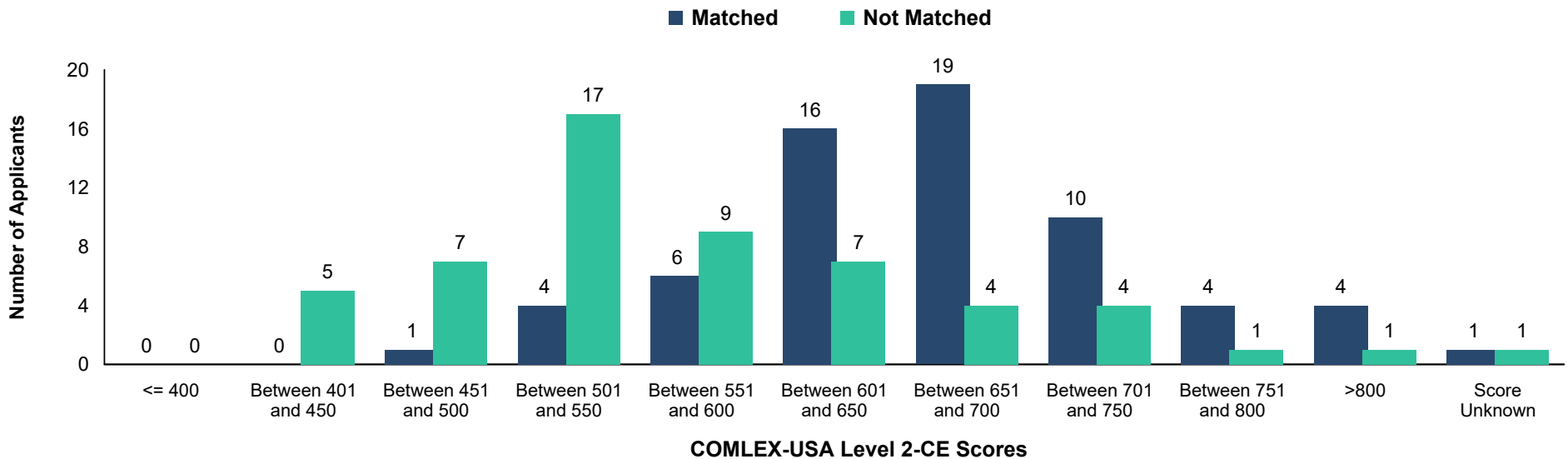
**Chart
GS-3**

**COMLEX-USA Level 1 Scores of U.S. Osteopathic Seniors
General Surgery**



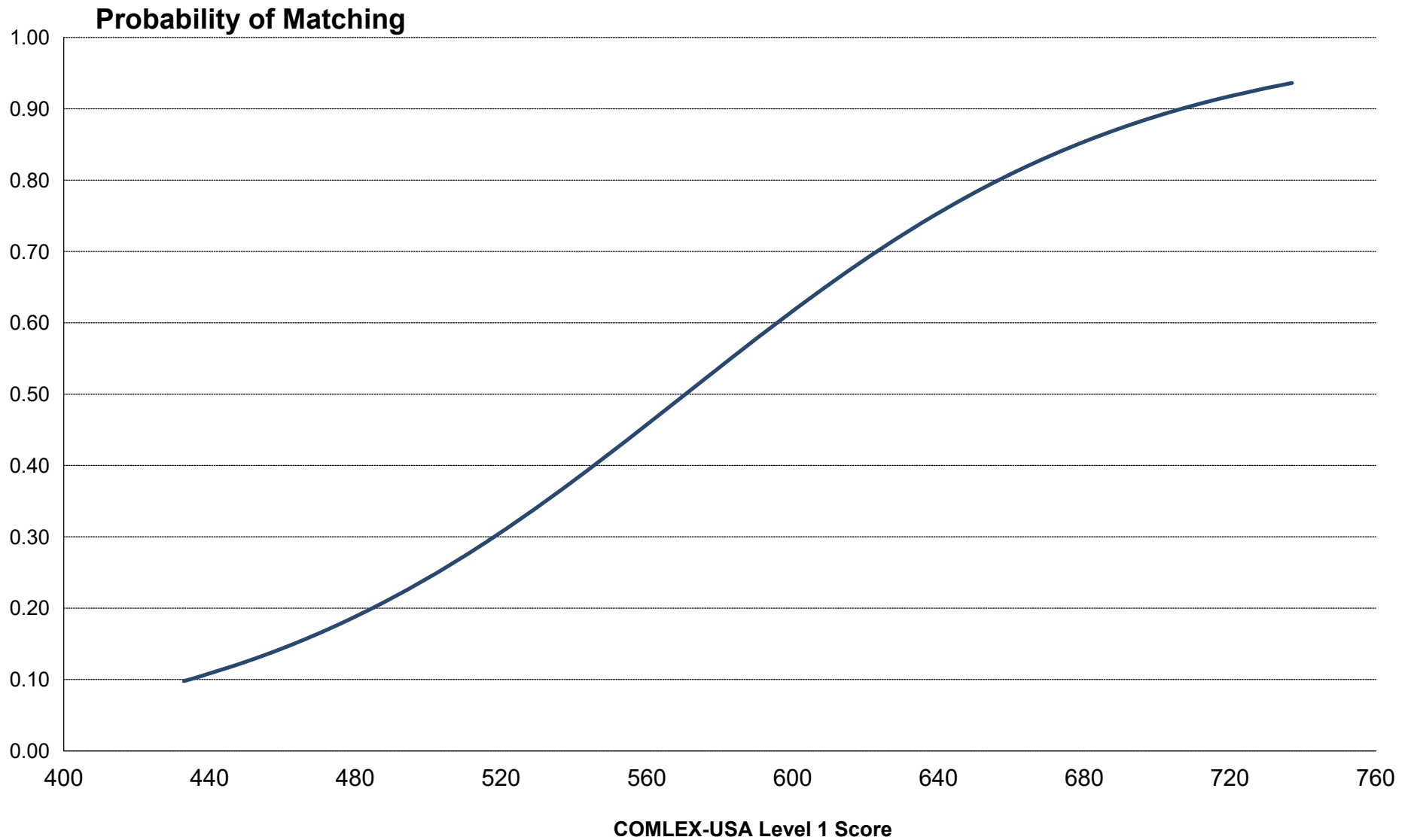
**Chart
GS-4**

**COMLEX-USA Level 2-CE Scores of U.S. Osteopathic Seniors
General Surgery**



**Graph
GS-2**

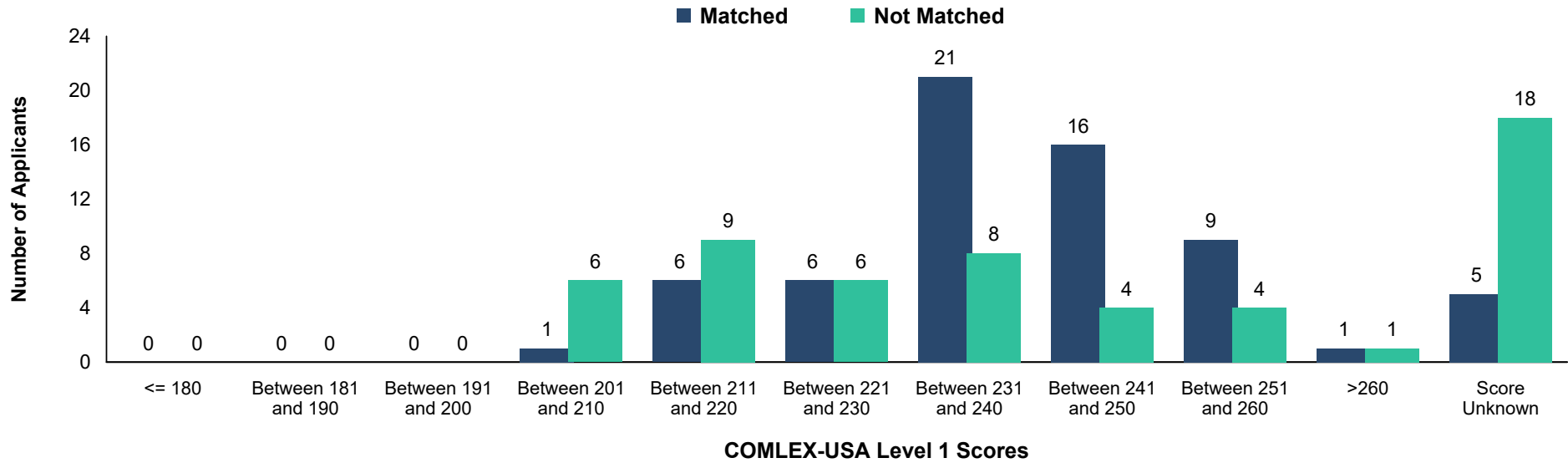
Probability of U.S. Osteopathic Seniors Matching to Preferred Specialty by COMLEX-USA Level 1 Score
General Surgery



*Note: Probabilities calculated based on 2016-2018 applicants.
Sources: NRMP Data Warehouse; 2016 COMLEX-USA scores provided by NBOME.*

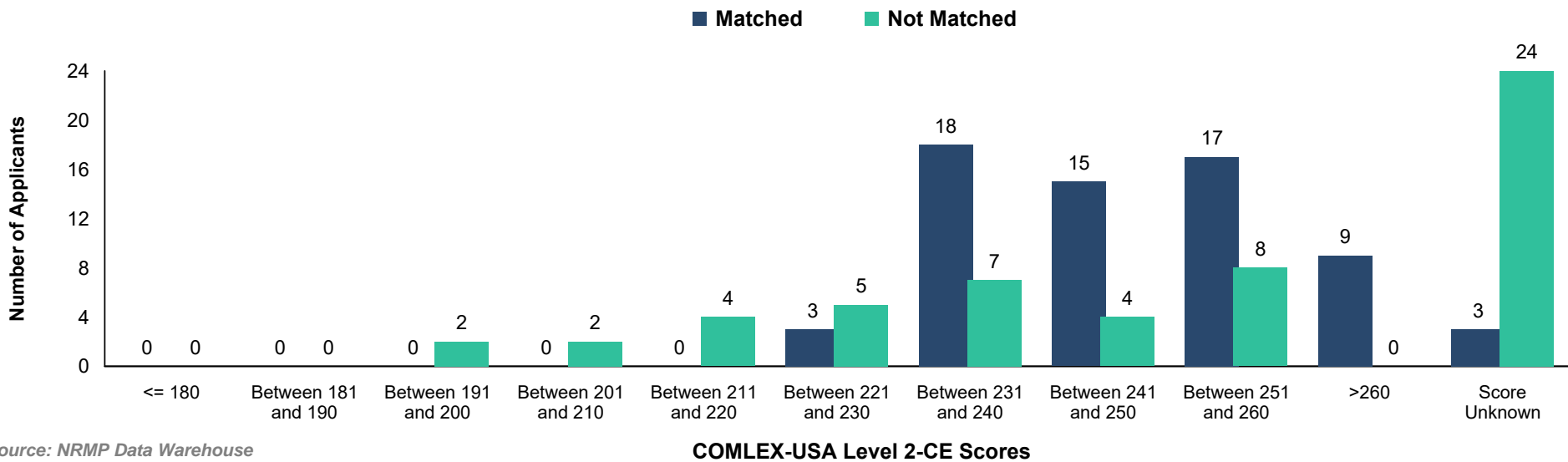
**Chart
GS-5**

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



**Chart
GS-6**

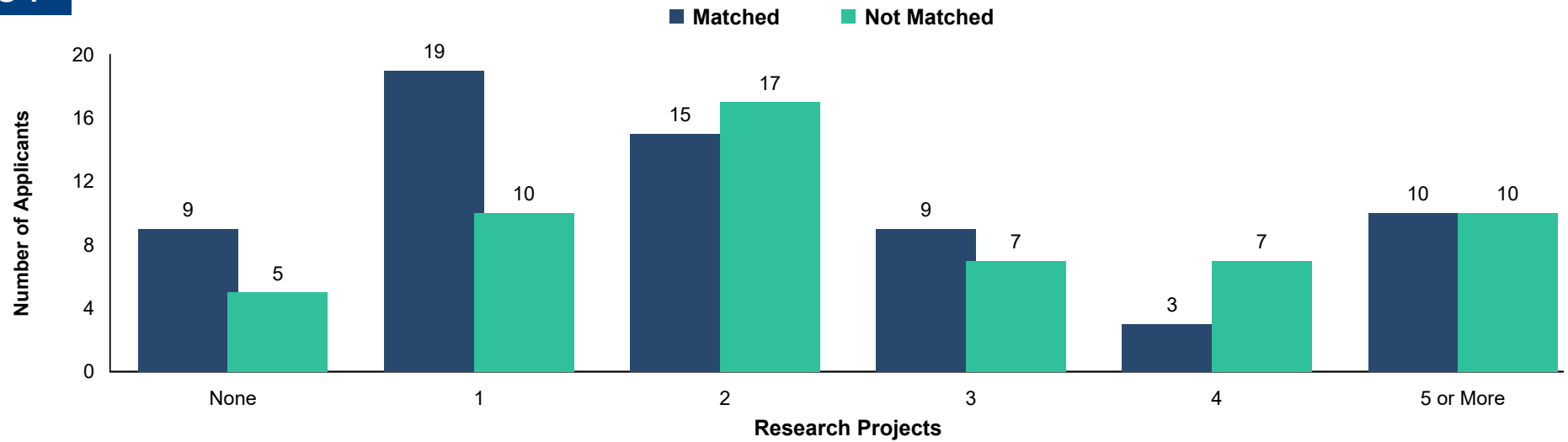
**USMLE Step 2 CK Scores of U.S. Osteopathic Seniors
General Surgery**



Source: NRMP Data Warehouse

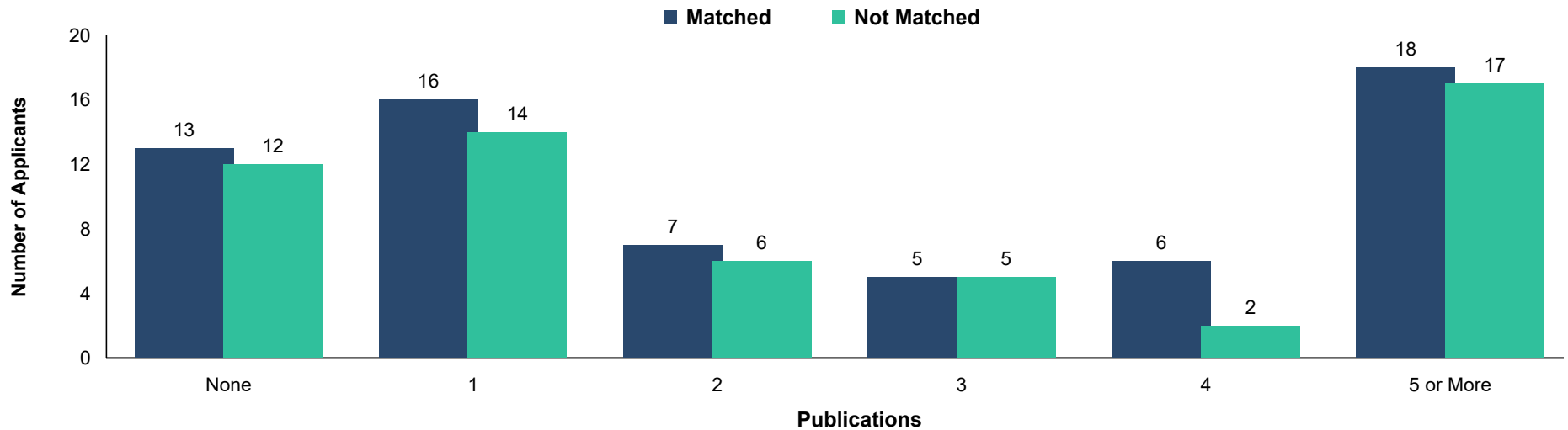
**Chart
GS-7**

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



**Chart
GS-8**

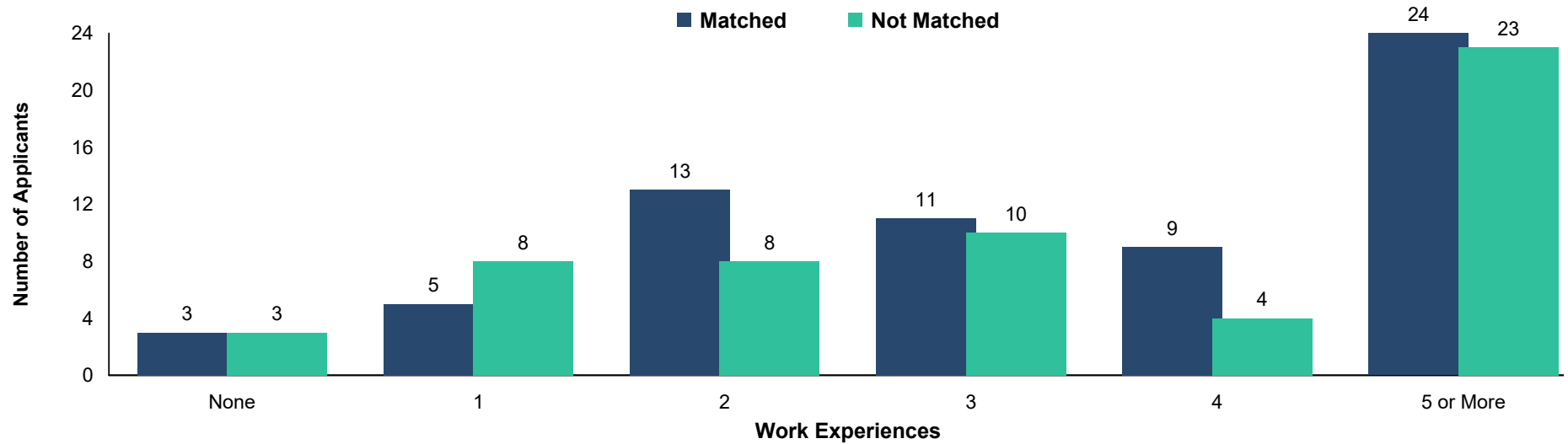
Number of Abstracts, Presentations, and Publications of U.S. Osteopathic Seniors *General Surgery*



Source: NRMP Data Warehouse

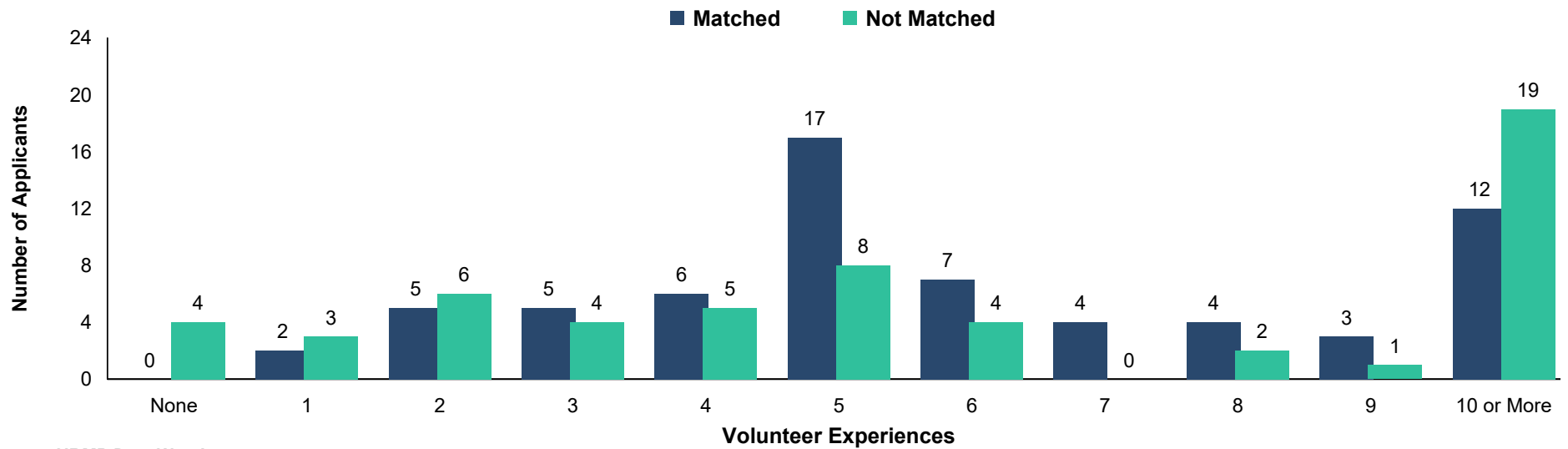
**Chart
GS-9**

**Number of Work Experiences of U.S. Osteopathic Seniors
General Surgery**



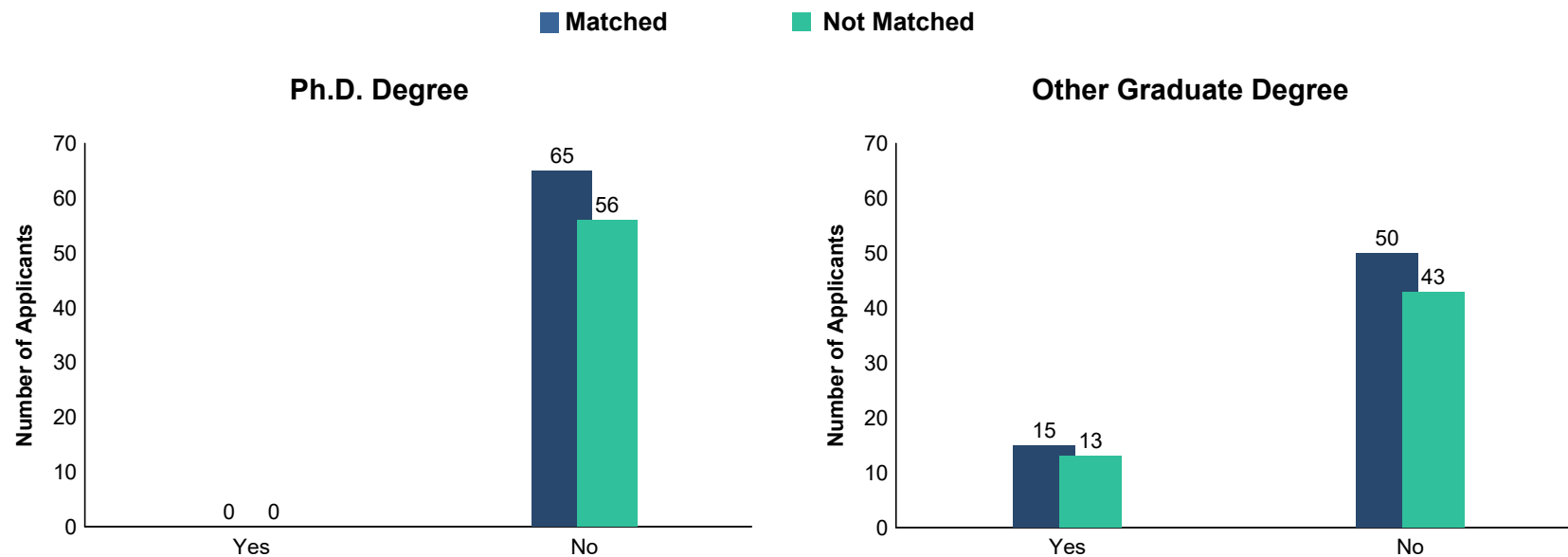
**Chart
GS-10**

**Number of Volunteer Experiences of U.S. Osteopathic Seniors
General Surgery**



Source: NRMP Data Warehouse

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



Source: NRMP Data Warehouse.

IM

Internal Medicine

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

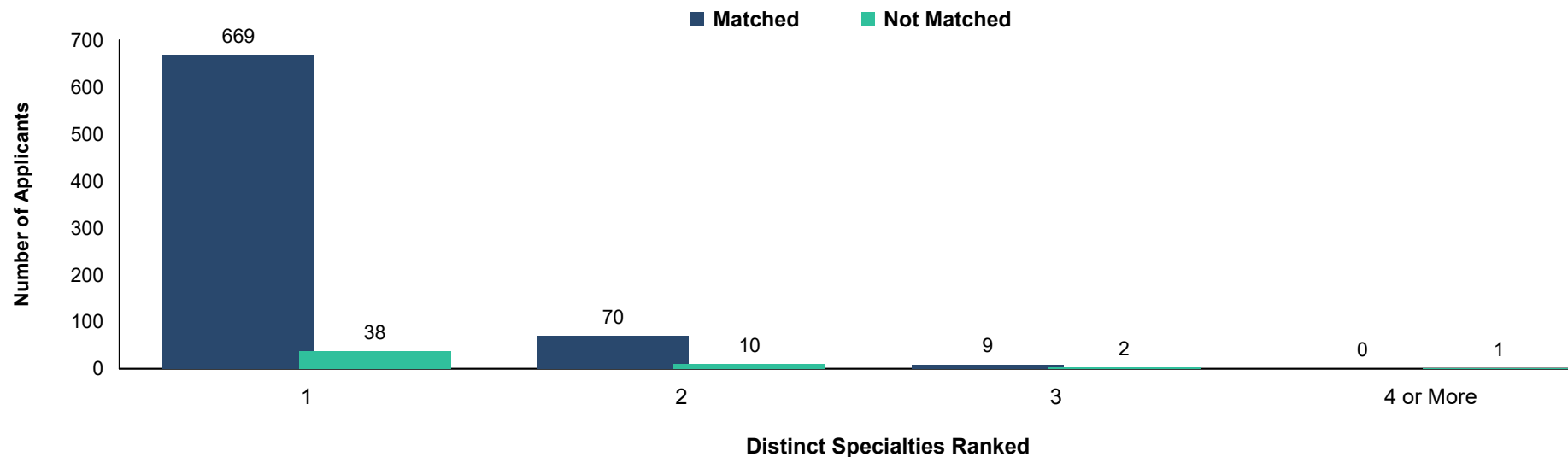
Measure	Matched (n=748)	Unmatched (n=51)
1. Mean number of contiguous ranks	9.8	3.6
2. Mean number of distinct specialties ranked	1.1	1.3
3. Mean COMLEX-USA Level 1 score	554	465
4. Mean COMLEX-USA Level 2-CE score	588	481
5. Mean USMLE Step 1 score	226	211
6. Mean USMLE Step 2 CK score	239	219
7. Mean number of research experiences	1.7	2.5
8. Mean number of abstracts, presentations, and publications	2.2	3.1
9. Mean number of work experiences	2.9	3.2
10. Mean number of volunteer experiences	6.3	6.8
11. Percentage who have a Ph.D. degree	0.6	2.1
12. Percentage who have another graduate degree	18.7	34.0

Source: NRMP Data Warehouse.

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

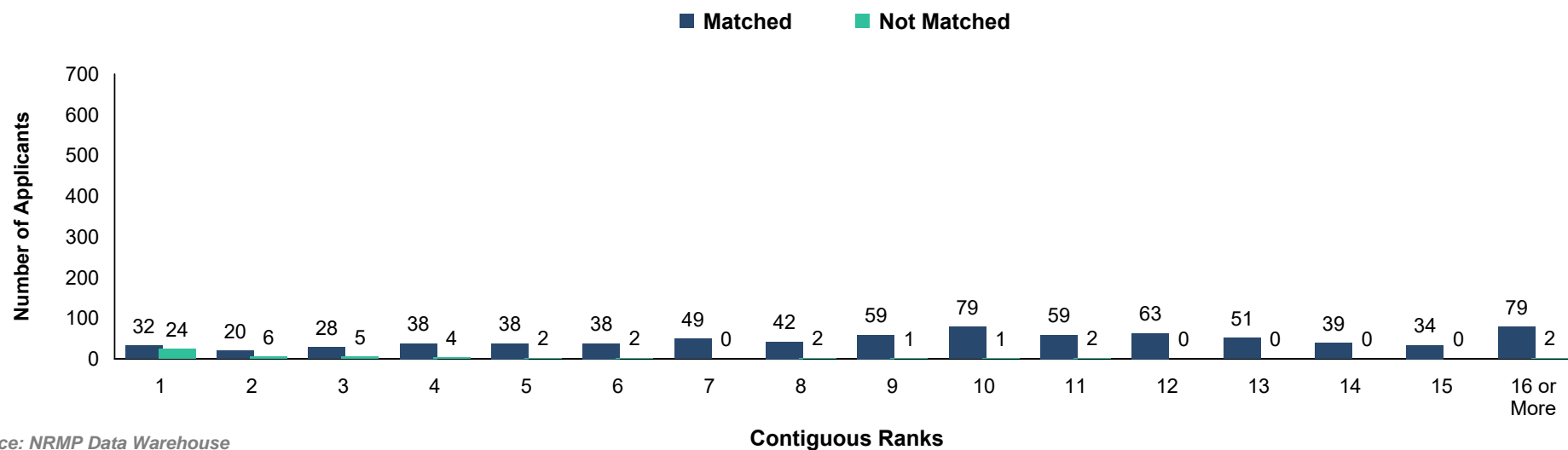
**Chart
IM-1**

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



**Chart
IM-2**

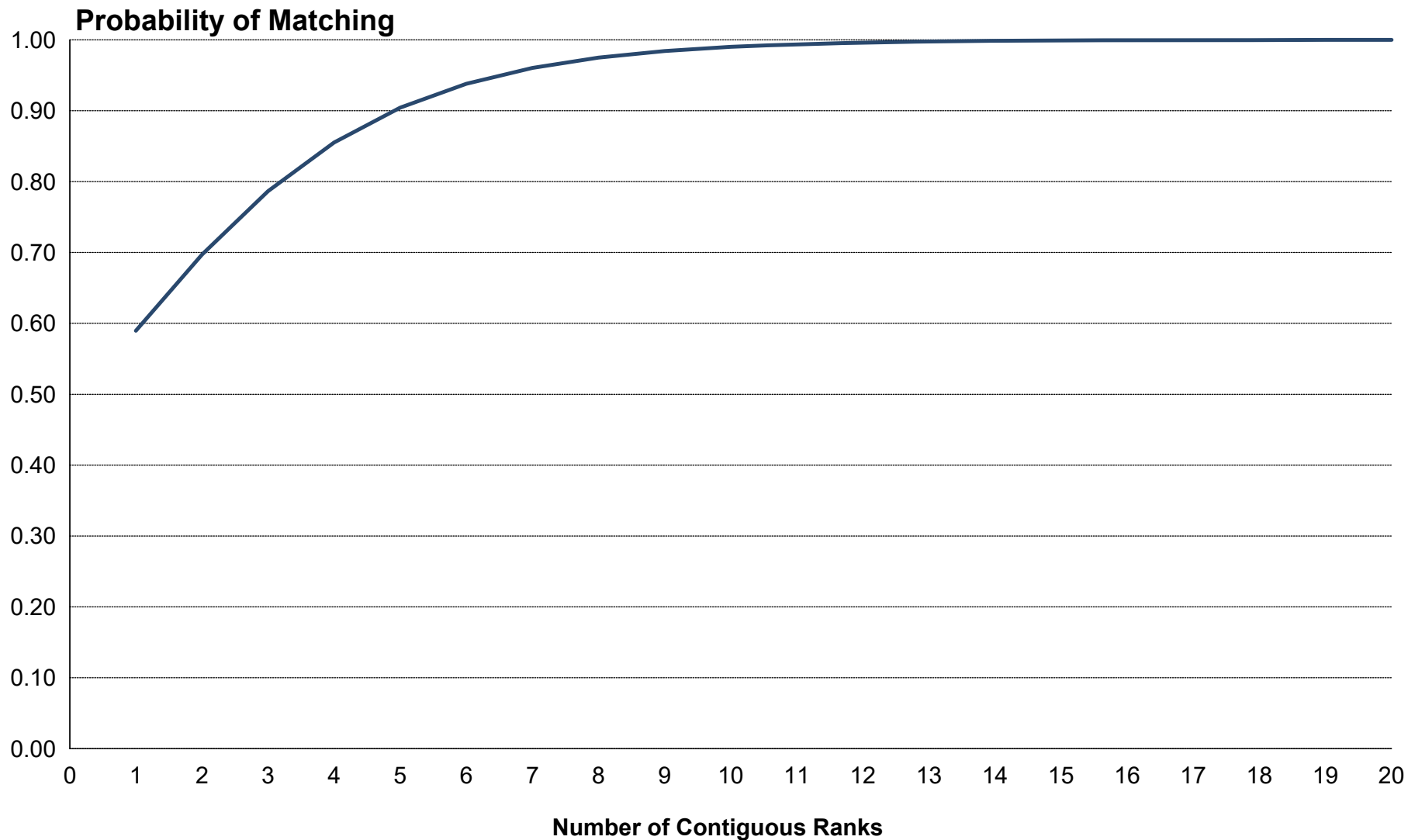
**Number of Contiguous Ranks of U.S. Osteopathic Seniors
*Internal Medicine***



Source: NRMP Data Warehouse

**Graph
IM-1**

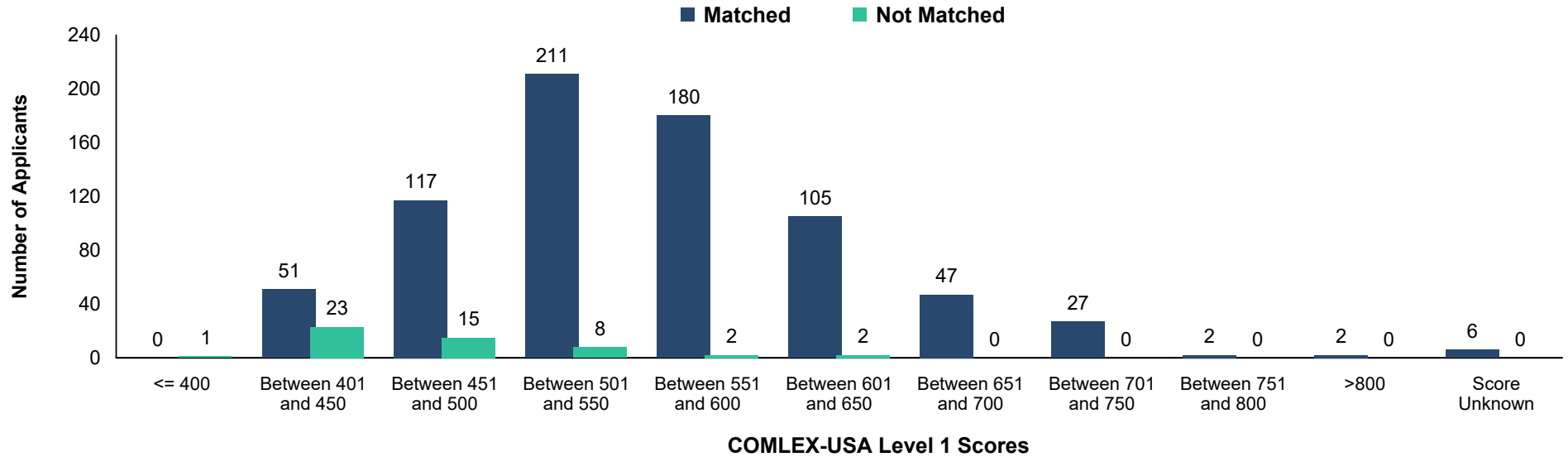
**Probability of U.S. Osteopathic Seniors Matching to Preferred Specialty by Number of
Contiguous Ranks**
Internal Medicine



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2016-2018 applicants.

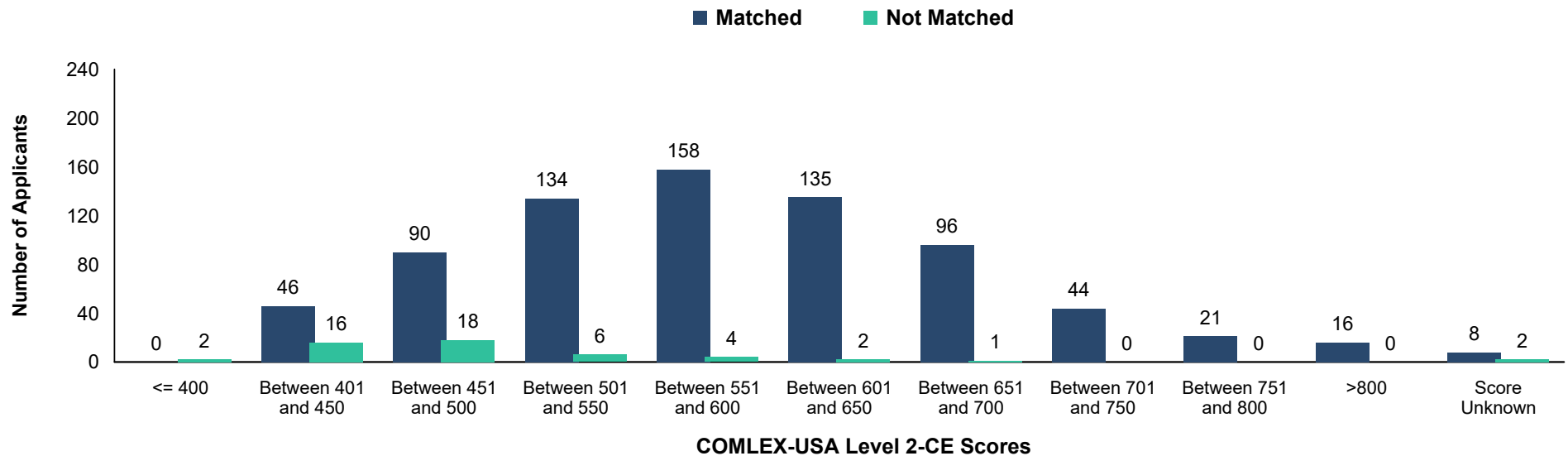
**Chart
IM-3**

**COMLEX-USA Level 1 Scores of U.S. Osteopathic Seniors
Internal Medicine**



**Chart
IM-4**

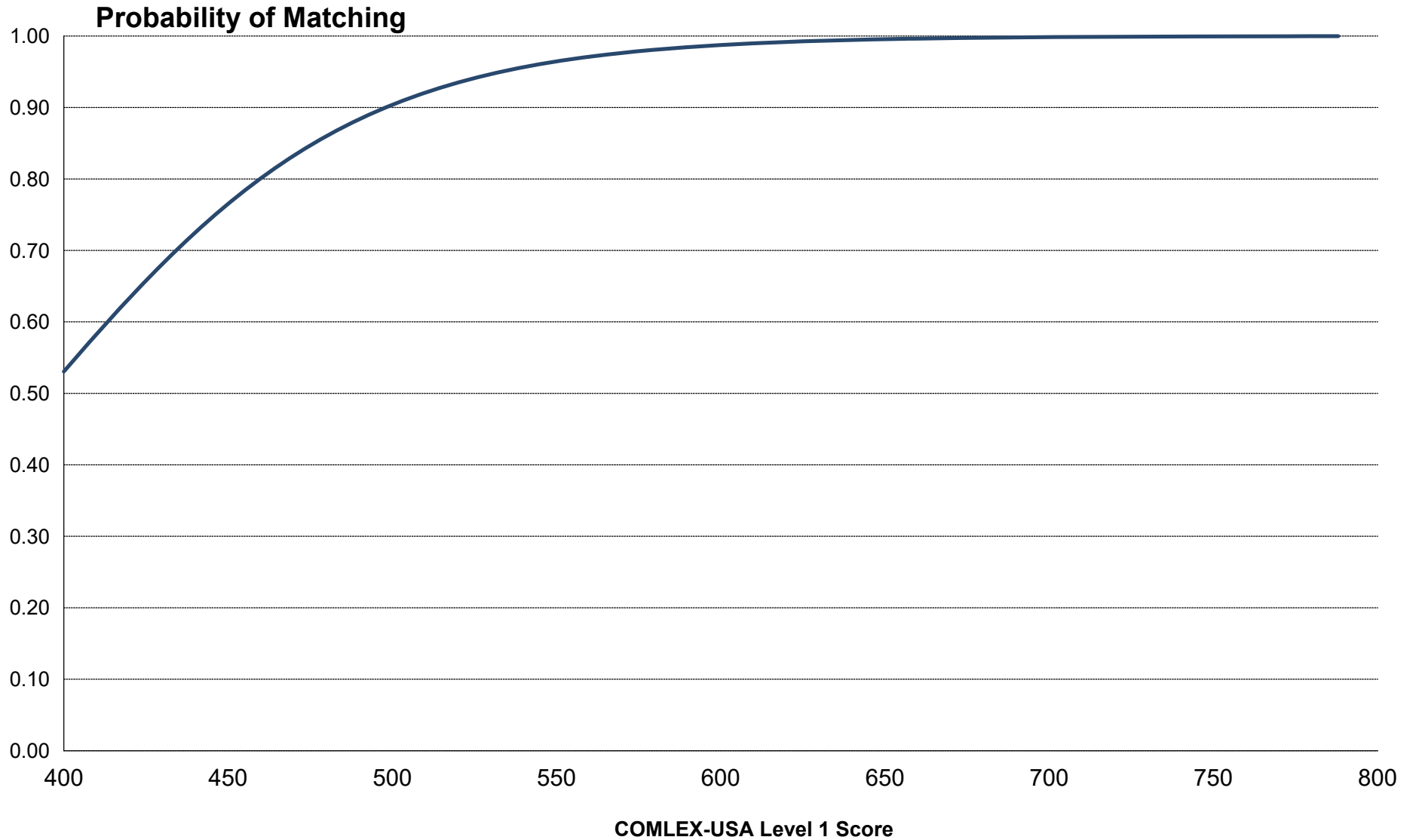
**COMLEX-USA Level 2-CE Scores of U.S. Osteopathic Seniors
Internal Medicine**



**Graph
IM-2**

Probability of U.S. Osteopathic Seniors Matching to Preferred Specialty by COMLEX-USA Level 1 Score

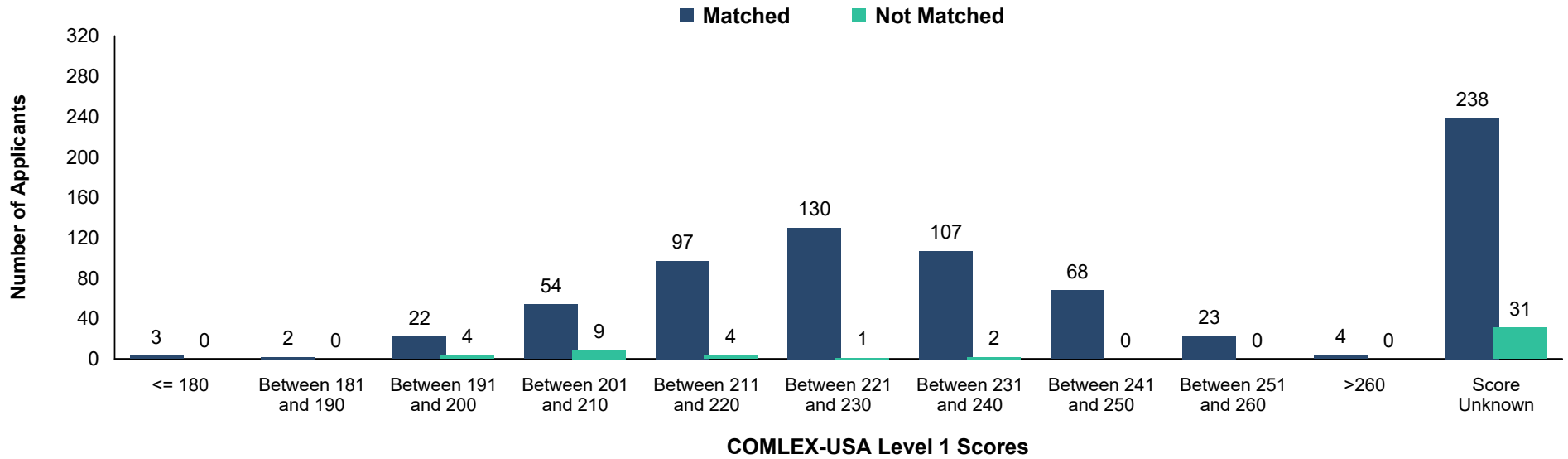
Internal Medicine



*Note: Probabilities calculated based on 2016-2018 applicants.
Sources: NRMP Data Warehouse; 2016 COMLEX-USA scores provided by NBOME.*

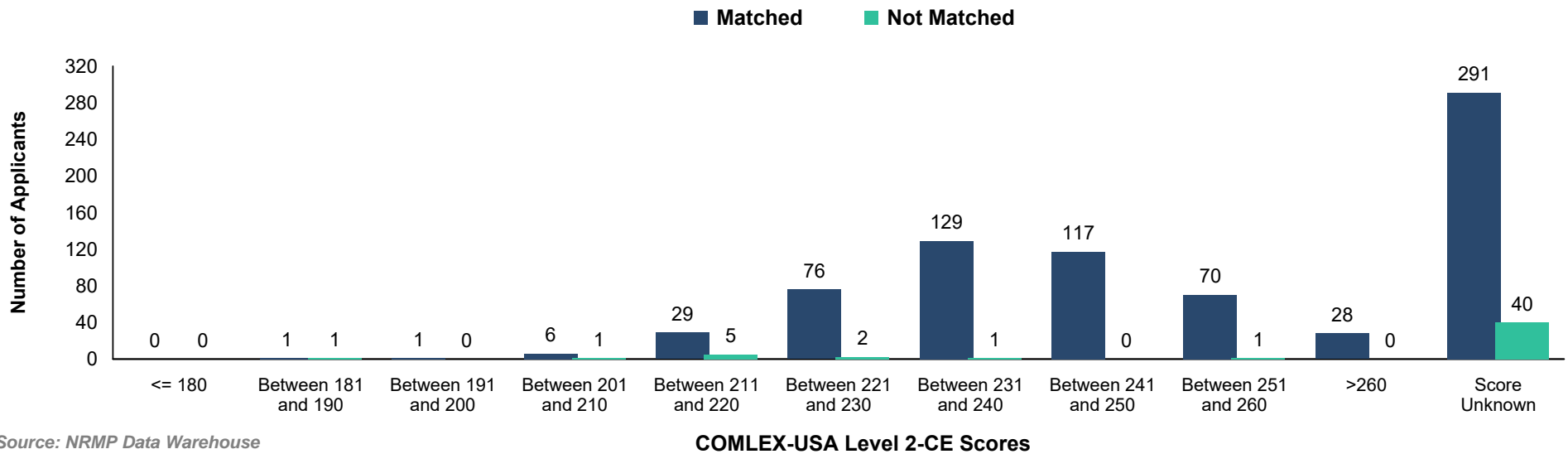
**Chart
IM-5**

**USMLE Step 1 Scores of U.S. Osteopathic Seniors
Internal Medicine**



**Chart
IM-6**

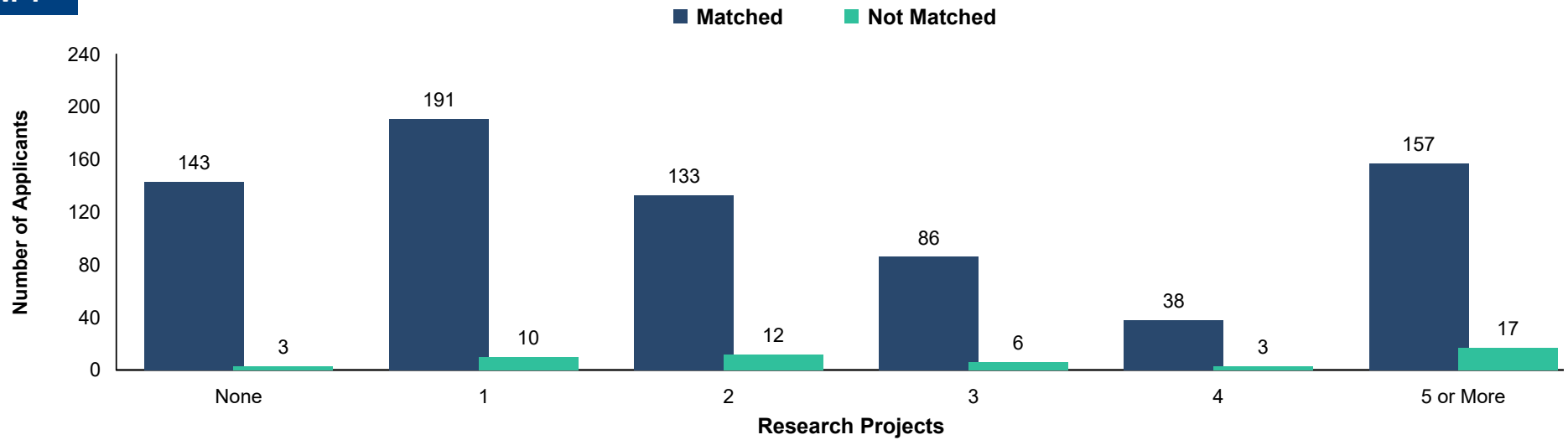
**USMLE Step 2 CK Scores of U.S. Osteopathic Seniors
Internal Medicine**



Source: NRMP Data Warehouse

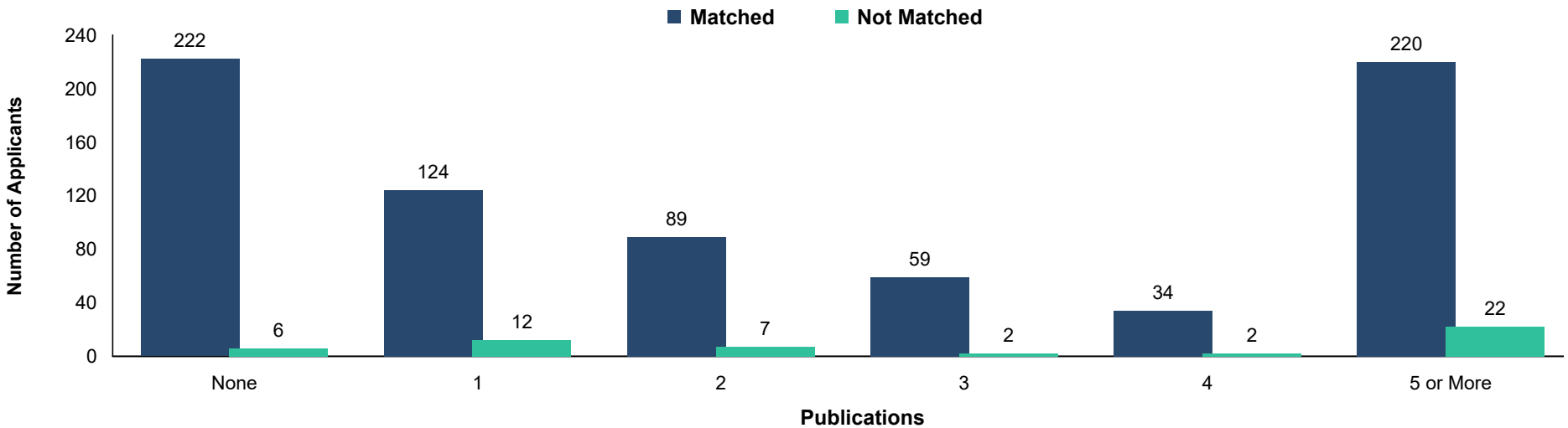
**Chart
IM-7**

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



**Chart
IM-8**

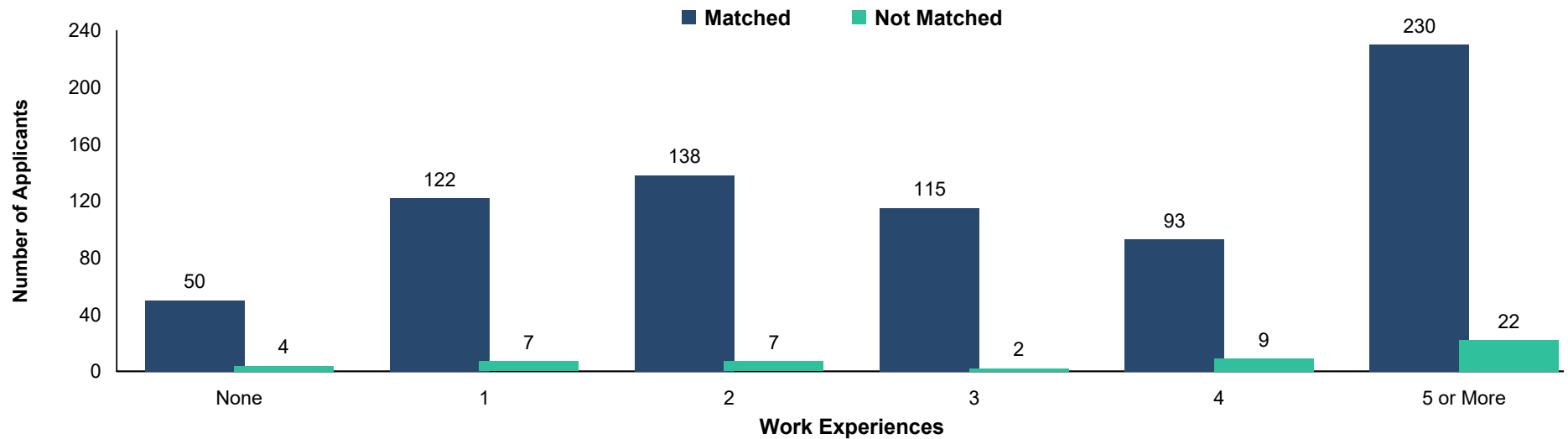
**Number of Abstracts, Presentations, and Publications of U.S. Osteopathic Seniors
Internal Medicine**



Source: NRMP Data Warehouse

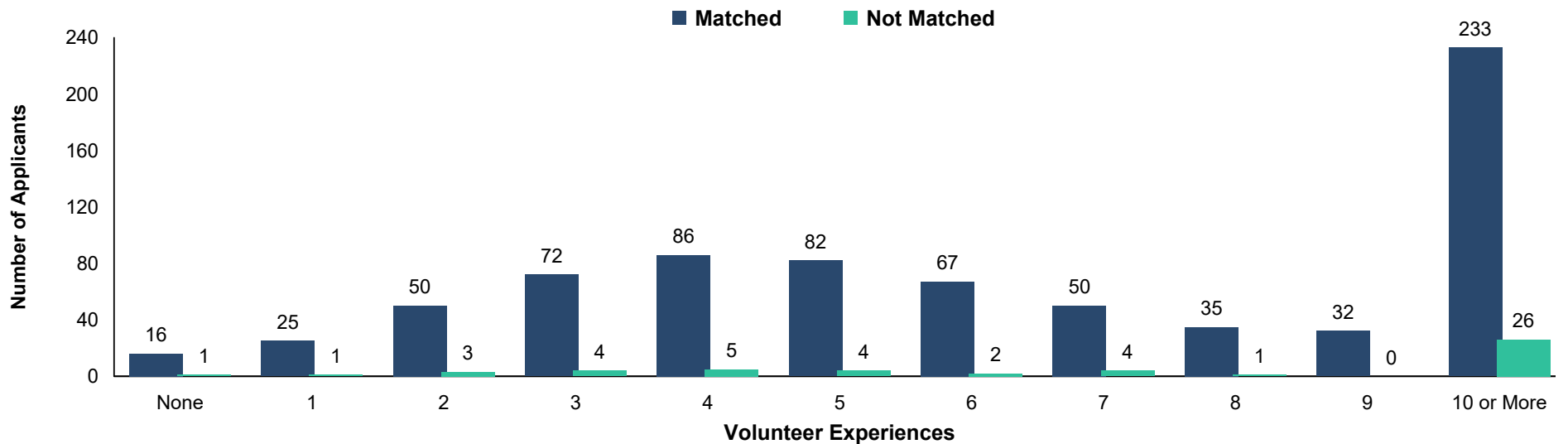
**Chart
IM-9**

Number of Work Experiences of U.S. Osteopathic Seniors
Internal Medicine



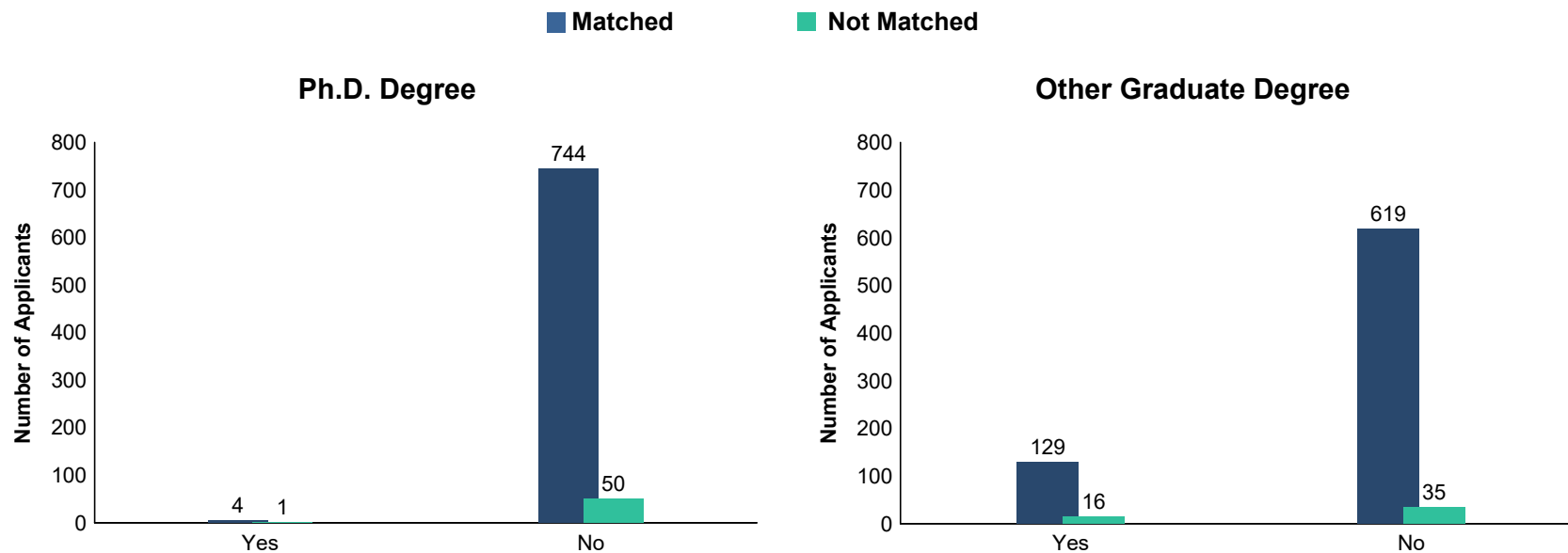
**Chart
IM-10**

Number of Volunteer Experiences of U.S. Osteopathic Seniors
Internal Medicine



Source: NRMP Data Warehouse

Other Characteristics of U.S. Osteopathic Seniors
Internal Medicine



Source: NRMP Data Warehouse.

IP

Internal Medicine/Pediatrics

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

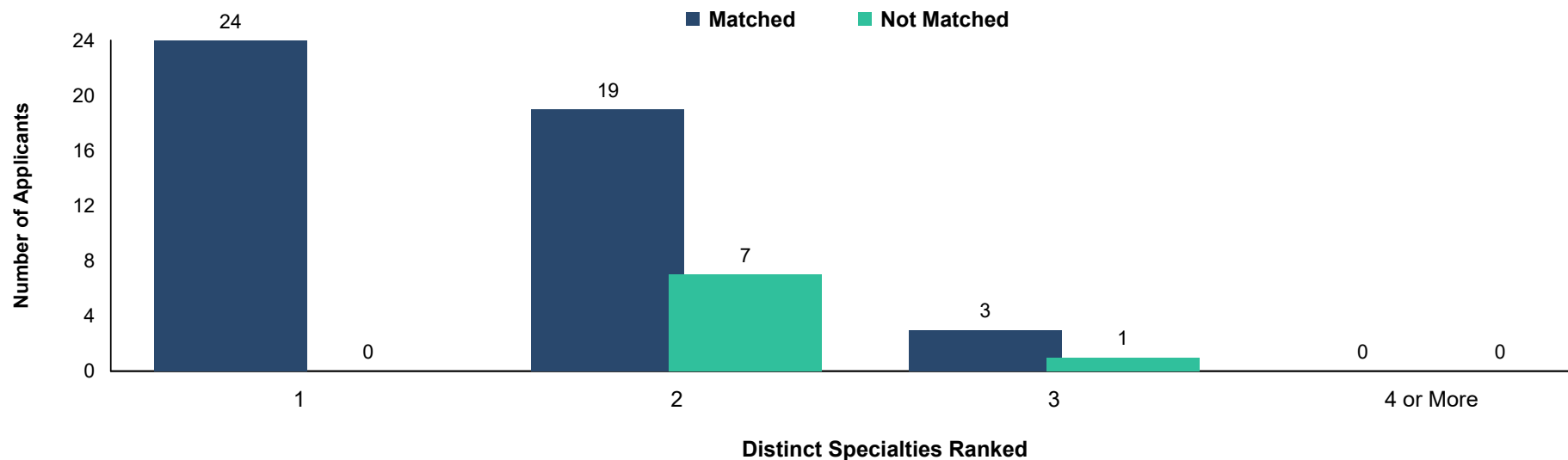
Measure	Matched (n=46)	Unmatched (n=8)
1. Mean number of contiguous ranks	8.4	2.0
2. Mean number of distinct specialties ranked	1.5	2.1
3. Mean COMLEX-USA Level 1 score	549	475
4. Mean COMLEX-USA Level 2-CE score	598	511
5. Mean USMLE Step 1 score	234	209
6. Mean USMLE Step 2 CK score	245	230
7. Mean number of research experiences	1.7	1.8
8. Mean number of abstracts, presentations, and publications	1.9	4.0
9. Mean number of work experiences	2.9	3.3
10. Mean number of volunteer experiences	8.7	6.3
11. Percentage who have a Ph.D. degree	0.0	14.3
12. Percentage who have another graduate degree	31.8	0.0

Source: NRMP Data Warehouse.

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

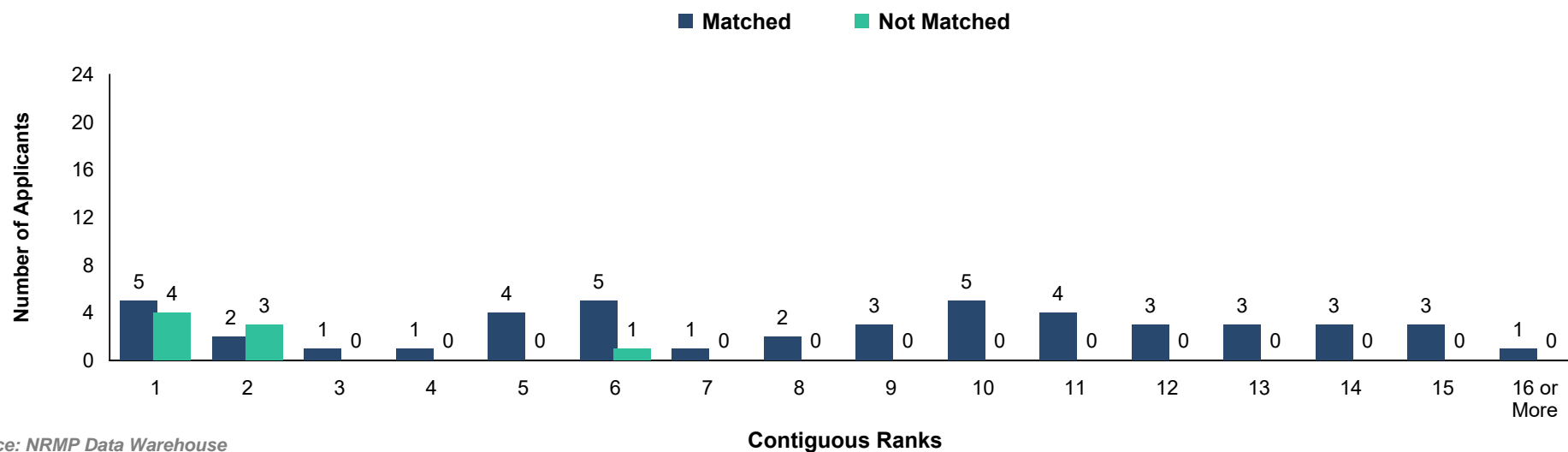
**Chart
IP-1**

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



**Chart
IP-2**

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

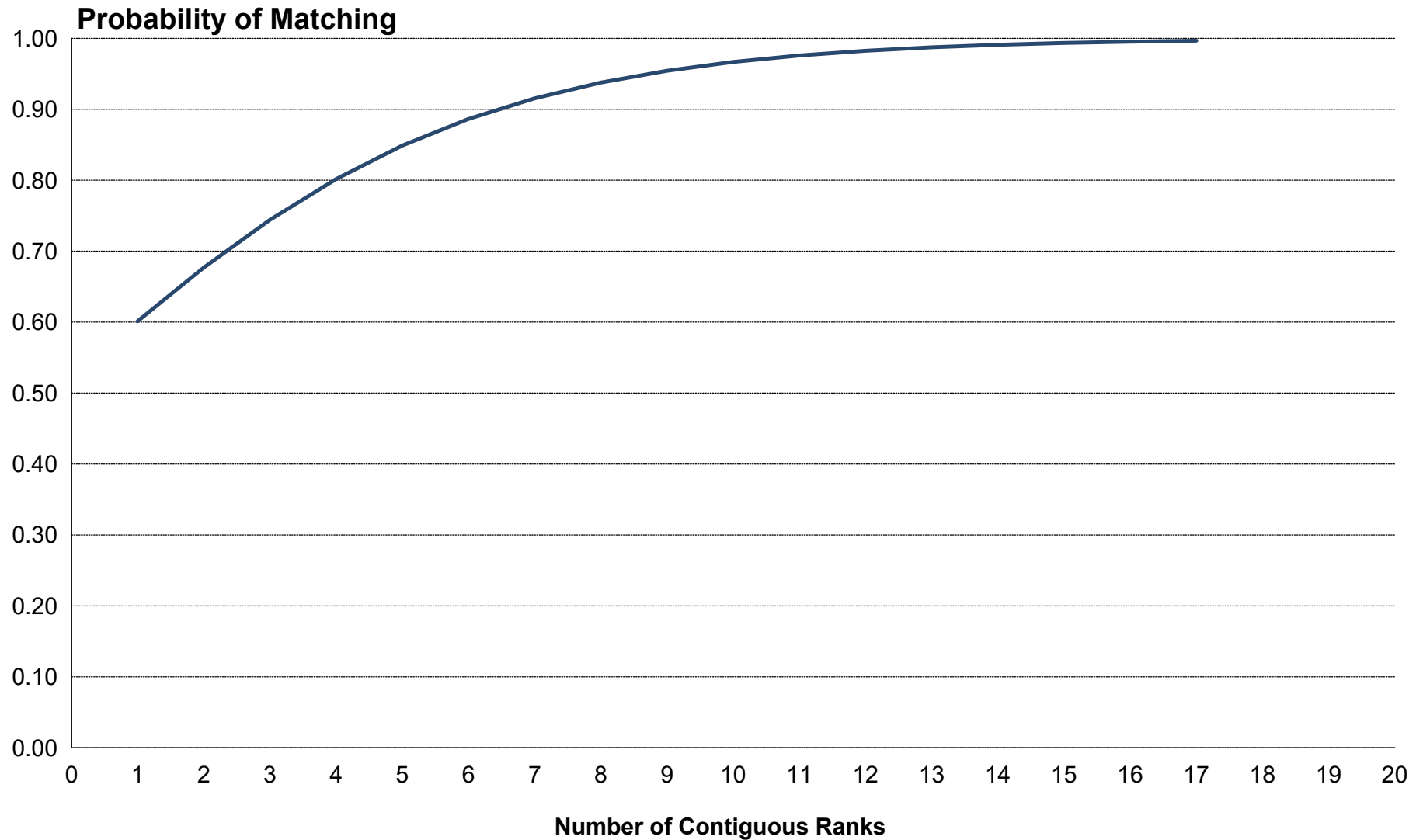


Source: NRMP Data Warehouse

**Graph
IP-1**

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

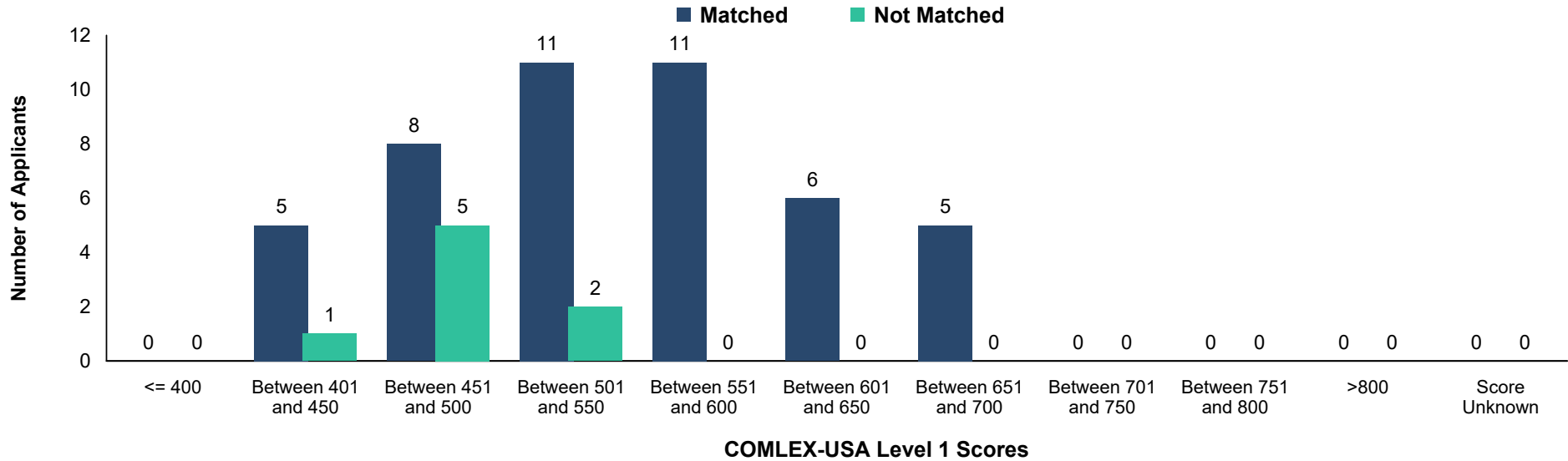
Internal Medicine/Pediatrics



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2016-2018 applicants.

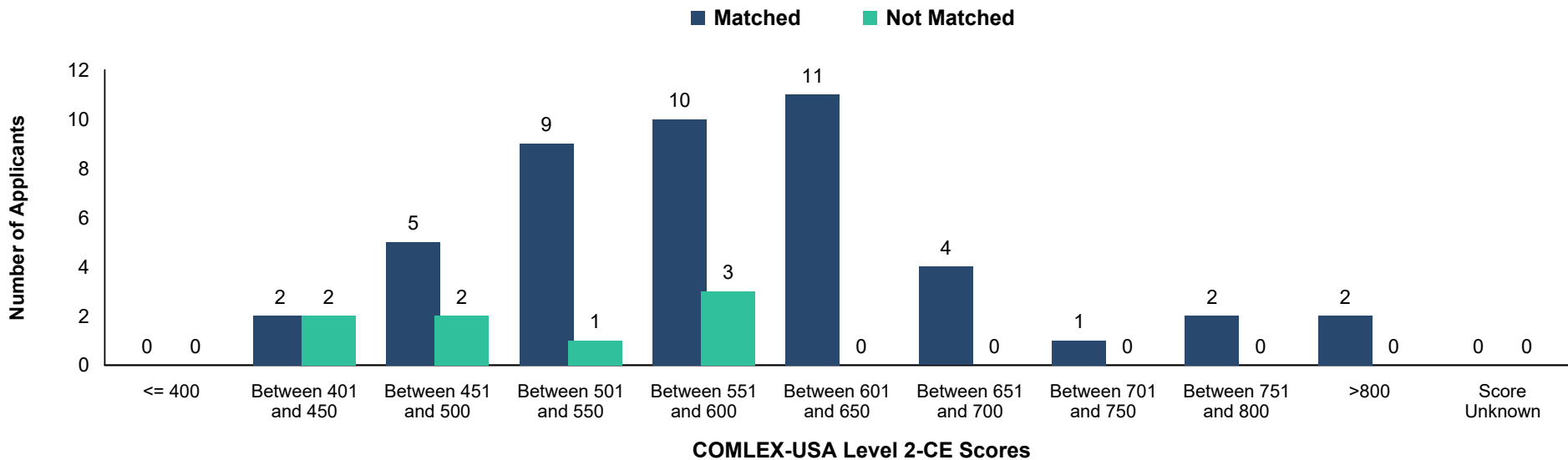
**Chart
IP-3**

**COMLEX-USA Level 1 Scores of U.S. Osteopathic Seniors
Internal Medicine/Pediatrics**



**Chart
IP-4**

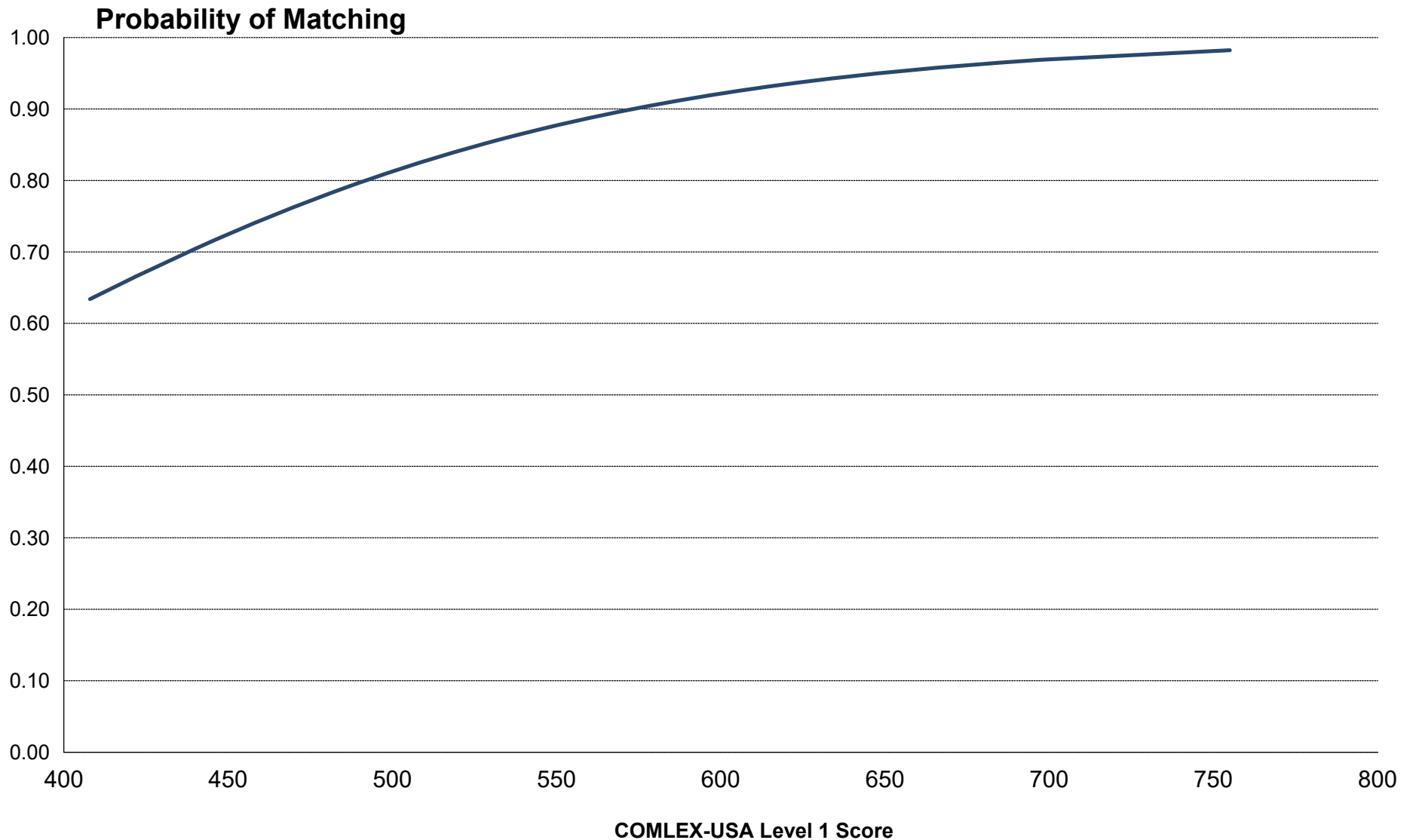
**COMLEX-USA Level 2-CE Scores of U.S. Osteopathic Seniors
Internal Medicine/Pediatrics**



**Graph
IP-2**

Probability of U.S. Osteopathic Seniors Matching to Preferred Specialty by COMLEX-USA Level 1 Score

Internal Medicine/Pediatrics



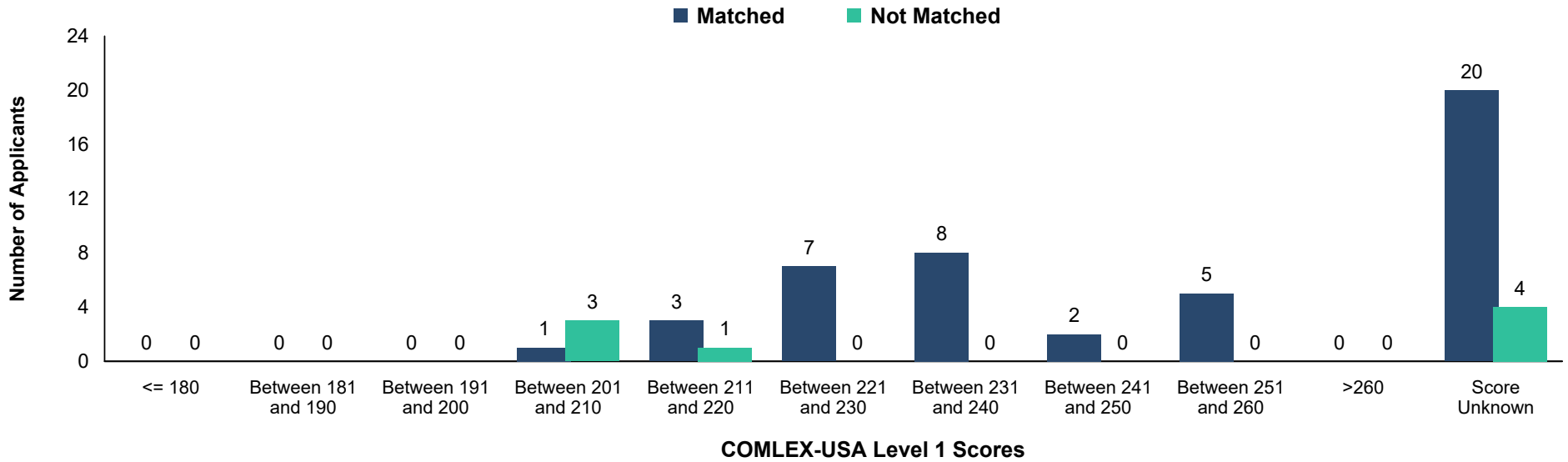
Note: Probabilities calculated based on 2016-2018 applicants.

Sources: NRMP Data Warehouse; 2016 COMLEX-USA scores provided by NBOME.

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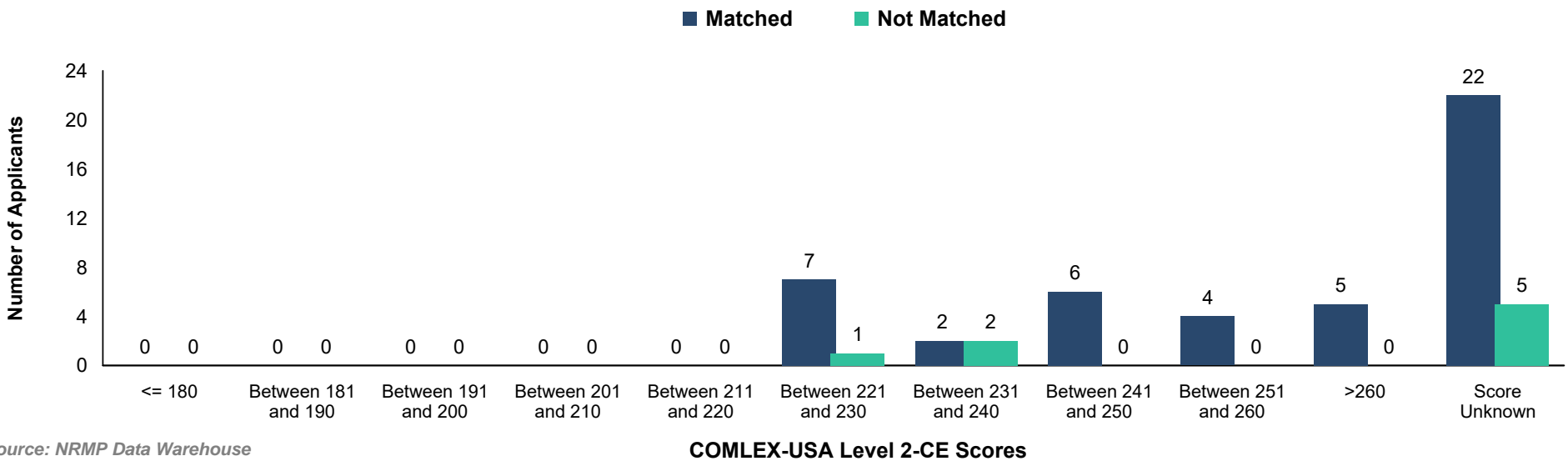
**Chart
IP-5**

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



**Chart
IP-6**

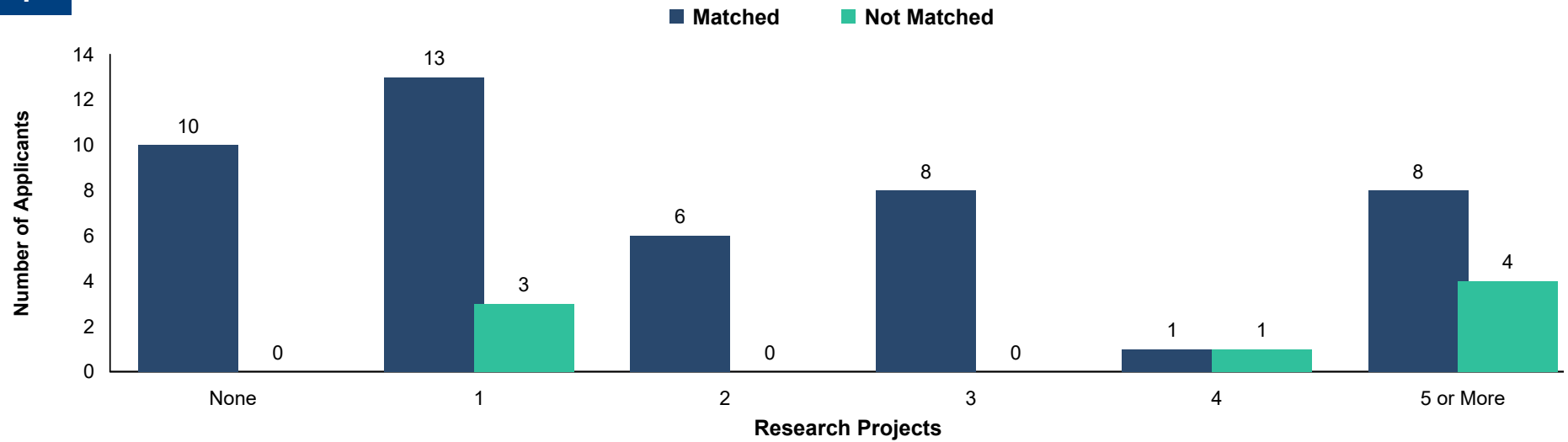
USMLE Step 2 CK Scores of U.S. Osteopathic Seniors
Internal Medicine/Pediatrics



Source: NRMP Data Warehouse

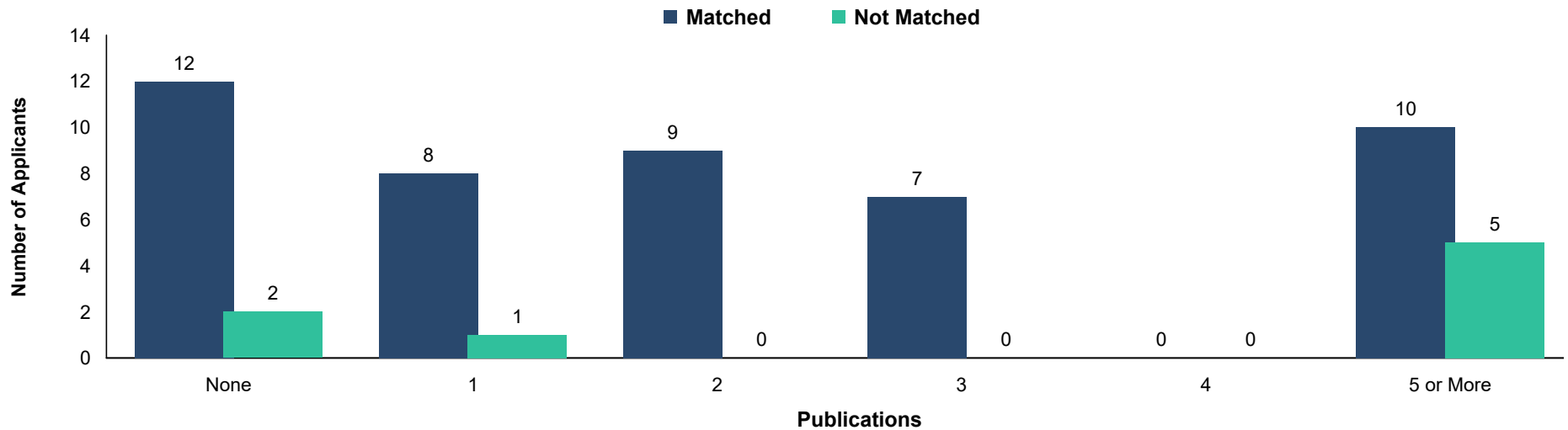
**Chart
IP-7**

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



**Chart
IP-8**

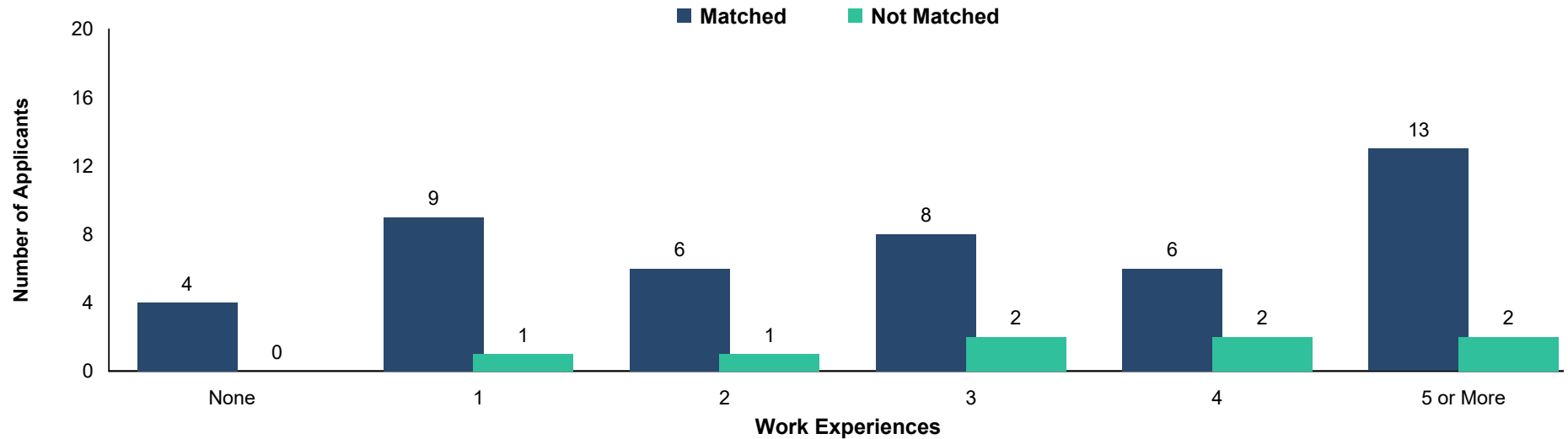
**Number of Abstracts, Presentations, and Publications of U.S. Osteopathic Seniors
*Internal Medicine/Pediatrics***



Source: NRMP Data Warehouse

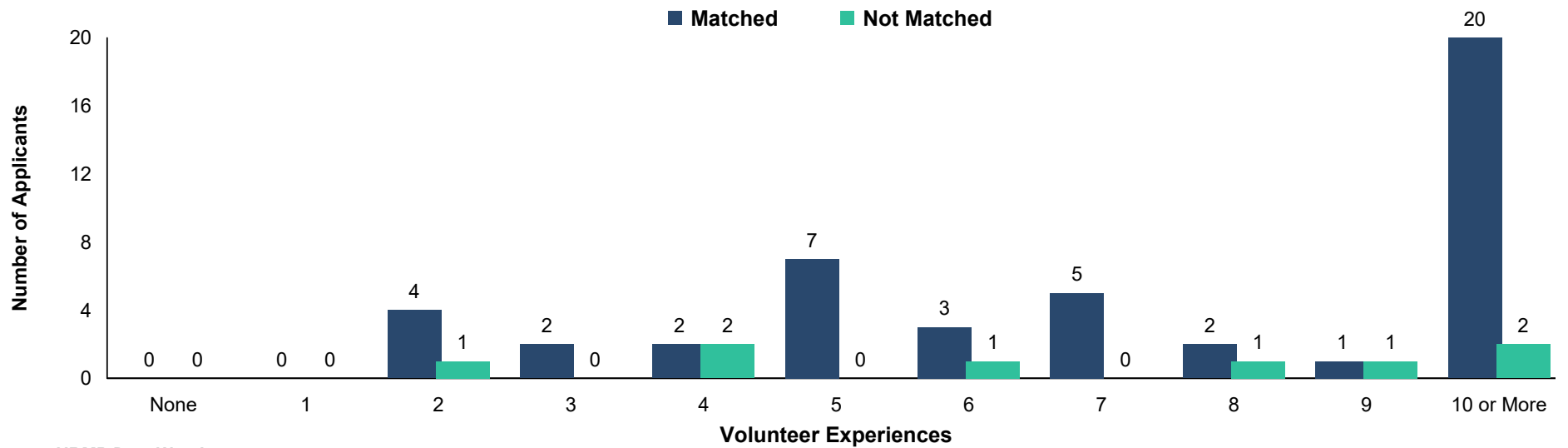
**Chart
IP-9**

**Number of Work Experiences of U.S. Osteopathic Seniors
Internal Medicine/Pediatrics**



**Chart
IP-10**

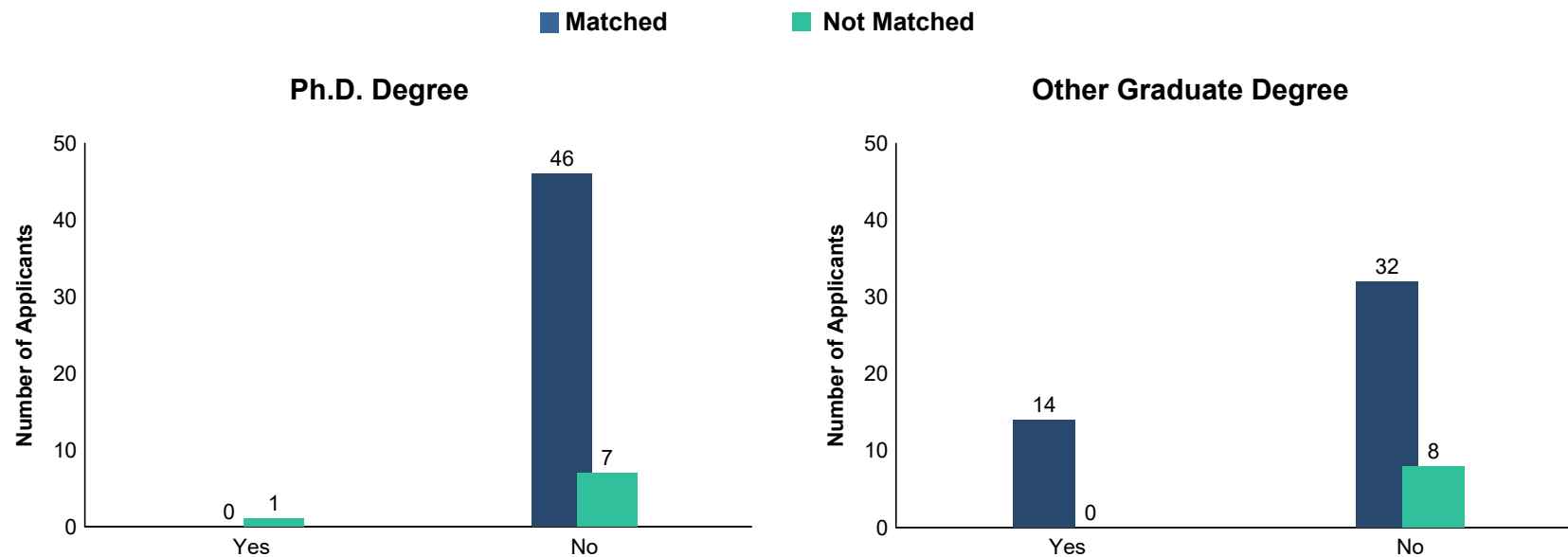
**Number of Volunteer Experiences of U.S. Osteopathic Seniors
Internal Medicine/Pediatrics**



Source: NRMP Data Warehouse

**Chart
IP-11**

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



Source: NRMP Data Warehouse.

IR **Interventional Radiology**

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

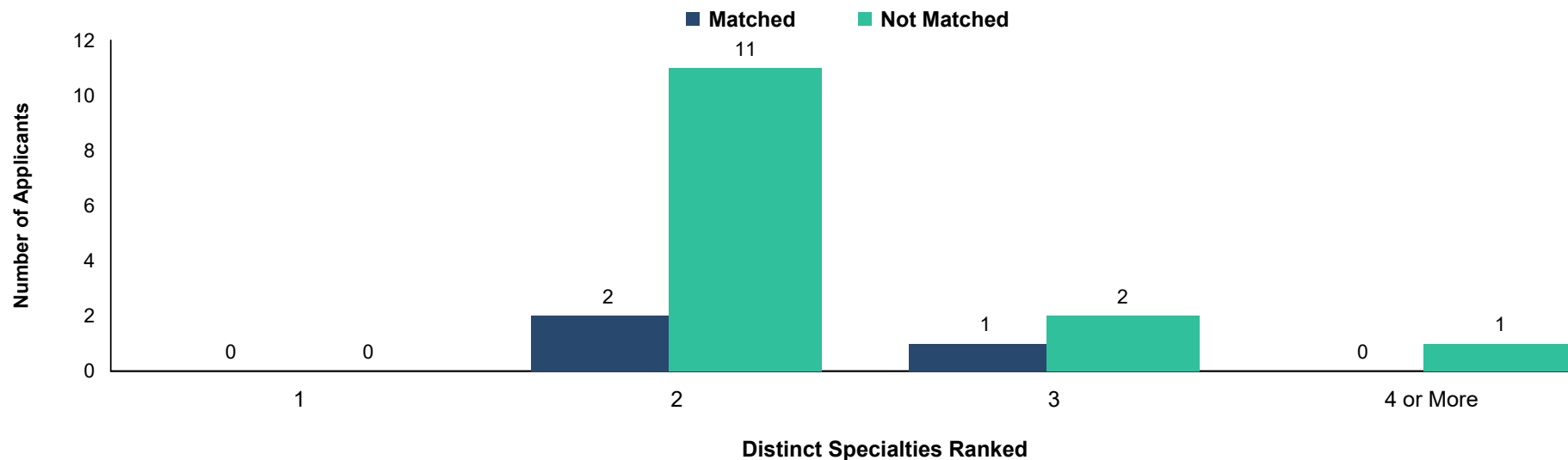
Measure	Matched (n=3)	Unmatched (n=17)
1. Mean number of contiguous ranks	2.3	1.7
2. Mean number of distinct specialties ranked	2.3	2.8
3. Mean COMLEX-USA Level 1 score	626	657
4. Mean COMLEX-USA Level 2-CE score	690	679
5. Mean USMLE Step 1 score	234	246
6. Mean USMLE Step 2 CK score	243	250
7. Mean number of research experiences	3.0	1.9
8. Mean number of abstracts, presentations, and publications	7.7	1.9
9. Mean number of work experiences	2.7	2.8
10. Mean number of volunteer experiences	8.0	5.8
11. Percentage who have a Ph.D. degree	0.0	0.0
12. Percentage who have another graduate degree	66.7	26.7

Source: NRMP Data Warehouse.

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

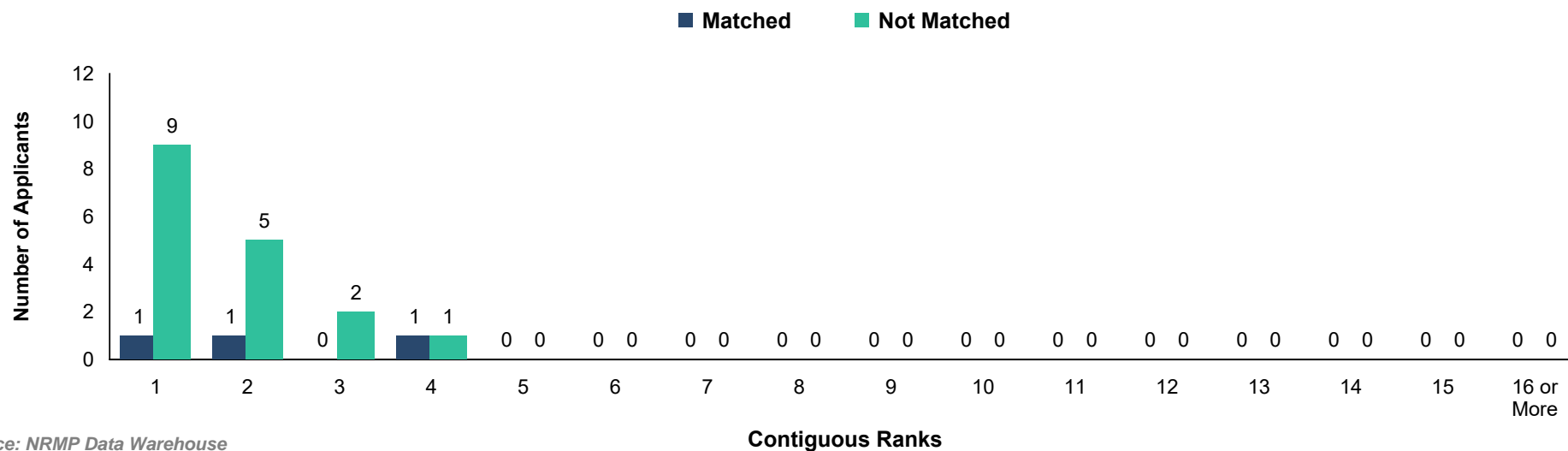
**Chart
IR-1**

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



**Chart
IR-2**

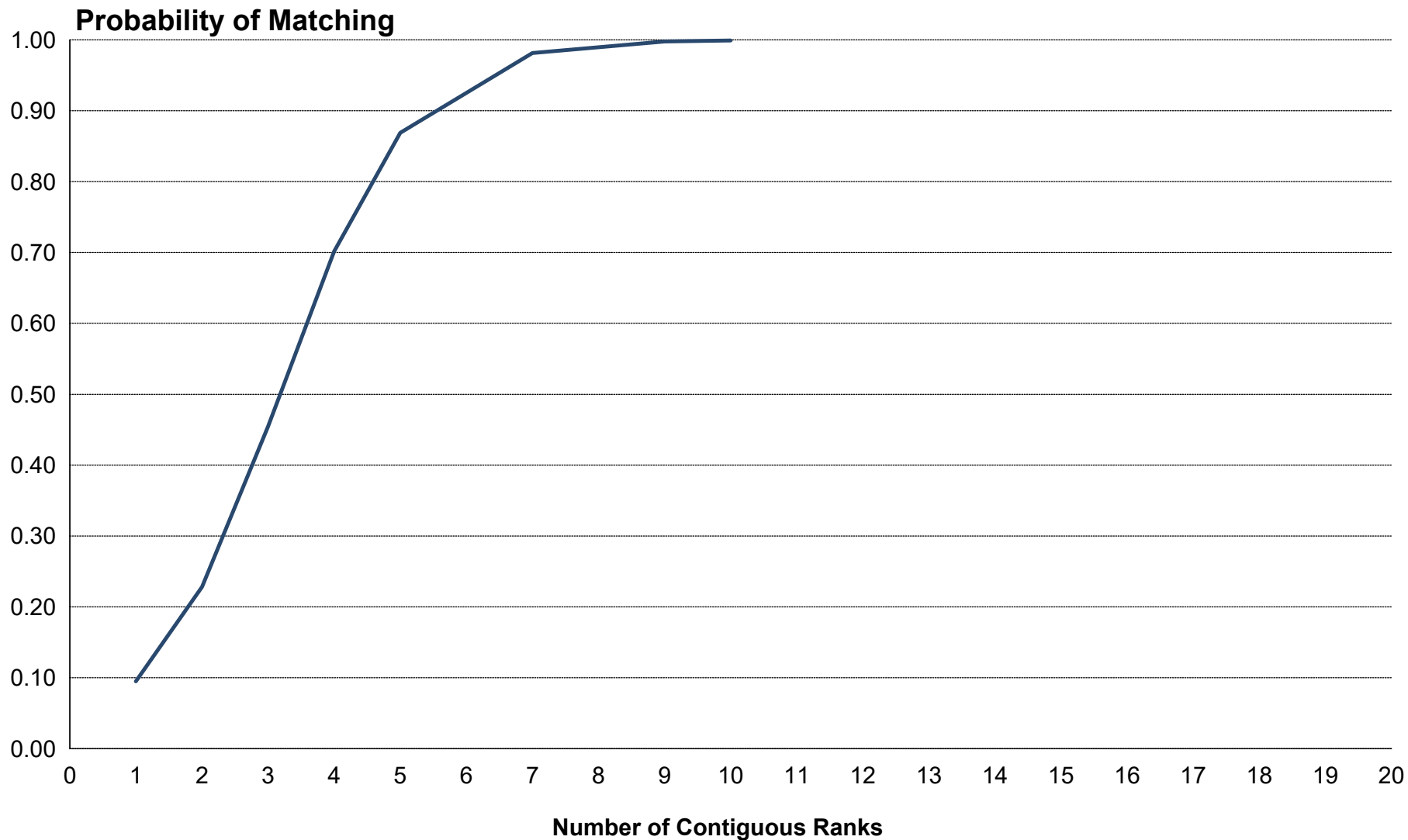
**Number of Contiguous Ranks of U.S. Osteopathic Seniors
*Interventional Radiology***



Source: NRMP Data Warehouse

**Graph
IR-1**

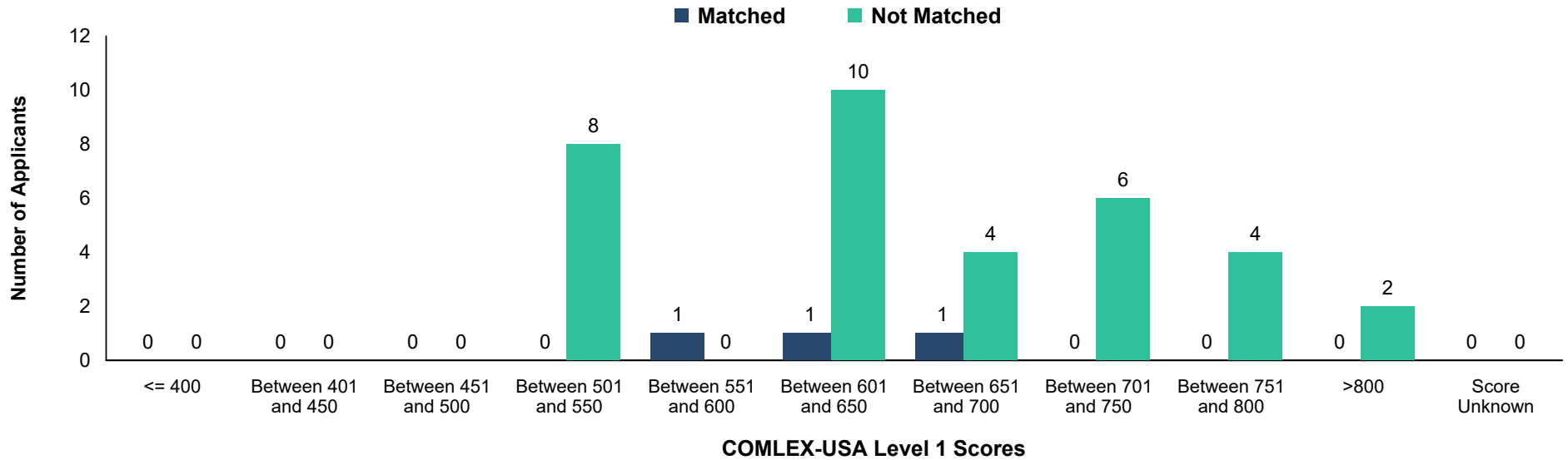
Probability of U.S. Osteopathic Seniors Matching to Preferred Specialty by Number of Contiguous Ranks
Interventional Radiology



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2016-2018 applicants.

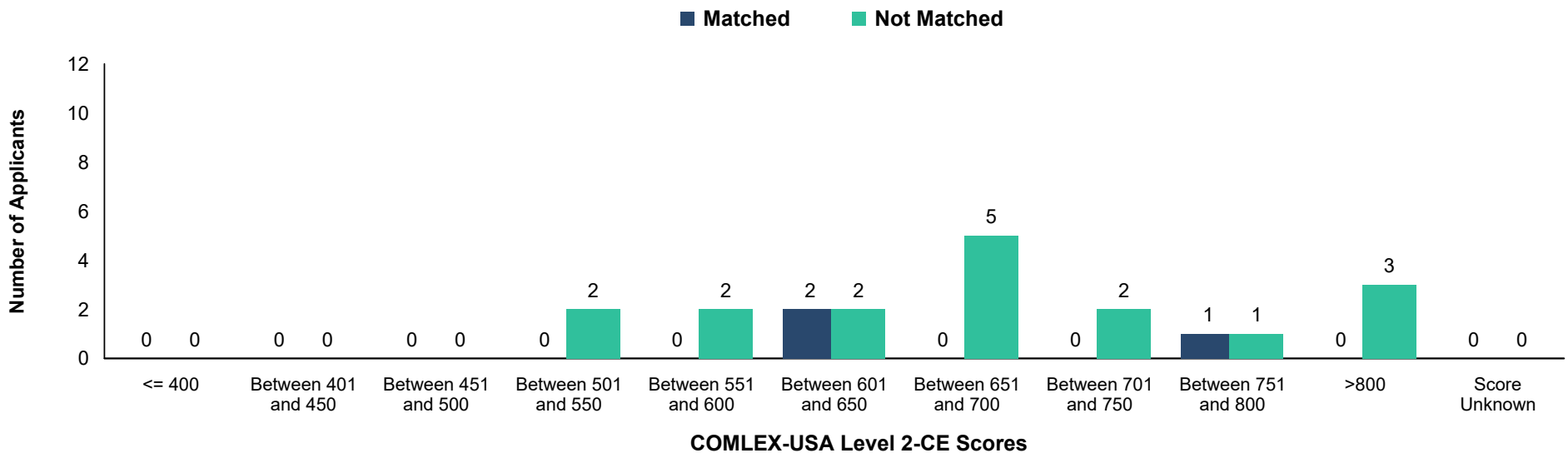
**Chart
IR-3**

**COMLEX-USA Level 1 Scores of U.S. Osteopathic Seniors
Interventional Radiology**



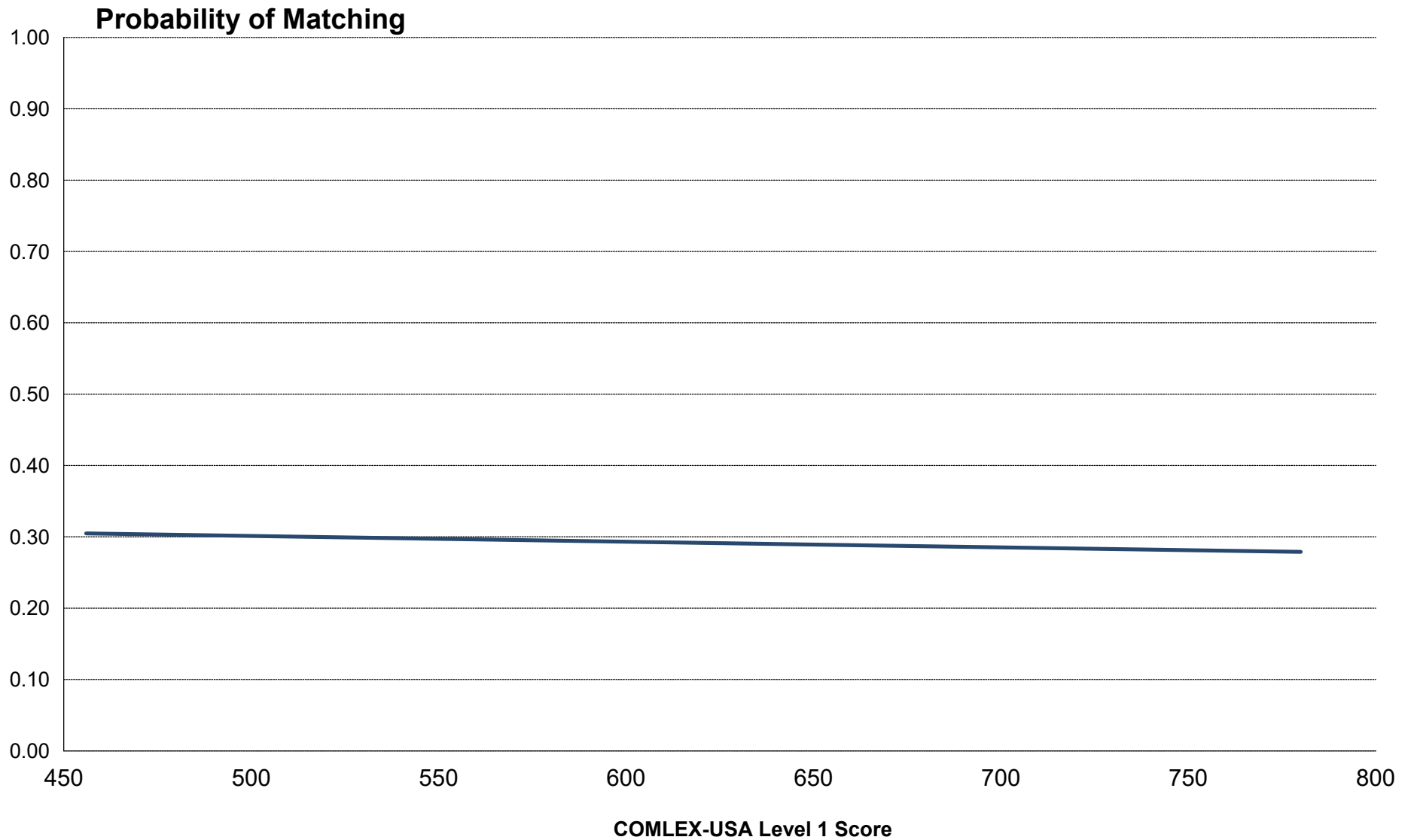
**Chart
IR-4**

**COMLEX-USA Level 2-CE Scores of U.S. Osteopathic Seniors
Interventional Radiology**



**Graph
IR-2**

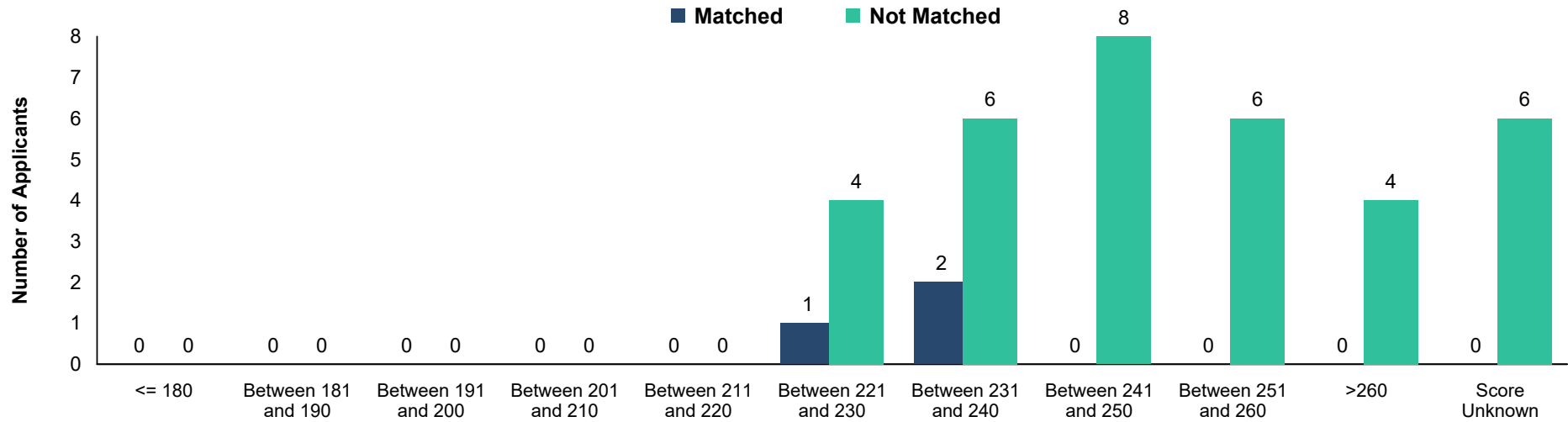
Probability of U.S. Osteopathic Seniors Matching to Preferred Specialty by COMLEX-USA Level 1 Score
Interventional Radiology



*Note: Probabilities calculated based on 2016-2018 applicants.
Sources: NRMP Data Warehouse; 2016 COMLEX-USA scores provided by NBOME.*

**Chart
IR-5**

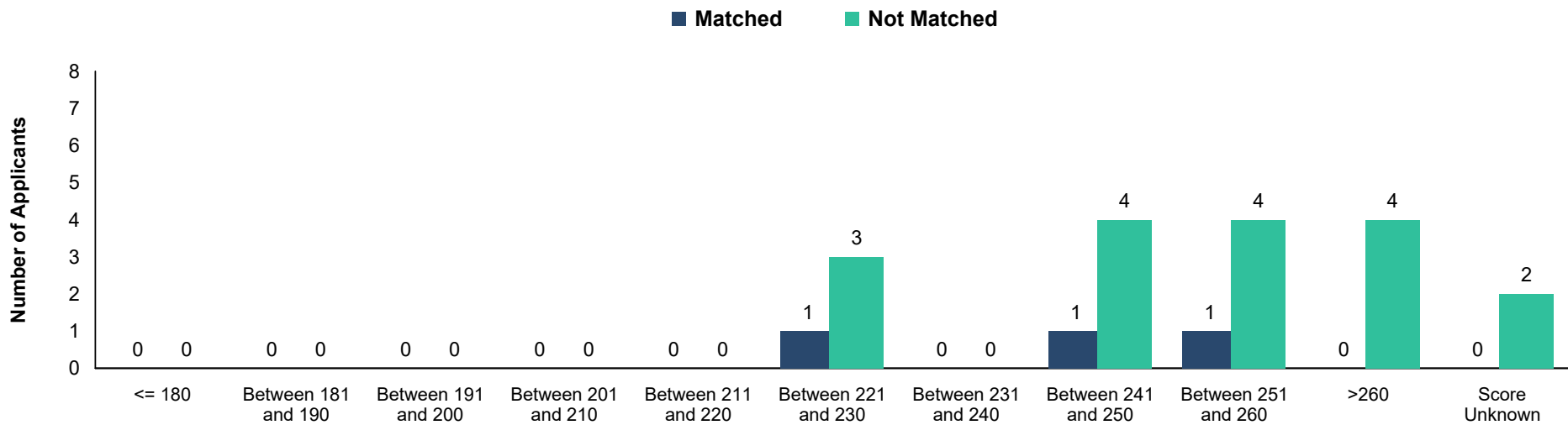
**USMLE Step 1 Scores of U.S. Osteopathic Seniors
*Interventional Radiology***



COMLEX-USA Level 1 Scores

**Chart
IR-6**

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

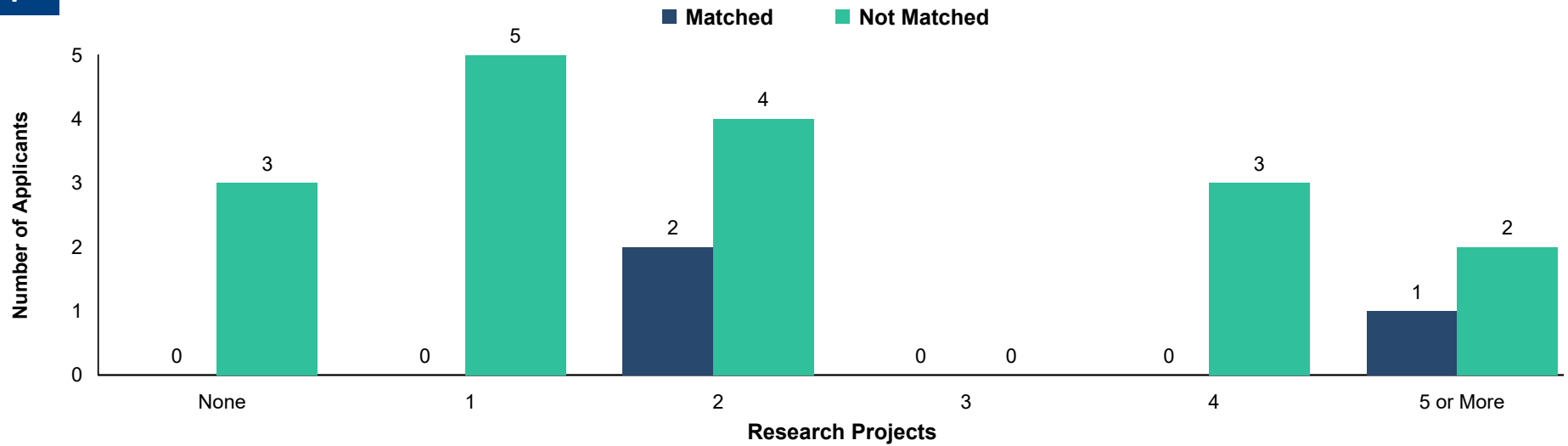


COMLEX-USA Level 2-CE Scores

Source: NRMP Data Warehouse

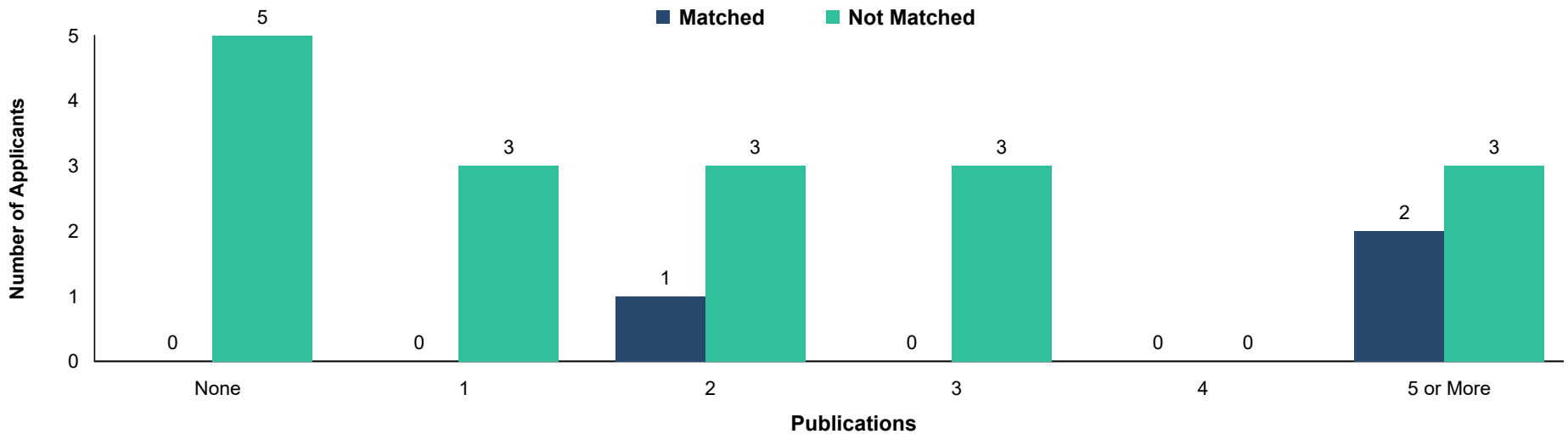
**Chart
IR-7**

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



**Chart
IR-8**

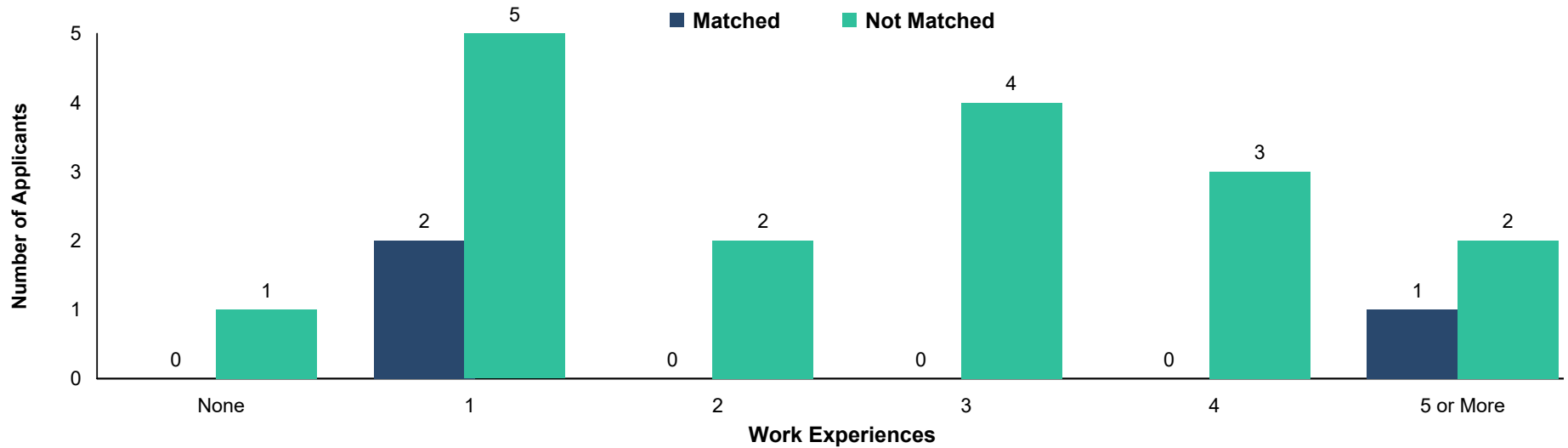
Number of Abstracts, Presentations, and Publications of U.S. Osteopathic Seniors *Interventional Radiology*



Source: NRMP Data Warehouse

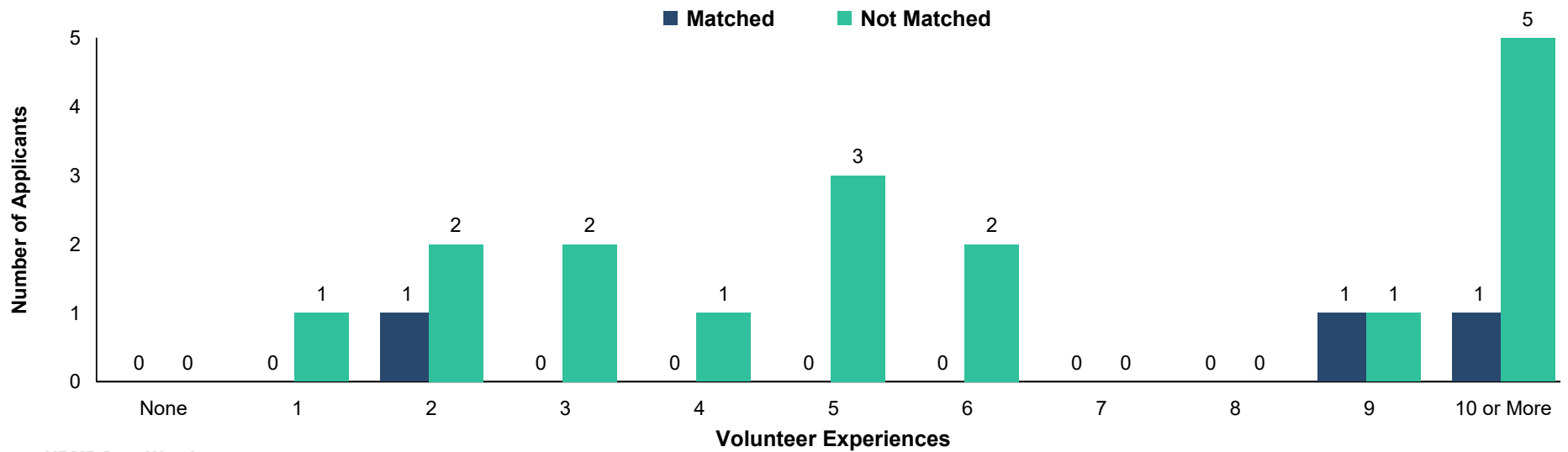
**Chart
IR-9**

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



**Chart
IR-10**

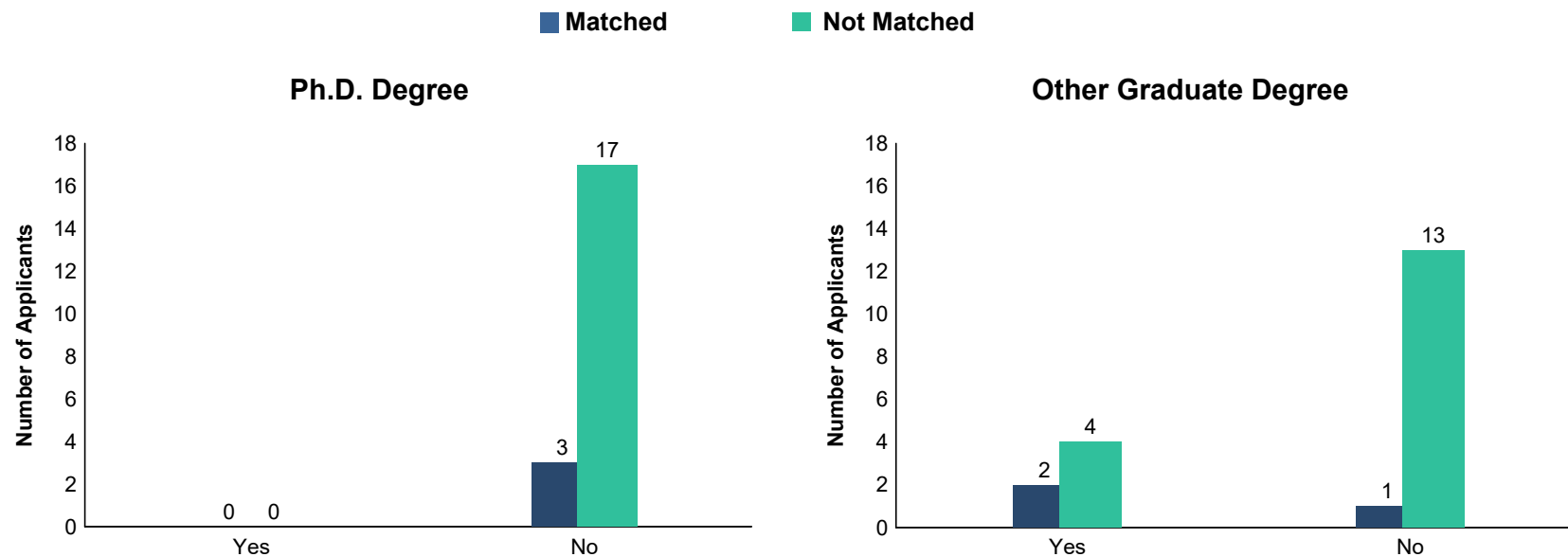
**Number of Volunteer Experiences of U.S. Osteopathic Seniors
*Interventional Radiology***



Source: NRMP Data Warehouse

**Chart
IR-11**

Other Characteristics of U.S. Osteopathic Seniors
Interventional Radiology



Source: NRMP Data Warehouse.

NS Neurological Surgery

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

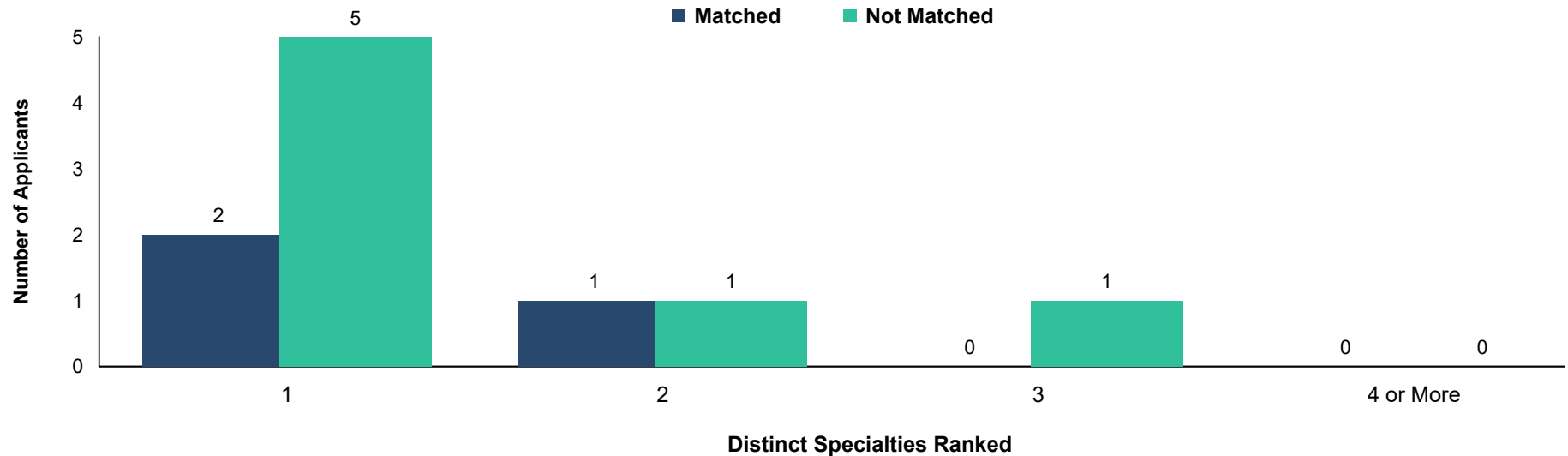
Measure	Matched (n=3)	Unmatched (n=7)
1. Mean number of contiguous ranks	7.0	3.0
2. Mean number of distinct specialties ranked	1.3	1.4
3. Mean COMLEX-USA Level 1 score	621	570
4. Mean COMLEX-USA Level 2-CE score	529	592
5. Mean USMLE Step 1 score	252	229
6. Mean USMLE Step 2 CK score	252	236
7. Mean number of research experiences	7.3	4.4
8. Mean number of abstracts, presentations, and publications	21.3	4.0
9. Mean number of work experiences	8.0	6.0
10. Mean number of volunteer experiences	9.0	7.2
11. Percentage who have a Ph.D. degree	0.0	0.0
12. Percentage who have another graduate degree	100.0	42.9

Source: NRMP Data Warehouse.

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

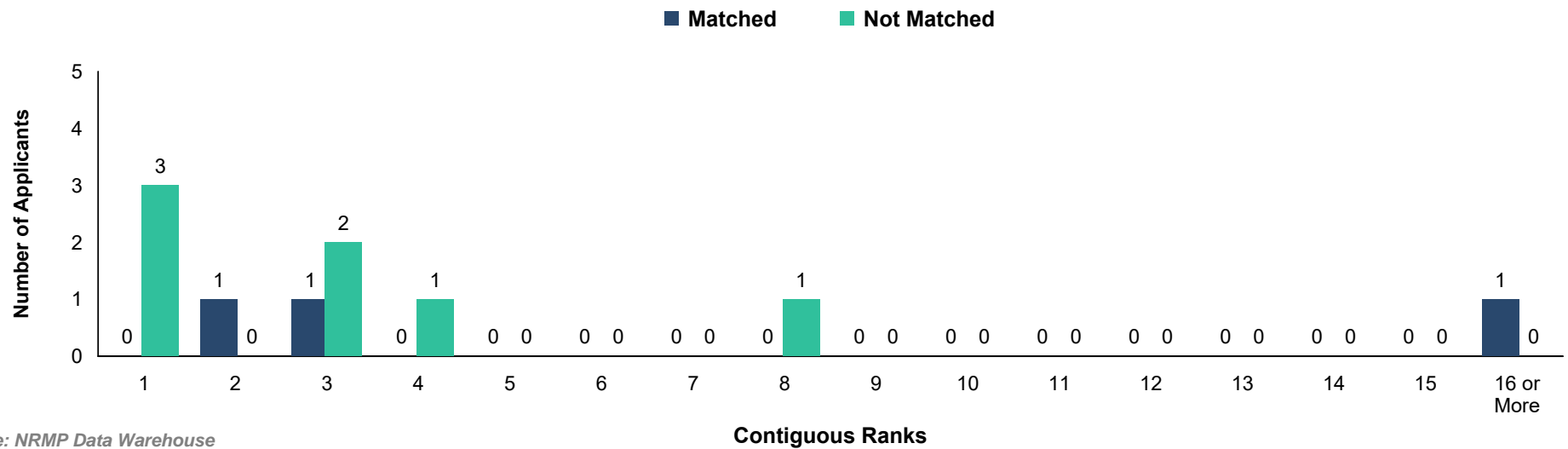
**Chart
NS-1**

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



**Chart
NS-2**

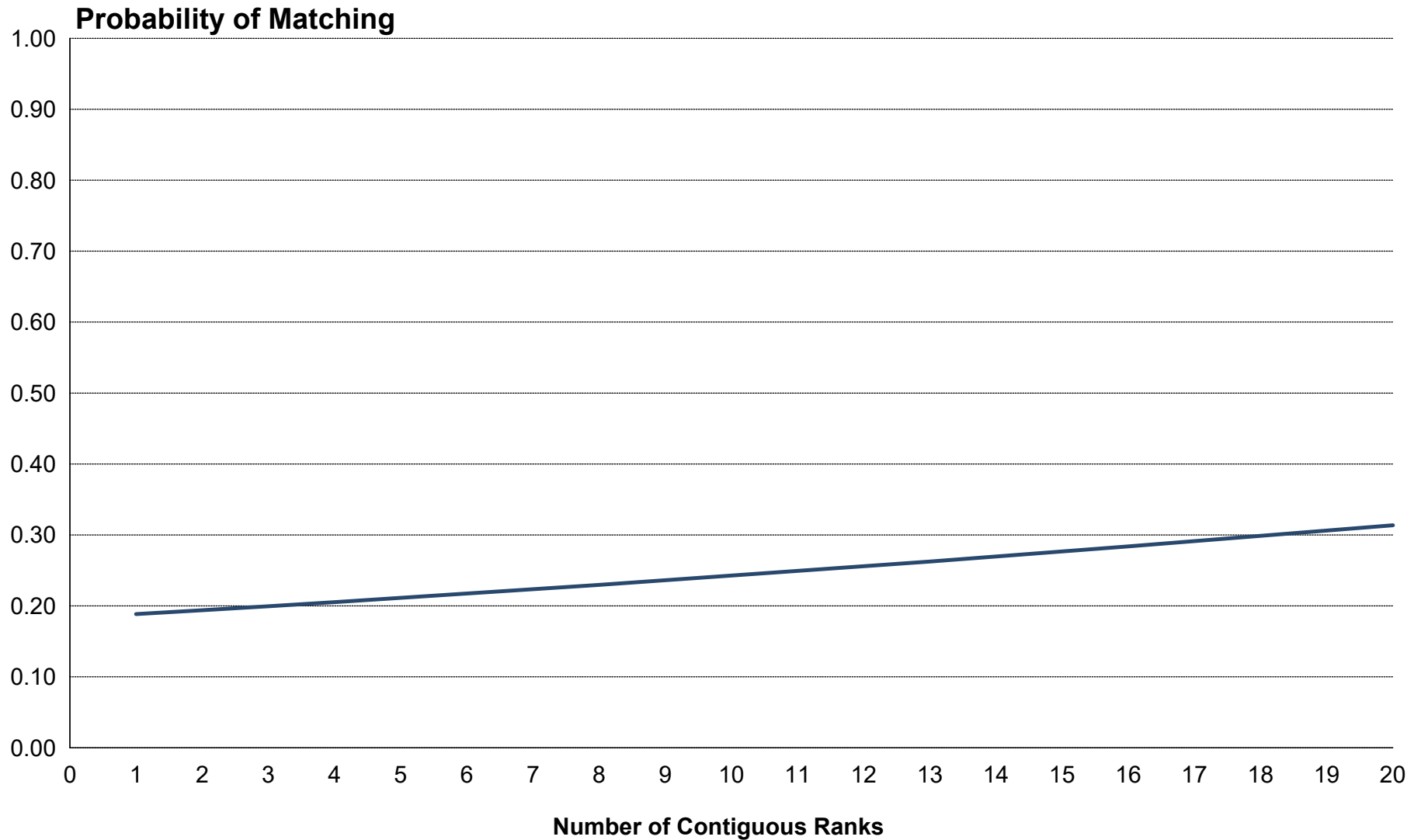
**Number of Contiguous Ranks of U.S. Osteopathic Seniors
*Neurological Surgery***



Source: NRMP Data Warehouse

**Graph
NS-1**

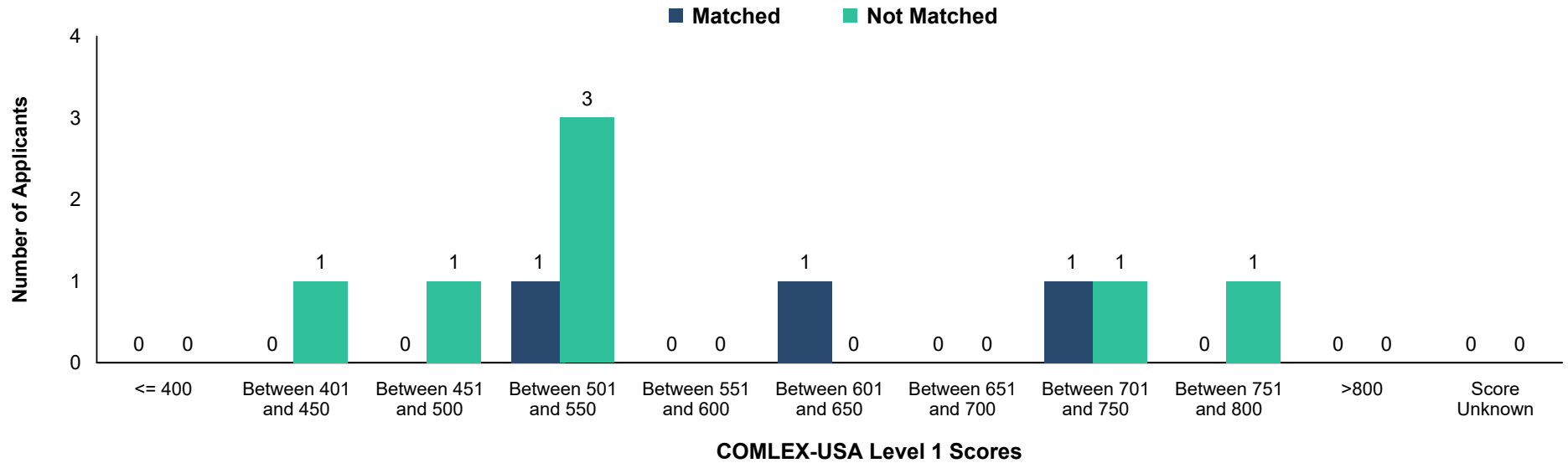
**Probability of U.S. Osteopathic Seniors Matching to Preferred Specialty by Number of
Contiguous Ranks**
Neurological Surgery



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2016-2018 applicants.

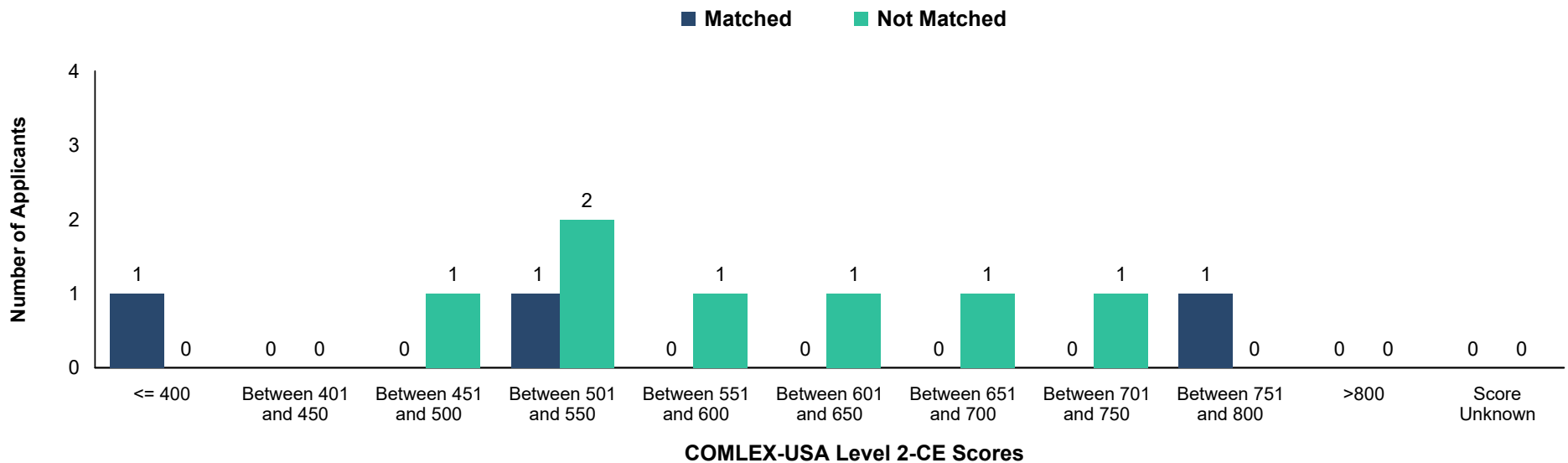
**Chart
NS-3**

**COMLEX-USA Level 1 Scores of U.S. Osteopathic Seniors
*Neurological Surgery***



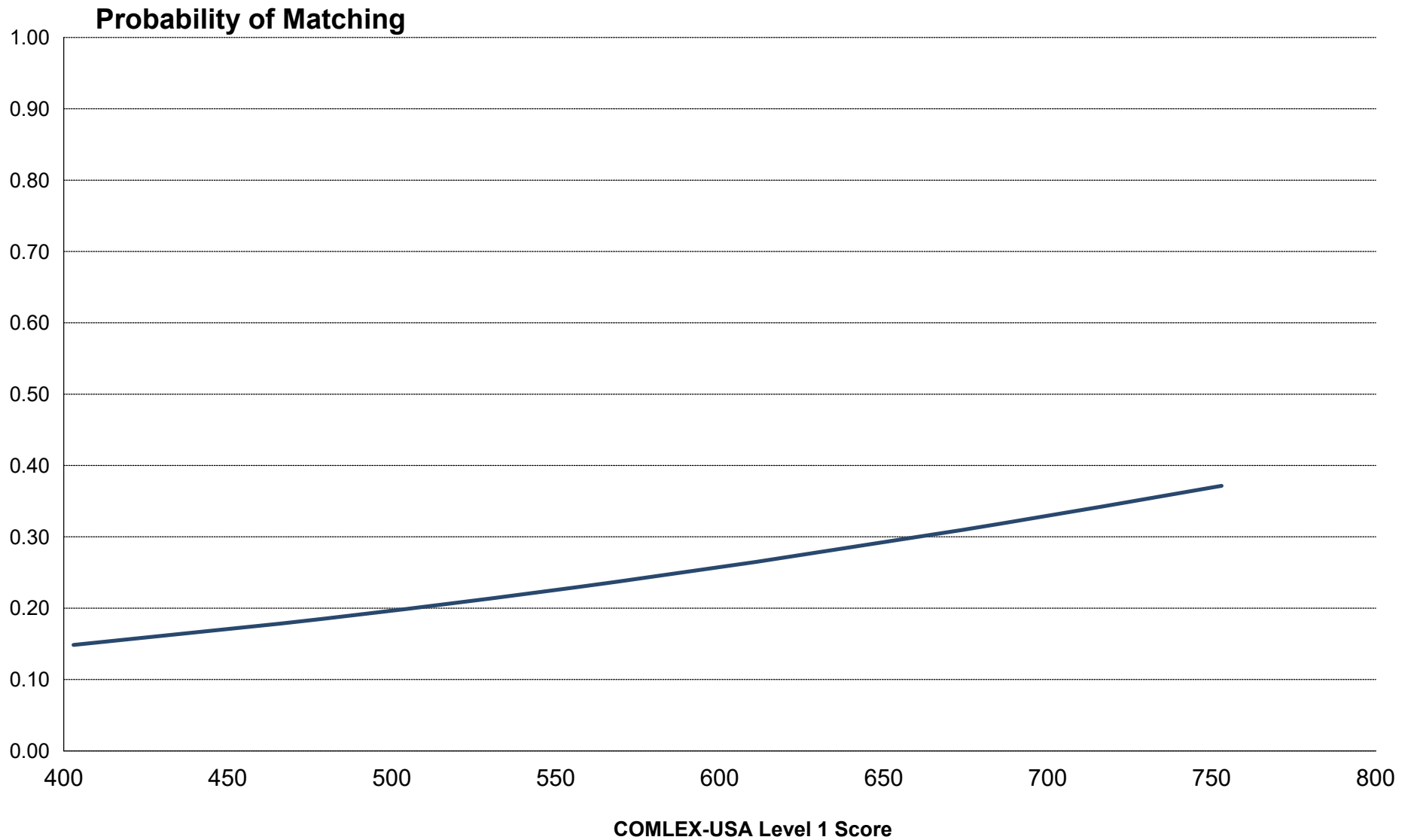
**Chart
NS-4**

**COMLEX-USA Level 2-CE Scores of U.S. Osteopathic Seniors
*Neurological Surgery***



**Graph
NS-2**

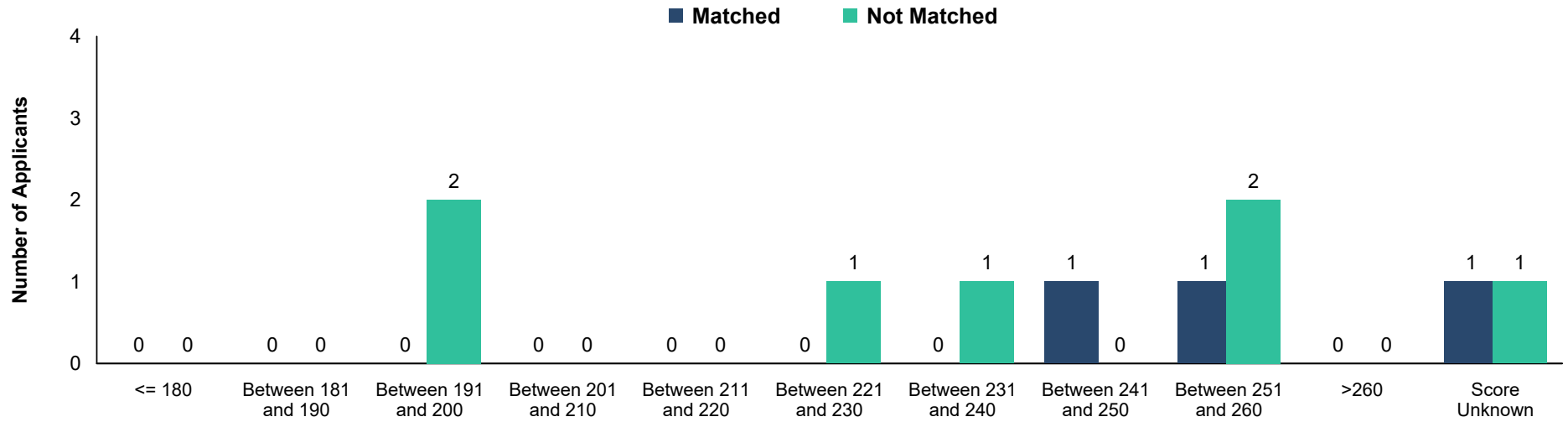
Probability of U.S. Osteopathic Seniors Matching to Preferred Specialty by COMLEX-USA Level 1 Score
Neurological Surgery



*Note: Probabilities calculated based on 2016-2018 applicants.
Sources: NRMP Data Warehouse; 2016 COMLEX-USA scores provided by NBOME.*

**Chart
NS-5**

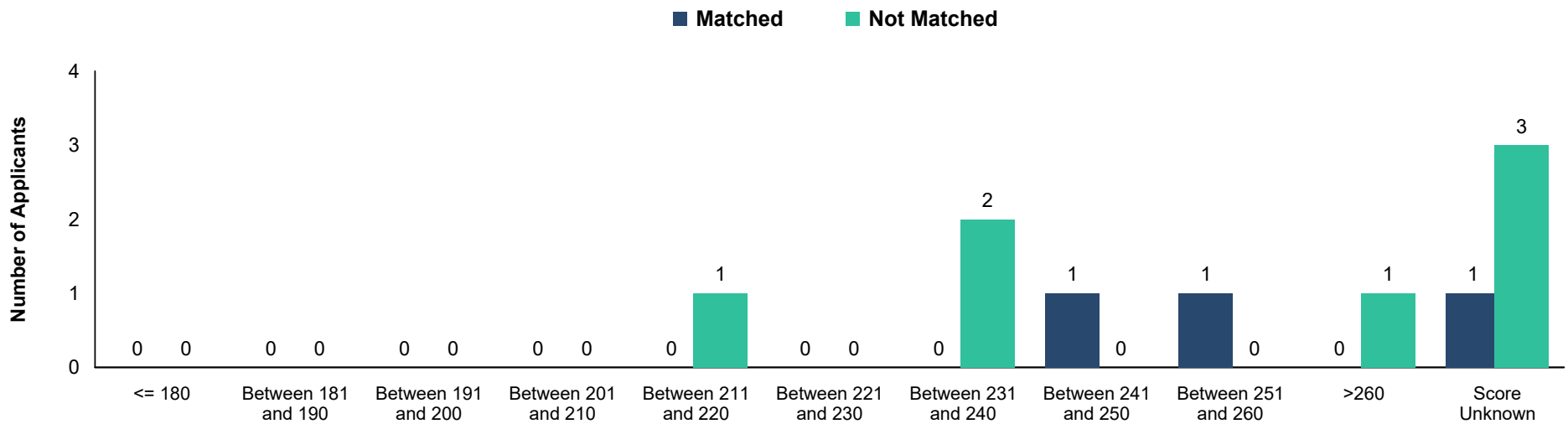
**USMLE Step 1 Scores of U.S. Osteopathic Seniors
*Neurological Surgery***



COMLEX-USA Level 1 Scores

**Chart
NS-6**

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

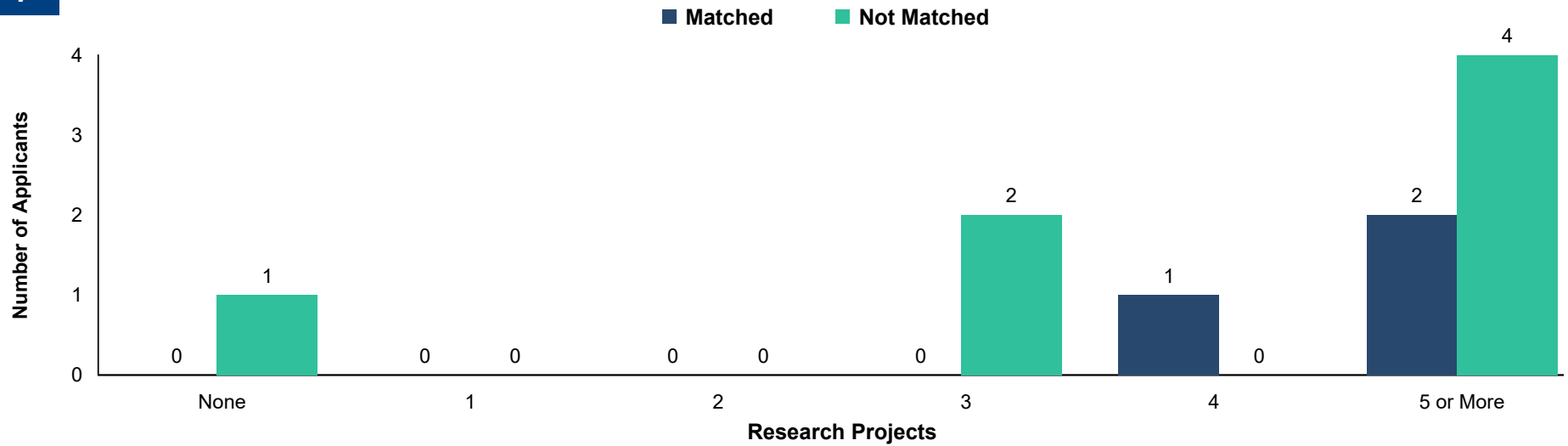


COMLEX-USA Level 2-CE Scores

Source: NRMP Data Warehouse

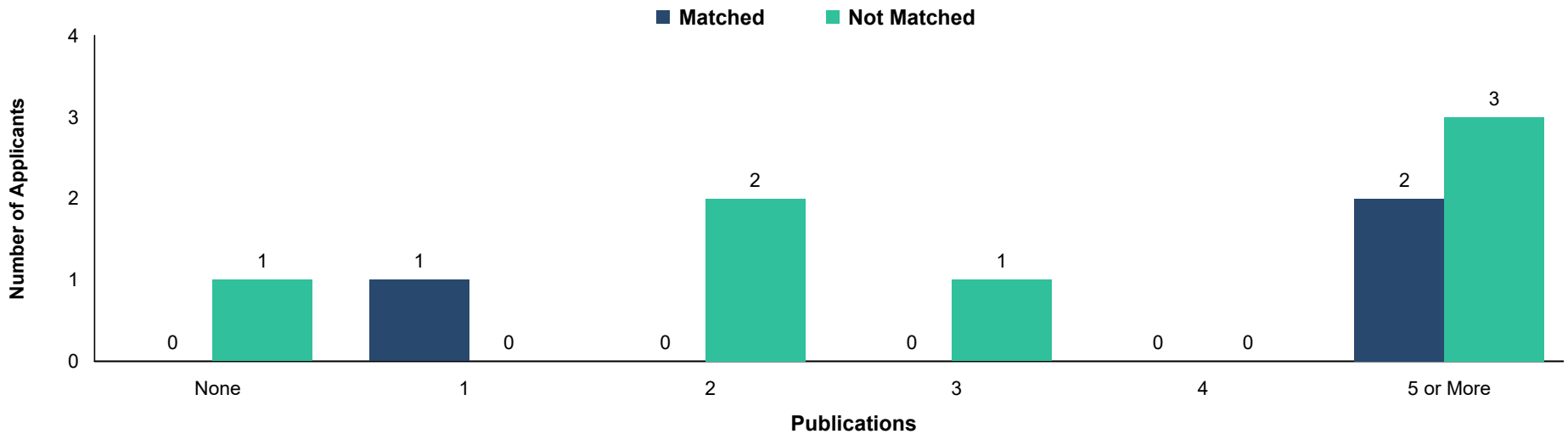
**Chart
NS-7**

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



**Chart
NS-8**

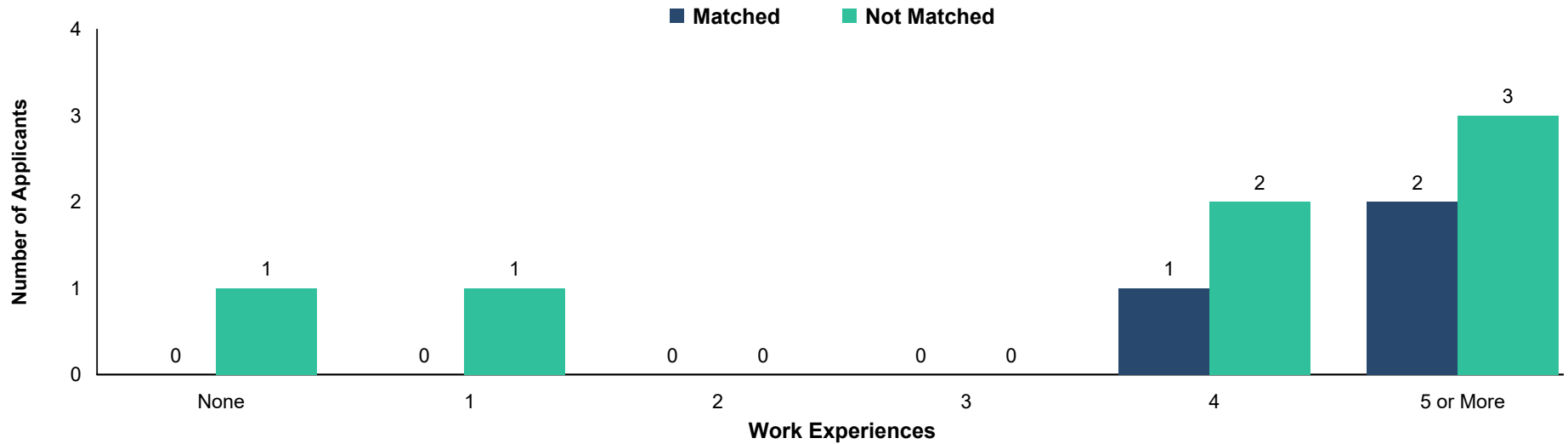
Number of Abstracts, Presentations, and Publications of U.S. Osteopathic Seniors *Neurological Surgery*



Source: NRMP Data Warehouse

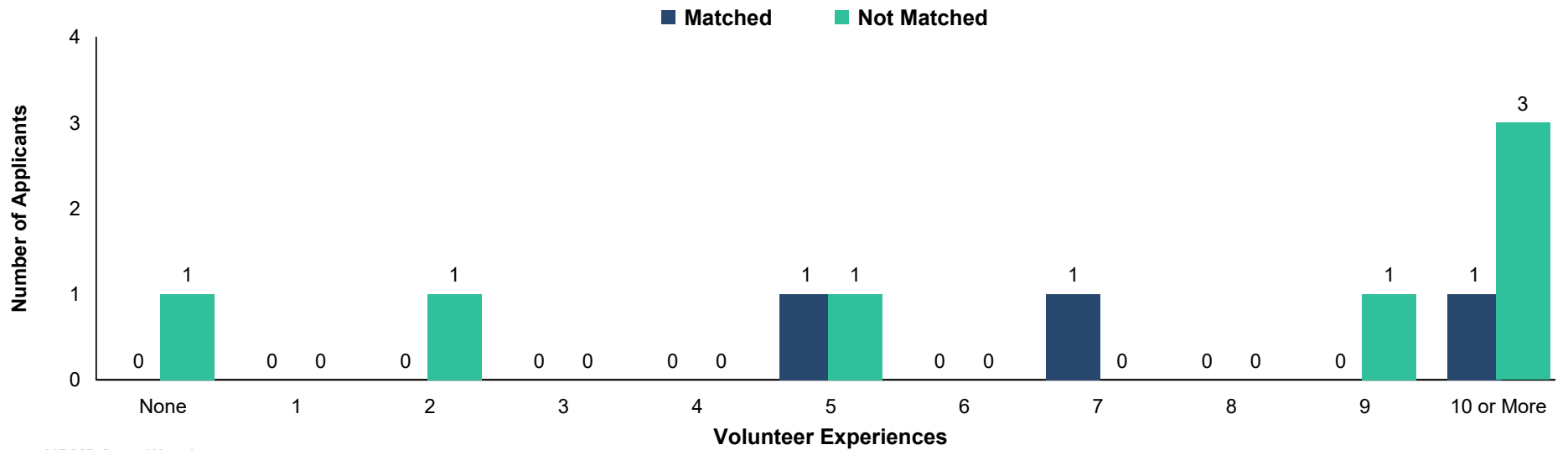
**Chart
NS-9**

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



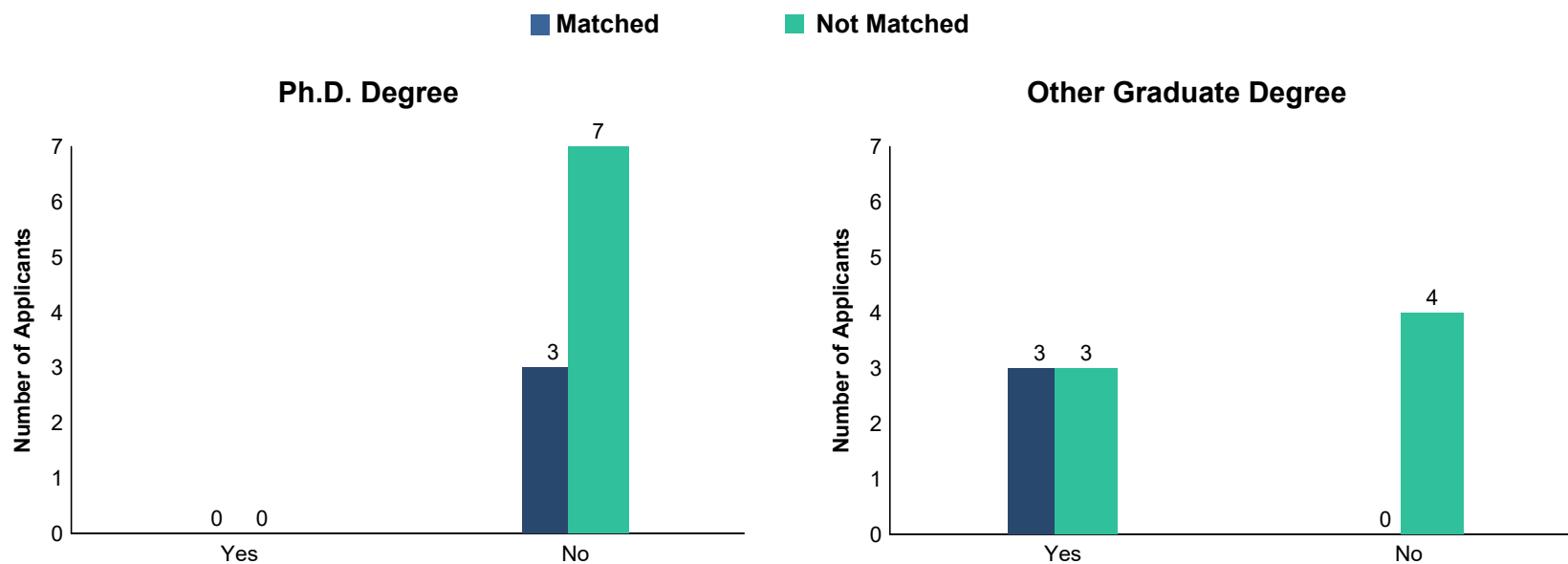
**Chart
NS-10**

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



Source: NRMP Data Warehouse

Other Characteristics of U.S. Osteopathic Seniors
Neurological Surgery



Source: NRMP Data Warehouse.

N **Neurology**

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

Measure	Matched (n=79)	Unmatched (n=7)
1. Mean number of contiguous ranks	9.6	5.3
2. Mean number of distinct specialties ranked	1.2	2.0
3. Mean COMLEX-USA Level 1 score	552	493
4. Mean COMLEX-USA Level 2-CE score	592	505
5. Mean USMLE Step 1 score	227	209
6. Mean USMLE Step 2 CK score	239	215
7. Mean number of research experiences	2.1	2.5
8. Mean number of abstracts, presentations, and publications	3.1	3.6
9. Mean number of work experiences	3.7	2.3
10. Mean number of volunteer experiences	5.9	6.8
11. Percentage who have a Ph.D. degree	1.3	14.3
12. Percentage who have another graduate degree	17.1	42.9

Source: NRMP Data Warehouse.

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

Chart N-1

Number of Distinct Specialties Ranked by U.S. Osteopathic Seniors
Neurology

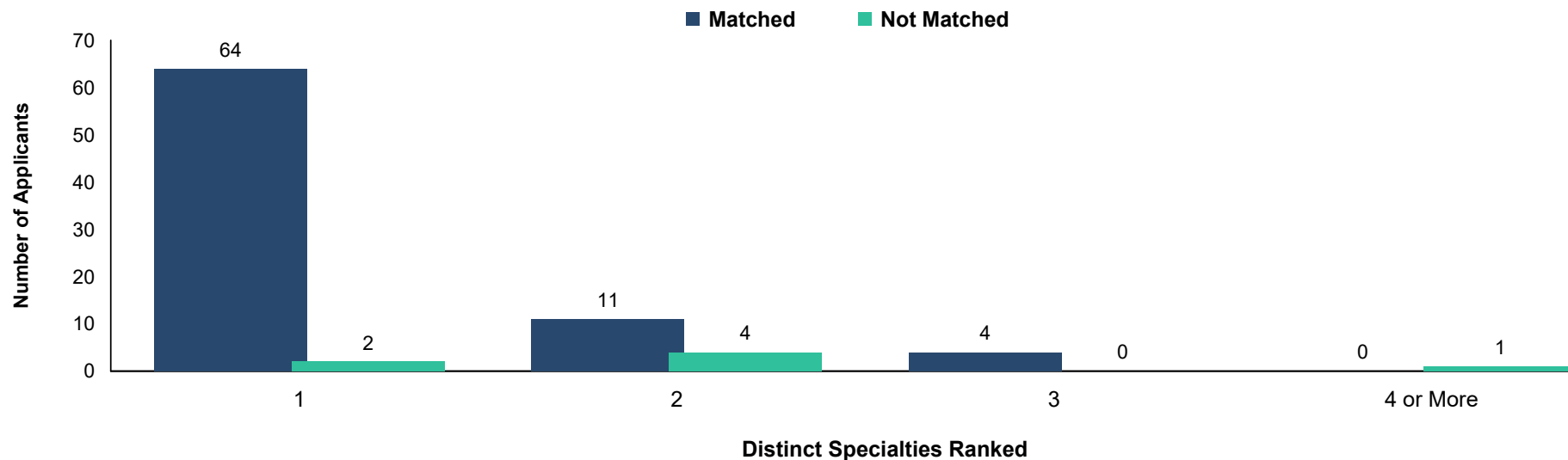
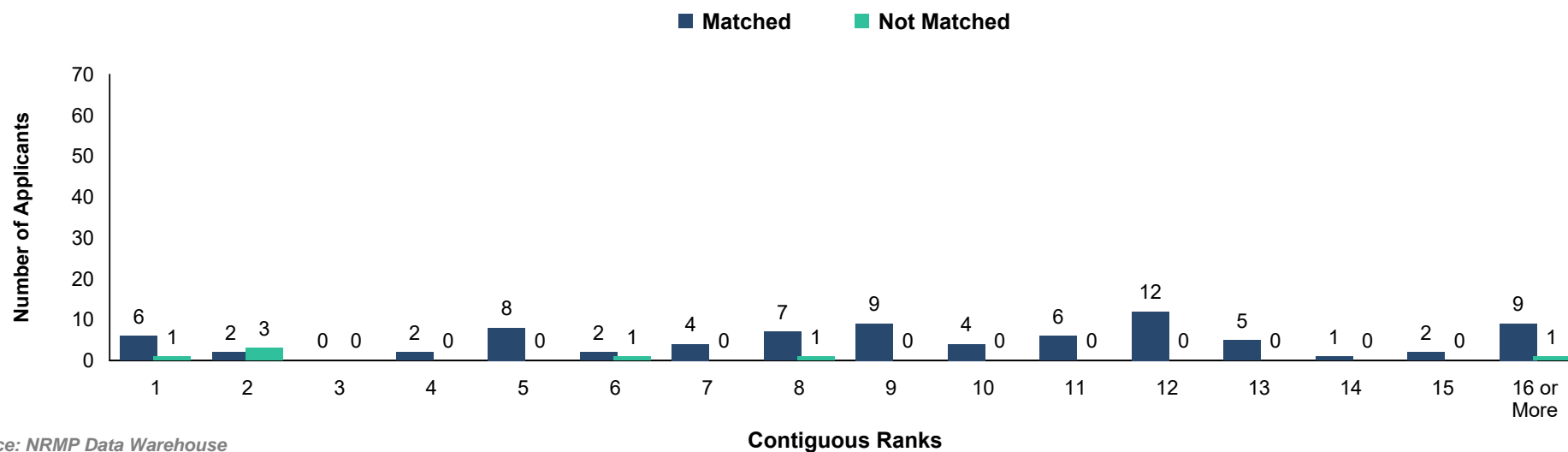


Chart N-2

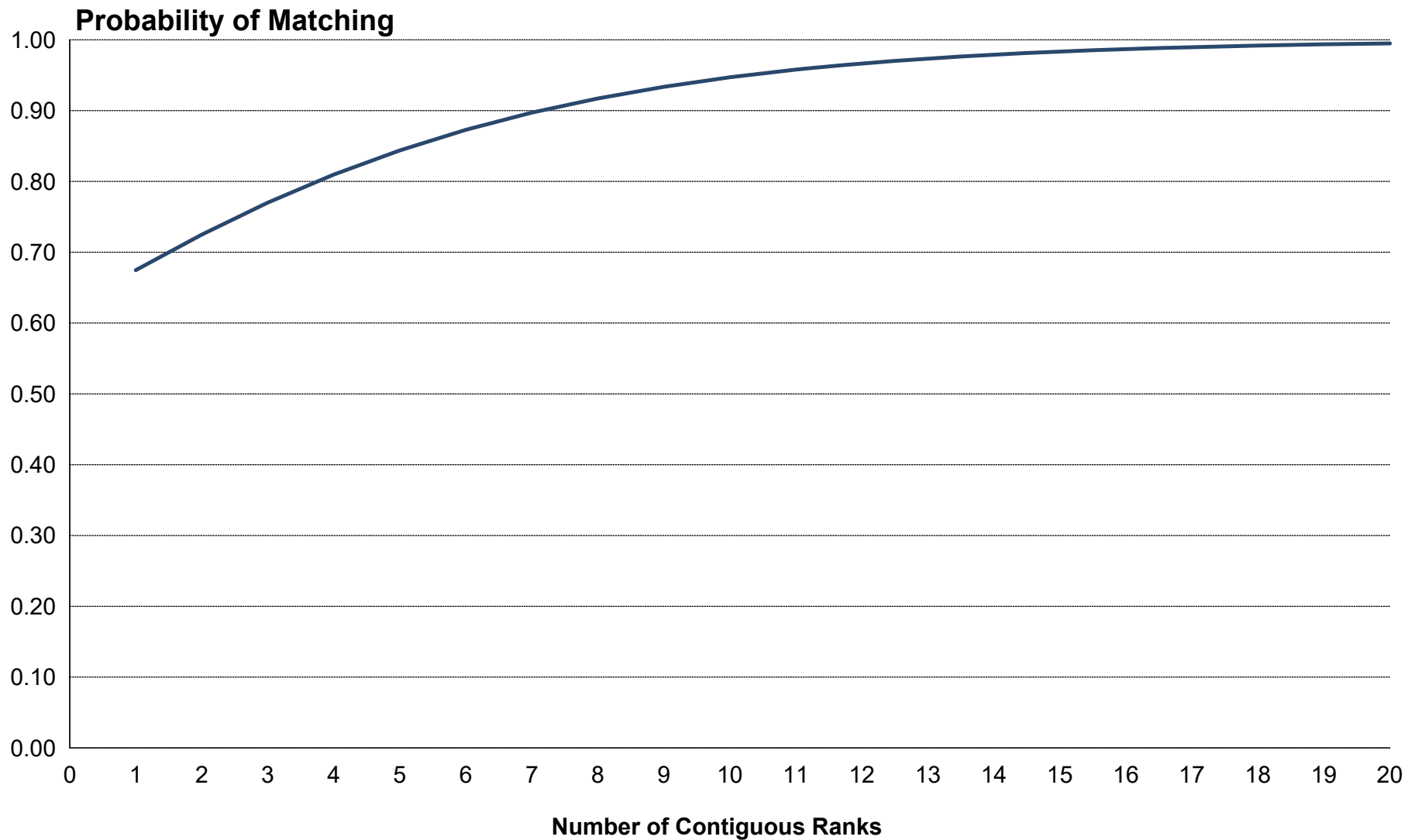
Number of Contiguous Ranks of U.S. Osteopathic Seniors
Neurology



Source: NRMP Data Warehouse

**Graph
N-1**

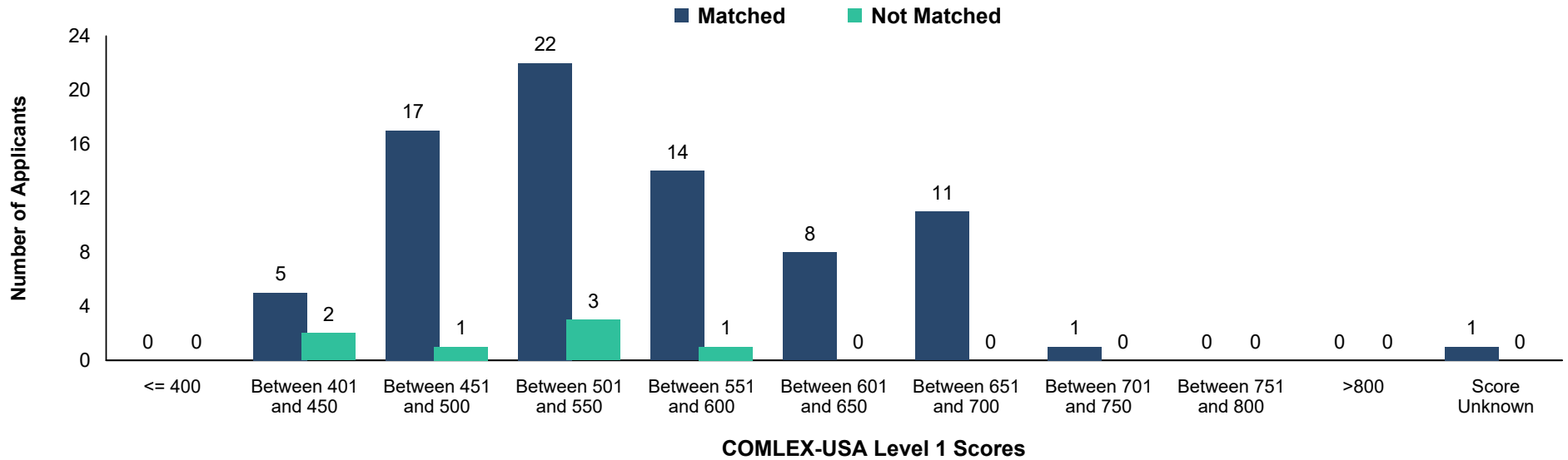
Probability of U.S. Osteopathic Seniors Matching to Preferred Specialty by Number of Contiguous Ranks
Neurology



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2016-2018 applicants.

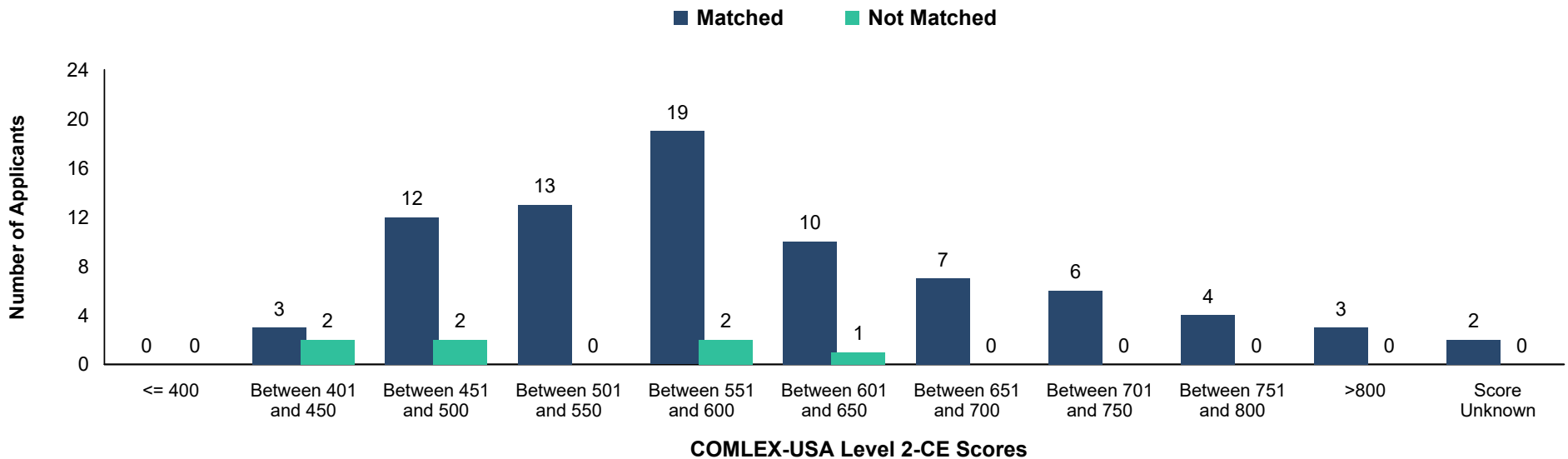
**Chart
N-3**

**COMLEX-USA Level 1 Scores of U.S. Osteopathic Seniors
*Neurology***



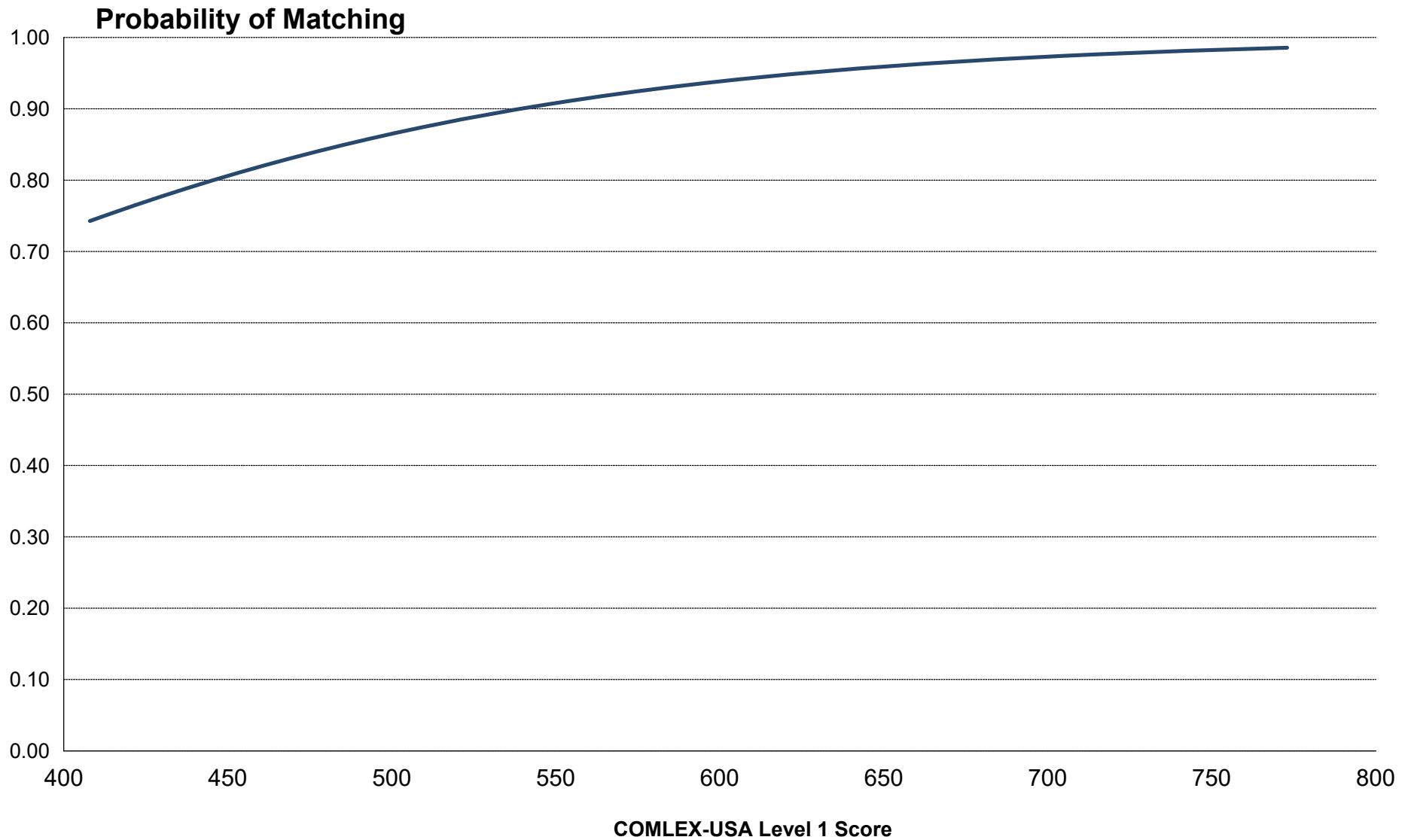
**Chart
N-4**

**COMLEX-USA Level 2-CE Scores of U.S. Osteopathic Seniors
*Neurology***



**Graph
N-2**

Probability of U.S. Osteopathic Seniors Matching to Preferred Specialty by COMLEX-USA Level 1 Score
Neurology

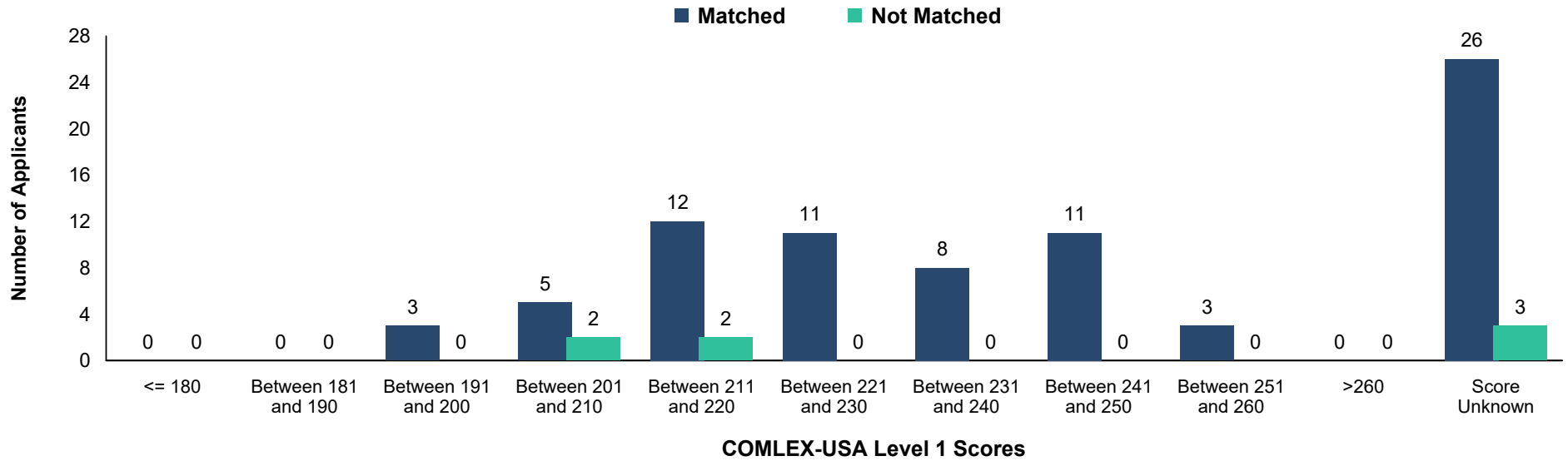


Note: Probabilities calculated based on 2016-2018 applicants.

Sources: NRMP Data Warehouse; 2016 COMLEX-USA scores provided by NBOME.

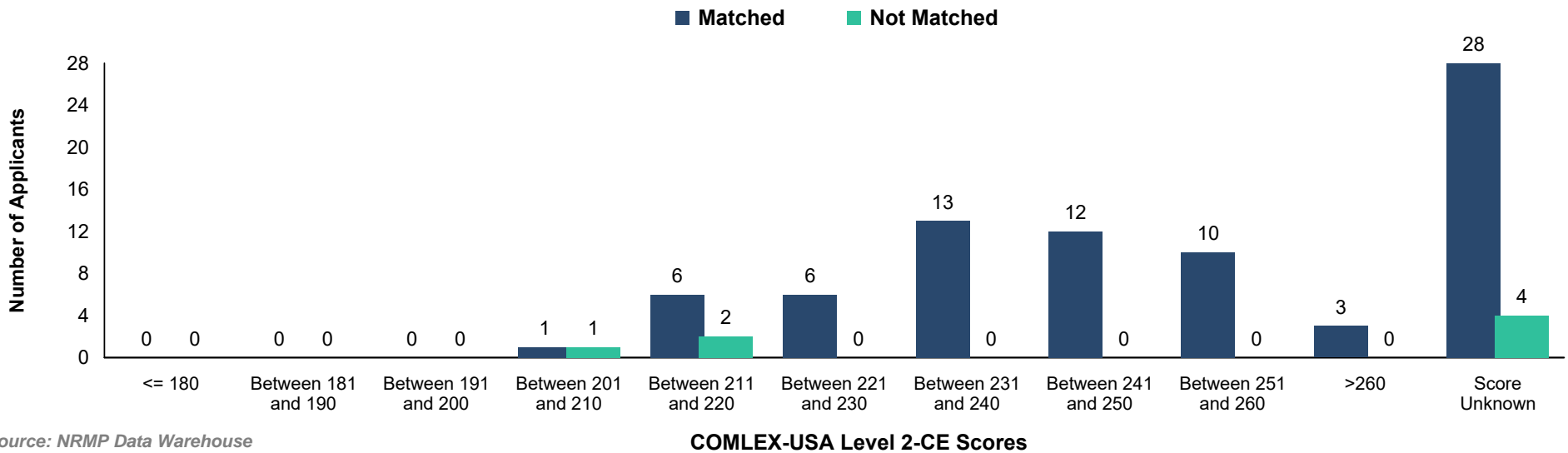
**Chart
N-5**

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



**Chart
N-6**

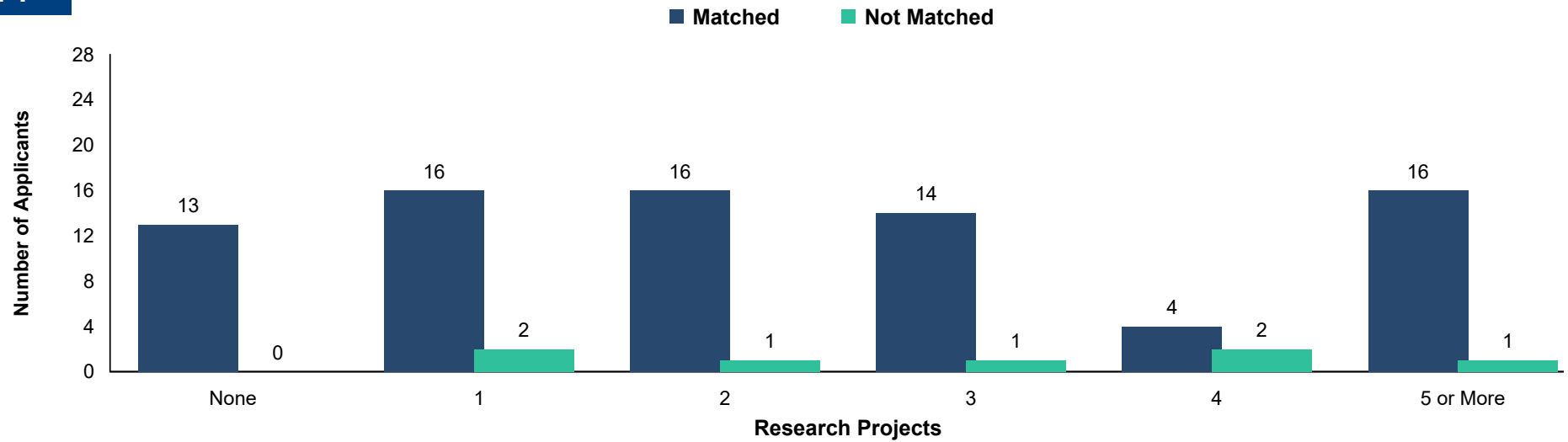
**USMLE Step 2 CK Scores of U.S. Osteopathic Seniors
Neurology**



Source: NRMP Data Warehouse

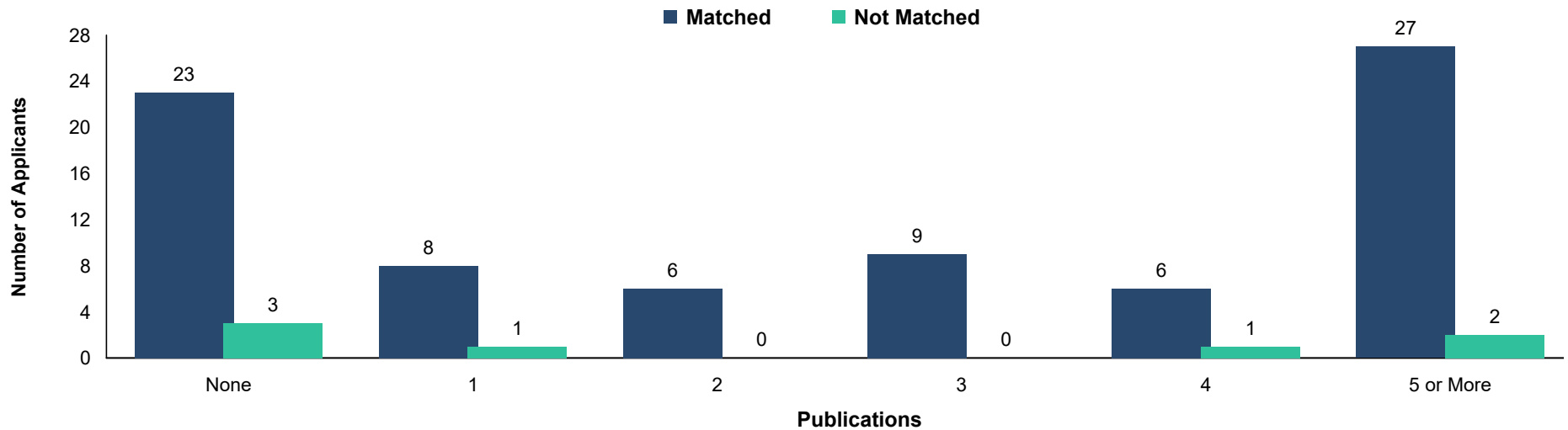
**Chart
N-7**

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



**Chart
N-8**

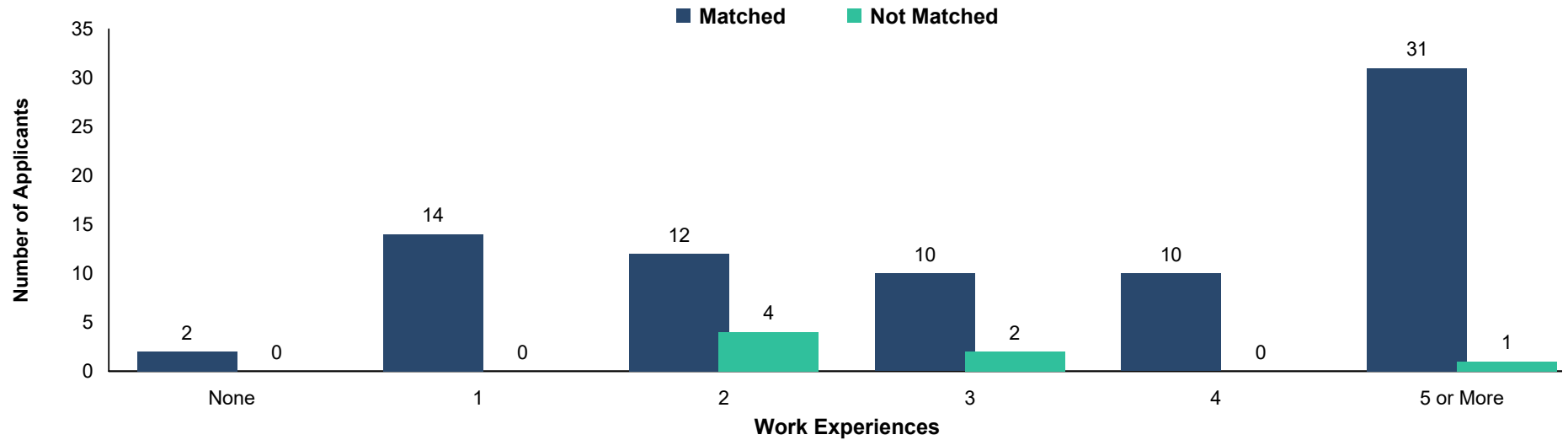
Number of Abstracts, Presentations, and Publications of U.S. Osteopathic Seniors *Neurology*



Source: NRMP Data Warehouse

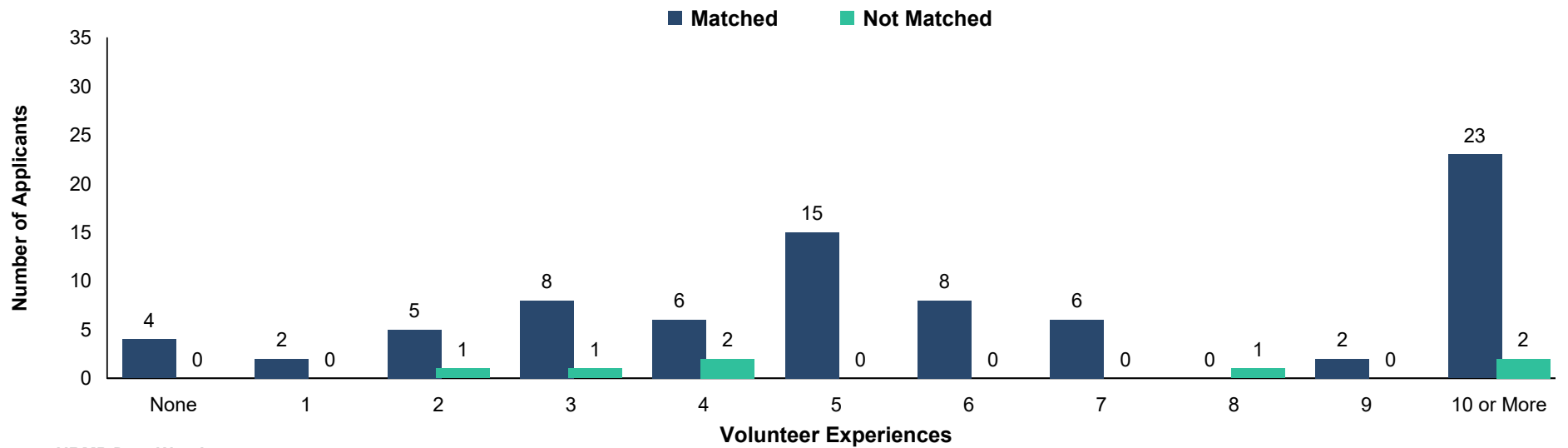
**Chart
N-9**

**Number of Work Experiences of U.S. Osteopathic Seniors
*Neurology***



**Chart
N-10**

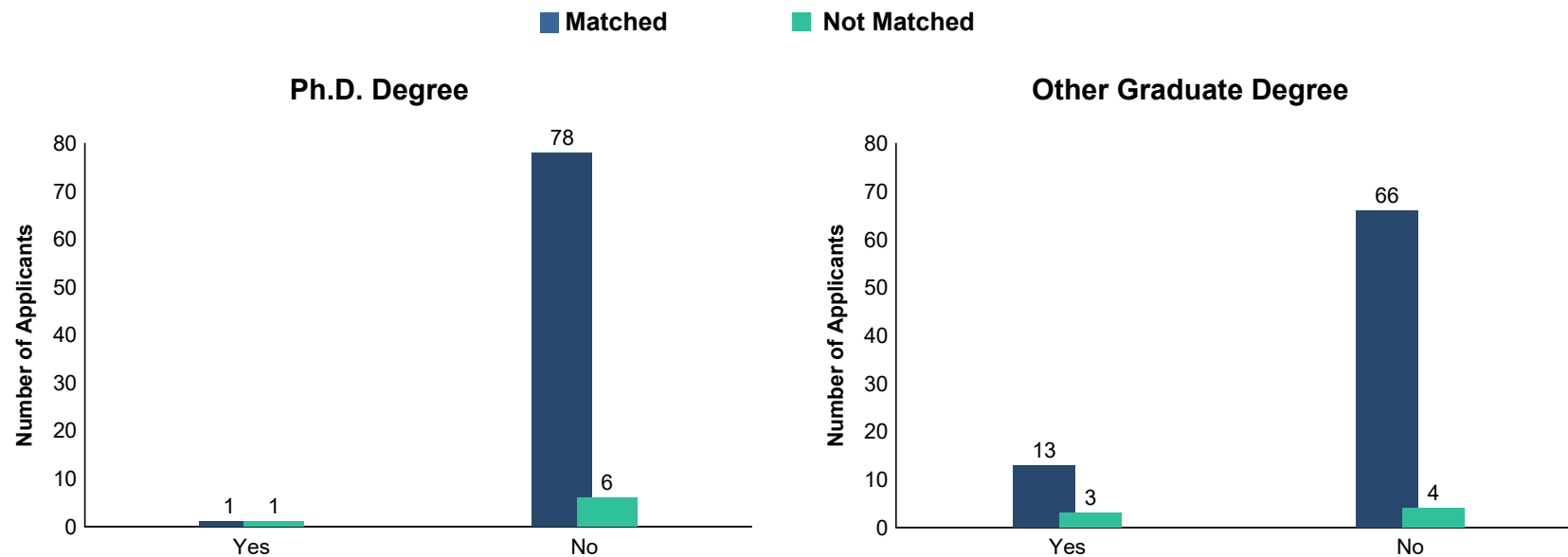
**Number of Volunteer Experiences of U.S. Osteopathic Seniors
*Neurology***



Source: NRMP Data Warehouse

**Chart
N-11**

Other Characteristics of U.S. Osteopathic Seniors
Neurology



Source: NRMP Data Warehouse.

OB **Obstetrics and Gynecology**

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

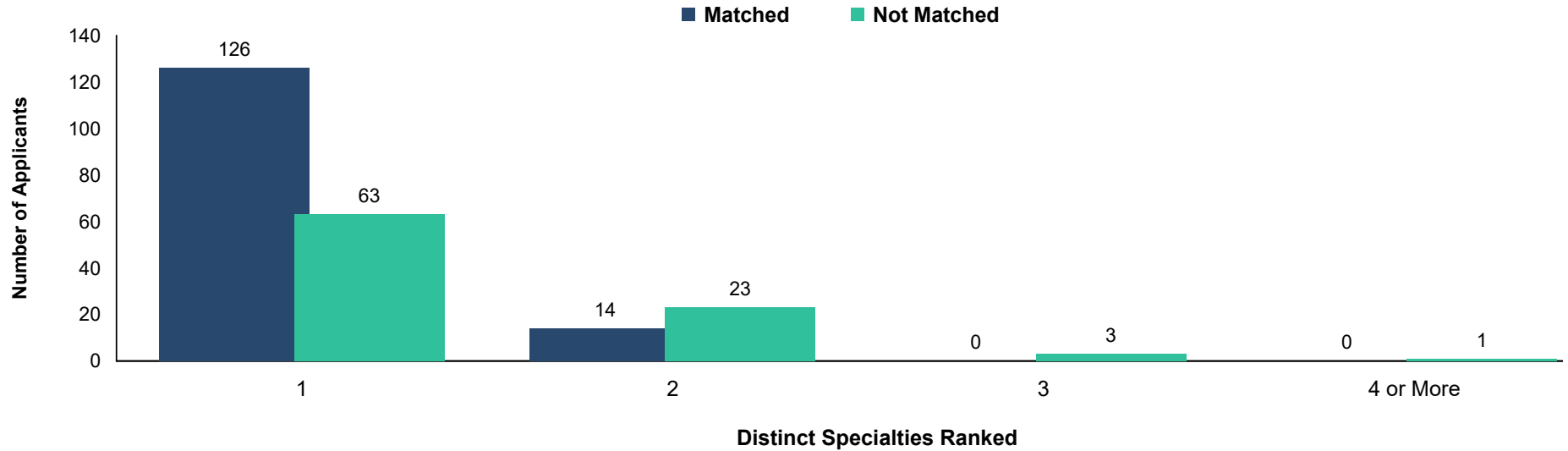
Measure	Matched (n=140)	Unmatched (n=90)
1. Mean number of contiguous ranks	9.9	4.7
2. Mean number of distinct specialties ranked	1.1	1.4
3. Mean COMLEX-USA Level 1 score	568	507
4. Mean COMLEX-USA Level 2-CE score	621	534
5. Mean USMLE Step 1 score	226	216
6. Mean USMLE Step 2 CK score	241	229
7. Mean number of research experiences	2.0	1.8
8. Mean number of abstracts, presentations, and publications	2.3	2.1
9. Mean number of work experiences	3.7	3.5
10. Mean number of volunteer experiences	7.8	7.6
11. Percentage who have a Ph.D. degree	0.0	0.0
12. Percentage who have another graduate degree	15.8	33.7

Source: NRMP Data Warehouse.

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

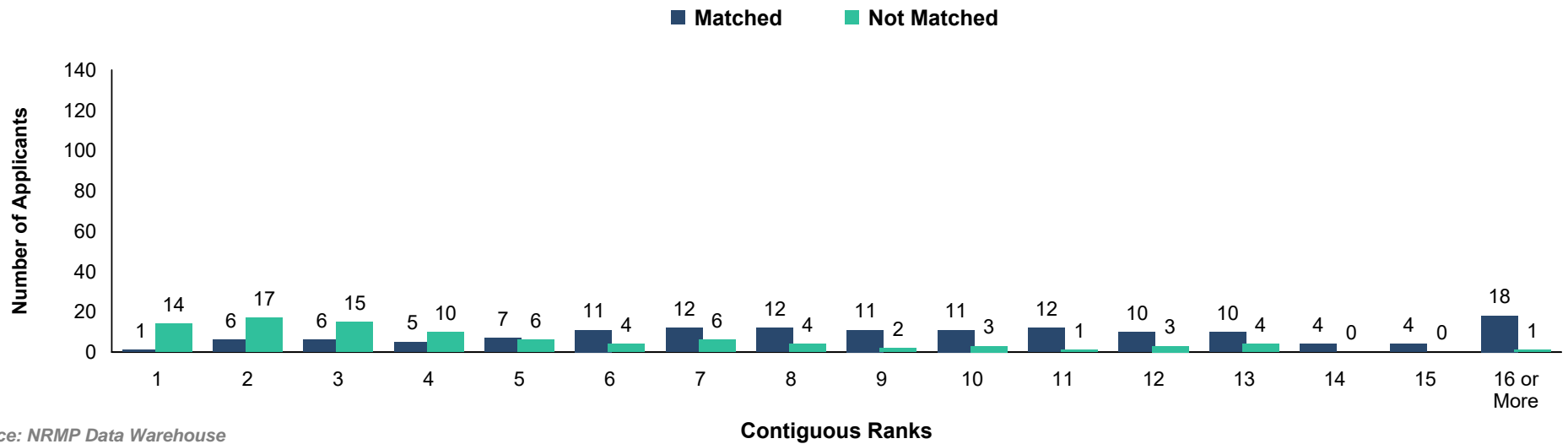
**Chart
OB-1**

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



**Chart
OB-2**

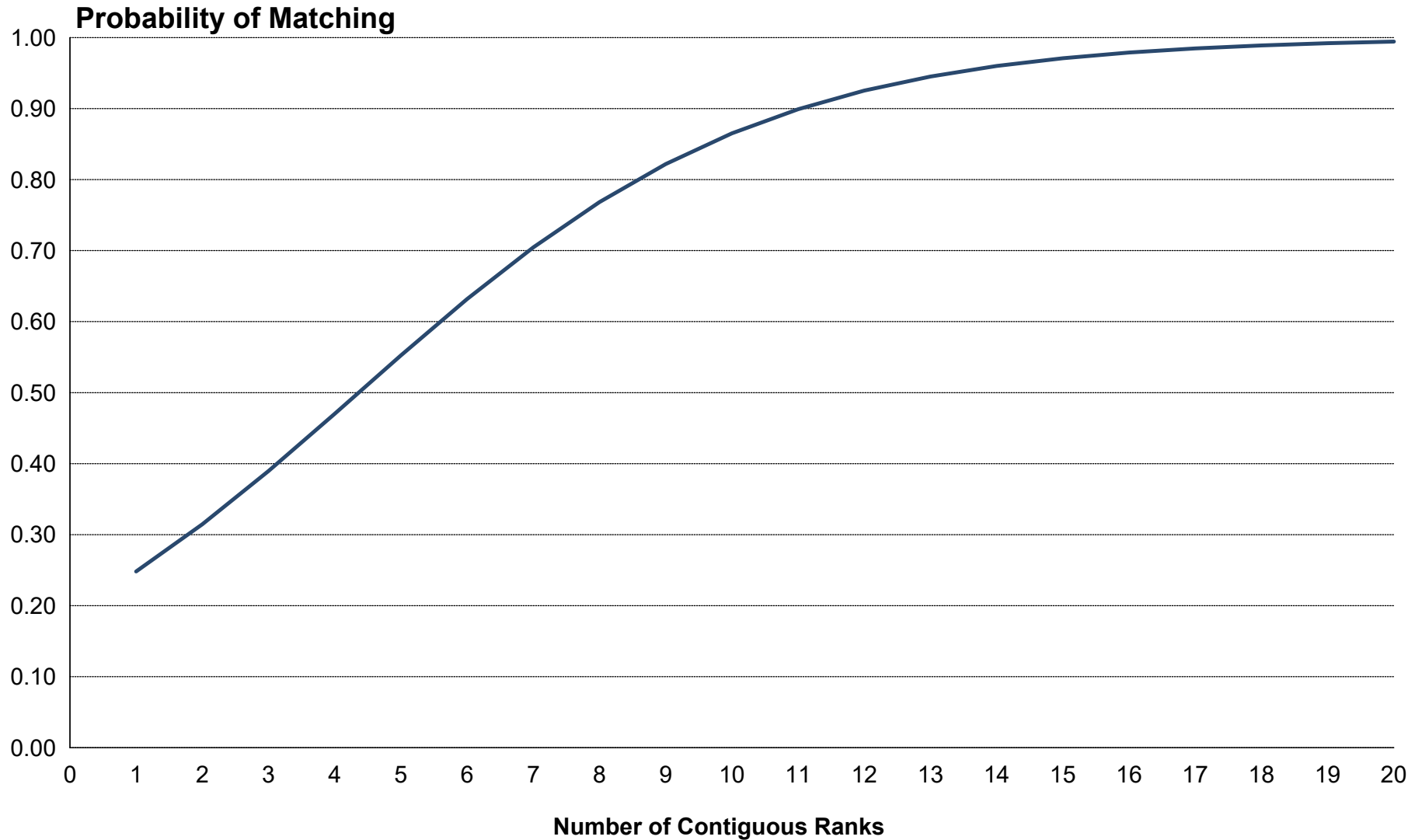
**Number of Contiguous Ranks of U.S. Osteopathic Seniors
*Obstetrics and Gynecology***



Source: NRMP Data Warehouse

**Graph
OB-1**

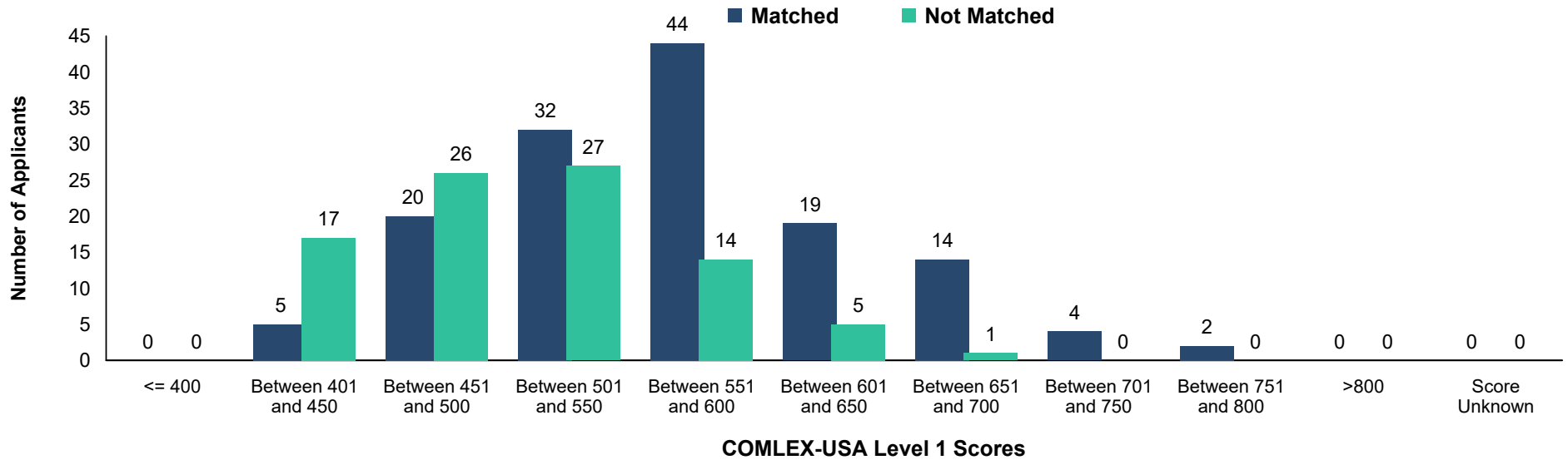
Probability of U.S. Osteopathic Seniors Matching to Preferred Specialty by Number of Contiguous Ranks
Obstetrics and Gynecology



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2016-2018 applicants.

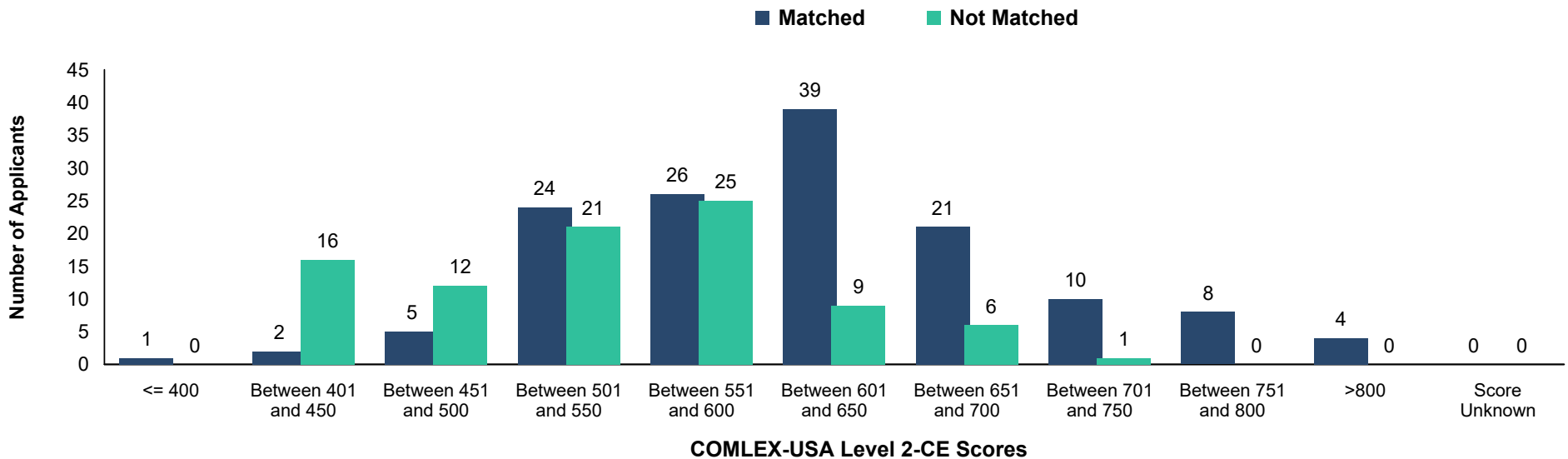
**Chart
OB-3**

**COMLEX-USA Level 1 Scores of U.S. Osteopathic Seniors
*Obstetrics and Gynecology***



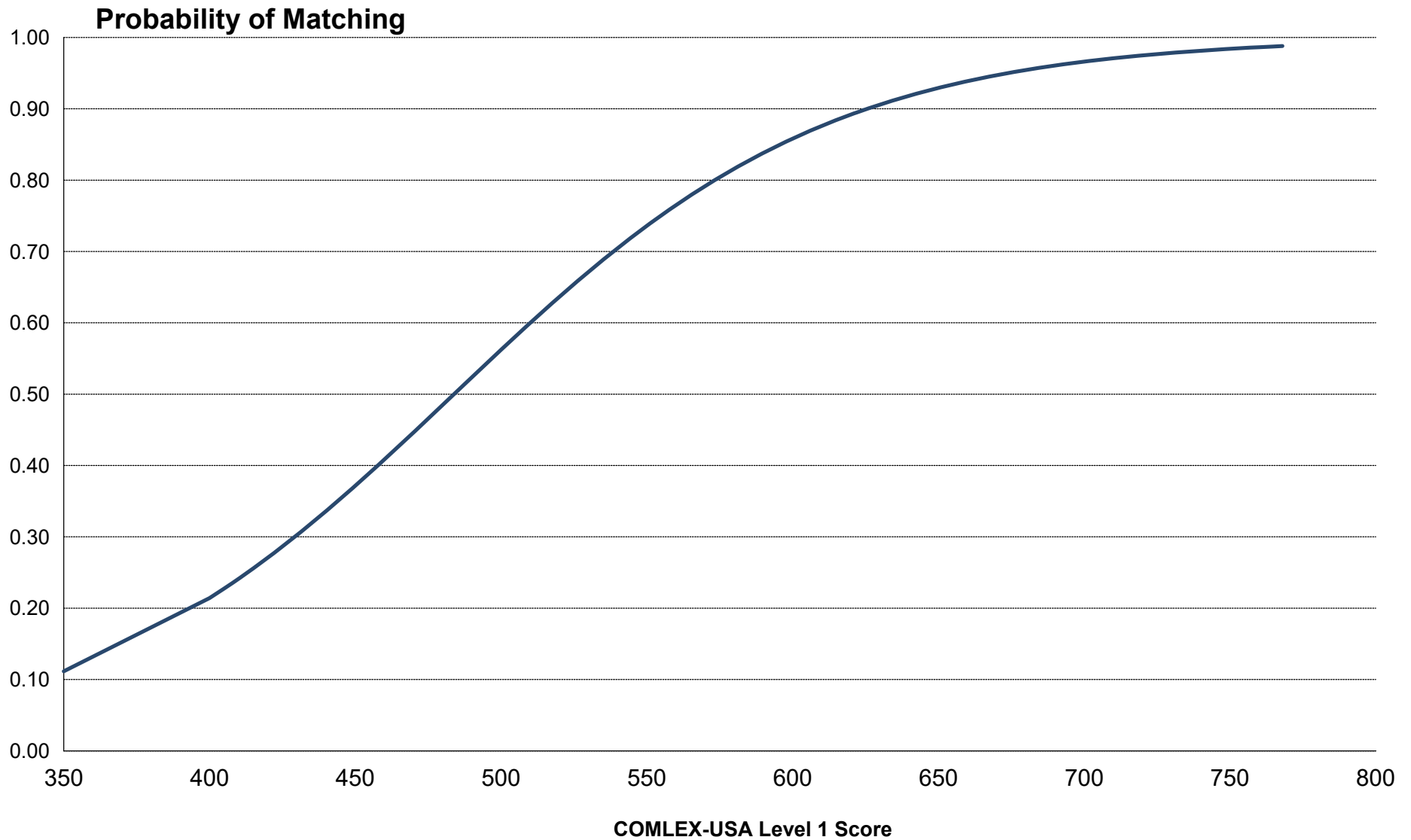
**Chart
OB-4**

**COMLEX-USA Level 2-CE Scores of U.S. Osteopathic Seniors
*Obstetrics and Gynecology***



**Graph
OB-2**

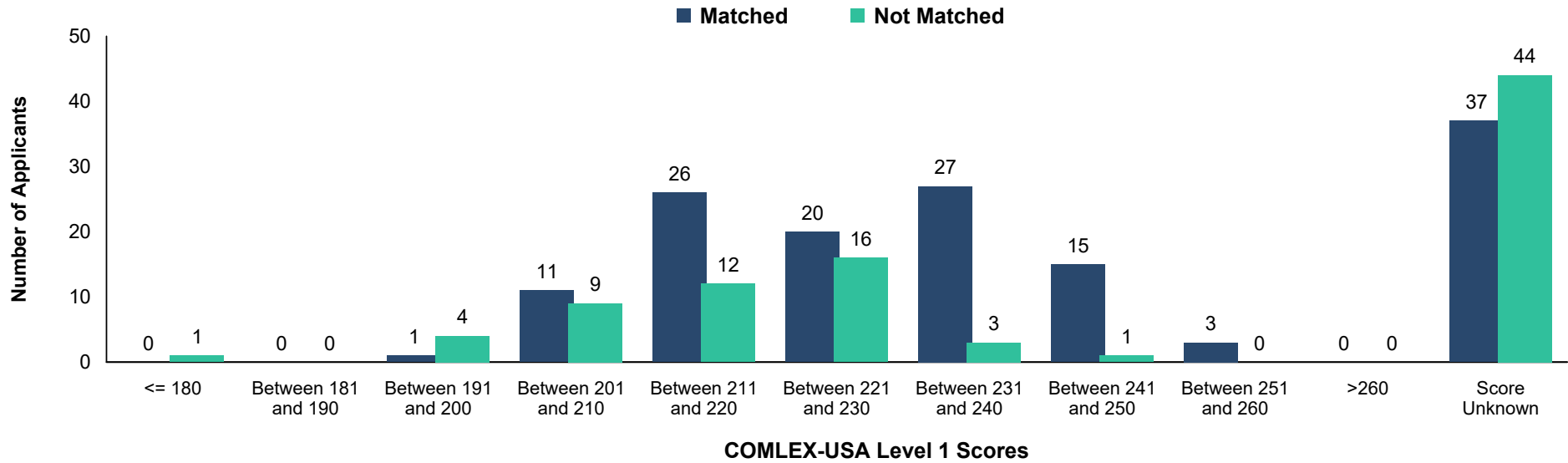
Probability of U.S. Osteopathic Seniors Matching to Preferred Specialty by COMLEX-USA Level 1 Score
Obstetrics and Gynecology



*Note: Probabilities calculated based on 2016-2018 applicants.
Sources: NRMP Data Warehouse; 2016 COMLEX-USA scores provided by NBOME.*

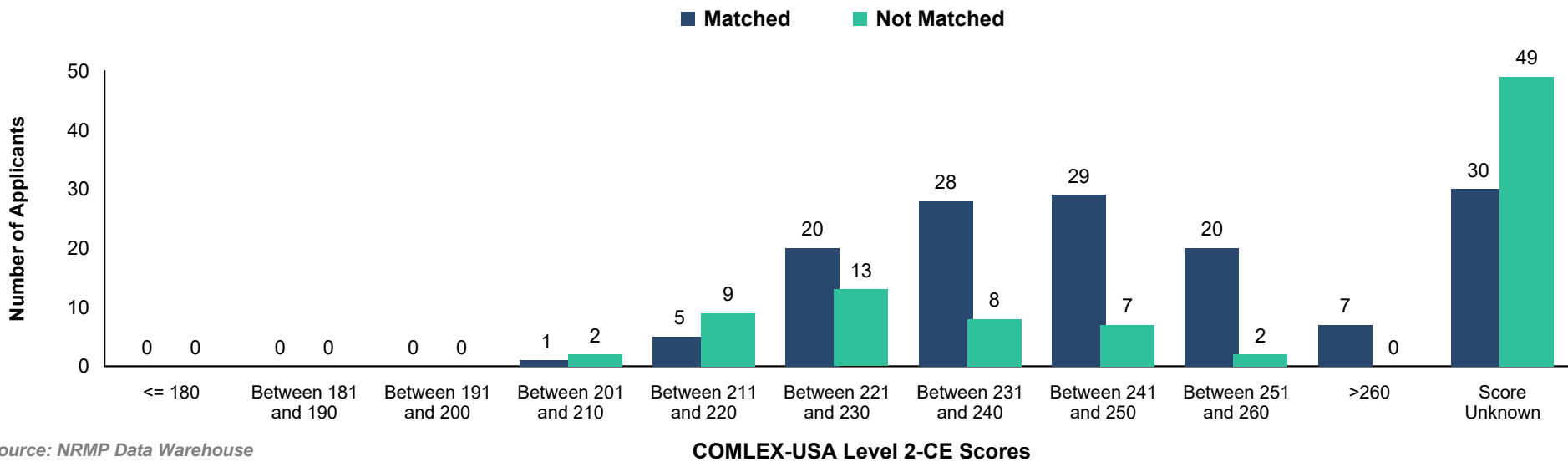
**Chart
OB-5**

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



**Chart
OB-6**

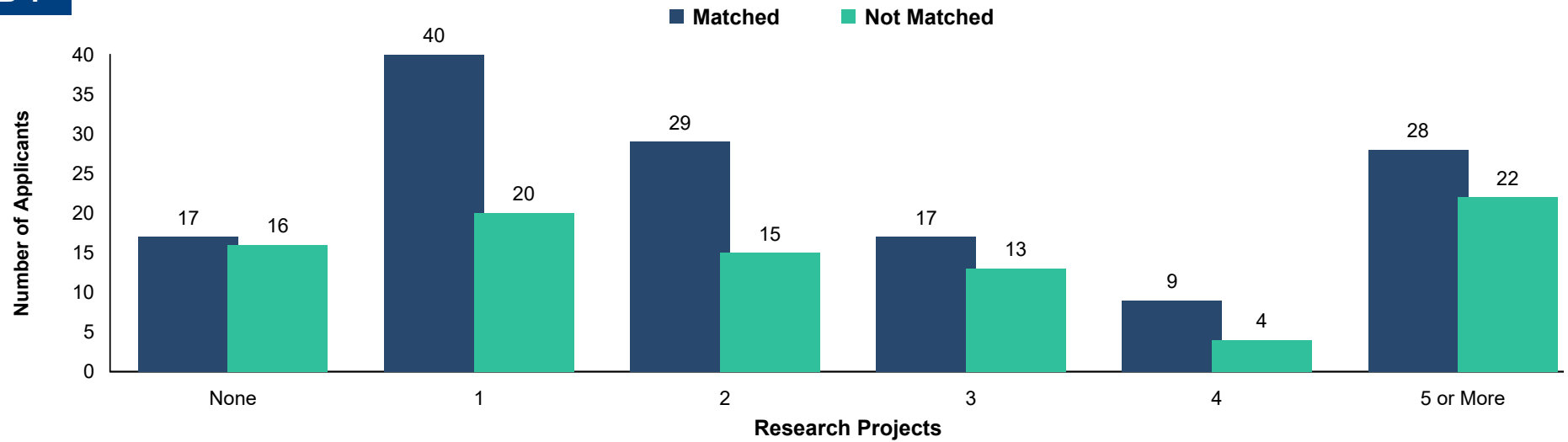
**USMLE Step 2 CK Scores of U.S. Osteopathic Seniors
*Obstetrics and Gynecology***



Source: NRMP Data Warehouse

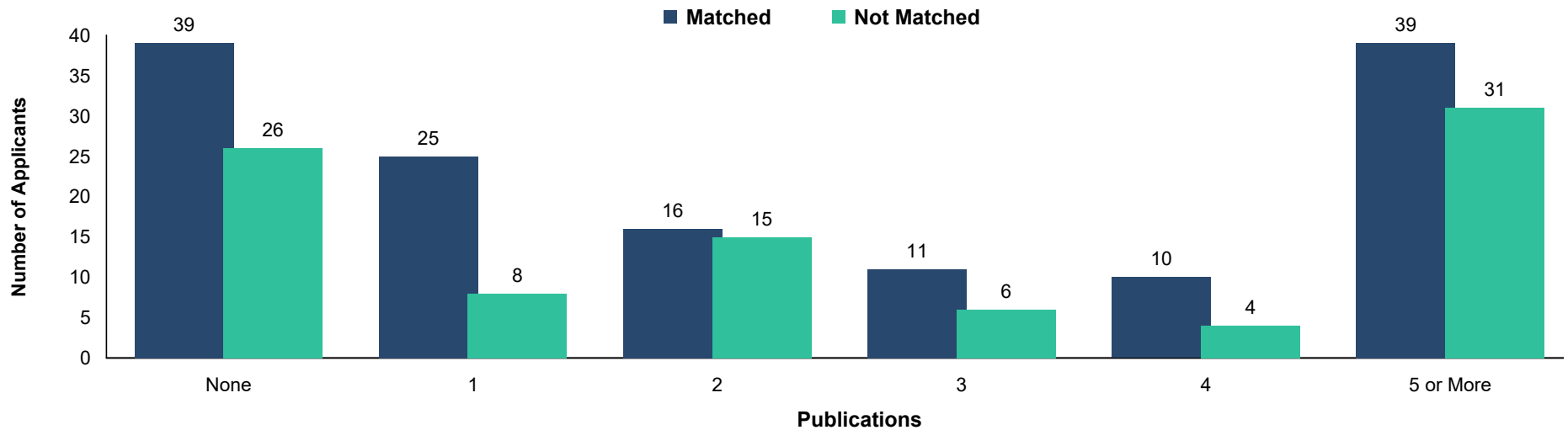
**Chart
OB-7**

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



**Chart
OB-8**

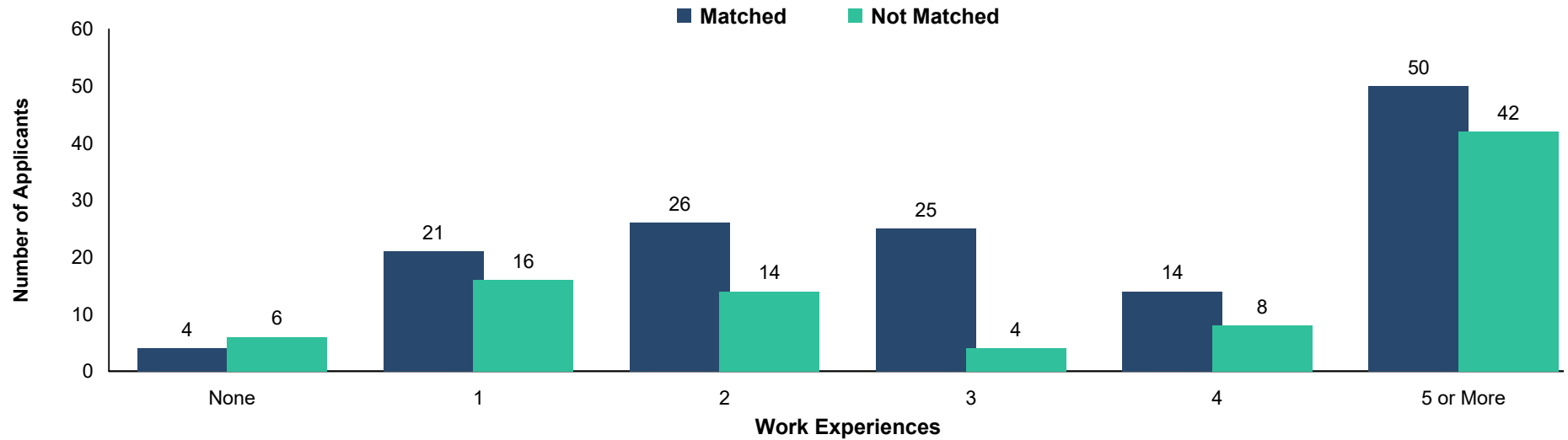
Number of Abstracts, Presentations, and Publications of U.S. Osteopathic Seniors *Obstetrics and Gynecology*



Source: NRMP Data Warehouse

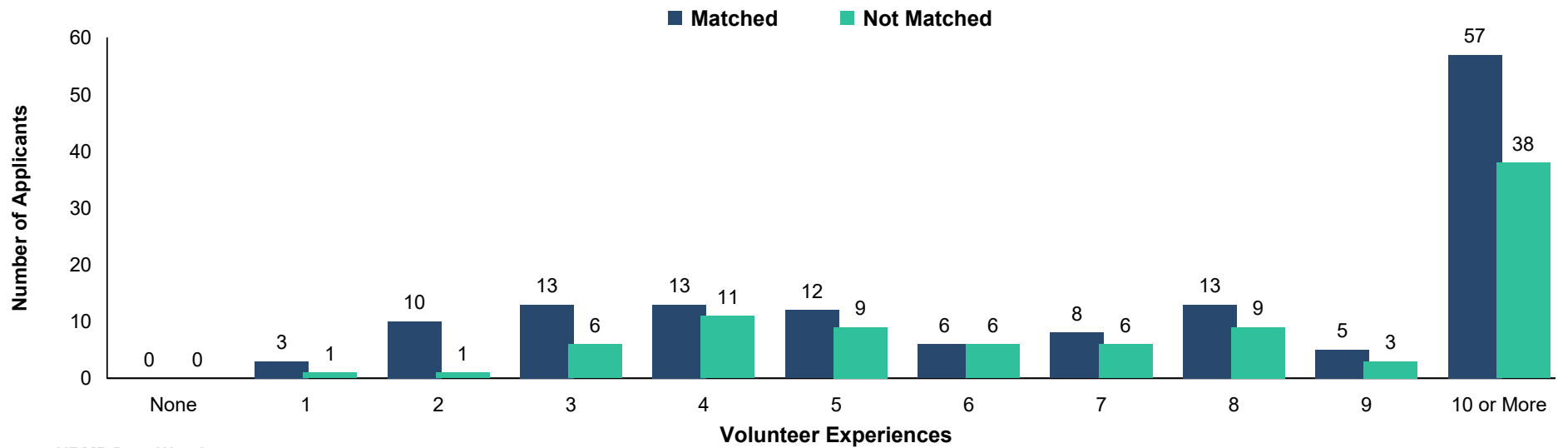
**Chart
OB-9**

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



**Chart
OB-10**

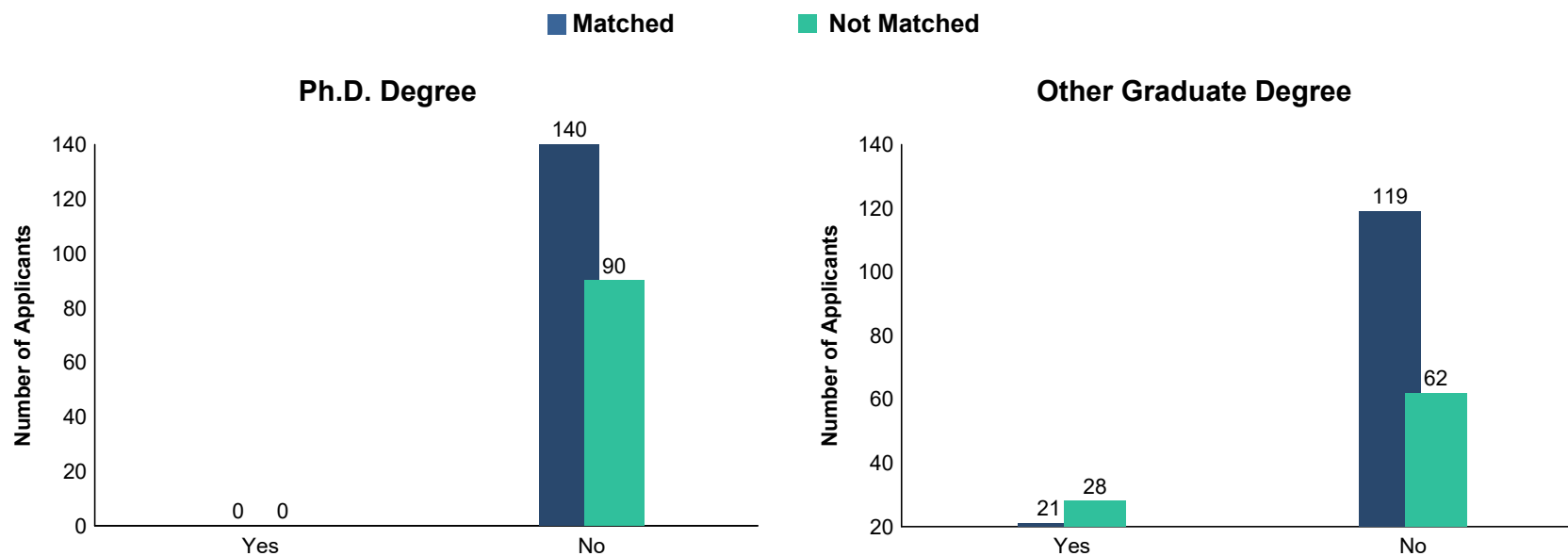
**Number of Volunteer Experiences of U.S. Osteopathic Seniors
*Obstetrics and Gynecology***



Source: NRMP Data Warehouse

**Chart
OB-11**

**Other Characteristics of U.S. Osteopathic Seniors
Obstetrics and Gynecology**



Source: NRMP Data Warehouse.

ORS Orthopaedic Surgery

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

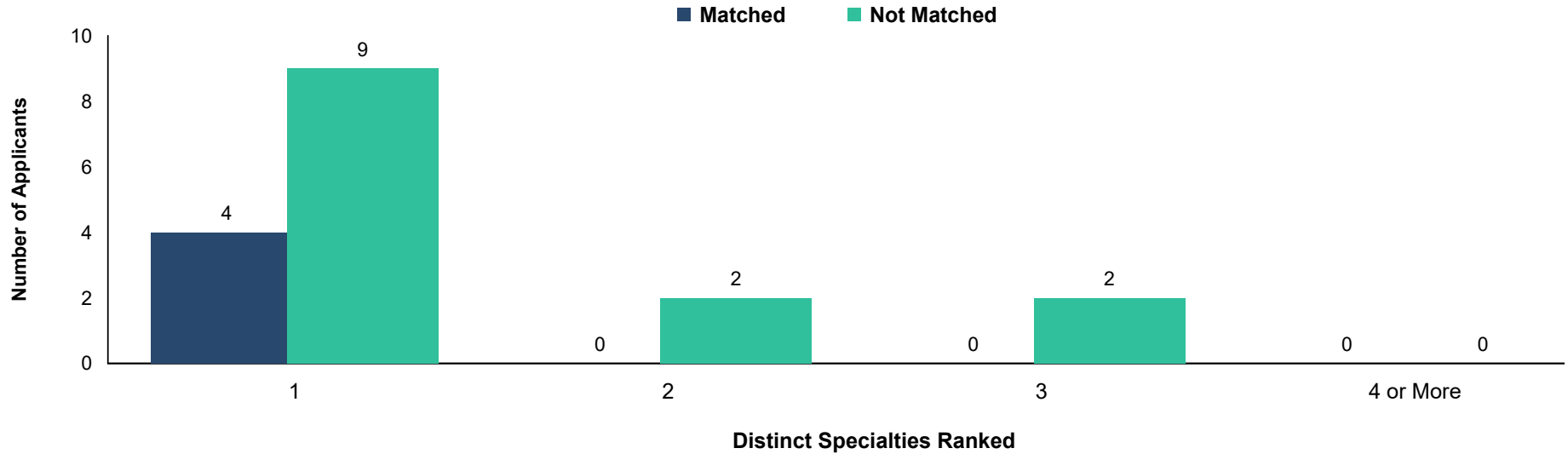
Measure	Matched (n=4)	Unmatched (n=13)
1. Mean number of contiguous ranks	4.3	1.2
2. Mean number of distinct specialties ranked	1.0	1.5
3. Mean COMLEX-USA Level 1 score	680	581
4. Mean COMLEX-USA Level 2-CE score	680	631
5. Mean USMLE Step 1 score	252	232
6. Mean USMLE Step 2 CK score	249	240
7. Mean number of research experiences	2.7	3.2
8. Mean number of abstracts, presentations, and publications	4.0	3.3
9. Mean number of work experiences	3.7	3.2
10. Mean number of volunteer experiences	6.3	4.6
11. Percentage who have a Ph.D. degree	0.0	0.0
12. Percentage who have another graduate degree	0.0	23.1

Source: NRMP Data Warehouse.

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

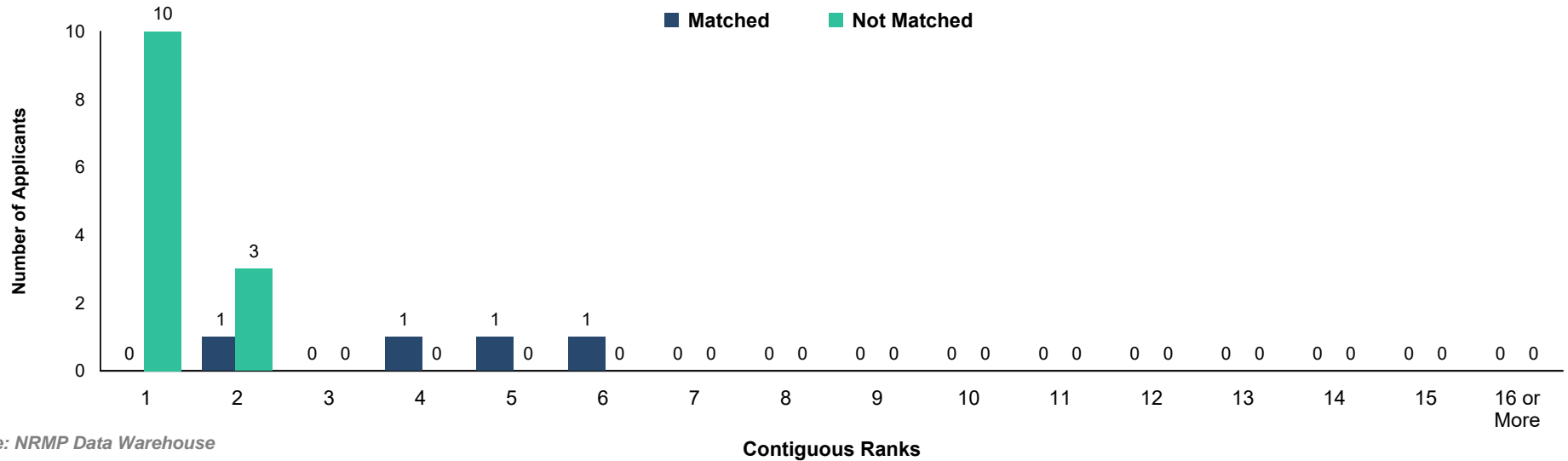
**Chart
ORS-1**

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



**Chart
ORS-2**

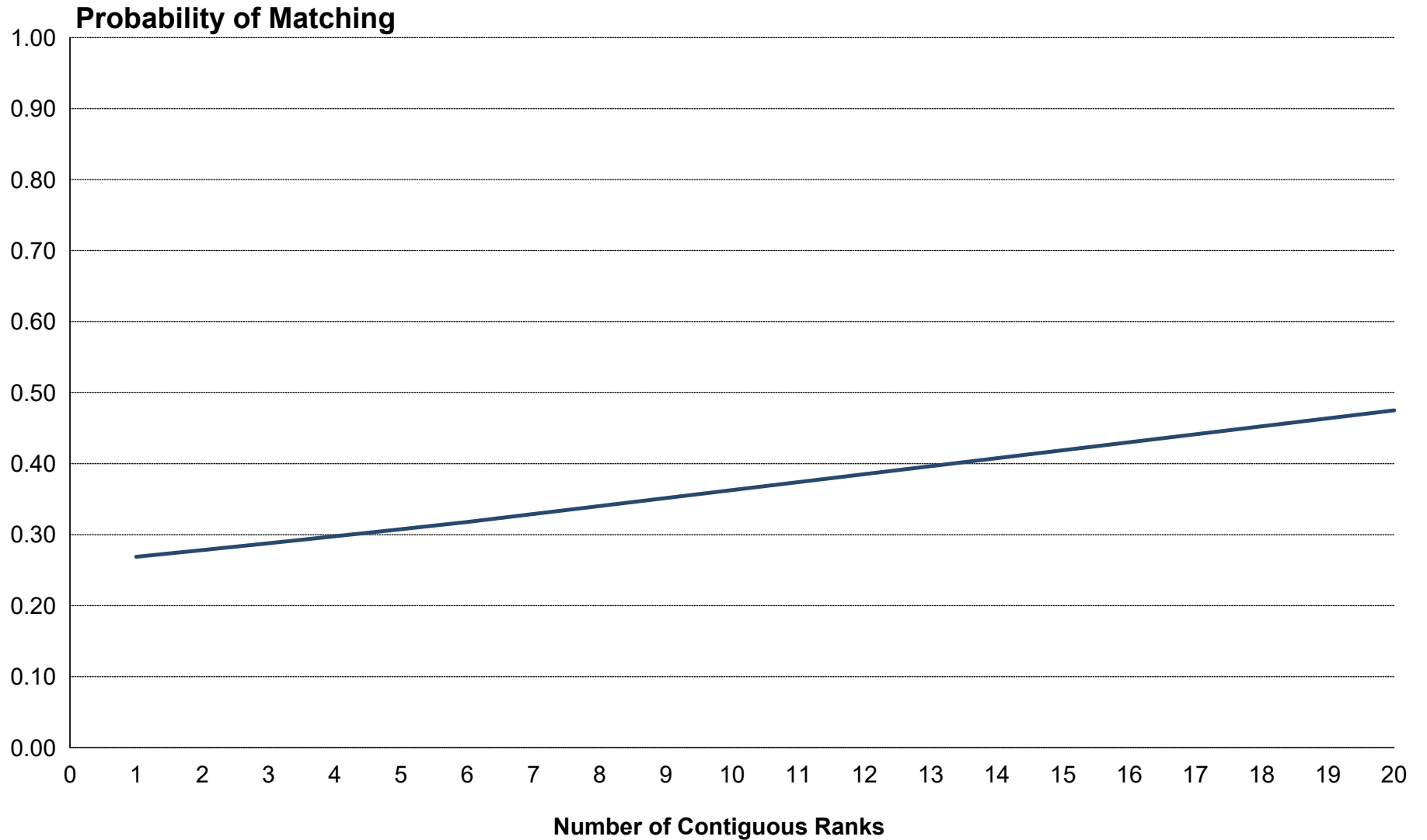
**Number of Contiguous Ranks of U.S. Osteopathic Seniors
*Orthopaedic Surgery***



Source: NRMP Data Warehouse

**Graph
ORS-1**

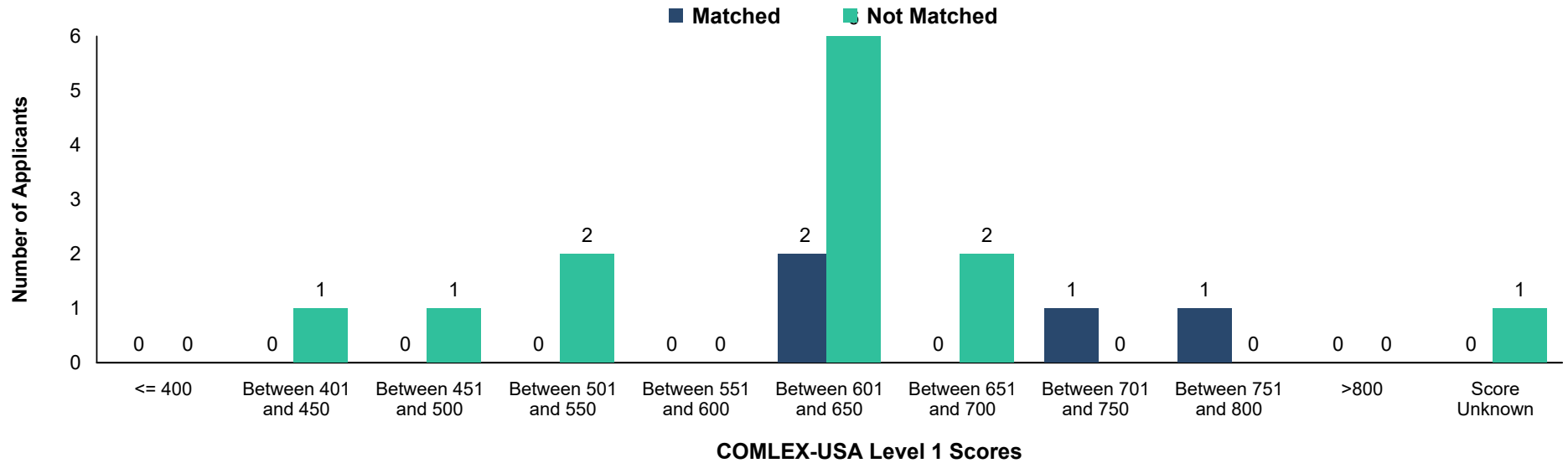
Probability of U.S. Osteopathic Seniors Matching to Preferred Specialty by Number of Contiguous Ranks
Orthopaedic Surgery



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2016-2018 applicants.

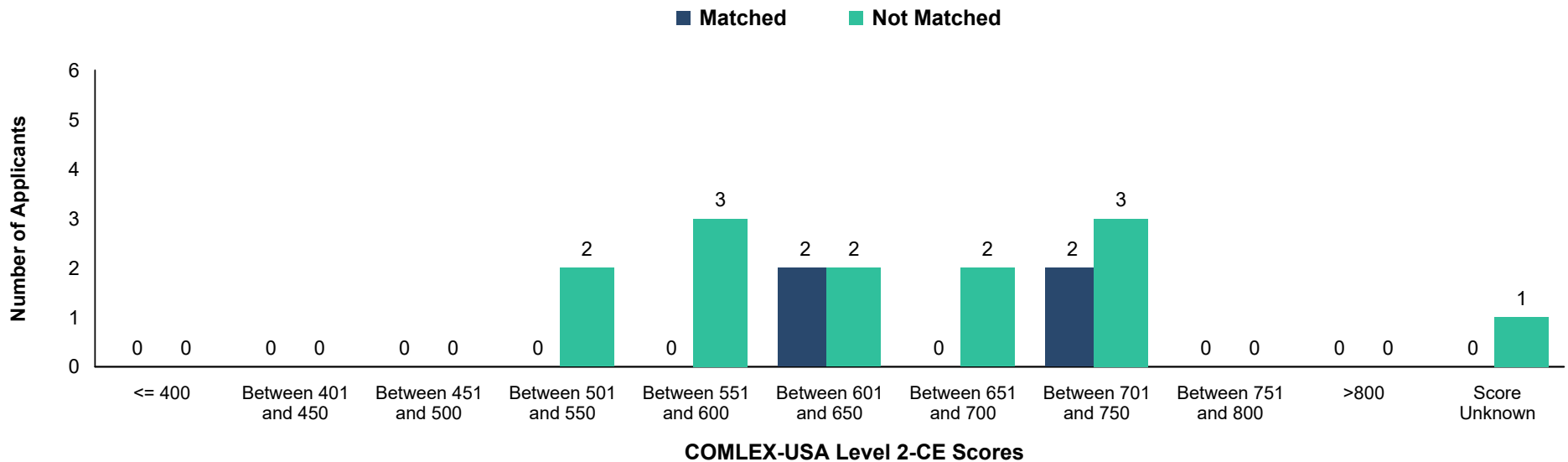
**Chart
ORS-3**

**COMLEX-USA Level 1 Scores of U.S. Osteopathic Seniors
*Orthopaedic Surgery***



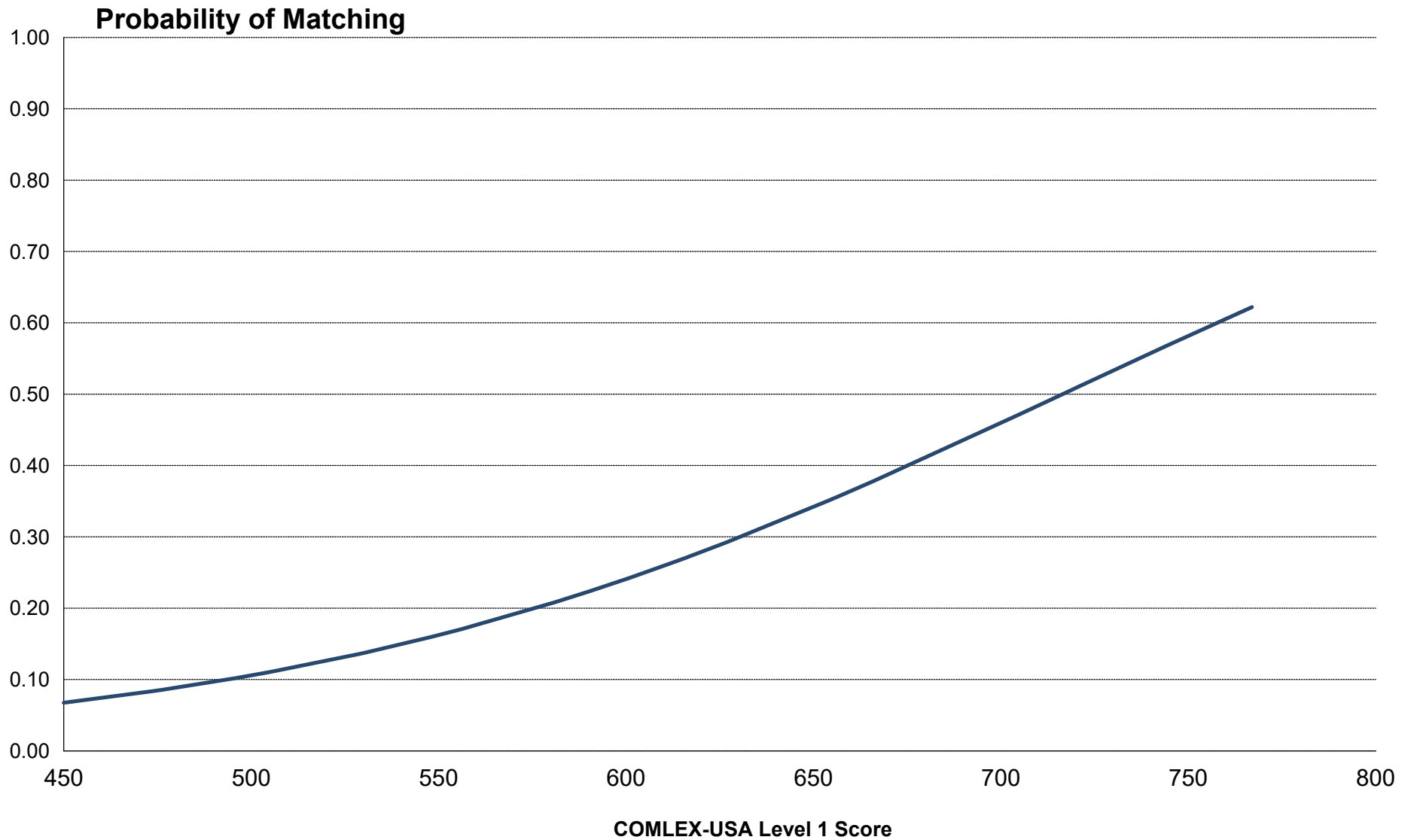
**Chart
ORS-4**

**COMLEX-USA Level 2-CE Scores of U.S. Osteopathic Seniors
*Orthopaedic Surgery***



**Graph
ORS-2**

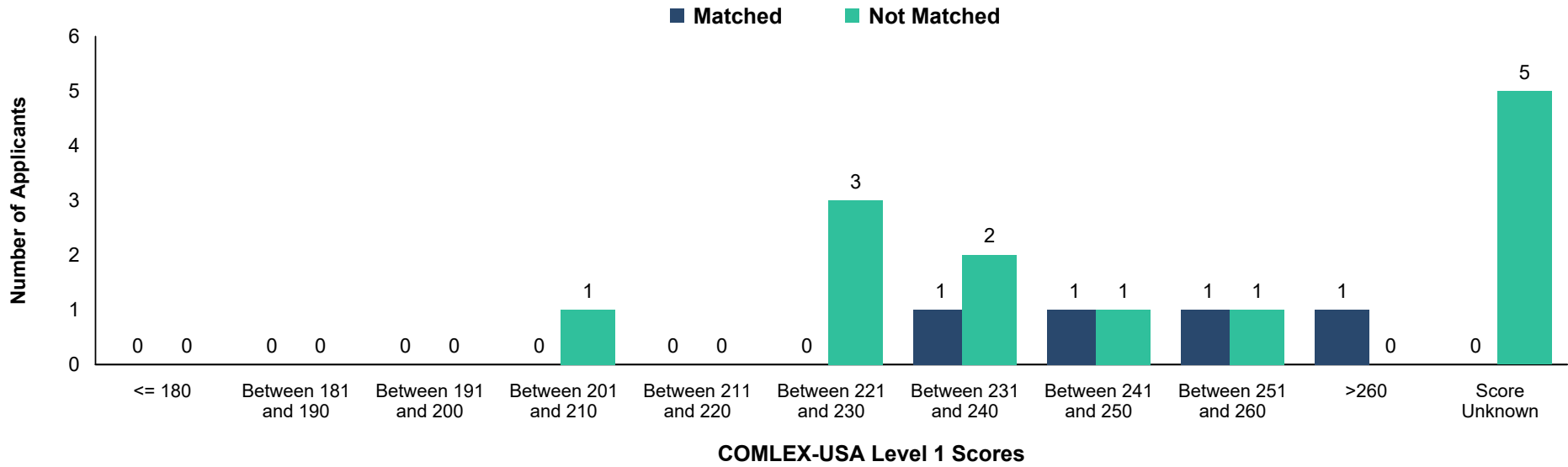
Probability of U.S. Osteopathic Seniors Matching to Preferred Specialty by COMLEX-USA Level 1 Score
Orthopaedic Surgery



*Note: Probabilities calculated based on 2016-2018 applicants.
Sources: NRMP Data Warehouse; 2016 COMLEX-USA scores provided by NBOME.*

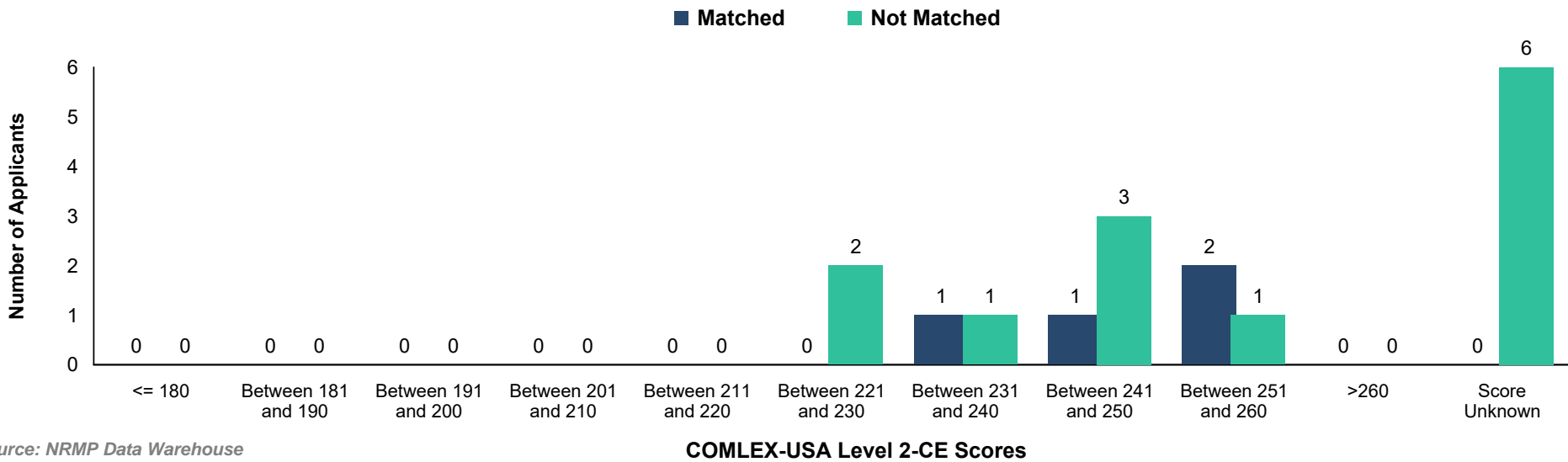
**Chart
ORS-5**

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



**Chart
ORS-6**

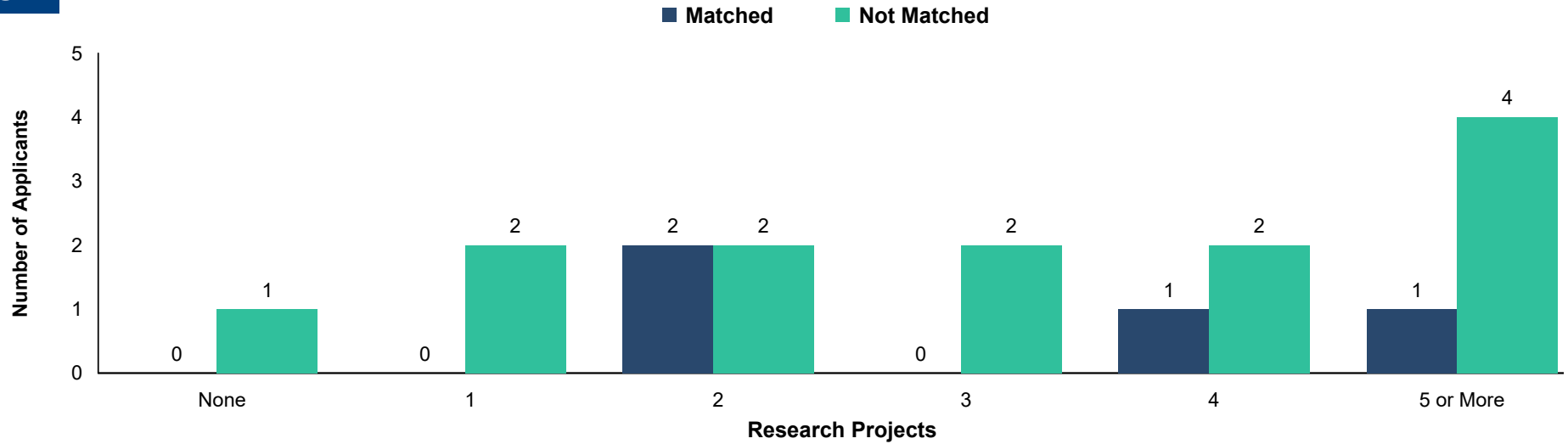
**USMLE Step 2 CK Scores of U.S. Osteopathic Seniors
*Orthopaedic Surgery***



Source: NRMP Data Warehouse

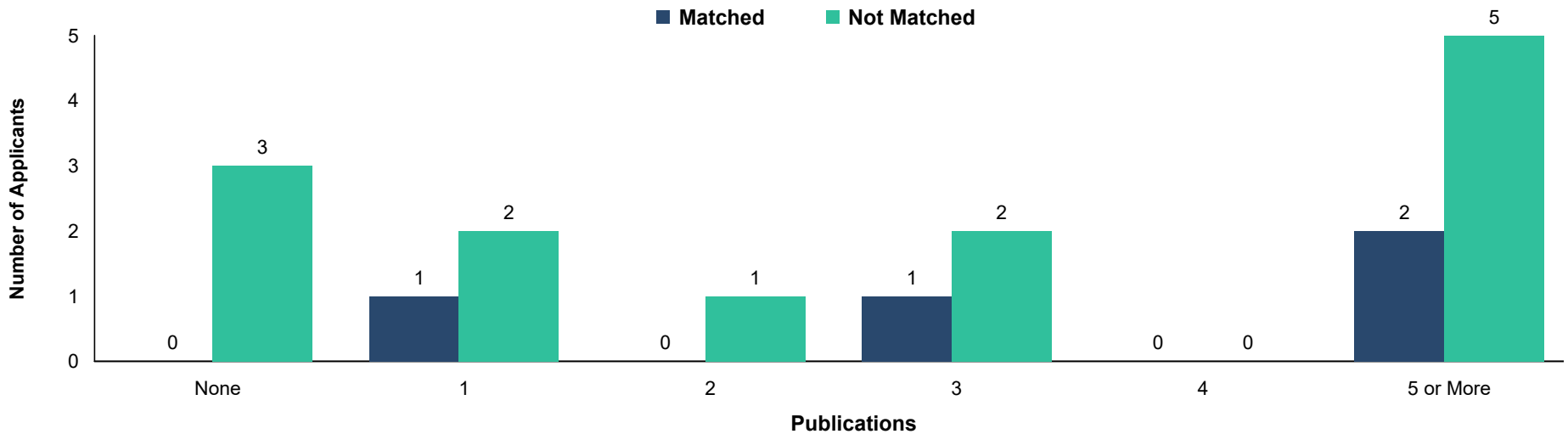
**Chart
ORS-7**

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



**Chart
ORS-8**

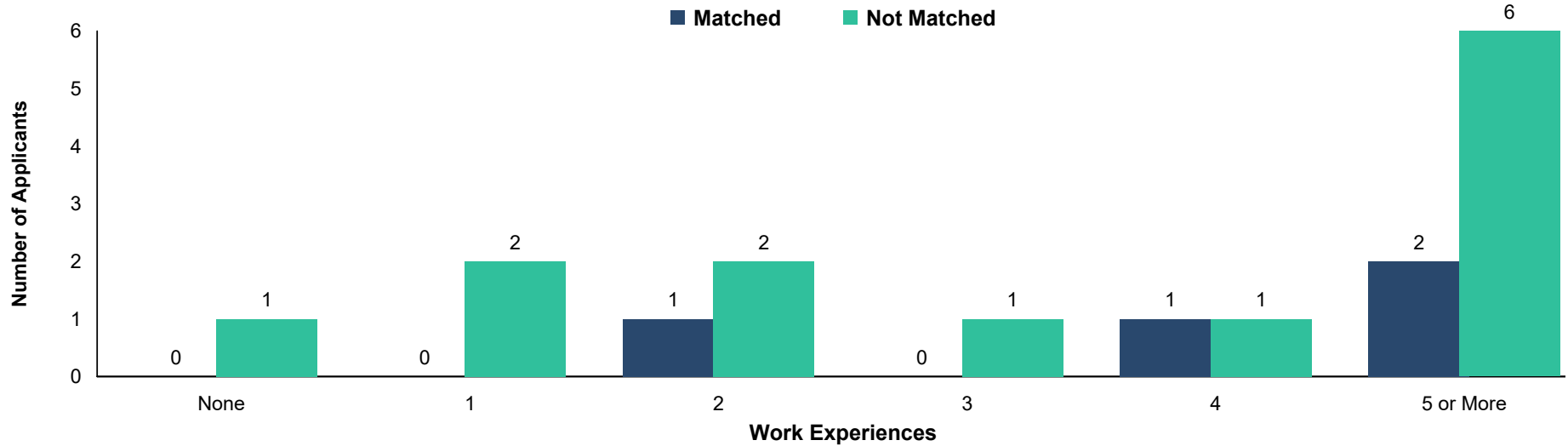
**Number of Abstracts, Presentations, and Publications of U.S. Osteopathic Seniors
Orthopaedic Surgery**



Source: NRMP Data Warehouse

**Chart
ORS-9**

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



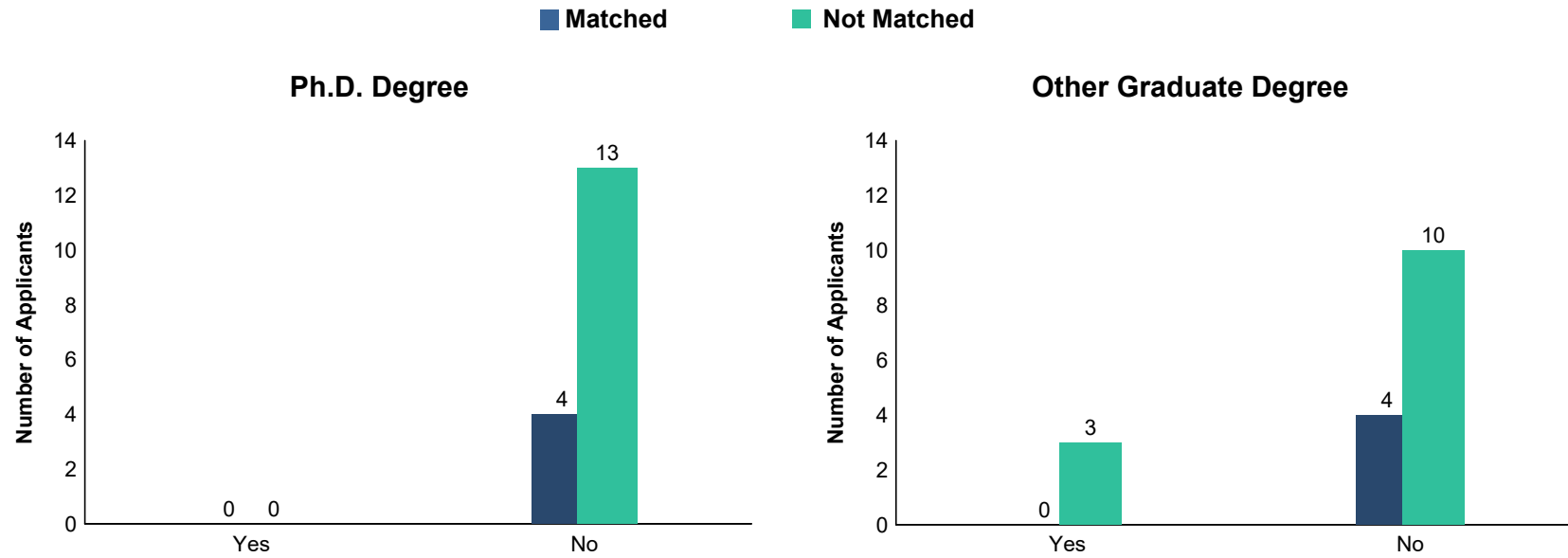
**Chart
ORS-10**

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



Source: NRMP Data Warehouse

Other Characteristics of U.S. Osteopathic Seniors
Orthopaedic Surgery



Source: NRMP Data Warehouse.

PTH Pathology

Table PTH-1 **Summary Statistics on U.S. Osteopathic Seniors**
Pathology

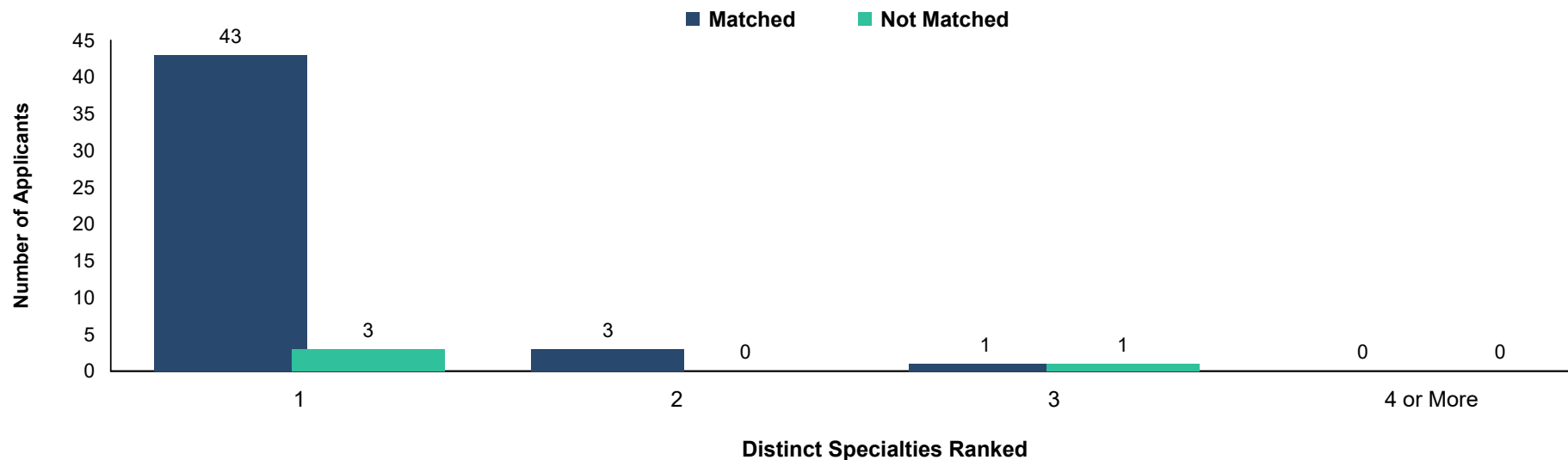
Measure	Matched (n=47)	Unmatched (n=4)
1. Mean number of contiguous ranks	10.0	10.0
2. Mean number of distinct specialties ranked	1.1	1.5
3. Mean COMLEX-USA Level 1 score	558	505
4. Mean COMLEX-USA Level 2-CE score	573	526
5. Mean USMLE Step 1 score	223	194
6. Mean USMLE Step 2 CK score	238	
7. Mean number of research experiences	1.9	0.0
8. Mean number of abstracts, presentations, and publications	3.6	1.5
9. Mean number of work experiences	3.4	3.0
10. Mean number of volunteer experiences	4.8	4.5
11. Percentage who have a Ph.D. degree	0.0	0.0
12. Percentage who have another graduate degree	34.1	50.0

Source: NRMP Data Warehouse.

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

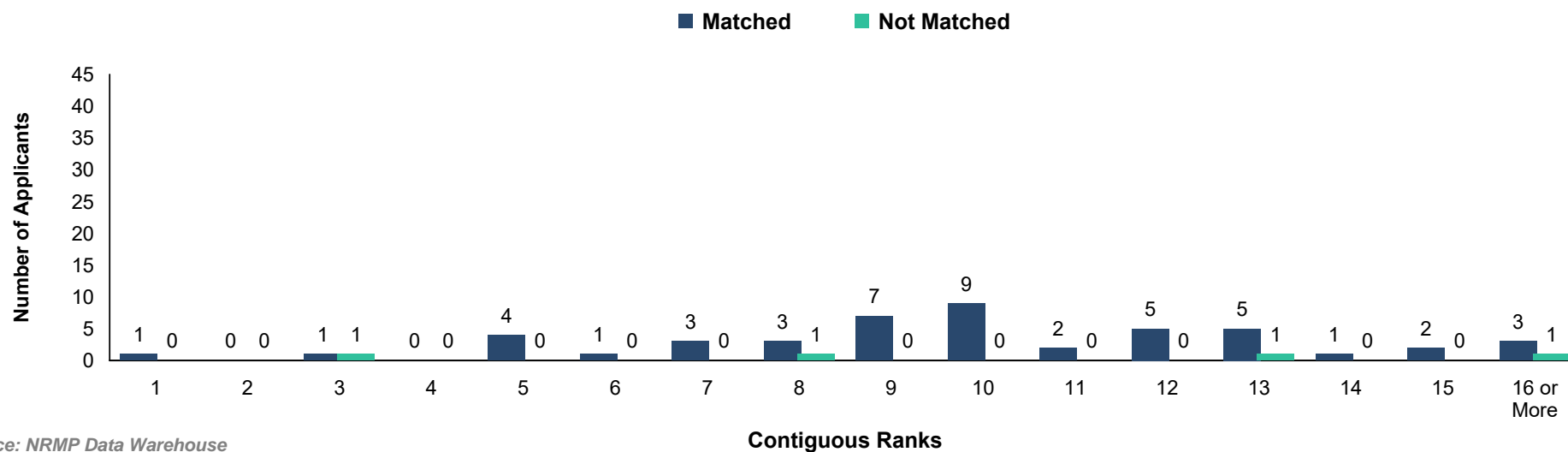
**Chart
PTH-1**

Number of Distinct Specialties Ranked by U.S. Osteopathic Seniors
Pathology



**Chart
PTH-2**

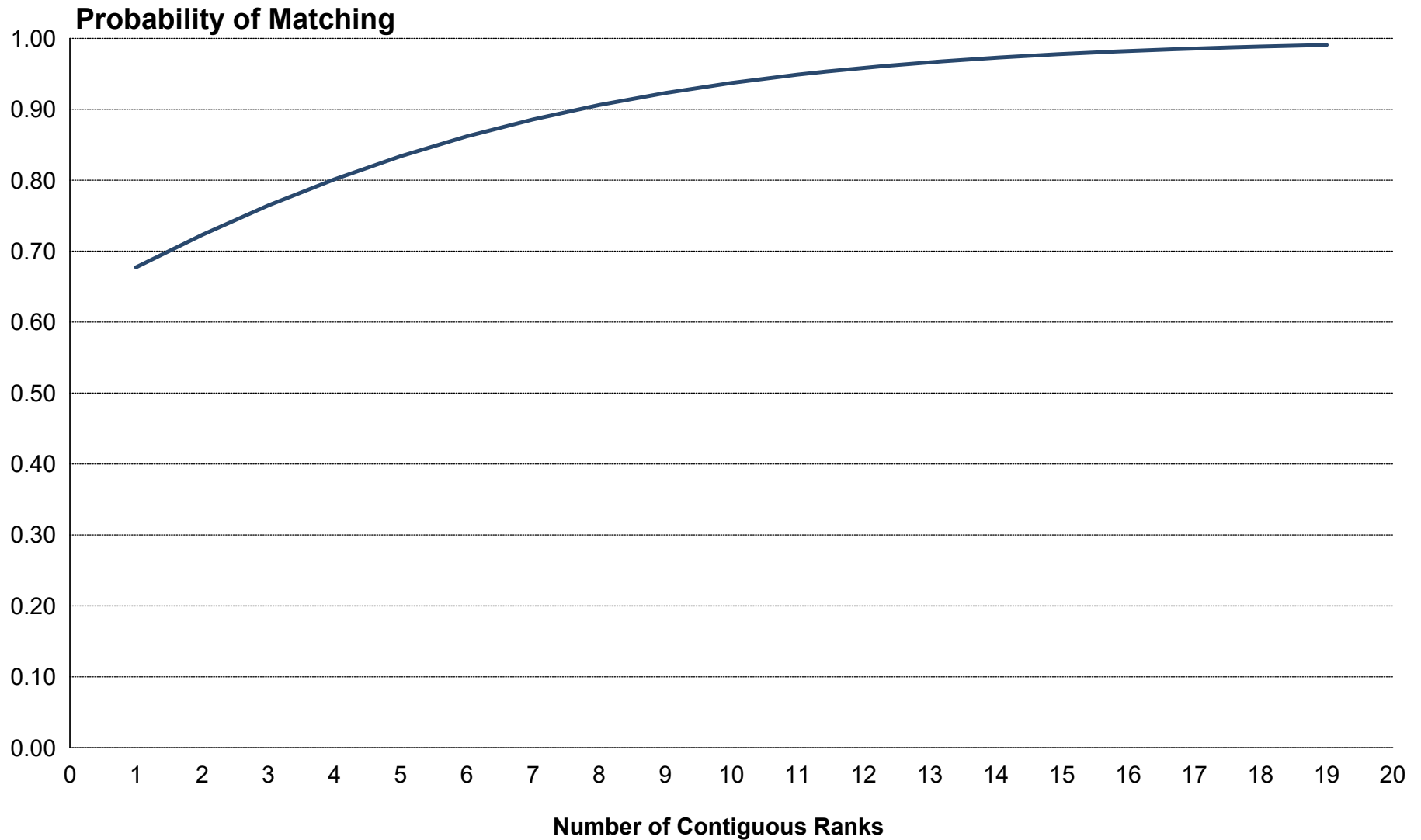
Number of Contiguous Ranks of U.S. Osteopathic Seniors
Pathology



Source: NRMP Data Warehouse

**Graph
PTH-1**

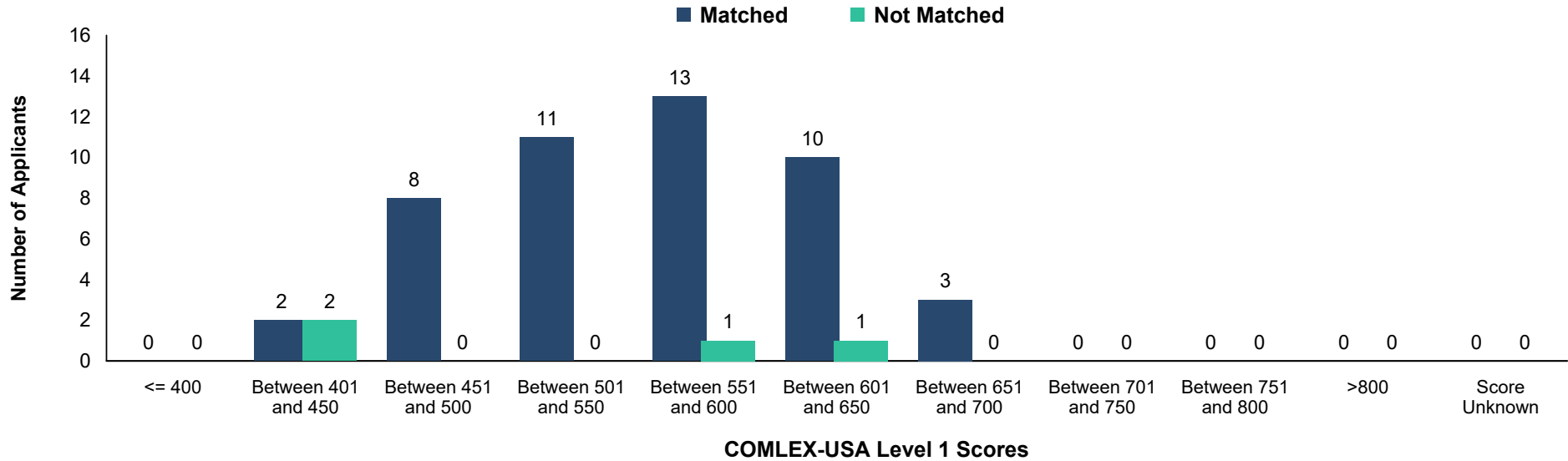
Probability of U.S. Osteopathic Seniors Matching to Preferred Specialty by Number of Contiguous Ranks
Pathology



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2016-2018 applicants.

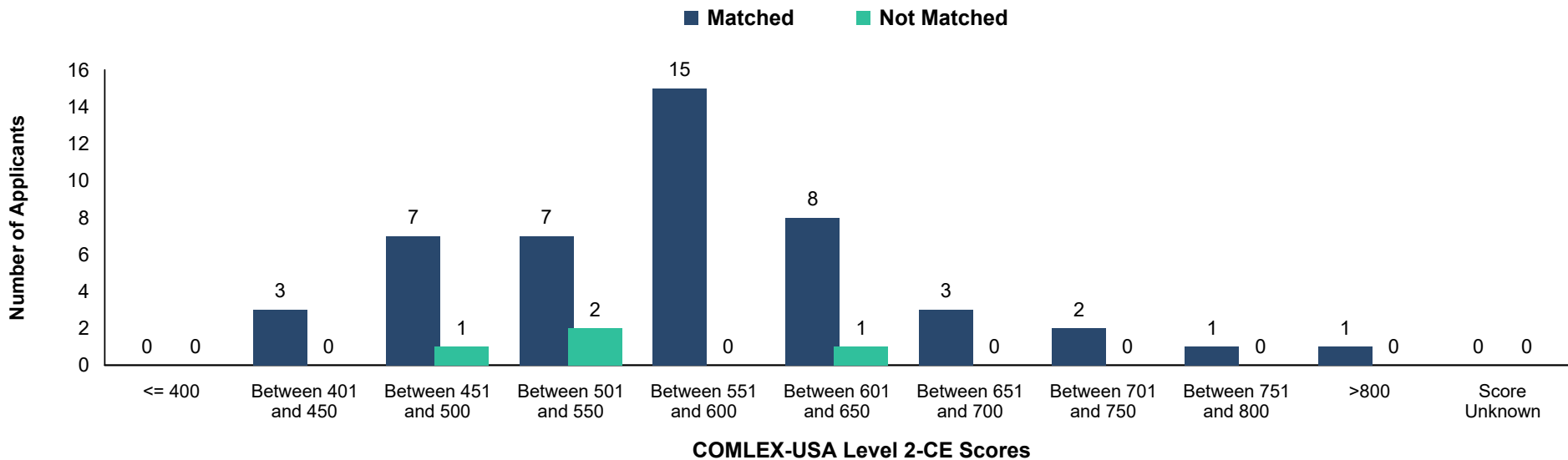
**Chart
PTH-3**

**COMLEX-USA Level 1 Scores of U.S. Osteopathic Seniors
Pathology**



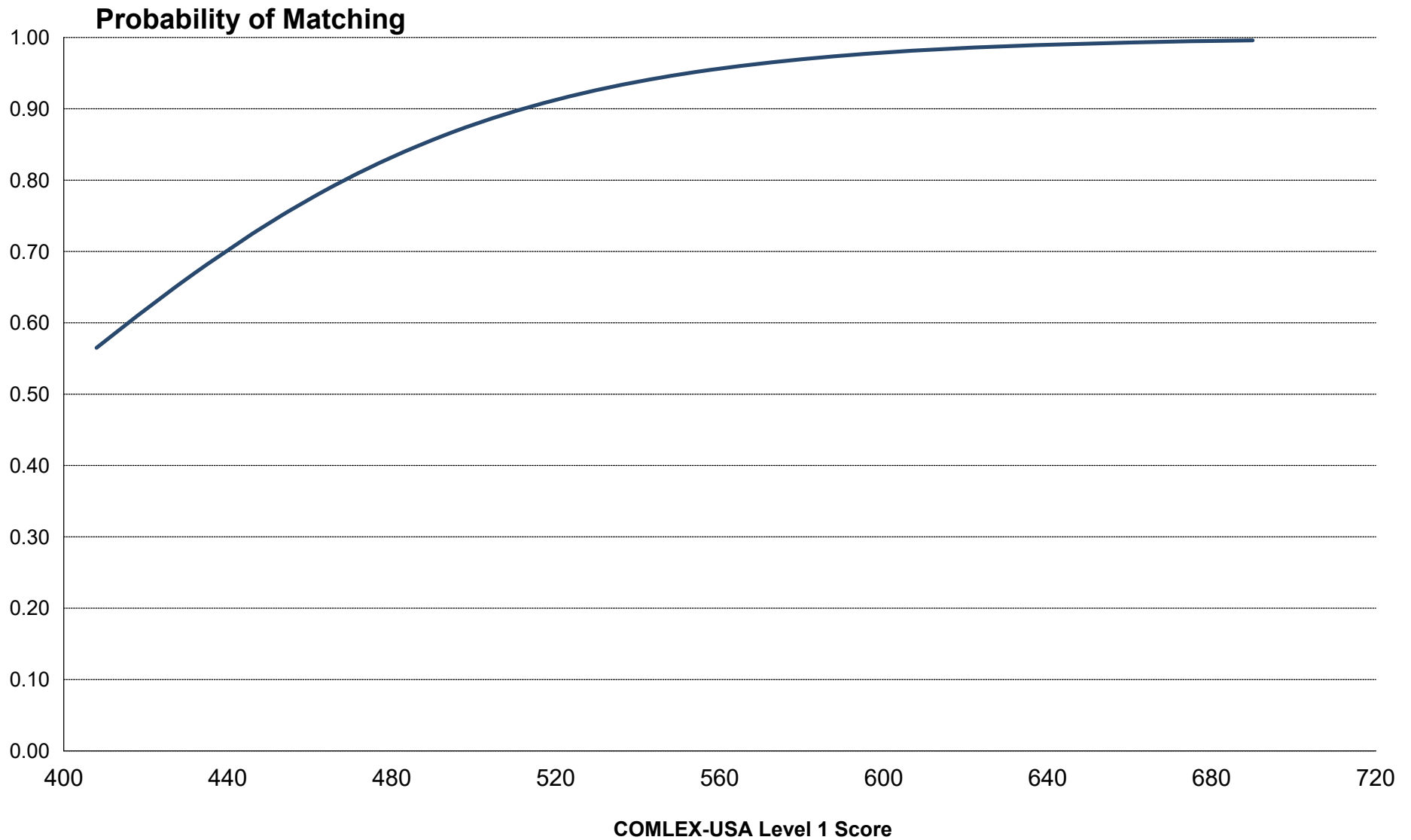
**Chart
PTH-4**

**COMLEX-USA Level 2-CE Scores of U.S. Osteopathic Seniors
Pathology**



**Graph
PTH-2**

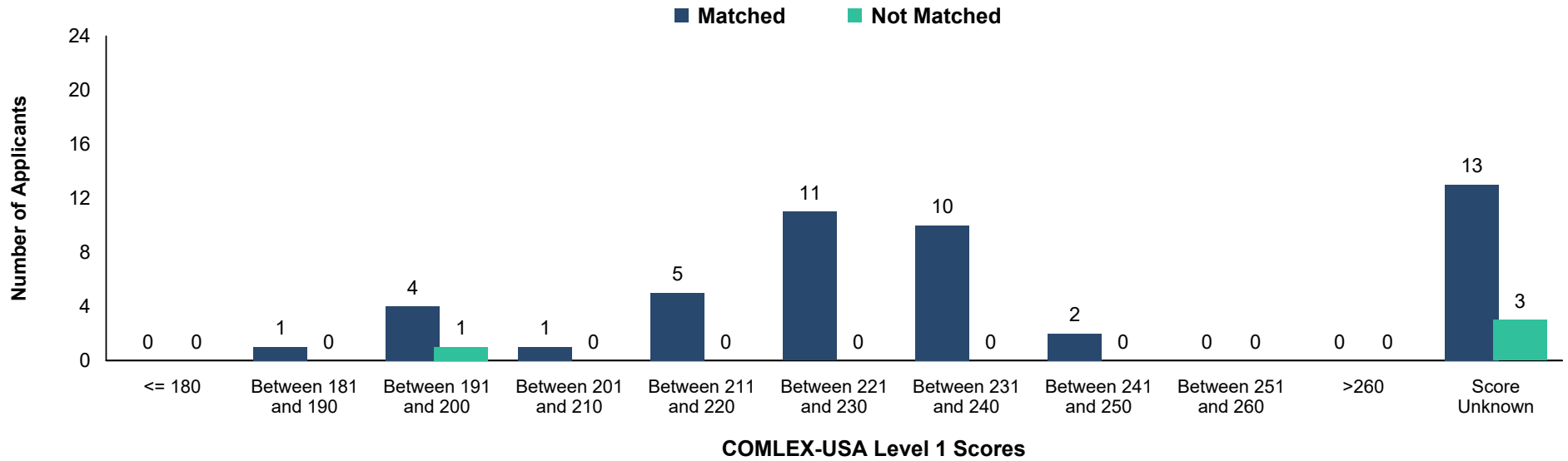
Probability of U.S. Osteopathic Seniors Matching to Preferred Specialty by COMLEX-USA Level 1 Score
Pathology



*Note: Probabilities calculated based on 2016-2018 applicants.
Sources: NRMP Data Warehouse; 2016 COMLEX-USA scores provided by NBOME.*

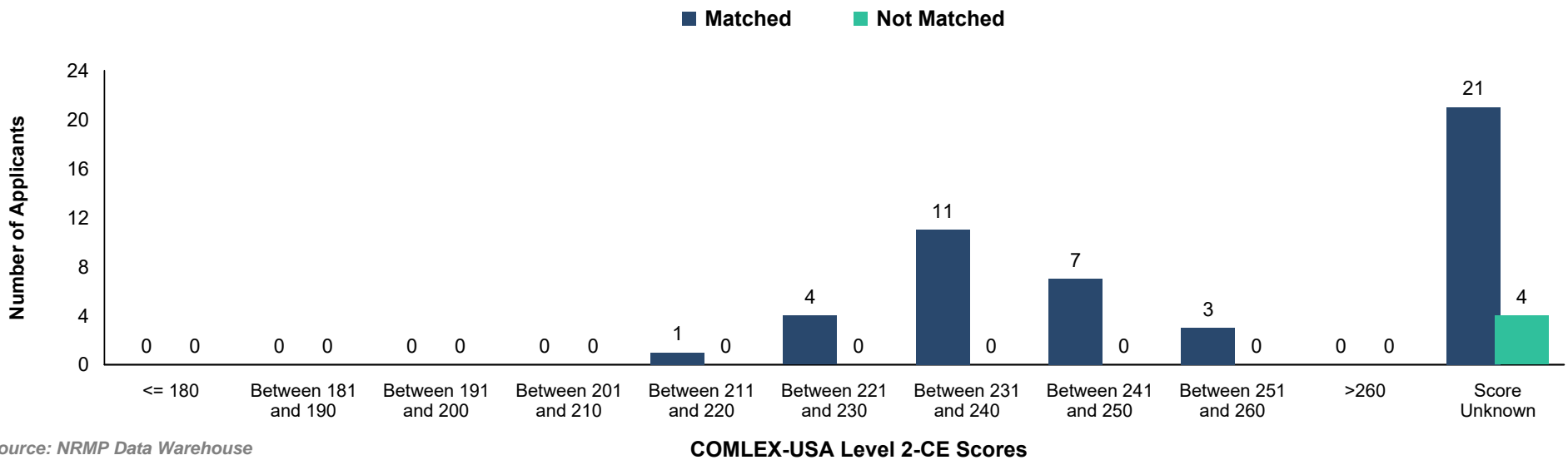
**Chart
PTH-5**

**USMLE Step 1 Scores of U.S. Osteopathic Seniors
Pathology**



**Chart
PTH-6**

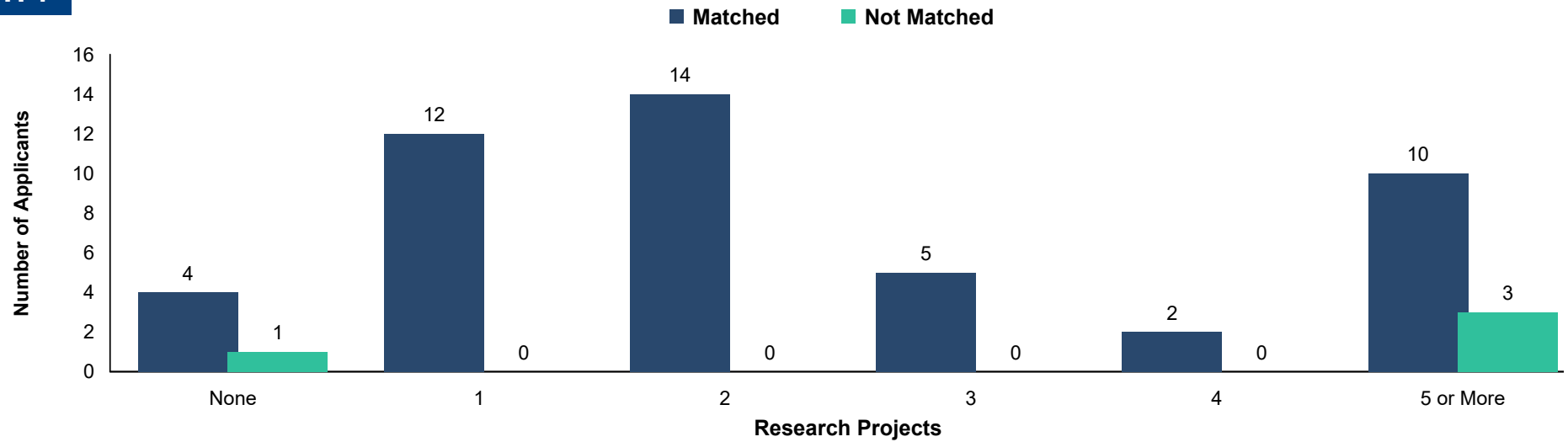
**USMLE Step 2 CK Scores of U.S. Osteopathic Seniors
Pathology**



Source: NRMP Data Warehouse

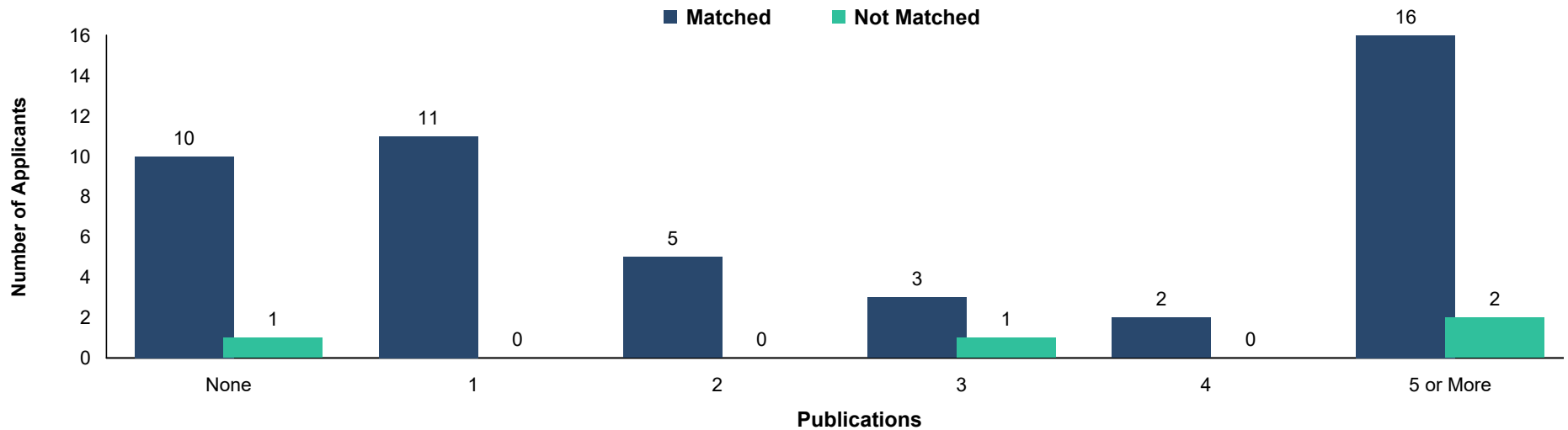
**Chart
PTH-7**

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



**Chart
PTH-8**

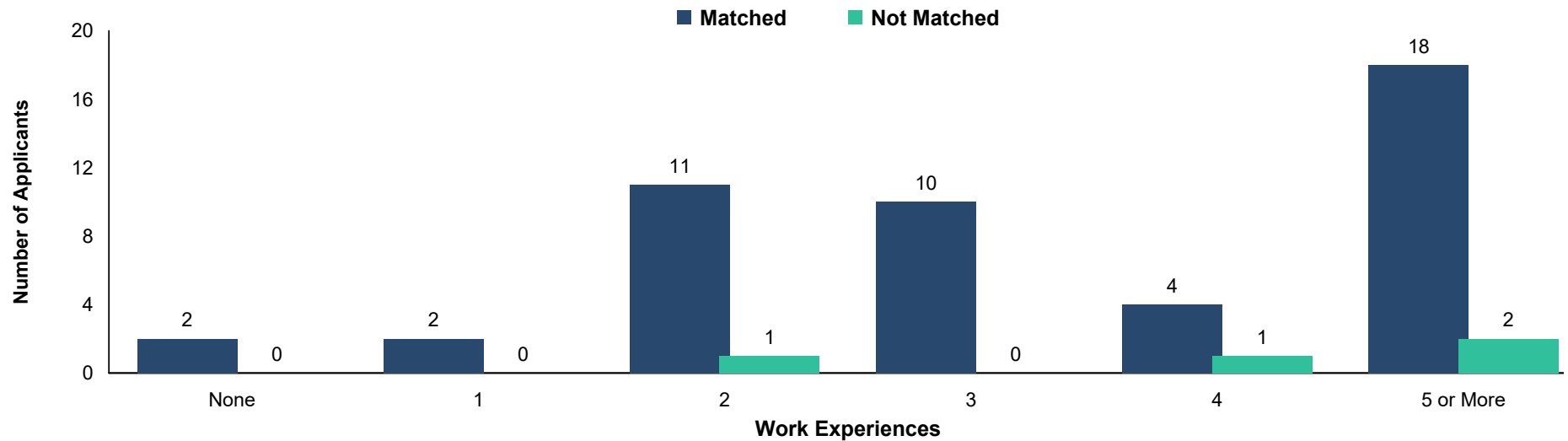
**Number of Abstracts, Presentations, and Publications of U.S. Osteopathic Seniors
Pathology**



Source: NRMP Data Warehouse

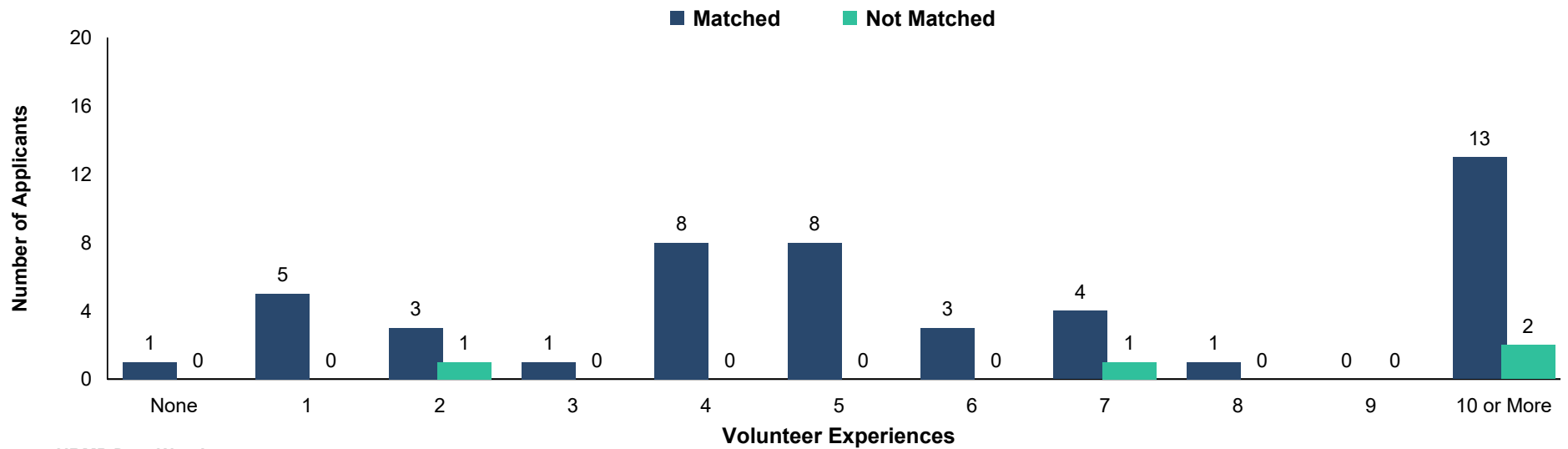
**Chart
PTH-9**

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



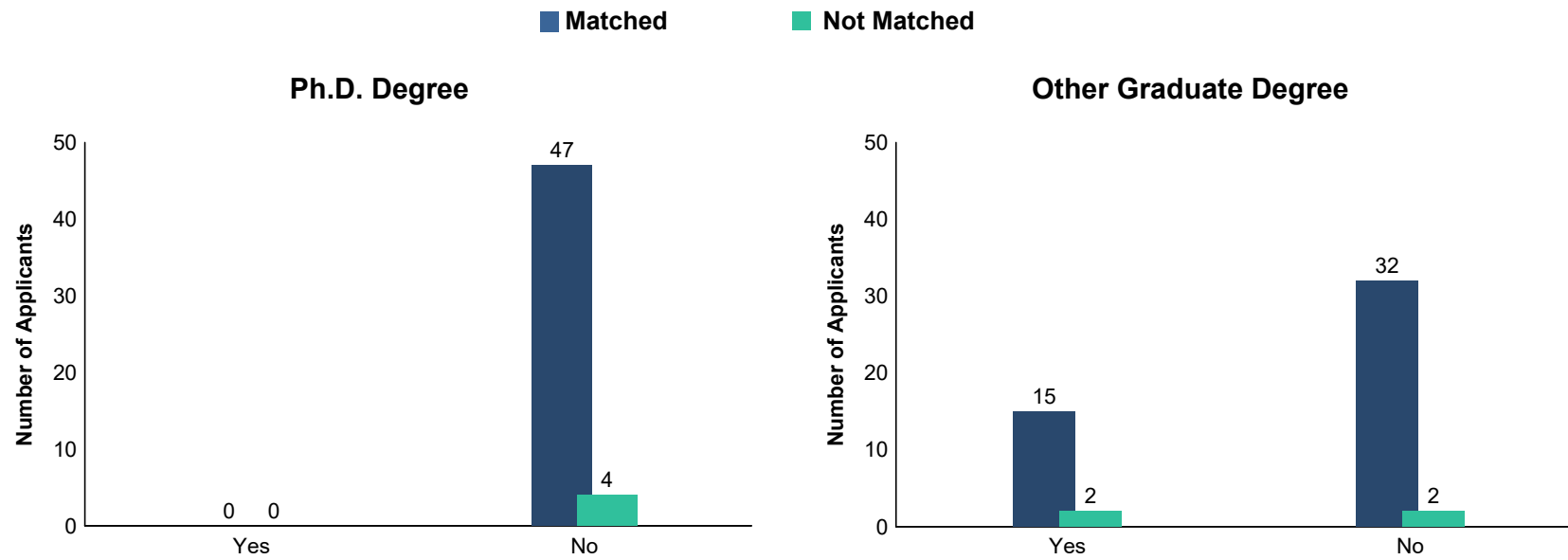
**Chart
PTH-10**

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



Source: NRMP Data Warehouse

Other Characteristics of U.S. Osteopathic Seniors
Pathology



Source: NRMP Data Warehouse.

PD **Pediatrics**

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

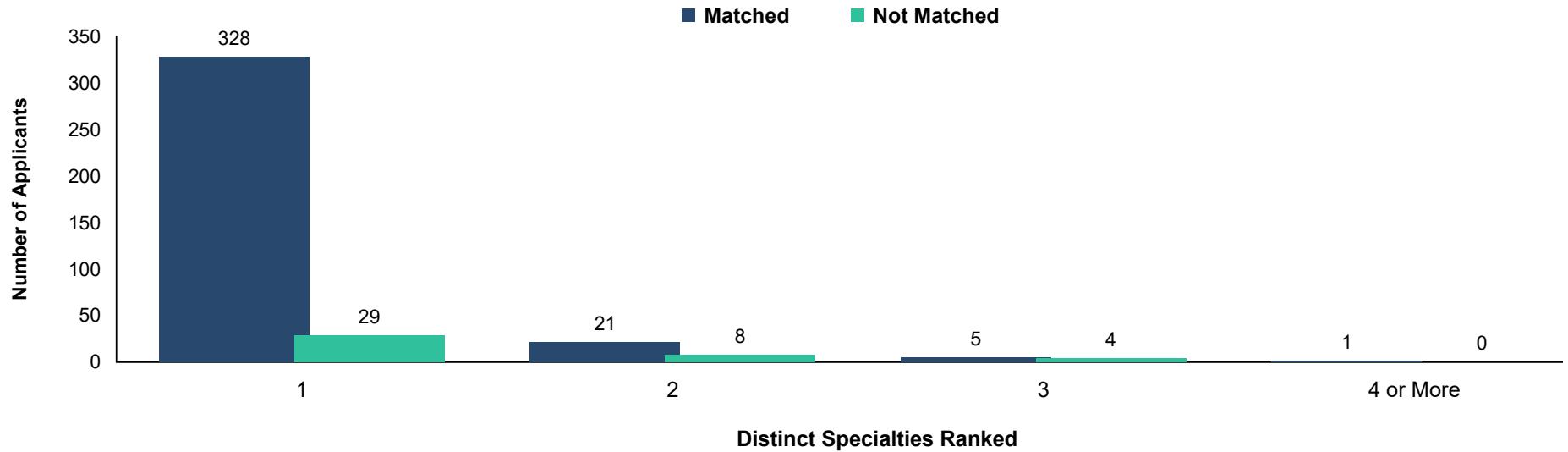
Measure	Matched (n=355)	Unmatched (n=41)
1. Mean number of contiguous ranks	10.1	3.5
2. Mean number of distinct specialties ranked	1.1	1.4
3. Mean COMLEX-USA Level 1 score	526	465
4. Mean COMLEX-USA Level 2-CE score	564	472
5. Mean USMLE Step 1 score	223	215
6. Mean USMLE Step 2 CK score	239	227
7. Mean number of research experiences	1.6	1.7
8. Mean number of abstracts, presentations, and publications	2.4	2.0
9. Mean number of work experiences	3.0	2.6
10. Mean number of volunteer experiences	7.9	9.1
11. Percentage who have a Ph.D. degree	0.0	0.0
12. Percentage who have another graduate degree	20.8	26.5

Source: NRMP Data Warehouse.

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

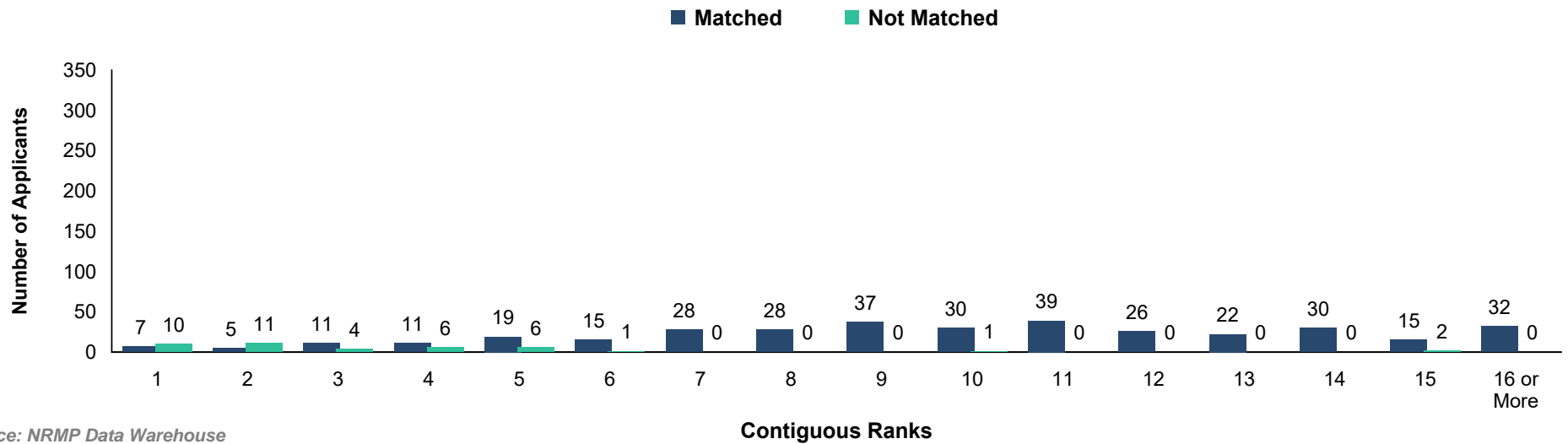
**Chart
PD-1**

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



**Chart
PD-2**

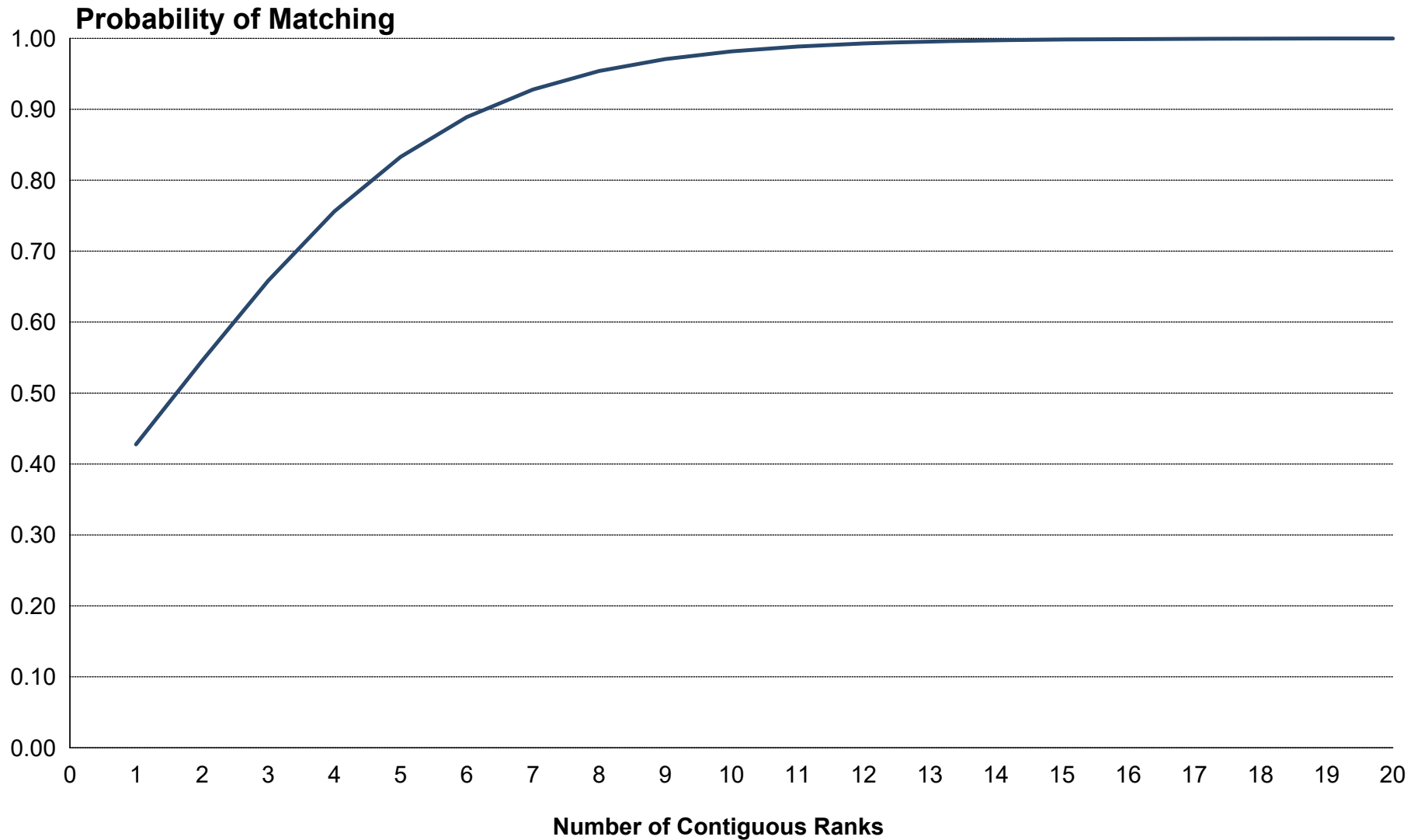
**Number of Contiguous Ranks of U.S. Osteopathic Seniors
*Pediatrics***



Source: NRMP Data Warehouse

**Graph
PD-1**

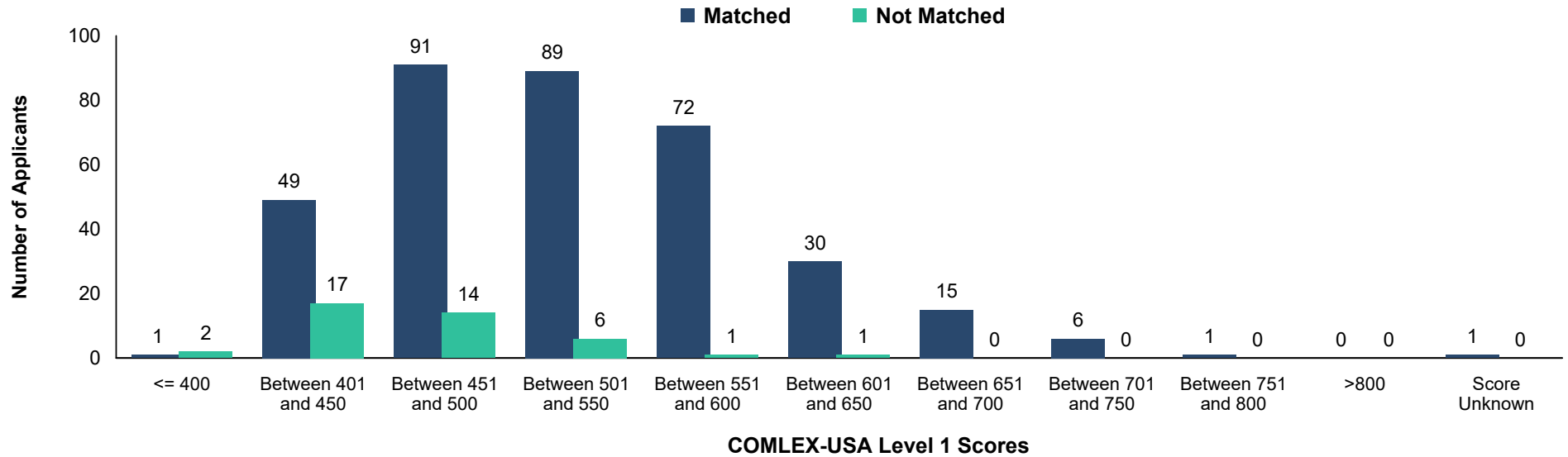
Probability of U.S. Osteopathic Seniors Matching to Preferred Specialty by Number of Contiguous Ranks
Pediatrics



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2016-2018 applicants.

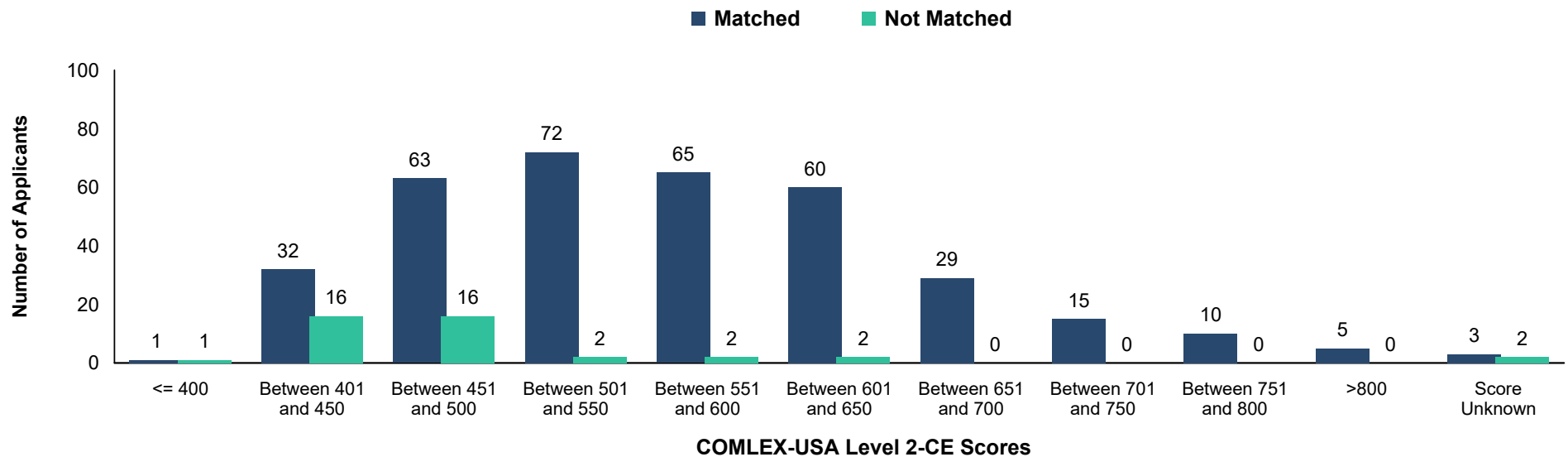
**Chart
PD-3**

**COMLEX-USA Level 1 Scores of U.S. Osteopathic Seniors
*Pediatrics***



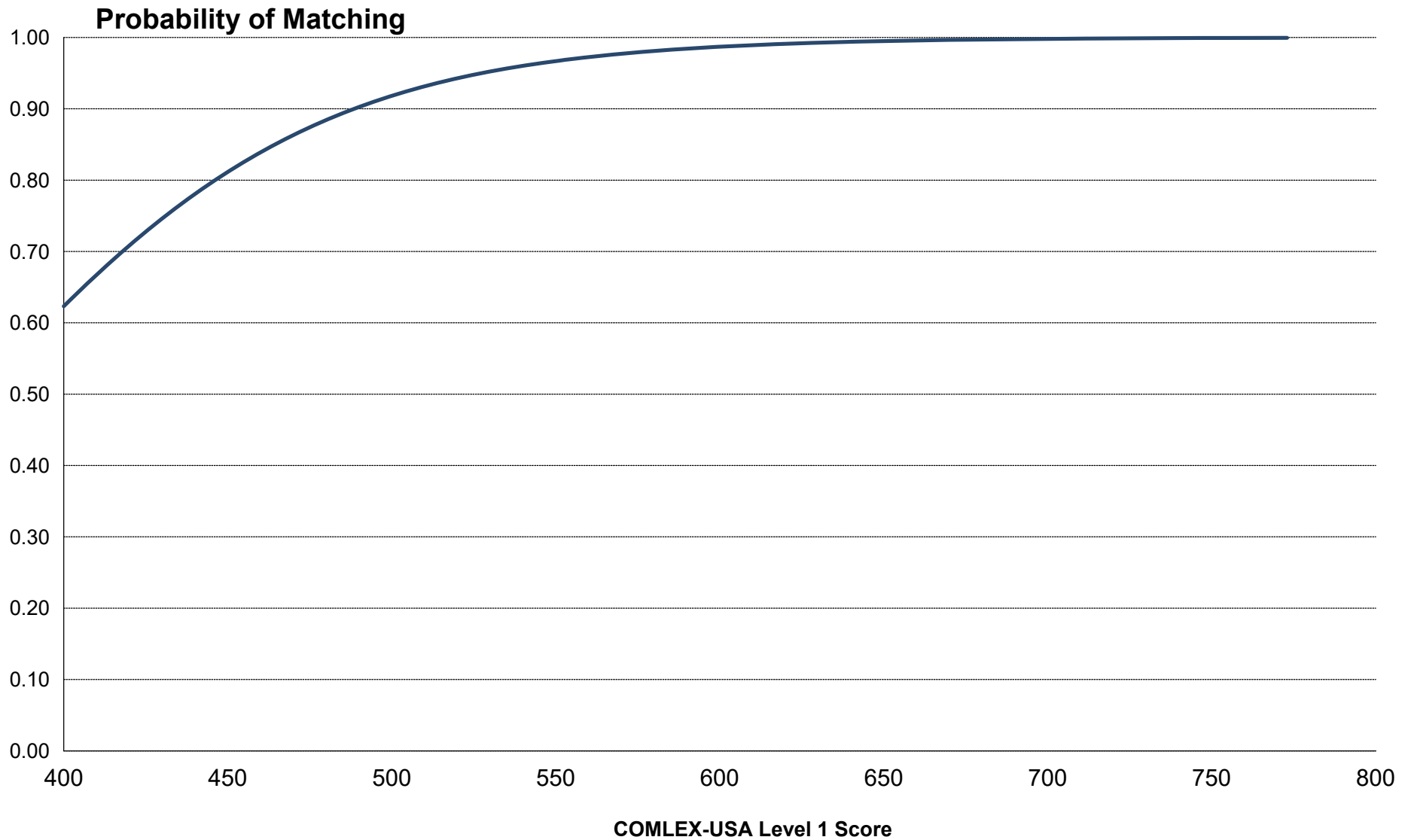
**Chart
PD-4**

**COMLEX-USA Level 2-CE Scores of U.S. Osteopathic Seniors
*Pediatrics***



**Graph
PD-2**

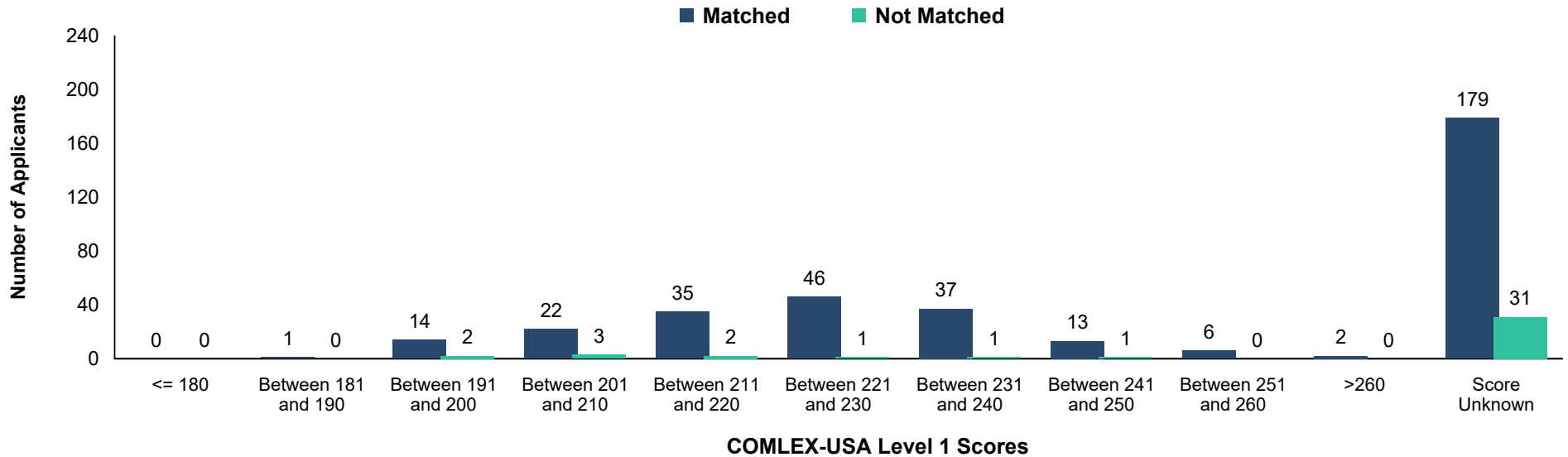
Probability of U.S. Osteopathic Seniors Matching to Preferred Specialty by COMLEX-USA Level 1 Score
Pediatrics



*Note: Probabilities calculated based on 2016-2018 applicants.
Sources: NRMP Data Warehouse; 2016 COMLEX-USA scores provided by NBOME.*

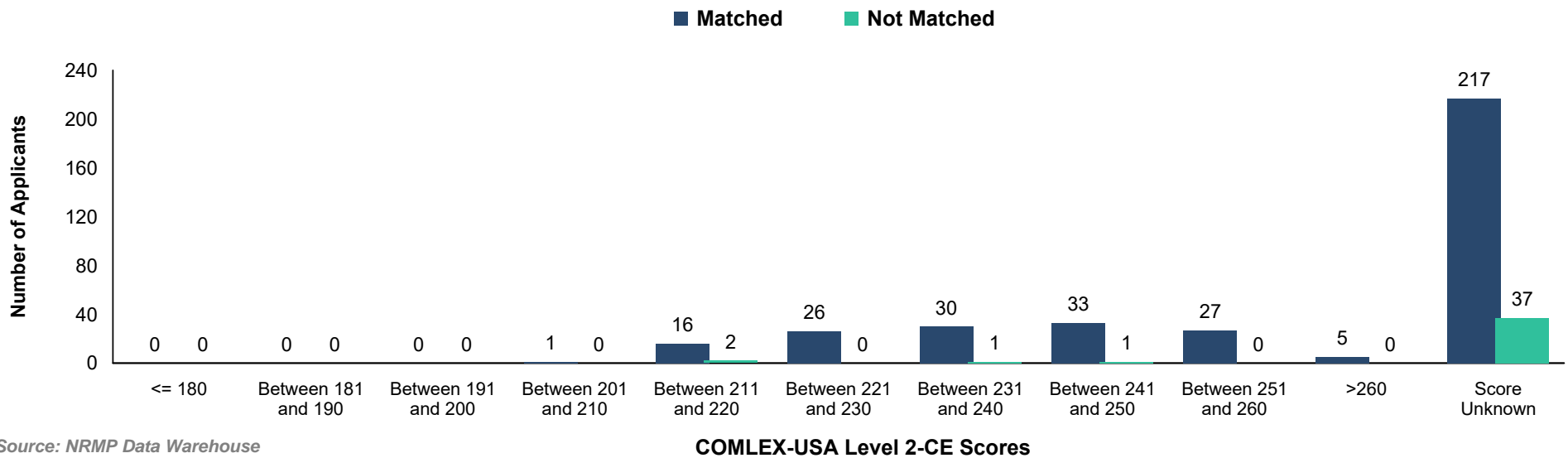
**Chart
PD-5**

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



**Chart
PD-6**

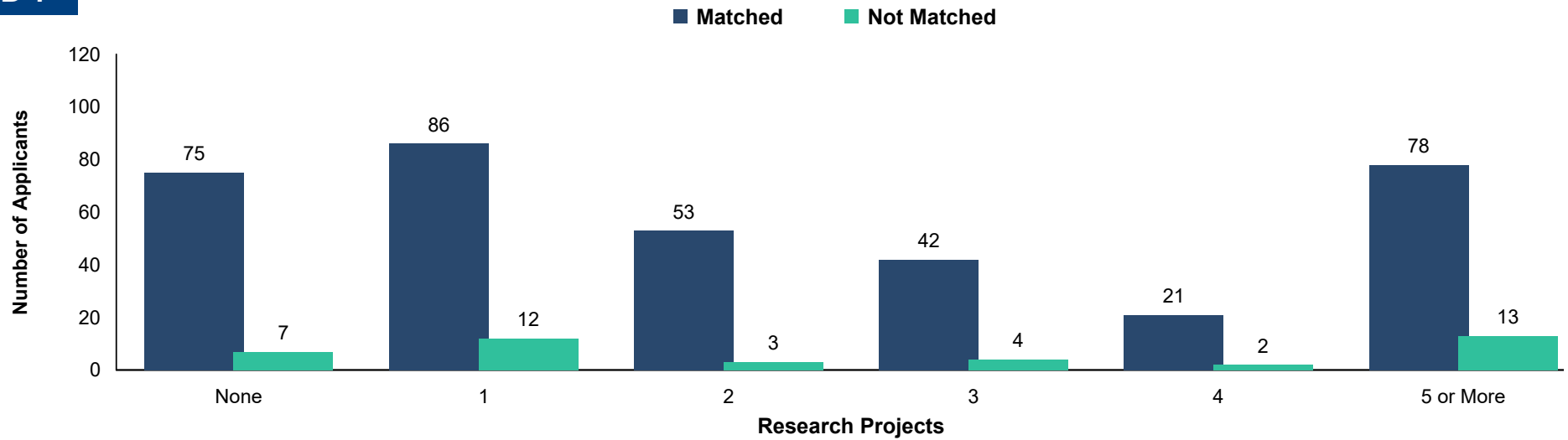
**USMLE Step 2 CK Scores of U.S. Osteopathic Seniors
*Pediatrics***



Source: NRMP Data Warehouse

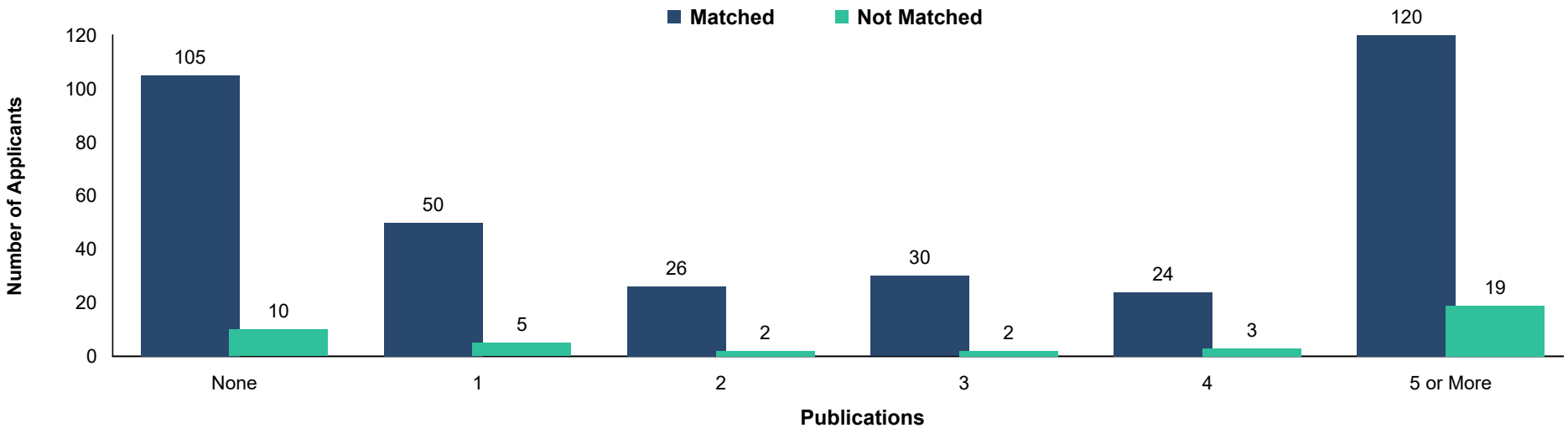
**Chart
PD-7**

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



**Chart
PD-8**

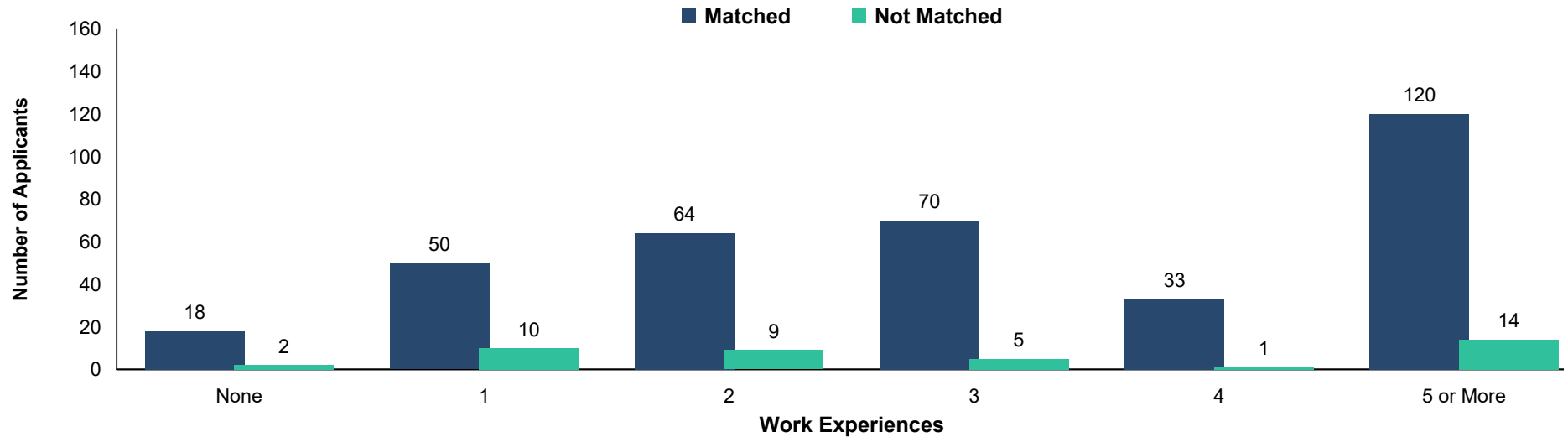
**Number of Abstracts, Presentations, and Publications of U.S. Osteopathic Seniors
*Pediatrics***



Source: NRMP Data Warehouse

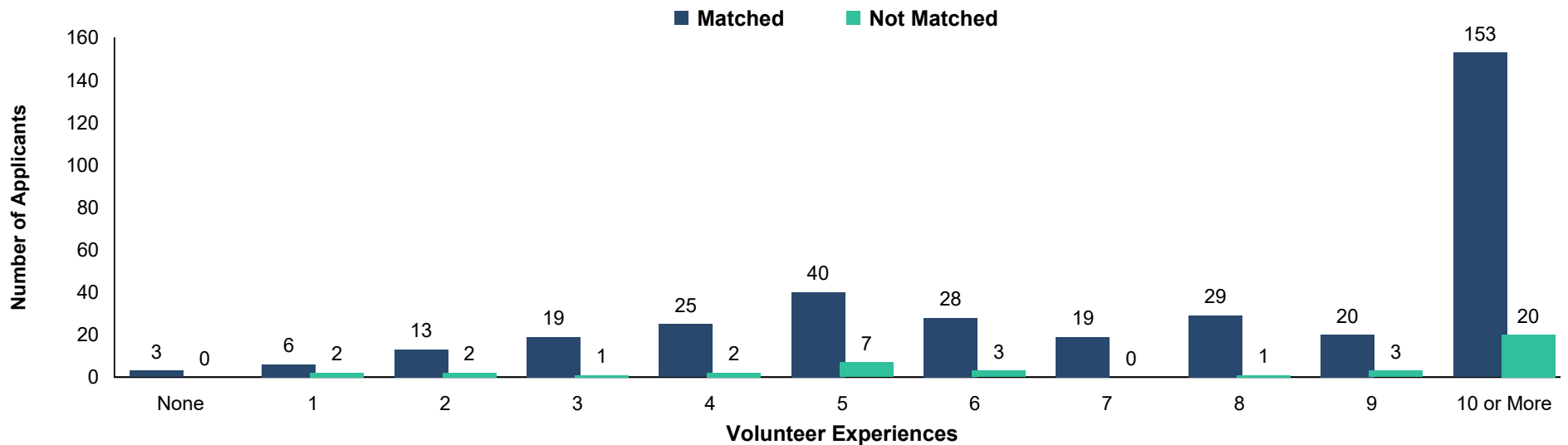
**Chart
PD-9**

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



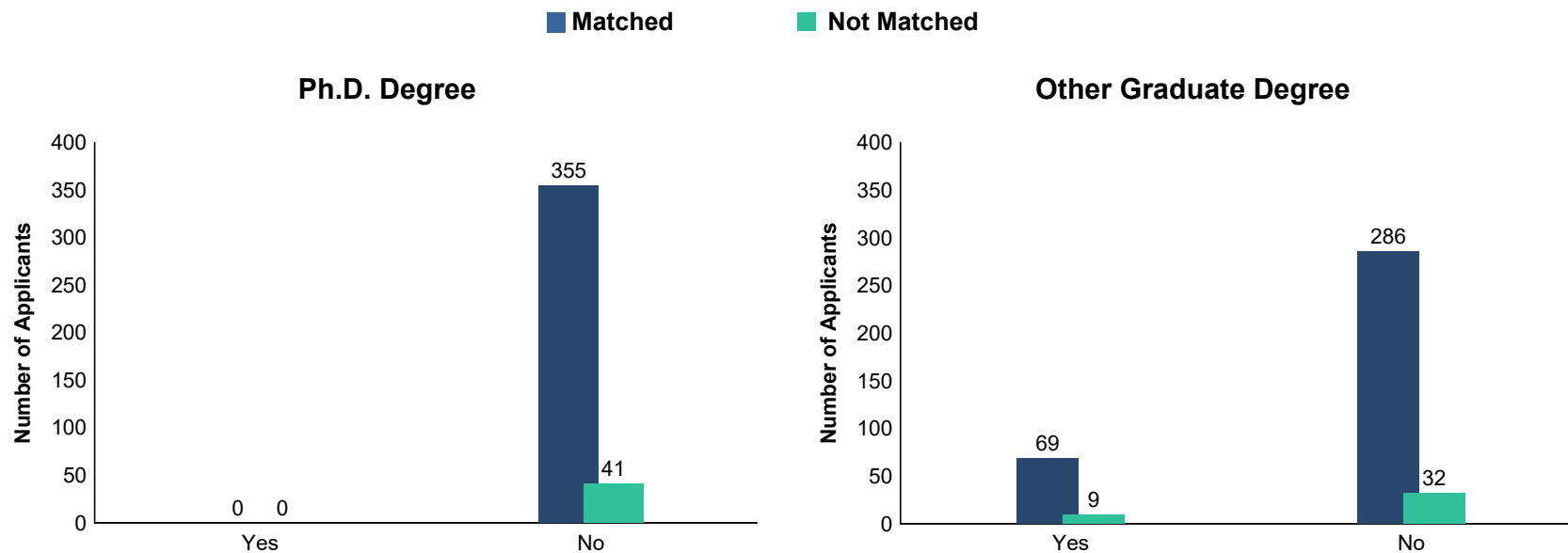
**Chart
PD-10**

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



Source: NRMP Data Warehouse

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



Source: NRMP Data Warehouse.

PM Physical Medicine and Rehabilitation

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

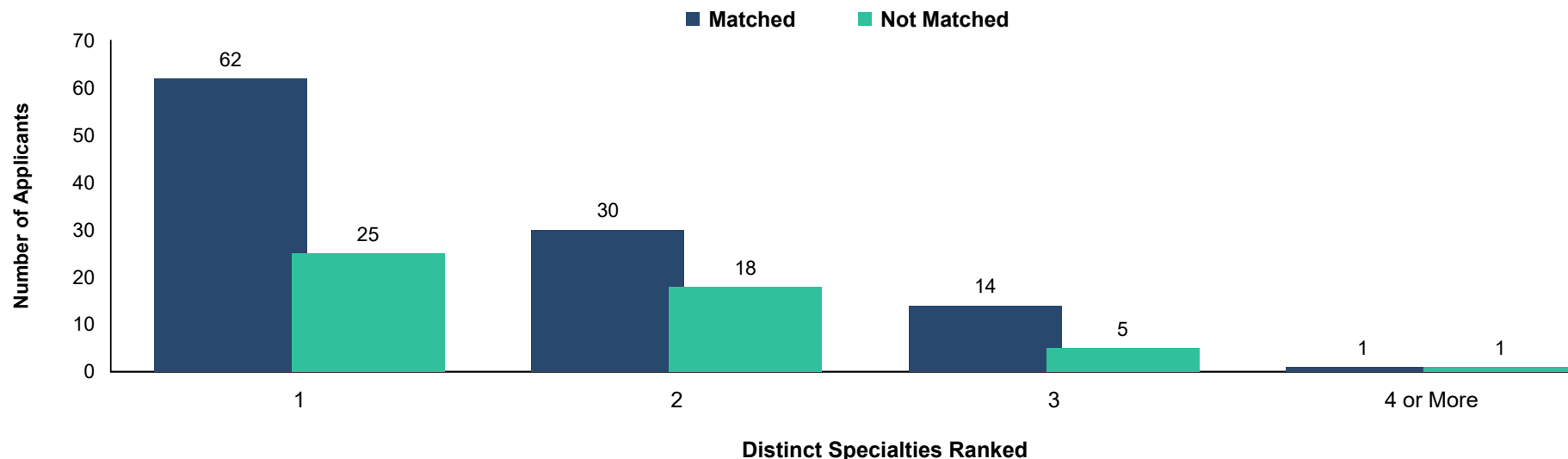
Measure	Matched (n=107)	Unmatched (n=50)
1. Mean number of contiguous ranks	11.2	5.8
2. Mean number of distinct specialties ranked	1.6	1.7
3. Mean COMLEX-USA Level 1 score	535	486
4. Mean COMLEX-USA Level 2-CE score	568	493
5. Mean USMLE Step 1 score	223	210
6. Mean USMLE Step 2 CK score	235	228
7. Mean number of research experiences	2.2	1.3
8. Mean number of abstracts, presentations, and publications	3.1	1.8
9. Mean number of work experiences	3.4	2.9
10. Mean number of volunteer experiences	7.2	6.7
11. Percentage who have a Ph.D. degree	0.0	0.0
12. Percentage who have another graduate degree	17.5	36.4

Source: NRMP Data Warehouse.

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

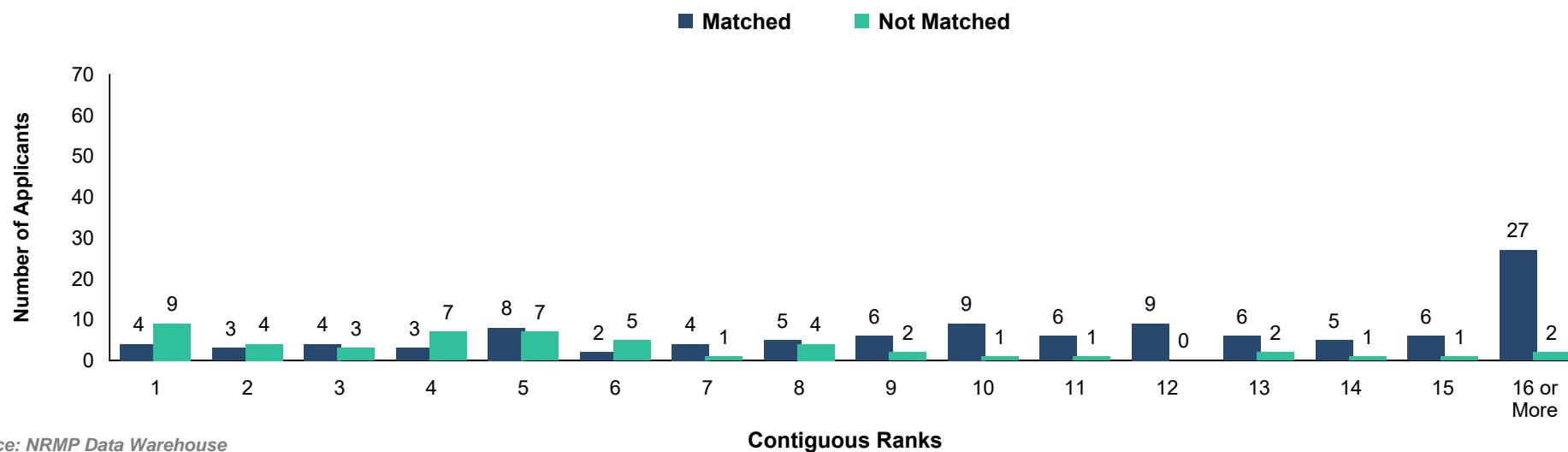
**Chart
PM-1**

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



**Chart
PM-2**

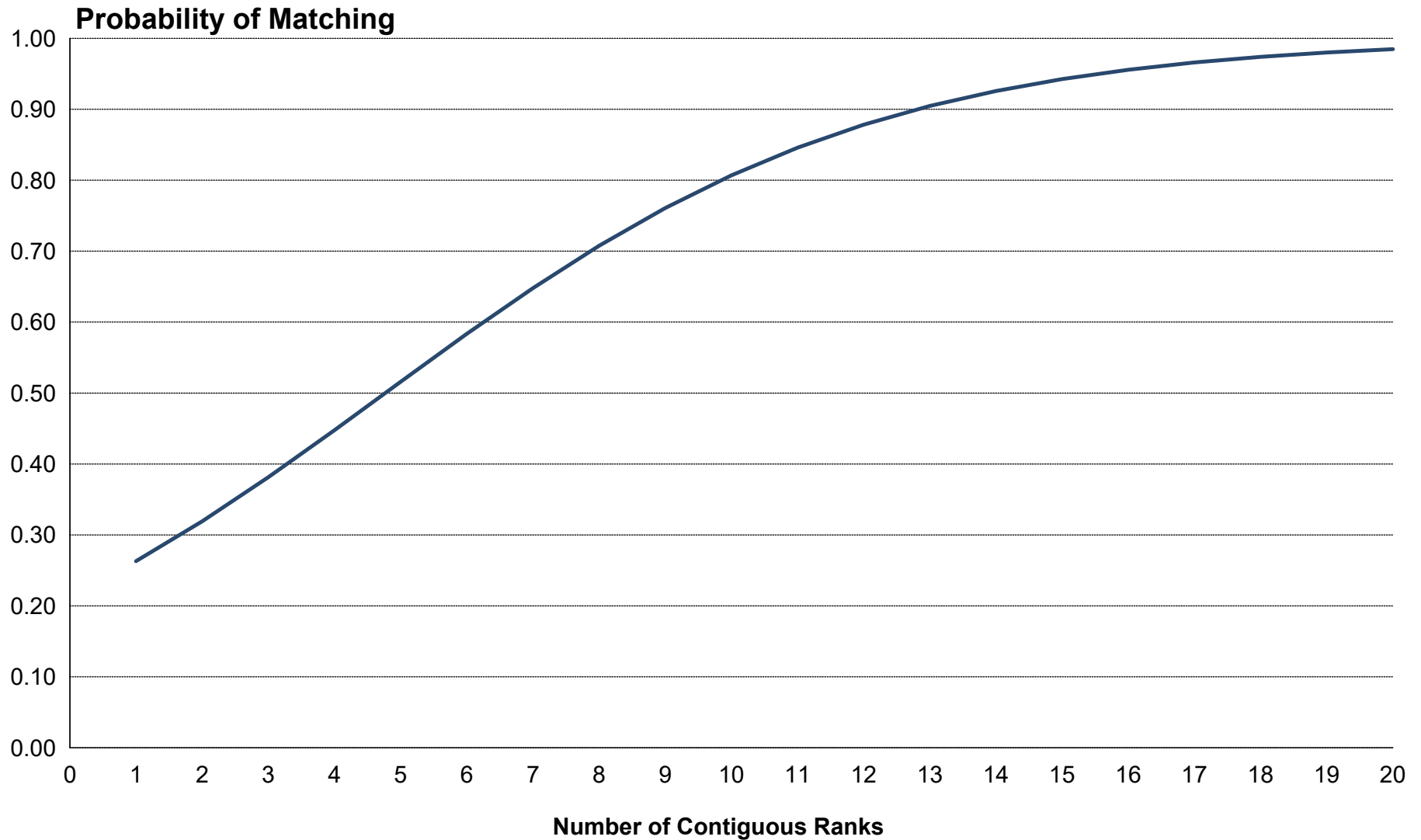
**Number of Contiguous Ranks of U.S. Osteopathic Seniors
*Physical Medicine and Rehabilitation***



Source: NRMP Data Warehouse

**Graph
PM-1**

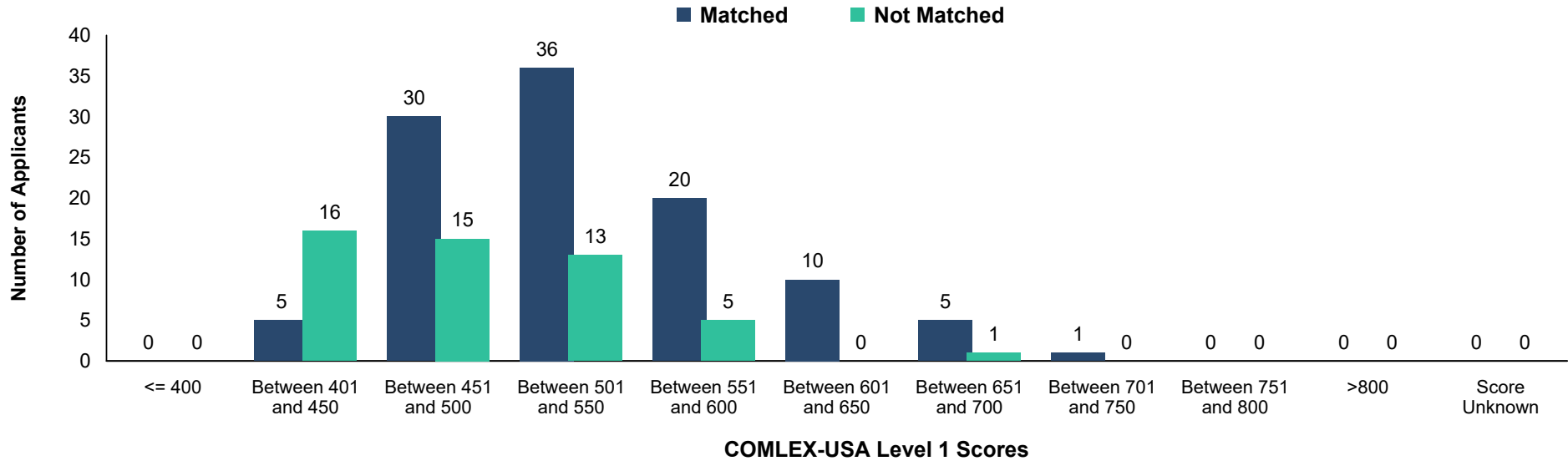
Probability of U.S. Osteopathic Seniors Matching to Preferred Specialty by Number of Contiguous Ranks
Physical Medicine and Rehabilitation



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2016-2018 applicants.

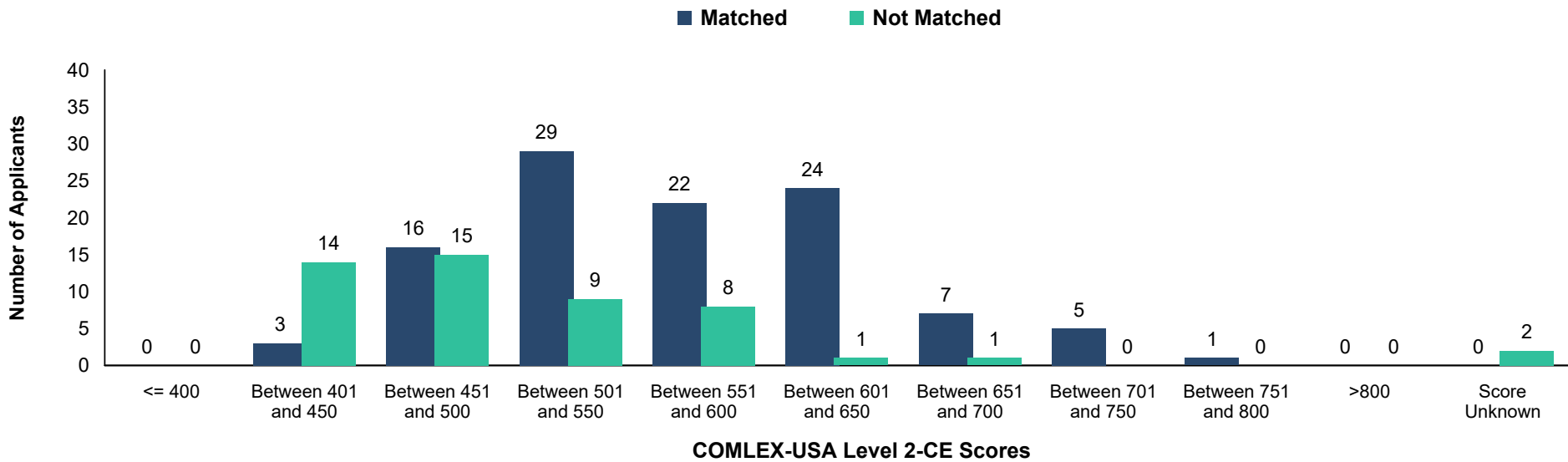
**Chart
PM-3**

COMLEX-USA Level 1 Scores of U.S. Osteopathic Seniors
Physical Medicine and Rehabilitation



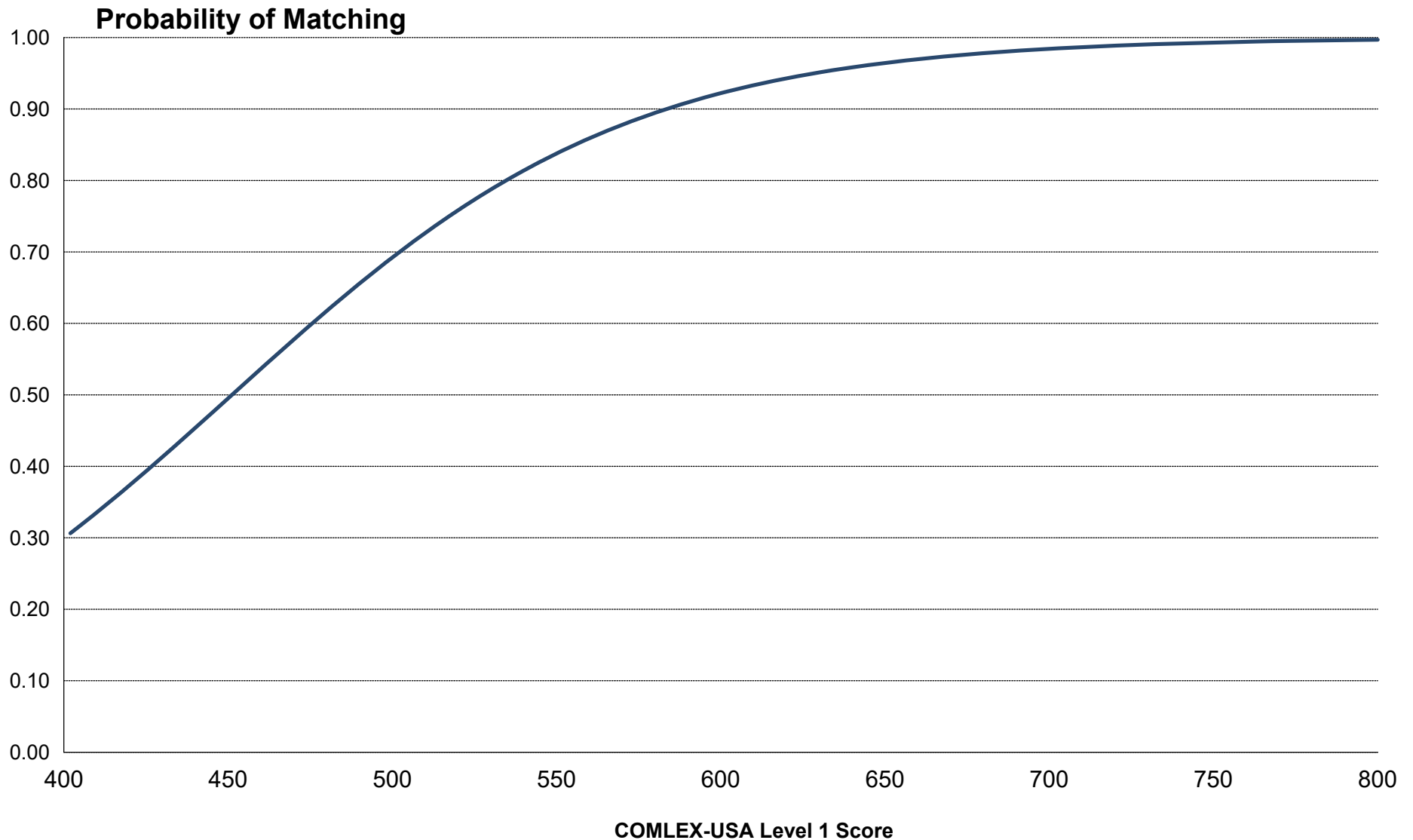
**Chart
PM-4**

COMLEX-USA Level 2-CE Scores of U.S. Osteopathic Seniors
Physical Medicine and Rehabilitation



**Graph
PM-2**

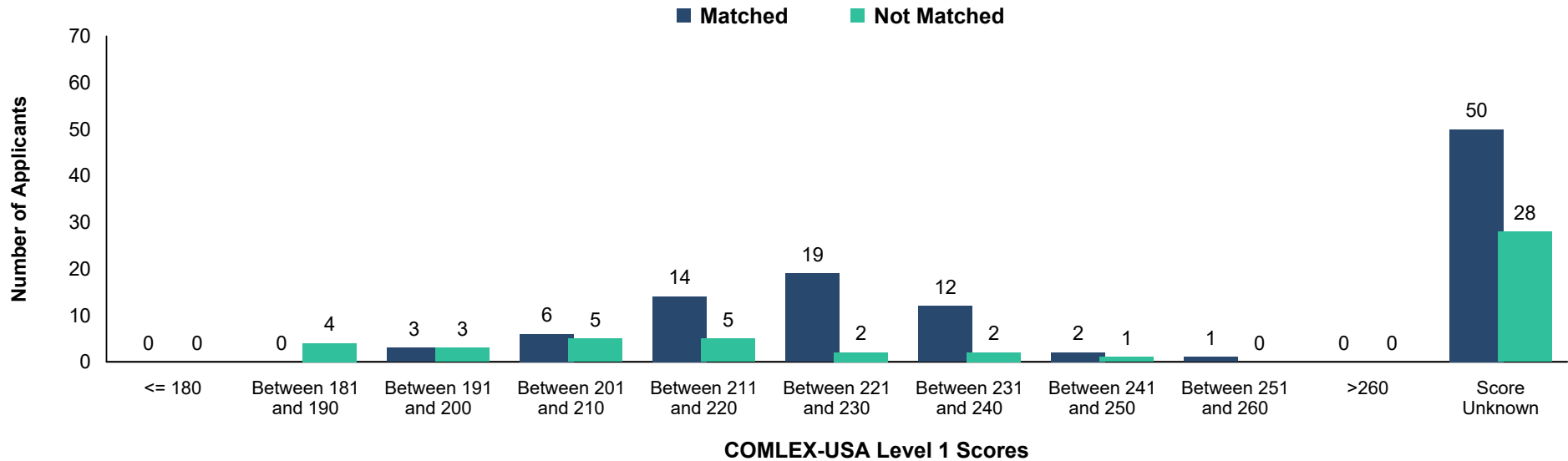
Probability of U.S. Osteopathic Seniors Matching to Preferred Specialty by COMLEX-USA Level 1 Score
Physical Medicine and Rehabilitation



*Note: Probabilities calculated based on 2016-2018 applicants.
Sources: NRMP Data Warehouse; 2016 COMLEX-USA scores provided by NBOME.*

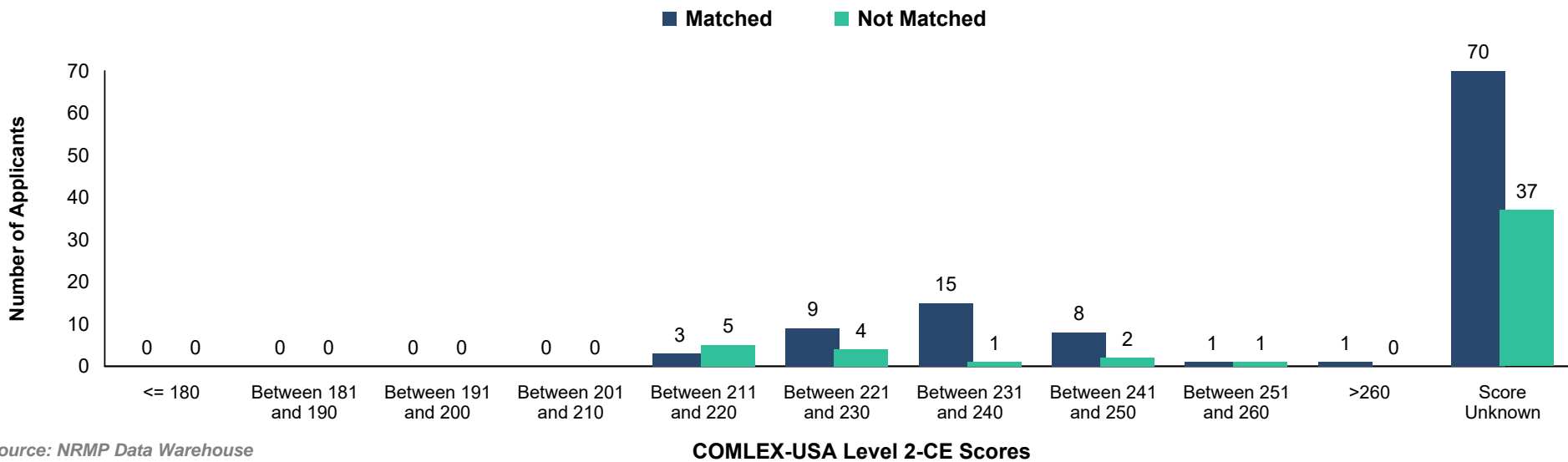
**Chart
PM-5**

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



**Chart
PM-6**

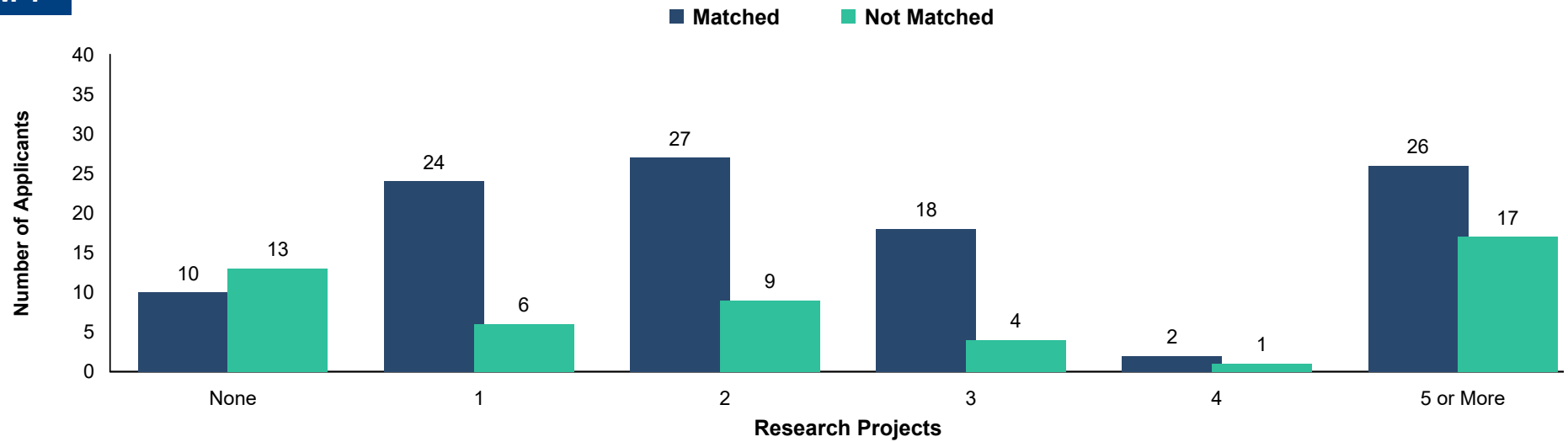
USMLE Step 2 CK Scores of U.S. Osteopathic Seniors
Physical Medicine and Rehabilitation



Source: NRMP Data Warehouse

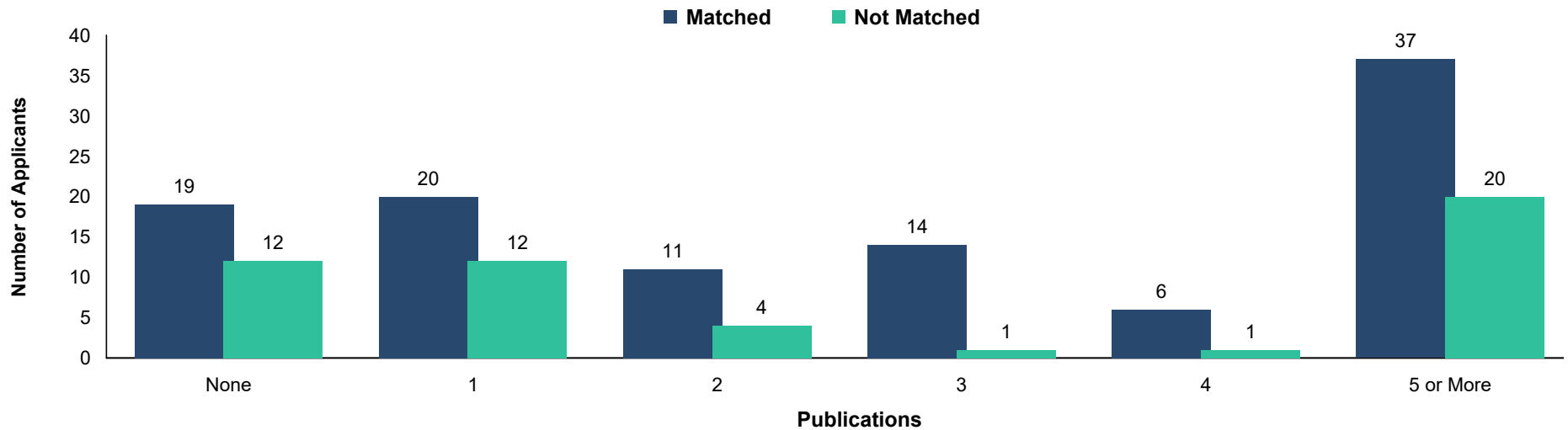
**Chart
PM-7**

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



**Chart
PM-8**

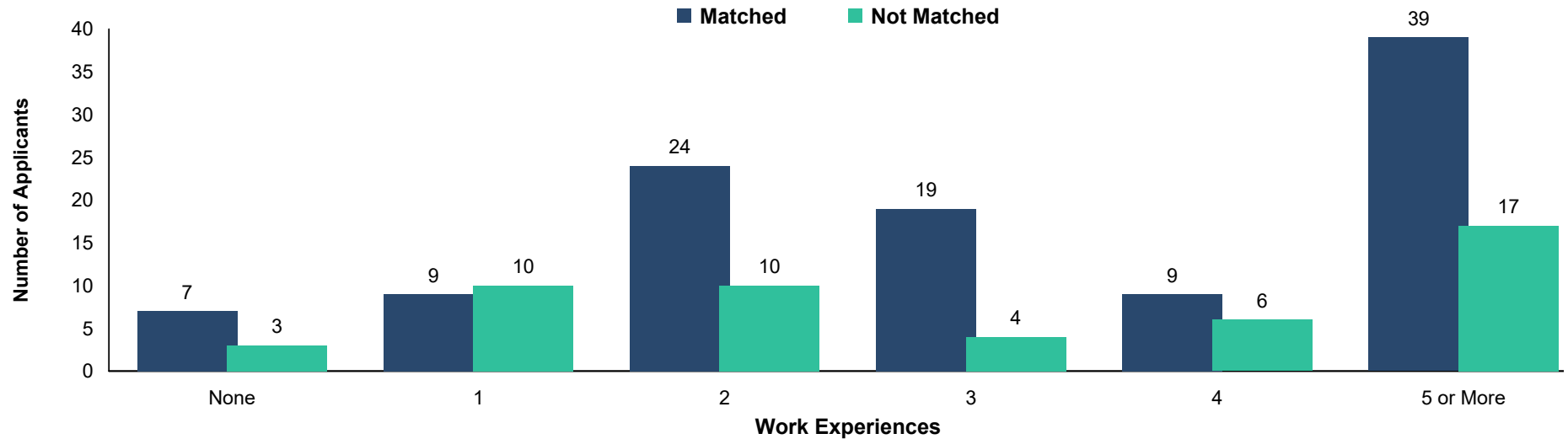
**Number of Abstracts, Presentations, and Publications of U.S. Osteopathic Seniors
*Physical Medicine and Rehabilitation***



Source: NRMP Data Warehouse

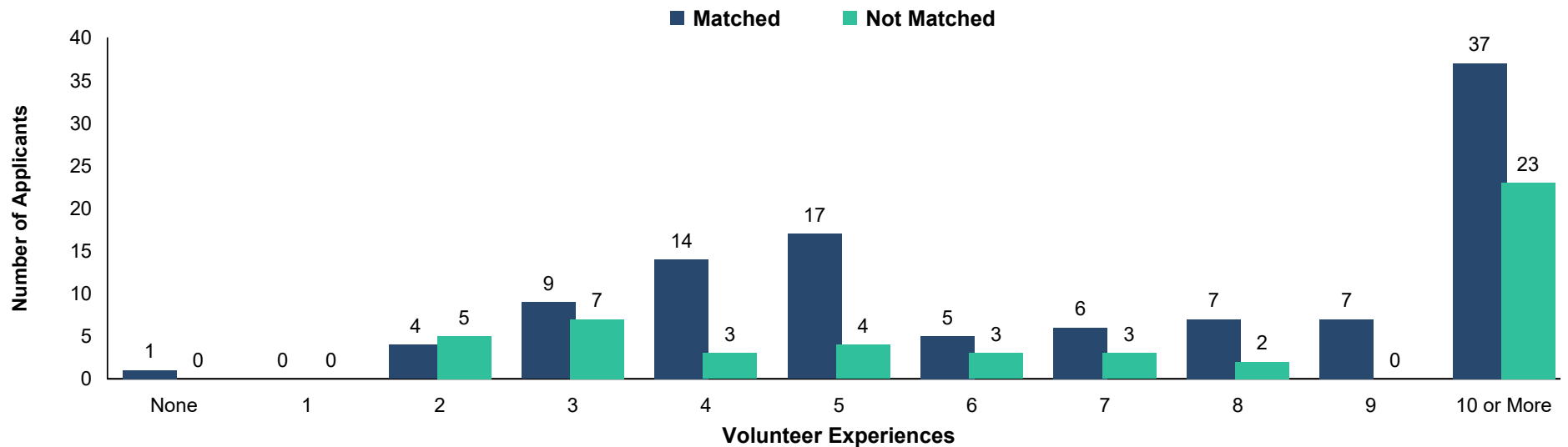
**Chart
PM-9**

Number of Work Experiences of U.S. Osteopathic Seniors
Physical Medicine and Rehabilitation



**Chart
PM-10**

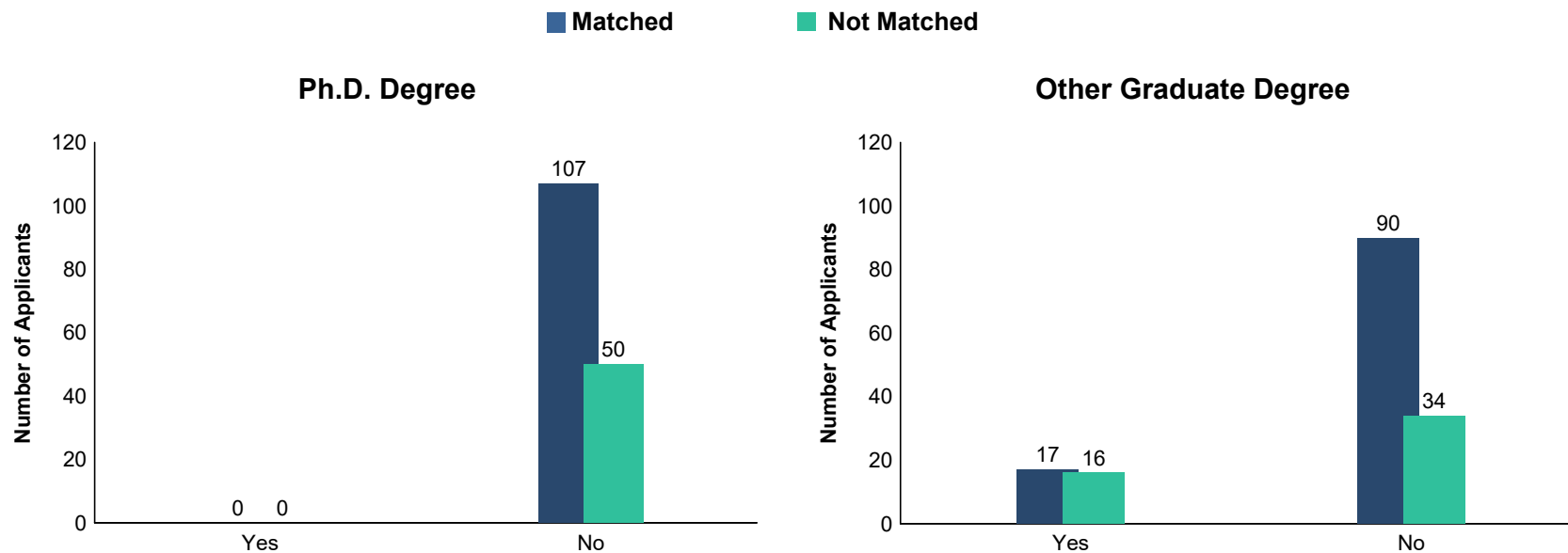
Number of Volunteer Experiences of U.S. Osteopathic Seniors
Physical Medicine and Rehabilitation



Source: NRMP Data Warehouse

**Chart
PM-11**

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



Source: NRMP Data Warehouse.

P Psychiatry

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

Measure	Matched (n=216)	Unmatched (n=81)
1. Mean number of contiguous ranks	8.7	5.3
2. Mean number of distinct specialties ranked	1.1	1.3
3. Mean COMLEX-USA Level 1 score	514	486
4. Mean COMLEX-USA Level 2-CE score	543	489
5. Mean USMLE Step 1 score	224	217
6. Mean USMLE Step 2 CK score	237	230
7. Mean number of research experiences	1.6	1.6
8. Mean number of abstracts, presentations, and publications	2.5	2.0
9. Mean number of work experiences	3.2	2.9
10. Mean number of volunteer experiences	6.4	5.0
11. Percentage who have a Ph.D. degree	1.5	0.0
12. Percentage who have another graduate degree	16.1	22.7

Source: NRMP Data Warehouse.

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

Chart P-1

Number of Distinct Specialties Ranked by U.S. Osteopathic Seniors
Psychiatry

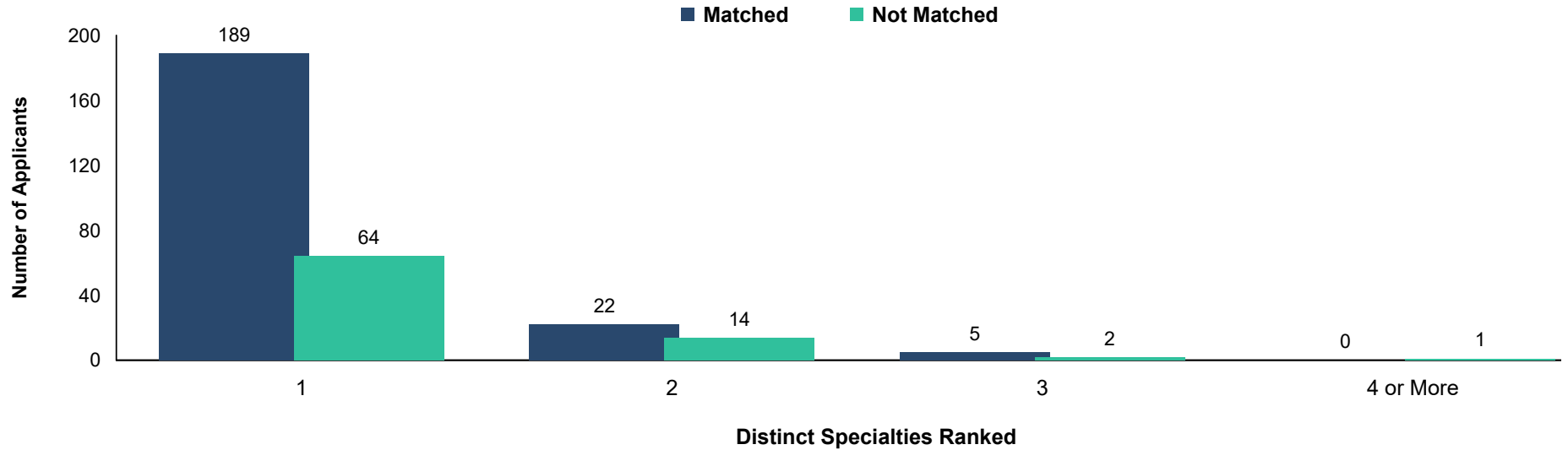
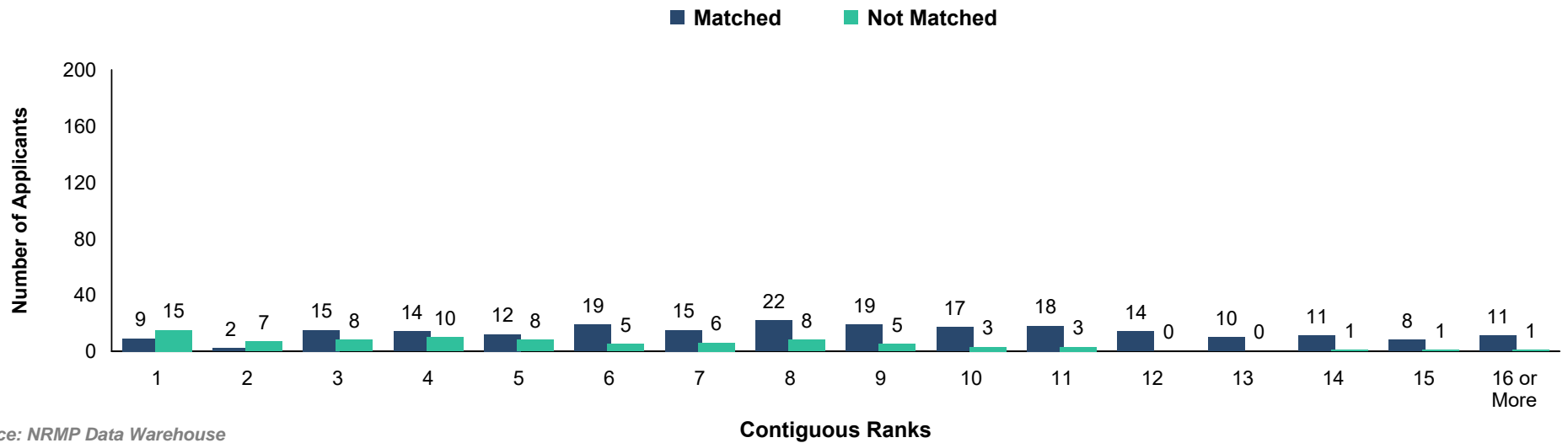


Chart P-2

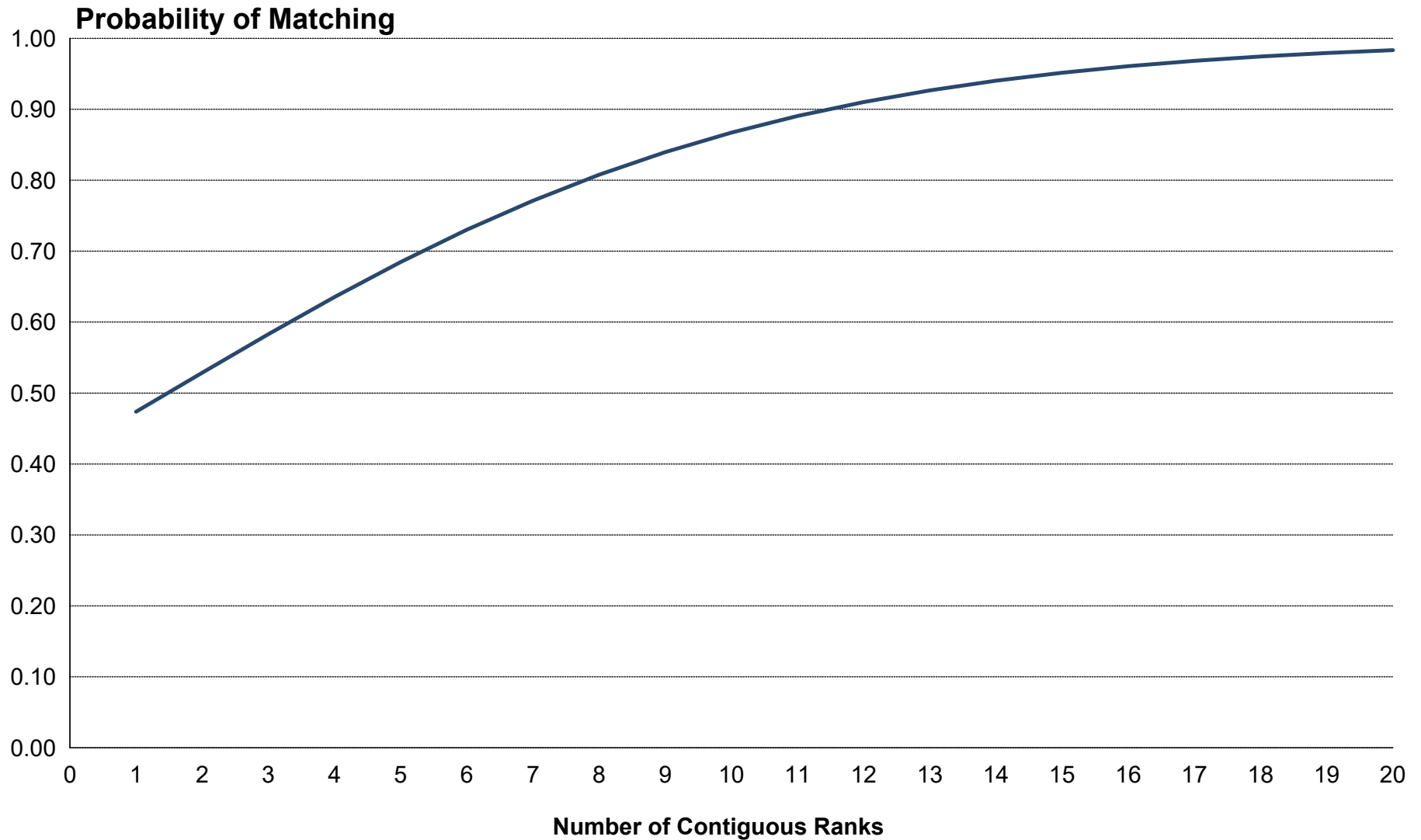
Number of Contiguous Ranks of U.S. Osteopathic Seniors
Psychiatry



Source: NRMP Data Warehouse

**Graph
P-1**

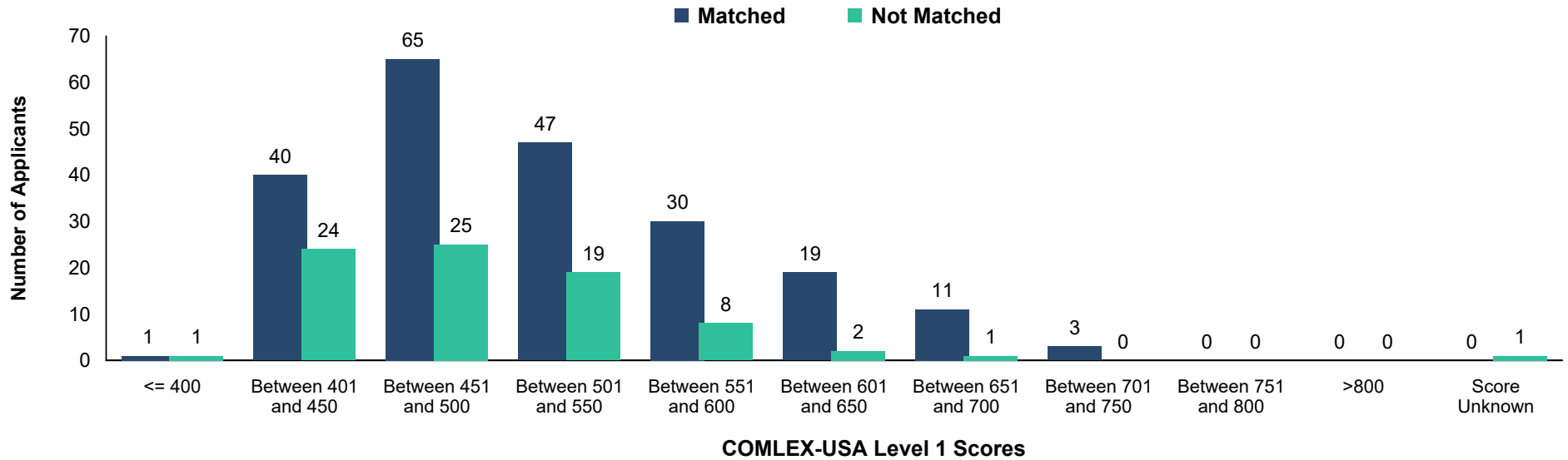
Probability of U.S. Osteopathic Seniors Matching to Preferred Specialty by Number of Contiguous Ranks
Psychiatry



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2016-2018 applicants.

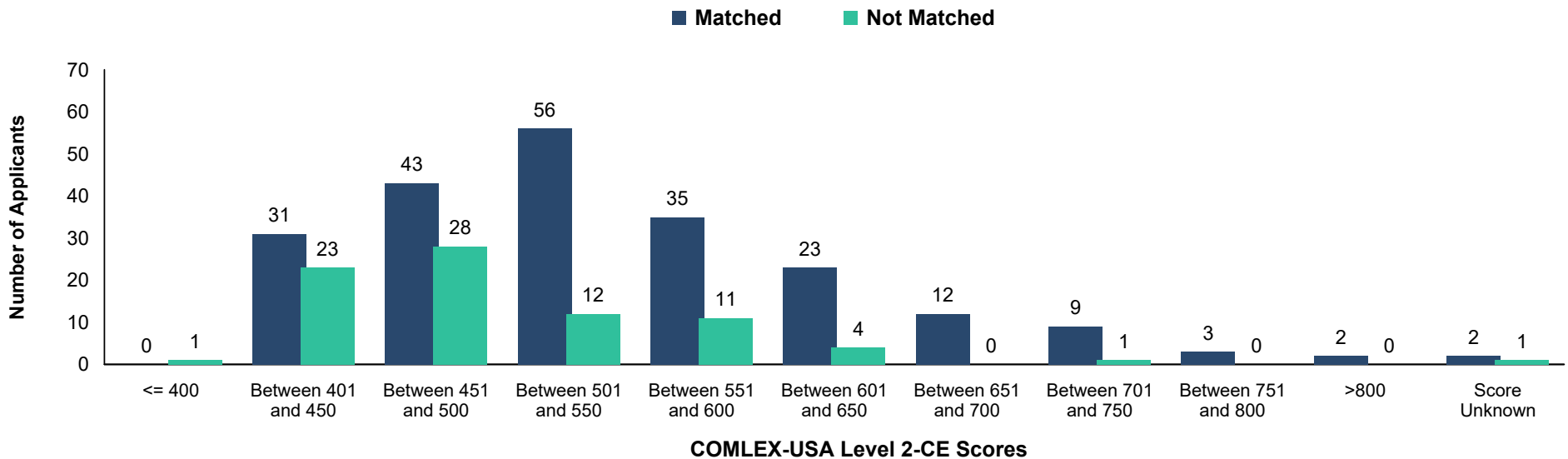
**Chart
P-3**

**COMLEX-USA Level 1 Scores of U.S. Osteopathic Seniors
Psychiatry**



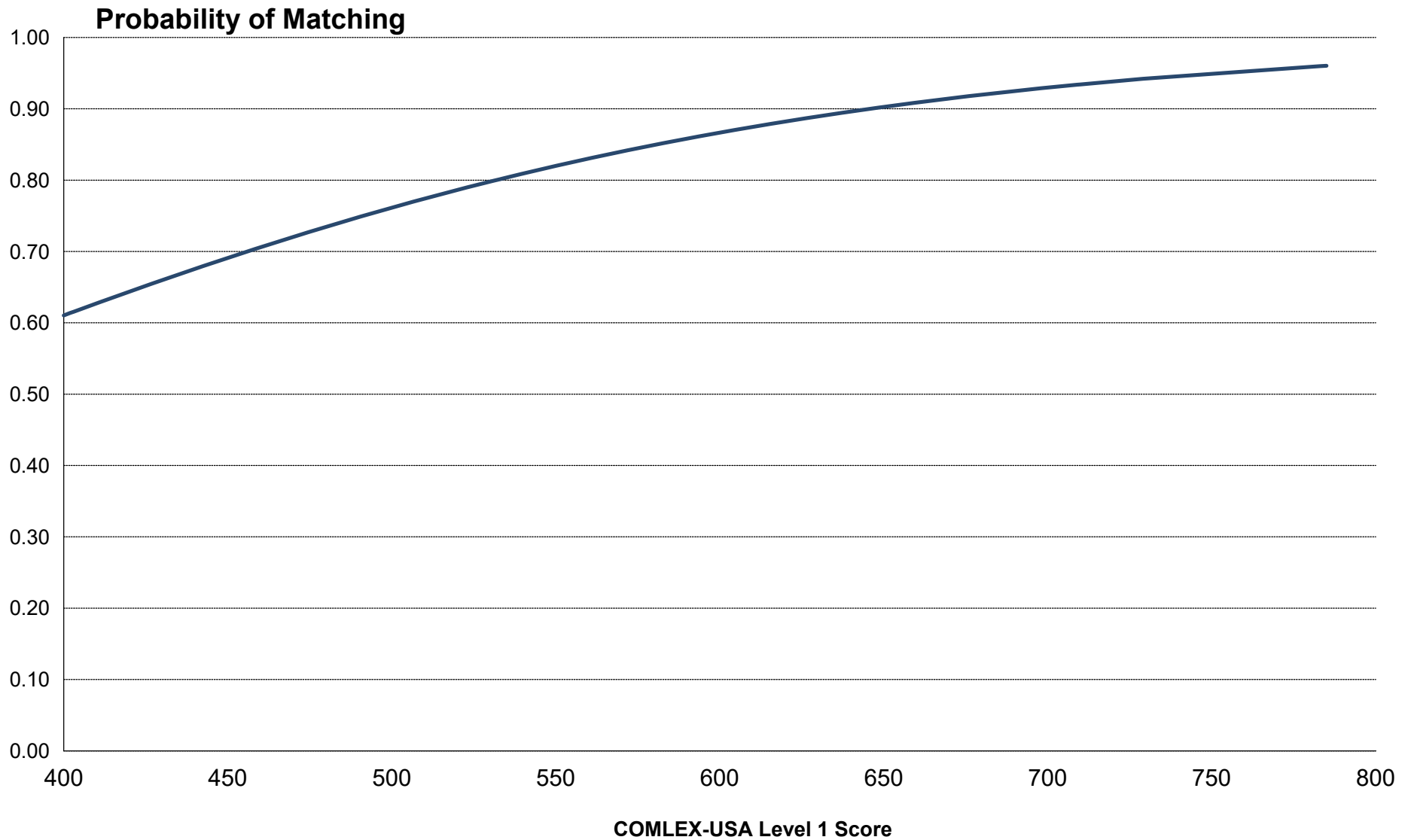
**Chart
P-4**

**COMLEX-USA Level 2-CE Scores of U.S. Osteopathic Seniors
Psychiatry**



**Graph
P-2**

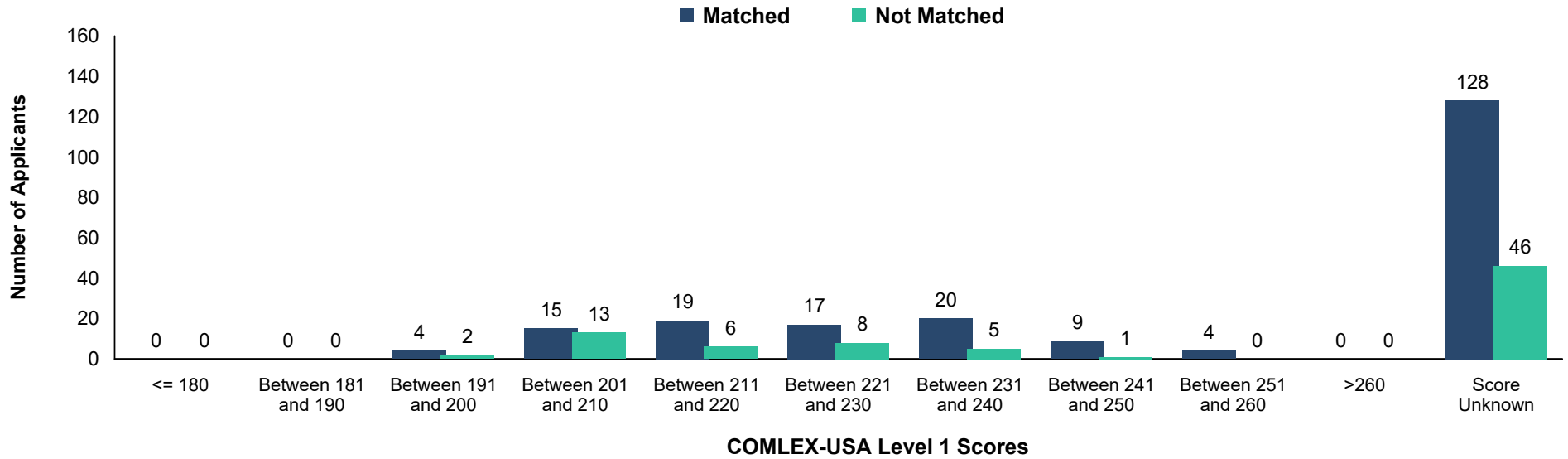
Probability of U.S. Osteopathic Seniors Matching to Preferred Specialty by COMLEX-USA Level 1 Score
Psychiatry



*Note: Probabilities calculated based on 2016-2018 applicants.
Sources: NRMP Data Warehouse; 2016 COMLEX-USA scores provided by NBOME.*

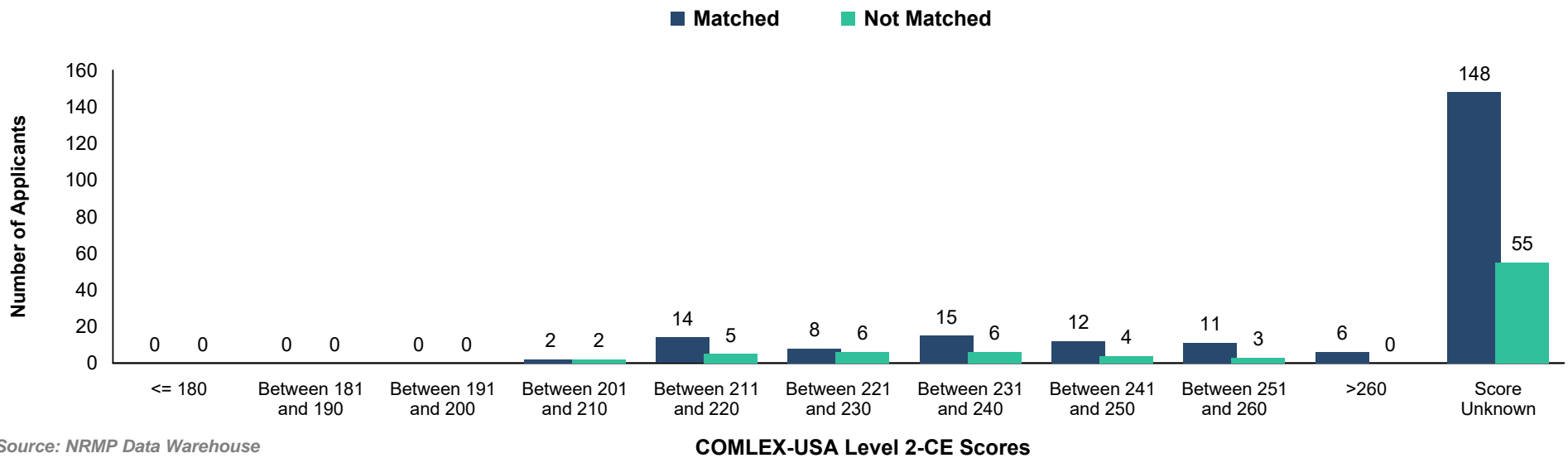
**Chart
P-5**

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



**Chart
P-6**

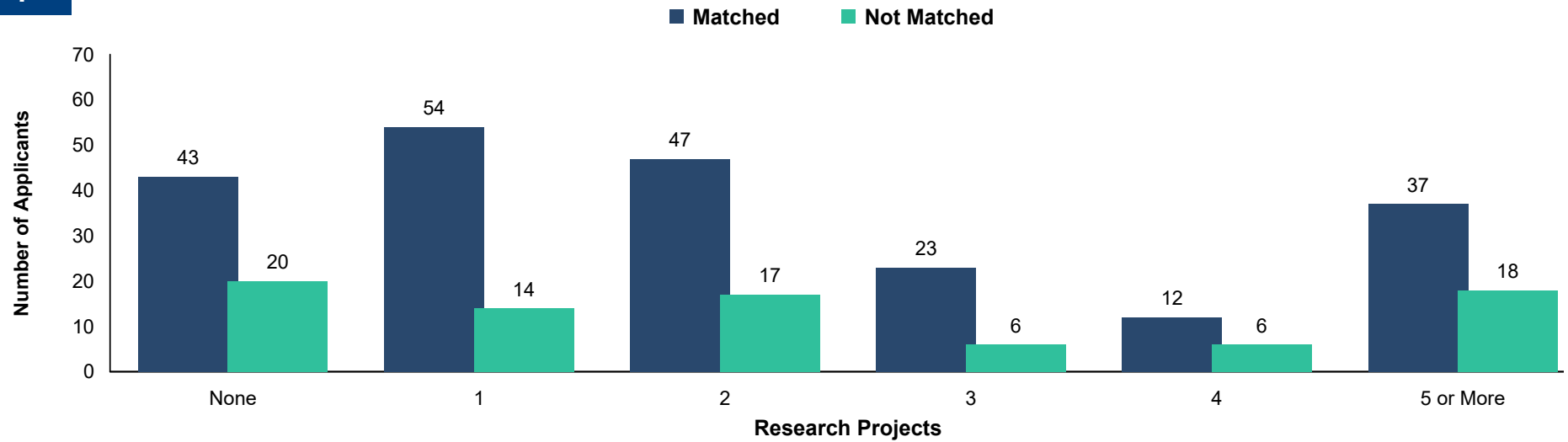
**USMLE Step 2 CK Scores of U.S. Osteopathic Seniors
Psychiatry**



Source: NRMP Data Warehouse

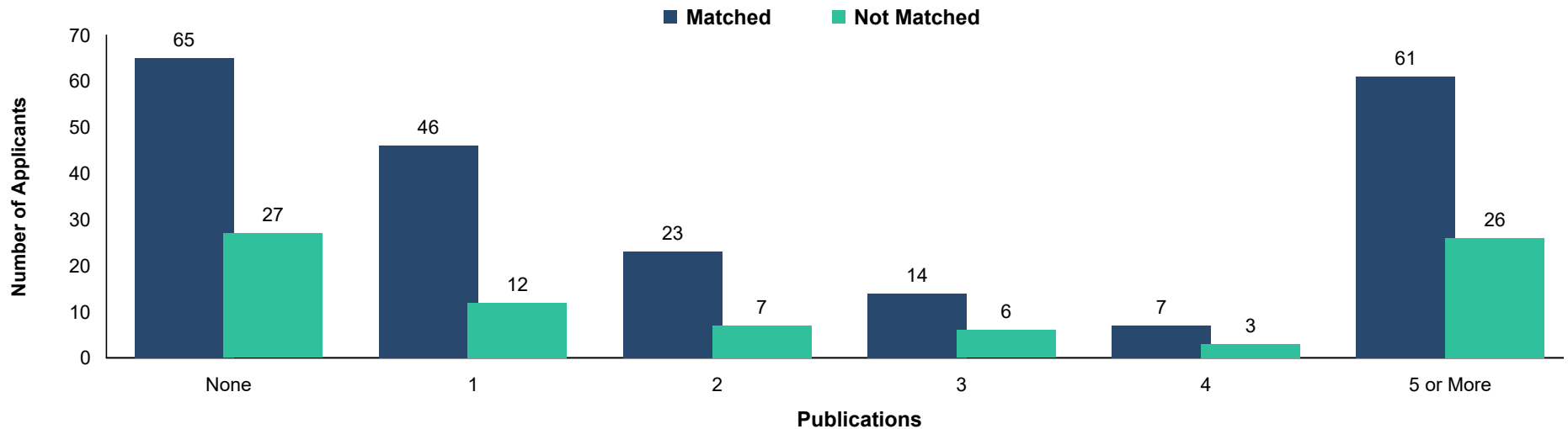
**Chart
P-7**

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



**Chart
P-8**

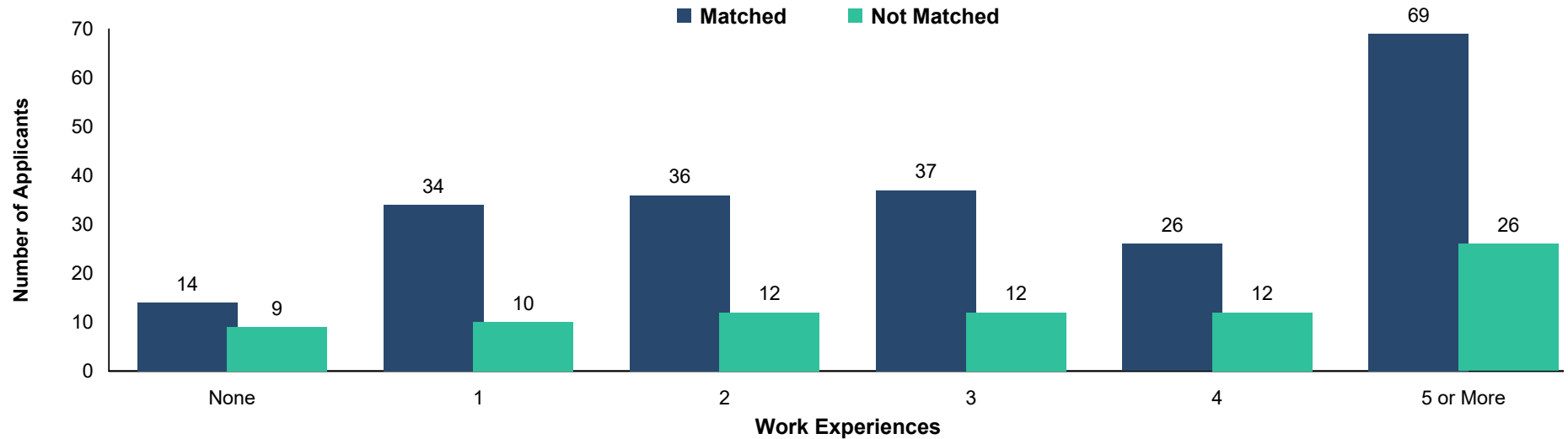
Number of Abstracts, Presentations, and Publications of U.S. Osteopathic Seniors *Psychiatry*



Source: NRMP Data Warehouse

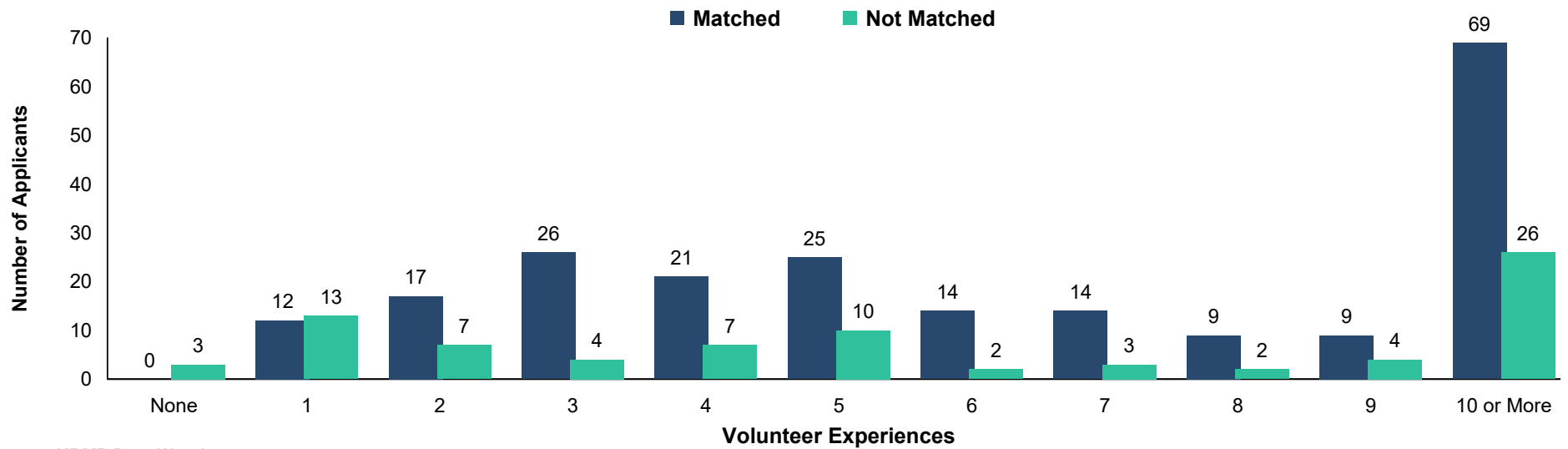
**Chart
P-9**

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



**Chart
P-10**

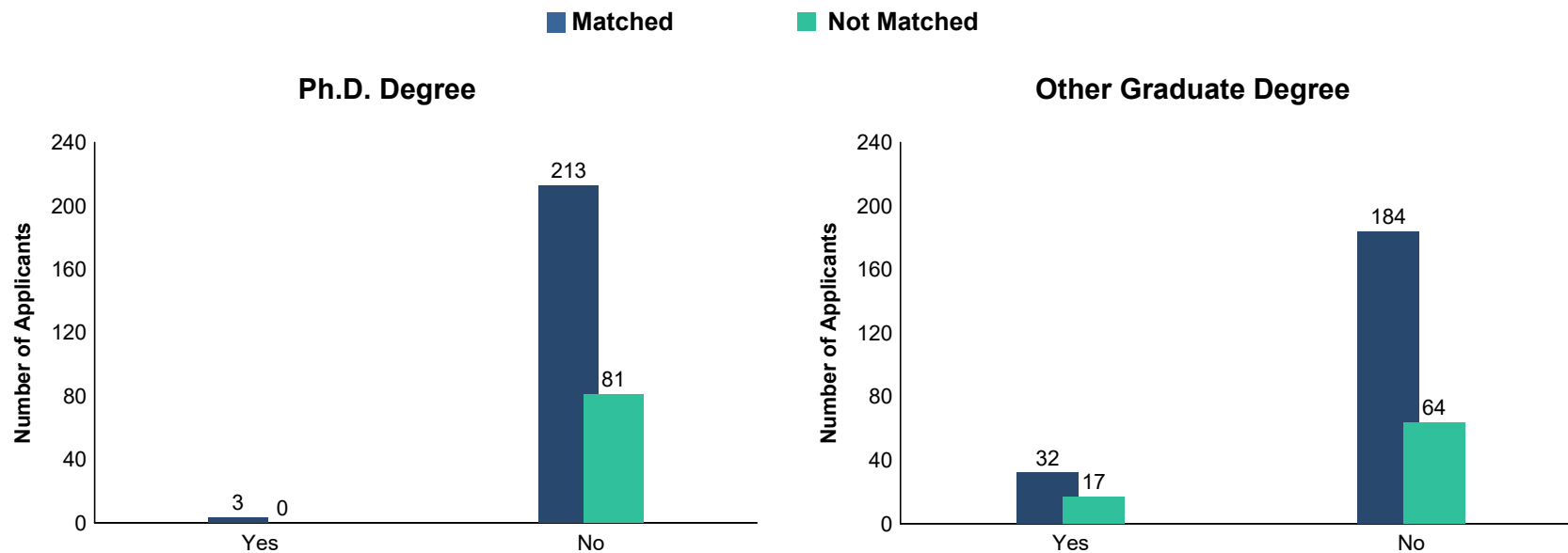
**Number of Volunteer Experiences of U.S. Osteopathic Seniors
*Psychiatry***



Source: NRMP Data Warehouse

**Chart
P-11**

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



Source: NRMP Data Warehouse.