



# **Charting Outcomes in the Match for U.S. Osteopathic Medical Students and Graduates**

**Characteristics of U.S. Osteopathic Medical Students and  
Graduates Who Matched to Their Preferred Specialty in the  
2016 Main Residency Match**

**1st Edition**

**Prepared by:**  
National Resident Matching Program  
[www.nrmp.org](http://www.nrmp.org)

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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. However, starting with the 2014 Main Residency Match, the NRMP added a Professional Profile section to its Match registration process to collect the USMLE scores and other applicant characteristics. NRMP has used those data to independently produce this report since the 2014 version of *Charting Outcomes in the Match*.

In prior years, this 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 this year 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. This report is the first *Charting Outcomes in the Match* that examines the characteristics of students/graduates of U.S. osteopathic medical schools. It is important to note that in addition to the Main Residency Match, students and graduates of osteopathic medical schools can participate in the 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.

## Data

Match success, specialty preference, and ranking information were collected through the Main Residency Match. Other applicant characteristics, including academic degrees, publications, and research, 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 reported 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 Chesapeake Institutional Review Board (IRB).

Traditionally, *Charting Outcomes in the Match* reports on USMLE scores. Because the Comprehensive Osteopathic Medical Licensing Examinations (COMLEX-USA) is the licensing examination for osteopathic medical students/graduates, only a small number of osteopathic medical students/graduates also take the USMLE examination. Therefore, the COMLEX-USA Level 1 and Level 2-CE scores were used in this report instead of USMLE Step 1 and Step 2 CK scores. The National Board of Osteopathic Medical Examiners (NBOME) provided 2016 COMLEX-USA Level 1 and Level 2-CE scores for analyses in this report. This is the first time that NRMP has examined the link between COMLEX-USA scores and Match success.

A total of 2,982 U.S. osteopathic students/graduates submitted certified rank order lists in the 2016 Main Residency Match. After excluding the 14.3 percent of osteopathic medical students/graduates who did not give consent to participate in NRMP research, 2,555 osteopathic applicants were included in the final dataset. Missing data were found in number of research experiences (26.3%), number of abstracts, presentations, and publications (28.2%), number of work experiences (27.2%), number of volunteer experiences (27.8%), Ph.D. degree (16.9%), and other graduate degree (16.6%). Identity matching of all applicants was not possible due to insufficient information; therefore, 2.9 percent of COMLEX-USA scores were missing.

## Methods

Specialties that offered 50 or more positions and had at least 7 matched or unmatched applicants preferring the specialty in the 2016 Main Residency Match are included in this report. Transitional Year programs were excluded because they are not viewed as a specialty choice. Because the number of osteopathic medical students/graduates participating in the Match was relatively small, fewer specialties are included in this report than in other versions of *Charting Outcomes in the Match*.

Ten 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, 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. In *Charting Outcomes in the Match* for U.S. allopathic medical school seniors and students/graduates of international medical schools, USMLE scores from applicants in the 2014, 2015, and 2016 Matches were analyzed. In this report, however, only 2016 COMLEX-USA scores were used.

*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 last choice program.*

### Summary

Some general observations apply to all specialties in this report. Osteopathic medical students/graduates 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

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 lower 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 2016 Main Residency Match  
by Applicant Type**

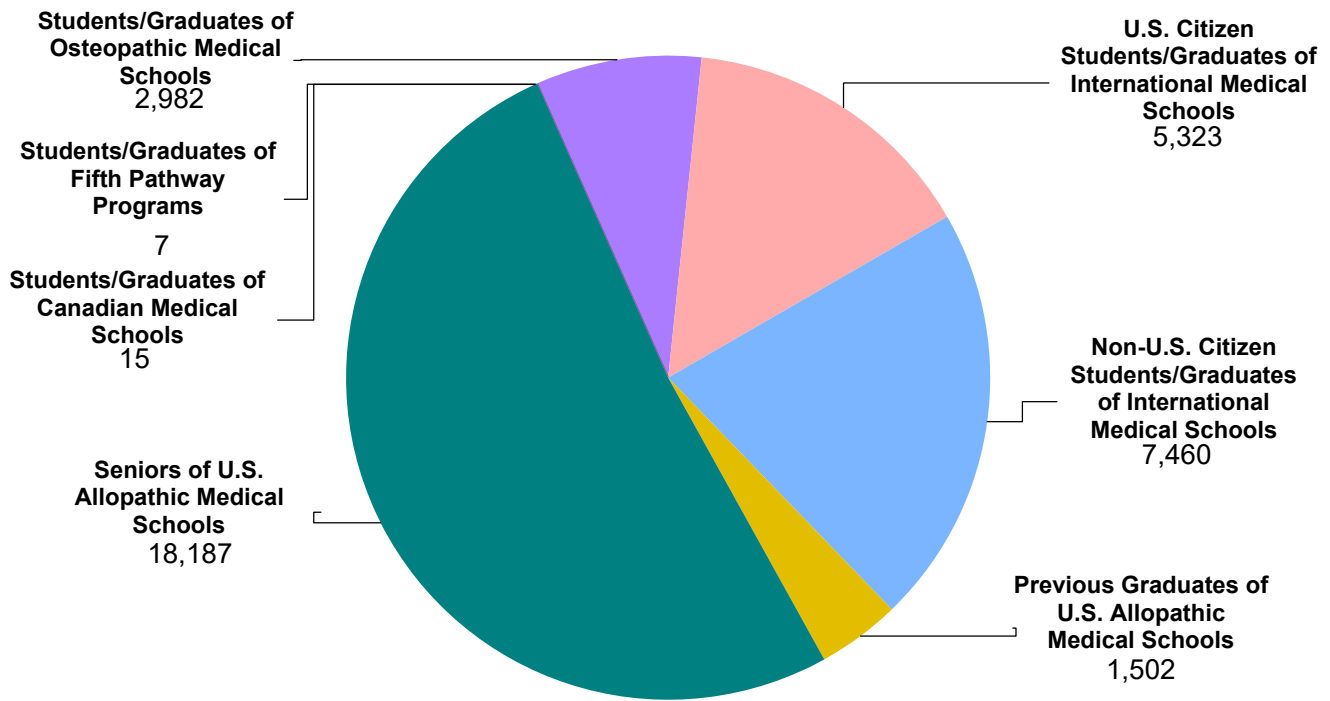


Chart 1 shows the number of active applicants (applicants who submitted rank order lists of programs) by applicant type in the 2016 Main Residency Match. A total of 35,476 active applicants participated in the 2016 Main Residency Match. Students and graduates of U.S. osteopathic medical schools constituted 8.4 percent of all applicants in the Match.

**Table  
1****Number of Applicants and Positions in the 2016 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	1,696	1,771	1.00	207	26	233
Diagnostic Radiology	1,168	1,220	1.00	107	12	119
Emergency Medicine	1,895	2,270	1.20	219	71	290
Family Medicine	3,238	4,139	1.30	352	48	400
General Surgery	1,241	1,845	1.50	56	55	111
Internal Medicine	7,352	9,857	1.30	503	74	577
Neurology	770	985	1.30	69	15	84
Obstetrics and Gynecology	1,265	1,606	1.30	127	41	168
Pathology	579	755	1.30	50	11	61
Pediatrics	2,768	3,234	1.20	353	41	394
Physical Medicine and Rehabilitation	414	538	1.30	119	35	154
Psychiatry	1,386	2,134	1.50	185	54	239

\*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.

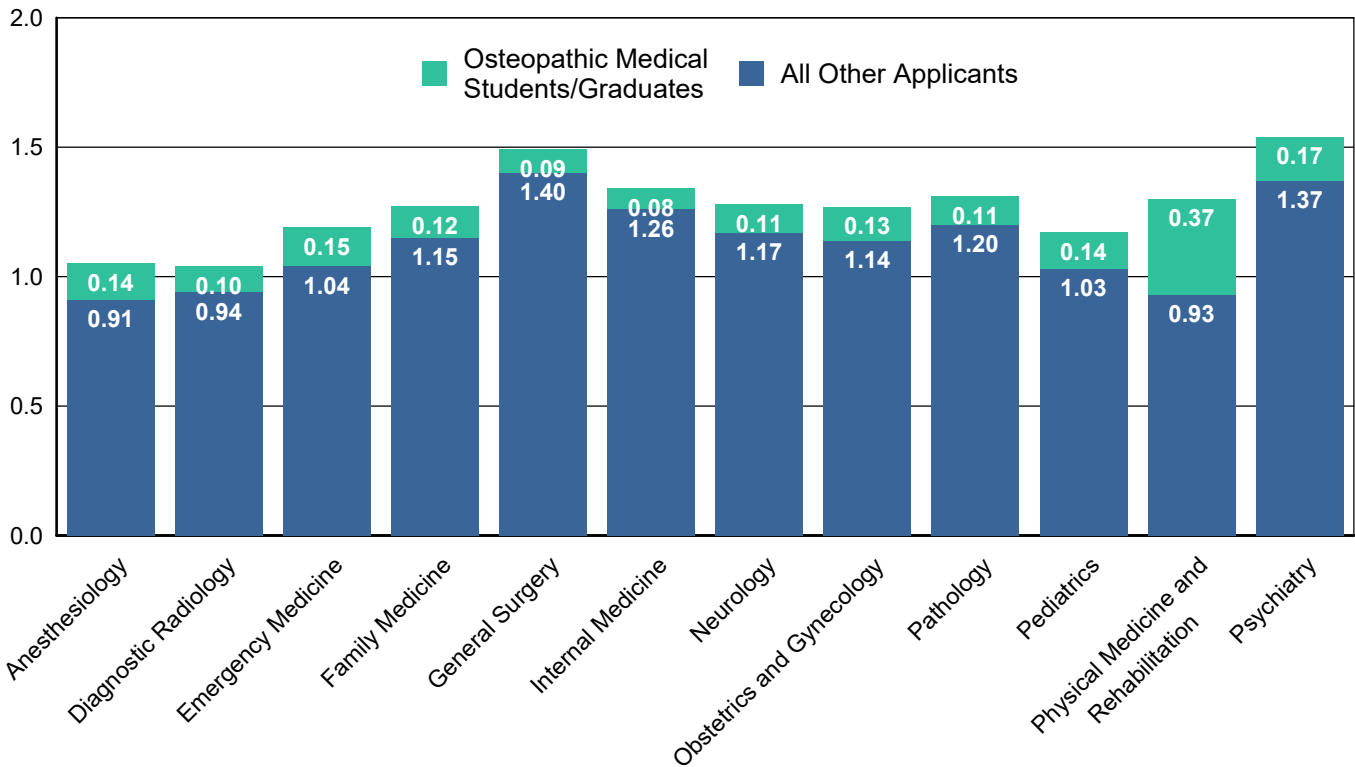
Table 1 provides a summary of the numbers of applicants and positions for specialties that offered at least 50 positions in the Match and were preferred by at least 7 osteopathic medical students/graduates. For example, a total of 1,771 applicants preferred Anesthesiology (or ranked an Anesthesiology position first), among whom 233 were U.S. osteopathic medical school students/graduates (207 matched and 26 did not match to Anesthesiology). For each of the 1,696 Anesthesiology positions there were 1.0 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 Medical Students/Graduates Ranking Specialty First / Available Positions  
by Preferred Specialty**

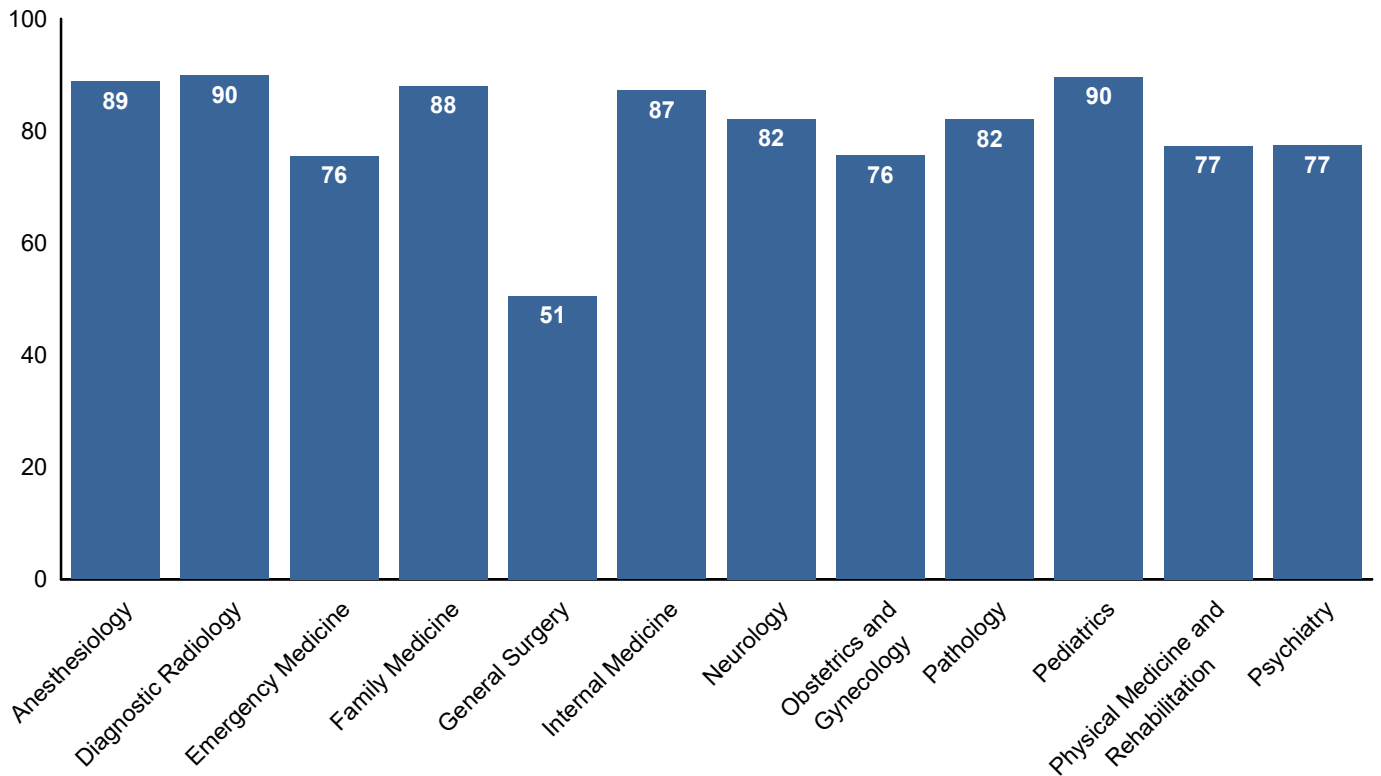


Source: NRMP Data Warehouse

Chart 2 shows the ratios of all applicants and of osteopathic medical students/graduates to available positions in each specialty. For all specialties displayed in the chart, the total number of applicants preferring each specialty was more than the number of available positions. Among all specialties in the chart, Psychiatry had the highest ratio of all applicants per position; however, the highest ratios for osteopathic medical students/graduates was in PM&R.

**Chart  
3**

**Match Rates of U.S. Osteopathic Medical Students/Graduates  
Percent Matched by Preferred Specialty**



Source: NRMP Data Warehouse

Chart 3 shows the percentages of U.S. osteopathic medical students/graduates who matched to their preferred specialty. Overall, 82.0 percent of U.S. osteopathic medical students/graduates matched to their preferred specialty, ranging from a high of 89.9 percent (Diagnostic Radiology) to a low of 50.5 percent (General Surgery).

**Table  
2****Summary Statistics on U.S. Osteopathic Medical Students/Graduates  
All Specialties Combined**

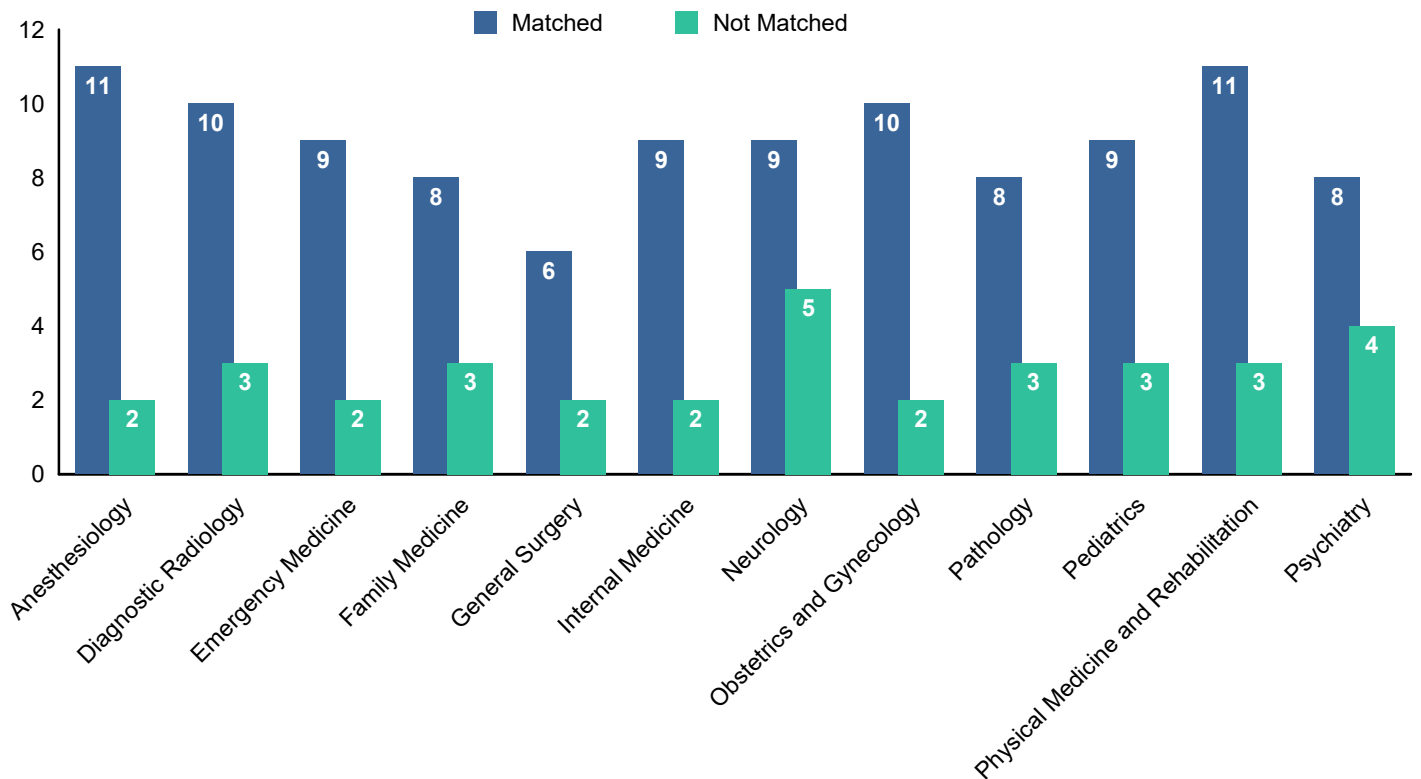
Measure	Matched (n=2,091)	Unmatched (n=464)
1. Mean number of contiguous ranks	9.5	4.0
2. Mean number of distinct specialties ranked	1.1	1.3
3. Mean COMLEX-USA Level 1 score	566	518
4. Mean COMLEX-USA Level 2-CE score	579	517
5. Mean number of research experiences	1.7	2.0
6. Mean number of abstracts, presentations, and publications	2.3	2.6
7. Mean number of work experiences	3.2	3.2
8. Mean number of volunteer experiences	6.7	6.2
9. Percentage who have a Ph.D. degree	0.6	1.6
10. Percentage who have another graduate degree	22.2	29.1

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

Table 2 provides summary statistics for all specialties by Match outcome on the 10 measures presented in this report. Data on each of these measures are displayed graphically by preferred specialty on the following pages. Only osteopathic medical students/graduates 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 Medical Students/Graduates by Preferred Specialty and Match Status**



Source: NRMP Data Warehouse

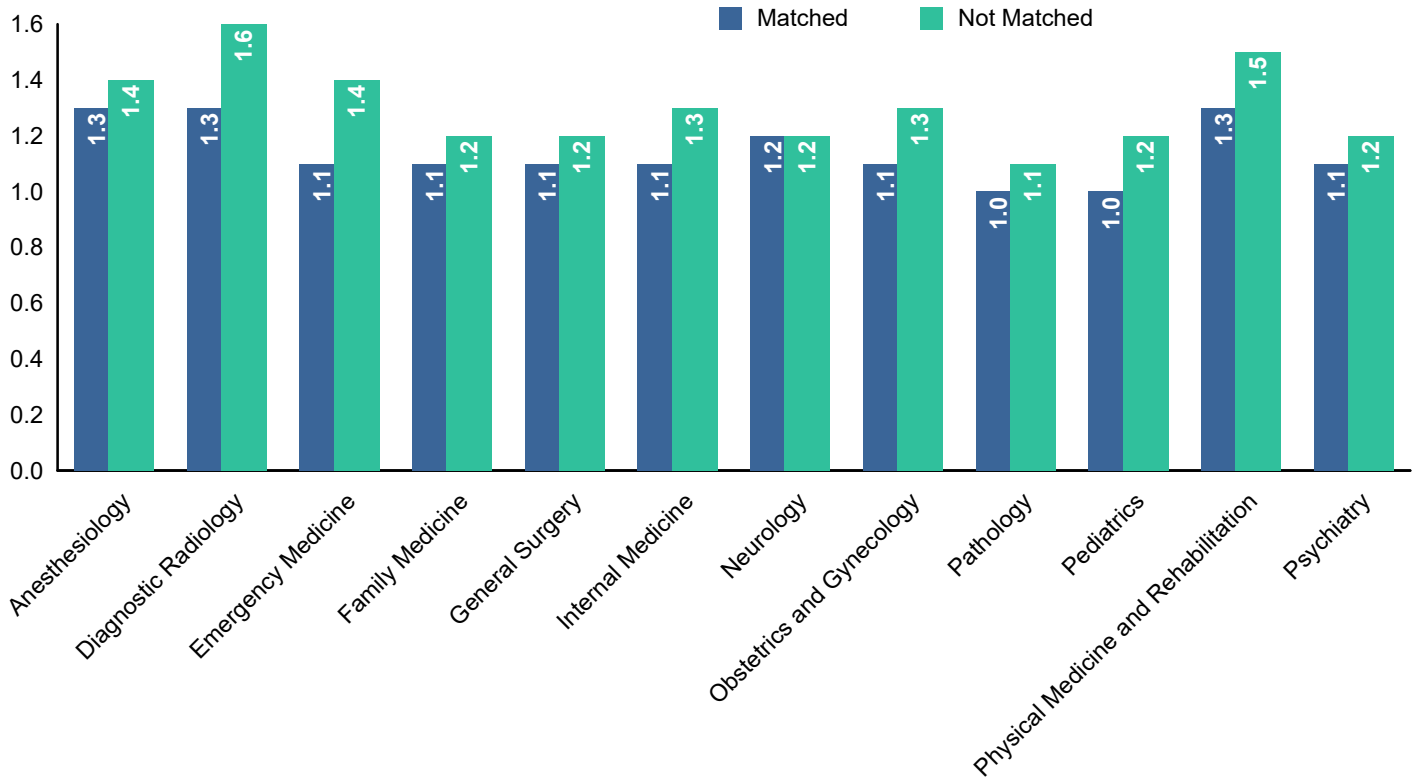
In general, applicants are more likely to be successful if they rank more programs in their desired specialty. To quantify this aspect of applicant behavior, we tallied the number of programs ranked in the first-choice specialty before a program in another specialty appeared on the applicant's rank order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

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

The principal message of these graphs 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 Medical Students/Graduates  
by Preferred Specialty and Match Status**

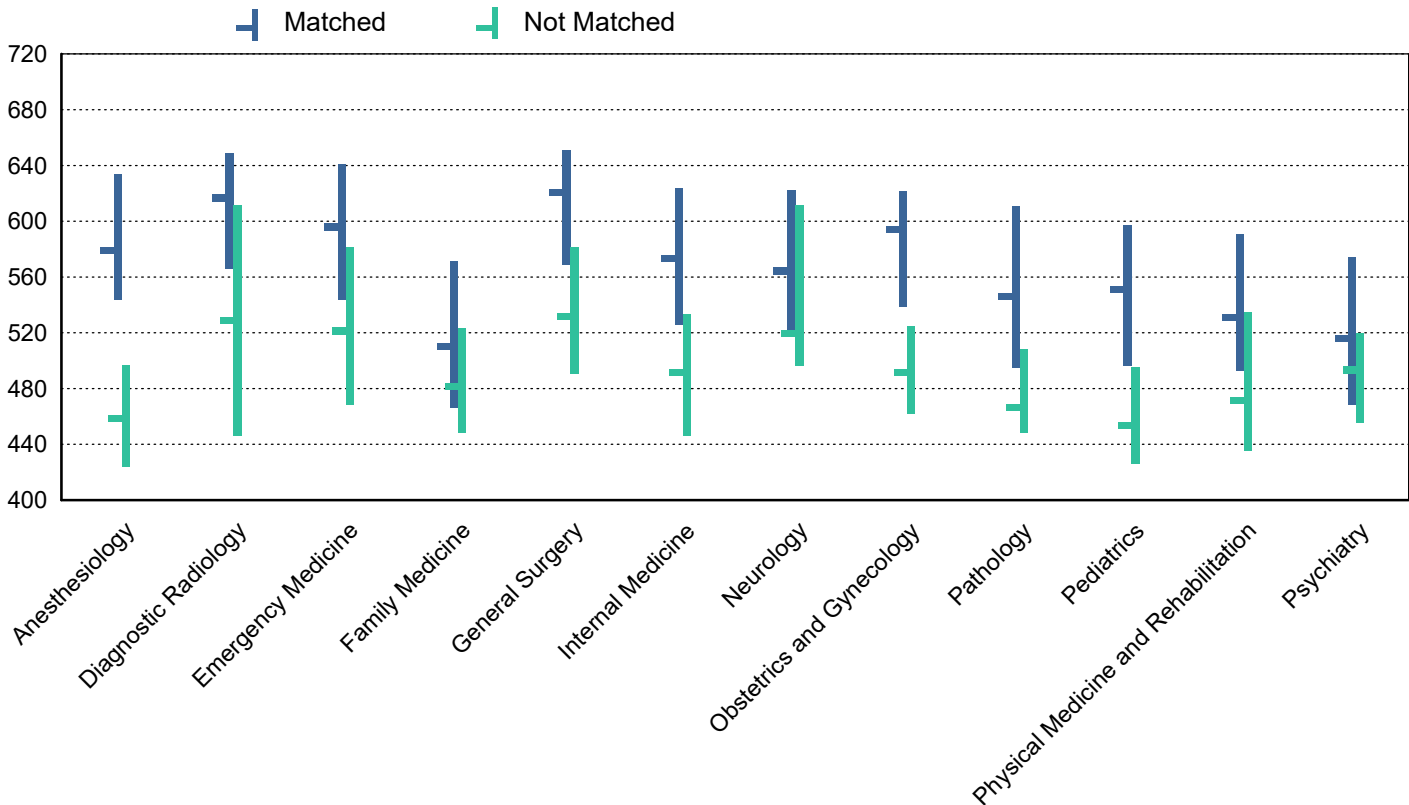


Source: NRMP Data Warehouse

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 Neurology, osteopathic medical students/students 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 Medical Students/Graduates by Preferred Specialty and Match Status**



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

The Comprehensive Osteopathic Medical Licensing Examinations (COMLEX-USA) are required for graduation from a U.S. osteopathic medical school. For that reason, this report examines the effect of COMLEX-USA scores rather than the United States Medical Licensing Examination (USMLE) scores. Because USMLE scores are not a requirement for osteopathic applicants to obtain a residency position, many osteopathic medical students/graduates choose not to take USMLE. Therefore, USMLE scores are available for a small number of osteopathic applicants in the NRMP Match.

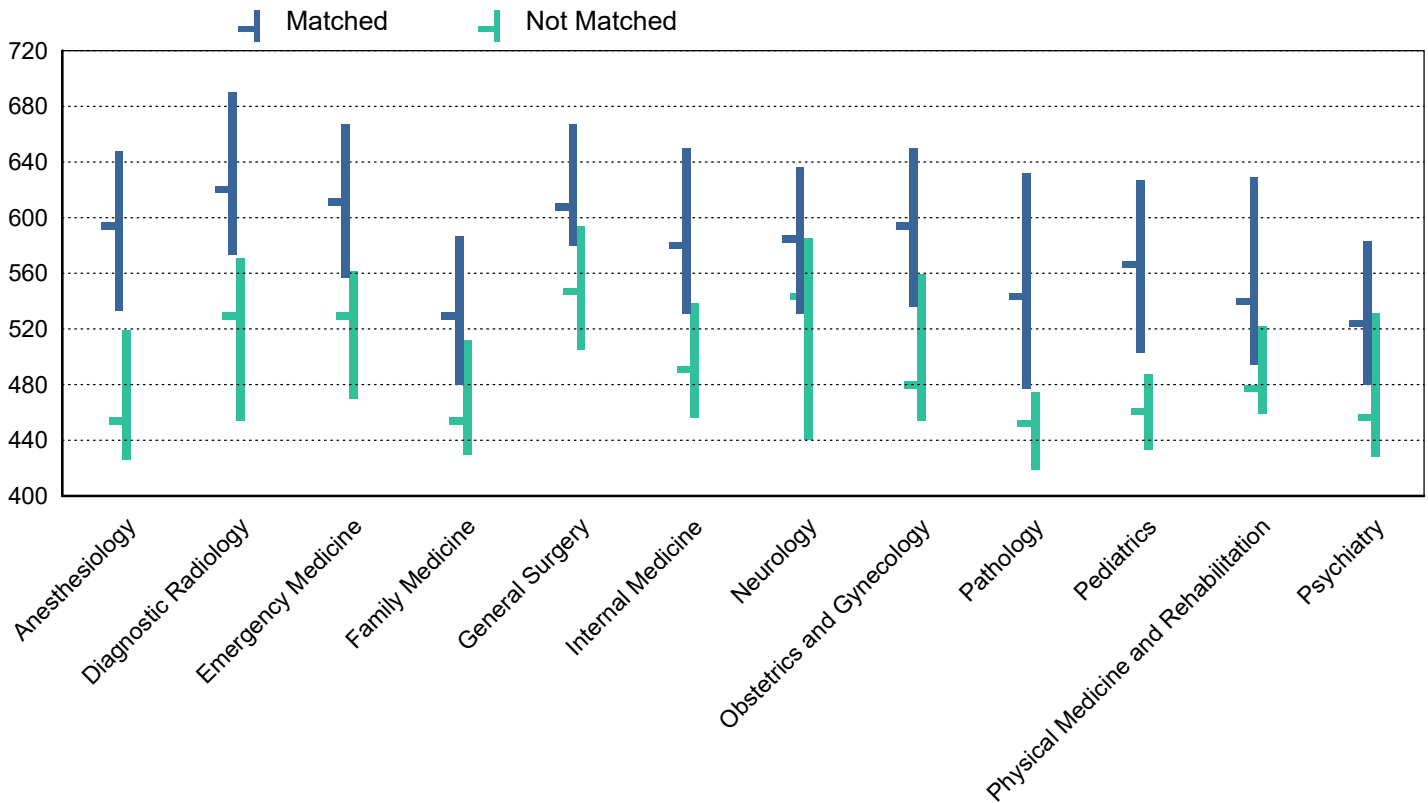
The COMLEX-USA examination series is designed to assess the osteopathic medical knowledge and clinical skills considered essential for osteopathic generalist physicians to practice osteopathic medicine. COMLEX-USA is constructed in the context of clinical problem-solving that involves "Patient Presentations" 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 DO degree in the United States, and COMLEX-USA is used for licensure for DOs in all 50 states. Overall, U.S. osteopathic medical students/graduates who matched to their preferred specialty had *mean* COMLEX-USA Level 1 scores of 561.1 (s.d. = 77.7), well above the 2016 minimum passing score of 400. COMLEX-USA Level 1 scores were available for 99 percent of osteopathic medical students/graduates.

Chart 6 displays the COMLEX-USA Level 1 scores for osteopathic medical students/graduates 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).

Although there is some overlap, across all specialties the IQRs of osteopathic medical students/graduates who matched to their preferred specialties are higher than those who did not match.

**Chart  
7**

**COMLEX-USA Level 2-CE Scores of U.S. Osteopathic Medical Students/Graduates  
by Preferred Specialty and Match Status**



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

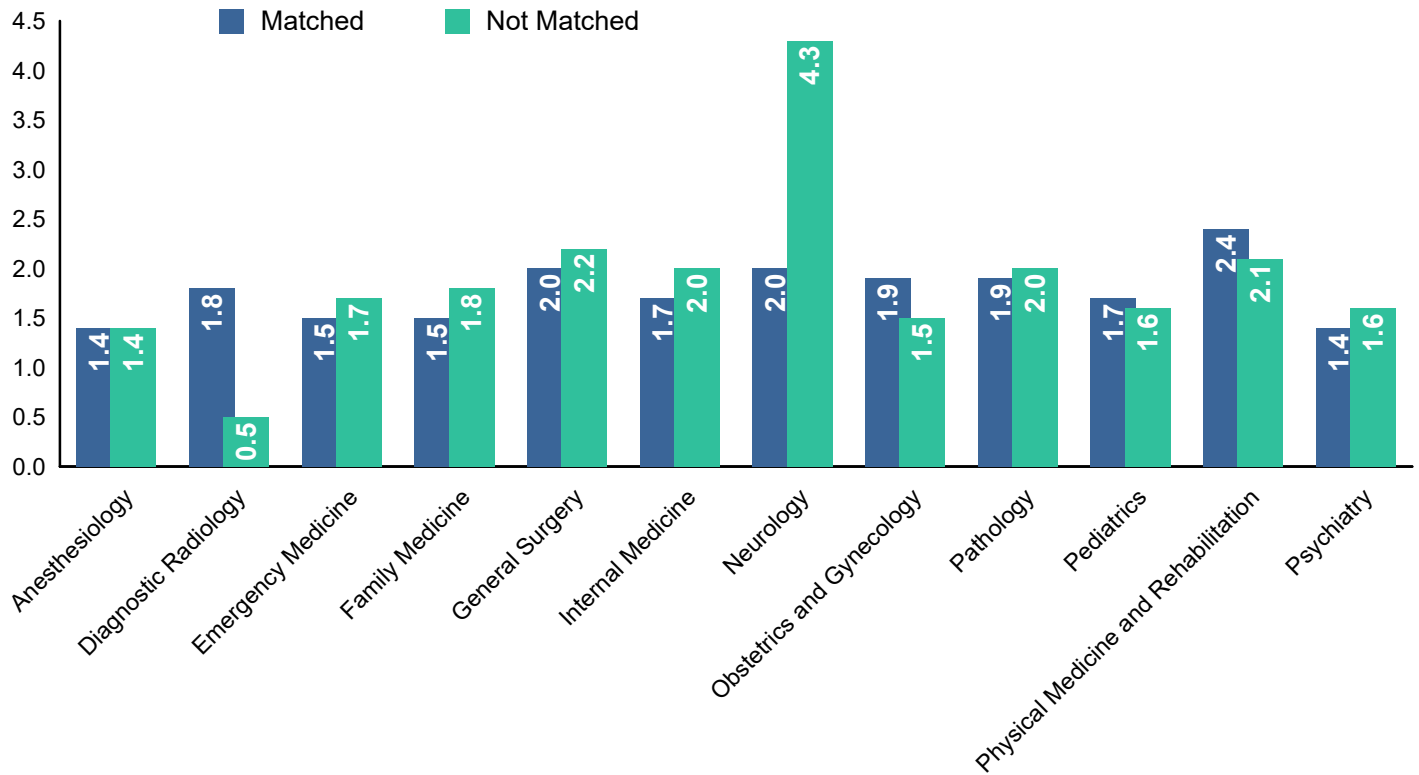
The COMLEX-USA Level 2-Cognitive Evaluation (CE) integrates the clinical disciplines of Emergency Medicine, Family Medicine, Internal Medicine, Obstetrics/Gynecology, Osteopathic Principles and Neuromusculoskeletal Medicine, Pediatrics, Psychiatry, Surgery, and other areas relevant to solving clinical problems and promoting and maintaining health in providing osteopathic medical care to patients. Passing COMLEX-USA 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. COMLEX-USA Level 2-CE scores are used in this report instead of USMLE Step 2 CK scores. Overall, osteopathic medical students/graduates who matched to their preferred specialty had mean COMLEX-USA Level 2-CE scores of 573.2 (s.d. = 90.2), well above the 2016 minimum passing score of 400. COMLEX-USA Level 2-CE scores were available for 98 percent of osteopathic medical students/graduates who participated in the Main Residency Match.

Chart 7 shows the COMLEX-USA Level 2-CE scores for osteopathic medical students/graduates by preferred specialty and Match status. The horizontal bars are the median values for successful applicants and the vertical lines show the interquartile ranges.

As was the case for the Level 1 scores, across all specialties the IQRs of osteopathic medical students/graduates who matched to their preferred specialties are higher than those who did not match across all specialties.

**Chart  
8**

**Mean Number of Research Experiences of U.S. Osteopathic Medical Students/Graduates  
by Preferred Specialty and Match Status**



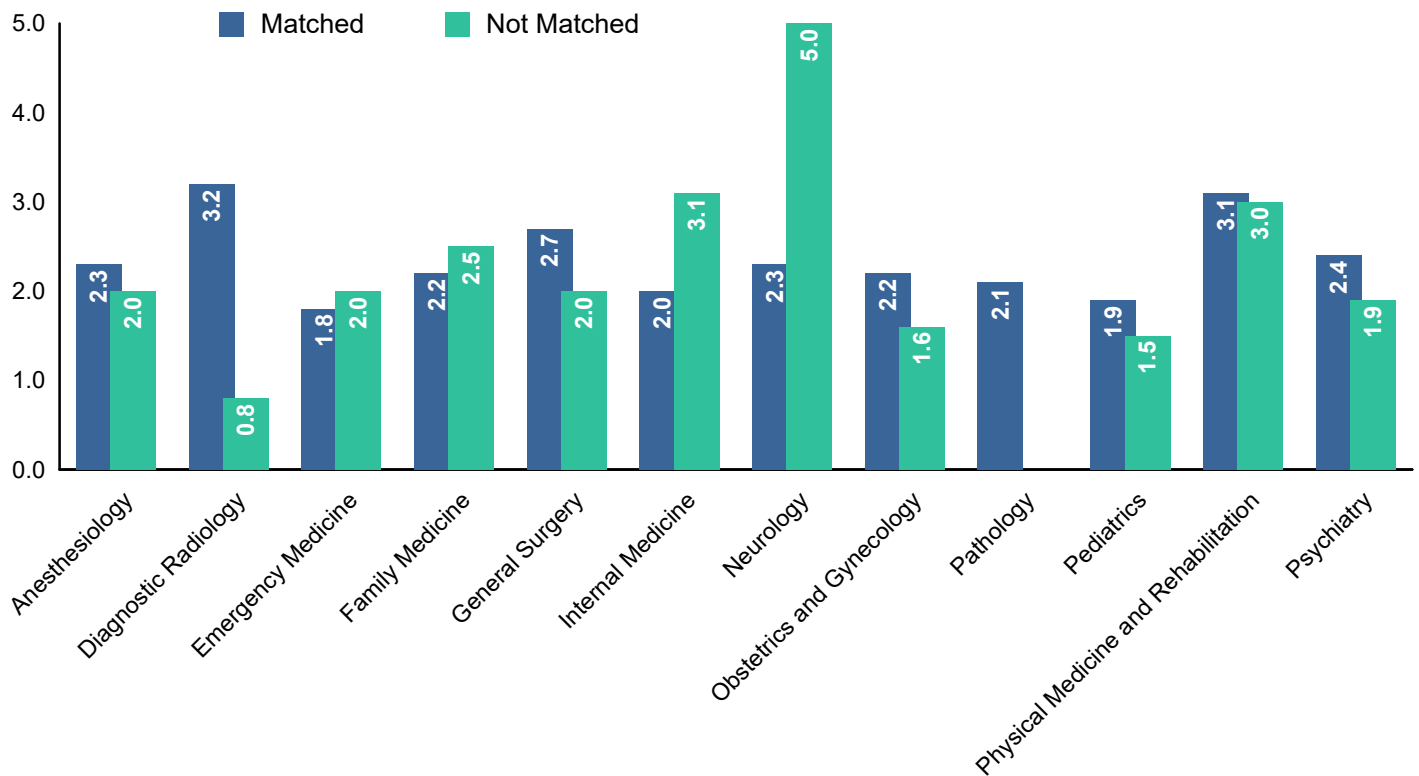
Source: NRMP Data Warehouse

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 8 shows the average number of research experiences by preferred specialty and Match outcome. Osteopathic medical students/graduates averaged 1.8 research experiences, with 58.2 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 Neurology appears to be an outlier, only 15 applicants who preferred Neurology did not match to that specialty; thus, the mean is easily skewed by a small number of applicants.



**Chart  
9**

**Mean Number of Abstracts, Presentations, and Publications of U.S. Osteopathic Medical Students/Graduates by Preferred Specialty and Match Status**



Source: NRMP Data Warehouse

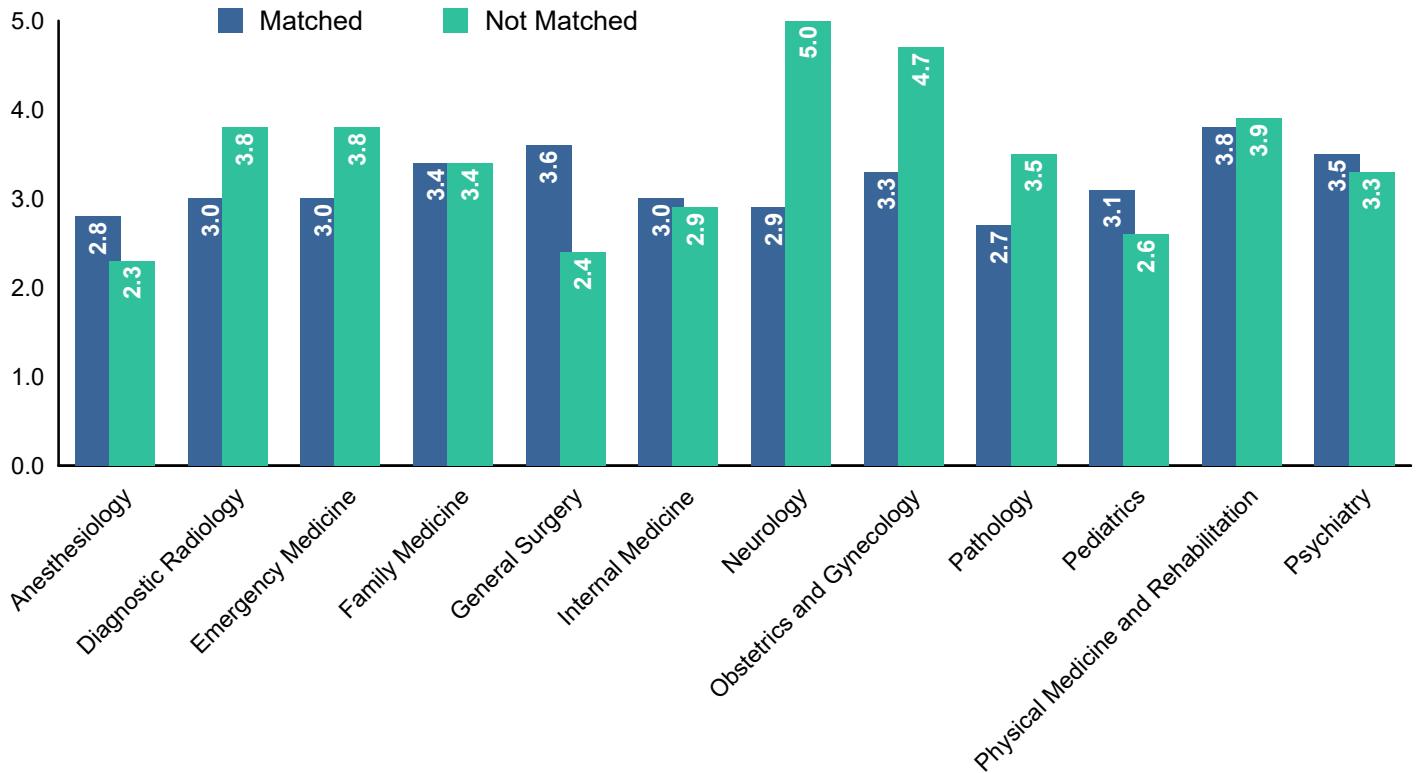
Applicants were asked to list the number of abstracts, presentations, and publications they reported in their ERAS applications. This information is self-reported and may include peer-reviewed articles, abstracts, poster sessions, and invited national or regional presentations. Some residency programs 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 9 shows the mean number of publications by preferred specialty, and Match outcome.

Less than half of osteopathic medical students/graduates (46.8%) reported at least one publication, with an average of 2.4 publications per applicant. Across specialties, the average numbers of publications per osteopathic applicant vary, and no clear pattern exists between the matched and unmatched groups. Although Neurology appears to be an outlier, only 15 applicants who preferred Neurology did not match to that specialty; thus, the mean is easily skewed by a small number of applicants.

**Chart  
10**

**Mean Number of Work Experiences of U.S. Osteopathic Medical Students/Graduates  
by Preferred Specialty and Match Status**

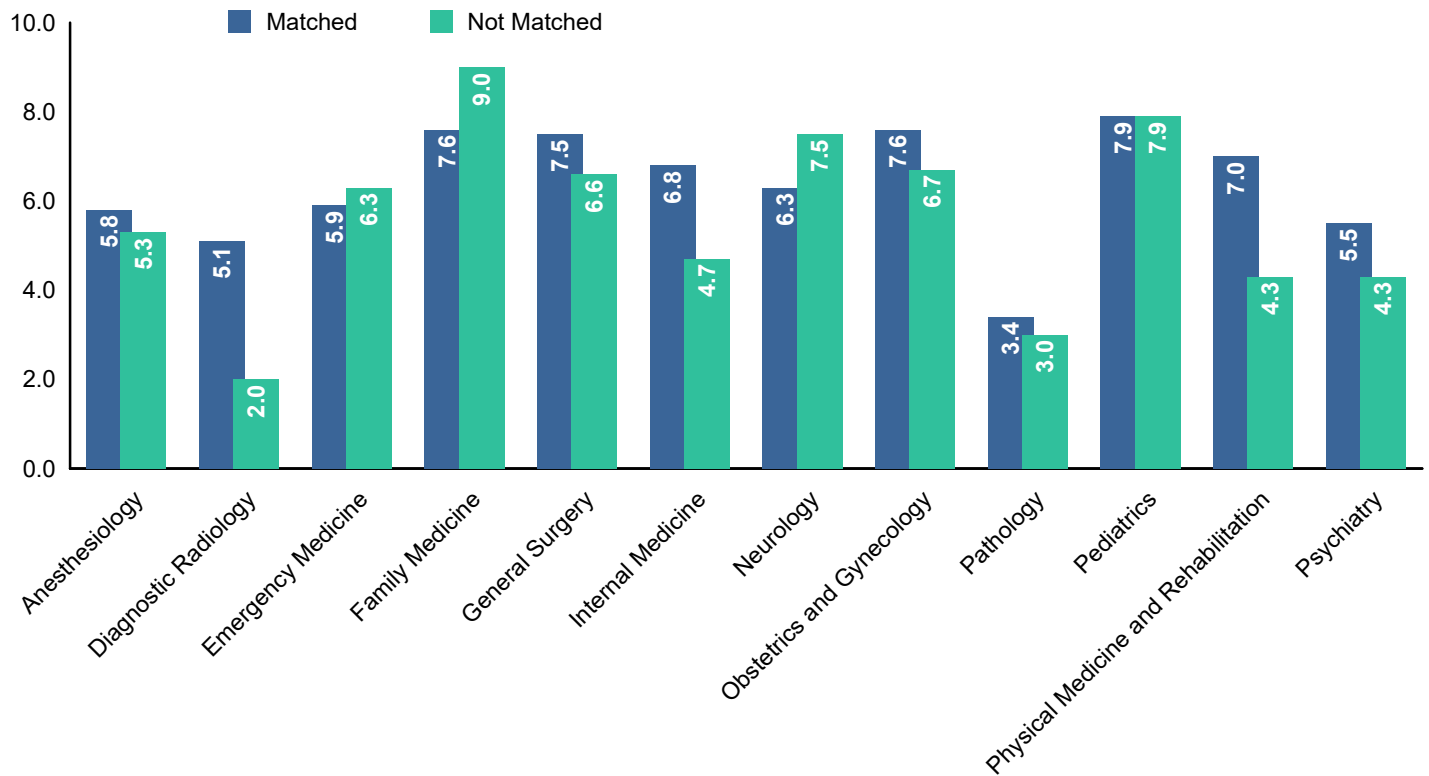


Source: NRMP Data Warehouse

Applicants were asked to list the number of work experiences they reported in their ERAS application. Chart 10 shows the mean number of work experiences by preferred specialty and Match outcome. Osteopathic medical students/graduates average 3.2 work experiences, with 68.3 percent reporting at least one work experience.

**Chart  
11**

**Mean Number of Volunteer Experiences of U.S. Osteopathic Medical Students/Graduates by Preferred Specialty and Match Status**

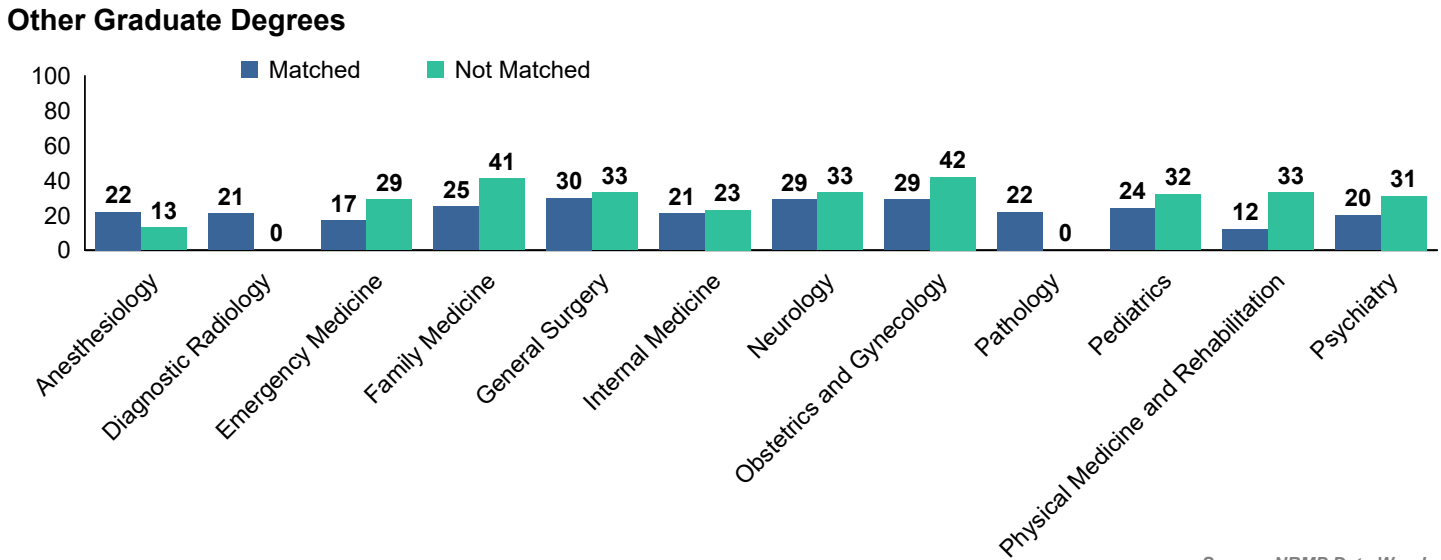
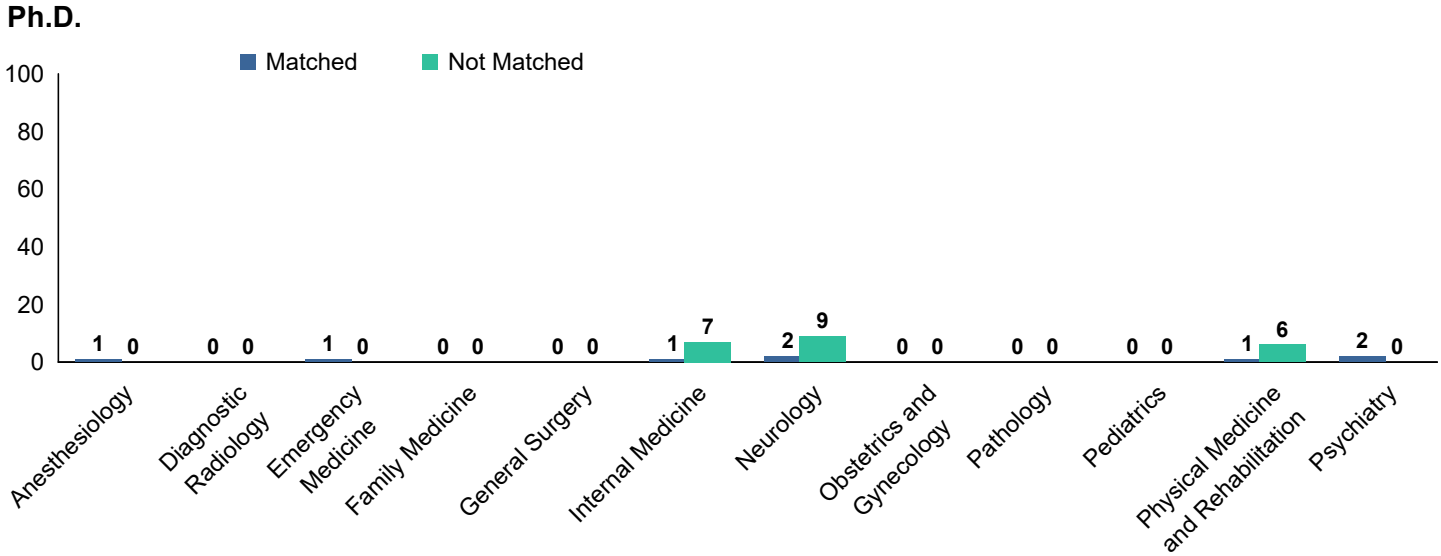


Source: NRMP Data Warehouse

Applicants were asked to list the number of volunteer experiences they reported in their ERAS applications. Chart 11 displays the mean number of volunteer experiences by preferred specialty and Match outcome. Matched osteopathic medical students/graduates in most specialties averaged more volunteer experiences when compared to their unmatched counterparts. Almost three-quarters (71.2%) of osteopathic medical students/graduates reported at least one volunteer experience, with an average of 6.6 volunteer experiences for all osteopathic medical students/graduates.

**Chart 12**

**Percentage of U.S. Osteopathic Medical Students/Graduates Who Have a Graduate Degree by Preferred Specialty and Match Status**



Source: NRMP Data Warehouse

Chart 12 shows by preferred specialty and Match status the percentage of osteopathic medical students/graduates who have a Ph.D. or other graduate degrees. Very few osteopathic medical students/graduates had a Ph.D. degree. With the exception of Anesthesiology, a smaller percentage of osteopathic medical students/graduates who matched to their preferred specialty had another graduate degree compared to their unmatched counterparts. No unmatched osteopathic applicants in Radiology and Pathology reported any data for analysis.

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**AN** Anesthesiology

**Table AN-1** Summary Statistics on U.S. Osteopathic Medical Students/Graduates  
*Anesthesiology*

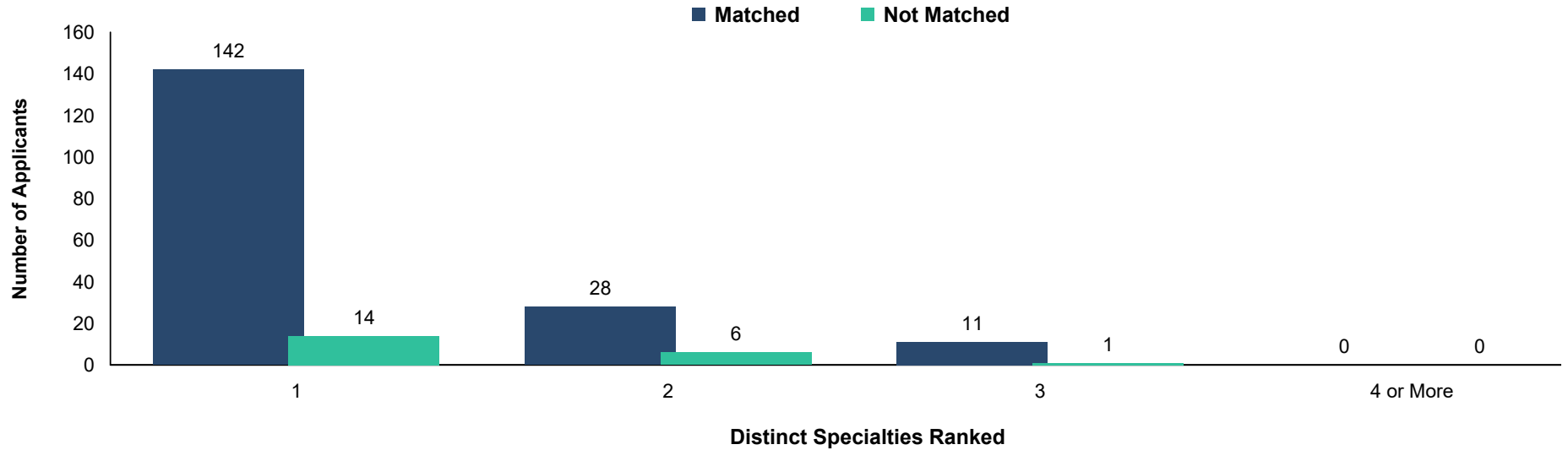
Measure	Matched (n=181)	Unmatched (n=21)
1. Mean number of contiguous ranks	11.8	3.3
2. Mean number of distinct specialties ranked	1.3	1.4
3. Mean COMLEX-USA Level 1 score	590	477
4. Mean COMLEX-USA Level 2-CE score	597	488
5. Mean number of research experiences	1.4	1.4
6. Mean number of abstracts, presentations, and publications	2.3	2.0
7. Mean number of work experiences	2.8	2.3
8. Mean number of volunteer experiences	5.8	5.3
9. Percentage who have a Ph.D. degree	0.6	0.0
10. Percentage who have another graduate degree	22.0	13.3

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

Note: Only osteopathic medical students/graduates who gave consent to use their information in research are included.

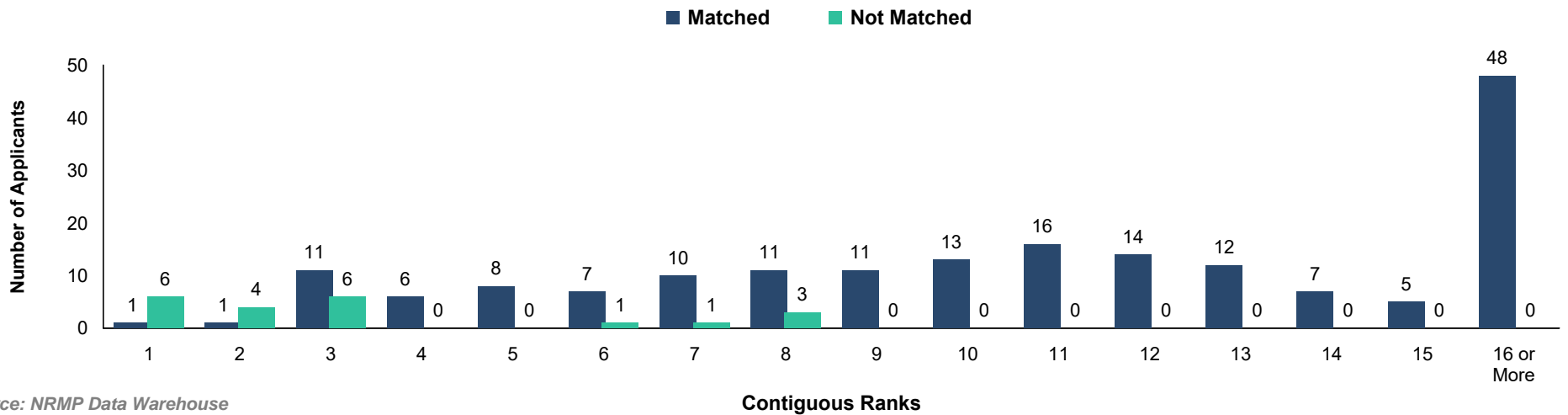
**Chart AN-1**

**Number of Distinct Specialties Ranked by U.S. Osteopathic Medical Students/Graduates  
Anesthesiology**



**Chart AN-2**

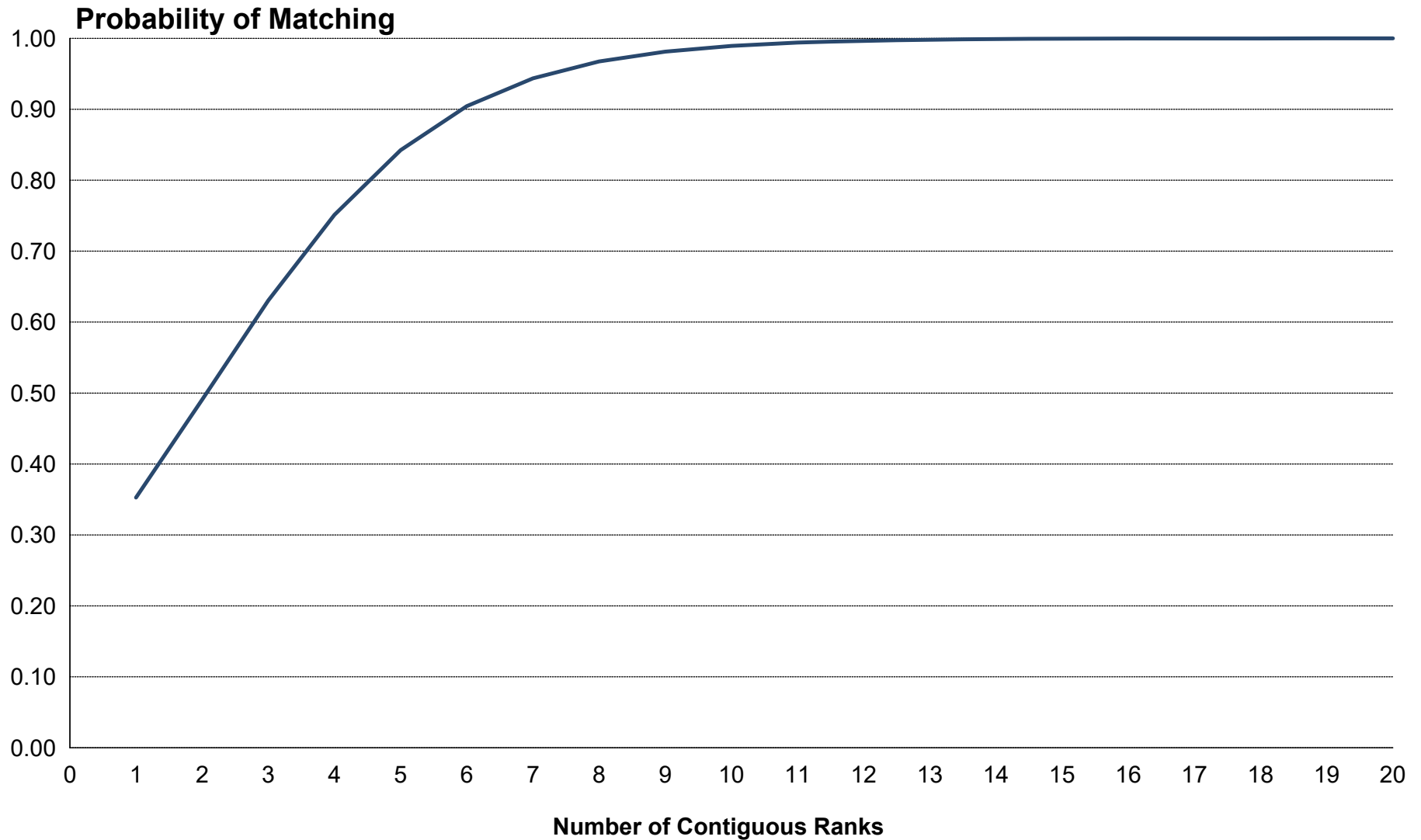
**Number of Contiguous Ranks of U.S. Osteopathic Medical Students and Graduates  
Anesthesiology**



Source: NRMP Data Warehouse

**Graph  
AN-1**

**Probability of U.S. Osteopathic Medical Students/Graduates Matching to Preferred Specialty by  
Number of Contiguous Ranks**  
*Anesthesiology*

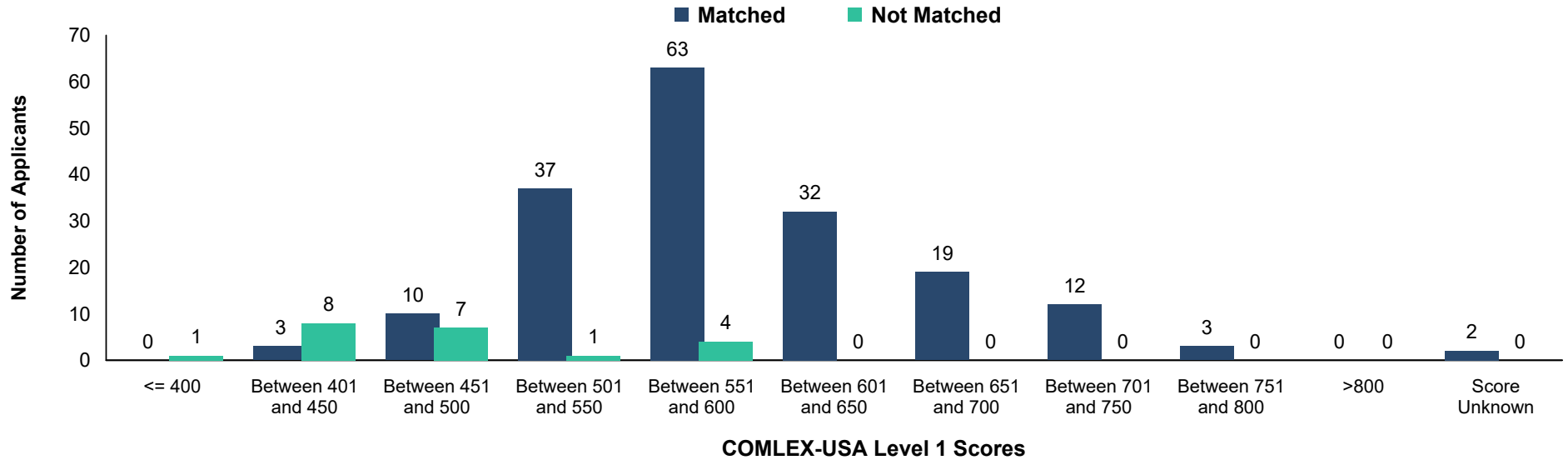


Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2016 applicants only.



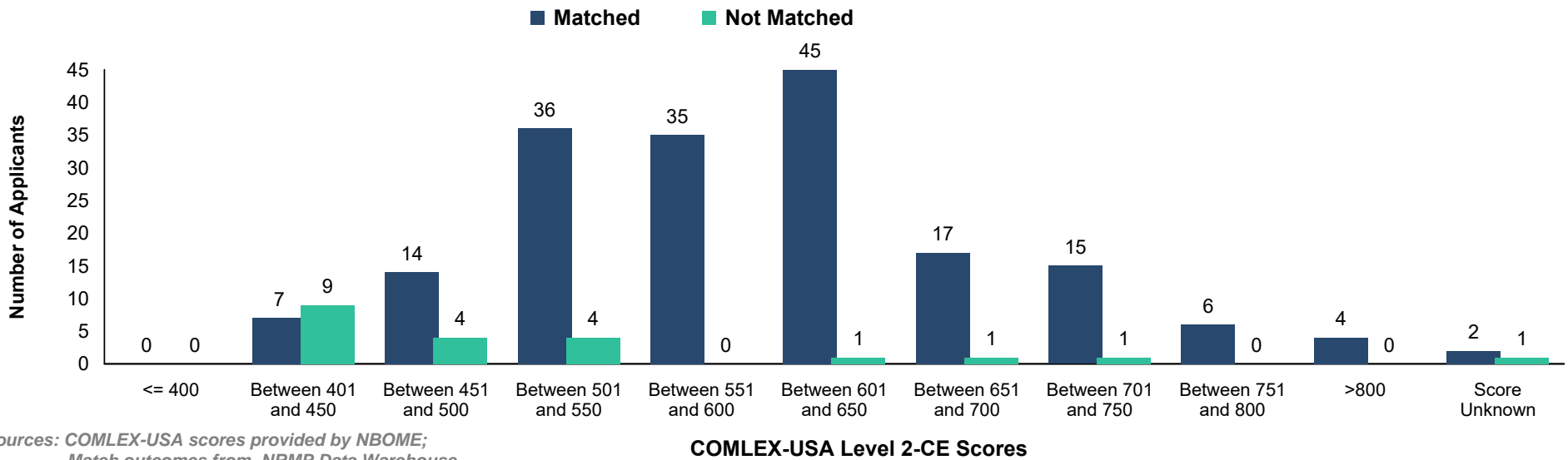
**Chart  
AN-3**

**COMLEX-USA Level 1 Scores of U.S. Osteopathic Medical Students/Graduates  
Anesthesiology**



**Chart  
AN-4**

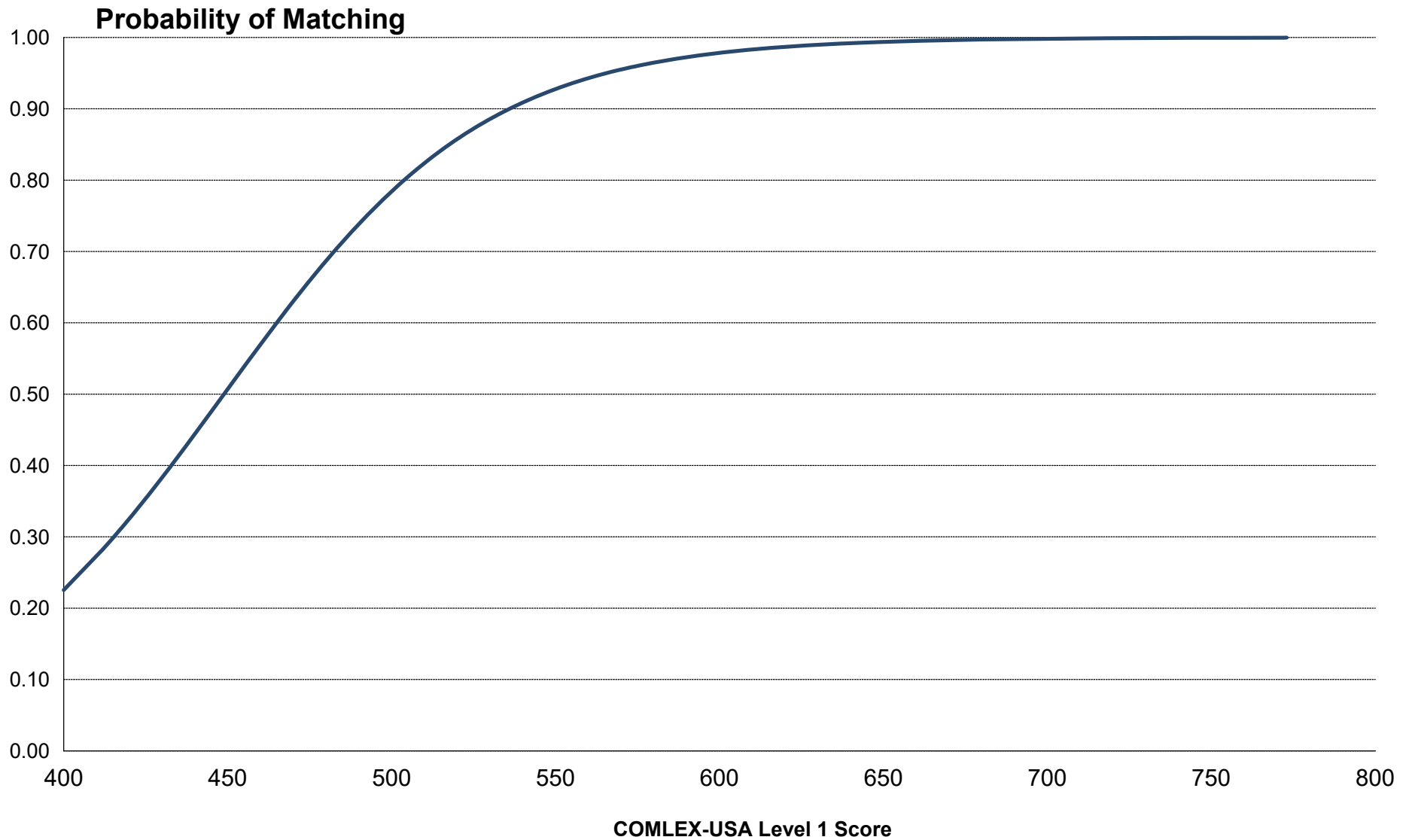
**COMLEX-USA Level 2-CE Scores of U.S. Osteopathic Medical Students and Graduates  
Anesthesiology**



Sources: COMLEX-USA scores provided by NBOME;  
Match outcomes from NRMP Data Warehouse

**Graph  
AN-2**

**Probability of U.S. Osteopathic Medical Students/Graduates Matching to Preferred Specialty by  
COMLEX-USA Level 1 Score**  
*Anesthesiology*



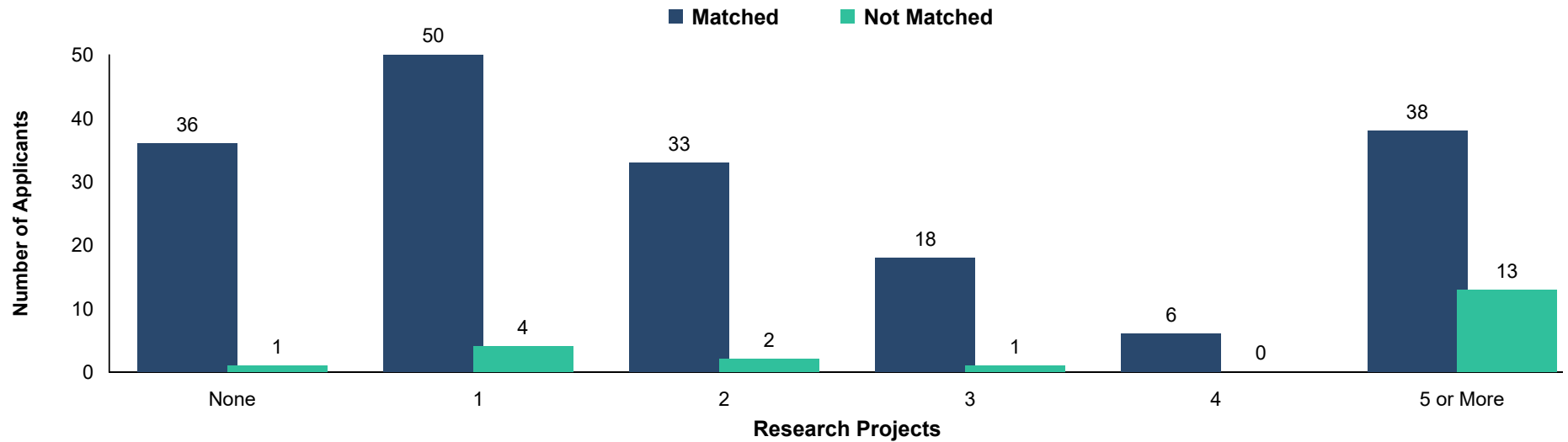
Sources: COMLEX-USA scores provided by NBOME; Match outcomes from NRMP Data Warehouse

Note: Probabilities calculated based on 2016 applicants only.

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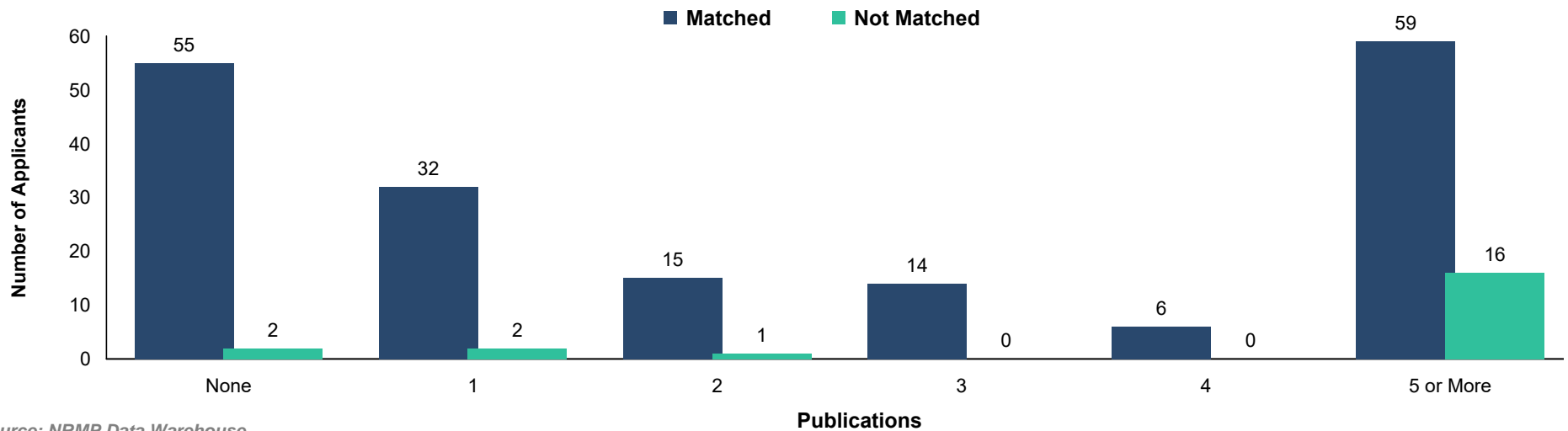
**Chart AN-5**

**Number of Research Projects of U.S. Osteopathic Medical Students/Graduates**



**Chart AN-6**

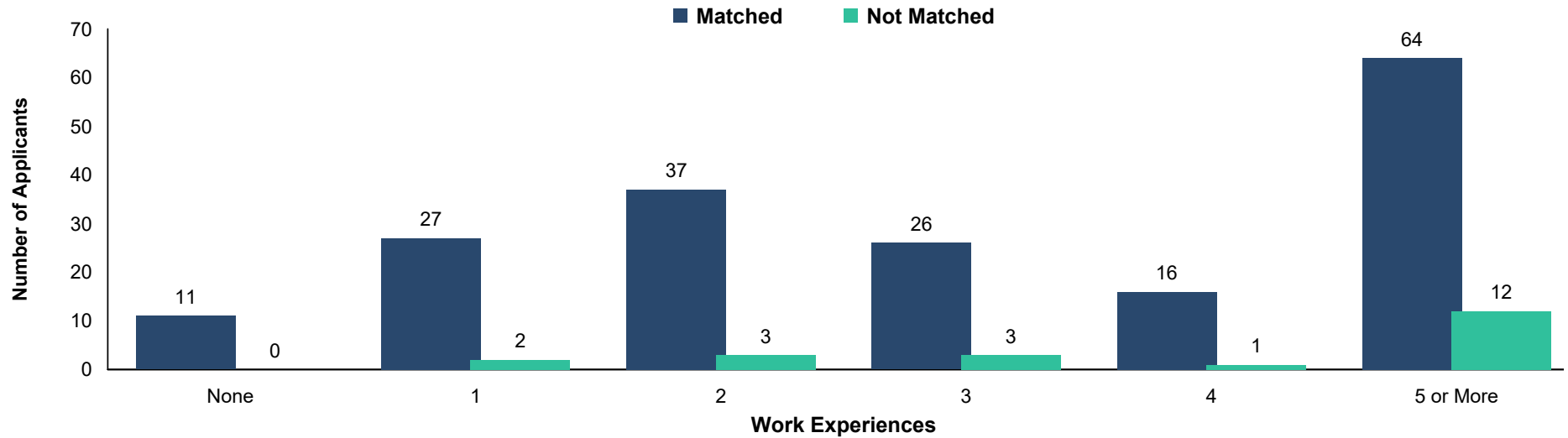
**Number of Abstracts, Presentations, and Publications of U.S. Osteopathic Medical Students and Graduates  
*Anesthesiology***



Source: NRMP Data Warehouse

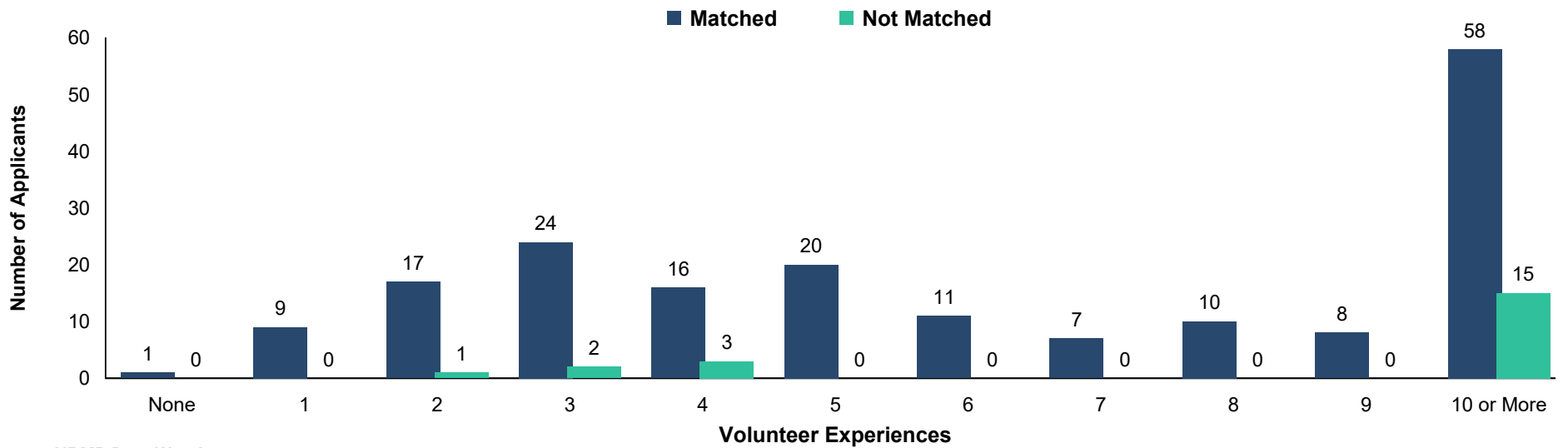
**Chart AN-7**

**Number of Work Experiences of U.S. Osteopathic Medical Students/Graduates**



**Chart AN-8**

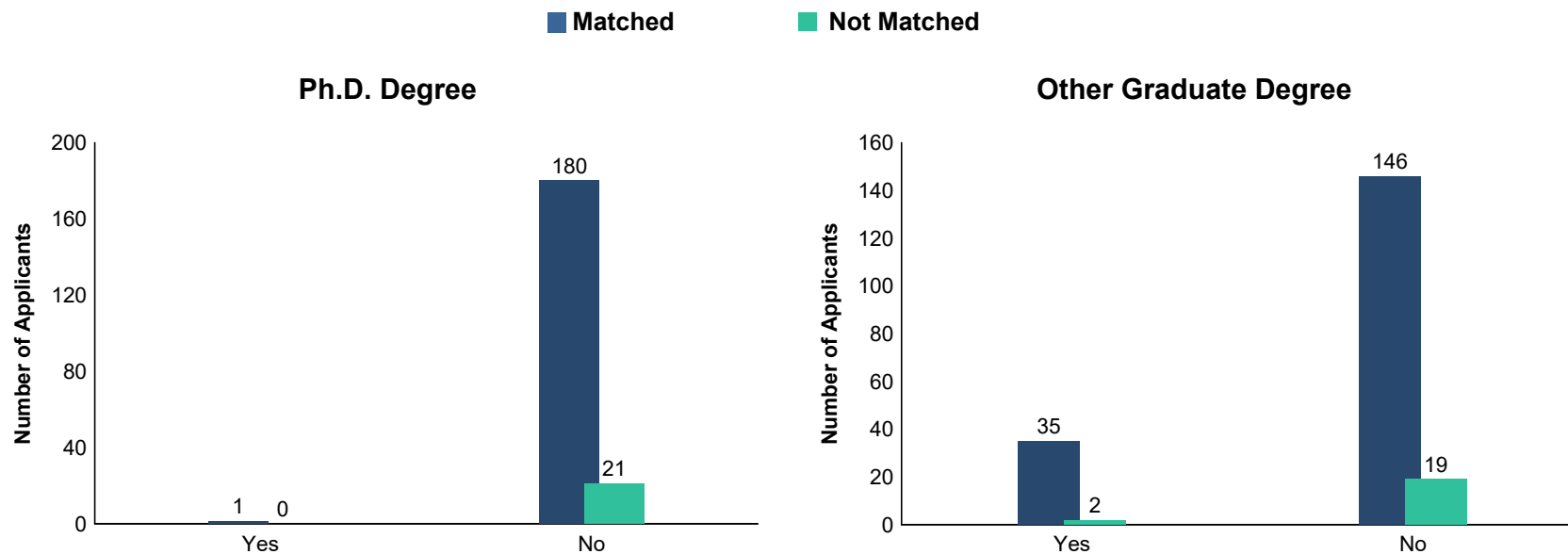
**Number of Volunteer Experiences of U.S. Osteopathic Medical Students and Graduates**



Source: NRMP Data Warehouse

**Chart  
AN-9**

**Other Characteristics of U.S. Osteopathic Medical Students/Graduates  
Anesthesiology**



Source: NRMP Data Warehouse.

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**DR** Diagnostic Radiology

**Table  
DR-1****Summary Statistics on U.S. Osteopathic Medical Students/Graduates  
Diagnostic Radiology**

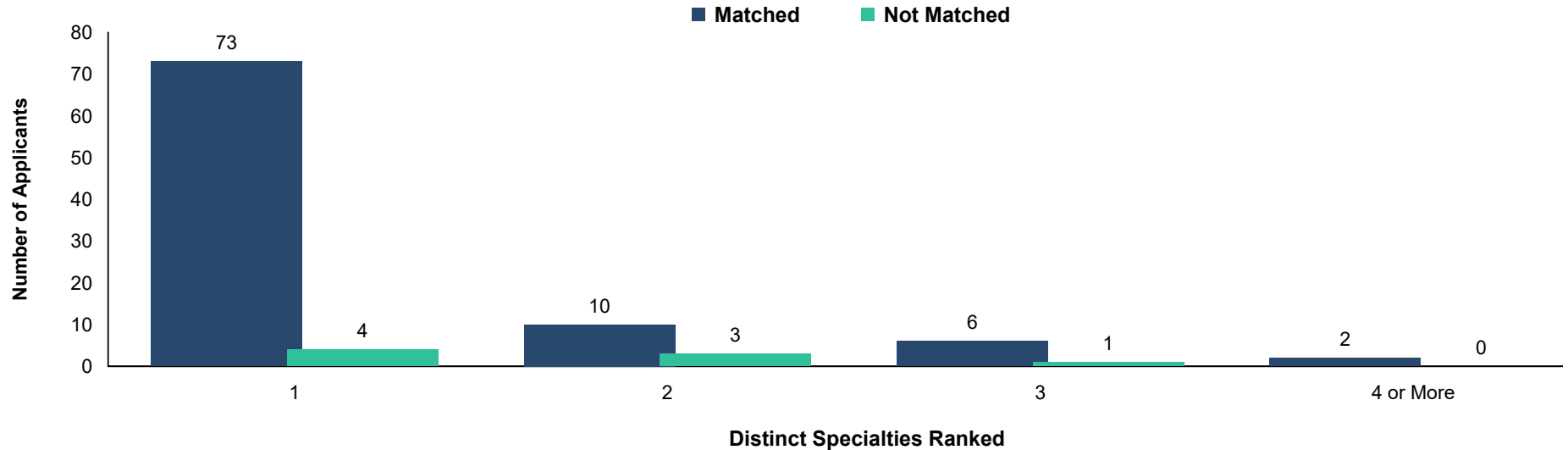
Measure	Matched (n=91)	Unmatched (n=8)
1. Mean number of contiguous ranks	10.2	8.5
2. Mean number of distinct specialties ranked	1.3	1.6
3. Mean COMLEX-USA Level 1 score	615	554
4. Mean COMLEX-USA Level 2-CE score	628	531
5. Mean number of research experiences	1.8	0.5
6. Mean number of abstracts, presentations, and publications	3.2	0.8
7. Mean number of work experiences	3.0	3.8
8. Mean number of volunteer experiences	5.1	2.0
9. Percentage who have a Ph.D. degree	0.0	0.0
10. Percentage who have another graduate degree	21.3	0.0

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

Note: Only osteopathic medical students/graduates who gave consent to use their information in research are included.

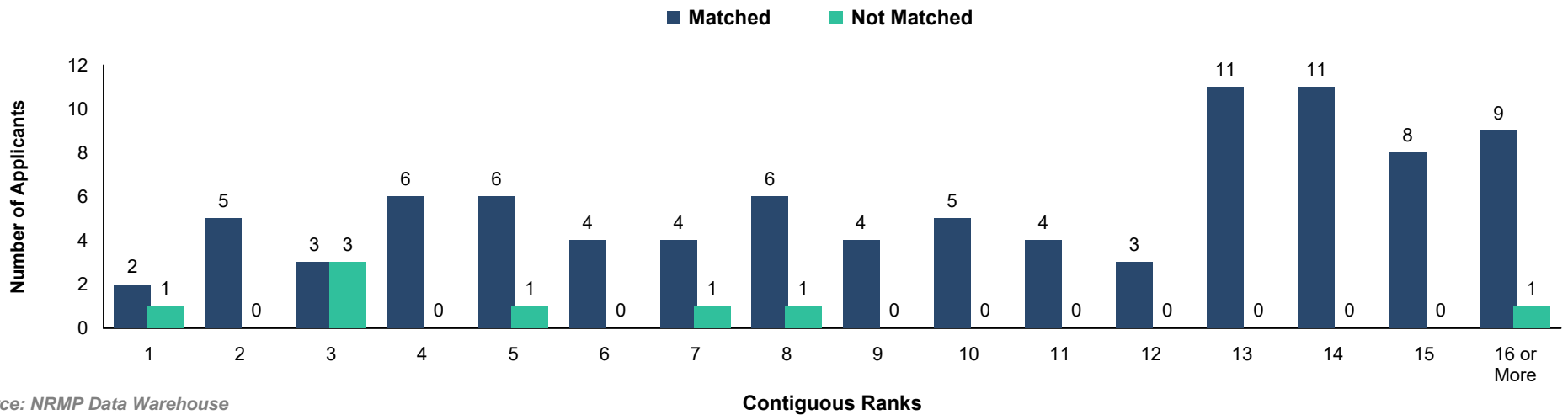
**Chart  
DR-1**

**Number of Distinct Specialties Ranked by U.S. Osteopathic Medical Students/Graduates**  
*Diagnostic Radiology*



**Chart  
DR-2**

**Number of Contiguous Ranks of U.S. Osteopathic Medical Students and Graduates**  
*Diagnostic Radiology*



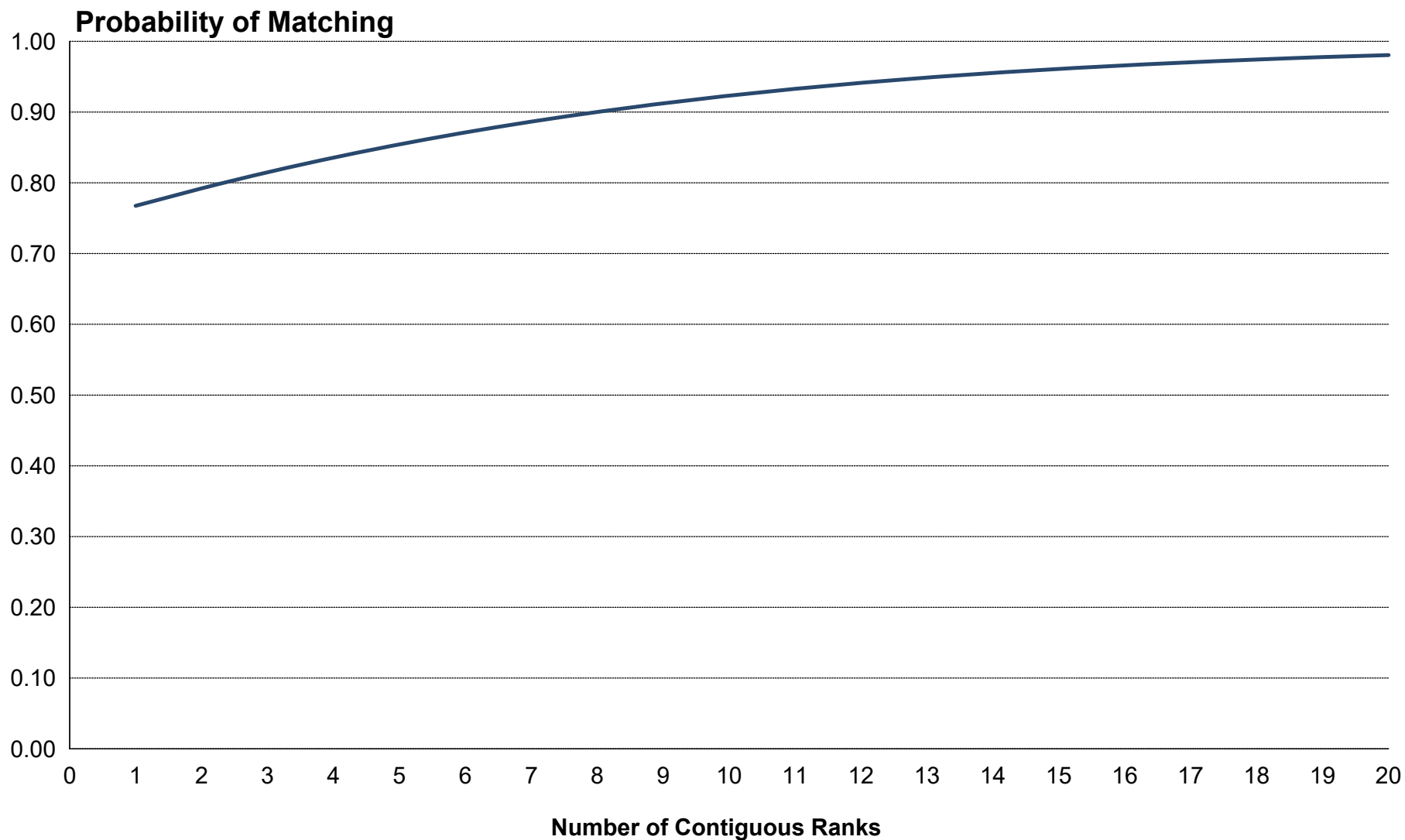
Source: NRMP Data Warehouse



**Graph  
DR-1**

**Probability of U.S. Osteopathic Medical Students/Graduates Matching to Preferred Specialty by  
Number of Contiguous Ranks**

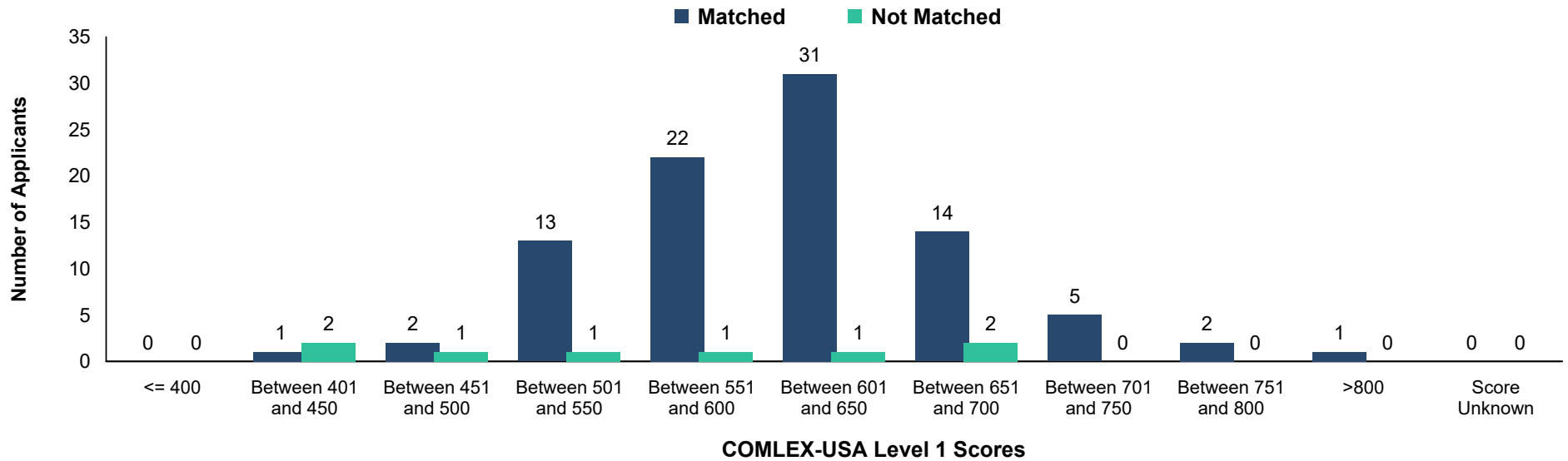
*Diagnostic Radiology*



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

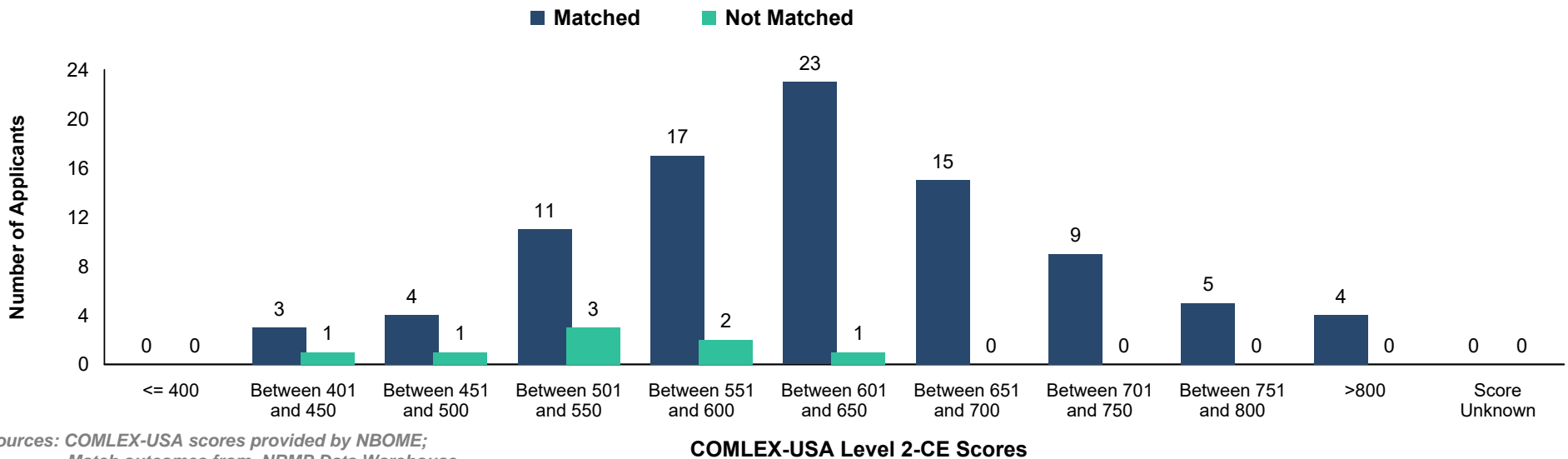
**Chart  
DR-3**

**COMLEX-USA Level 1 Scores of U.S. Osteopathic Medical Students/Graduates**  
*Diagnostic Radiology*



**Chart  
DR-4**

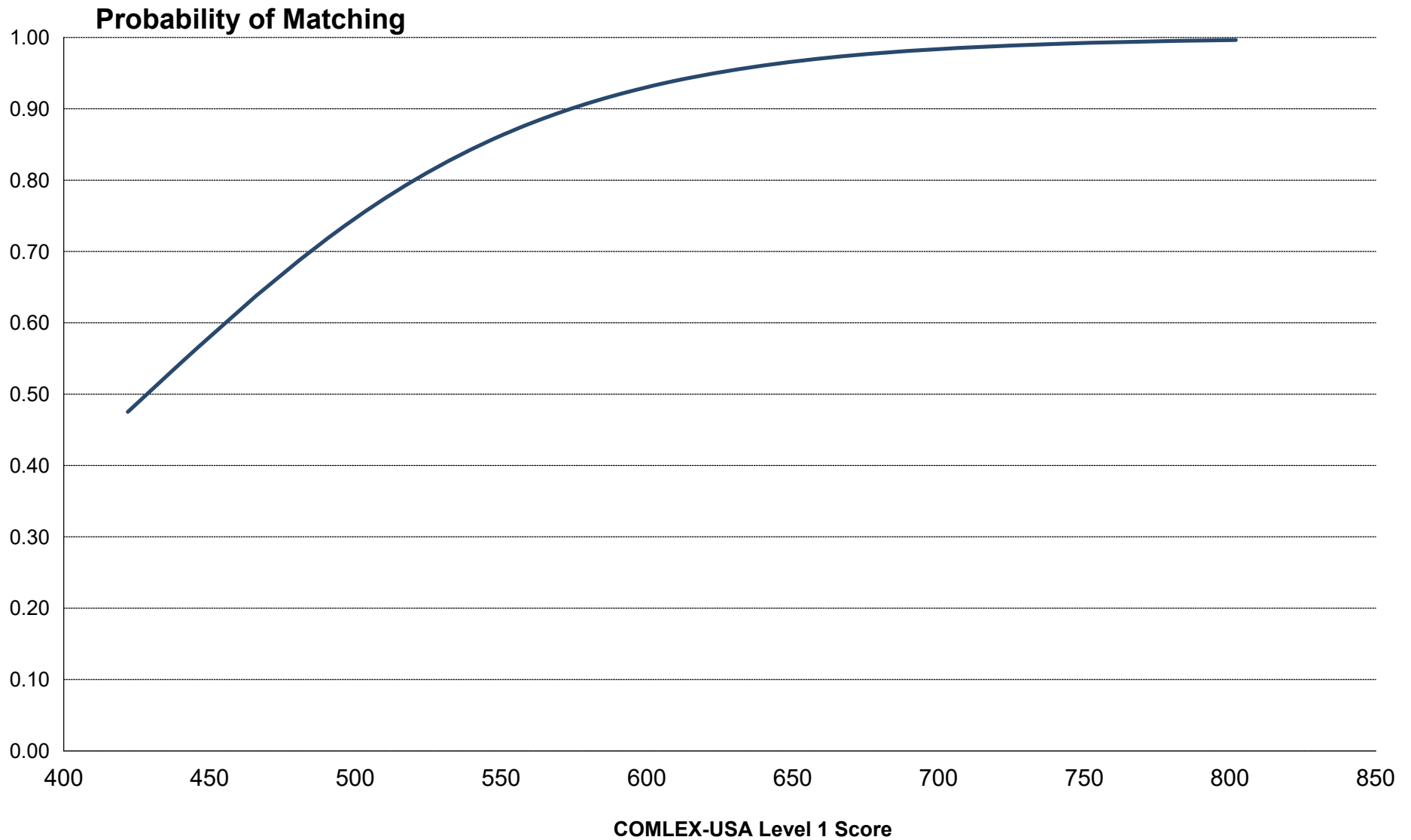
**COMLEX-USA Level 2-CE Scores of U.S. Osteopathic Medical Students and Graduates**  
*Diagnostic Radiology*



Sources: COMLEX-USA scores provided by NBOME;  
Match outcomes from NRMP Data Warehouse

**Graph  
DR-2**

**Probability of U.S. Osteopathic Medical Students/Graduates Matching to Preferred Specialty by  
COMLEX-USA Level 1 Score**  
*Diagnostic Radiology*



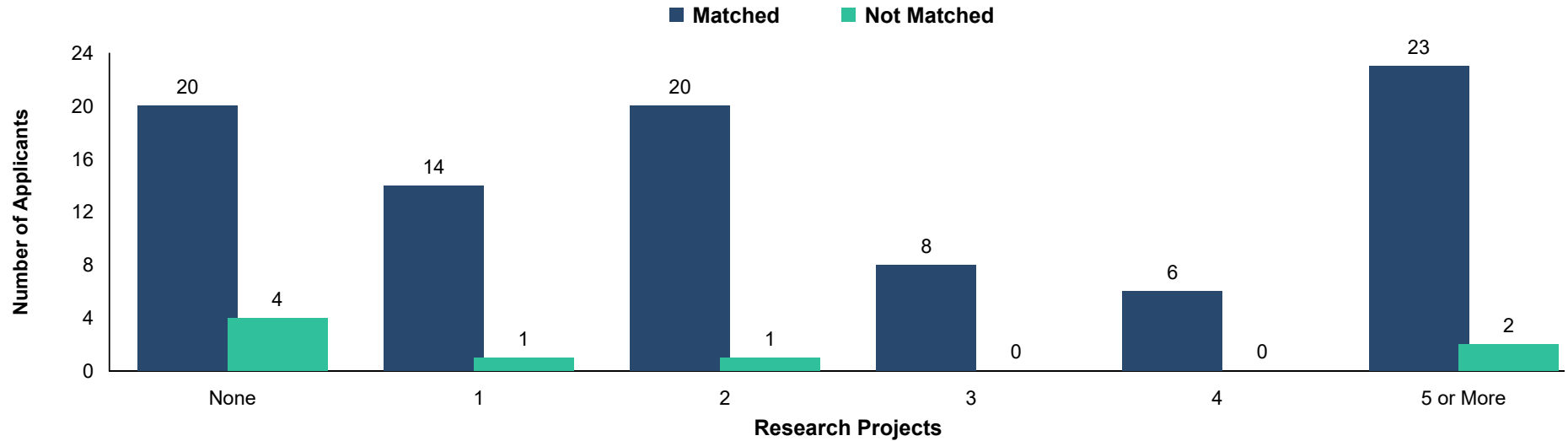
Sources: COMLEX-USA scores provided by NBOME; Match outcomes from NRMP Data Warehouse

Note: Probabilities calculated based on 2016 applicants only.

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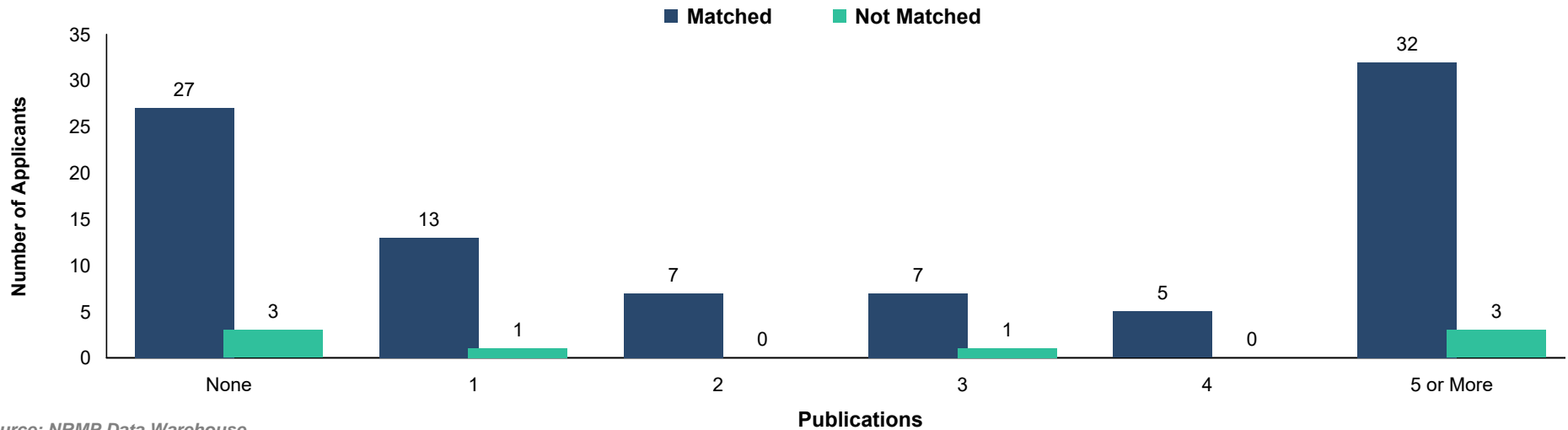
**Chart  
DR-5**

### Number of Research Projects of U.S. Osteopathic Medical Students/Graduates



**Chart  
DR-6**

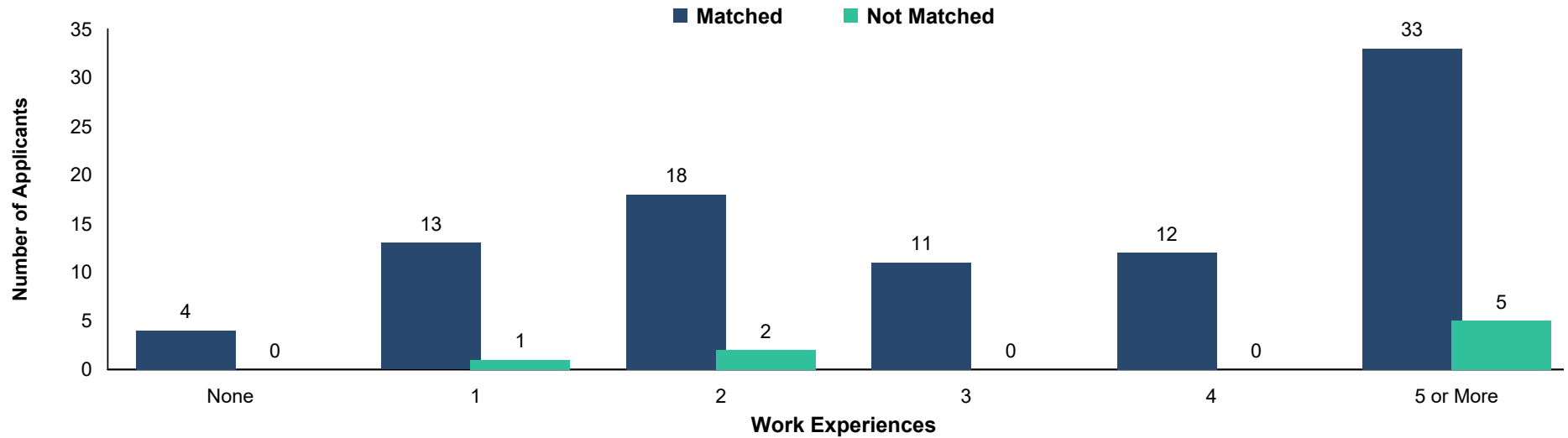
### Number of Abstracts, Presentations, and Publications of U.S. Osteopathic Medical Students and Graduates *Diagnostic Radiology*



Source: NRMP Data Warehouse

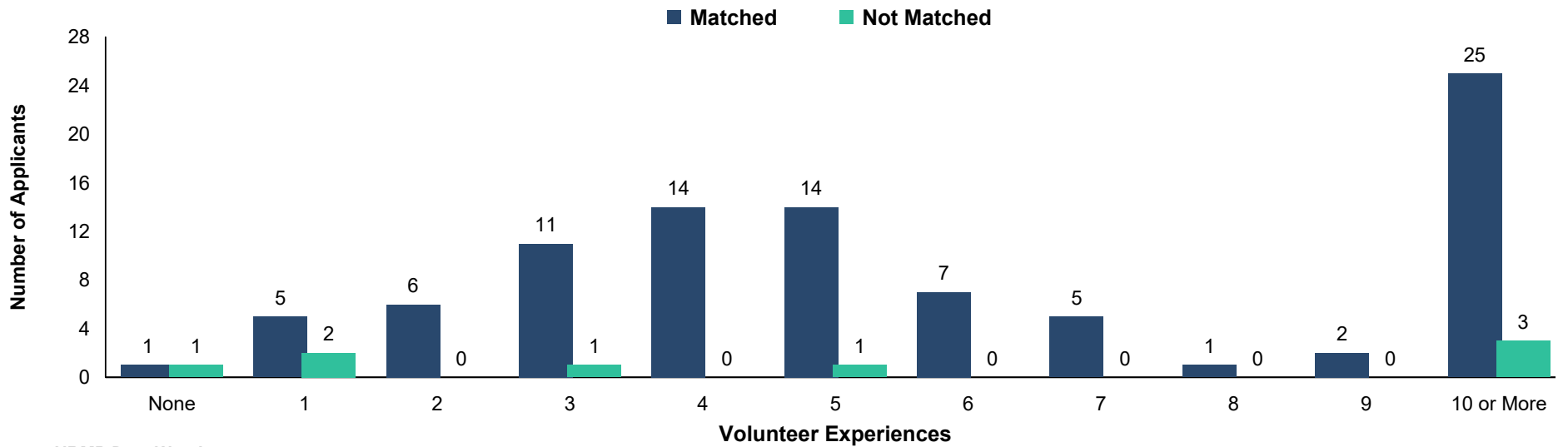
**Chart  
DR-7**

**Number of Work Experiences of U.S. Osteopathic Medical Students/Graduates**



**Chart  
DR-8**

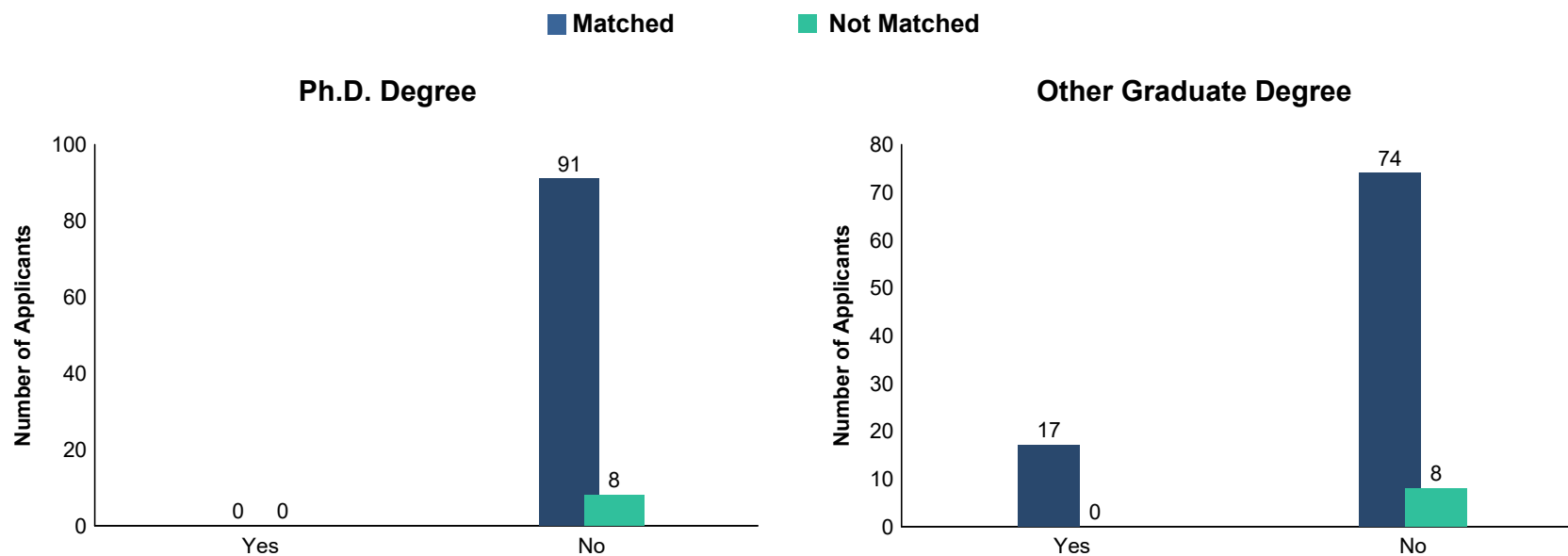
**Number of Volunteer Experiences of U.S. Osteopathic Medical Students and Graduates**



Source: NRMP Data Warehouse

**Chart  
DR-9**

**Other Characteristics of U.S. Osteopathic Medical Students/Graduates  
*Diagnostic Radiology***



Source: NRMP Data Warehouse.

---

**EM** **Emergency Medicine**

**Table EM-1** **Summary Statistics on U.S. Osteopathic Medical Students/Graduates**  
*Emergency Medicine*

Measure	Matched (n=204)	Unmatched (n=60)
1. Mean number of contiguous ranks	10.1	3.7
2. Mean number of distinct specialties ranked	1.1	1.4
3. Mean COMLEX-USA Level 1 score	593	524
4. Mean COMLEX-USA Level 2-CE score	610	528
5. Mean number of research experiences	1.5	1.7
6. Mean number of abstracts, presentations, and publications	1.8	2.0
7. Mean number of work experiences	3.0	3.8
8. Mean number of volunteer experiences	5.9	6.3
9. Percentage who have a Ph.D. degree	0.5	0.0
10. Percentage who have another graduate degree	17.2	28.6

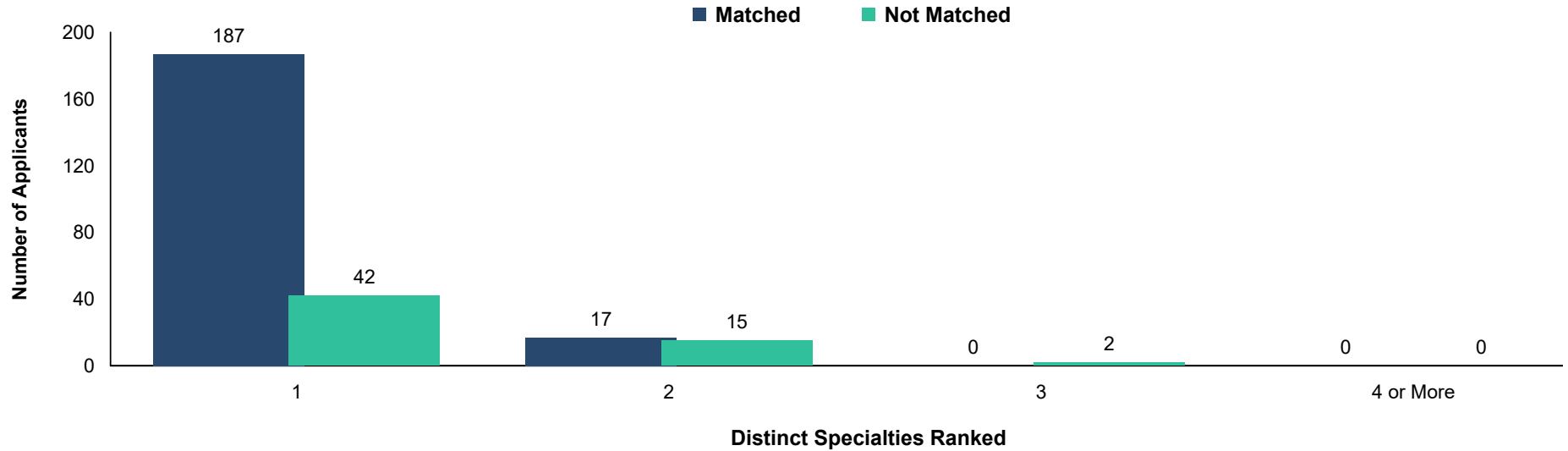
Sources: NRMP Data Warehouse; COMLEX-USA scores provided by NBOME.

Note: Only osteopathic medical students/graduates who gave consent to use their information in research are included.



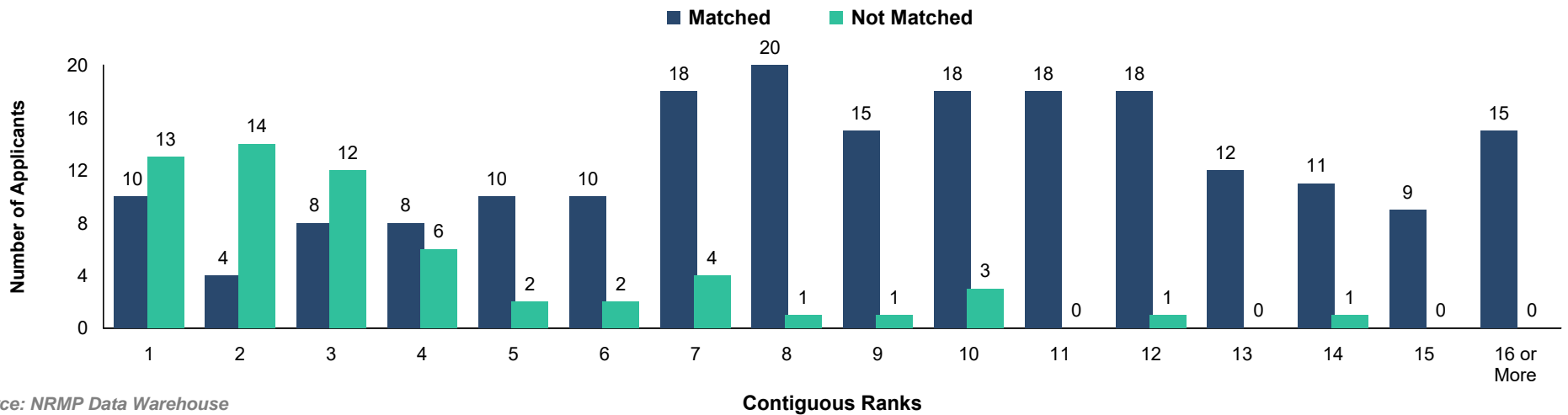
**Chart  
EM-1**

**Number of Distinct Specialties Ranked by U.S. Osteopathic Medical Students/Graduates  
*Emergency Medicine***



**Chart  
EM-2**

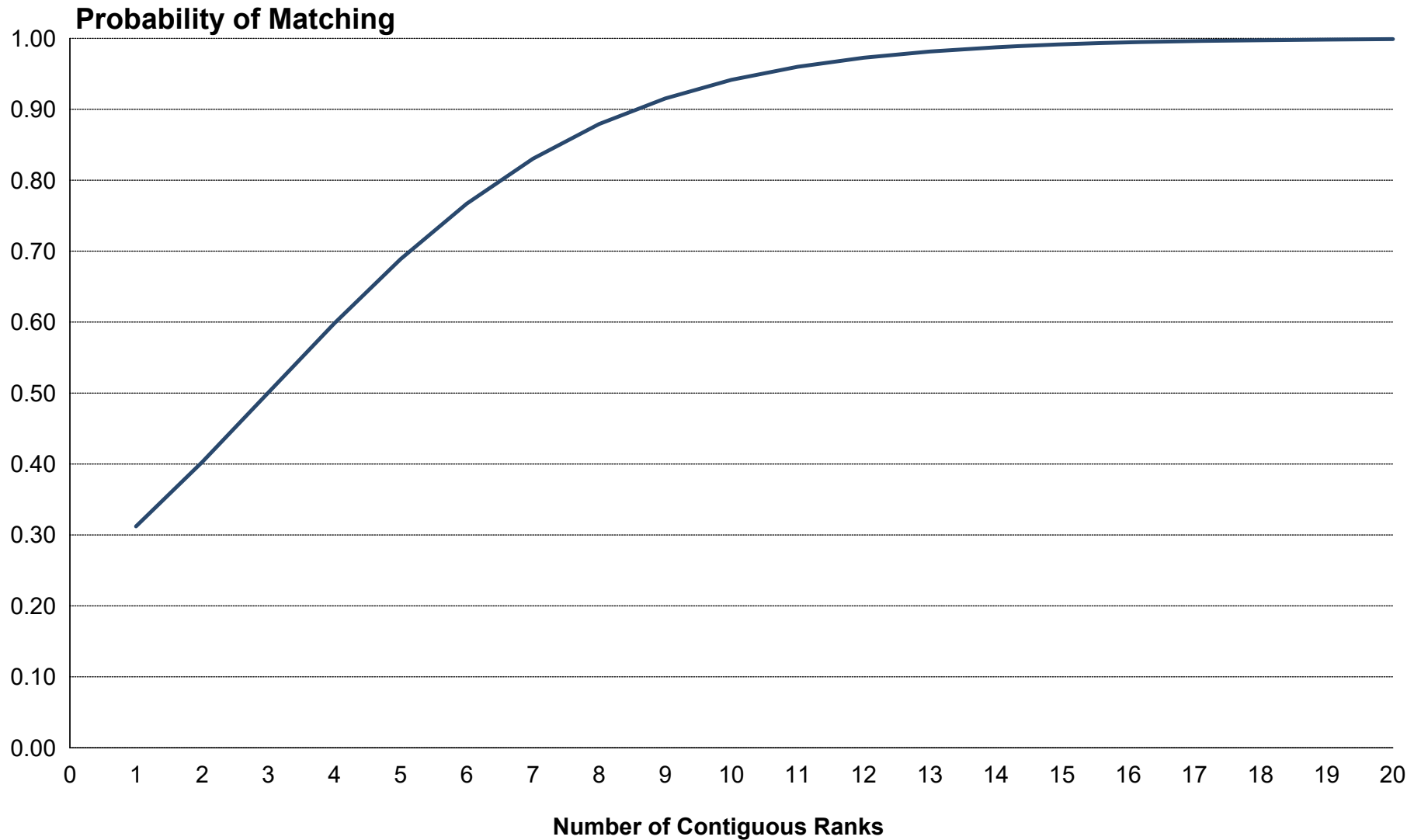
**Number of Contiguous Ranks of U.S. Osteopathic Medical Students and Graduates  
*Emergency Medicine***



Source: NRMP Data Warehouse

**Graph  
EM-1**

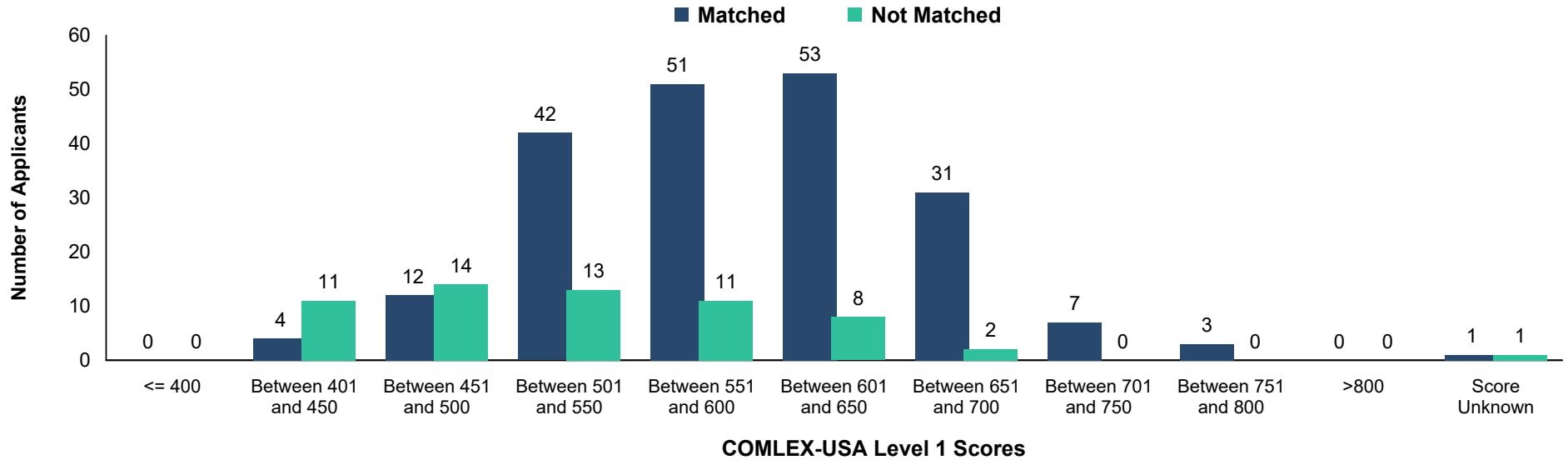
**Probability of U.S. Osteopathic Medical Students/Graduates Matching to Preferred Specialty by  
Number of Contiguous Ranks**  
*Emergency Medicine*



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

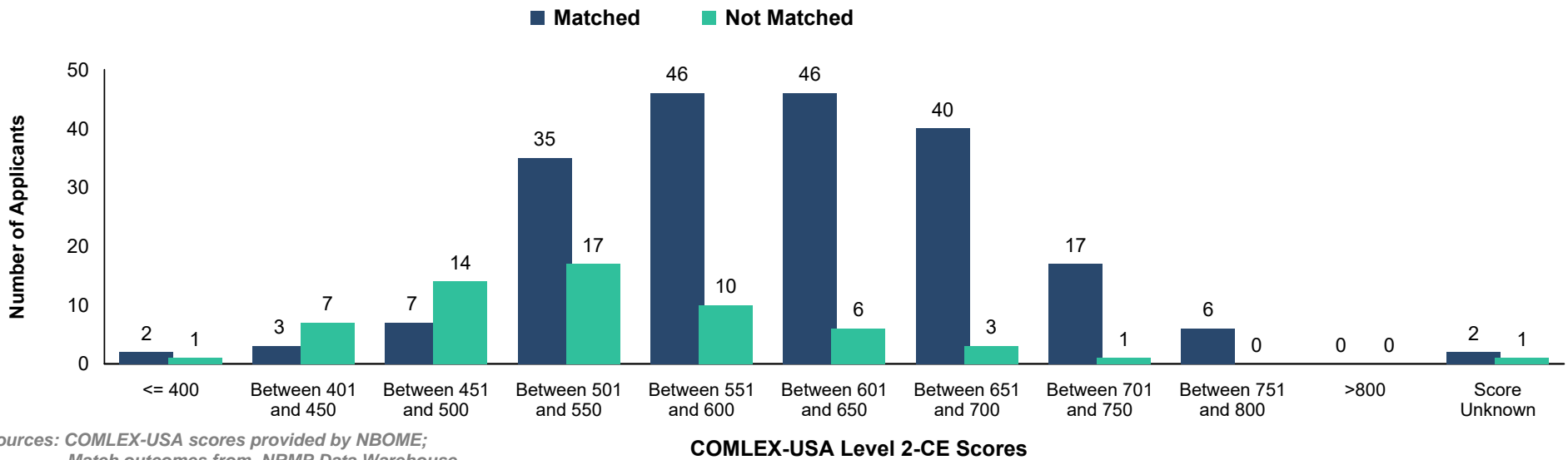
**Chart  
EM-3**

**COMLEX-USA Level 1 Scores of U.S. Osteopathic Medical Students/Graduates  
Emergency Medicine**



**Chart  
EM-4**

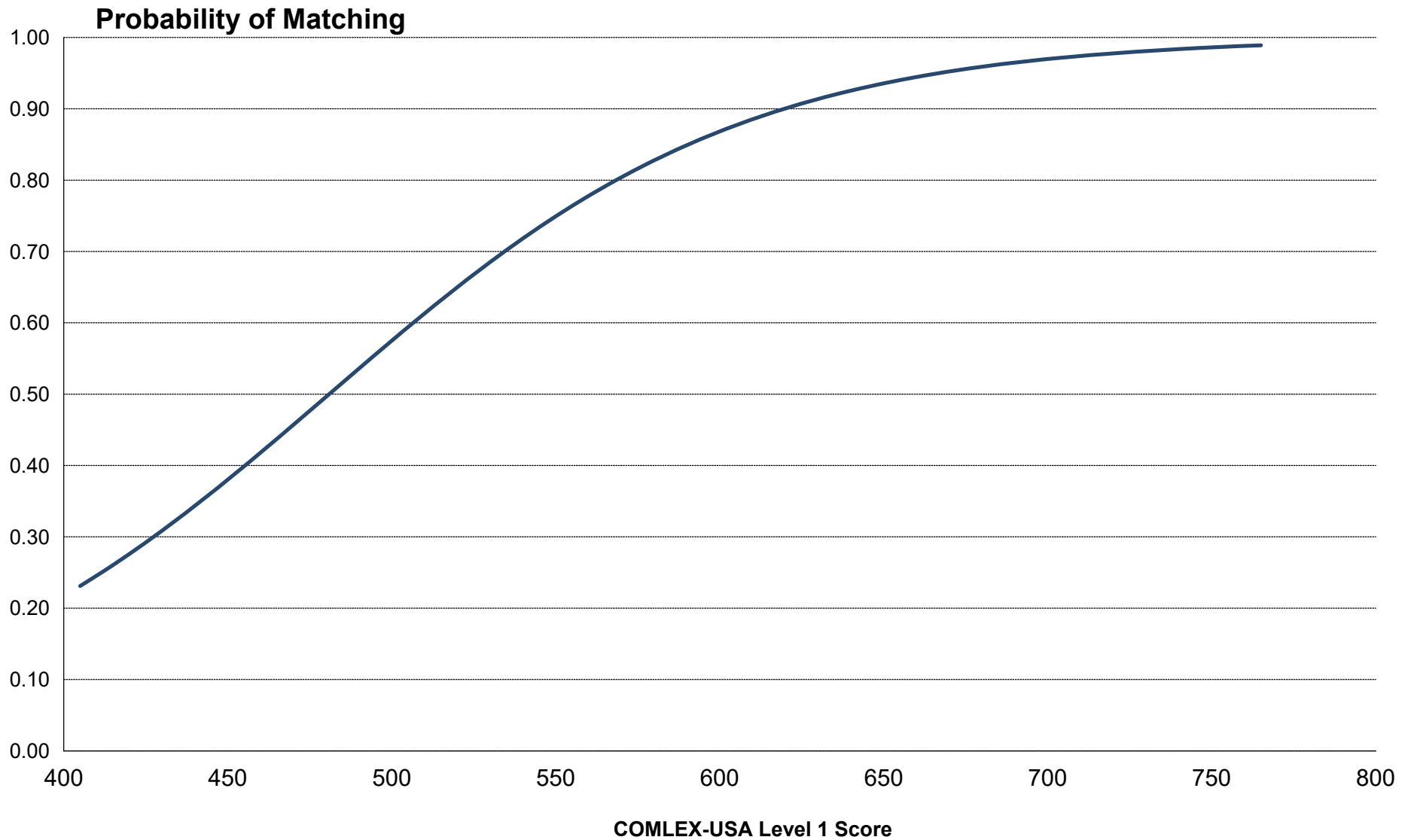
**COMLEX-USA Level 2-CE Scores of U.S. Osteopathic Medical Students and Graduates  
Emergency Medicine**



Sources: COMLEX-USA scores provided by NBOME;  
Match outcomes from NRMP Data Warehouse

**Graph  
EM-2**

**Probability of U.S. Osteopathic Medical Students/Graduates Matching to Preferred Specialty by  
COMLEX-USA Level 1 Score**  
*Emergency Medicine*



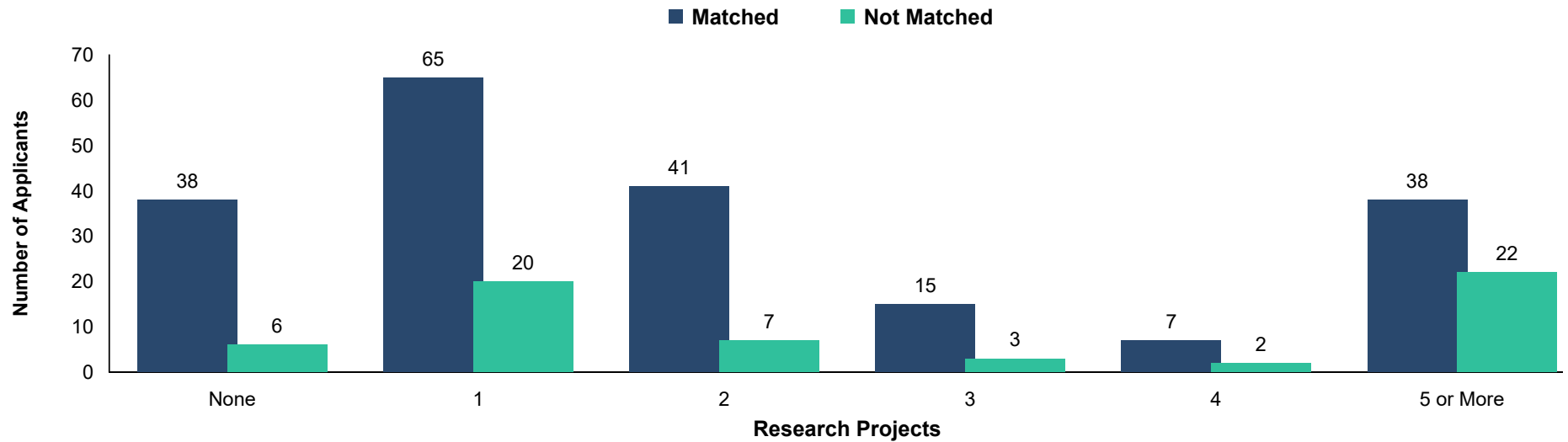
Sources: COMLEX-USA scores provided by NBOME; Match outcomes from NRMP Data Warehouse

Note: Probabilities calculated based on 2016 applicants only.

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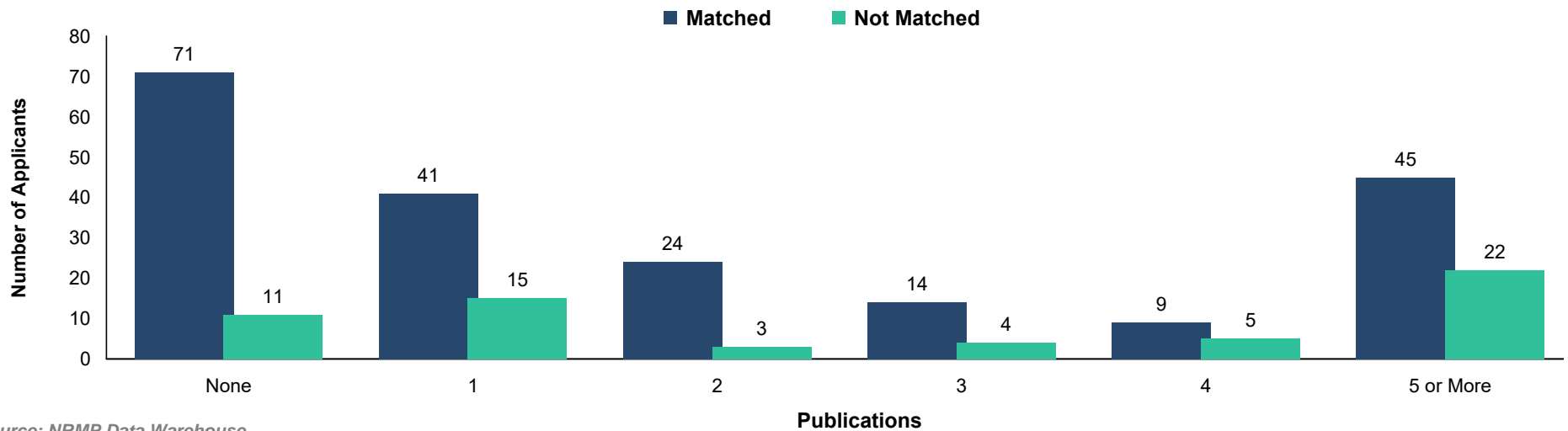
**Chart  
EM-5**

### Number of Research Projects of U.S. Osteopathic Medical Students/Graduates



**Chart  
EM-6**

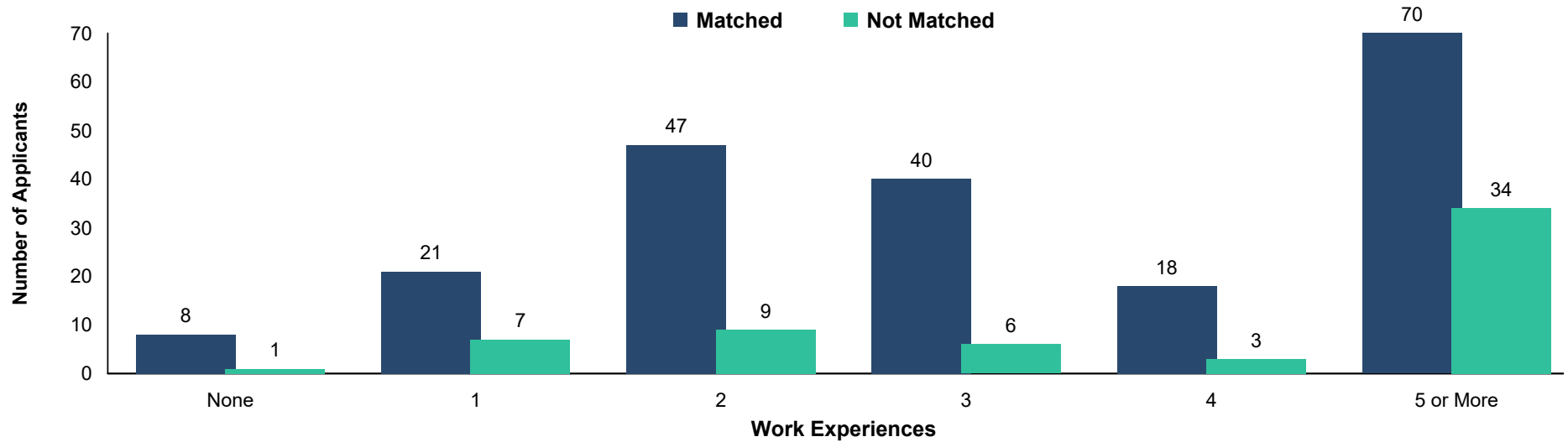
### Number of Abstracts, Presentations, and Publications of U.S. Osteopathic Medical Students and Graduates *Emergency Medicine*



Source: NRMP Data Warehouse

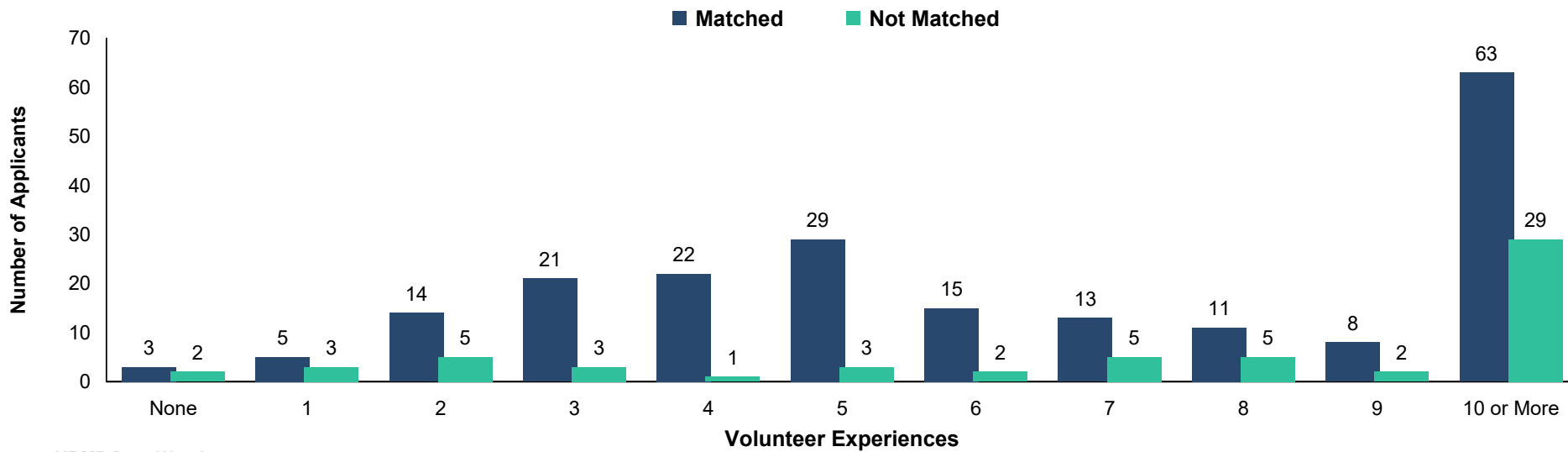
**Chart EM-7**

**Number of Work Experiences of U.S. Osteopathic Medical Students/Graduates**



**Chart EM-8**

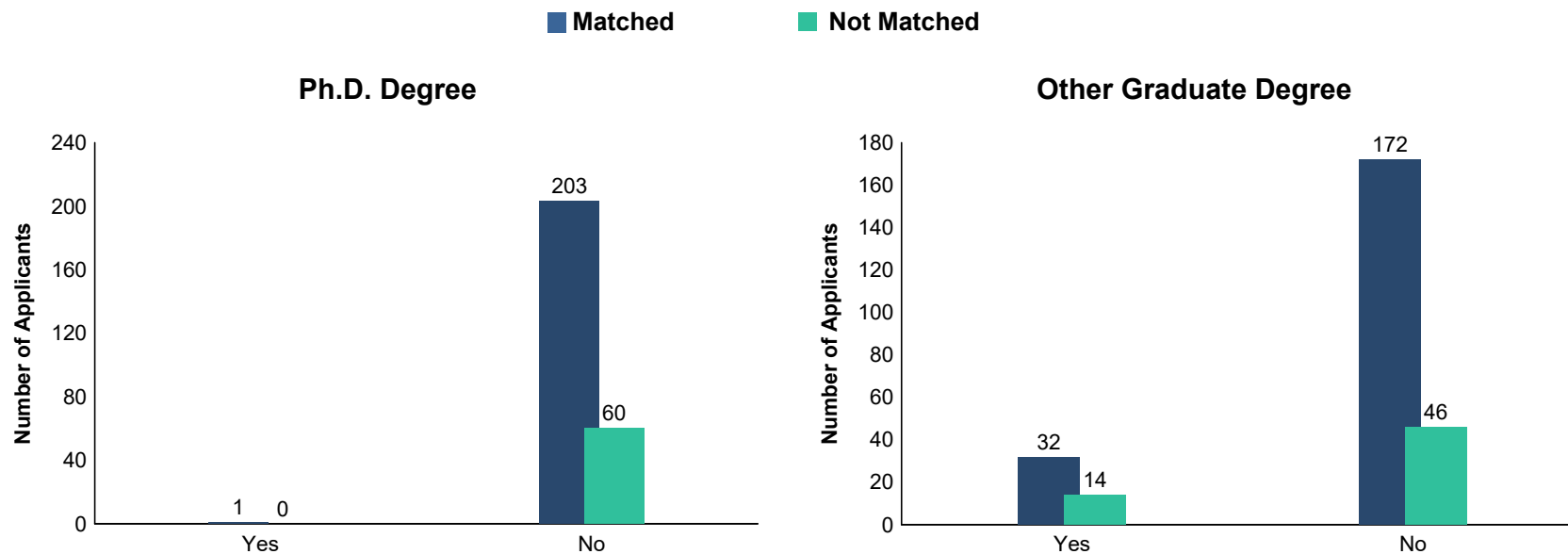
**Number of Volunteer Experiences of U.S. Osteopathic Medical Students and Graduates**



Source: NRMP Data Warehouse

**Chart  
EM-9**

**Other Characteristics of U.S. Osteopathic Medical Students/Graduates  
Emergency Medicine**



Source: NRMP Data Warehouse.

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**FM** Family Medicine



**Table FM-1** Summary Statistics on U.S. Osteopathic Medical Students/Graduates  
*Family Medicine*

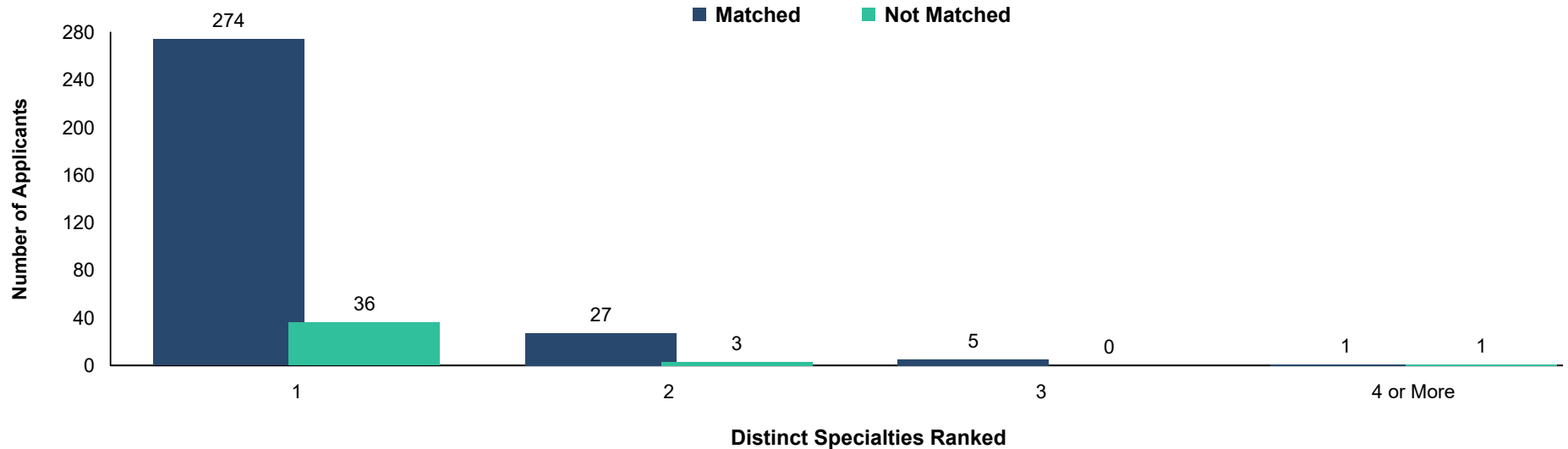
Measure	Matched (n=307)	Unmatched (n=40)
1. Mean number of contiguous ranks	8.5	4.2
2. Mean number of distinct specialties ranked	1.1	1.2
3. Mean COMLEX-USA Level 1 score	525	483
4. Mean COMLEX-USA Level 2-CE score	539	473
5. Mean number of research experiences	1.5	1.8
6. Mean number of abstracts, presentations, and publications	2.2	2.5
7. Mean number of work experiences	3.4	3.4
8. Mean number of volunteer experiences	7.6	9.0
9. Percentage who have a Ph.D. degree	0.4	0.0
10. Percentage who have another graduate degree	24.8	40.6

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

Note: Only osteopathic medical students/graduates who gave consent to use their information in research are included.

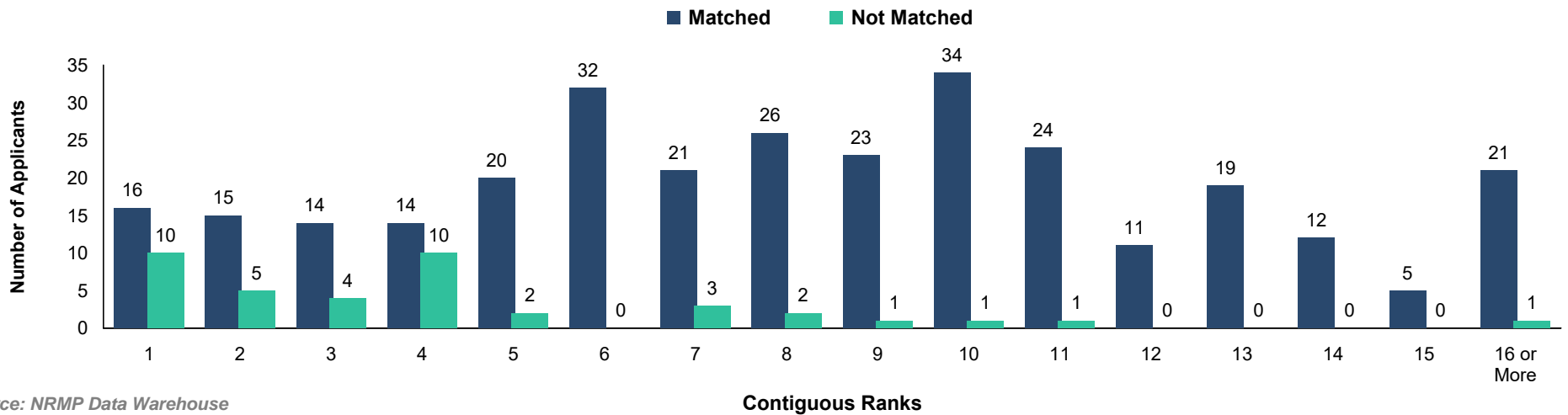
**Chart  
FM-1**

**Number of Distinct Specialties Ranked by U.S. Osteopathic Medical Students/Graduates  
Family Medicine**



**Chart  
FM-2**

**Number of Contiguous Ranks of U.S. Osteopathic Medical Students and Graduates  
Family Medicine**

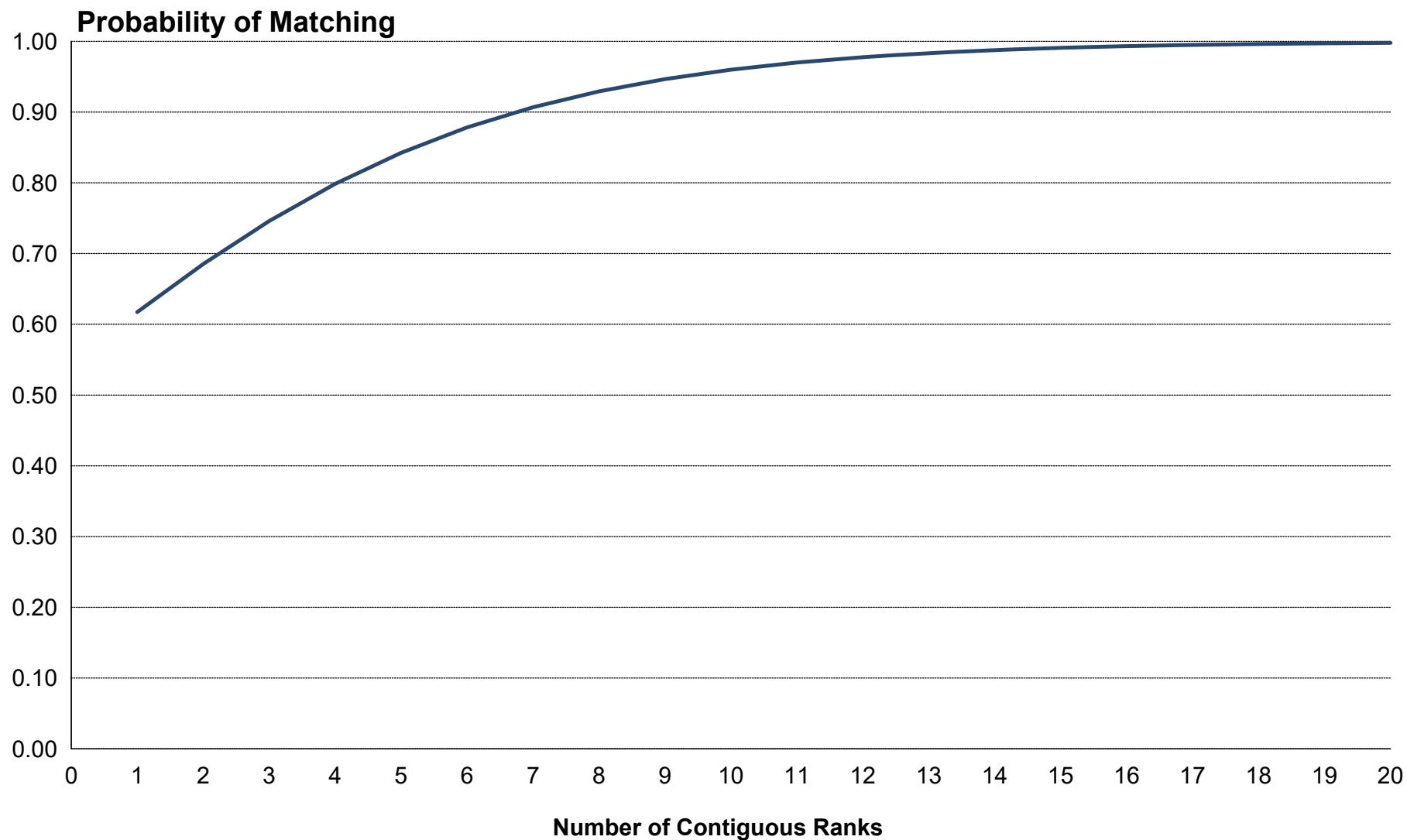


Source: NRMP Data Warehouse

**Graph  
FM-1**

**Probability of U.S. Osteopathic Medical Students/Graduates Matching to Preferred Specialty by  
Number of Contiguous Ranks**

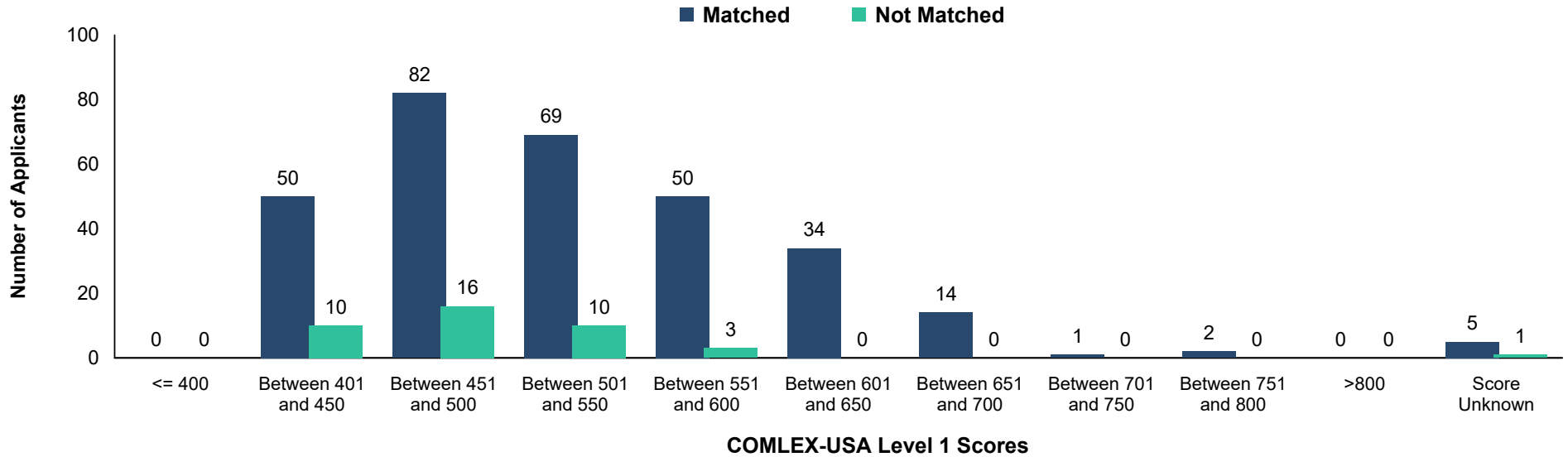
*Family Medicine*



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

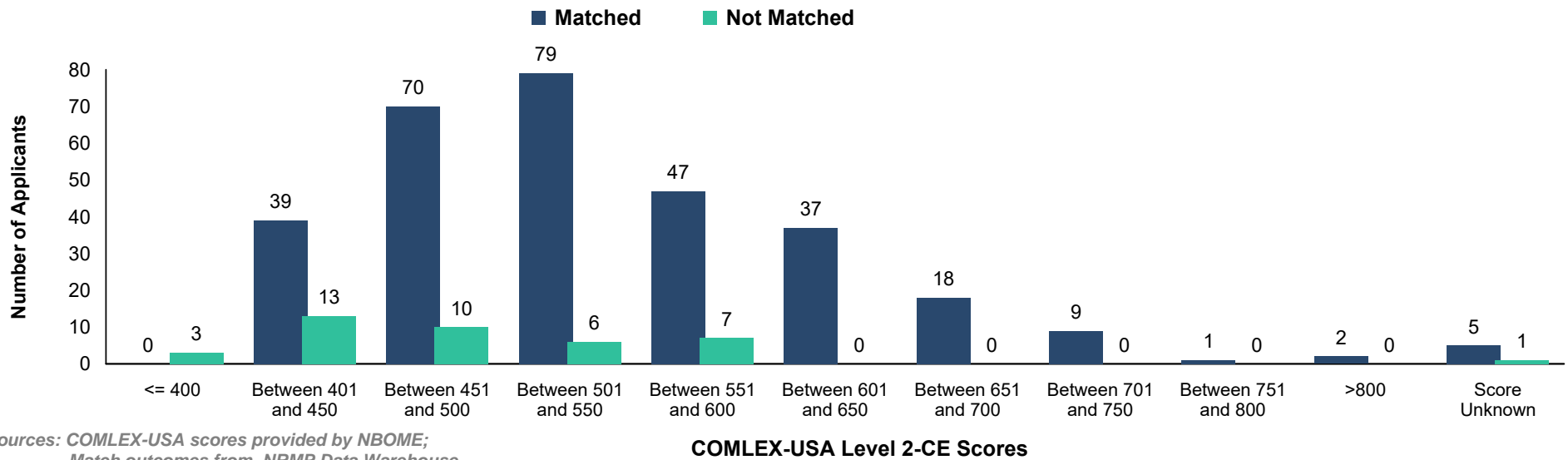
**Chart FM-3**

**COMLEX-USA Level 1 Scores of U.S. Osteopathic Medical Students/Graduates  
Family Medicine**



**Chart FM-4**

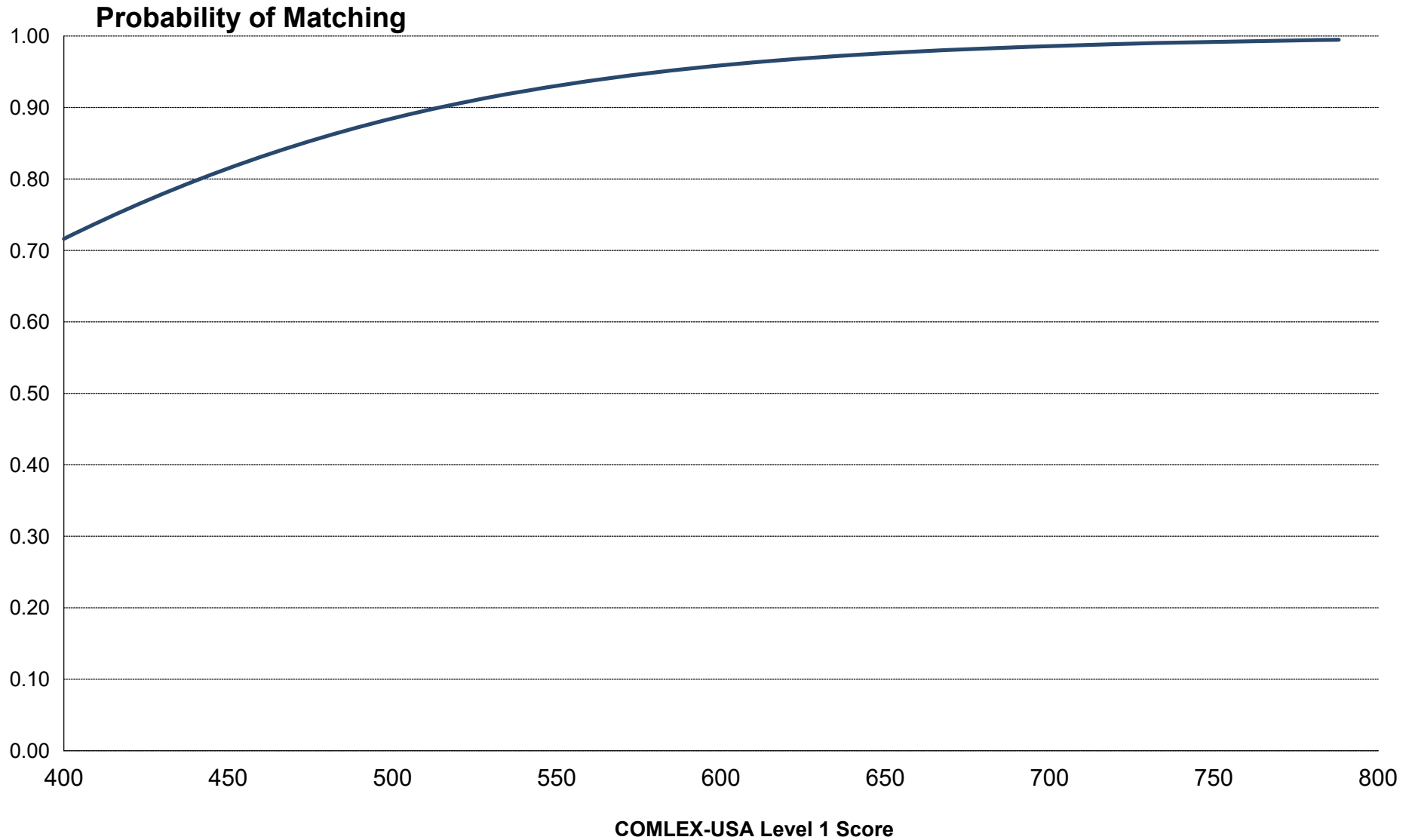
**COMLEX-USA Level 2-CE Scores of U.S. Osteopathic Medical Students and Graduates  
Family Medicine**



Sources: COMLEX-USA scores provided by NBOME;  
Match outcomes from NRMP Data Warehouse

**Graph  
FM-2**

**Probability of U.S. Osteopathic Medical Students/Graduates Matching to Preferred Specialty by  
COMLEX-USA Level 1 Score**  
*Family Medicine*



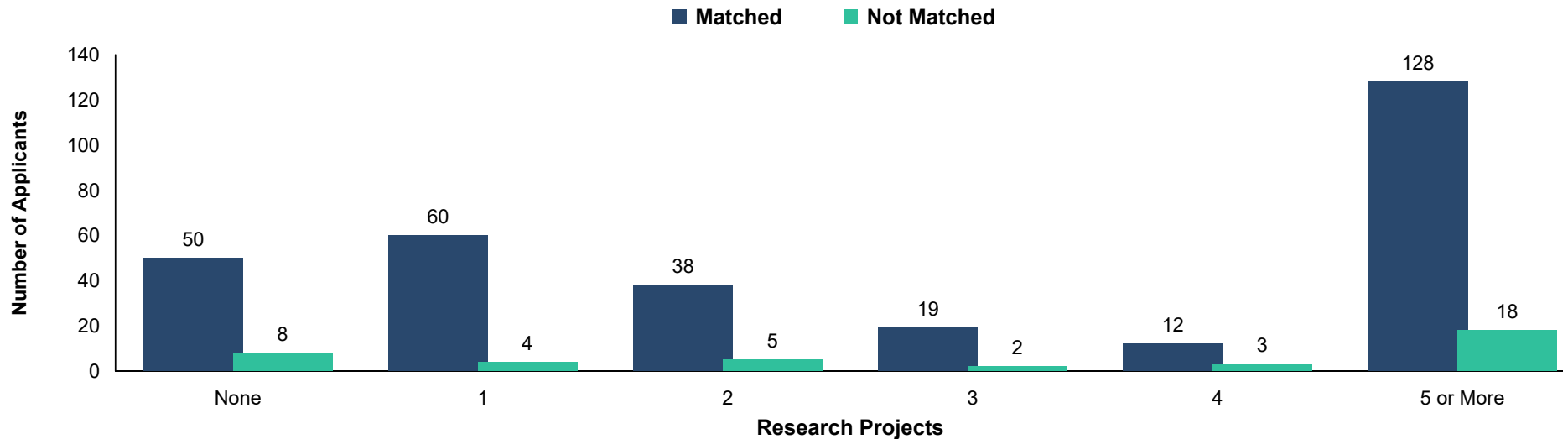
Sources: COMLEX-USA scores provided by NBOME; Match outcomes from NRMP Data Warehouse

Note: Probabilities calculated based on 2016 applicants only.

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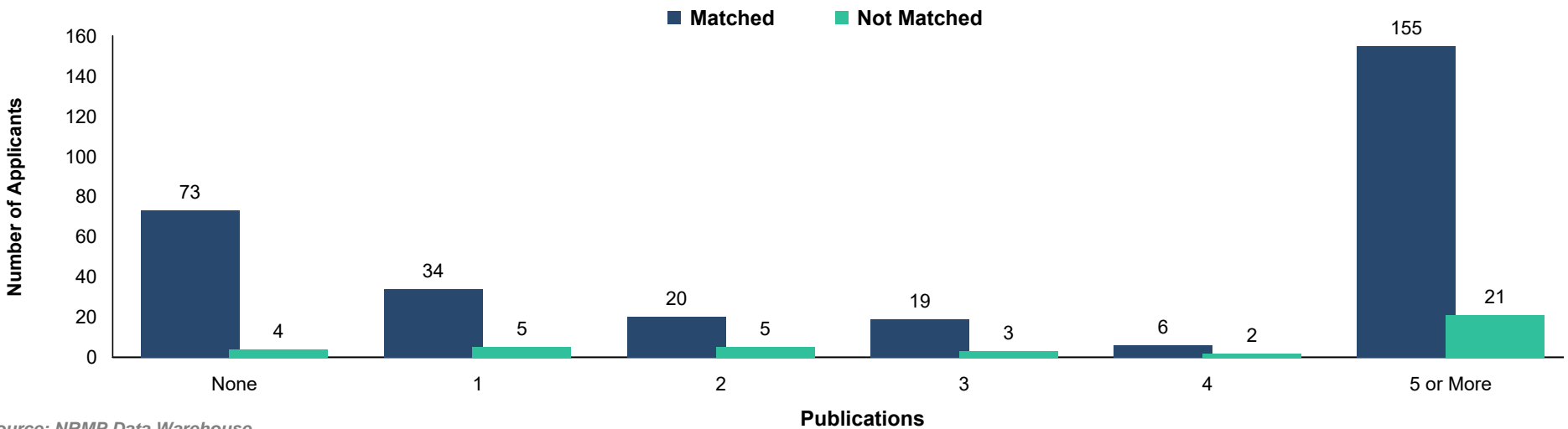
**Chart FM-5**

**Number of Research Projects of U.S. Osteopathic Medical Students/Graduates**



**Chart FM-6**

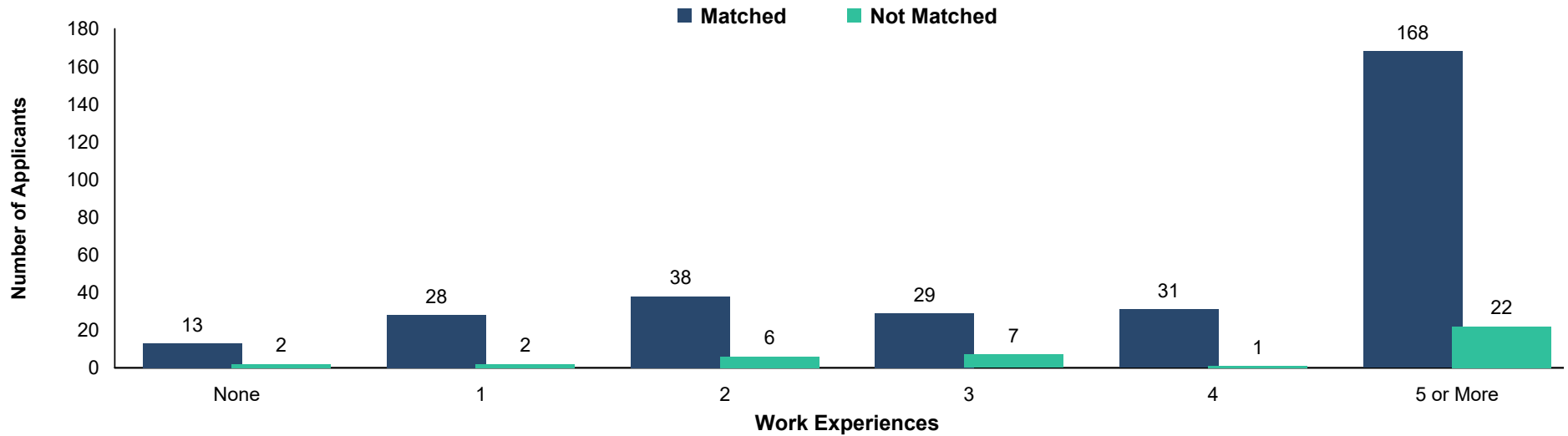
**Number of Abstracts, Presentations, and Publications of U.S. Osteopathic Medical Students and Graduates**  
*Family Medicine*



Source: NRMP Data Warehouse

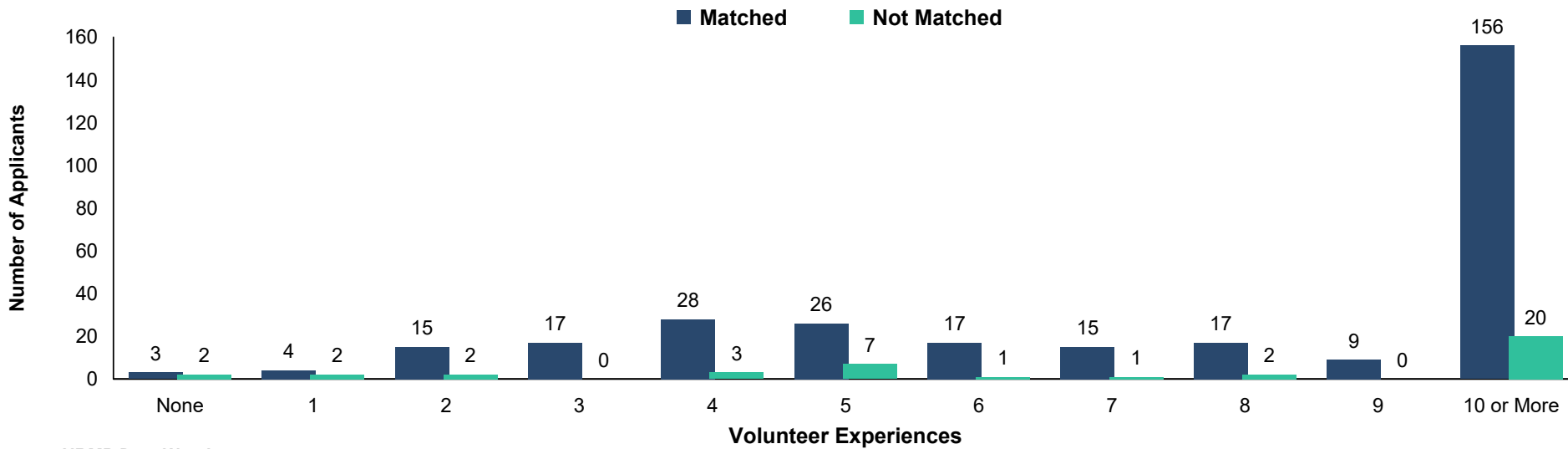
**Chart FM-7**

**Number of Work Experiences of U.S. Osteopathic Medical Students/Graduates**



**Chart FM-8**

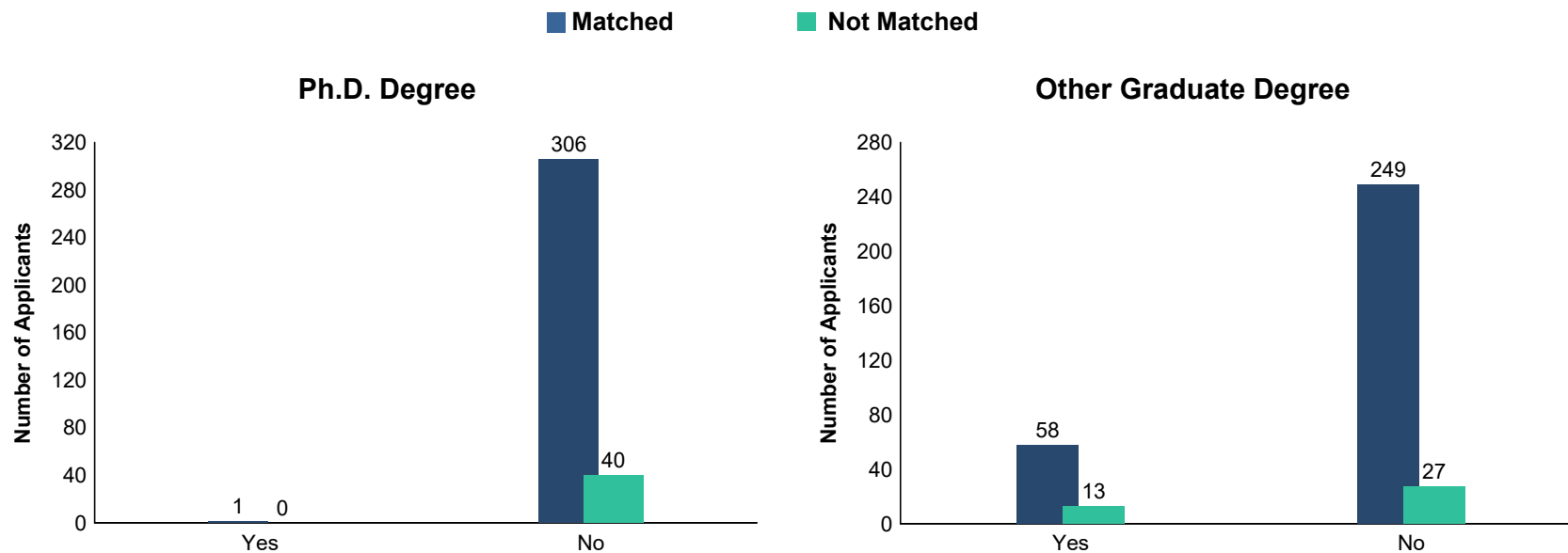
**Number of Volunteer Experiences of U.S. Osteopathic Medical Students and Graduates**



Source: NRMP Data Warehouse

**Chart  
FM-9**

**Other Characteristics of U.S. Osteopathic Medical Students/Graduates  
Family Medicine**



Source: NRMP Data Warehouse.



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**GS** **General Surgery**

**Table GS-1** Summary Statistics on U.S. Osteopathic Medical Students/Graduates  
*General Surgery*

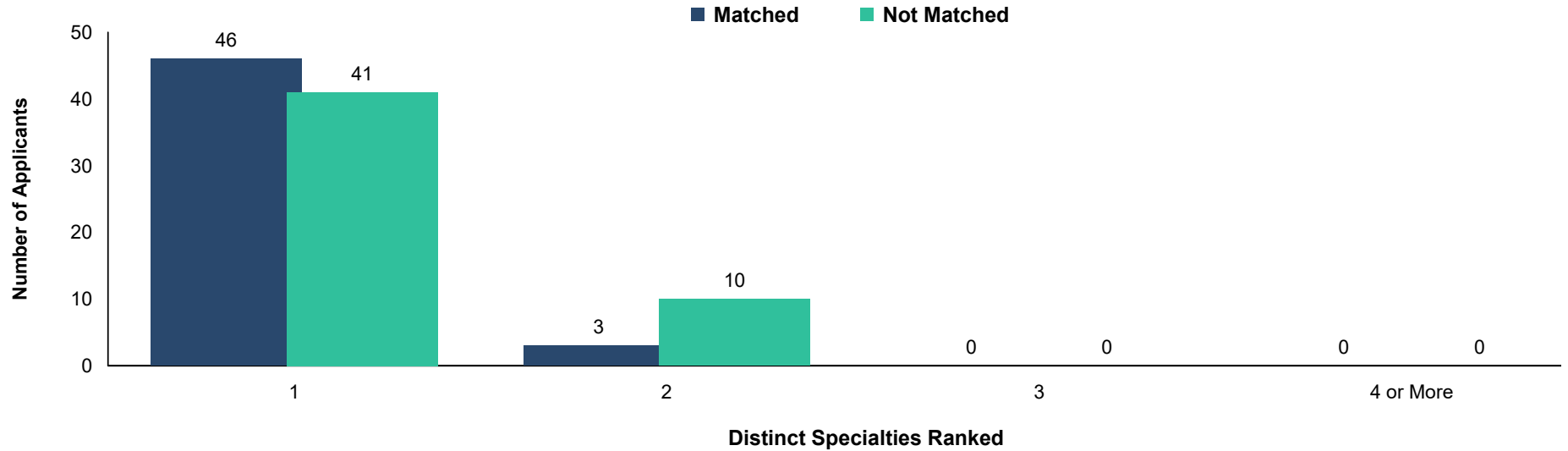
Measure	Matched (n=49)	Unmatched (n=51)
1. Mean number of contiguous ranks	7.7	4.1
2. Mean number of distinct specialties ranked	1.1	1.2
3. Mean COMLEX-USA Level 1 score	609	536
4. Mean COMLEX-USA Level 2-CE score	618	547
5. Mean number of research experiences	2.0	2.2
6. Mean number of abstracts, presentations, and publications	2.7	2.0
7. Mean number of work experiences	3.6	2.4
8. Mean number of volunteer experiences	7.5	6.6
9. Percentage who have a Ph.D. degree	0.0	0.0
10. Percentage who have another graduate degree	29.5	33.3

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

Note: Only osteopathic medical students/graduates who gave consent to use their information in research are included.

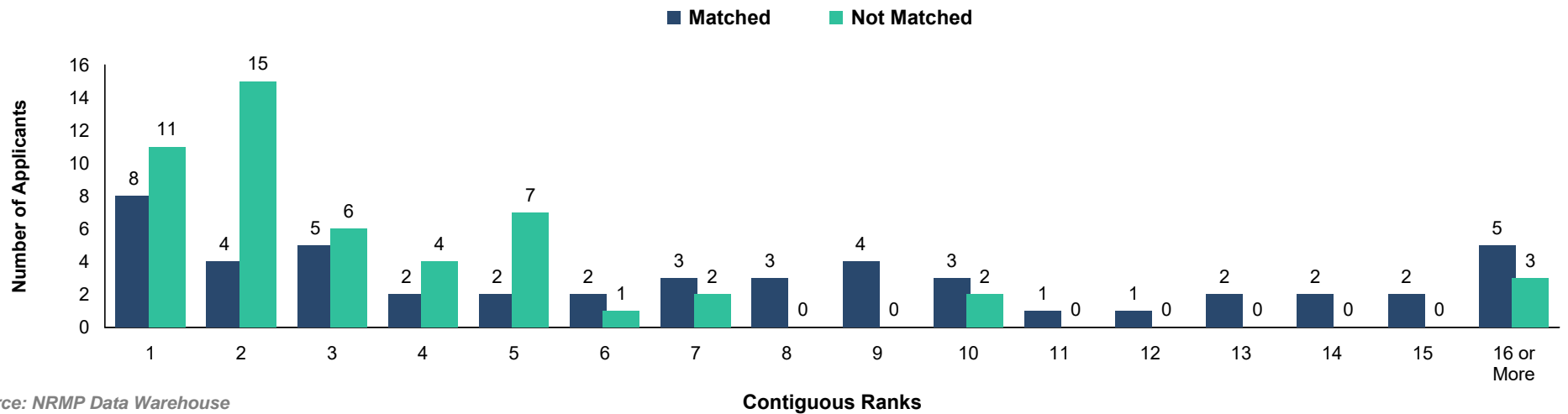
**Chart  
GS-1**

**Number of Distinct Specialties Ranked by U.S. Osteopathic Medical Students/Graduates  
General Surgery**



**Chart  
GS-2**

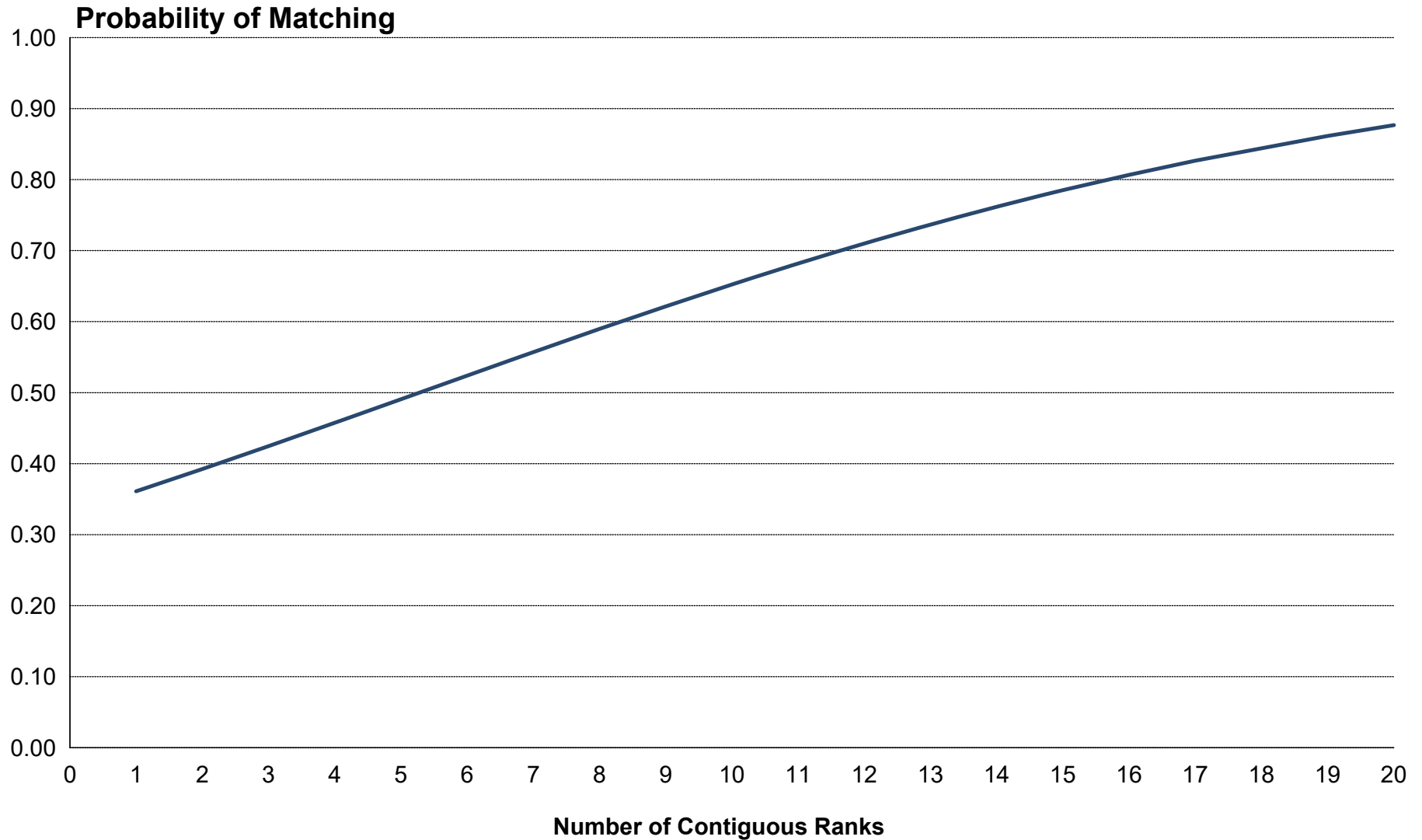
**Number of Contiguous Ranks of U.S. Osteopathic Medical Students and Graduates  
General Surgery**



Source: NRMP Data Warehouse

**Graph  
GS-1**

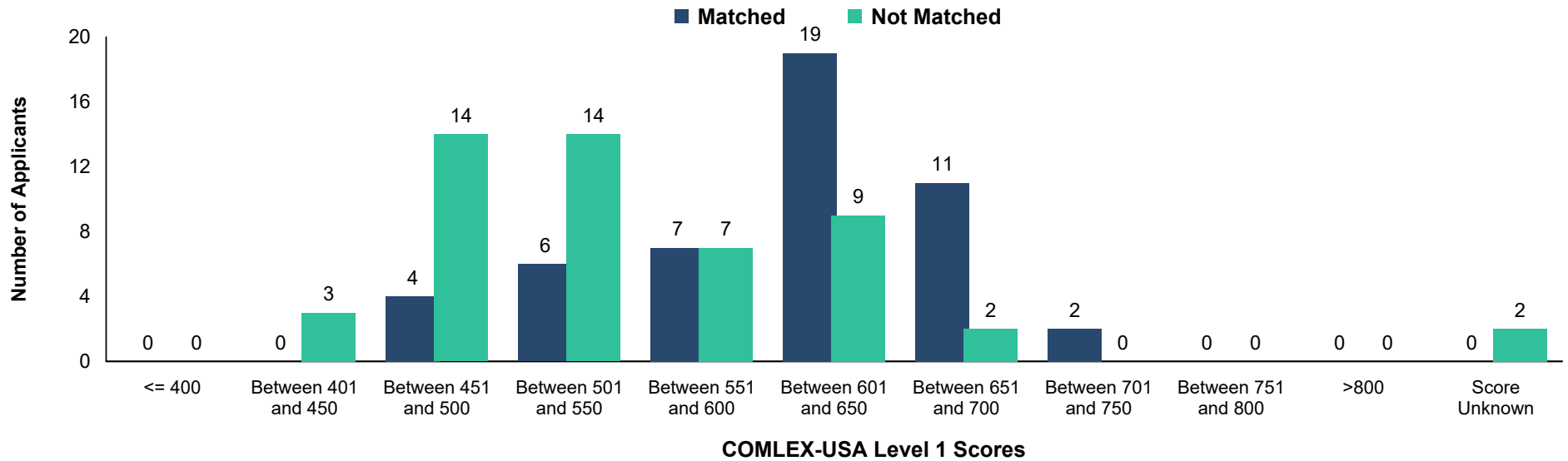
**Probability of U.S. Osteopathic Medical Students/Graduates Matching to Preferred Specialty by  
Number of Contiguous Ranks**  
*General Surgery*



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

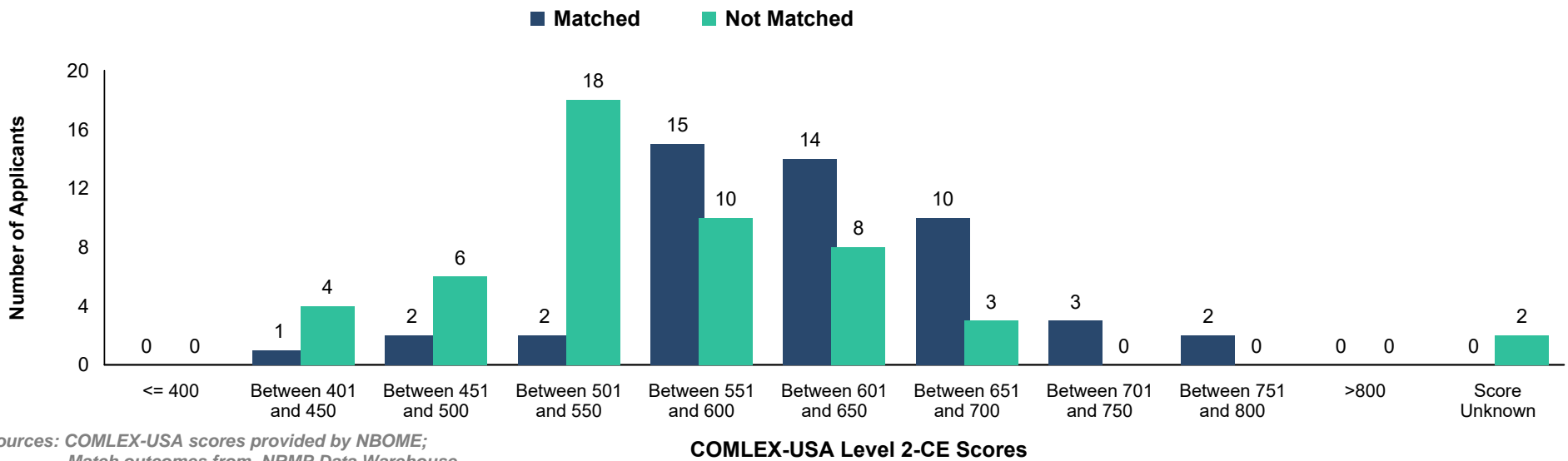
**Chart  
GS-3**

**COMLEX-USA Level 1 Scores of U.S. Osteopathic Medical Students/Graduates  
General Surgery**



**Chart  
GS-4**

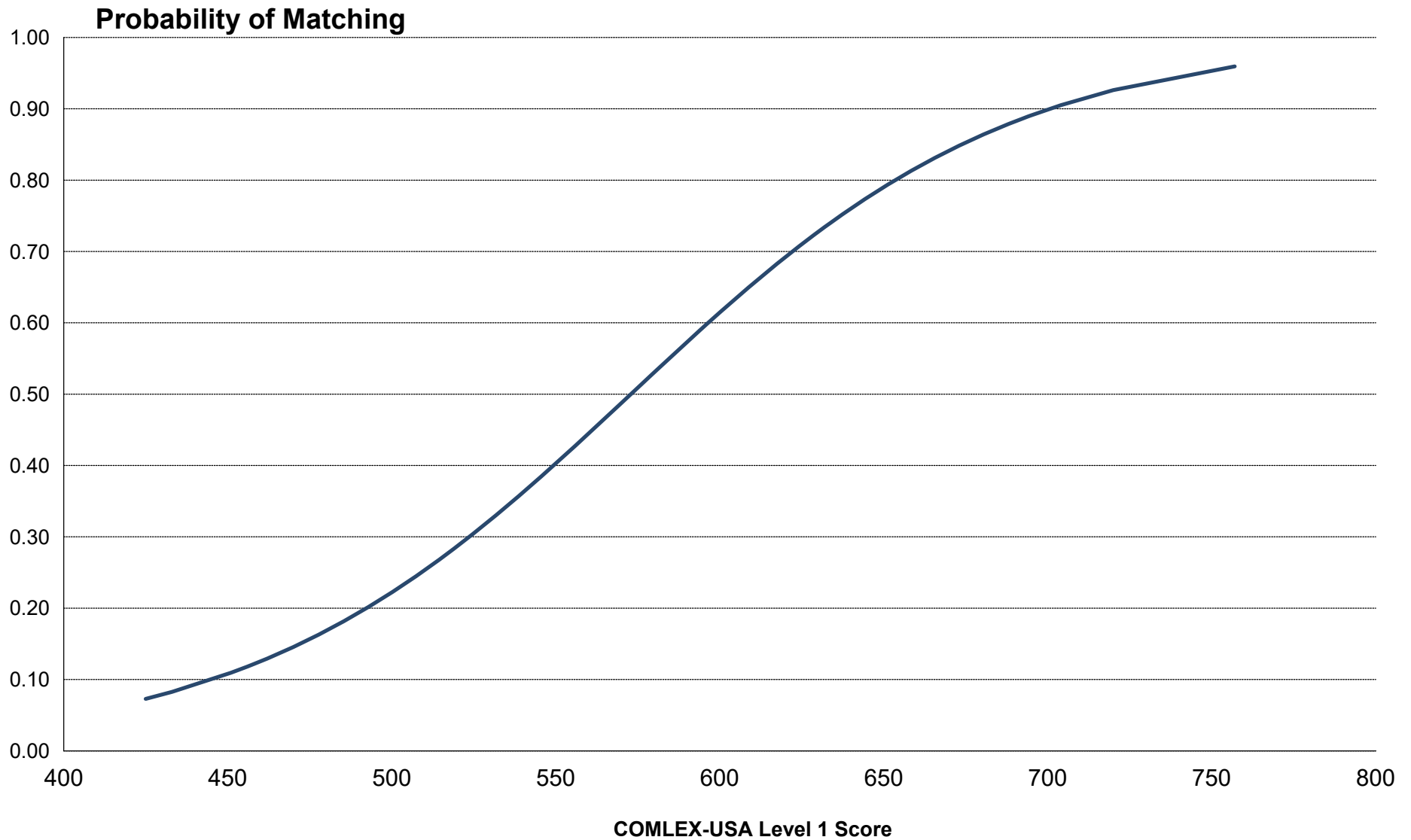
**COMLEX-USA Level 2-CE Scores of U.S. Osteopathic Medical Students and Graduates  
General Surgery**



Sources: COMLEX-USA scores provided by NBOME;  
Match outcomes from NRMP Data Warehouse

**Graph  
GS-2**

**Probability of U.S. Osteopathic Medical Students/Graduates Matching to Preferred Specialty by  
COMLEX-USA Level 1 Score  
General Surgery**



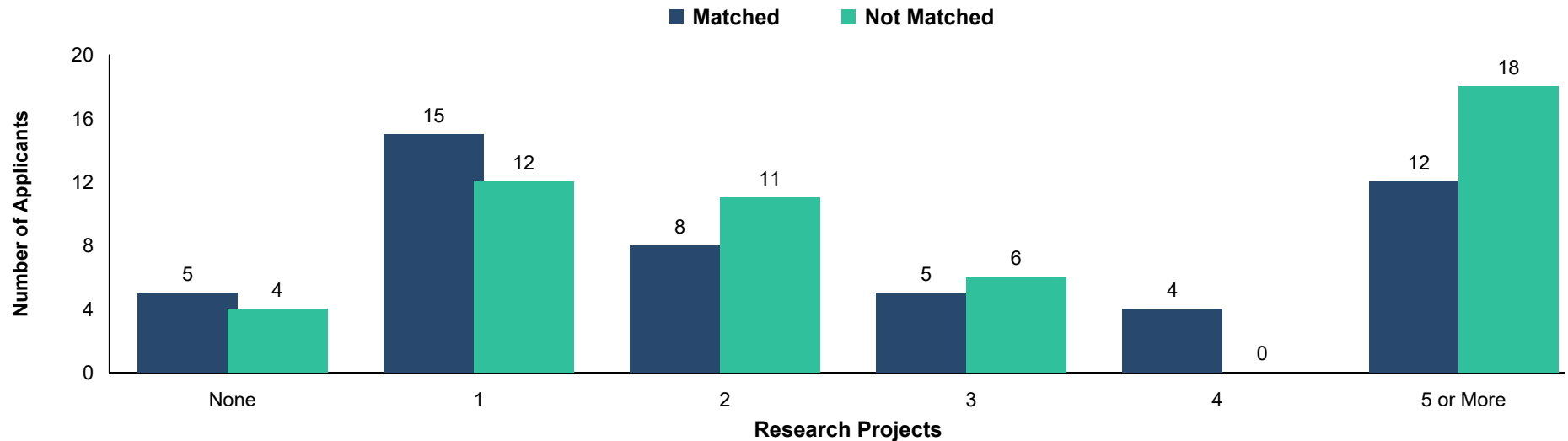
Sources: COMLEX-USA scores provided by NBOME; Match outcomes from NRMP Data Warehouse

Note: Probabilities calculated based on 2016 applicants only.

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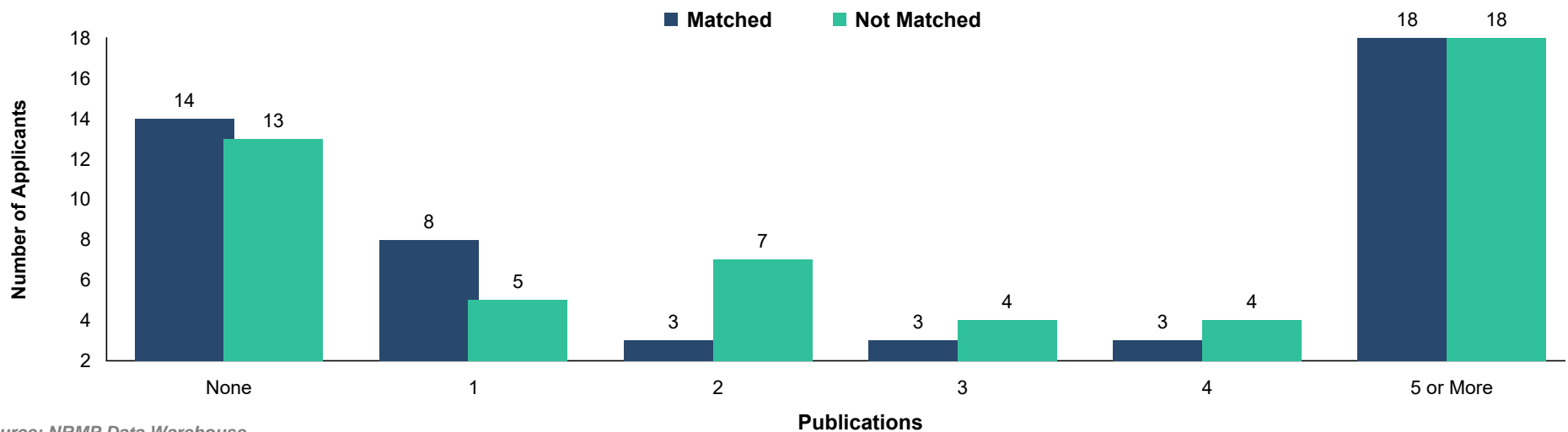
**Chart  
GS-5**

**Number of Research Projects of U.S. Osteopathic Medical Students/Graduates**



**Chart  
GS-6**

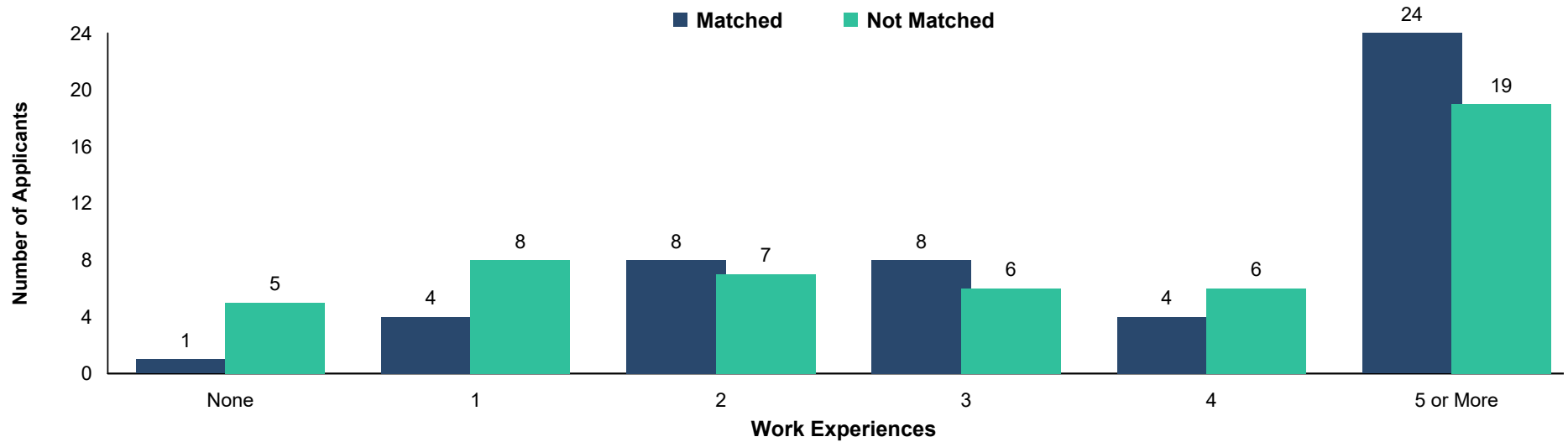
**Number of Abstracts, Presentations, and Publications of U.S. Osteopathic Medical Students and Graduates  
*General Surgery***



Source: NRMP Data Warehouse

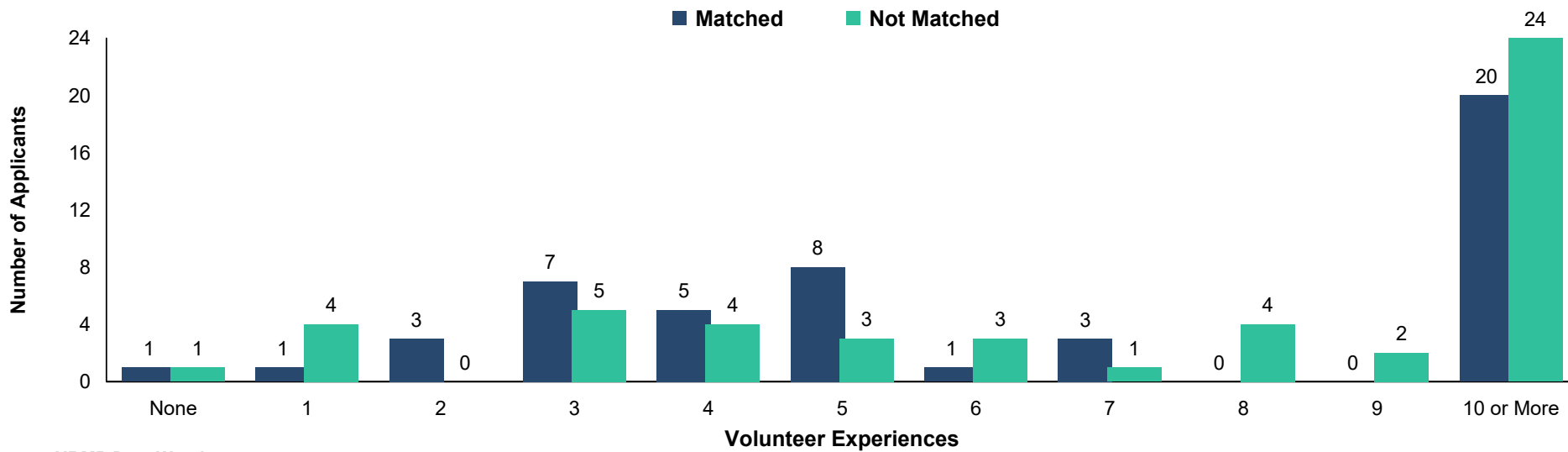
**Chart  
GS-7**

**Number of Work Experiences of U.S. Osteopathic Medical Students/Graduates**



**Chart  
GS-8**

**Number of Volunteer Experiences of U.S. Osteopathic Medical Students and Graduates**

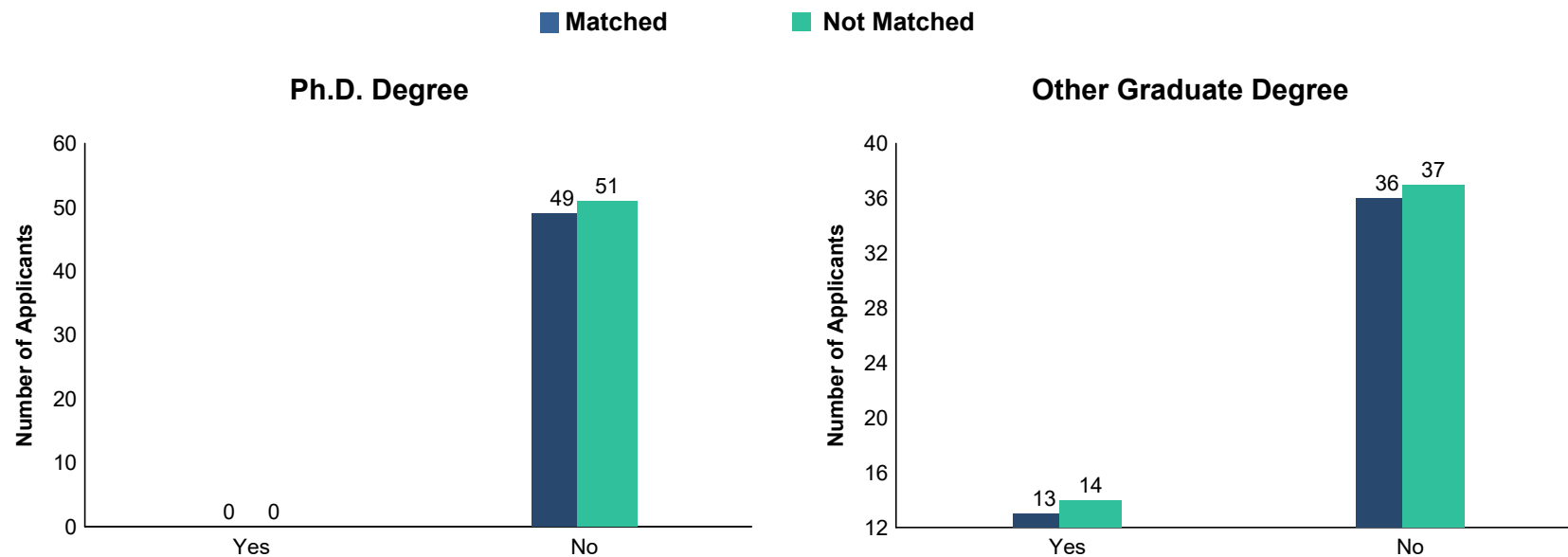


Source: NRMP Data Warehouse



**Chart  
GS-9**

**Other Characteristics of U.S. Osteopathic Medical Students/Graduates  
General Surgery**



Source: NRMP Data Warehouse.

---

**IM**

**Internal Medicine**

**Table IM-1** **Summary Statistics on U.S. Osteopathic Medical Students/Graduates**  
*Internal Medicine*

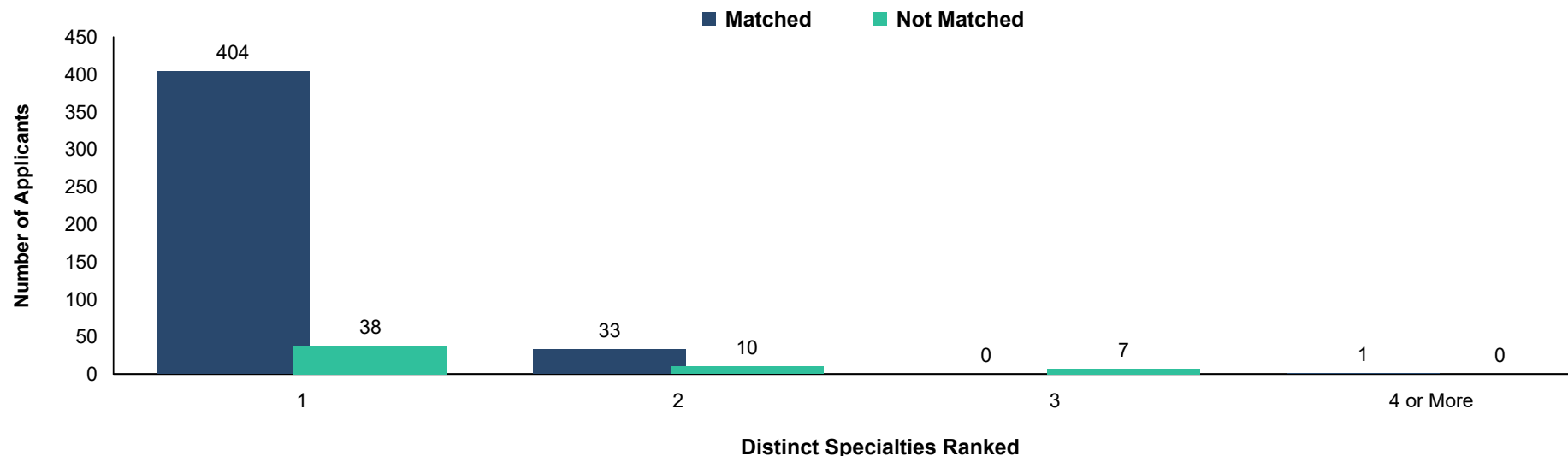
Measure	Matched (n=438)	Unmatched (n=55)
1. Mean number of contiguous ranks	9.3	2.9
2. Mean number of distinct specialties ranked	1.1	1.4
3. Mean COMLEX-USA Level 1 score	579	499
4. Mean COMLEX-USA Level 2-CE score	591	499
5. Mean number of research experiences	1.7	2.0
6. Mean number of abstracts, presentations, and publications	2.0	3.1
7. Mean number of work experiences	3.0	2.9
8. Mean number of volunteer experiences	6.8	4.7
9. Percentage who have a Ph.D. degree	1.1	7.0
10. Percentage who have another graduate degree	21.2	23.3

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

Note: Only osteopathic medical students/graduates who gave consent to use their information in research are included.

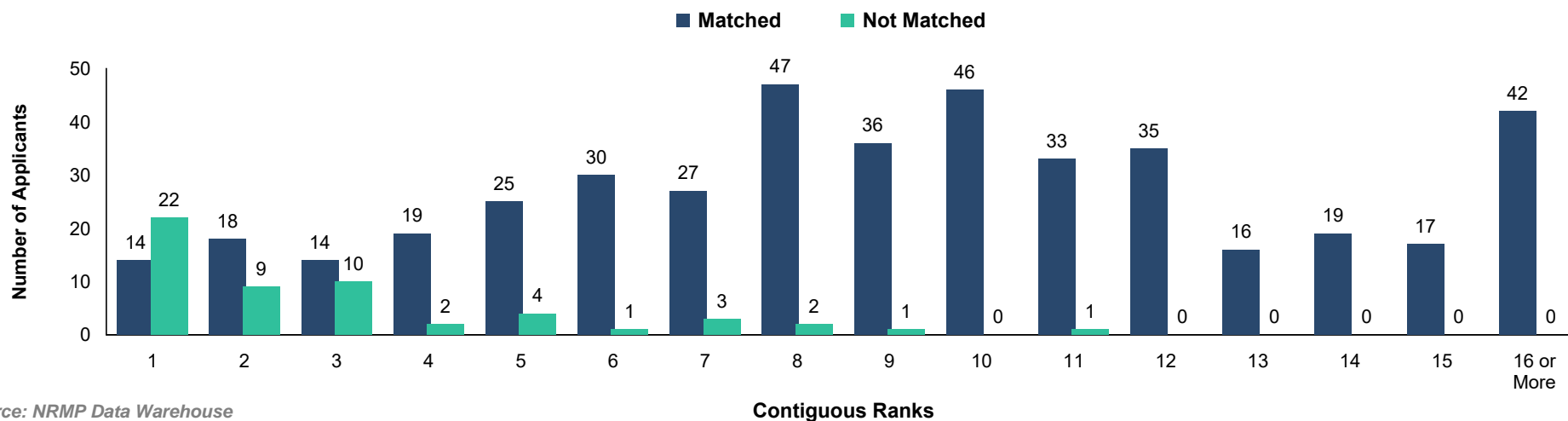
**Chart  
IM-1**

**Number of Distinct Specialties Ranked by U.S. Osteopathic Medical Students/Graduates  
*Internal Medicine***



**Chart  
IM-2**

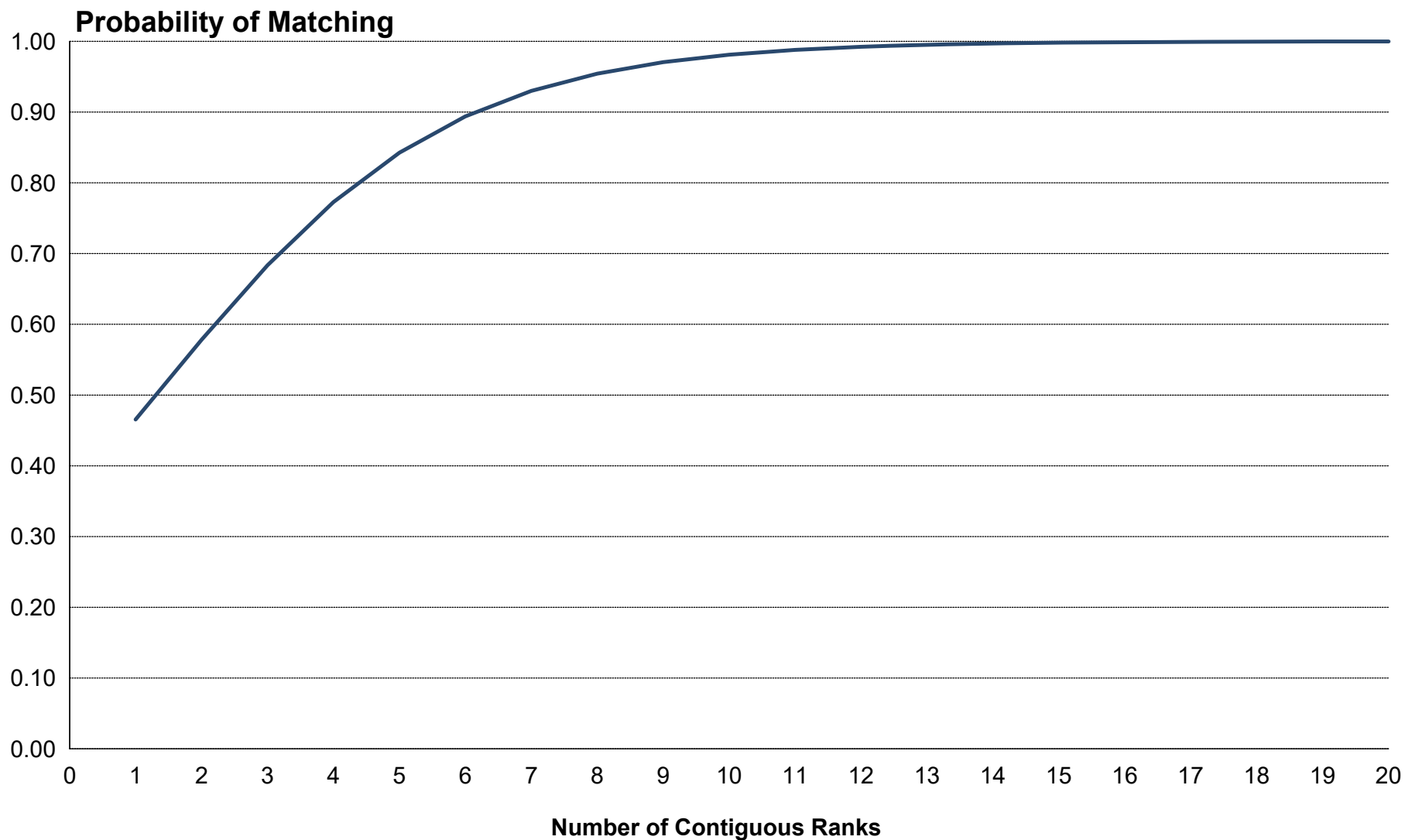
**Number of Contiguous Ranks of U.S. Osteopathic Medical Students and Graduates  
*Internal Medicine***



Source: NRMP Data Warehouse

**Graph  
IM-1**

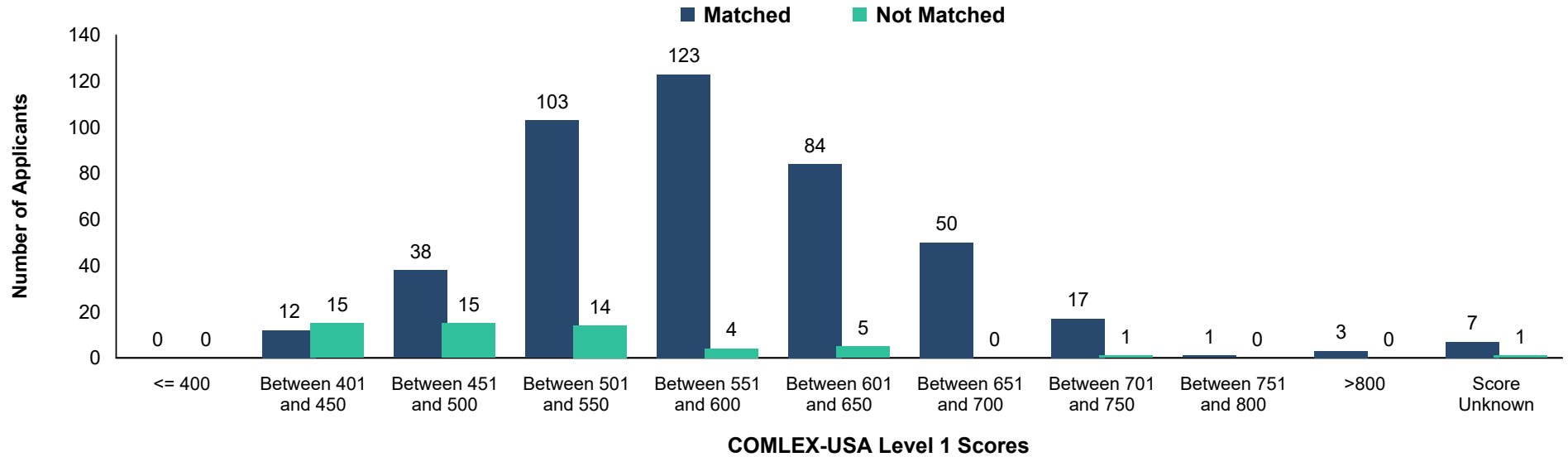
**Probability of U.S. Osteopathic Medical Students/Graduates Matching to Preferred Specialty by  
Number of Contiguous Ranks**  
*Internal Medicine*



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

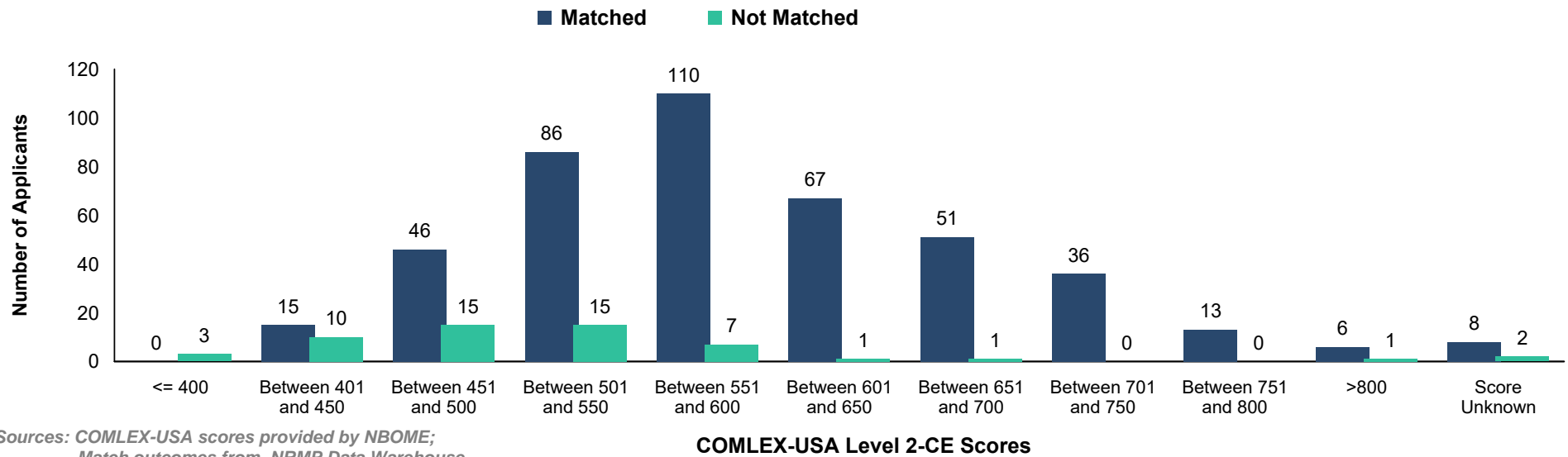
**Chart  
IM-3**

**COMLEX-USA Level 1 Scores of U.S. Osteopathic Medical Students/Graduates  
Internal Medicine**



**Chart  
IM-4**

**COMLEX-USA Level 2-CE Scores of U.S. Osteopathic Medical Students and Graduates  
Internal Medicine**

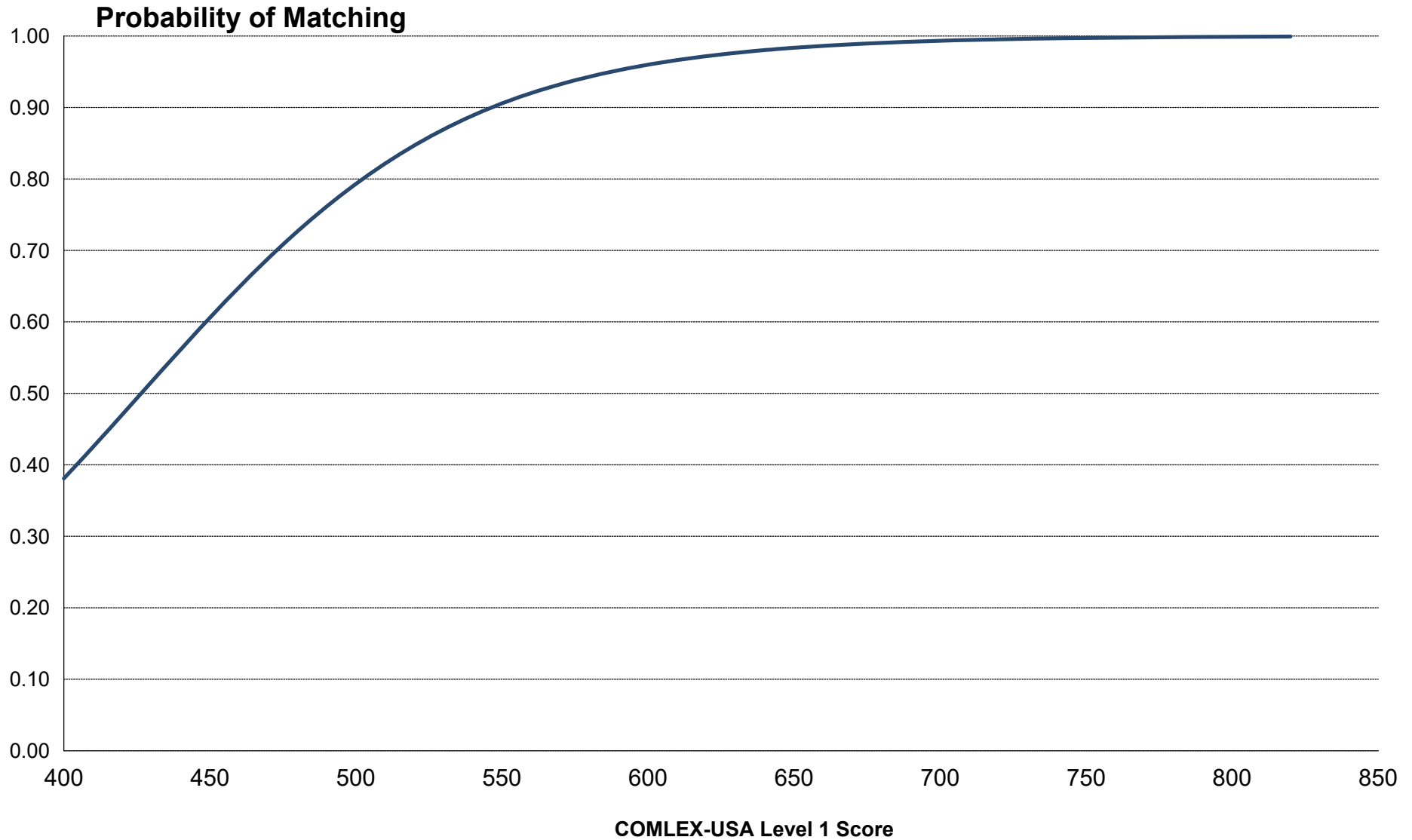


Sources: COMLEX-USA scores provided by NBOME;  
Match outcomes from NRMP Data Warehouse

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**Graph  
IM-2**

**Probability of U.S. Osteopathic Medical Students/Graduates Matching to Preferred Specialty by  
COMLEX-USA Level 1 Score**  
*Internal Medicine*



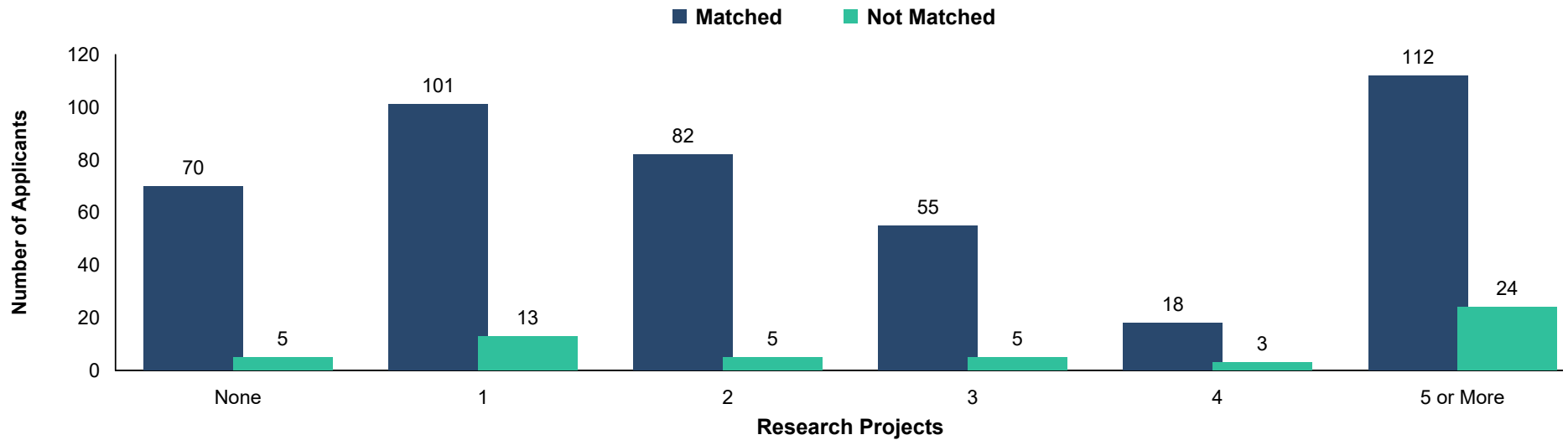
Sources: COMLEX-USA scores provided by NBOME; Match outcomes from NRMP Data Warehouse

Note: Probabilities calculated based on 2016 applicants only.

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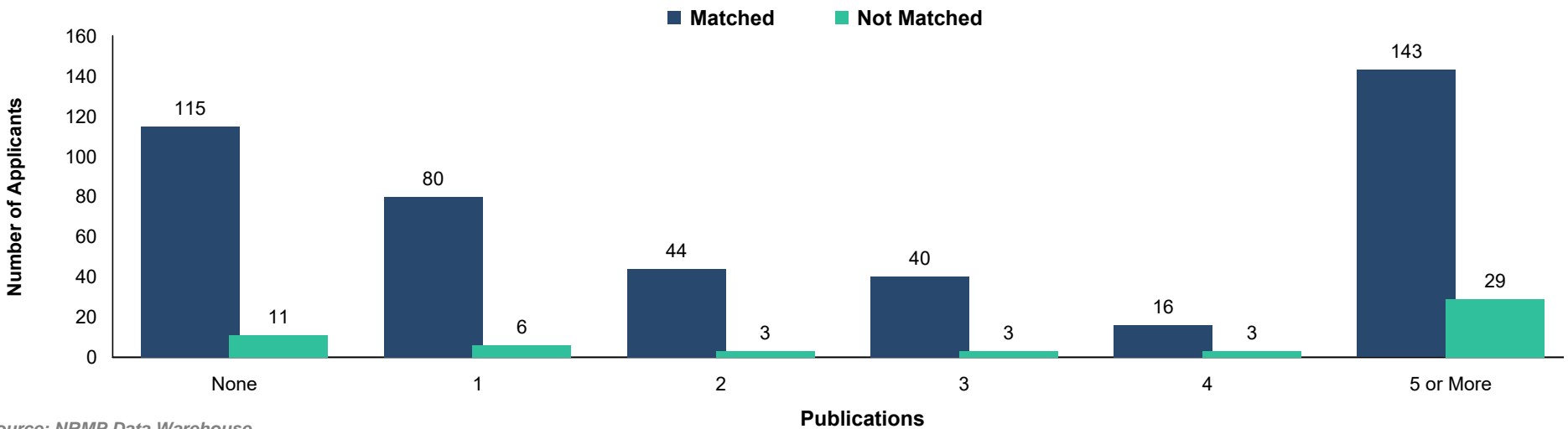
**Chart  
IM-5**

**Number of Research Projects of U.S. Osteopathic Medical Students/Graduates**



**Chart  
IM-6**

**Number of Abstracts, Presentations, and Publications of U.S. Osteopathic Medical Students and Graduates**  
*Internal Medicine*

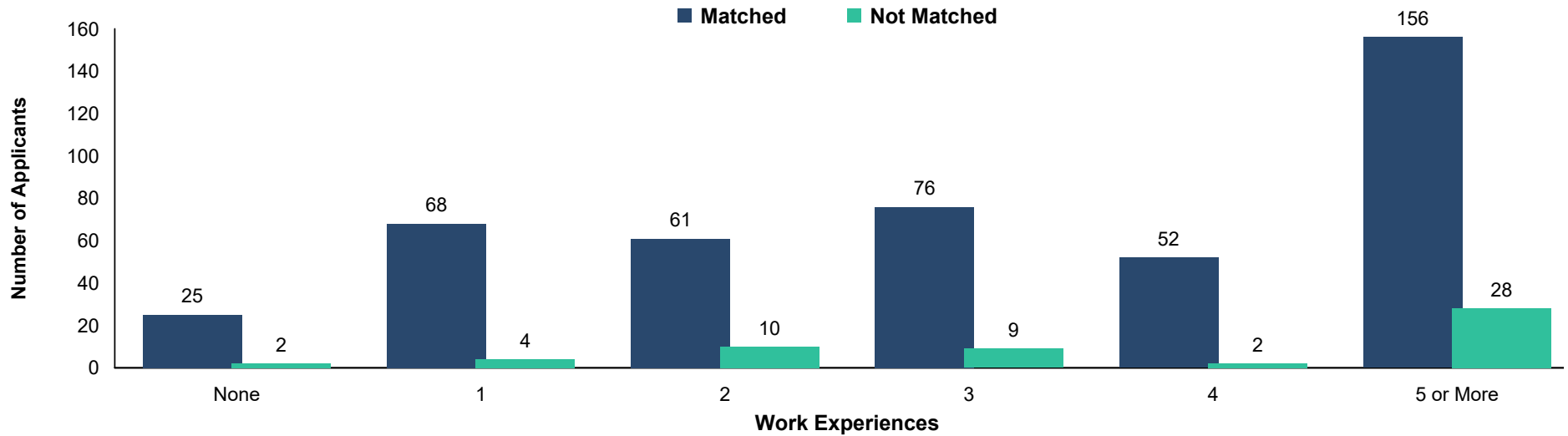


Source: NRMP Data Warehouse



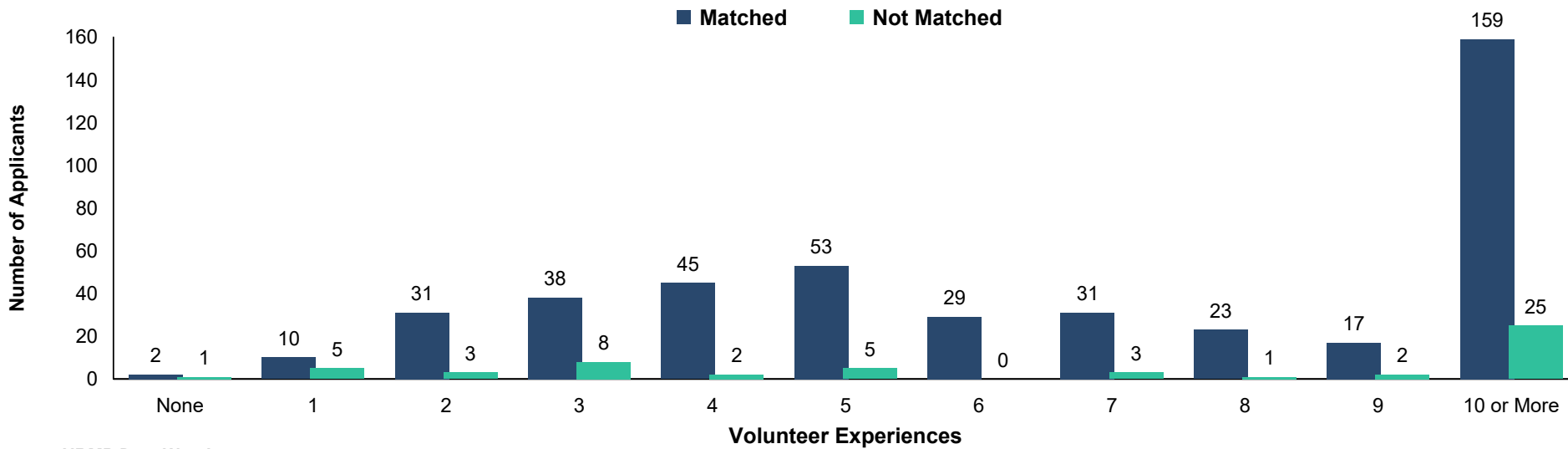
**Chart  
IM-7**

**Number of Work Experiences of U.S. Osteopathic Medical Students/Graduates**



**Chart  
IM-8**

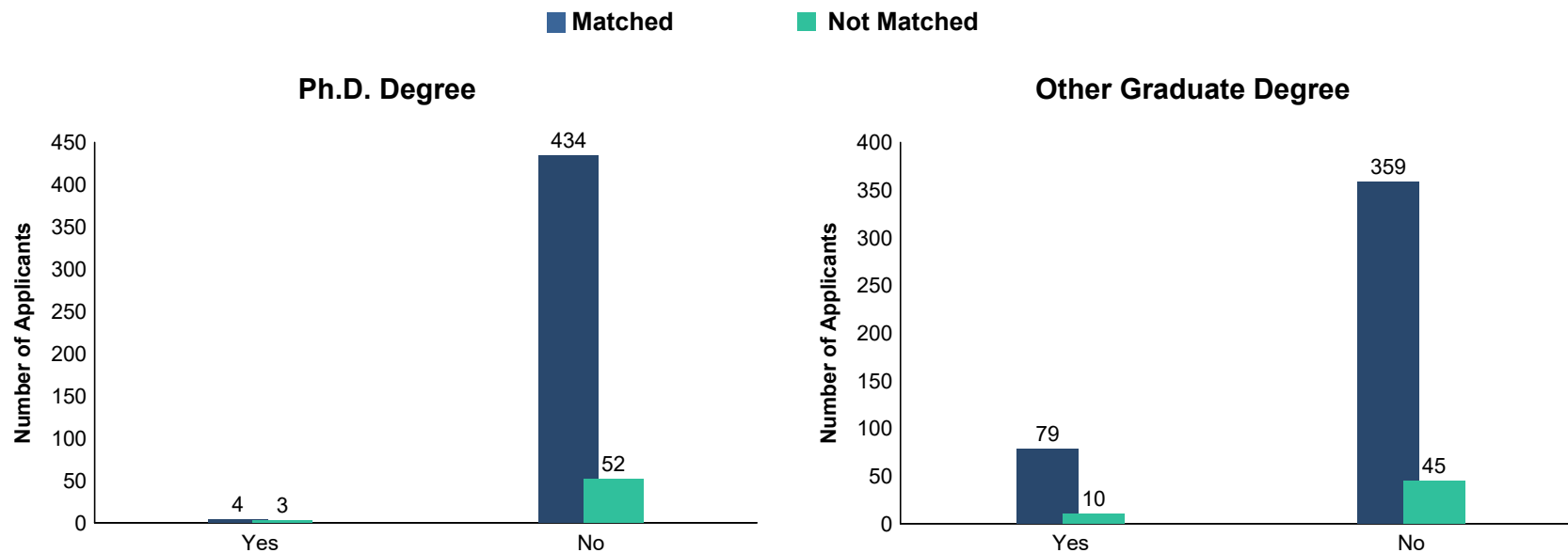
**Number of Volunteer Experiences of U.S. Osteopathic Medical Students and Graduates**



Source: NRMP Data Warehouse

**Chart  
IM-9**

**Other Characteristics of U.S. Osteopathic Medical Students/Graduates  
Internal Medicine**



Source: NRMP Data Warehouse.

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**N** **Neurology**

**Table N-1 Summary Statistics on U.S. Osteopathic Medical Students/Graduates  
Neurology**

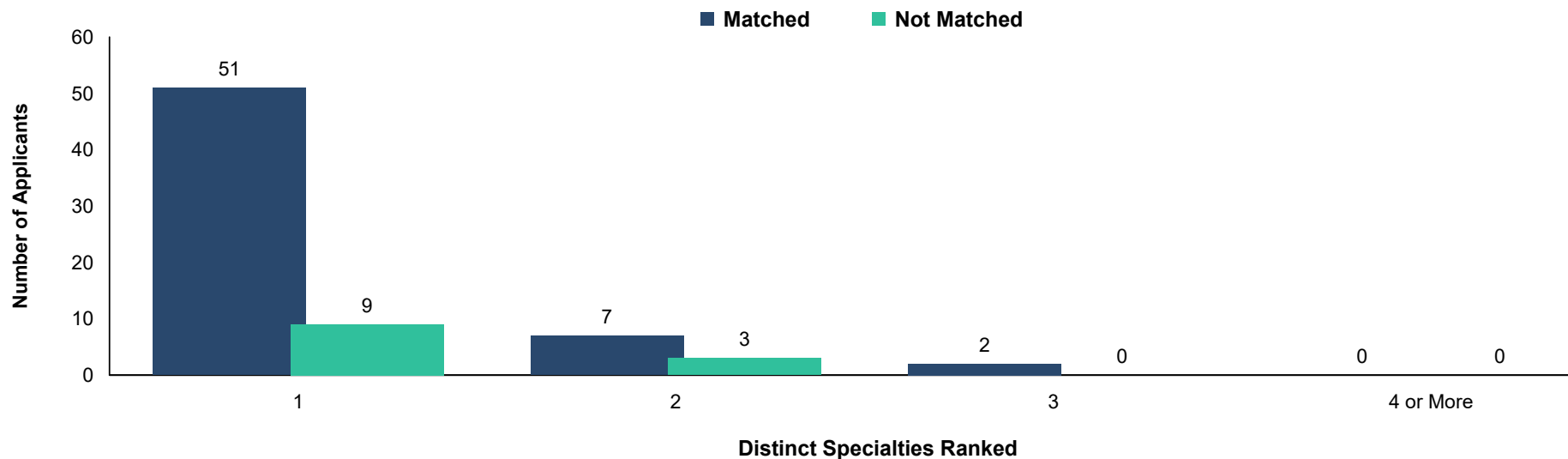
Measure	Matched (n=60)	Unmatched (n=12)
1. Mean number of contiguous ranks	9.0	5.6
2. Mean number of distinct specialties ranked	1.2	1.3
3. Mean COMLEX-USA Level 1 score	572	554
4. Mean COMLEX-USA Level 2-CE score	586	530
5. Mean number of research experiences	2.0	4.3
6. Mean number of abstracts, presentations, and publications	2.3	5.0
7. Mean number of work experiences	2.9	5.0
8. Mean number of volunteer experiences	6.3	7.5
9. Percentage who have a Ph.D. degree	1.9	9.1
10. Percentage who have another graduate degree	29.4	33.3

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

Note: Only osteopathic medical students/graduates who gave consent to use their information in research are included.

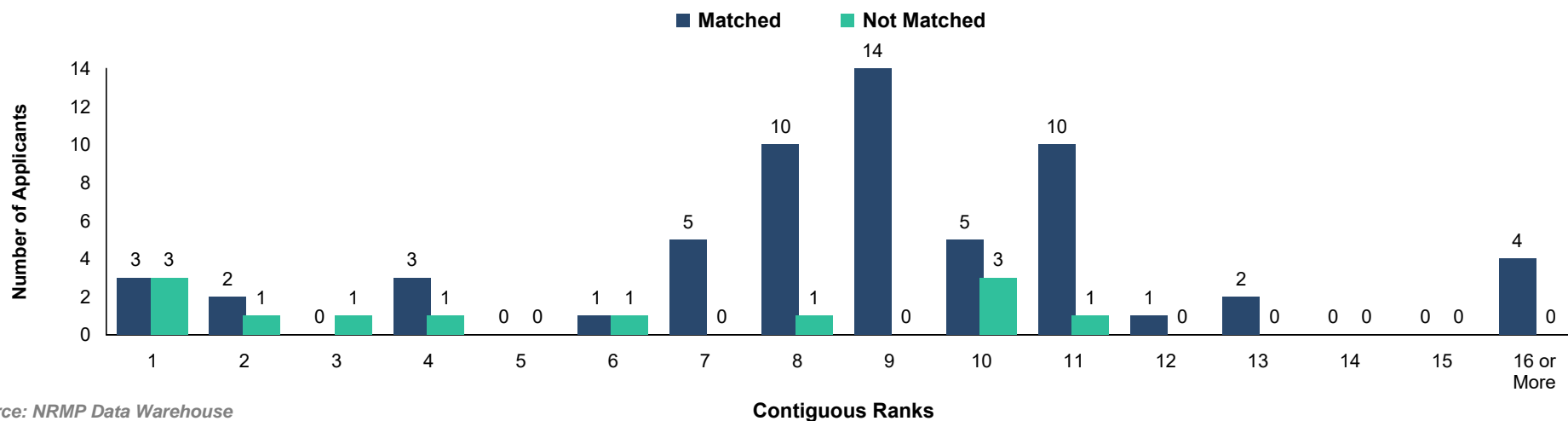
**Chart  
N-1**

**Number of Distinct Specialties Ranked by U.S. Osteopathic Medical Students/Graduates  
Neurology**



**Chart  
N-2**

**Number of Contiguous Ranks of U.S. Osteopathic Medical Students and Graduates  
Neurology**

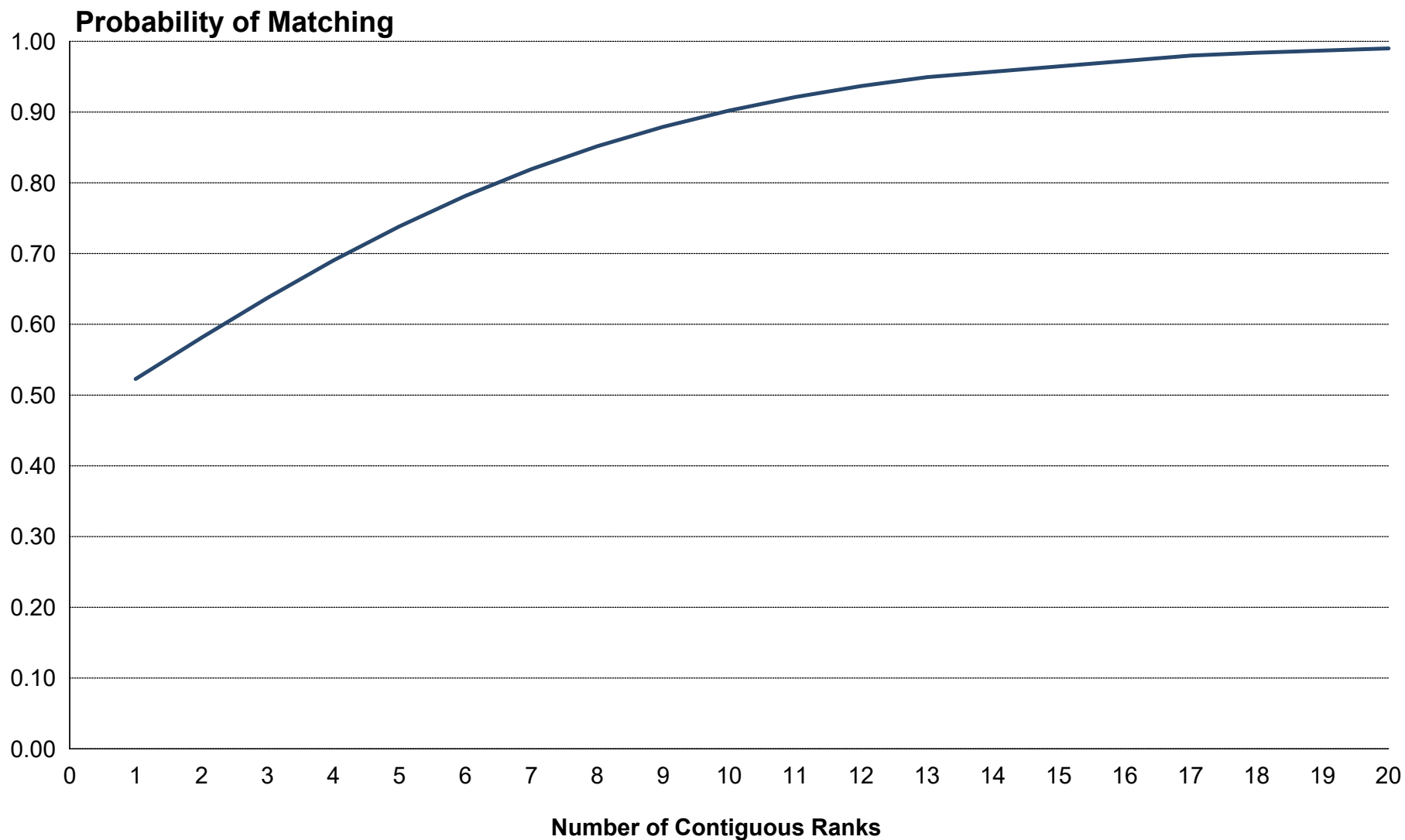


Source: NRMP Data Warehouse

**Graph  
N-1**

**Probability of U.S. Osteopathic Medical Students/Graduates Matching to Preferred Specialty by  
Number of Contiguous Ranks**

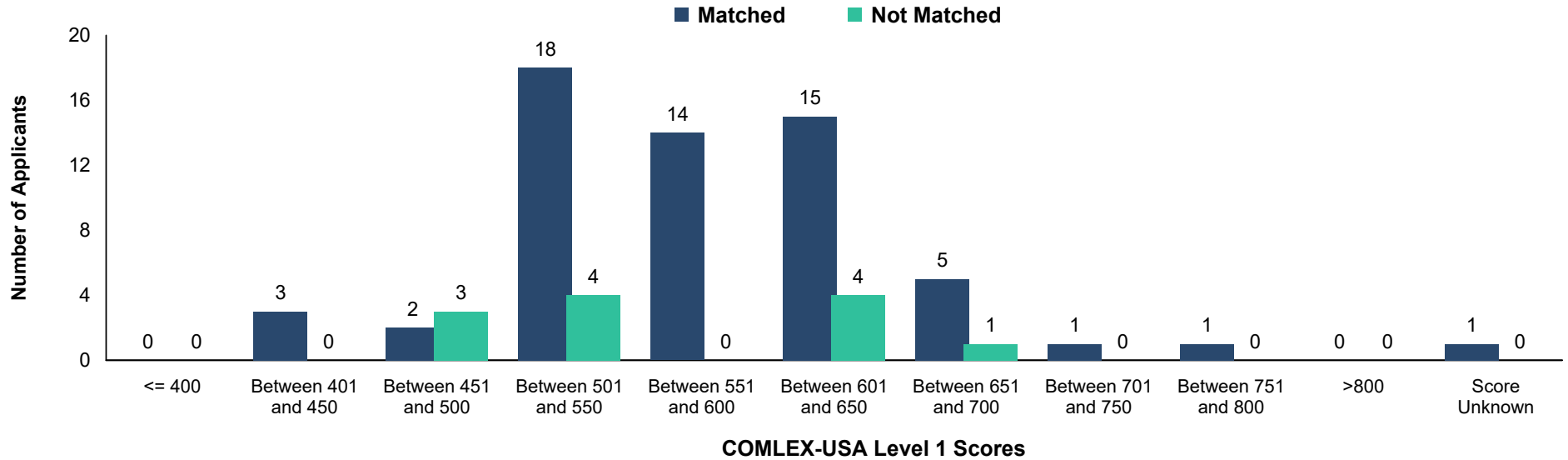
*Neurology*



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

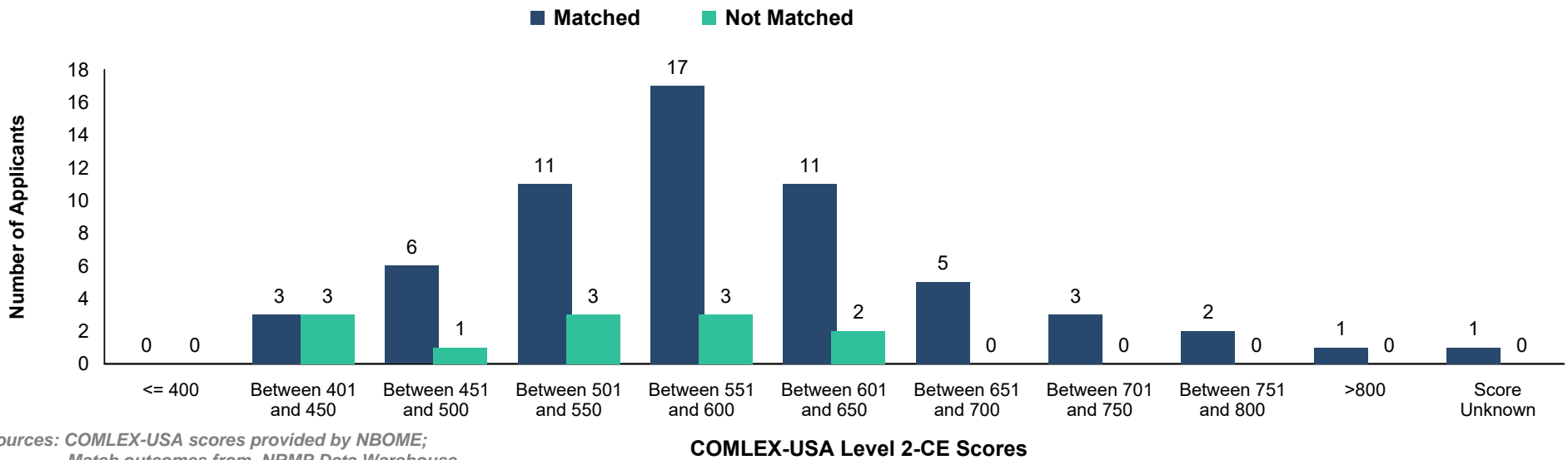
**Chart  
N-3**

**COMLEX-USA Level 1 Scores of U.S. Osteopathic Medical Students/Graduates  
Neurology**



**Chart  
N-4**

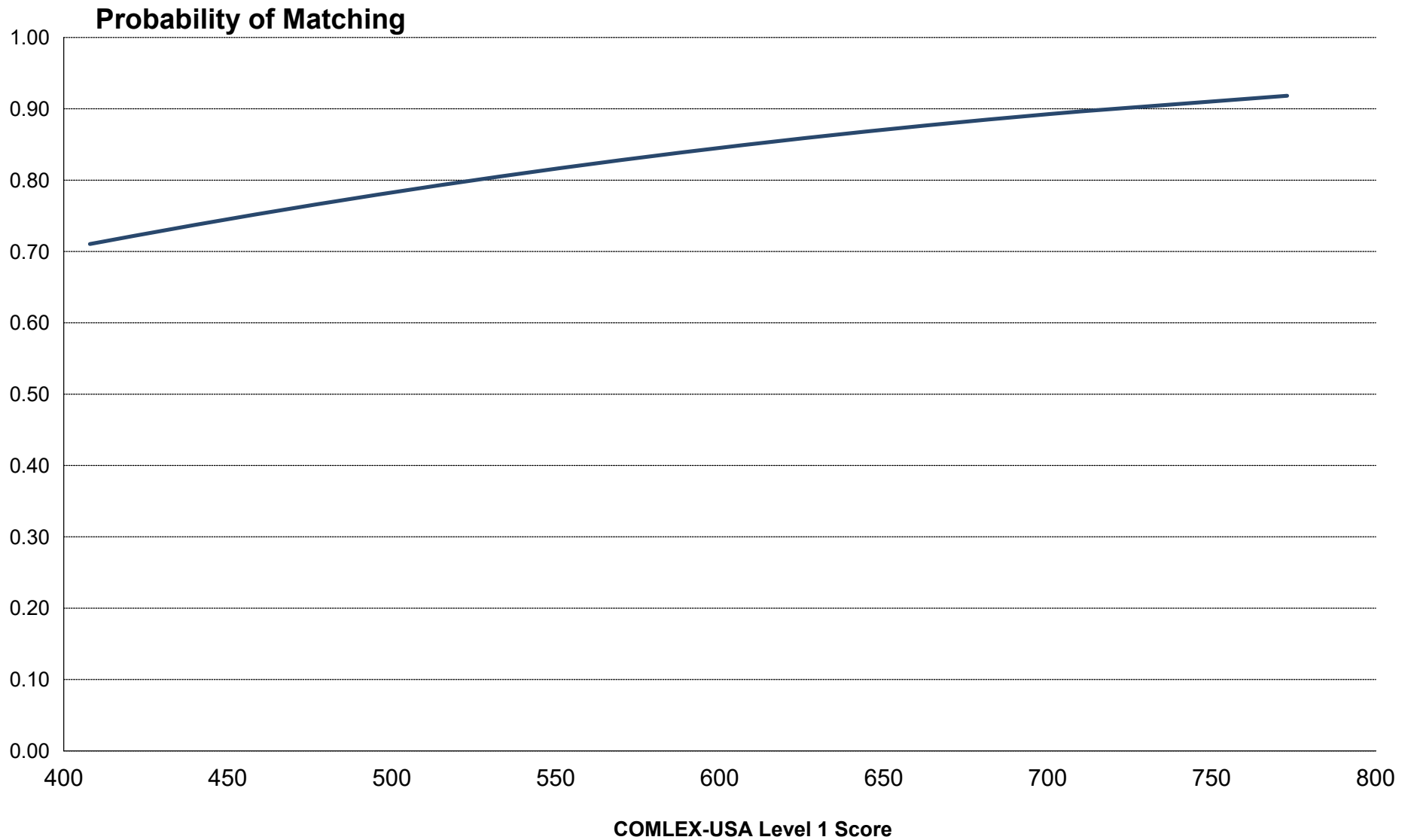
**COMLEX-USA Level 2-CE Scores of U.S. Osteopathic Medical Students and Graduates  
Neurology**



Sources: COMLEX-USA scores provided by NBOME;  
Match outcomes from NRMP Data Warehouse

**Graph  
N-2**

**Probability of U.S. Osteopathic Medical Students/Graduates Matching to Preferred Specialty by  
COMLEX-USA Level 1 Score**  
*Neurology*



Sources: COMLEX-USA scores provided by NBOME; Match outcomes from NRMP Data Warehouse

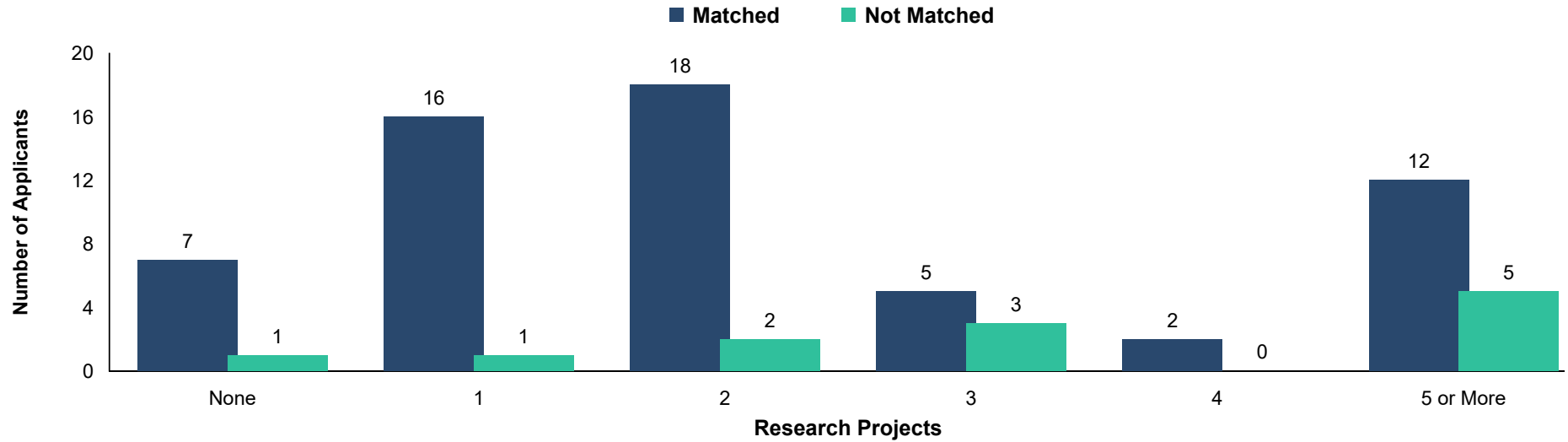
Note: Probabilities calculated based on 2016 applicants only.

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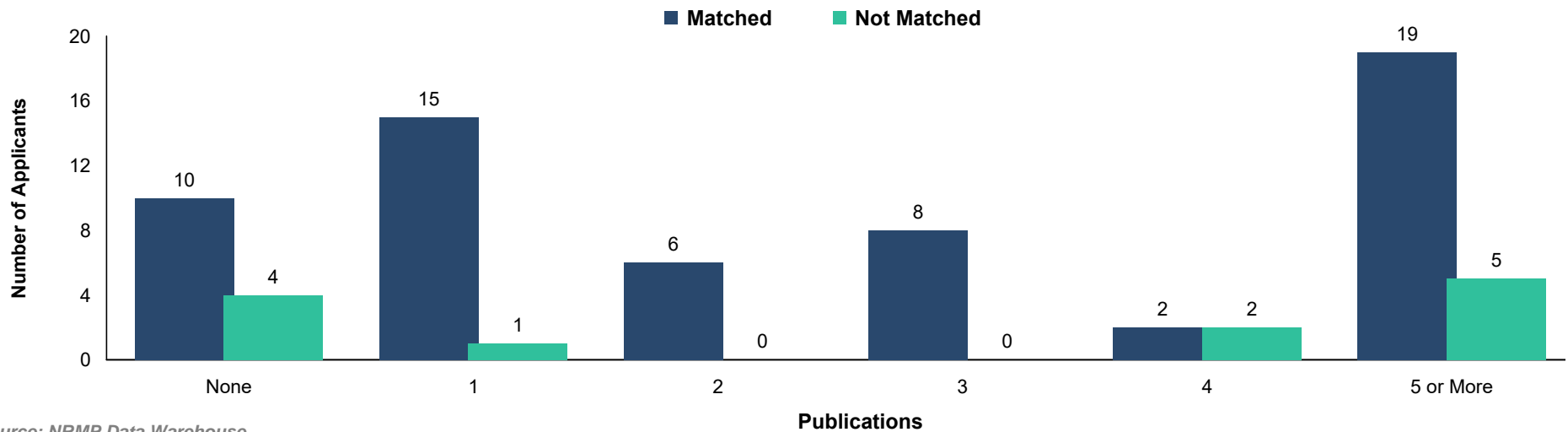
**Chart N-5**

**Number of Research Projects of U.S. Osteopathic Medical Students/Graduates**



**Chart N-6**

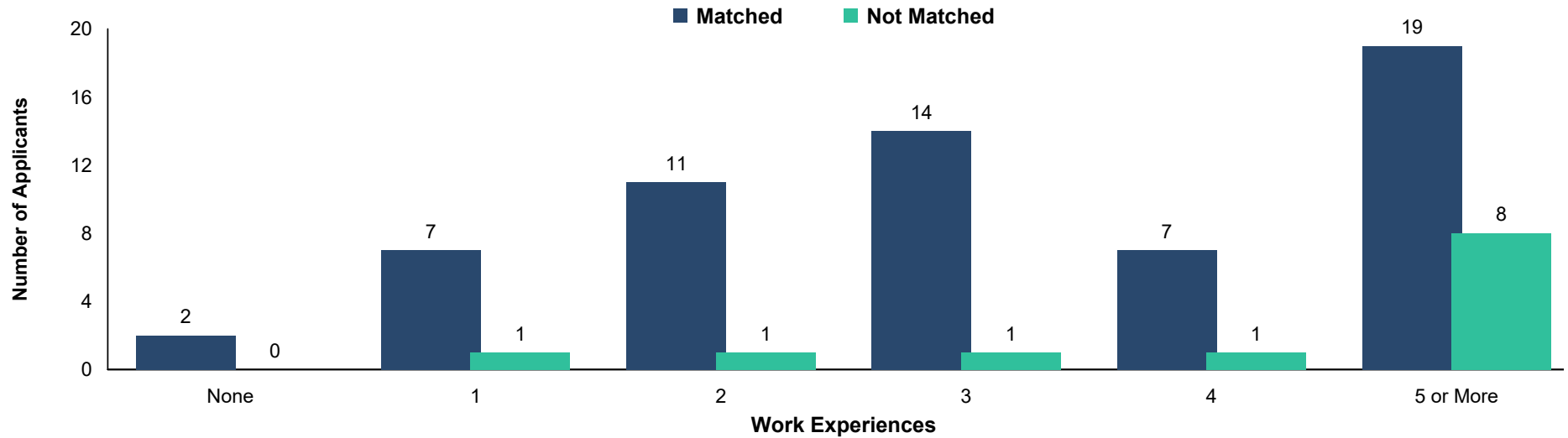
**Number of Abstracts, Presentations, and Publications of U.S. Osteopathic Medical Students and Graduates**  
*Neurology*



Source: NRMP Data Warehouse

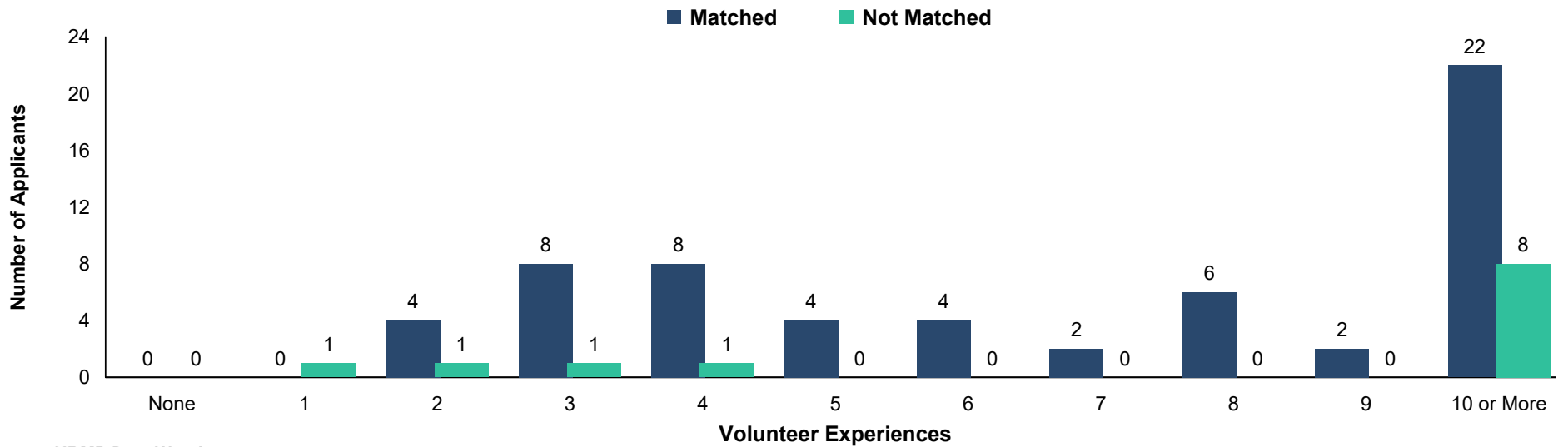
**Chart N-7**

**Number of Work Experiences of U.S. Osteopathic Medical Students/Graduates**



**Chart N-8**

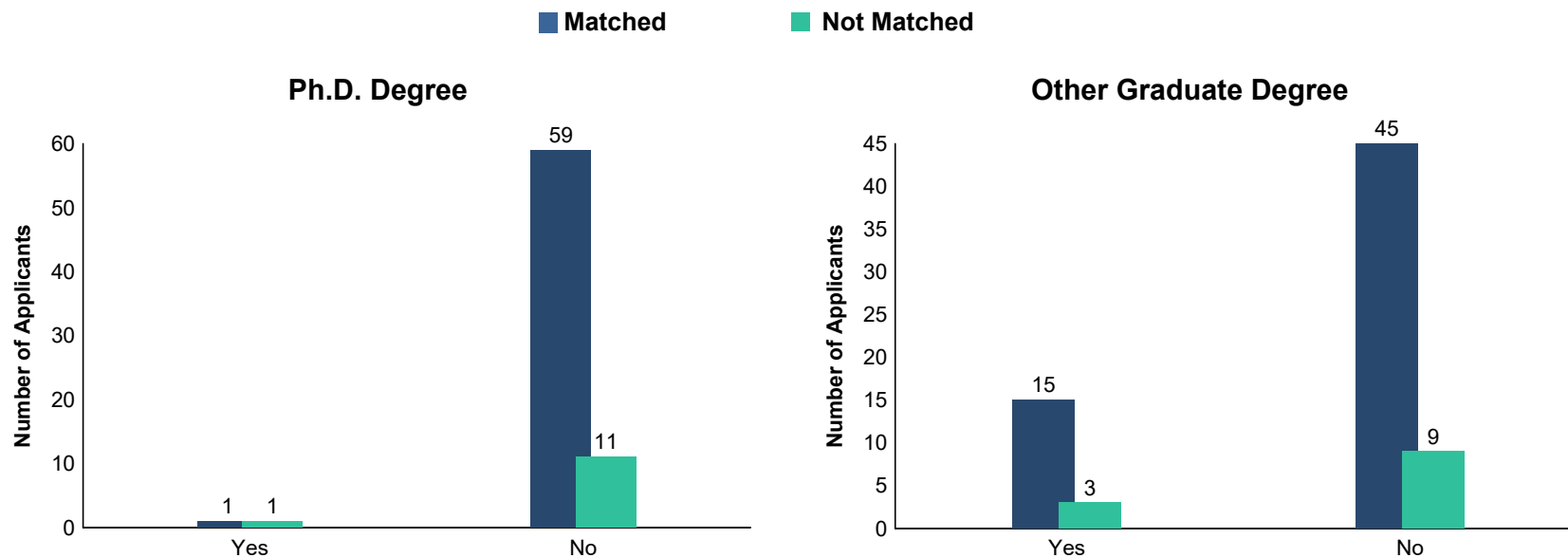
**Number of Volunteer Experiences of U.S. Osteopathic Medical Students and Graduates**



Source: NRMP Data Warehouse

**Chart  
N-9**

**Other Characteristics of U.S. Osteopathic Medical Students/Graduates  
Neurology**



Source: NRMP Data Warehouse.

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**OB** **Obstetrics and Gynecology**

**Table OB-1** **Summary Statistics on U.S. Osteopathic Medical Students/Graduates**  
*Obstetrics and Gynecology*

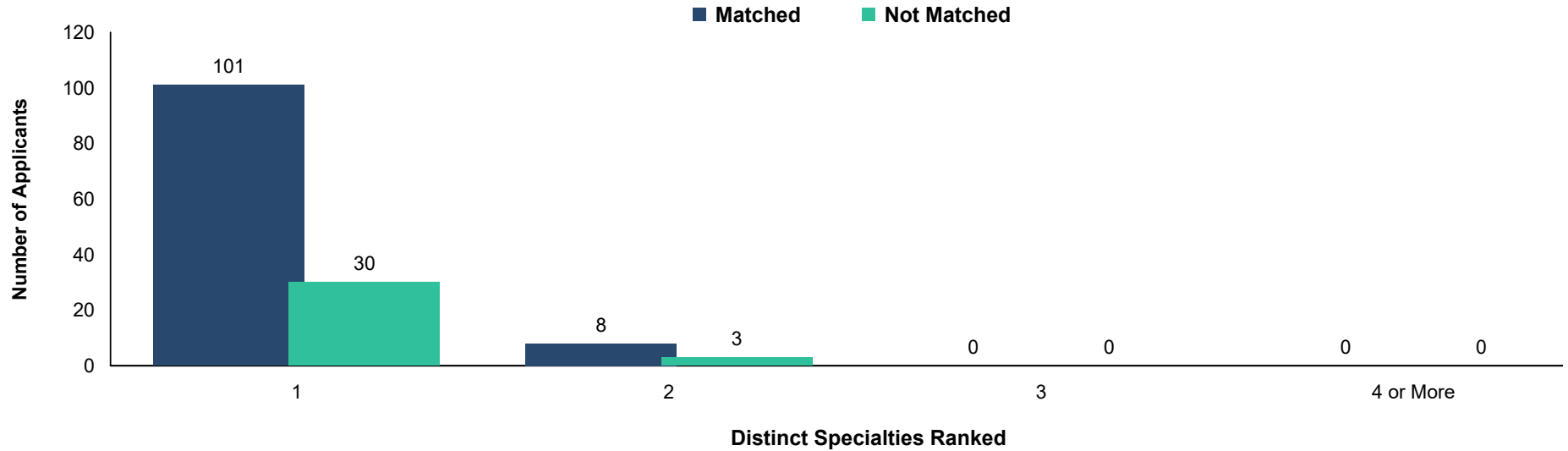
Measure	Matched (n=109)	Unmatched (n=34)
1. Mean number of contiguous ranks	9.9	3.9
2. Mean number of distinct specialties ranked	1.1	1.2
3. Mean COMLEX-USA Level 1 score	585	495
4. Mean COMLEX-USA Level 2-CE score	593	501
5. Mean number of research experiences	1.9	1.5
6. Mean number of abstracts, presentations, and publications	2.2	1.6
7. Mean number of work experiences	3.3	4.7
8. Mean number of volunteer experiences	7.6	6.7
9. Percentage who have a Ph.D. degree	0.0	0.0
10. Percentage who have another graduate degree	28.6	41.7

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

Note: Only osteopathic medical students/graduates who gave consent to use their information in research are included.

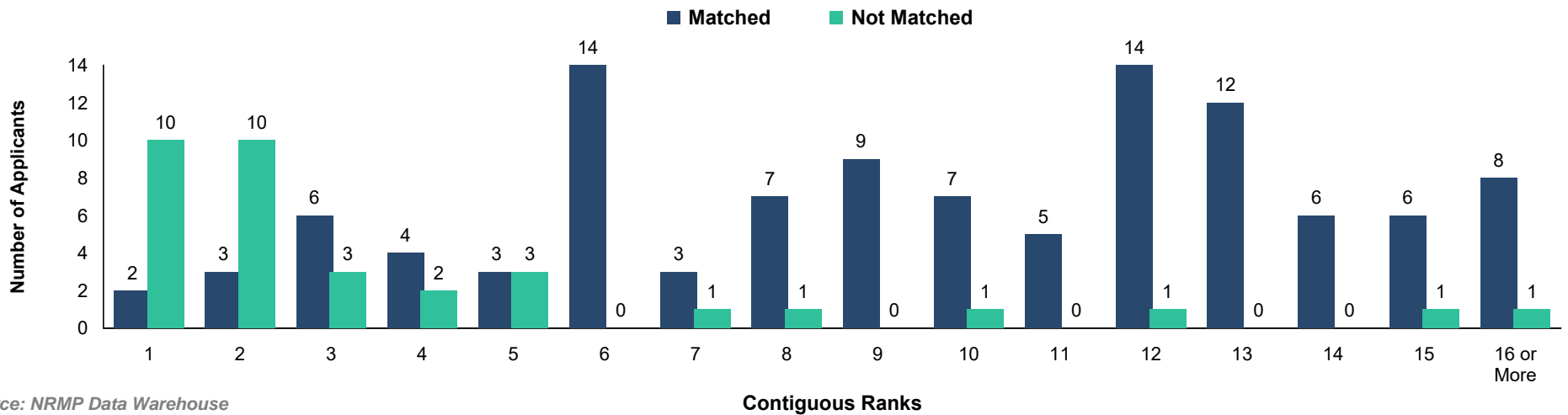
**Chart  
OB-1**

**Number of Distinct Specialties Ranked by U.S. Osteopathic Medical Students/Graduates  
*Obstetrics and Gynecology***



**Chart  
OB-2**

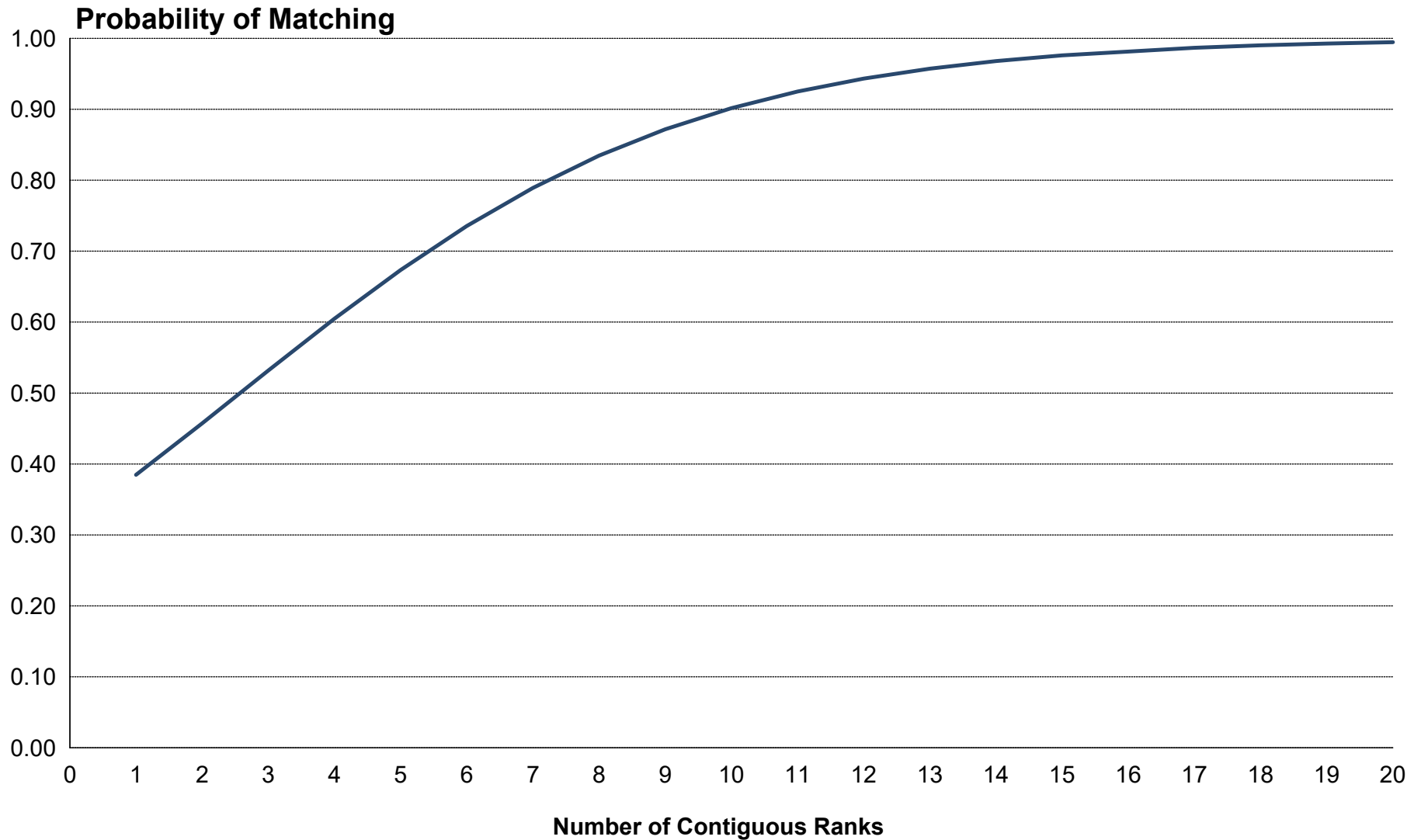
**Number of Contiguous Ranks of U.S. Osteopathic Medical Students and Graduates  
*Obstetrics and Gynecology***



Source: NRMP Data Warehouse

**Graph  
OB-1**

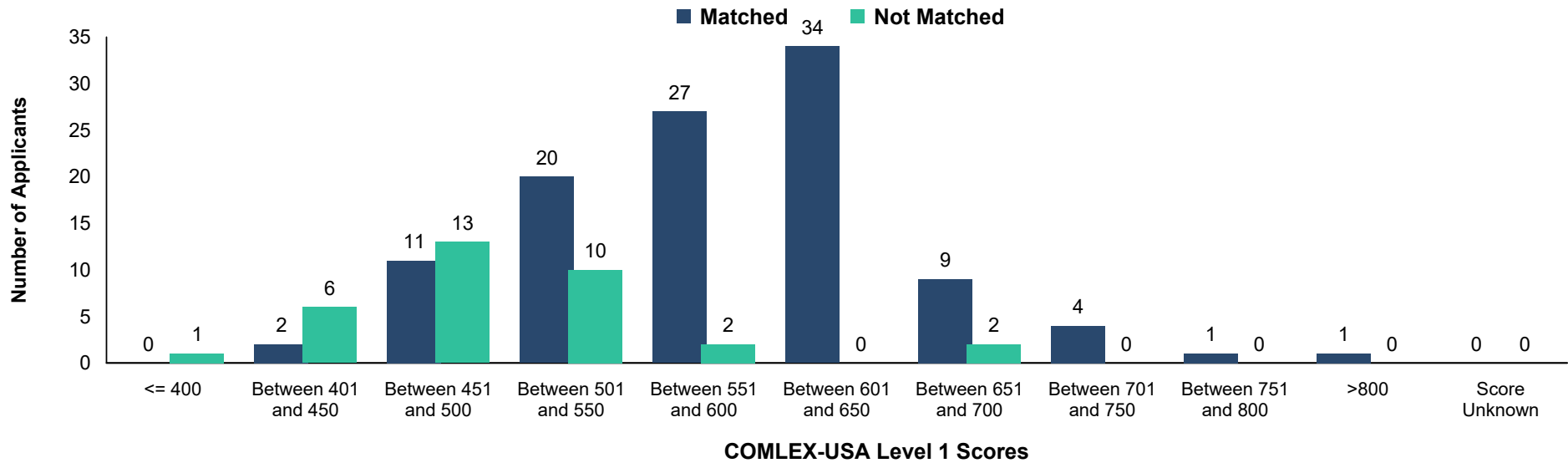
**Probability of U.S. Osteopathic Medical Students/Graduates Matching to Preferred Specialty by  
Number of Contiguous Ranks**  
*Obstetrics and Gynecology*



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

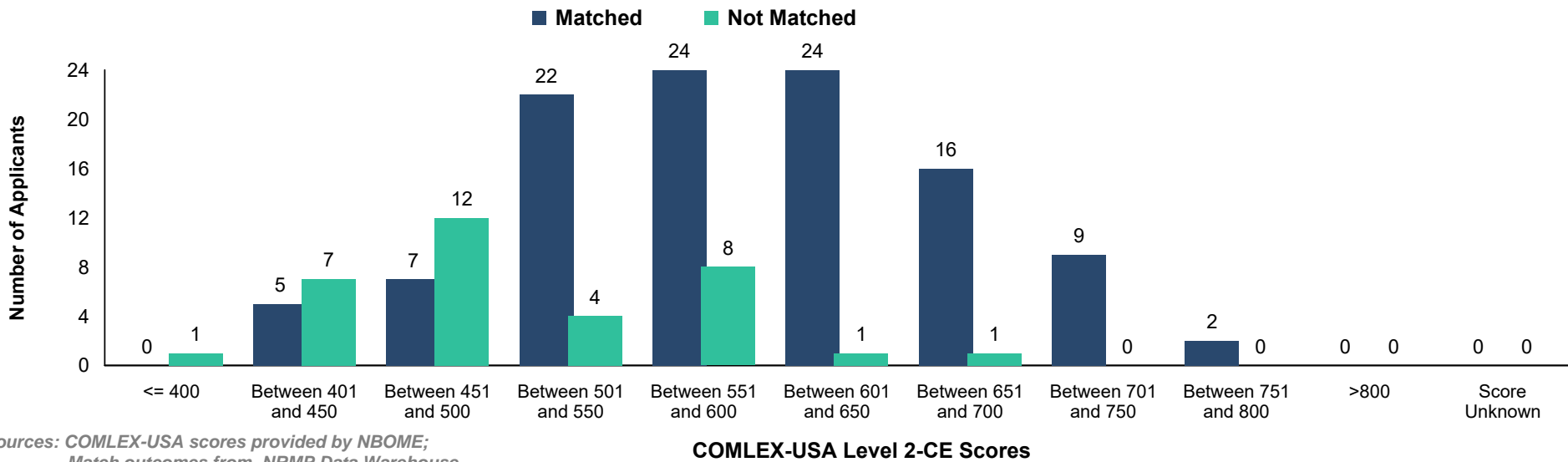
**Chart  
OB-3**

**COMLEX-USA Level 1 Scores of U.S. Osteopathic Medical Students/Graduates  
*Obstetrics and Gynecology***



**Chart  
OB-4**

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

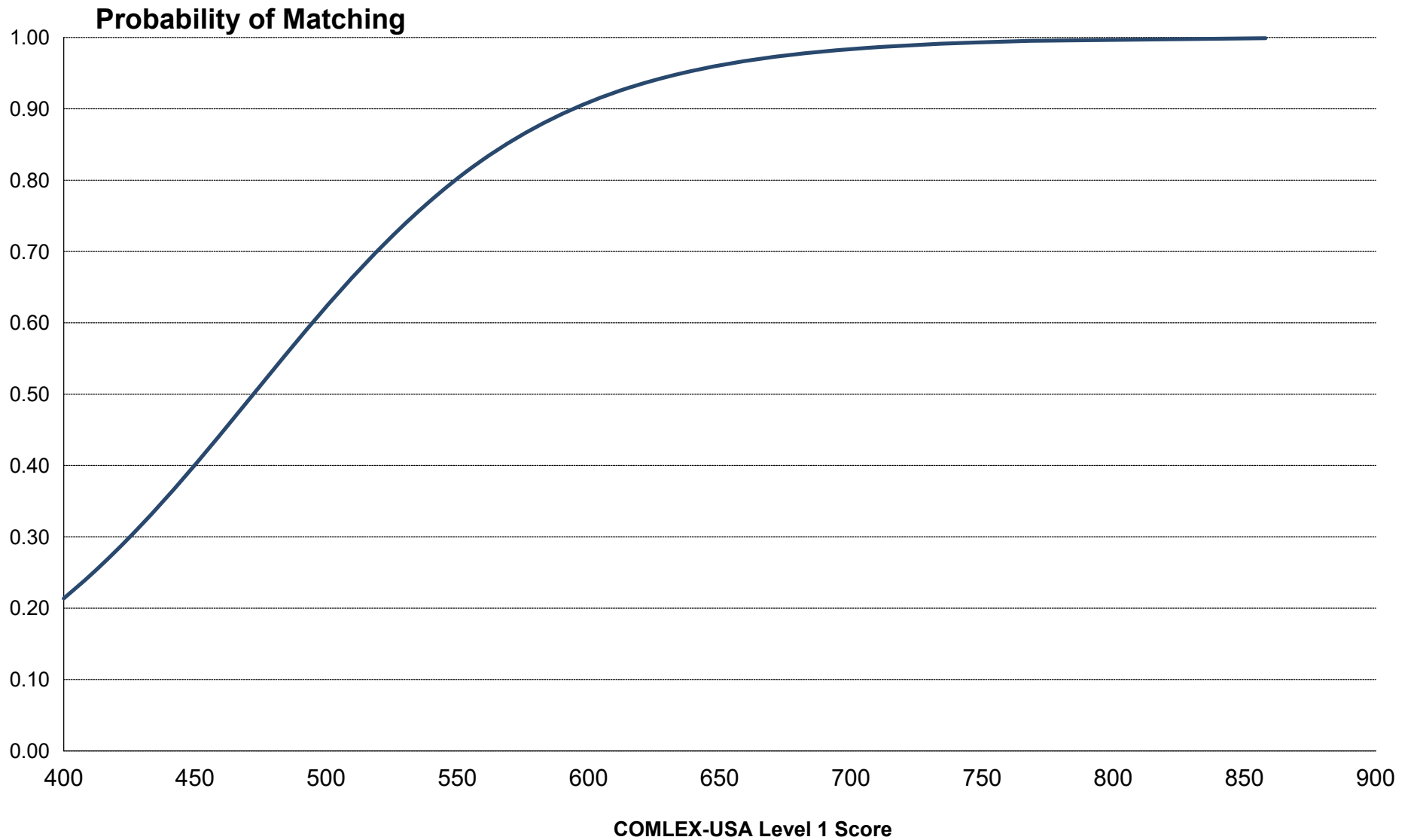


Sources: COMLEX-USA scores provided by NBOME;  
Match outcomes from NRMP Data Warehouse



**Graph  
OB-2**

**Probability of U.S. Osteopathic Medical Students/Graduates Matching to Preferred Specialty by  
COMLEX-USA Level 1 Score**  
*Obstetrics and Gynecology*



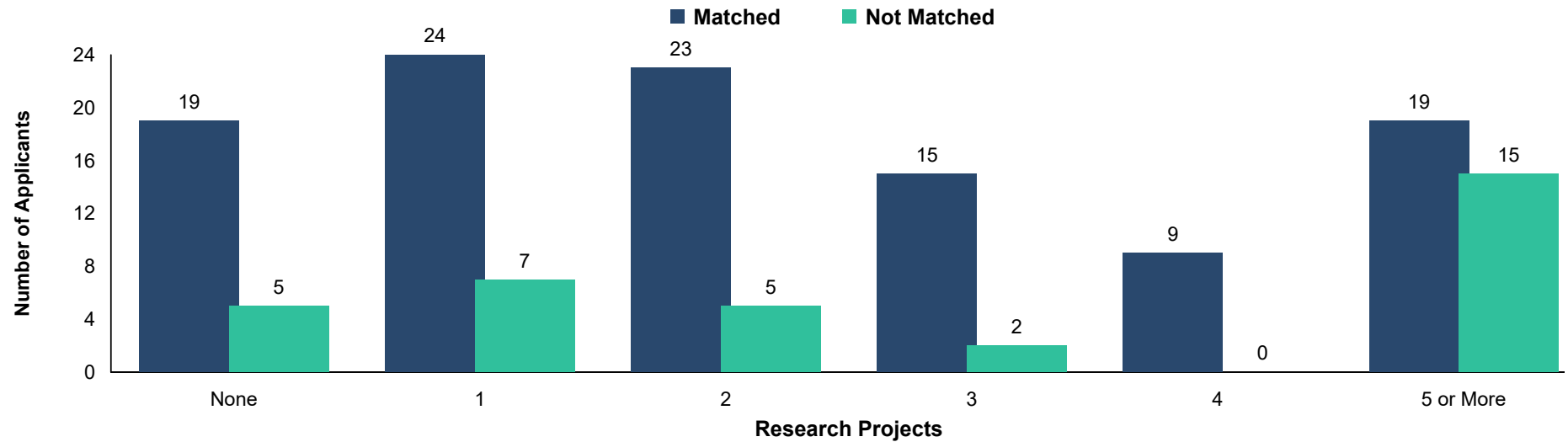
Sources: COMLEX-USA scores provided by NBOME; Match outcomes from NRMP Data Warehouse

Note: Probabilities calculated based on 2016 applicants only.

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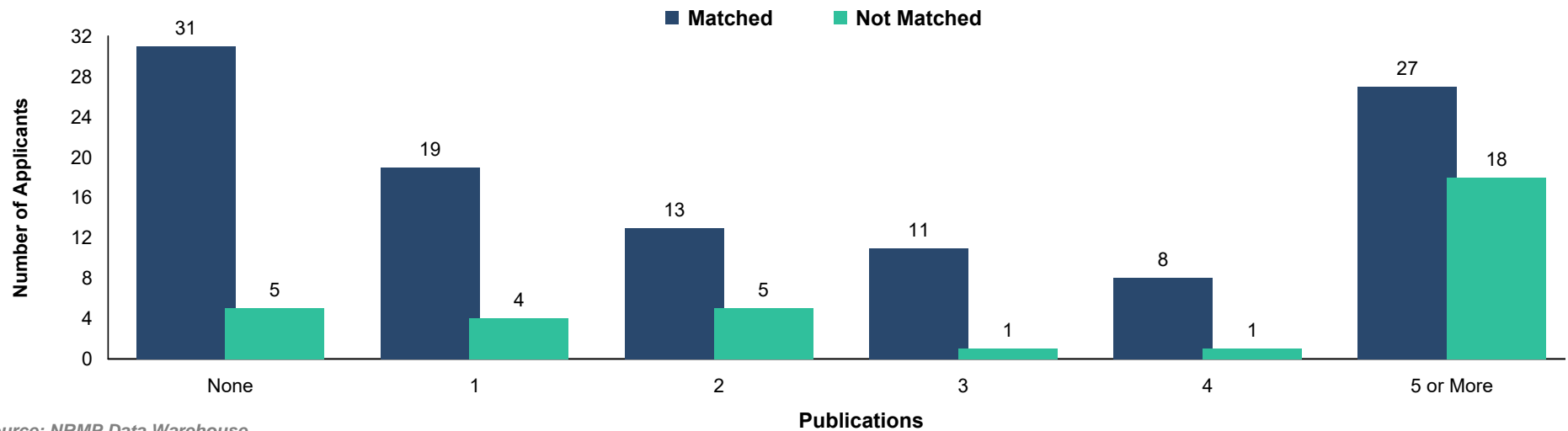
**Chart  
OB-5**

### Number of Research Projects of U.S. Osteopathic Medical Students/Graduates



**Chart  
OB-6**

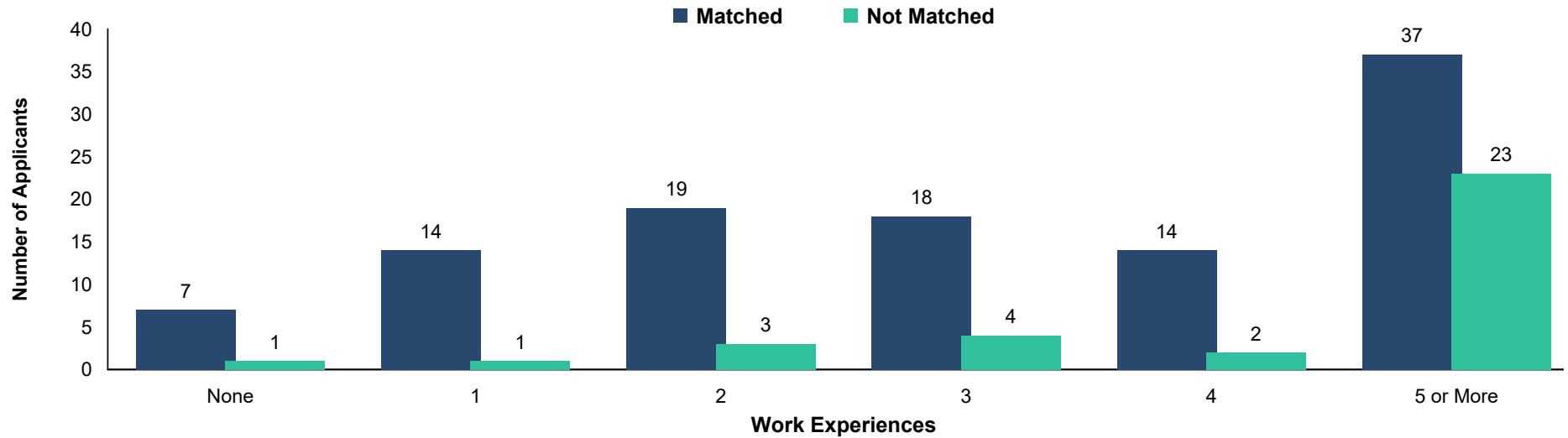
### Number of Abstracts, Presentations, and Publications of U.S. Osteopathic Medical Students and Graduates *Obstetrics and Gynecology*



Source: NRMP Data Warehouse

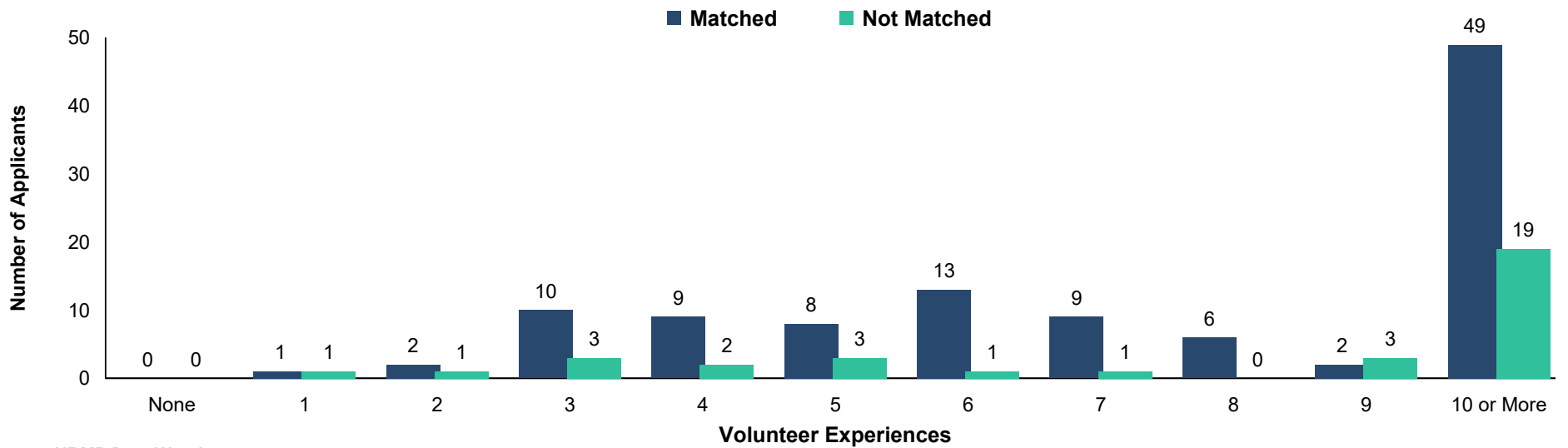
**Chart  
OB-7**

**Number of Work Experiences of U.S. Osteopathic Medical Students/Graduates**



**Chart  
OB-8**

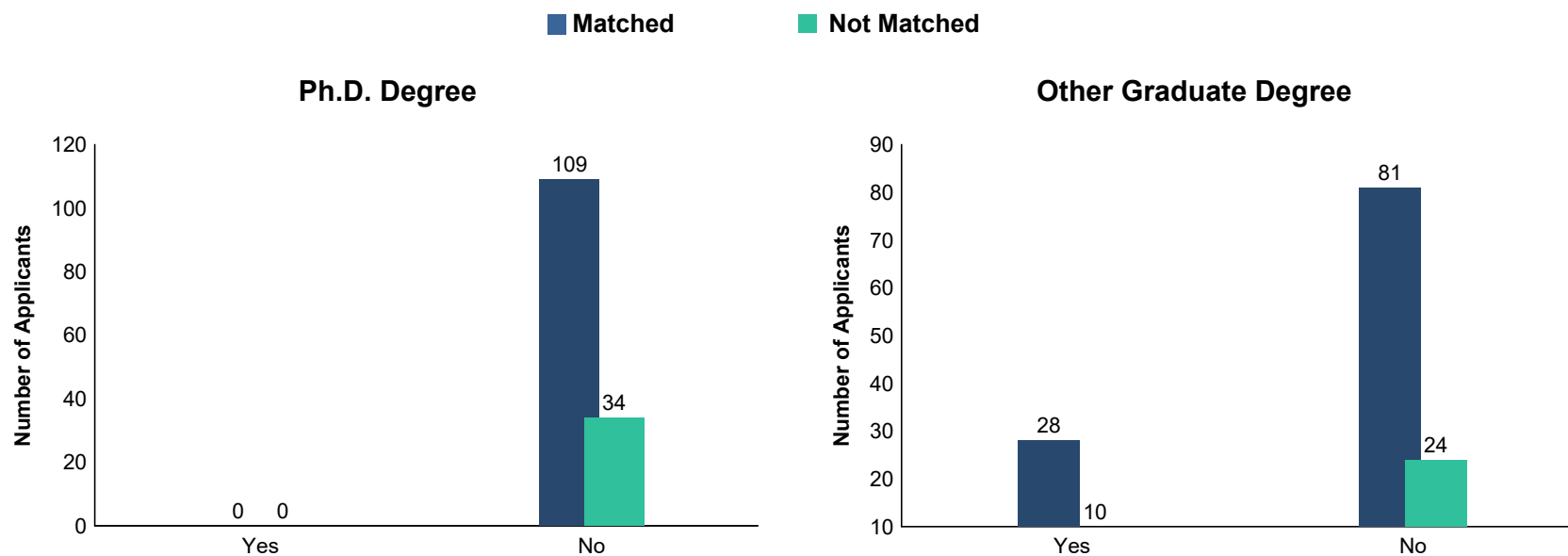
**Number of Volunteer Experiences of U.S. Osteopathic Medical Students and Graduates**



Source: NRMP Data Warehouse

**Chart  
OB-9**

**Other Characteristics of U.S. Osteopathic Medical Students/Graduates  
Obstetrics and Gynecology**



Source: NRMP Data Warehouse.

---

**PTH** Pathology

**Table PTH-1** **Summary Statistics on U.S. Osteopathic Medical Students/Graduates**  
*Pathology*

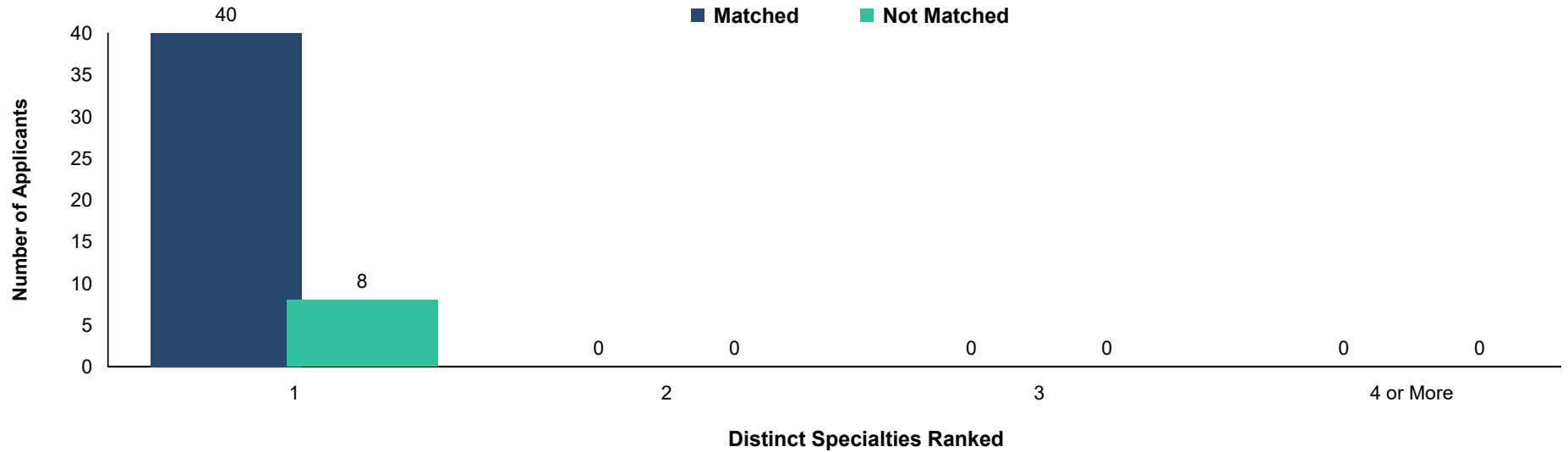
Measure	Matched (n=40)	Unmatched (n=8)
1. Mean number of contiguous ranks	8.8	6.6
2. Mean number of distinct specialties ranked	1.0	1.0
3. Mean COMLEX-USA Level 1 score	558	483
4. Mean COMLEX-USA Level 2-CE score	563	446
5. Mean number of research experiences	1.9	2.0
6. Mean number of abstracts, presentations, and publications	2.1	0.0
7. Mean number of work experiences	2.7	3.5
8. Mean number of volunteer experiences	3.4	3.0
9. Percentage who have a Ph.D. degree	0.0	0.0
10. Percentage who have another graduate degree	21.9	0.0

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

Note: Only osteopathic medical students/graduates who gave consent to use their information in research are included.

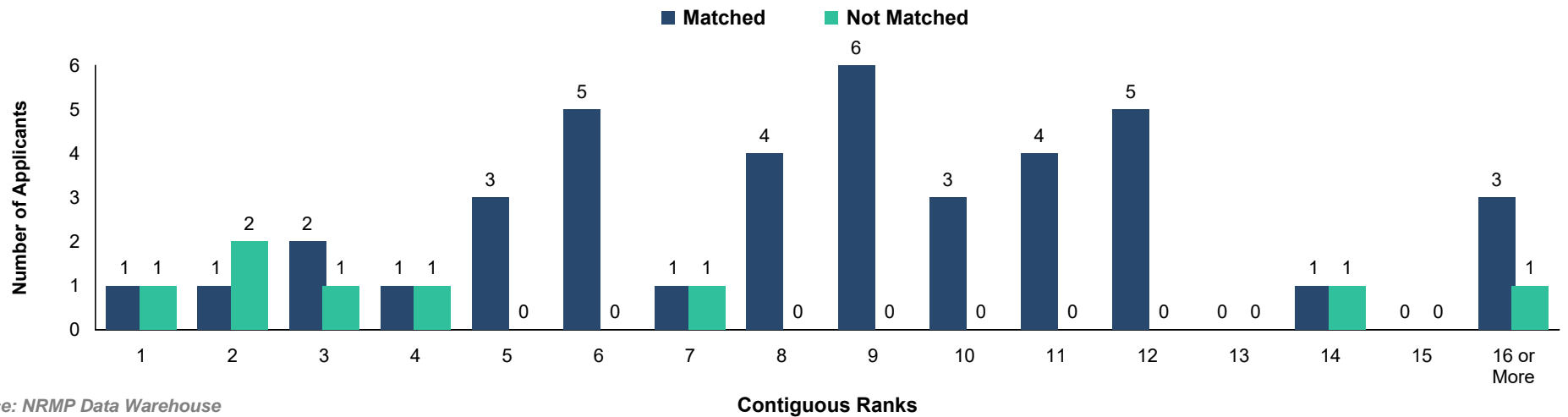
**Chart  
PTH-1**

**Number of Distinct Specialties Ranked by U.S. Osteopathic Medical Students/Graduates  
Pathology**



**Chart  
PTH-2**

**Number of Contiguous Ranks of U.S. Osteopathic Medical Students and Graduates  
Pathology**

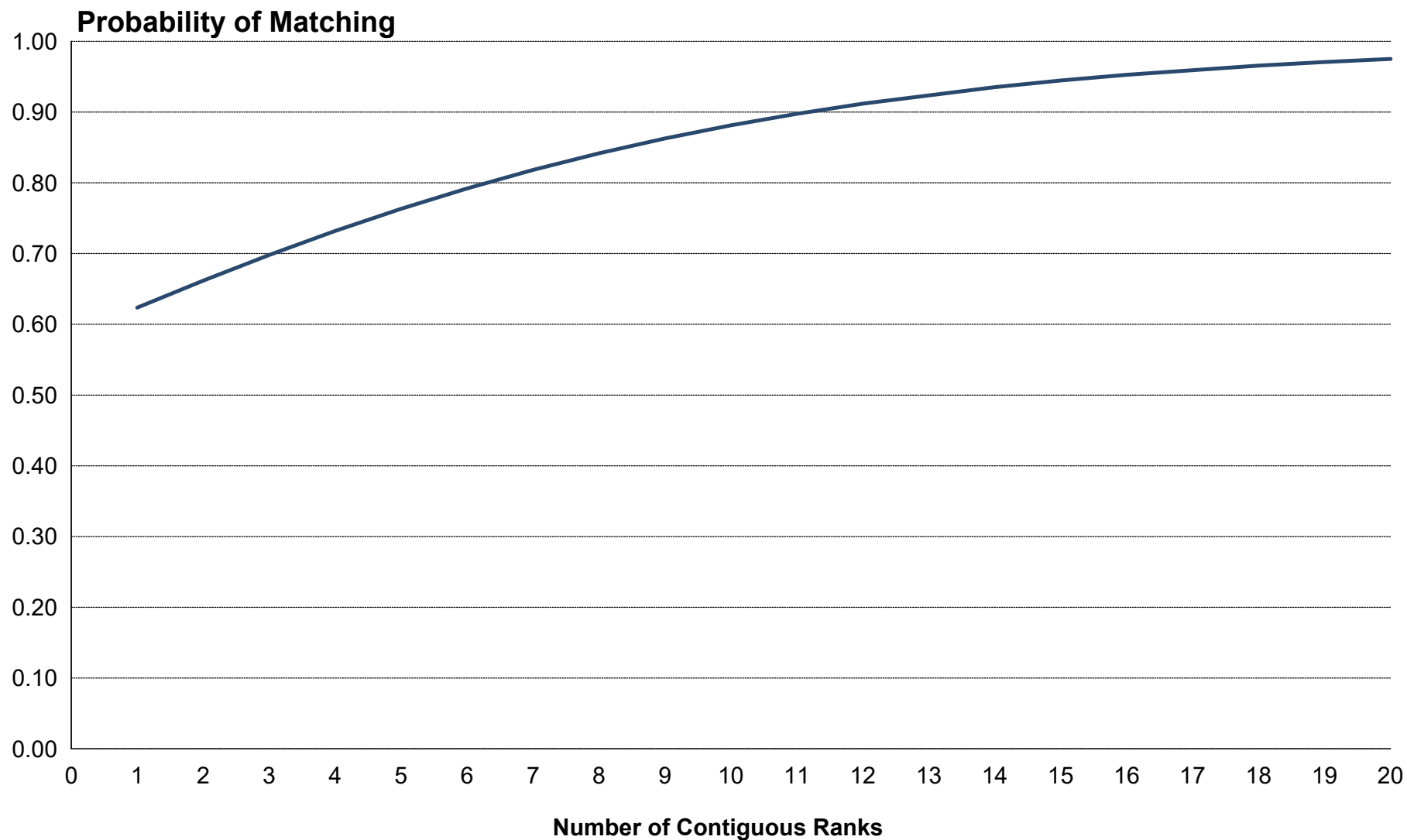


Source: NRMP Data Warehouse

**Graph  
PTH-1**

**Probability of U.S. Osteopathic Medical Students/Graduates Matching to Preferred Specialty by  
Number of Contiguous Ranks**

*Pathology*

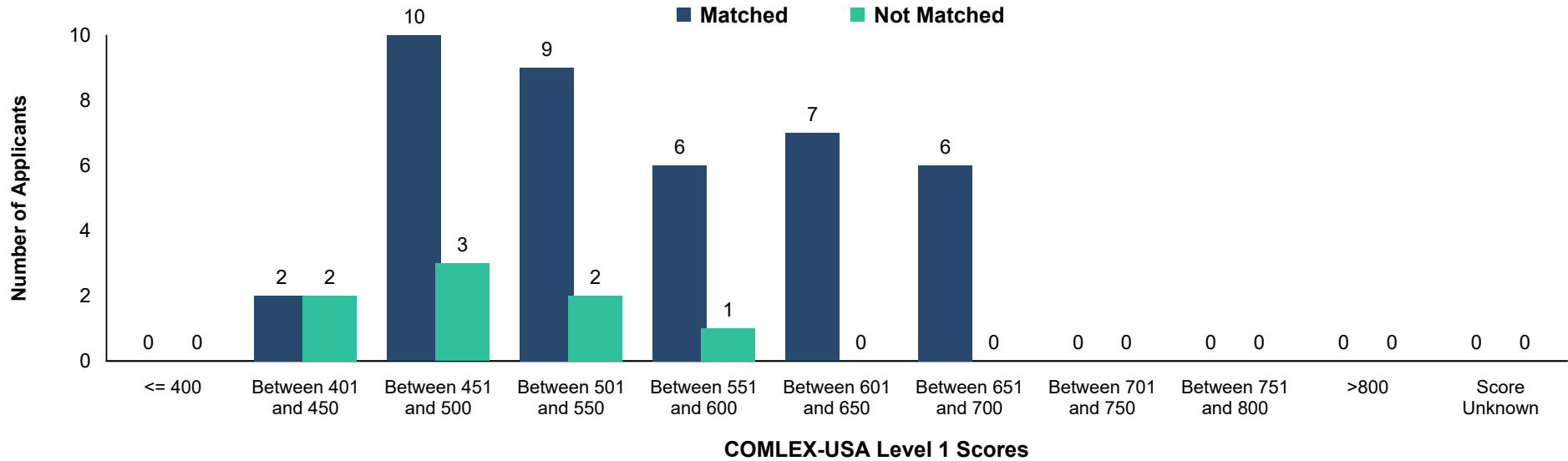


Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2016 applicants only.



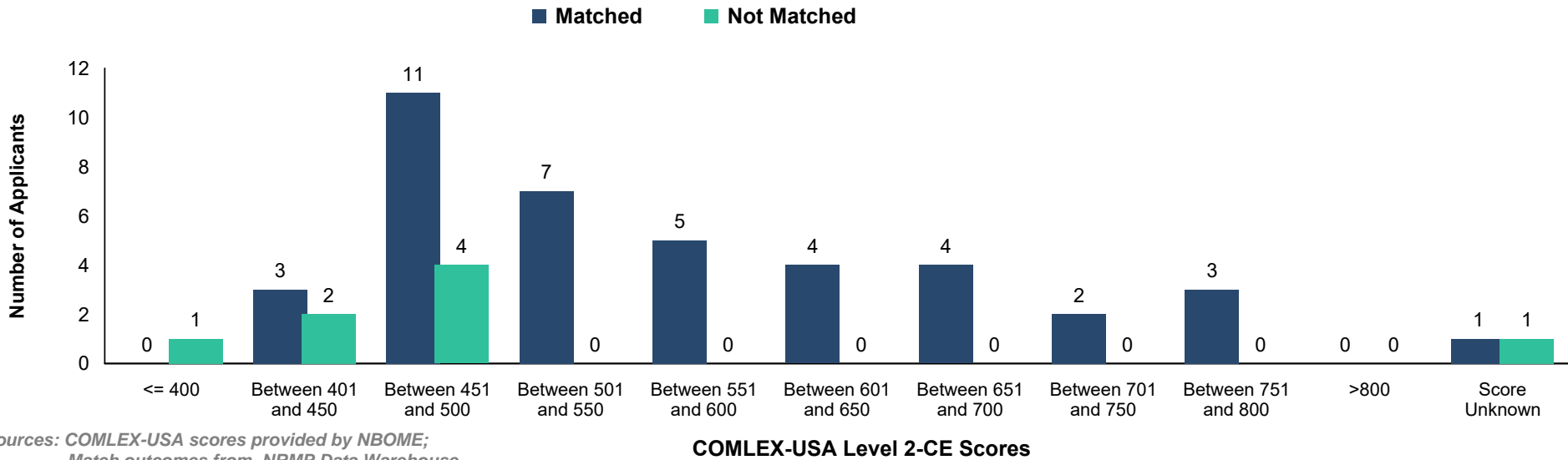
**Chart  
PTH-3**

**COMLEX-USA Level 1 Scores of U.S. Osteopathic Medical Students/Graduates  
Pathology**



**Chart  
PTH-4**

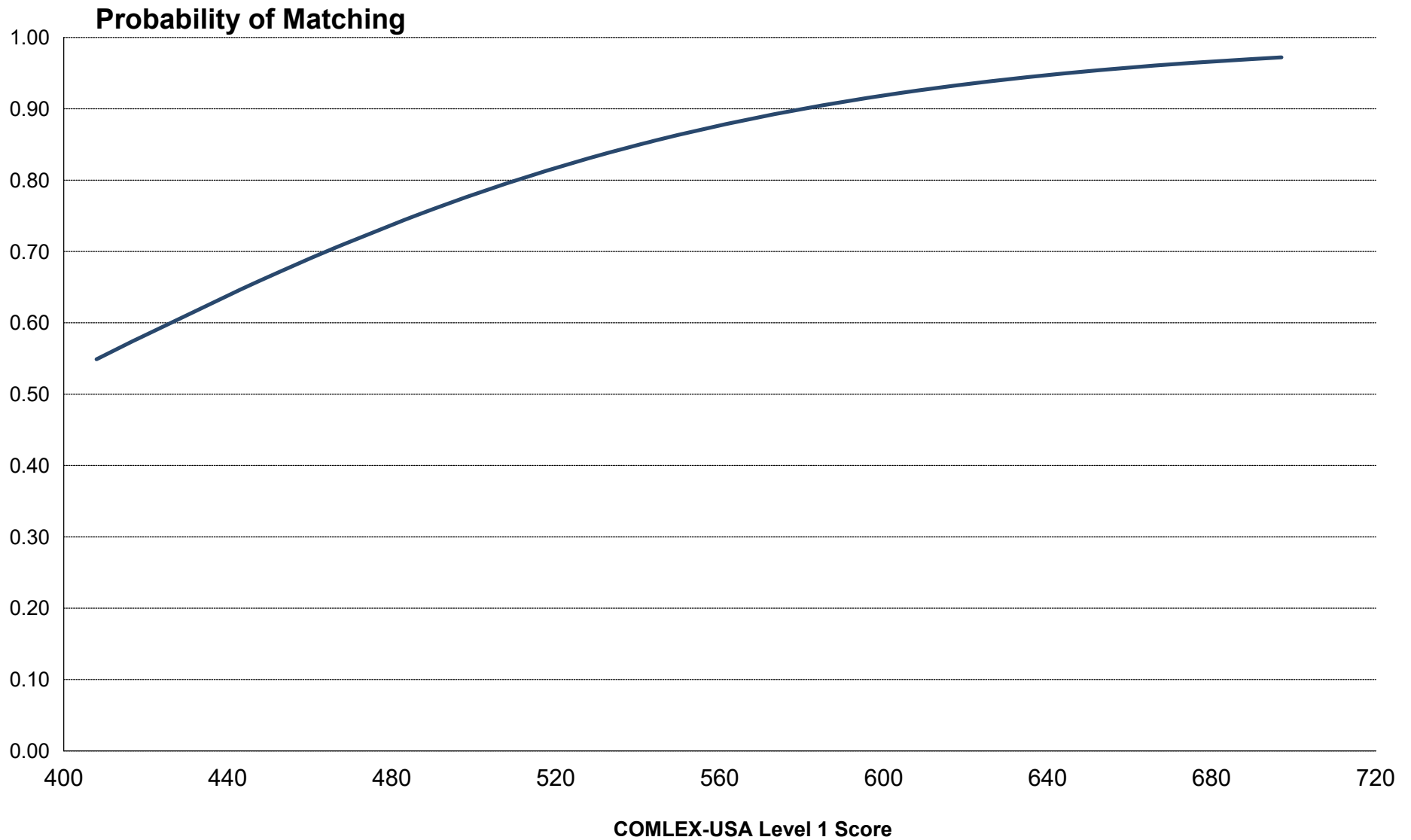
**COMLEX-USA Level 2-CE Scores of U.S. Osteopathic Medical Students and Graduates  
Pathology**



Sources: COMLEX-USA scores provided by NBOME;  
Match outcomes from NRMP Data Warehouse

**Graph  
PTH-2**

**Probability of U.S. Osteopathic Medical Students/Graduates Matching to Preferred Specialty by  
COMLEX-USA Level 1 Score**  
*Pathology*



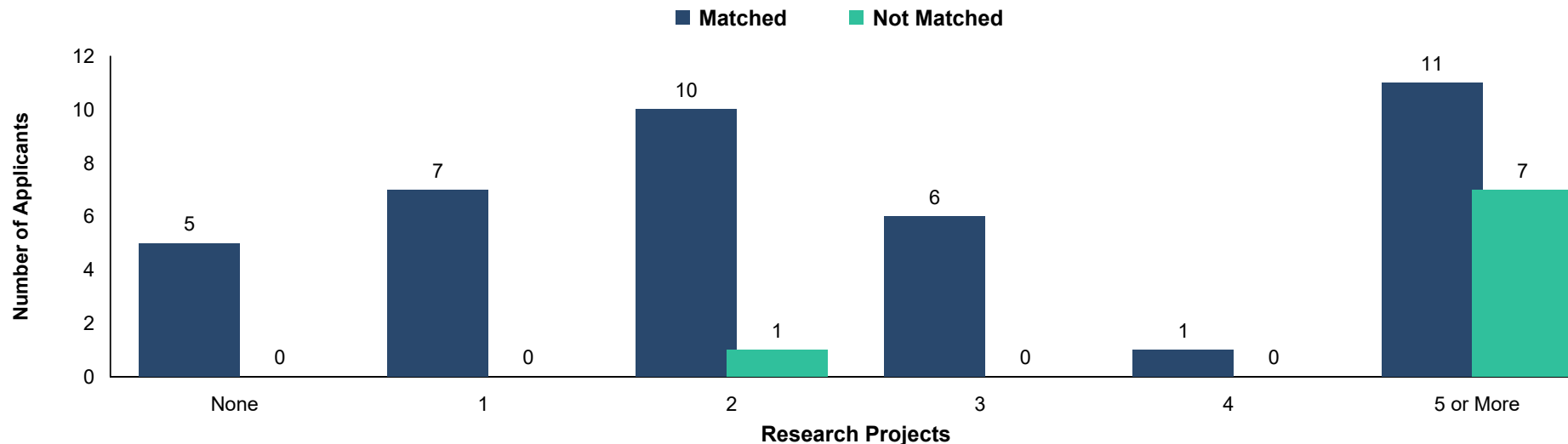
Sources: COMLEX-USA scores provided by NBOME; Match outcomes from NRMP Data Warehouse

Note: Probabilities calculated based on 2016 applicants only.

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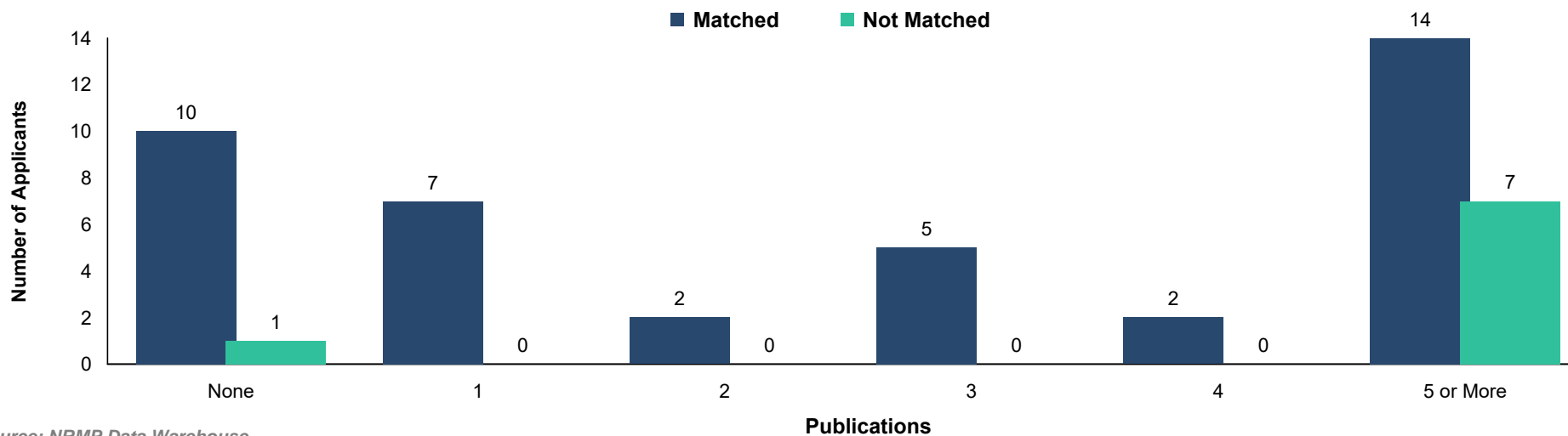
**Chart  
PTH-5**

**Number of Research Projects of U.S. Osteopathic Medical Students/Graduates**



**Chart  
PTH-6**

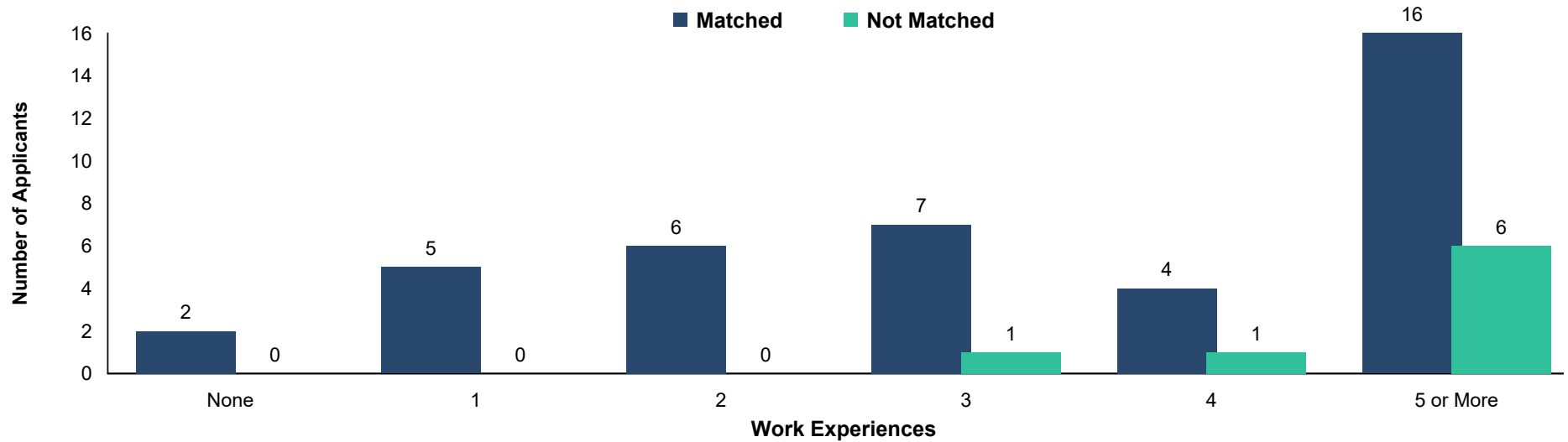
**Number of Abstracts, Presentations, and Publications of U.S. Osteopathic Medical Students and Graduates**  
*Pathology*



Source: NRMP Data Warehouse

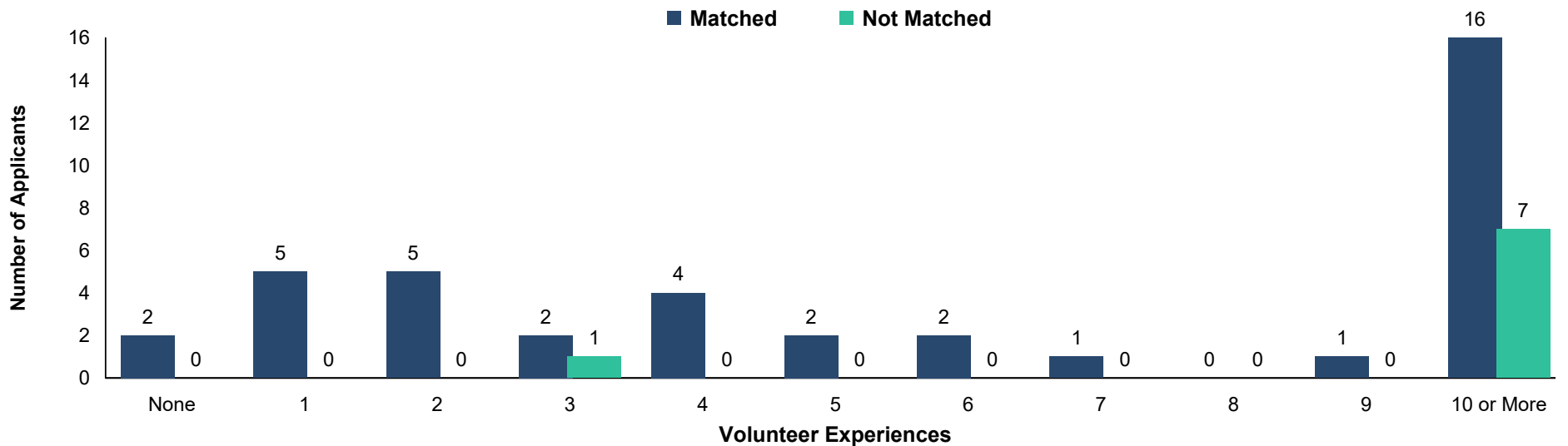
**Chart  
PTH-7**

**Number of Work Experiences of U.S. Osteopathic Medical Students/Graduates**



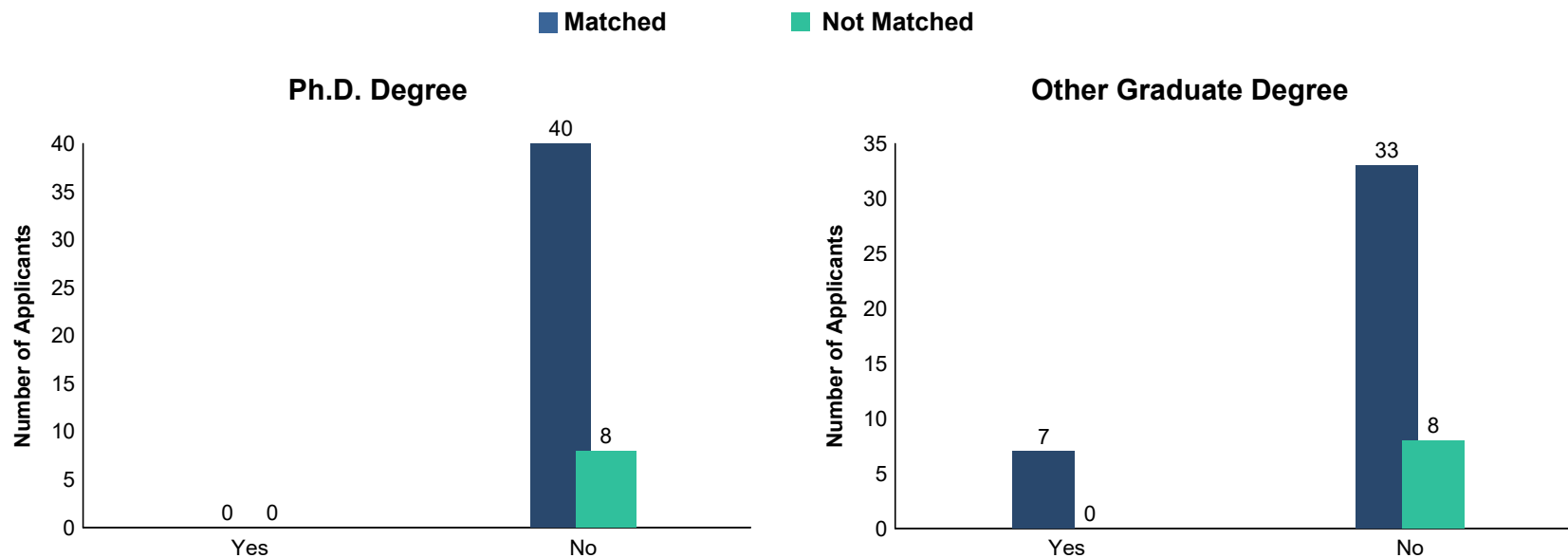
**Chart  
PTH-8**

**Number of Volunteer Experiences of U.S. Osteopathic Medical Students and Graduates**



Source: NRMP Data Warehouse

**Other Characteristics of U.S. Osteopathic Medical Students/Graduates  
Pathology**



Source: NRMP Data Warehouse.

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**PD** **Pediatrics**

**Table PD-1** **Summary Statistics on U.S. Osteopathic Medical Students/Graduates**  
*Pediatrics*

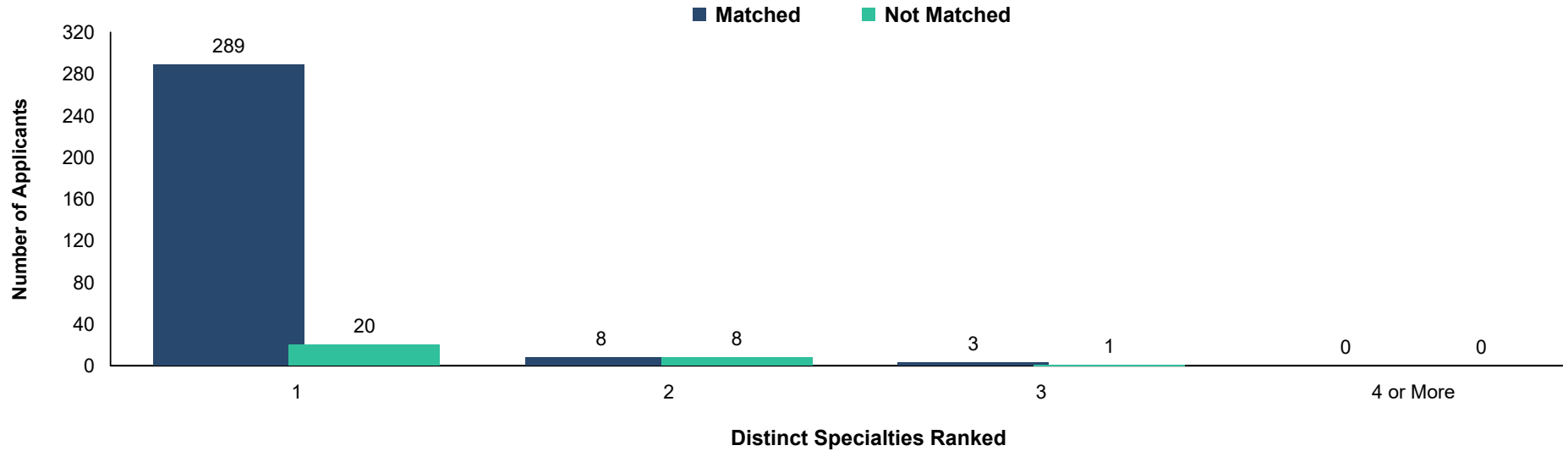
Measure	Matched (n=300)	Unmatched (n=29)
1. Mean number of contiguous ranks	9.5	4.8
2. Mean number of distinct specialties ranked	1.0	1.3
3. Mean COMLEX-USA Level 1 score	550	464
4. Mean COMLEX-USA Level 2-CE score	569	462
5. Mean number of research experiences	1.7	1.6
6. Mean number of abstracts, presentations, and publications	1.9	1.5
7. Mean number of work experiences	3.1	2.6
8. Mean number of volunteer experiences	7.9	7.9
9. Percentage who have a Ph.D. degree	0.0	0.0
10. Percentage who have another graduate degree	23.9	32.1

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

Note: Only osteopathic medical students/graduates who gave consent to use their information in research are included.

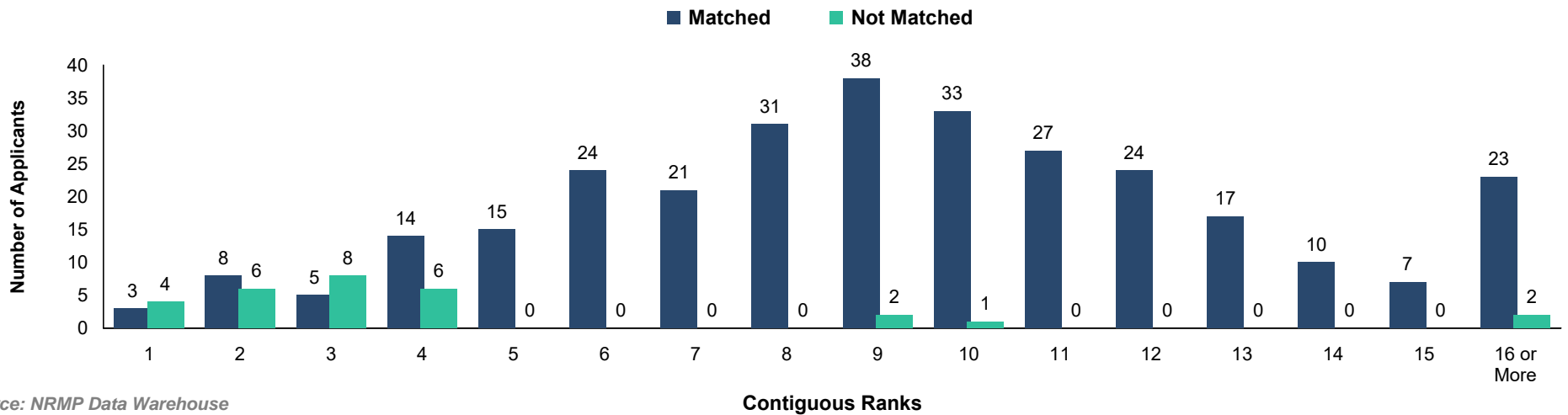
**Chart  
PD-1**

**Number of Distinct Specialties Ranked by U.S. Osteopathic Medical Students/Graduates  
*Pediatrics***



**Chart  
PD-2**

**Number of Contiguous Ranks of U.S. Osteopathic Medical Students and Graduates  
*Pediatrics***



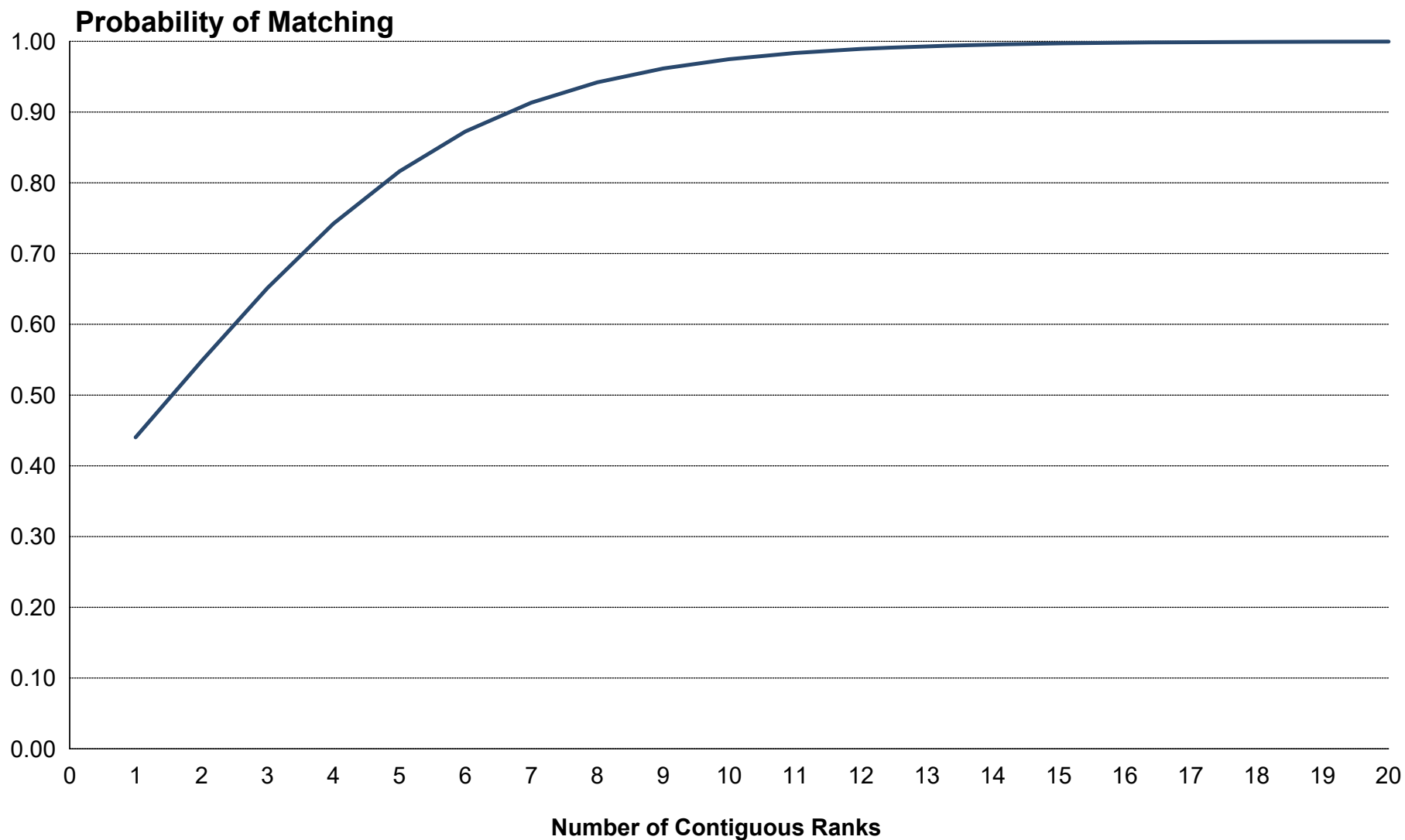
Source: NRMP Data Warehouse



**Graph  
PD-1**

**Probability of U.S. Osteopathic Medical Students/Graduates Matching to Preferred Specialty by  
Number of Contiguous Ranks**

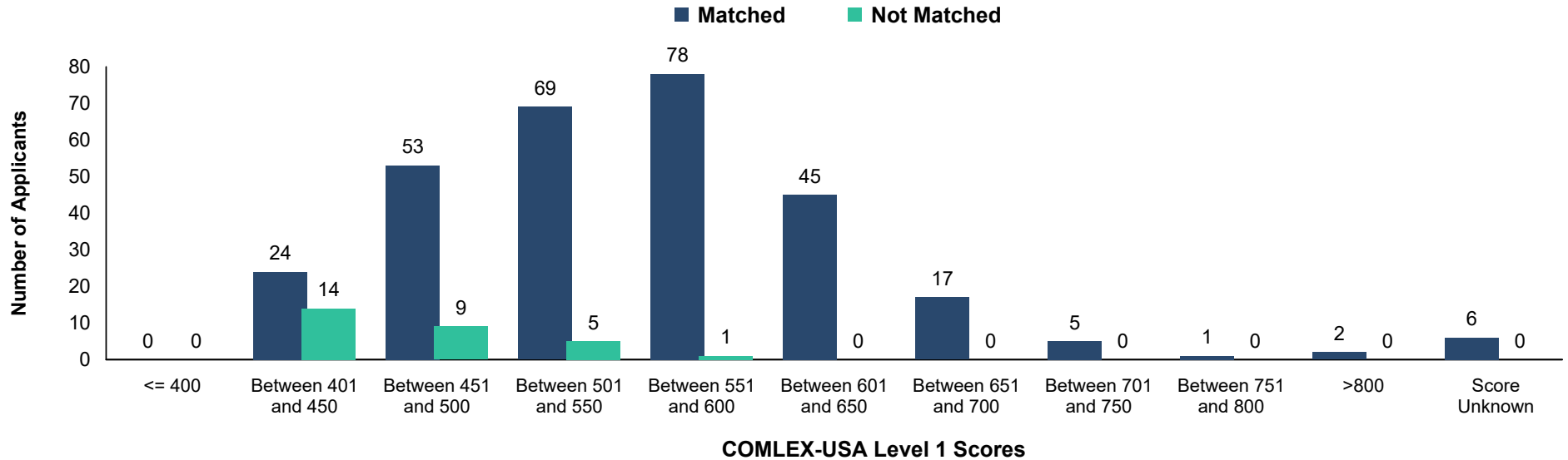
*Pediatrics*



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

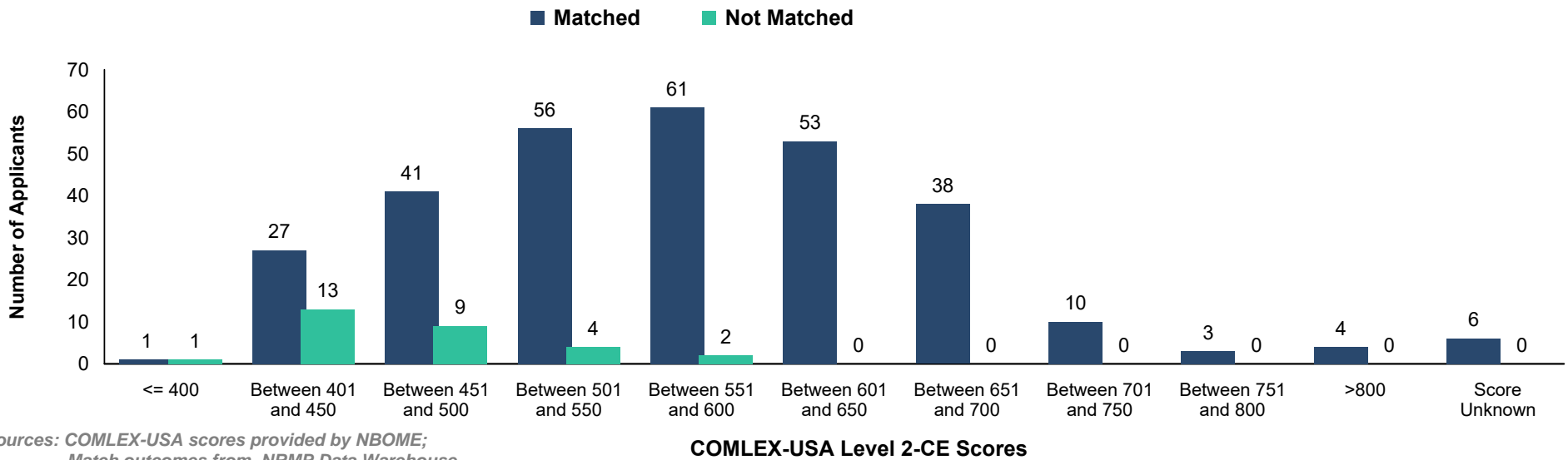
**Chart  
PD-3**

**COMLEX-USA Level 1 Scores of U.S. Osteopathic Medical Students/Graduates  
Pediatrics**



**Chart  
PD-4**

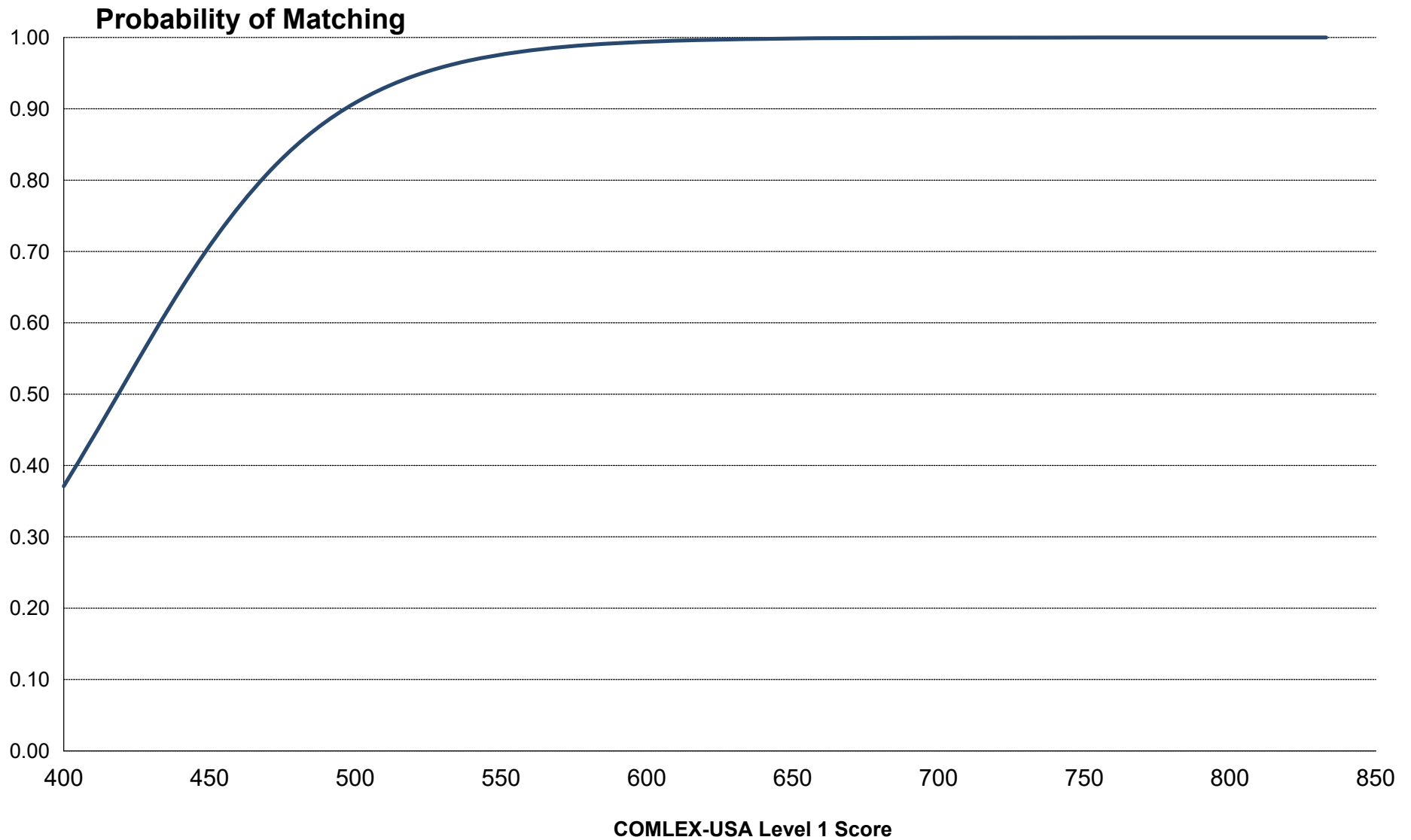
**COMLEX-USA Level 2-CE Scores of U.S. Osteopathic Medical Students and Graduates  
Pediatrics**



Sources: COMLEX-USA scores provided by NBOME;  
Match outcomes from NRMP Data Warehouse

**Graph  
PD-2**

**Probability of U.S. Osteopathic Medical Students/Graduates Matching to Preferred Specialty by  
COMLEX-USA Level 1 Score**  
*Pediatrics*



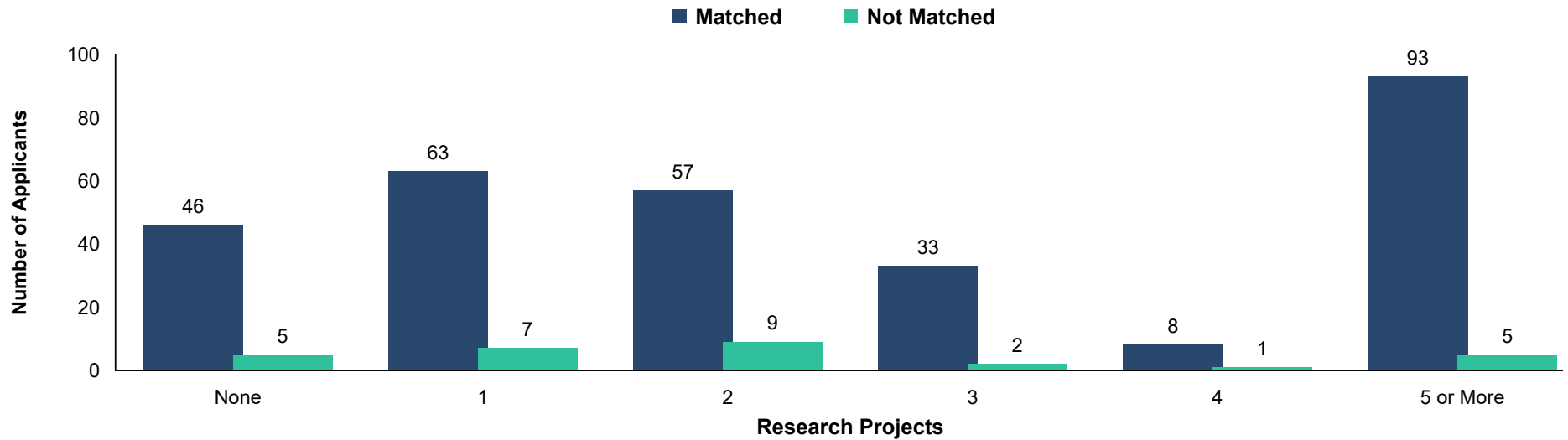
Sources: COMLEX-USA scores provided by NBOME; Match outcomes from NRMP Data Warehouse

Note: Probabilities calculated based on 2016 applicants only.

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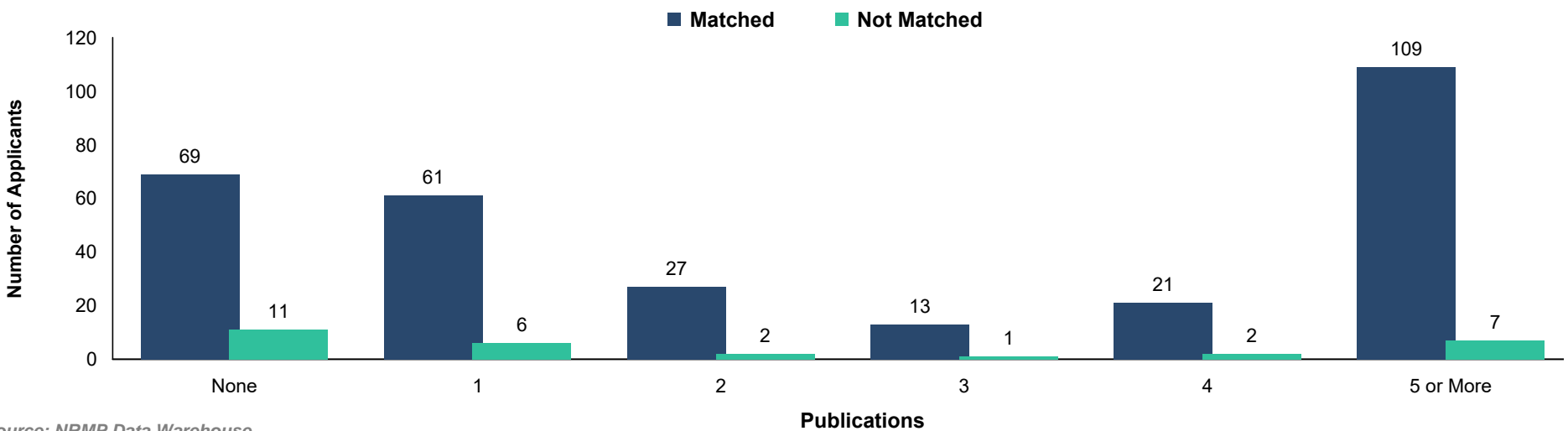
**Chart  
PD-5**

**Number of Research Projects of U.S. Osteopathic Medical Students/Graduates**



**Chart  
PD-6**

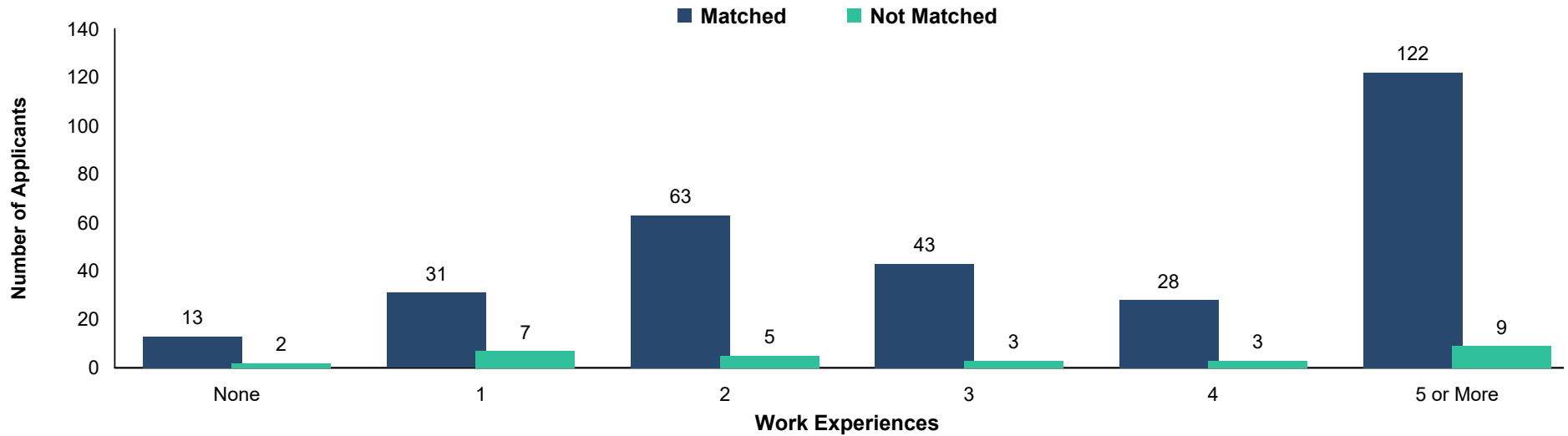
**Number of Abstracts, Presentations, and Publications of U.S. Osteopathic Medical Students and Graduates  
*Pediatrics***



Source: NRMP Data Warehouse

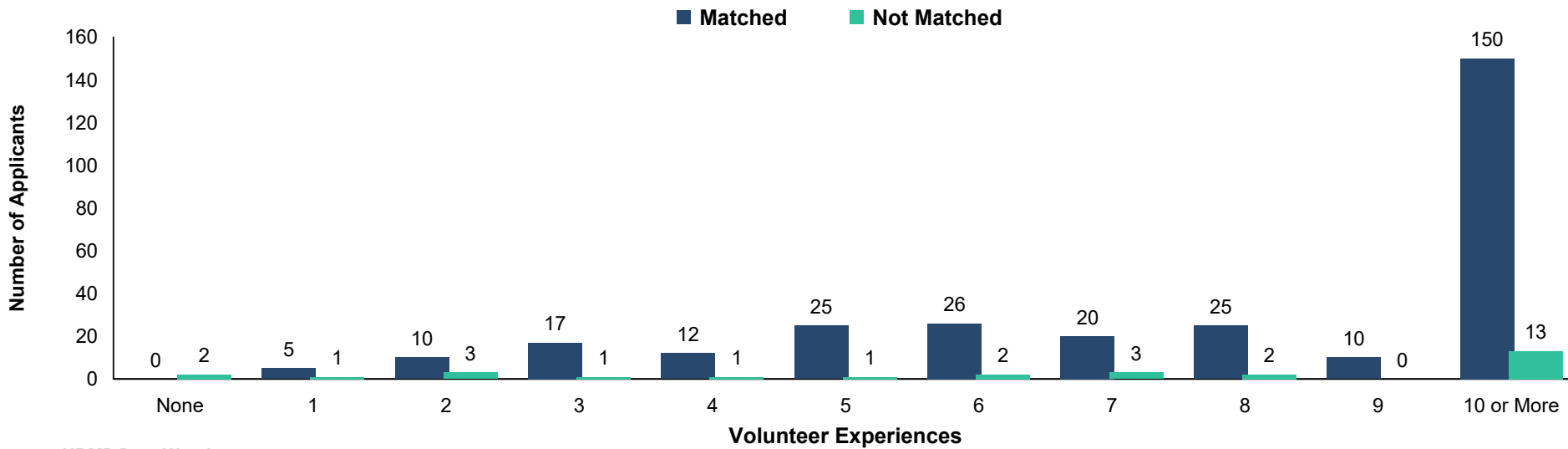
**Chart PD-7**

**Number of Work Experiences of U.S. Osteopathic Medical Students/Graduates**



**Chart PD-8**

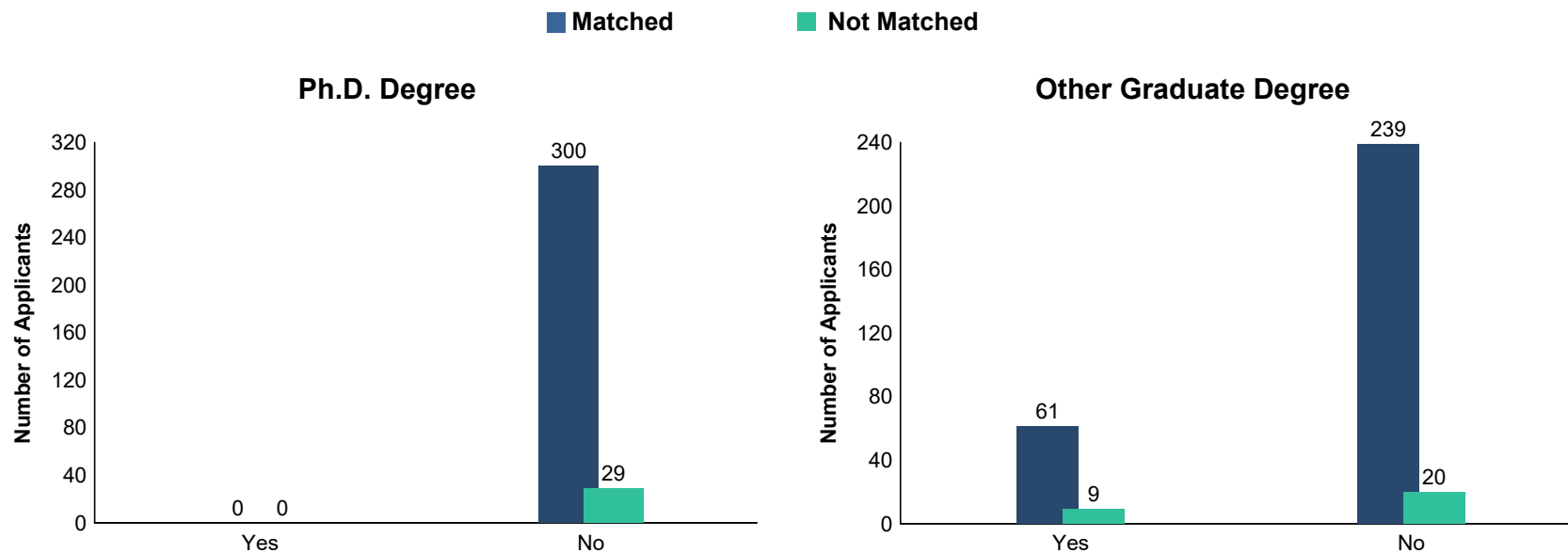
**Number of Volunteer Experiences of U.S. Osteopathic Medical Students and Graduates**



Source: NRMP Data Warehouse

**Chart  
PD-9**

**Other Characteristics of U.S. Osteopathic Medical Students/Graduates  
Pediatrics**



Source: NRMP Data Warehouse.

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**PM** Physical Medicine and Rehabilitation

**Table PM-1** **Summary Statistics on U.S. Osteopathic Medical Students/Graduates**  
*Physical Medicine and Rehabilitation*

Measure	Matched (n=97)	Unmatched (n=25)
1. Mean number of contiguous ranks	11.8	5.0
2. Mean number of distinct specialties ranked	1.3	1.6
3. Mean COMLEX-USA Level 1 score	551	492
4. Mean COMLEX-USA Level 2-CE score	563	491
5. Mean number of research experiences	2.4	2.1
6. Mean number of abstracts, presentations, and publications	3.1	3.0
7. Mean number of work experiences	3.8	3.9
8. Mean number of volunteer experiences	7.0	4.3
9. Percentage who have a Ph.D. degree	1.3	5.6
10. Percentage who have another graduate degree	12.0	33.3

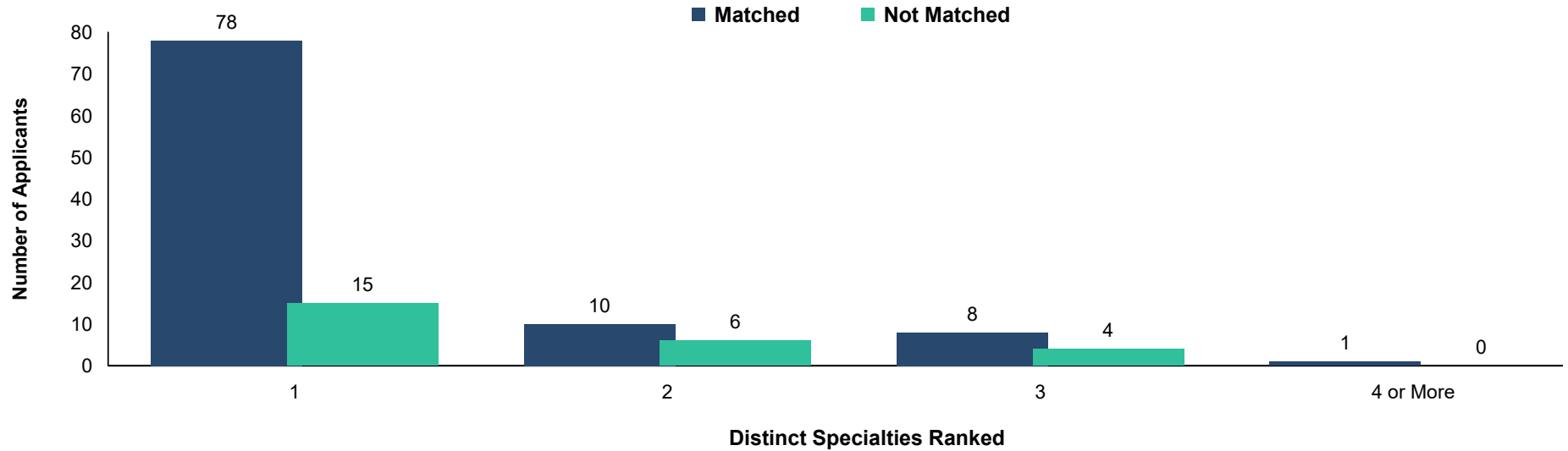
Sources: NRMP Data Warehouse; COMLEX-USA scores provided by NBOME.

Note: Only osteopathic medical students/graduates who gave consent to use their information in research are included.



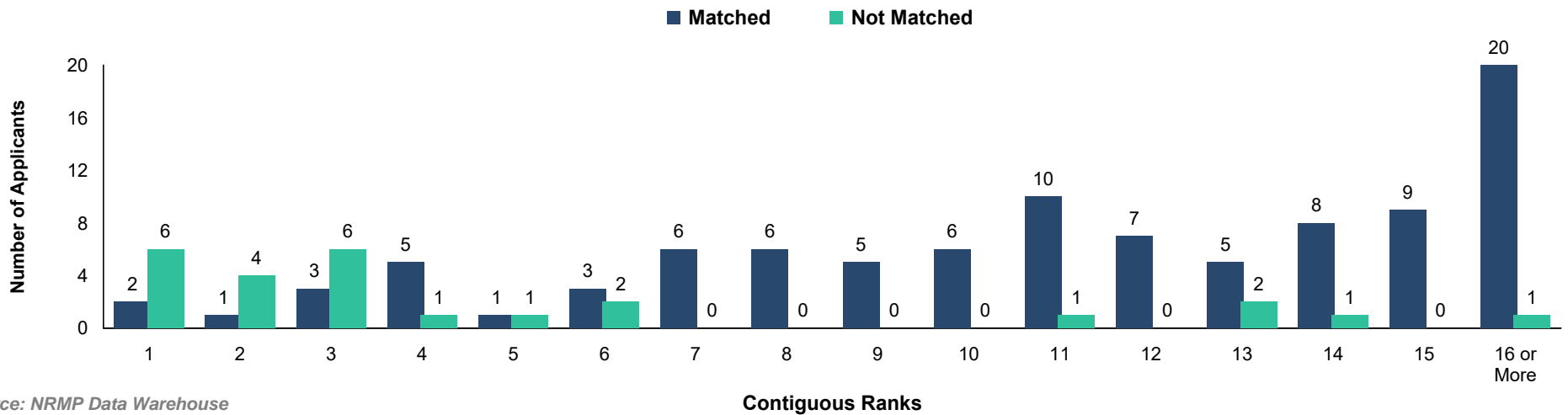
**Chart  
PM-1**

**Number of Distinct Specialties Ranked by U.S. Osteopathic Medical Students/Graduates  
*Physical Medicine and Rehabilitation***



**Chart  
PM-2**

**Number of Contiguous Ranks of U.S. Osteopathic Medical Students and Graduates  
*Physical Medicine and Rehabilitation***

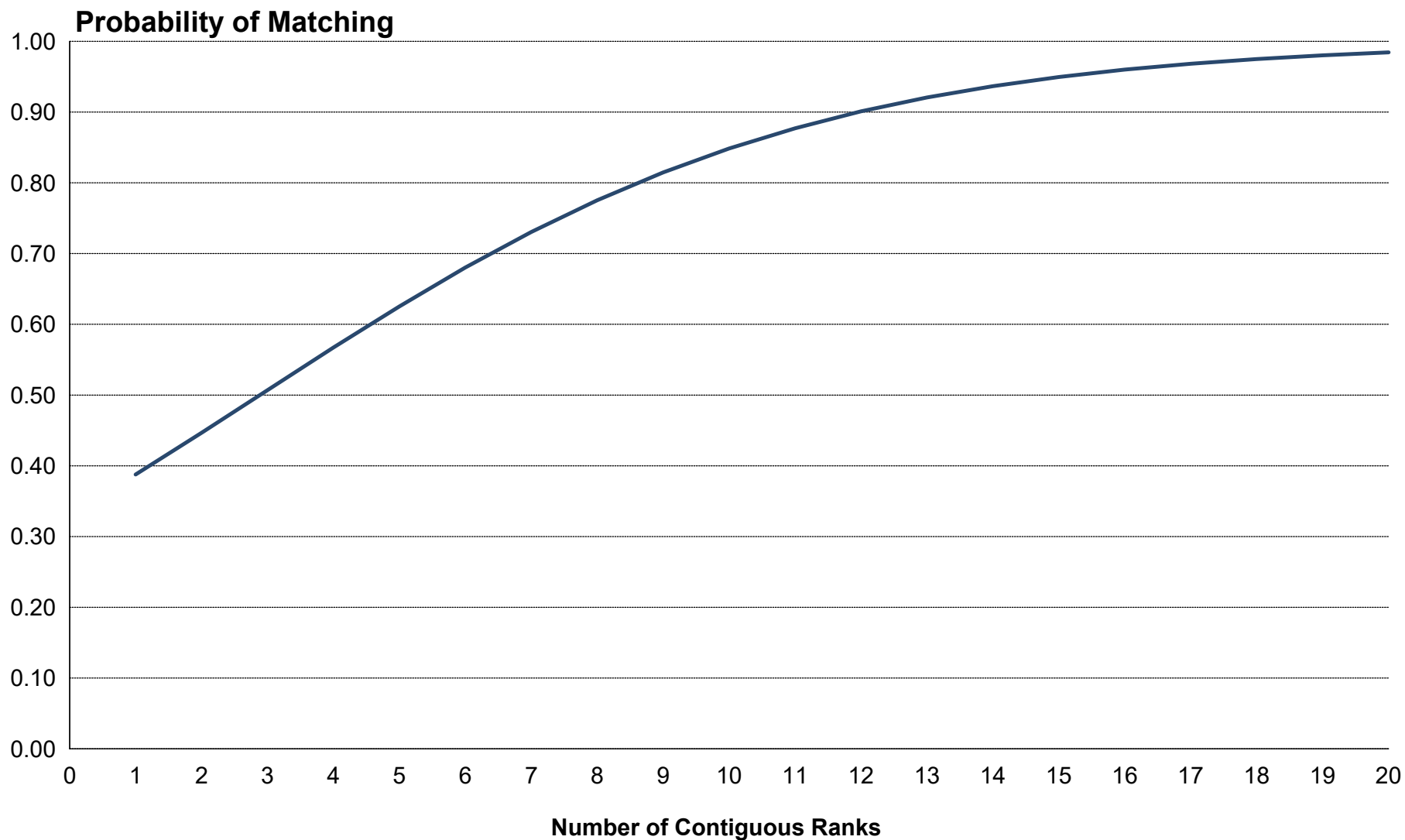


Source: NRMP Data Warehouse

**Graph  
PM-1**

**Probability of U.S. Osteopathic Medical Students/Graduates Matching to Preferred Specialty by  
Number of Contiguous Ranks**

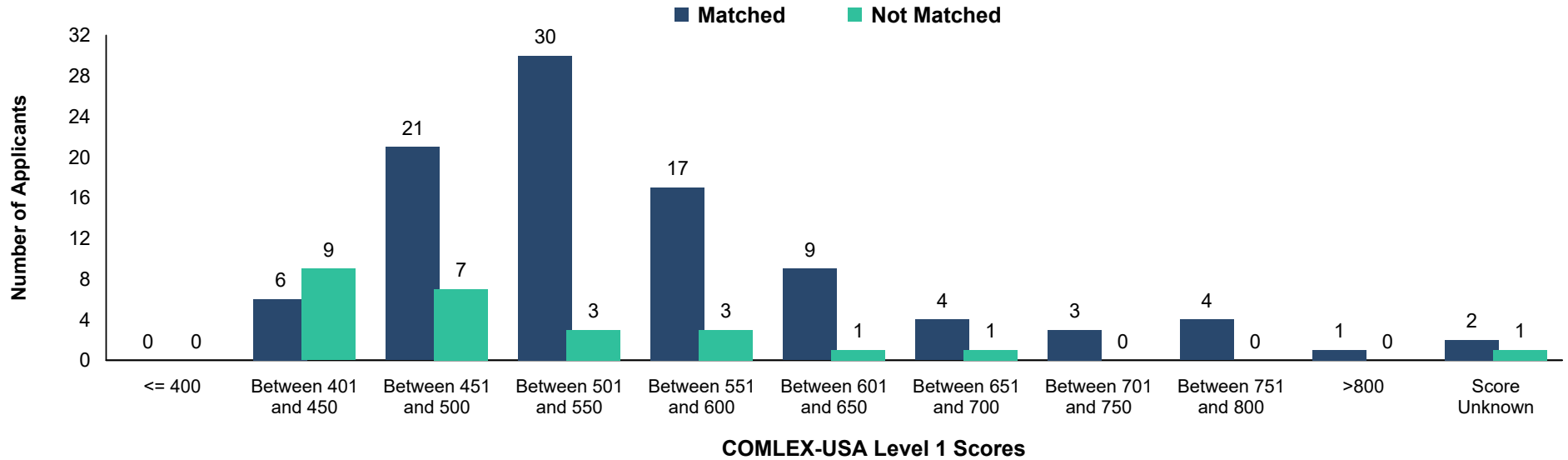
*Physical Medicine and Rehabilitation*



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

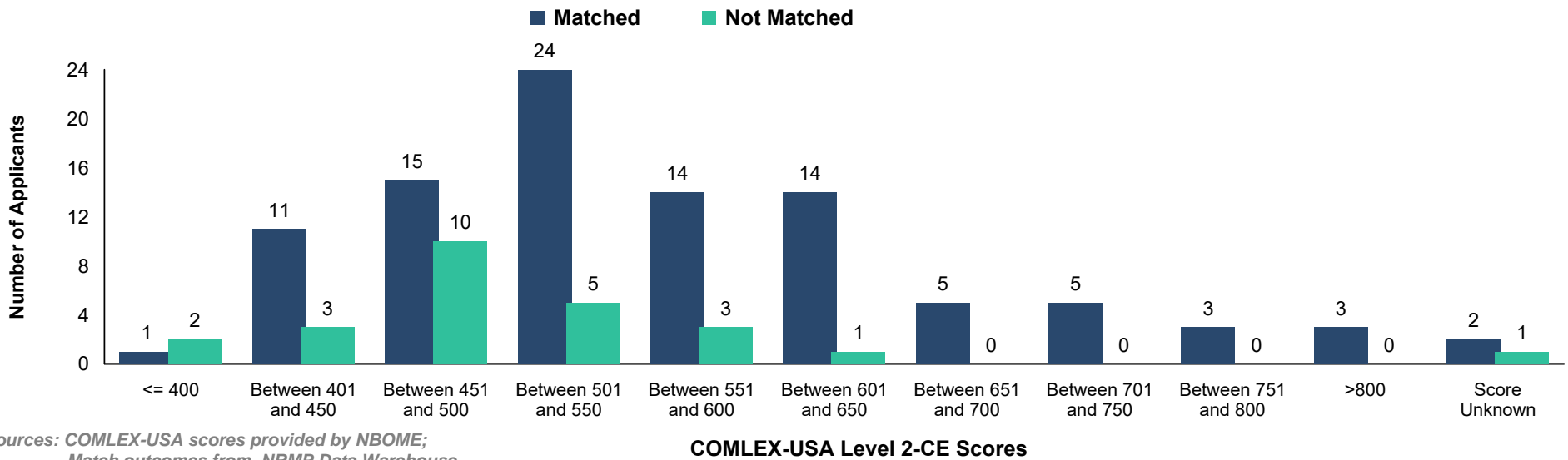
**Chart  
PM-3**

**COMLEX-USA Level 1 Scores of U.S. Osteopathic Medical Students/Graduates  
Physical Medicine and Rehabilitation**



**Chart  
PM-4**

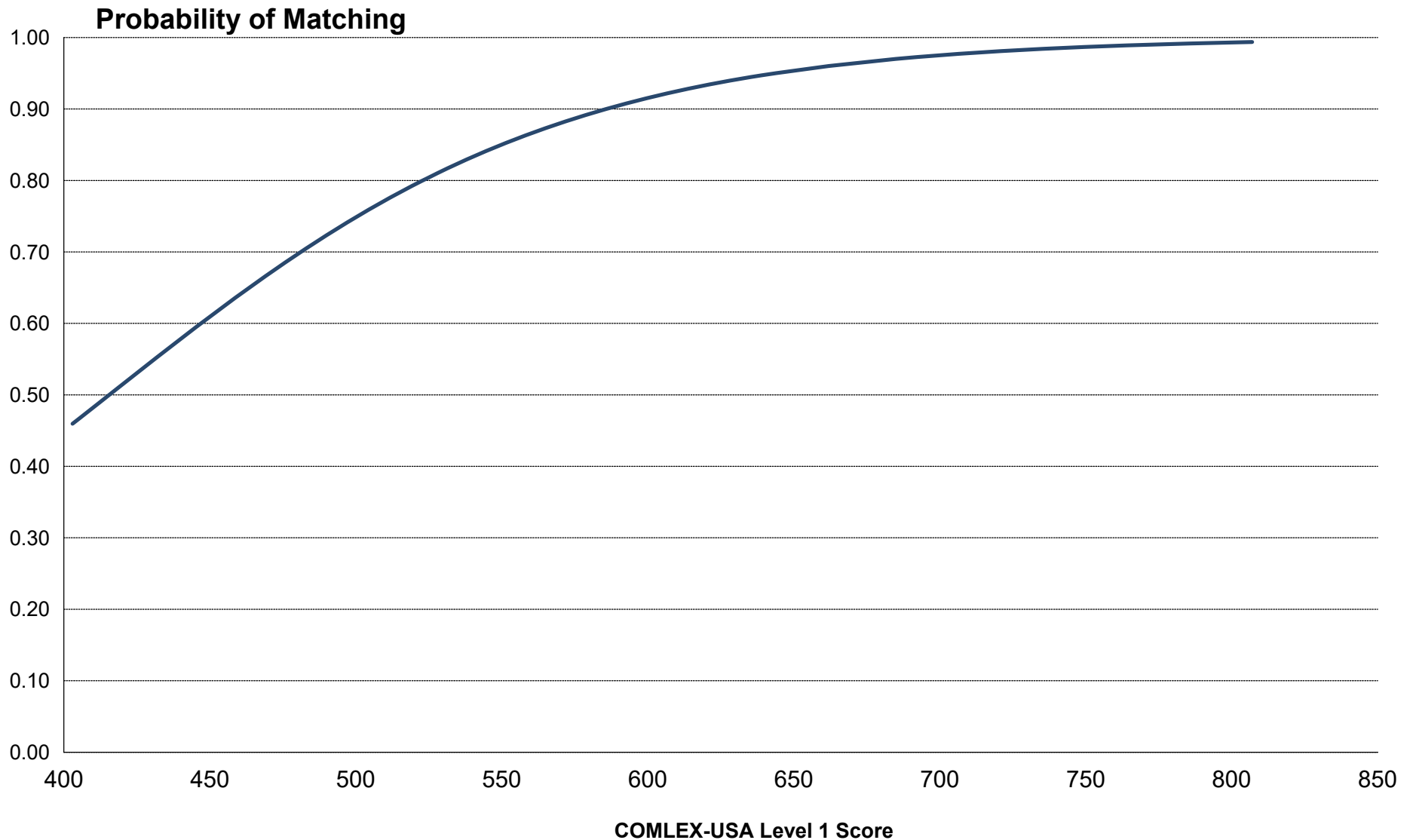
**COMLEX-USA Level 2-CE Scores of U.S. Osteopathic Medical Students and Graduates  
Physical Medicine and Rehabilitation**



Sources: COMLEX-USA scores provided by NBOME;  
Match outcomes from NRMP Data Warehouse

**Graph  
PM-2**

**Probability of U.S. Osteopathic Medical Students/Graduates Matching to Preferred Specialty by  
COMLEX-USA Level 1 Score**  
*Physical Medicine and Rehabilitation*



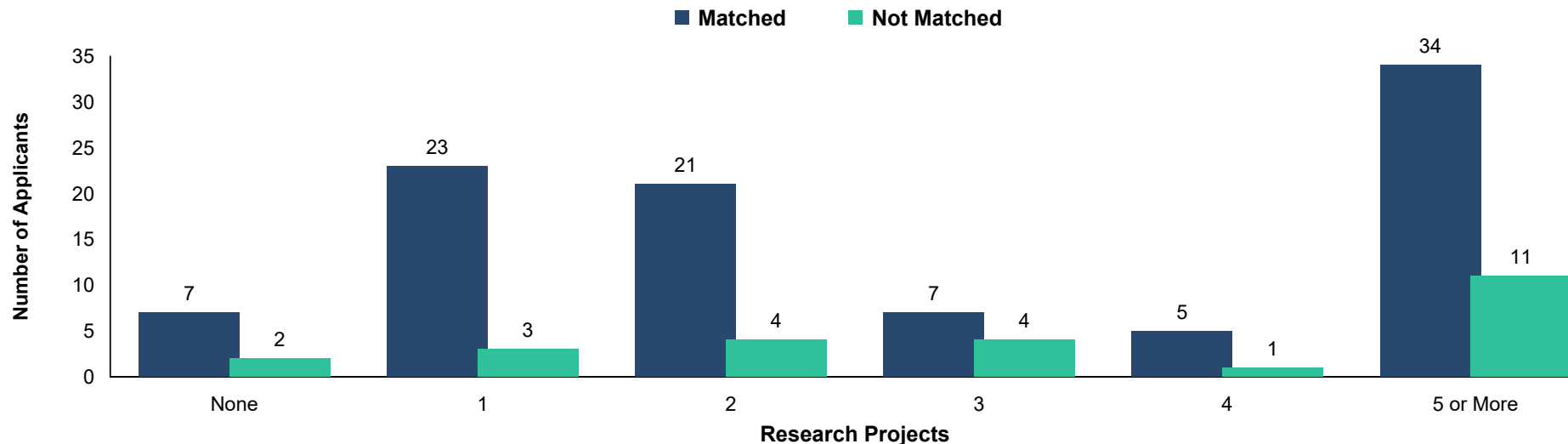
Sources: COMLEX-USA scores provided by NBOME; Match outcomes from NRMP Data Warehouse

Note: Probabilities calculated based on 2016 applicants only.

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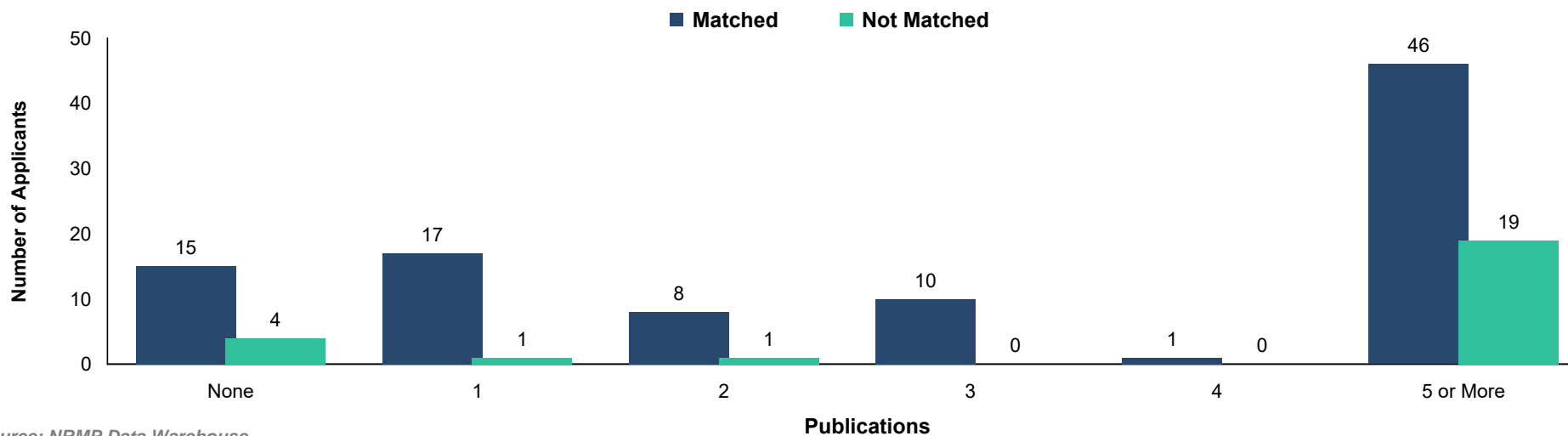
**Chart  
PM-5**

**Number of Research Projects of U.S. Osteopathic Medical Students/Graduates**



**Chart  
PM-6**

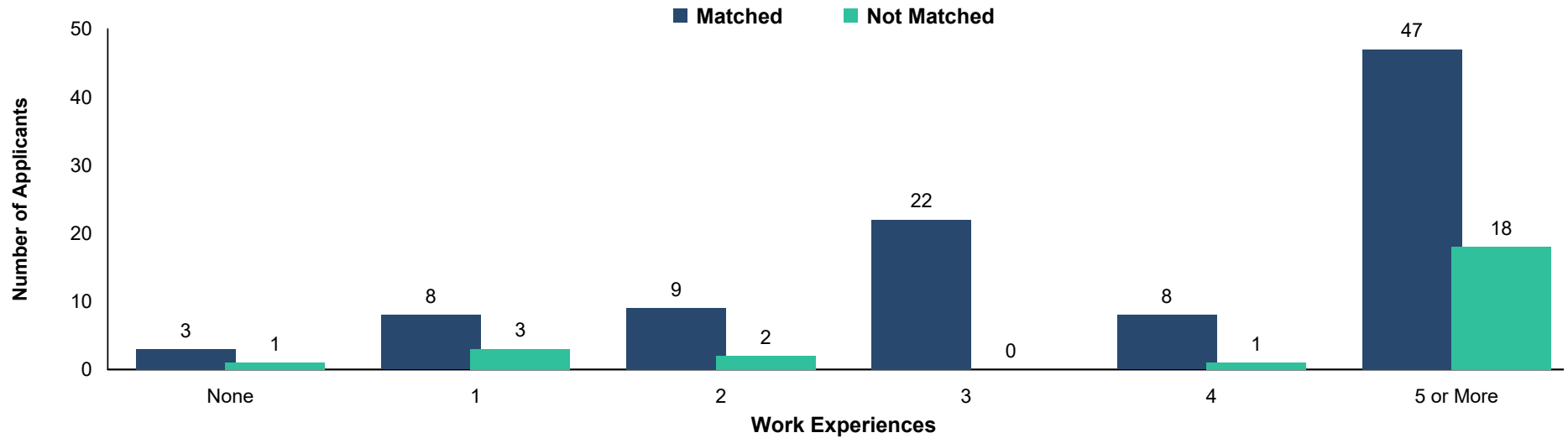
**Number of Abstracts, Presentations, and Publications of U.S. Osteopathic Medical Students and Graduates**  
*Physical Medicine and Rehabilitation*



Source: NRMP Data Warehouse

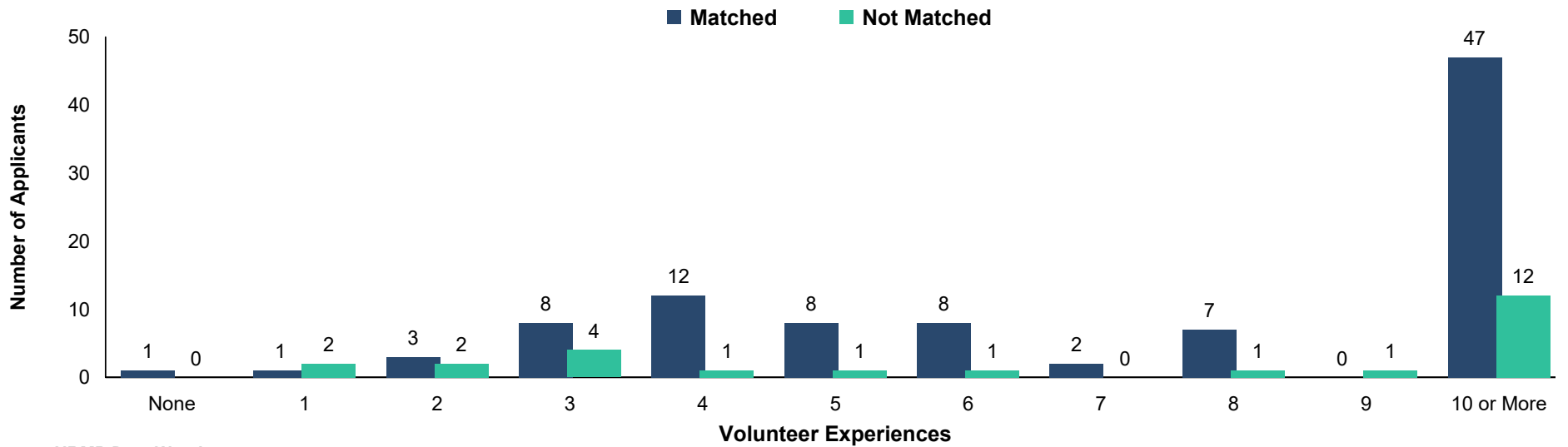
**Chart  
PM-7**

**Number of Work Experiences of U.S. Osteopathic Medical Students/Graduates**



**Chart  
PM-8**

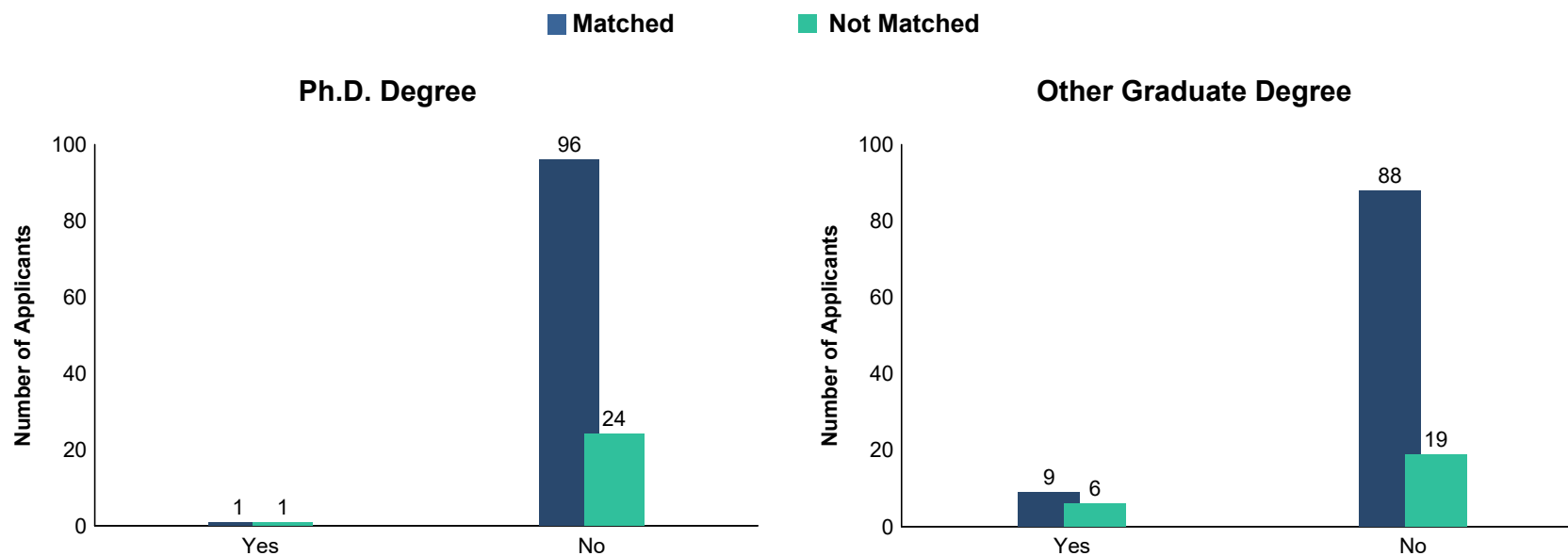
**Number of Volunteer Experiences of U.S. Osteopathic Medical Students and Graduates**



Source: NRMP Data Warehouse

**Chart  
PM-9**

**Other Characteristics of U.S. Osteopathic Medical Students/Graduates  
*Physical Medicine and Rehabilitation***



Source: NRMP Data Warehouse.

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**P** **Psychiatry**



**Table P-1 Summary Statistics on U.S. Osteopathic Medical Students/Graduates  
Psychiatry**

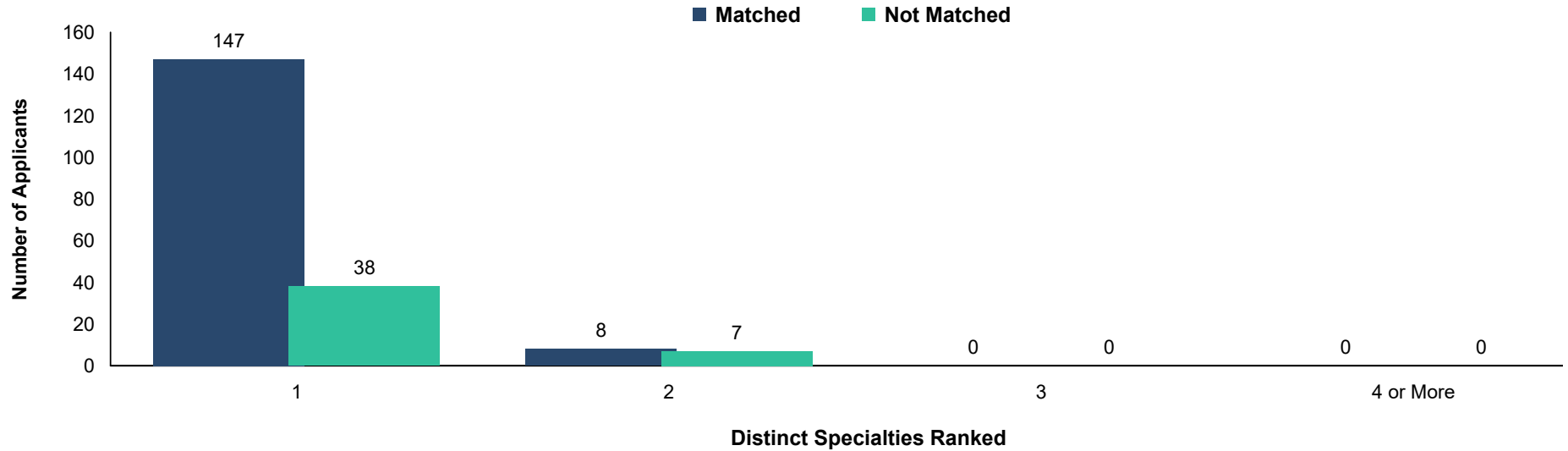
Measure	Matched (n=155)	Unmatched (n=45)
1. Mean number of contiguous ranks	8.5	5.7
2. Mean number of distinct specialties ranked	1.1	1.2
3. Mean COMLEX-USA Level 1 score	526	497
4. Mean COMLEX-USA Level 2-CE score	533	470
5. Mean number of research experiences	1.4	1.6
6. Mean number of abstracts, presentations, and publications	2.4	1.9
7. Mean number of work experiences	3.5	3.3
8. Mean number of volunteer experiences	5.5	4.3
9. Percentage who have a Ph.D. degree	1.6	0.0
10. Percentage who have another graduate degree	20.0	31.4

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

Note: Only osteopathic medical students/graduates who gave consent to use their information in research are included.

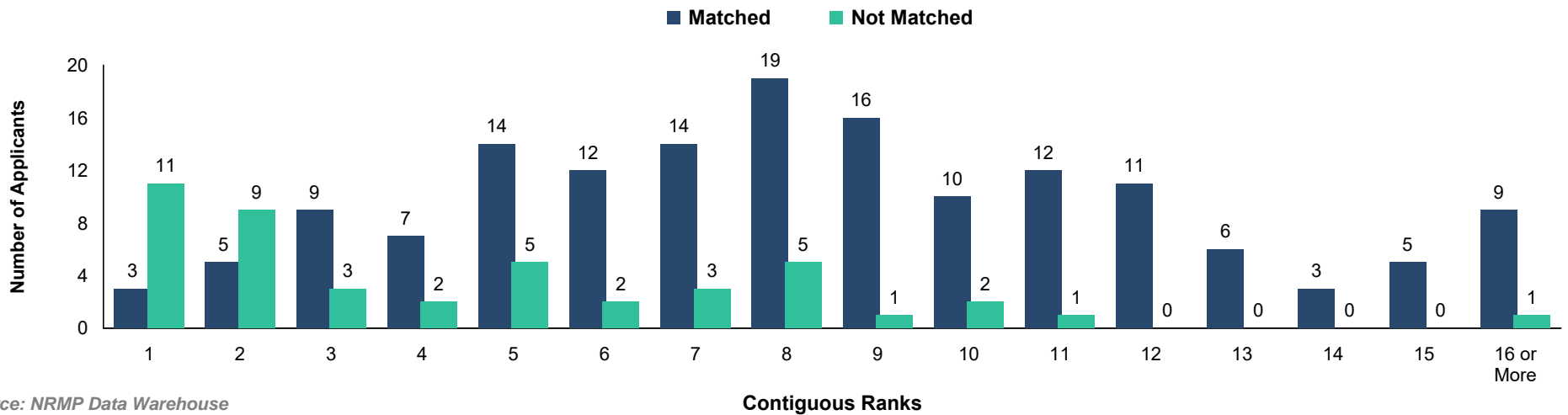
**Chart  
P-1**

**Number of Distinct Specialties Ranked by U.S. Osteopathic Medical Students/Graduates  
Psychiatry**



**Chart  
P-2**

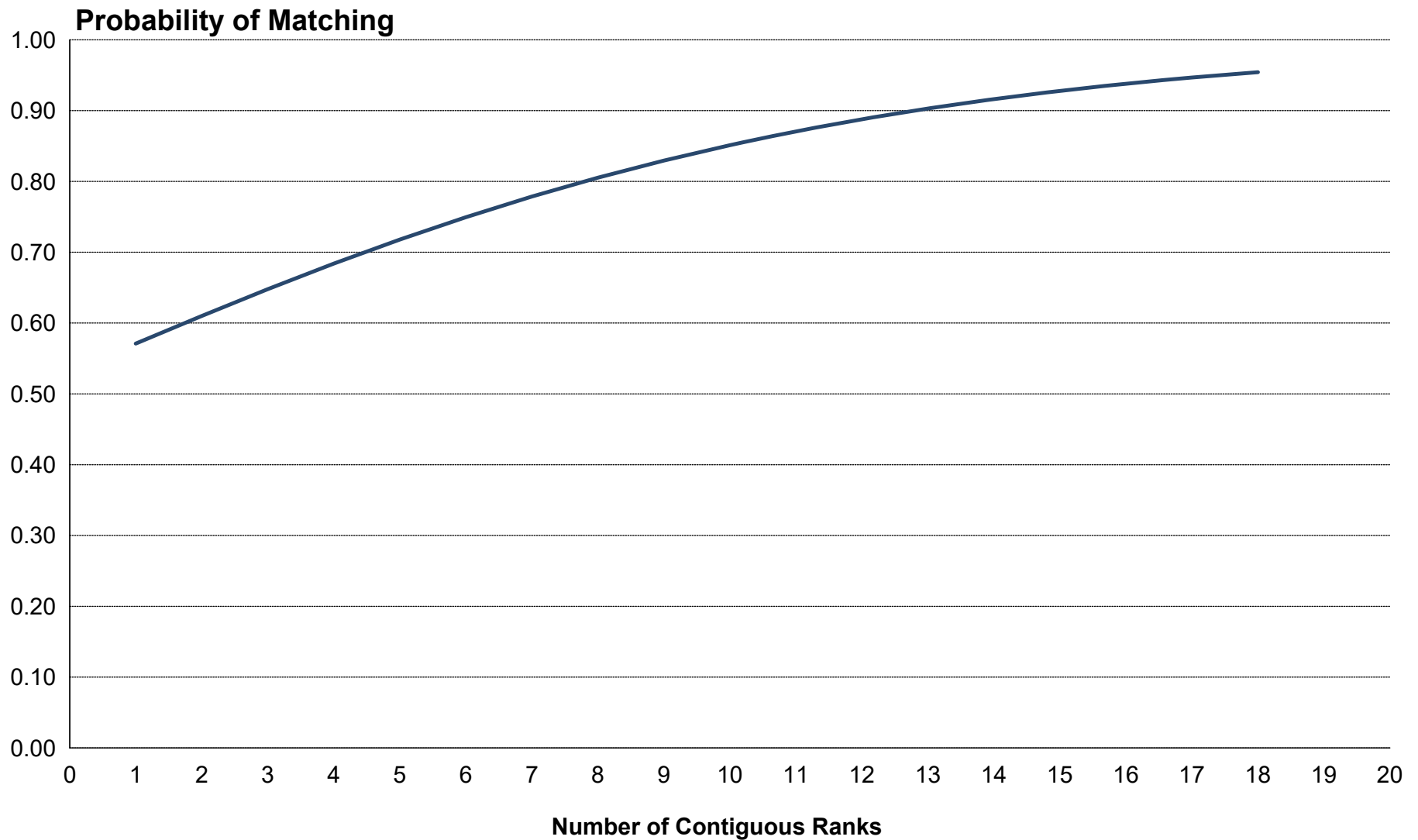
**Number of Contiguous Ranks of U.S. Osteopathic Medical Students and Graduates  
Psychiatry**



Source: NRMP Data Warehouse

**Graph  
P-1**

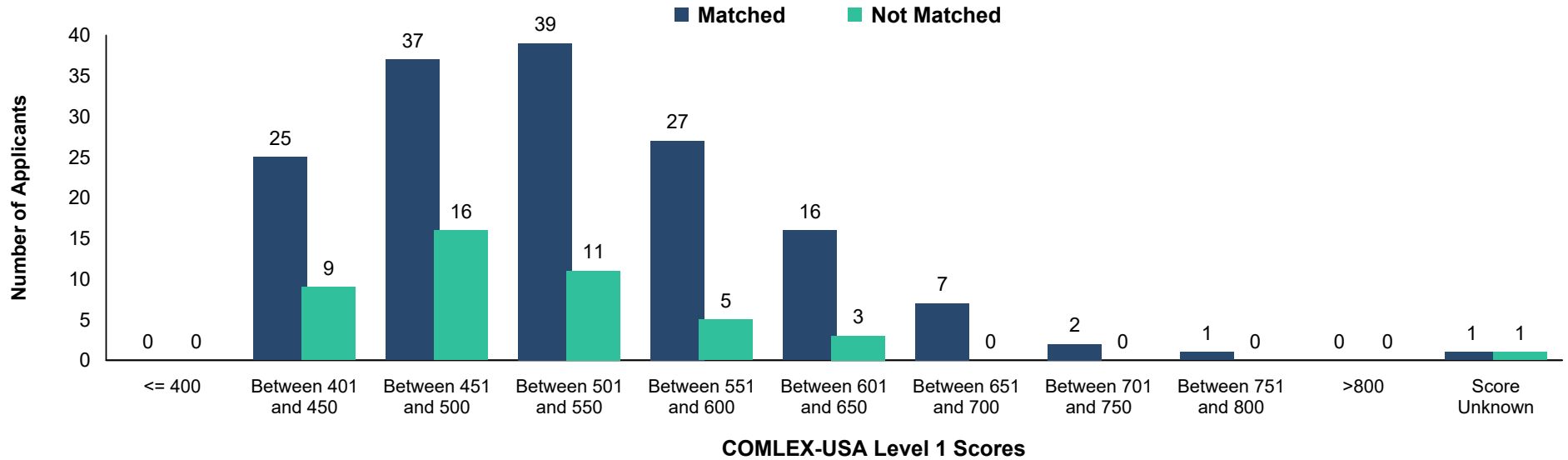
**Probability of U.S. Osteopathic Medical Students/Graduates Matching to Preferred Specialty by  
Number of Contiguous Ranks**  
*Psychiatry*



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

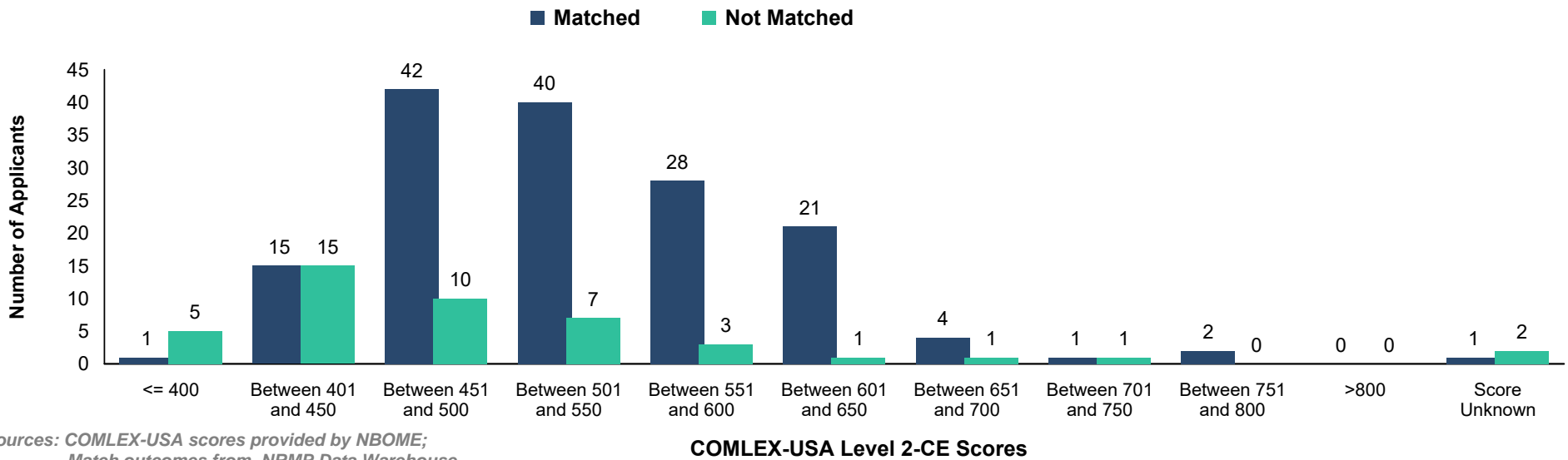
**Chart P-3**

**COMLEX-USA Level 1 Scores of U.S. Osteopathic Medical Students/Graduates  
Psychiatry**



**Chart P-4**

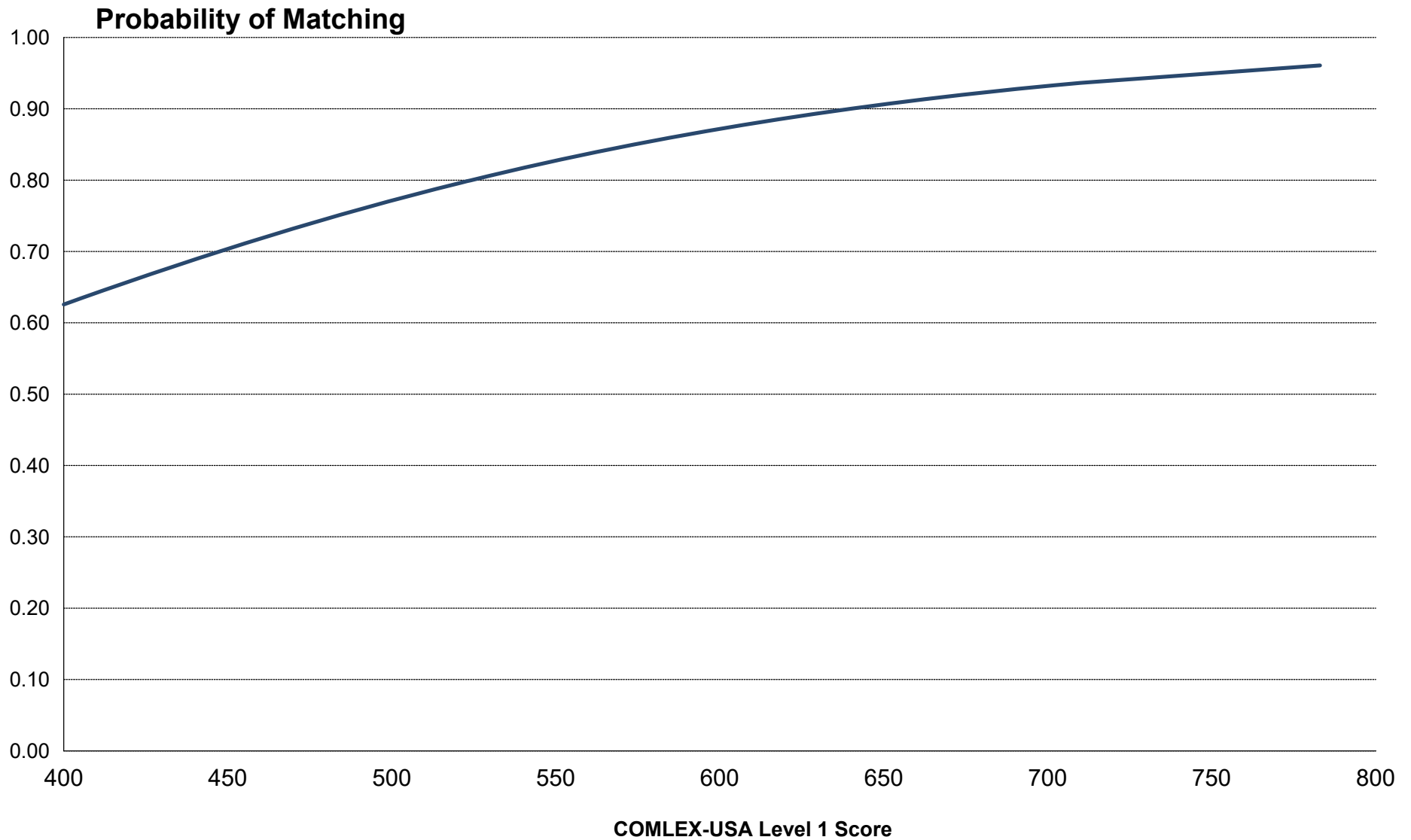
**COMLEX-USA Level 2-CE Scores of U.S. Osteopathic Medical Students and Graduates  
Psychiatry**



Sources: COMLEX-USA scores provided by NBOME;  
Match outcomes from NRMP Data Warehouse

**Graph  
P-2**

**Probability of U.S. Osteopathic Medical Students/Graduates Matching to Preferred Specialty by  
COMLEX-USA Level 1 Score**  
*Psychiatry*



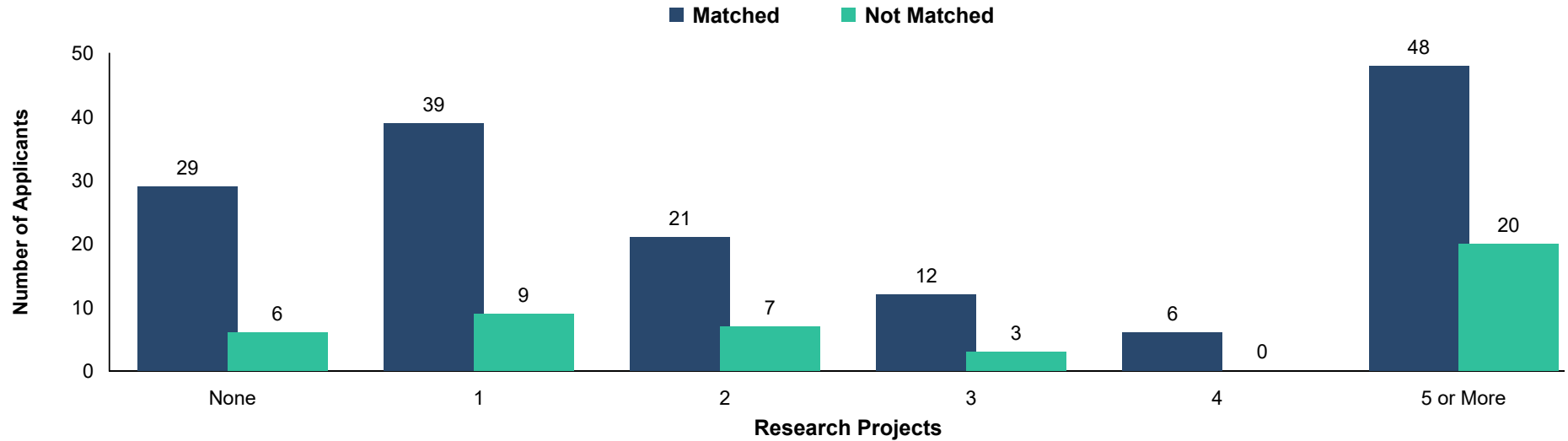
Sources: COMLEX-USA scores provided by NBOME; Match outcomes from NRMP Data Warehouse

Note: Probabilities calculated based on 2016 applicants only.

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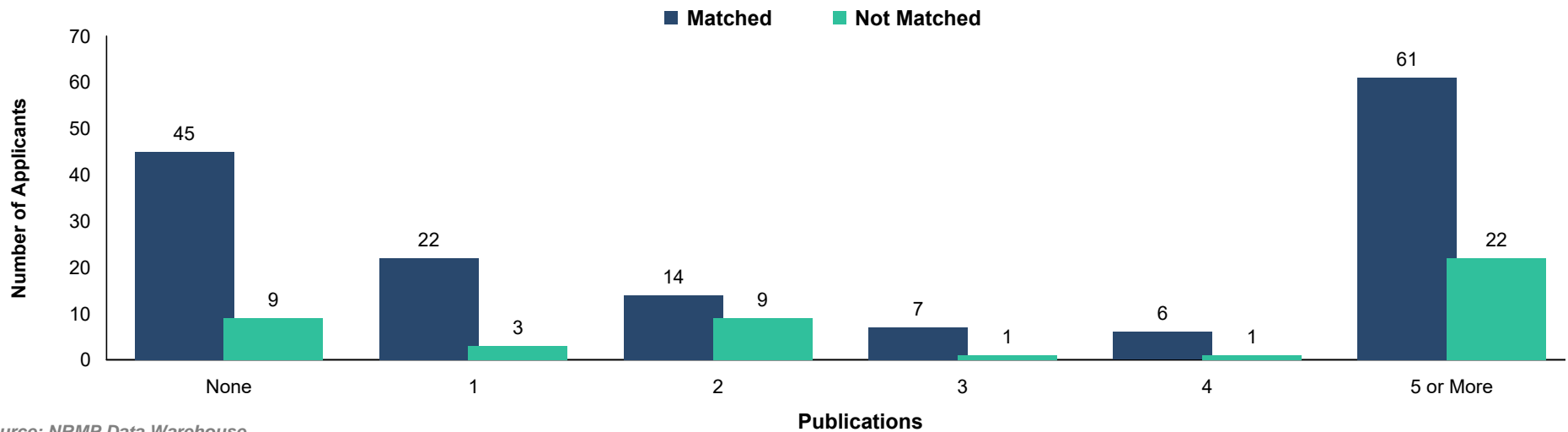
**Chart  
P-5**

**Number of Research Projects of U.S. Osteopathic Medical Students/Graduates**



**Chart  
P-6**

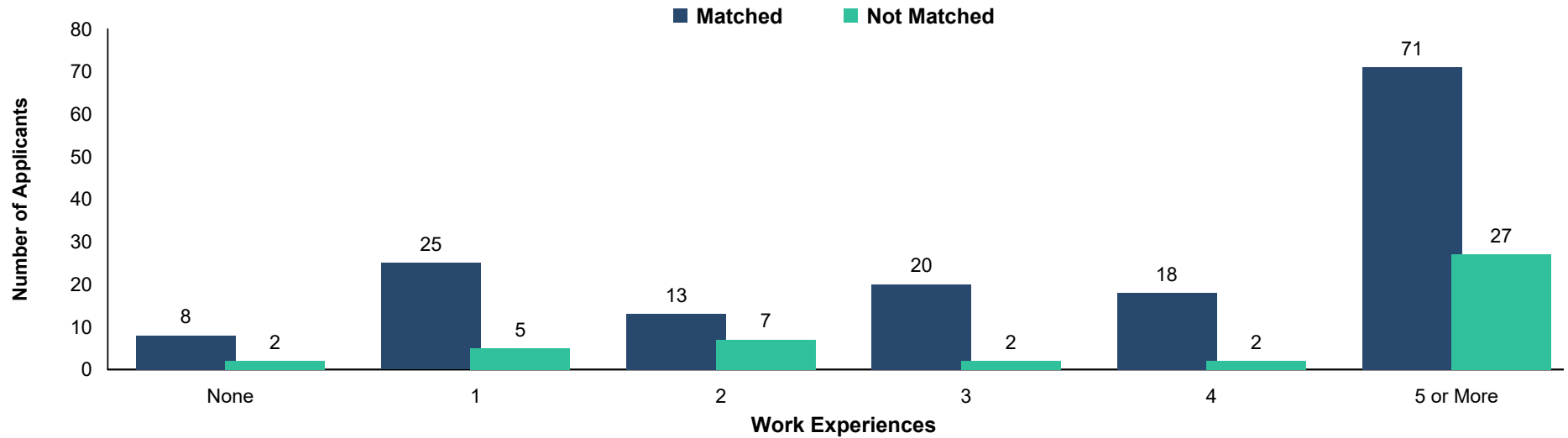
**Number of Abstracts, Presentations, and Publications of U.S. Osteopathic Medical Students and Graduates  
*Psychiatry***



Source: NRMP Data Warehouse

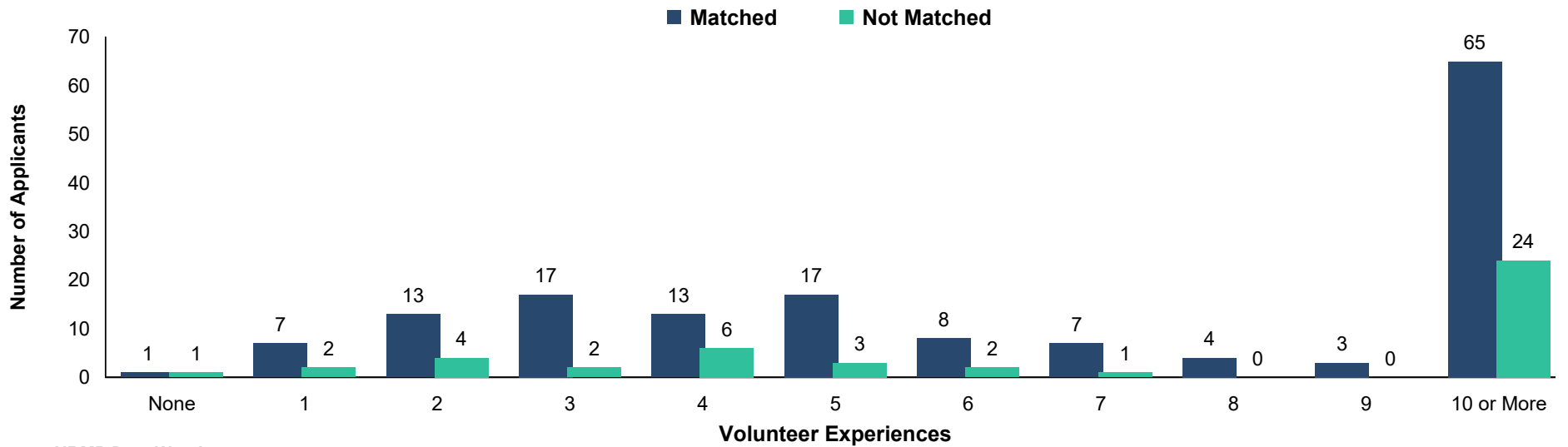
**Chart P-7**

**Number of Work Experiences of U.S. Osteopathic Medical Students/Graduates**



**Chart P-8**

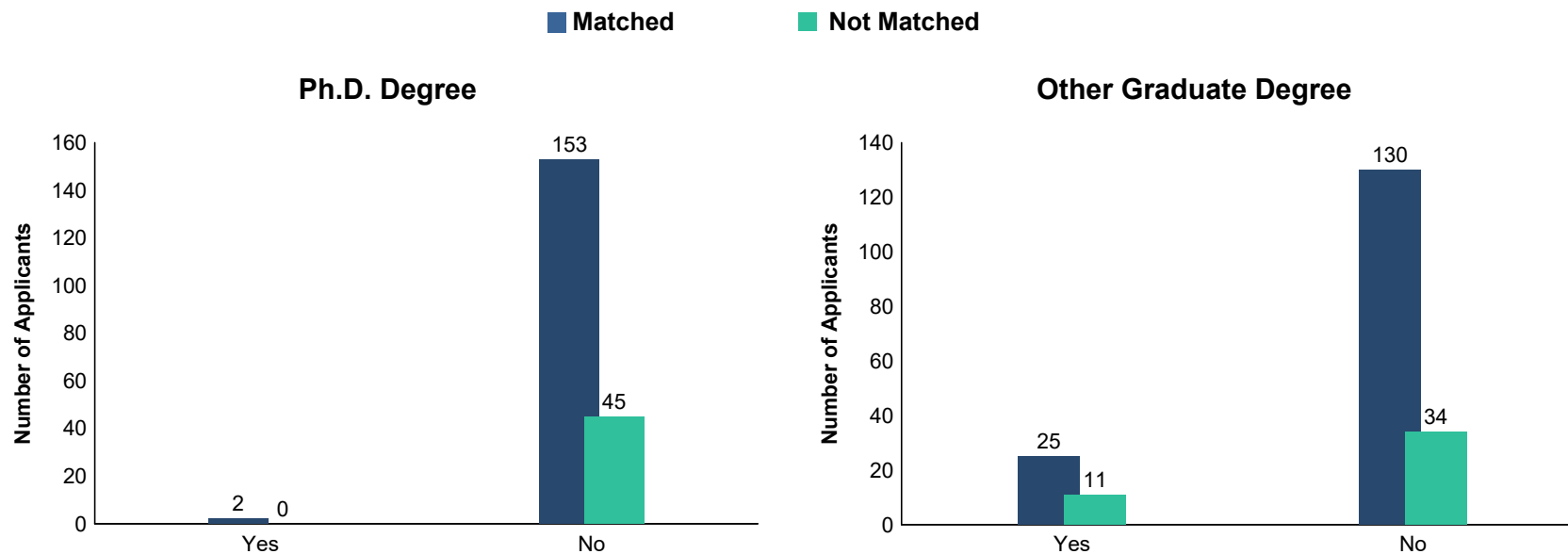
**Number of Volunteer Experiences of U.S. Osteopathic Medical Students and Graduates**



Source: NRMP Data Warehouse

**Chart  
P-9**

**Other Characteristics of U.S. Osteopathic Medical Students/Graduates  
Psychiatry**



Source: NRMP Data Warehouse.