



Charting Outcomes in the Match

Characteristics of Applicants Who Matched to Their Preferred Specialty in the 2014 Main Residency Match

5th Edition

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

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

Questions about the NRMP should be directed to Mona M. Signer, Executive Director, National Resident Matching Program, (202) 400-2233 or support@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.

Prior to 2014, *Charting Outcomes in the Match* was a collaborative publication 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 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 and was able to collect USMLE scores and other applicant characteristics used to produce this report. Thus, this fifth edition of *Charting Outcomes in the Match* is being published independently by the NRMP.

Data

Match success, specialty preference, and ranking information were collected through NRMP Match operations. The 40 U.S. medical schools receiving the highest totals of National Institutes of Health (NIH) grants were obtained from the NIH website. There were no missing data observed for these fields. Other applicant characteristics, including USMLE Step 1 and Step 2 scores, academic degrees, publications, Alpha Omega Alpha Honor Medical Society (AOA) membership, 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 did in their ERAS Common Application Form (CAF).

To ensure that USMLE Step scores were not misreported, the NRMP asked medical schools to verify scores of their U.S. senior students. About 75 percent of the self-reported Step 1 scores and 71 percent of the Step 2 scores provided by U.S. seniors were verified or corrected. Because there were no significant differences between the self-reported scores and school-verified scores ($p=0.967$ for Step 1 scores, $p=0.257$ for Step 2 scores), verified and unverified scores were used to prepare this report.

Data collection for the self-reported Professional Profile section was approved and overseen by the American Institutes for Research (AIR) Institutional Review Board (IRB). Data provided in that section were excluded from this report if the applicant did not give consent to participate in NRMP research (about 5% U.S. seniors and 7% of independent applicants).

Methods

Specialties that offered 50 or more positions in the 2014 Main Residency Match are included in these reports. Over the years, new specialties have been added, including Otolaryngology and Neurology in 2007, Neurological Surgery in 2009, and Child Neurology and Vascular Surgery in 2014. Transitional Year programs were excluded from the 2011 and 2014 reports because they are not viewed as a specialty choice.

Twelve measures are incorporated in this report. Probability analysis using a simple logistic regression model was introduced in 2009 to evaluate the relationship between Match success and contiguous ranks and USMLE Step 1 scores.

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.

Because graduating seniors from U.S. allopathic medical schools match at higher rates than do other applicant groups, and because some of those groups contain small numbers of applicants, this report distinguishes only two types of applicants: U.S. seniors and independent applicants. Independent applicants include all applicant types other than U.S. seniors: U.S. citizen and non-U.S. citizen students/graduates of international medical schools, students/graduates of osteopathic medical schools, previous graduates of U.S. allopathic medical schools, students/graduates of Fifth Pathway programs, and students/graduates of Canadian medical schools. It should be noted that the independent applicant category is a heterogeneous group. Moreover, because independent applicants match to their preferred specialties at much lower rates than do U.S. seniors, the specialty-specific probability graphs for independent applicants are less predictive of success.

Summary

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

- Rank more programs within their preferred specialty
- Be U.S. allopathic medical school seniors
- Have higher USMLE Step 1 and Step 2 scores
- Be members of Alpha Omega Alpha

Although some 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 USMLE Step 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. Even in the most competitive specialties a few individuals with higher scores are not successful. In the less competitive specialties, U.S. seniors with scores slightly above passing usually match to their preferred specialties. 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 be AOA, have the highest USMLE 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.

For questions, comments or more information, please contact:

Mei Liang, Director of Research
National Resident Matching Program
2121 K Street, NW, Suite 1000
Washington, DC 20037
Tel: (202) 400-2233
Email: datarequest@nrmp.org



Tables and Charts for All Specialties

**Chart
1**

**Active Applicants in the 2014 Main Residency Match
by Applicant Type**

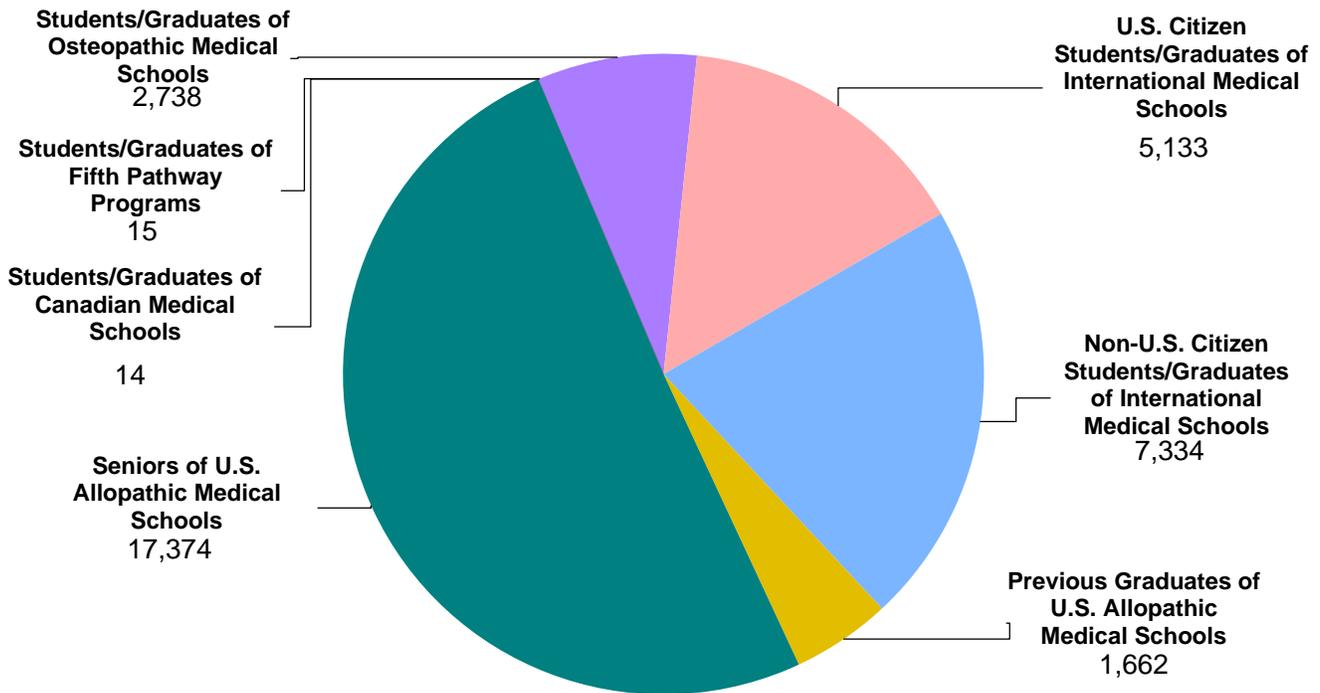


Chart 1 shows the number of active applicants (applicants who submitted rank order lists of programs) by applicant type in the 2014 Main Residency Match. U.S. allopathic medical school seniors constitute 50.7 percent of the applicants in this report. The next largest group is non-U.S. citizen students and graduates of international medical schools (21.4%). The numbers of Fifth Pathway and Canadian graduates are very small and they do not show on the pie chart. For the remainder of this report, all applicants who are not U.S. allopathic seniors will be grouped into the "independent applicants" category.

**Table
1****Number of Applicants and Positions in the 2014 Main Residency Match
by Preferred Specialty***

Preferred Specialty	Total Positions Offered	Total Number of Applicants	Number of Applicants Per Position	U.S. Seniors		Independent Applicants	
				Matched	Not Matched	Matched	Not Matched
Anesthesiology	1,662	1,826	1.1	1,067	49	496	214
Child Neurology	155	151	1.0	76	8	37	30
Dermatology	414	593	1.4	352	111	51	79
Diagnostic Radiology	1,176	1,227	1.0	768	12	311	136
Emergency Medicine	1,786	2,106	1.2	1,371	106	370	259
Family Medicine	3,109	4,049	1.3	1,327	49	1,336	1,337
General Surgery	1,210	1,833	1.5	871	158	255	549
Internal Medicine	6,859	9,314	1.4	3,300	105	3,194	2,715
Internal Medicine/Pediatrics	374	409	1.1	280	11	66	52
Neurological Surgery	206	318	1.5	188	50	17	63
Neurology	723	869	1.2	379	10	286	194
Obstetrics and Gynecology	1,242	1,619	1.3	949	89	278	303
Orthopaedic Surgery	695	994	1.4	648	190	44	112
Otolaryngology	295	425	1.4	277	91	16	41
Pathology	597	718	1.2	256	5	270	187
Pediatrics	2,715	3,248	1.2	1,817	73	794	564
Physical Medicine and Rehabilitation	391	569	1.5	205	26	180	158
Plastic Surgery	136	207	1.5	126	52	10	19
Psychiatry	1,374	1,929	1.4	669	26	604	630
Radiation Oncology	186	215	1.2	168	20	9	18
Vascular Surgery	51	68	1.3	33	4	9	22

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

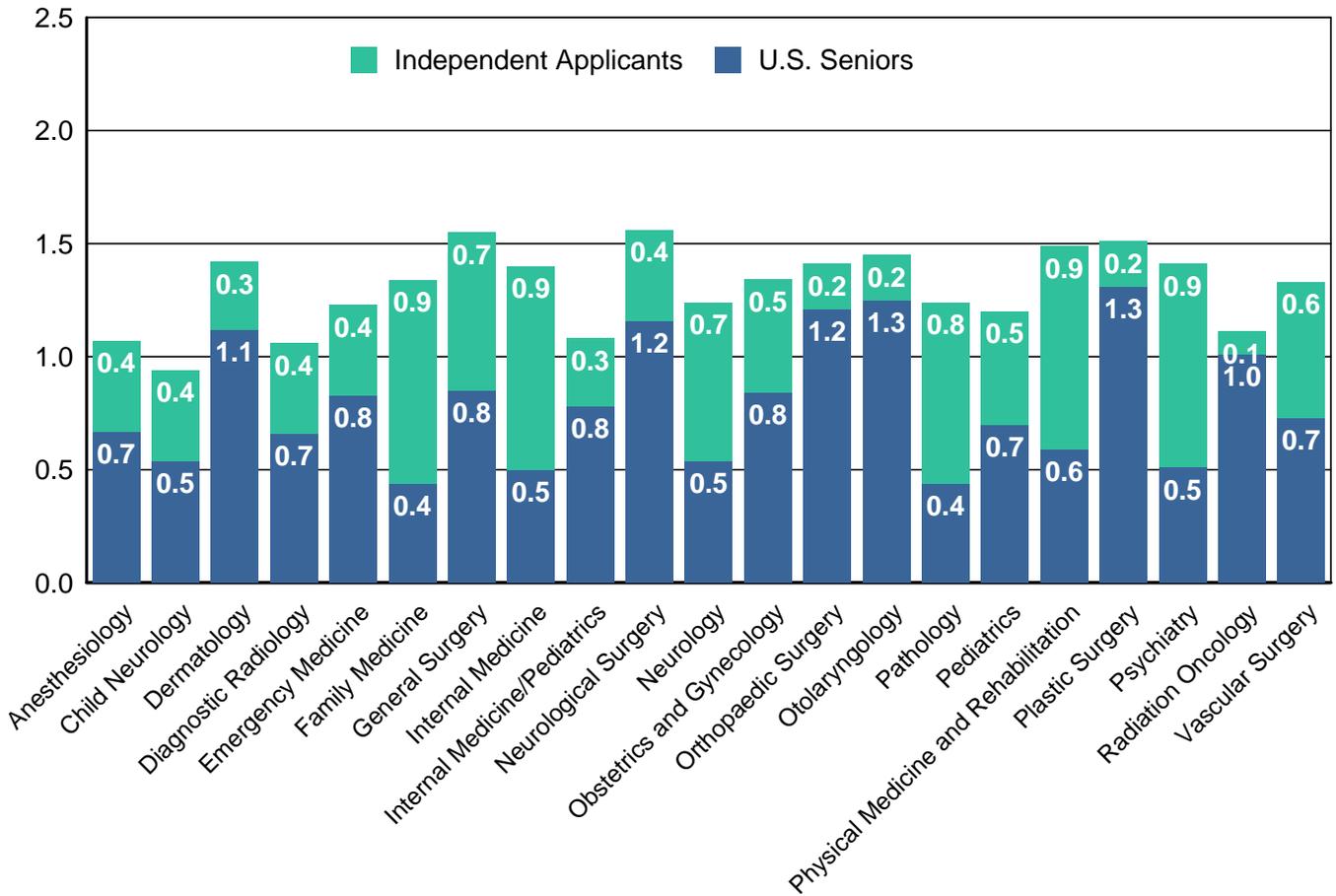
Note: For those specialties offering both PGY-1 and PGY-2 positions (including Physician (R) positions), all position types have been combined.

Source: NRMP Data Warehouse.

Table 1 provides a summary of the numbers of applicants and positions for selected specialties. Only those specialties offering 50 or more positions are included. The numbers of applicants matched by applicant type (U.S. senior and independent applicants) also are provided in this table.

**Chart
2**

**Ratio of Applicants Ranking Specialty First / Available Positions
by Preferred Specialty**

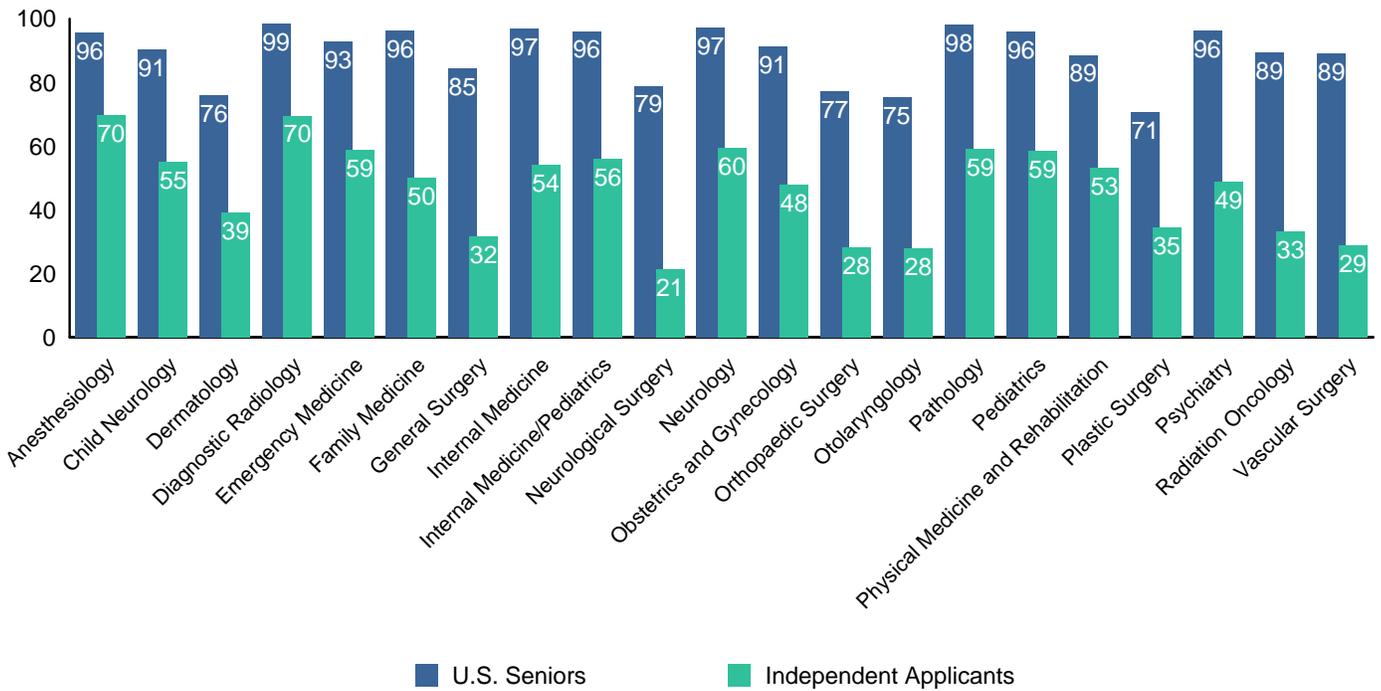


Source: NRMP Data Warehouse

Chart 2 shows the ratios of U.S. seniors and independent applicants to available positions in each specialty. All specialties except Dermatology, Neurological Surgery, Orthopaedic Surgery, Otolaryngology, Plastic Surgery, and Radiation Oncology have enough positions to accommodate all U.S. seniors who prefer that specialty.

**Chart
3**

Match Rates
Percent Matched by Preferred Specialty and Applicant Type



Source: NRMP Data Warehouse

Chart 3 shows the percentages of U.S. seniors and independent applicants who matched to their preferred specialty. Overall, 92.4 percent U.S. seniors matched to their preferred specialty, ranging from a high of 98.5 percent (Diagnostic Radiology) to a low of 70.8 percent (Plastic Surgery). For independent applicants, the overall match rate was 52.9 percent, ranging from a high of 69.9 percent (Anesthesiology) to a low of 21.3 percent (Neurological Surgery). In general, independent applicants are less successful than U.S. seniors in matching to their preferred specialty.

**Table
2****Summary Statistics
All Specialties Combined**

Measure	U.S. Seniors		Independent Applicants	
	Matched (n=15,127)	Unmatched (n=1,245)	Matched (n=8,633)	Unmatched (n=7,682)
1. Mean number of contiguous ranks	11.5	5.3	6.9	2.8
2. Mean number of distinct specialties ranked	1.2	1.6	1.3	1.5
3. Mean USMLE Step 1 score	230	221	225	213
4. Mean USMLE Step 2 score	243	231	234	220
5. Mean number of research experiences	2.7	2.9	1.8	1.9
6. Mean number of abstracts, presentations, and publications	4.2	3.8	3.6	3.9
7. Mean number of work experiences	3.0	3.0	4.0	4.8
8. Mean number of volunteer experiences	7.1	7.2	4.7	3.7
9. Percentage who are AOA members	16.0	5.8	n/a	n/a
10. Percentage who graduated from one of the 40 U.S. medical schools with the highest NIH funding	32.7	21.5	n/a	n/a
11. Percentage who have Ph.D. degree	3.9	2.6	n/a	n/a
12. Percentage who have another graduate degree	15.2	17.8	n/a	n/a

n/a: The measure either does not apply to, applies to only a small percentage of, or no reliable data were available for independent applicants.

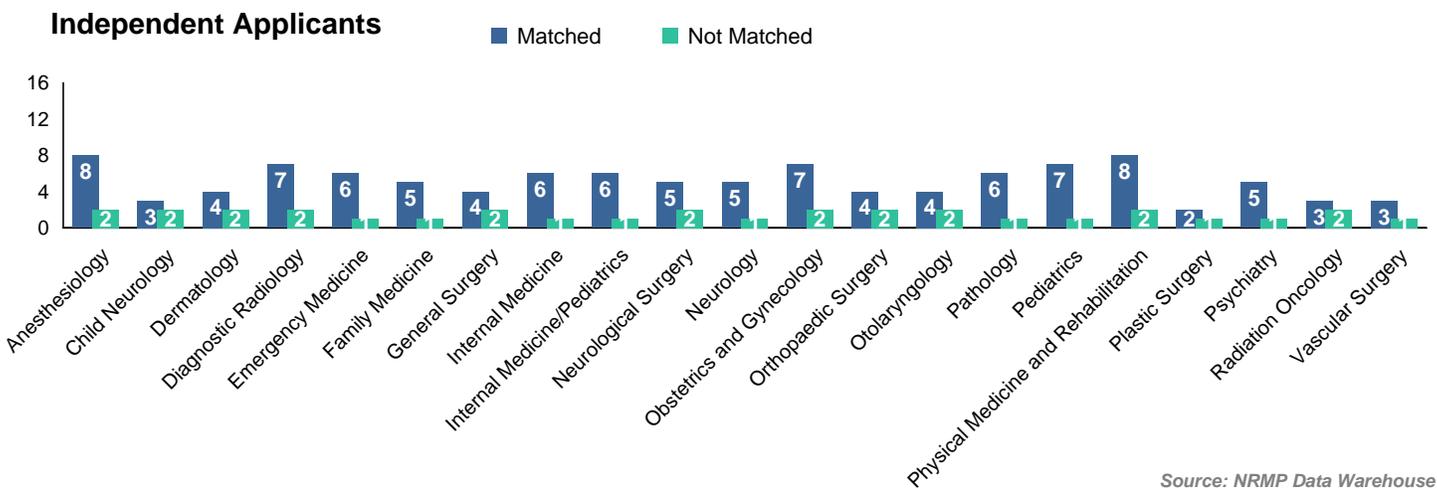
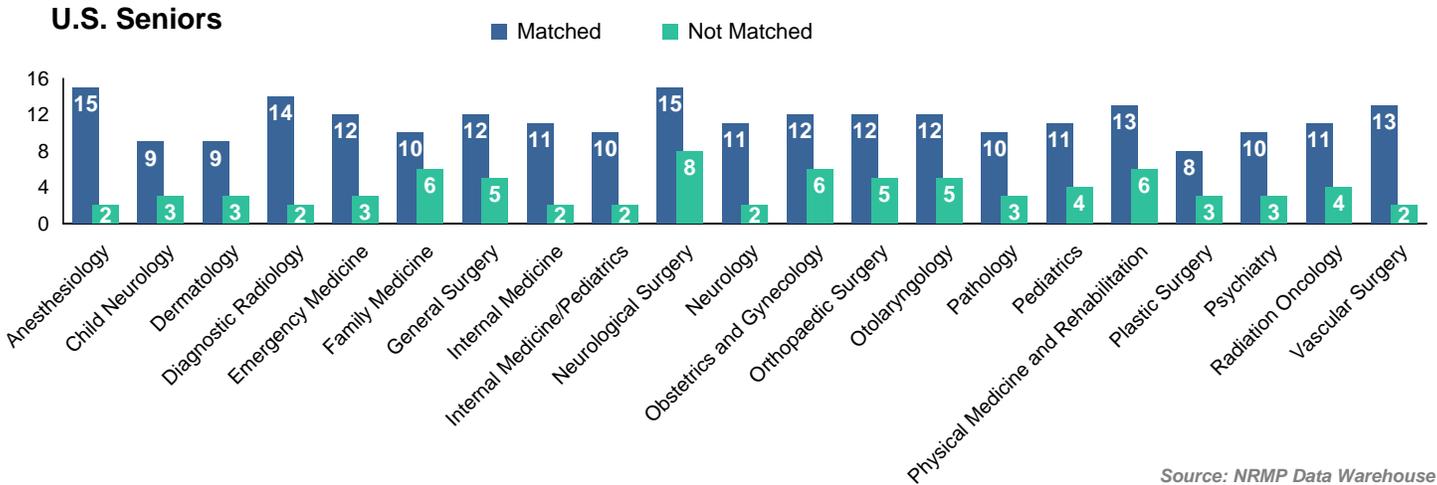
Sources. NRMP Data Warehouse; Top 40 U.S. medical schools with the highest NIH funding in measure 10 is from the NIH website (<http://report.nih.gov/award/index.cfm>).

Note: Measures 3-9 and 11-12 included only applicants who gave consent to use their information in research. USMLE Step scores are not available for most osteopathic medical school students and graduates included in the independent applicant group.

Table 2 provides summary statistics by applicant type and Match outcome on the 12 measures presented in this report. Data on each of these measures are displayed graphically by preferred specialty on the following pages. During data collection, 6.1 percent of the applicants declined to take part in NRMP research. Of the 12 measures, the United States Medical Licensing Examination (USMLE) Step 1 and Step 2 scores had more missing data than other measures. Overall, there were Step 1 scores for 88.1 percent of applicants. All of the applicants who did not have Step 1 scores were those who took the USMLE exams but whose data were not shared with the NRMP, or osteopathic medical school seniors and graduates who either take an alternative examination (the Comprehensive Osteopathic Medical Licensing Examination, or COMLEX-USA). Step 2 scores were available for 75.8 percent of the applicants. In addition to missing Step 2 scores for the osteopathic applicants, there were considerable missing Step 2 scores in every major applicant type. The missing data for U.S. seniors can be attributed partly to the fact that few medical schools require students to take and/or pass the Step 2 examination prior to the NRMP's Rank Order List Deadline.

**Chart
4**

**Median Number of Contiguous Ranks
by Preferred Specialty, Applicant Type, and Match Status**



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.

Chart 4 displays the median number of contiguous ranks by preferred specialty for U.S. seniors and independent applicants who matched and did not match to their preferred specialty. The top panel shows considerable variation across the specialties for U.S. seniors. Neurological Surgery and Anesthesiology had the longest average contiguous rank list (15) for matched U.S. seniors and Plastic Surgery had the shortest (8). In general, U.S. senior applicants who preferred the more competitive specialties submitted longer contiguous lists. For all specialties, U.S. seniors who matched to their preferred specialty had median contiguous rank lists that were longer than U.S. seniors who did not match.

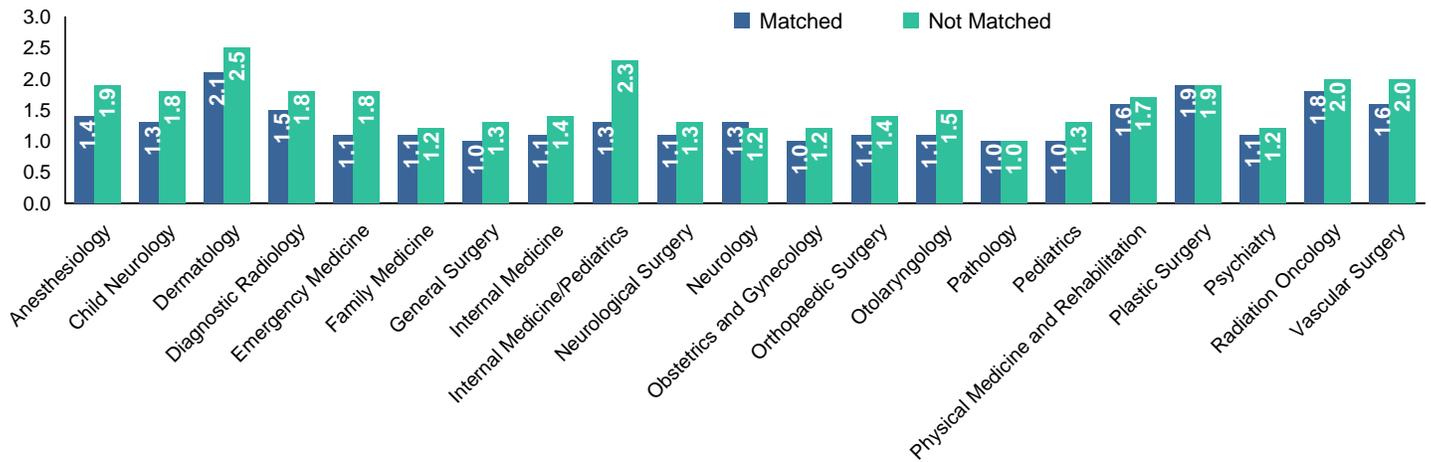
A similar pattern can be seen for independent applicants, although their lists are shorter than the lists submitted by U.S. seniors. Independent applicants who matched had longer contiguous lists compared with independent applicants who did not match to their preferred specialty.

The principal message of these graphs is that applicants with longer rank order lists are more successful than those with shorter ones. The NRMP has been recommending longer lists for many years, but some applicants apparently do not heed the advice. Others may have shorter lists because they found only a few programs willing to entertain their applications or because they could not afford a large number of interview trips.

Chart 5

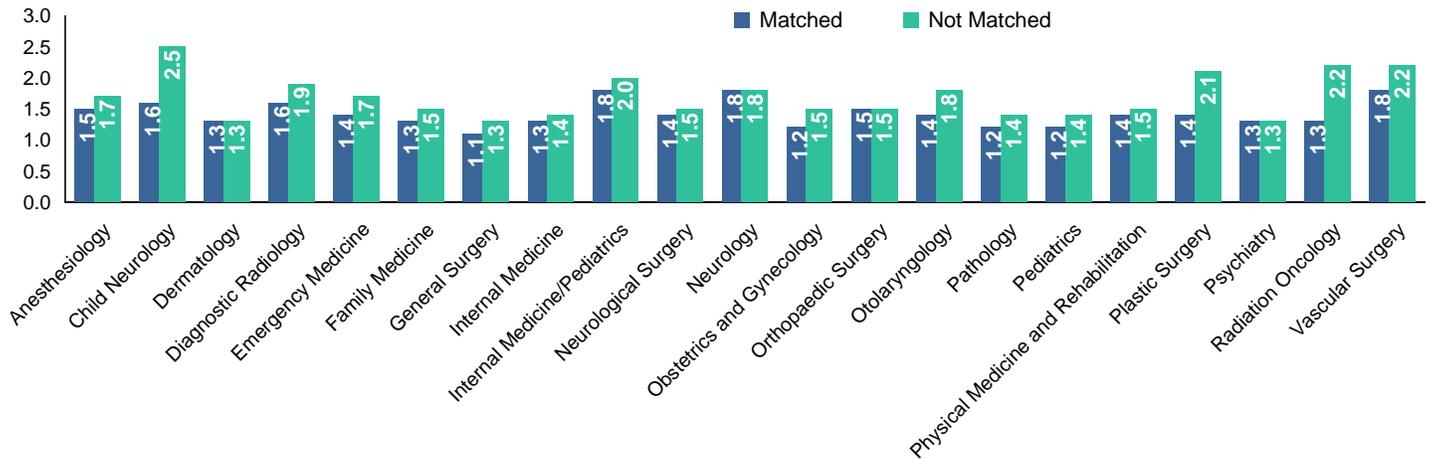
Mean Number of Different Specialties Ranked by Preferred Specialty, Applicant Type, and Match Status

U.S. Seniors



Source: NRMP Data Warehouse

Independent Applicants



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 applicant type, preferred specialty, and Match outcome.

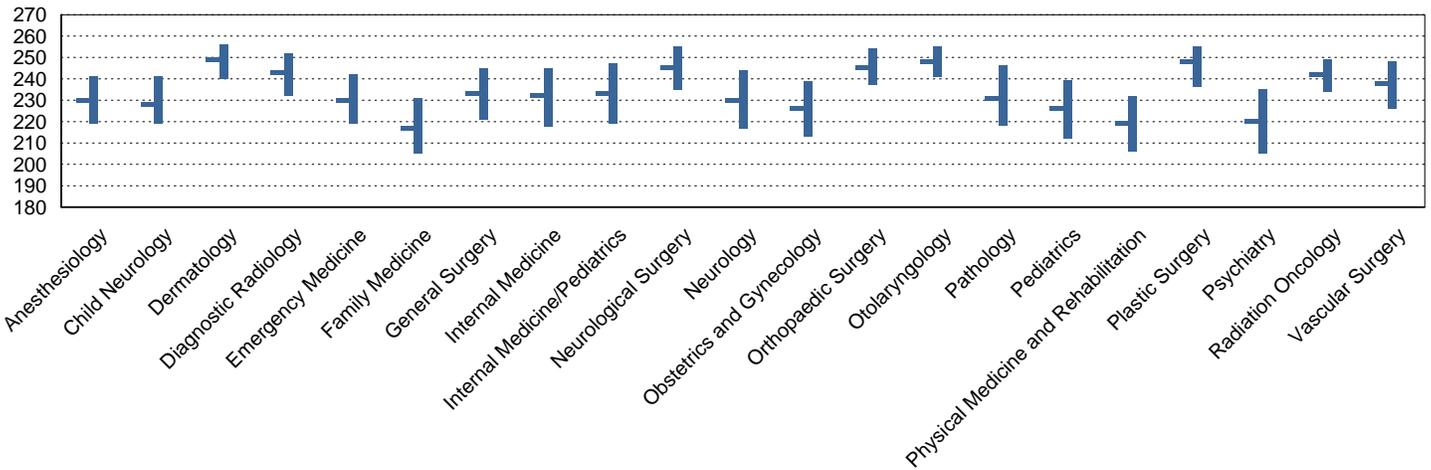
The top chart shows the data for U.S. seniors. In general, seniors who preferred the more competitive specialties were more likely to rank more than one specialty. For almost all specialties, seniors who did not match to their preferred specialty were more likely to rank more than one specialty compared to seniors who matched.

A similar pattern can be seen for the independent applicants.

**Chart
6**

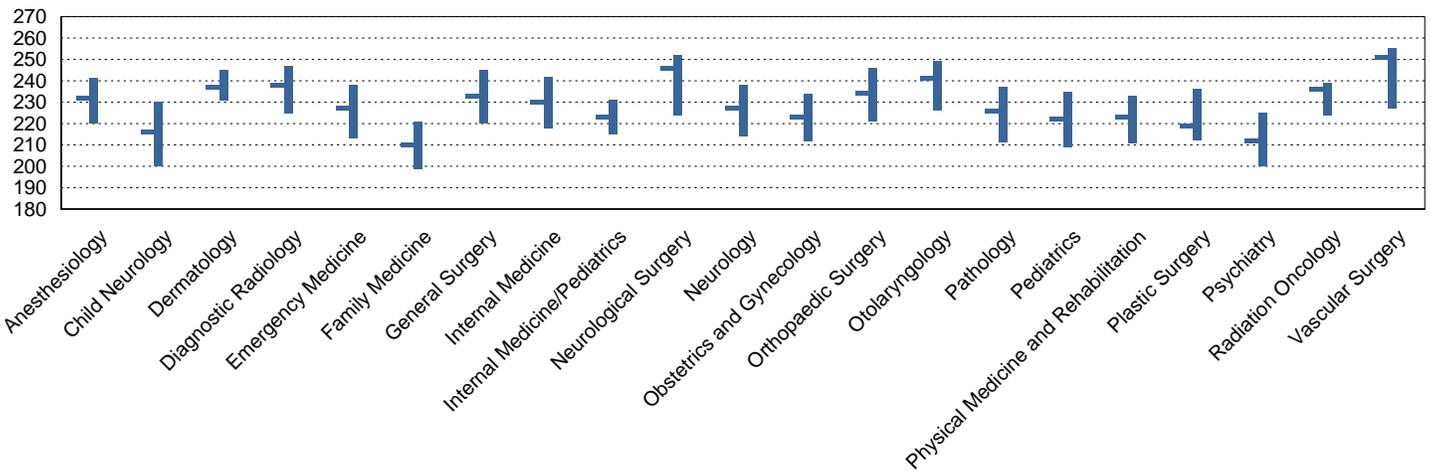
**USMLE Step 1 Scores of Matched Applicants
by Preferred Specialty and Applicant Type**

U.S. Seniors



Source: NRMP Data Warehouse

Independent Applicants



Source: NRMP Data Warehouse

Note: Step 1 scores are not available for the majority of osteopathic seniors and graduates included within the independent applicant category.
Source: NRMP Data Warehouse.

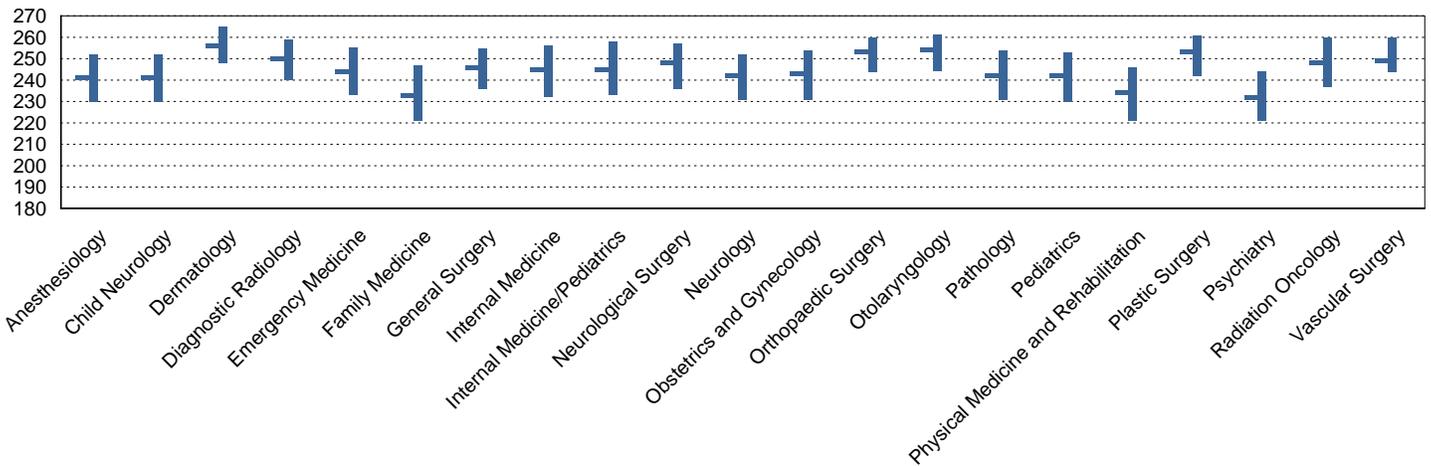
USMLE Step 1 scores are a measure of a student’s understanding of important basic science concepts and the ability to apply that knowledge to the practice of medicine. Although such knowledge is only one facet of applicant qualifications considered by program directors in their selection process, it is the only one that is comparable across applicants and available during the interview season and prior to the NRMP’s ranking deadline. Overall, U.S. senior applicants have mean USMLE Step 1 scores of 230.2 (s.d. = 18.8) and independent applicants have mean scores of 219.3 (s.d. = 19.2), both well above the 2014 minimum passing score of 192. Step 1 scores were available for 95 percent of U.S. seniors and 81 percent of independent applicants.

Chart 6 displays the Step 1 scores for matched U.S. seniors (top panel) and independent applicants (bottom panel) by specialty. The horizontal bars are the median values for successful applicants and the vertical lines show the interquartile ranges (the range of scores for applicants excluding the top and bottom quarters of the distribution). Scores generally are higher for the more competitive specialties, but there is substantial overlap when specialties are compared.

**Chart
7**

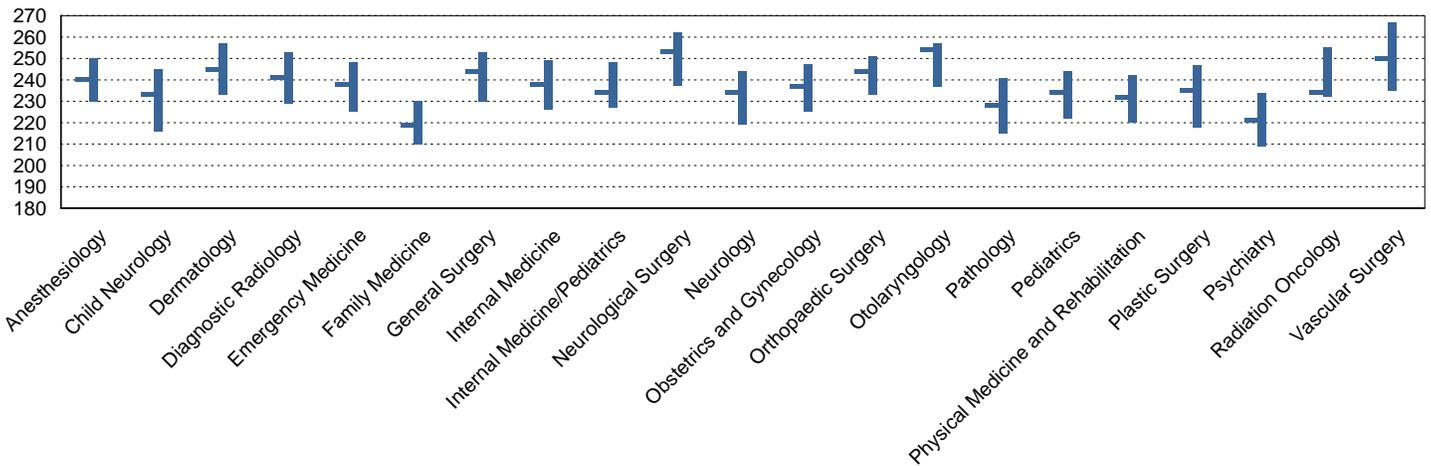
**USMLE Step 2 Scores of Matched Applicants
by Preferred Specialty and Applicant Type**

U.S. Seniors



Source: NRMP Data Warehouse

Independent Applicants



Source: NRMP Data Warehouse

Note: Step 2 scores are not available for the majority of osteopathic seniors and graduates included within the independent applicant category.
Source: NRMP Data Warehouse.

USMLE Step 2 scores are a measure of an applicant's ability to apply the medical knowledge, skills, and understanding of clinical science essential for providing patient care. Overall, U.S. senior applicants had mean USMLE Step 2 scores of 242.0 (s.d. = 16.6) and independent applicants had mean scores of 227.0 (s.d. = 18.9), both well above the 2014 minimum passing score of 209. Step 2 scores were available for 82 percent of U.S. seniors and 69 percent of independent applicants.

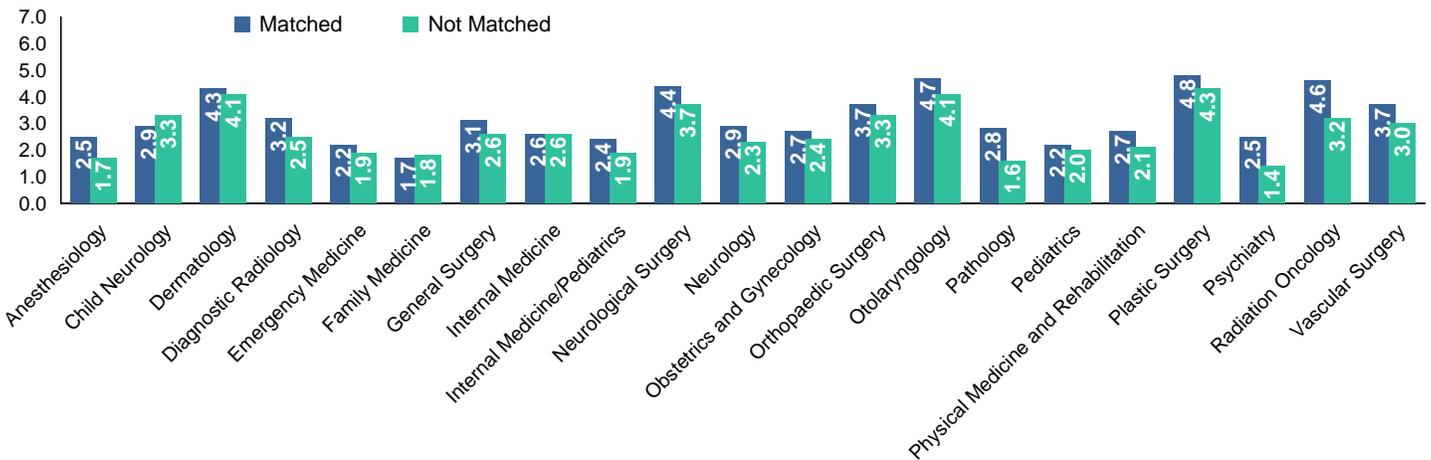
Chart 7 shows the Step 2 scores for U.S. seniors (top panel) and independent applicants (bottom panel) who matched to their preferred specialty. The horizontal bars are the median values for successful applicants and the vertical lines show the interquartile ranges. As was the case for the Step 1 scores, the more competitive specialties have higher average Step 2 scores.

U.S. seniors had higher mean Step 2 scores than independent applicants in all specialties except Neurological Surgery. For some specialties (e.g., Plastic Surgery) the differences in mean Step 2 scores between matched U.S. seniors and independent applicants are quite dramatic; most other specialties show smaller differences.

**Chart
8**

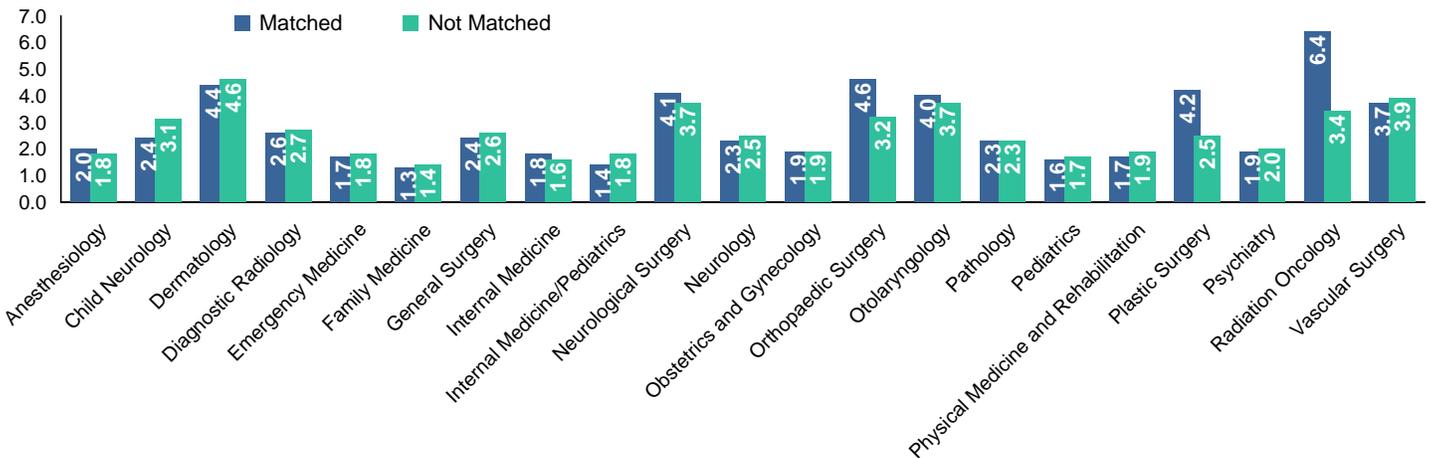
**Mean Number of Research Experiences
by Preferred Specialty, Applicant Type, and Match Status**

U.S. Seniors



Source: NRMP Data Warehouse

Independent Applicants



Source: NRMP Data Warehouse

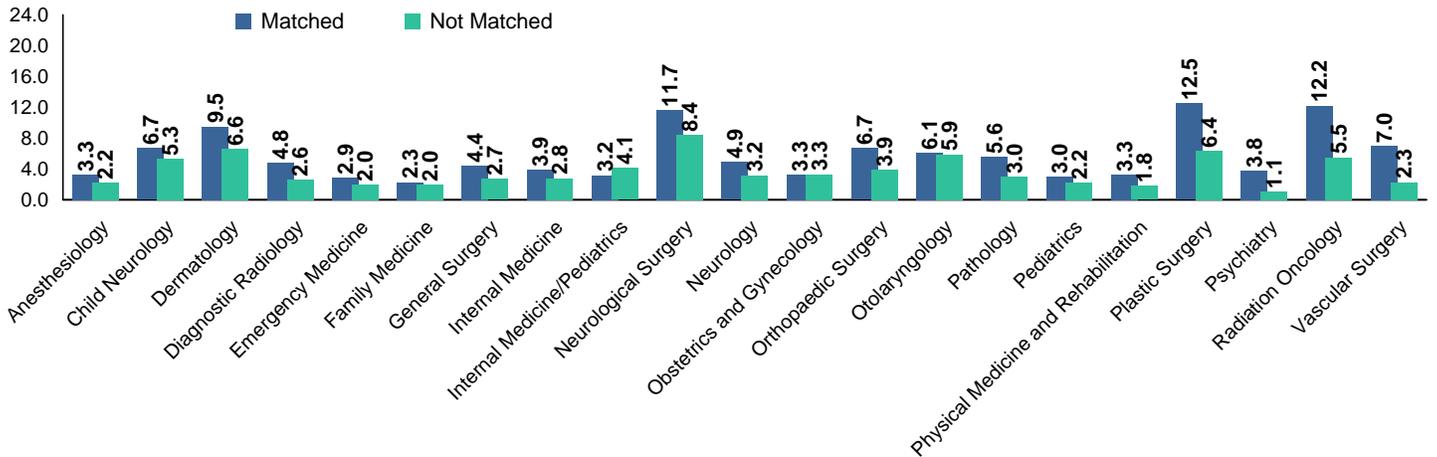
Applicants were asked to report the number of research experiences entered in their Electronic Residency Application Service (ERAS) applications. These experiences are not verified or evaluated and quality may vary greatly. Chart 8 shows the average number of research experiences by applicant type, preferred specialty, and Match outcome.

U.S. seniors averaged 2.8 research experiences with 90.4 percent reporting at least one experience. Independent applicants reported, on average, fewer experiences (1.9), and a smaller percentage (72.4%) listed any research experiences.

**Chart
9**

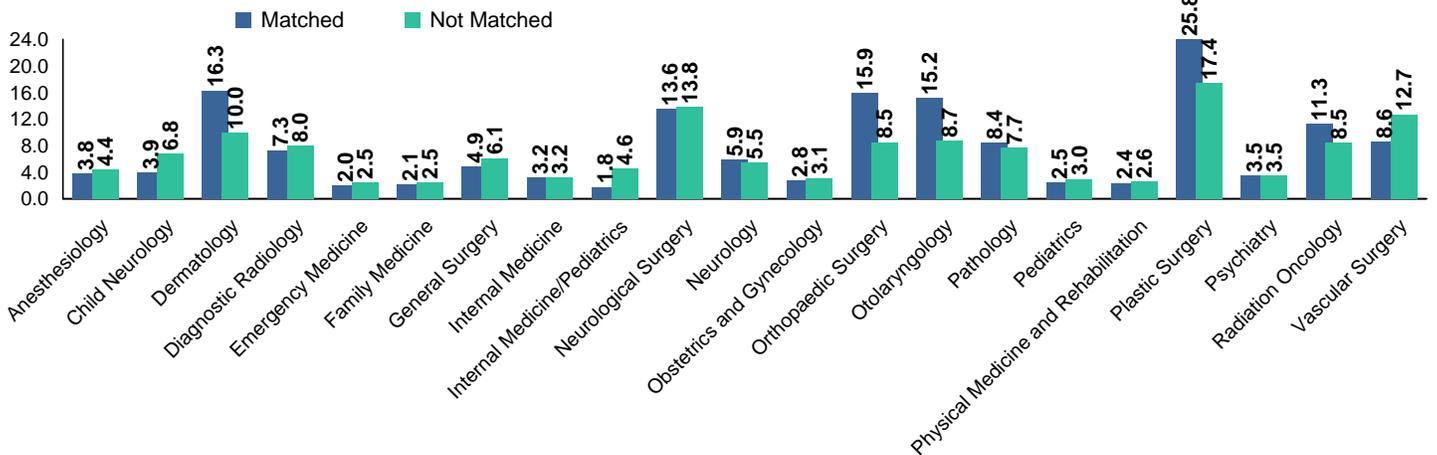
**Mean Number of Abstracts, Presentations, and Publications
by Preferred Specialty, Applicant Type, and Match Status**

U.S. Seniors



Source: NRMP Data Warehouse

Independent Applicants



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 average number of publications by applicant type, preferred specialty, and Match outcome.

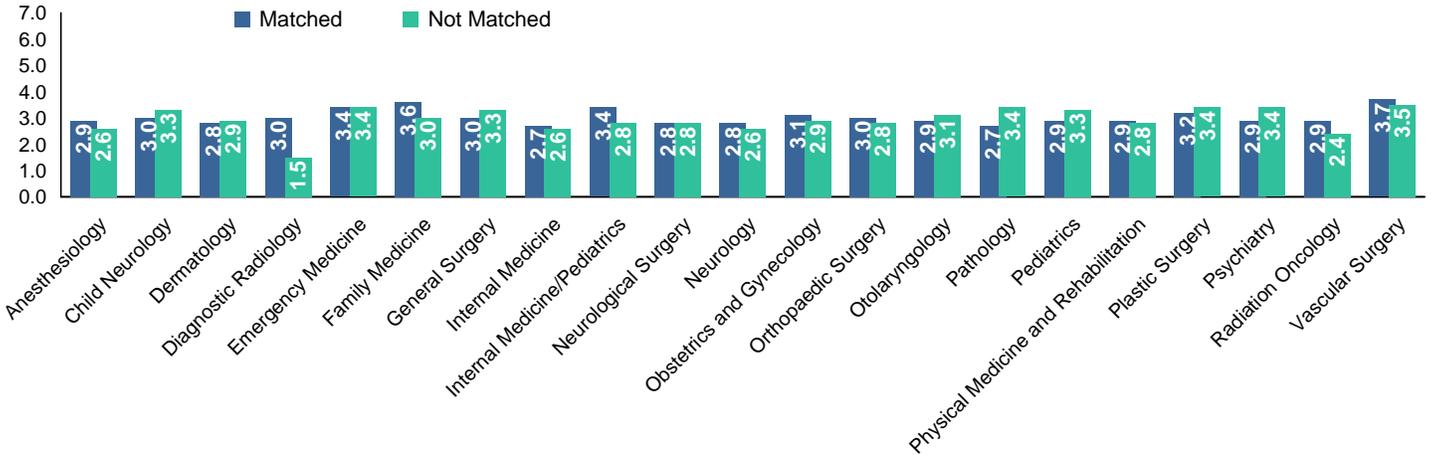
U.S. seniors averaged 4.2 publications with 77.3 percent reporting at least one publication. Independent applicants reported, on average, slightly fewer publications (3.9); however, a smaller percentage (61.8%) listed any publications.

For competitive specialties such as Dermatology, Neurological Surgery, Orthopaedic Surgery, Otolaryngology, and Plastic Surgery, independent applicants reported considerably more publications than U.S. seniors, but the same was not true for less competitive specialties like Family Medicine and Pediatrics.

**Chart
10**

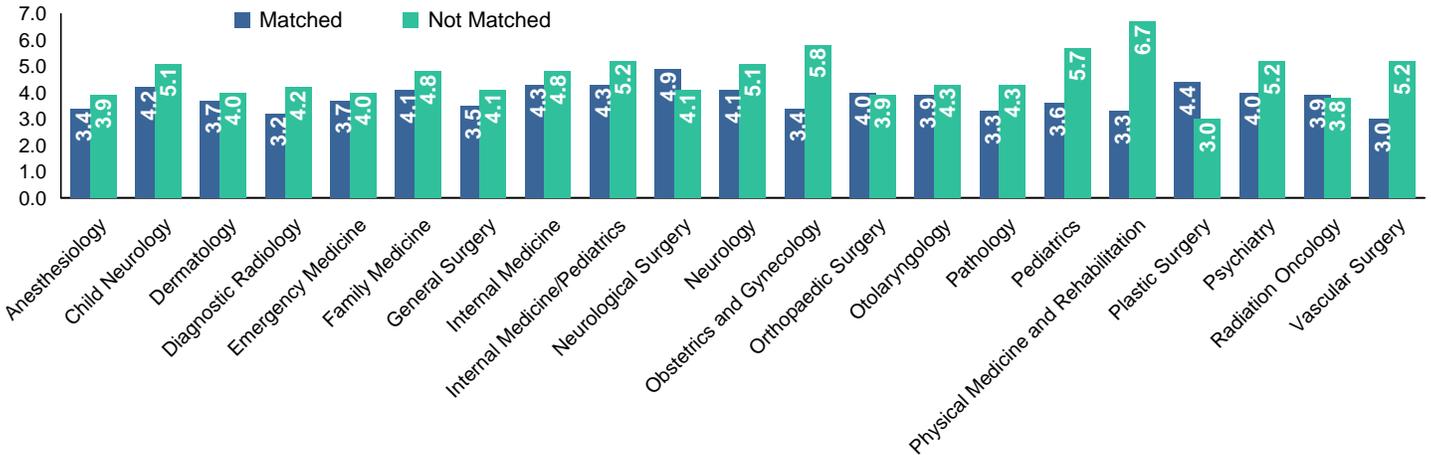
**Mean Number of Work Experiences
by Preferred Specialty, Applicant Type, and Match Status**

U.S. Seniors



Source: NRMP Data Warehouse

Independent Applicants



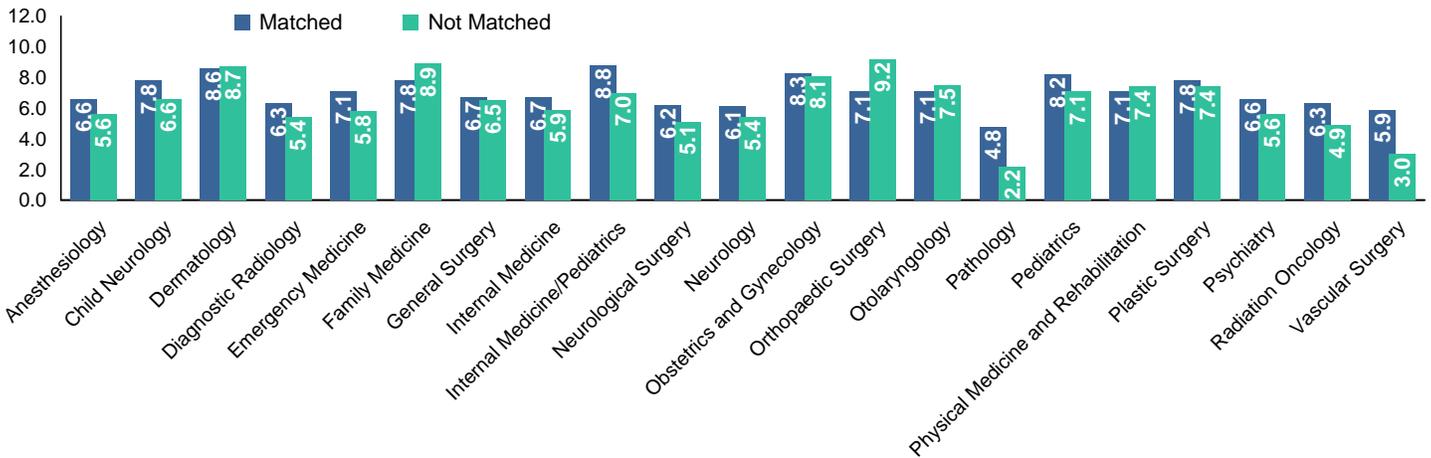
Source: NRMP Data Warehouse

Applicants were asked to list the number of work experiences as they reported in their ERAS application. Chart 10 shows the average number of work experiences by applicant type, preferred specialty, and Match outcome. There is little variation across specialties or within specialties (matched or not matched) for either the U.S. seniors or independent applicants. Across all specialties, however, independent applicants averaged more work experiences than U.S. seniors (4.4 versus 3.0), and a higher proportion of independent applicants (93.8% versus 89.3%) reported at least one work experience.

**Chart
11**

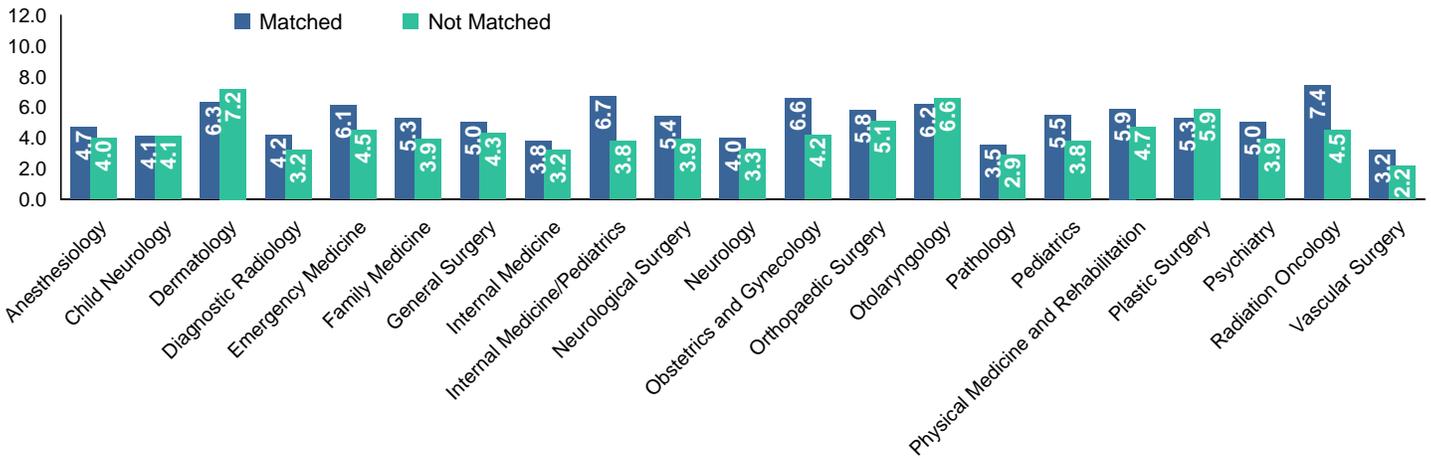
**Mean Number of Volunteer Experiences
by Preferred Specialty, Applicant Type, and Match Status**

U.S. Seniors



Source: NRMP Data Warehouse

Independent Applicants



Source: NRMP Data Warehouse

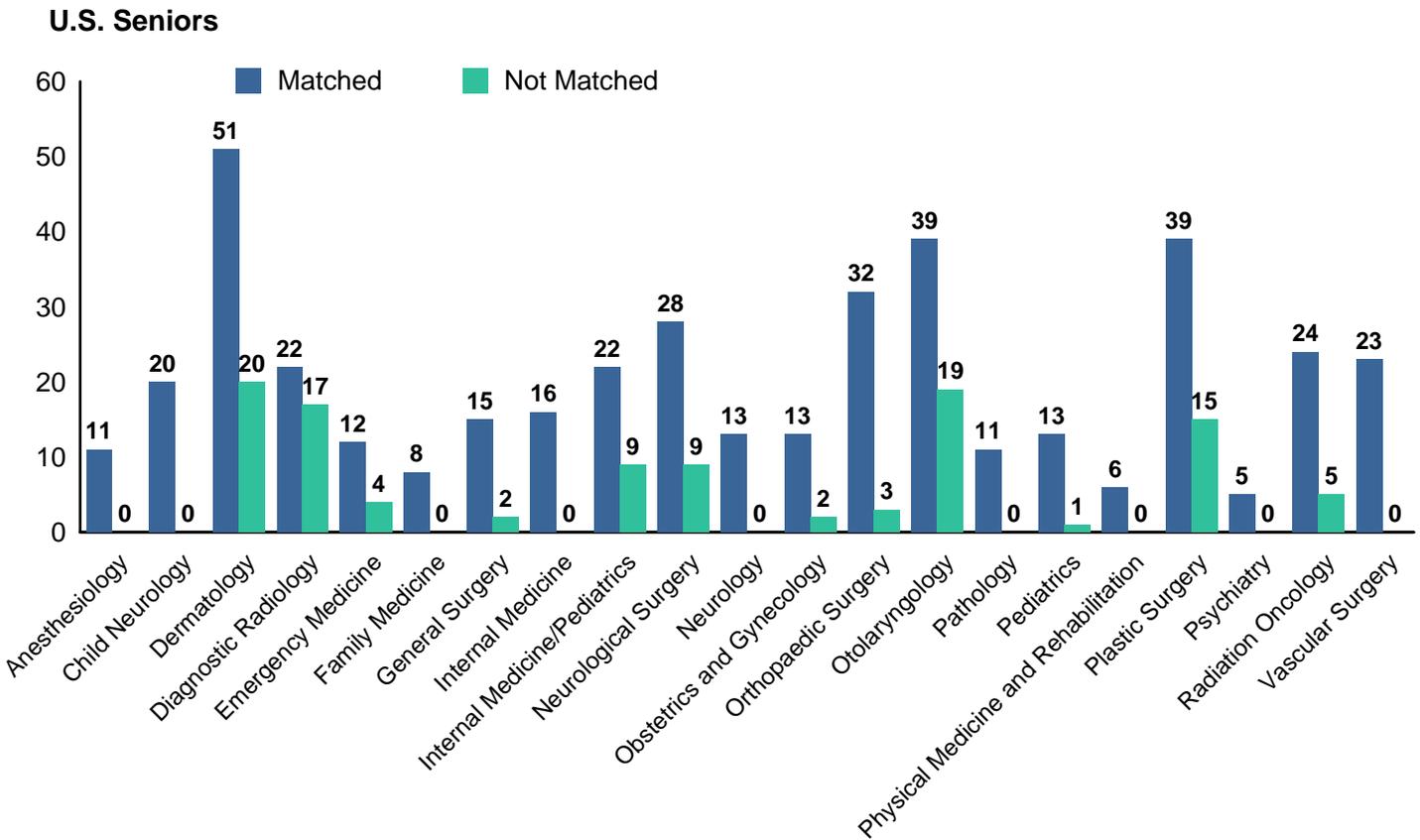
Applicants were asked to list the number of volunteer experiences they reported in their ERAS applications. Chart 11 provides the average number of volunteer experiences by applicant type, preferred specialty, and Match outcome. Matched U.S. seniors in most specialties averaged more volunteer experiences when compared to unmatched seniors in the same specialties, with several averaging at least one more experience.

A similar pattern can be seen for independent applicants. Matched applicants generally had more volunteer experiences when compared to unmatched applicants.

Overall, U.S. seniors averaged more volunteer experiences compared to independent applicants (7.1 versus 4.2), and a

**Chart
12**

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



Source: NRMP Data Warehouse

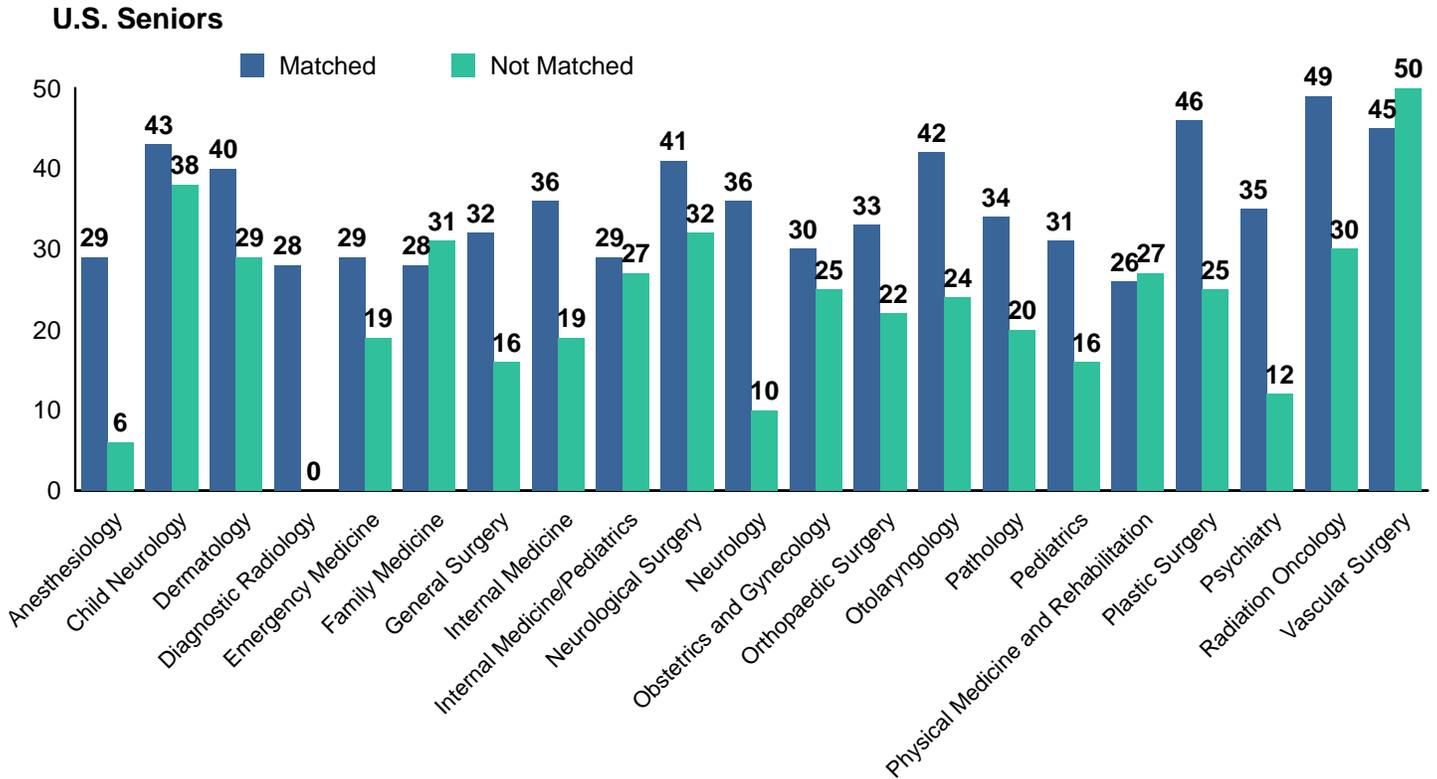
Membership in Alpha Omega Alpha (AOA), the national medical honor society, is an honor reserved for students with high academic achievement. AOA membership is limited to students in medical schools that sponsor an AOA chapter. Most, but not all, allopathic schools in the U.S. and Canada participate, and there is one foreign chapter in Beirut. Among the independent applicants, only graduate U.S. physicians, Canadians, and a small number of others could legitimately claim membership. For that reason, AOA status for each specialty in Chart 12 is reported only for U.S. seniors.

Data on AOA membership are self-reported. Even for U.S. seniors, however, an analysis of its relationship with success in the Match is limited by the relatively small number of applicants who are members, by the fact that some schools do not have AOA chapters, and by the fact that other schools elect AOA members too late in the academic year for it to be considered in the application process. Overall, 15.9 percent of U.S. seniors included in this report claimed AOA membership. Among applicants who matched to their preferred specialty, 16.3 percent reported AOA membership, compared to 12.7 percent of unmatched applicants.

As with several of the other measures, the most competitive specialties are able to attract the greatest proportion of AOA members. All specialties attract some AOA applicants, but for most specialties AOA members account for fewer than one in four successful applicants.

**Chart
13**

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



Source: NRMP Data Warehouse

*Source: <http://report.nih.gov/award/index.cfm>. The 40 medical schools with the highest NIH funding received \$100 million or more.

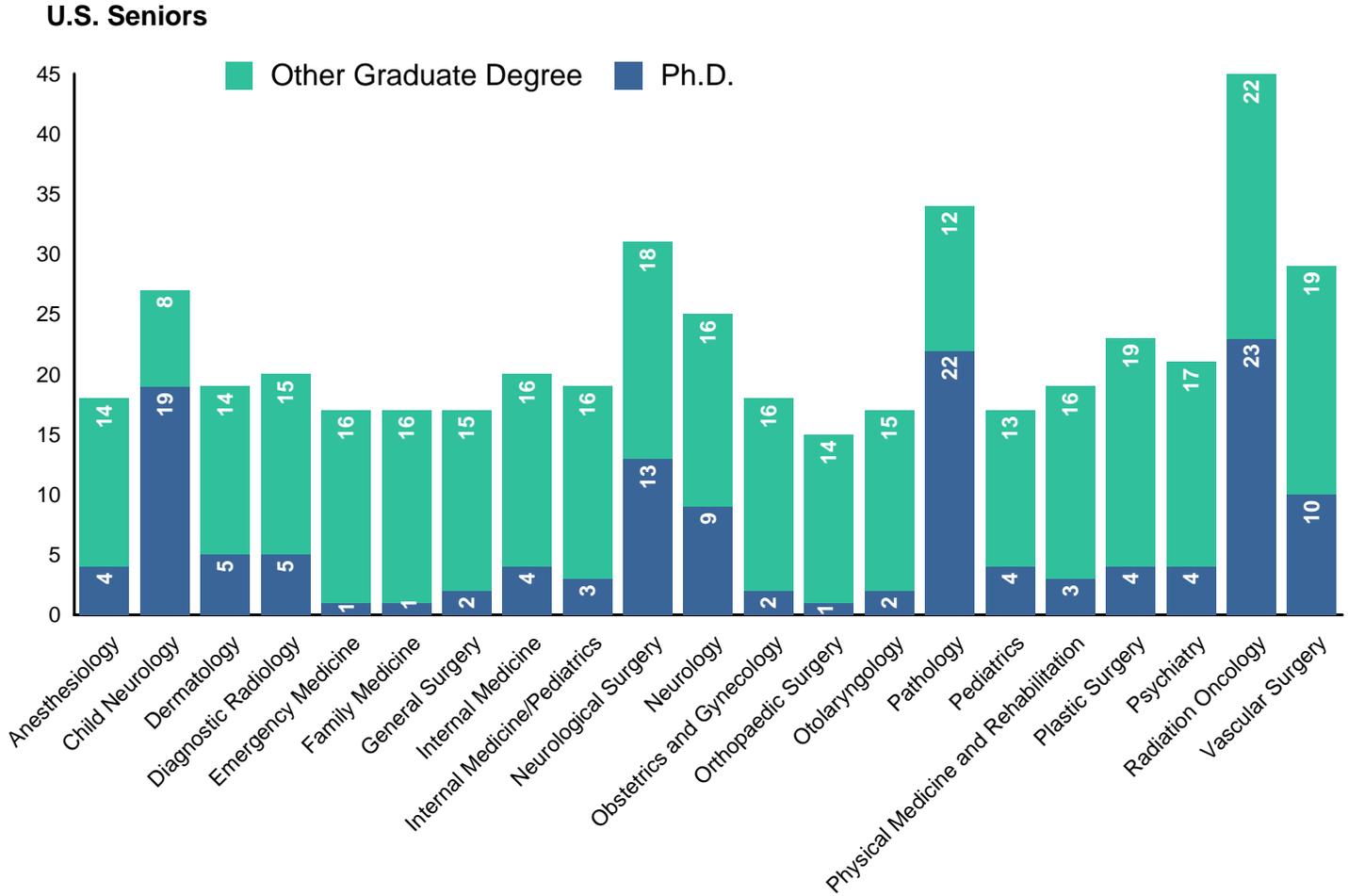
Some program directors may give preference to applicants with research experience or who graduated from a research-intensive medical school. To test this assumption, we obtained data on the amount of NIH grant awards and identified the 40 schools with the highest NIH funding (\$100 million or more). This measure, by definition, is limited to graduates of U.S. medical schools. Overall, 32.8 percent of matched and 27.8 percent of unmatched U.S. seniors were graduates of one of the 40 medical schools with the highest NIH funding.

Chart 13 shows the percentage of U.S. seniors who graduated from those schools by specialty and Match outcome. For example, 29 percent of U.S. seniors who matched in Anesthesiology were graduates of one of the 40 medical schools with the highest NIH funding and 6 percent of seniors who did not match in Anesthesiology were graduates of those schools.

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

**Chart
14**

Percentage of Matched U.S. Allopathic Seniors Who Have a Graduate Degree



Source: NRMP Data Warehouse

Chart 14 shows by preferred specialty the percentage of matched U.S. allopathic seniors who have a graduate degree. Radiation Oncology, Pathology, Neurological Surgery, and Child Neurology had the highest percentages of matched applicants with Ph.D.s.

AN Anesthesiology

Table AN-1 **Summary Statistics**
Anesthesiology

Measure	U.S. Seniors		Independent Applicants	
	Matched (n=1,067)	Unmatched (n=49)	Matched (n=496)	Unmatched (n=214)
1. Mean number of contiguous ranks	14.4	3.4	9.1	3.4
2. Mean number of distinct specialties ranked	1.4	1.9	1.5	1.7
3. Mean USMLE Step 1 score	230	208	230	216
4. Mean USMLE Step 2 score	241	223	239	222
5. Mean number of research experiences	2.5	1.7	2.0	1.8
6. Mean number of abstracts, presentations, and publications	3.3	2.2	3.8	4.4
7. Mean number of work experiences	2.9	2.6	3.4	3.9
8. Mean number of volunteer experiences	6.6	5.6	4.7	4.0
9. Percentage who are AOA members	10.6	0.0	n/a	n/a
10. Percentage who graduated from one of the 40 U.S. medical schools with the highest NIH funding	29.3	6.1	n/a	n/a
11. Percentage who have Ph.D. degree	3.5	2.2	n/a	n/a
12. Percentage who have another graduate degree	13.7	13.0	n/a	n/a

n/a: The measure either does not apply to, applies to only a small percentage of, or no reliable data were available for independent applicants.

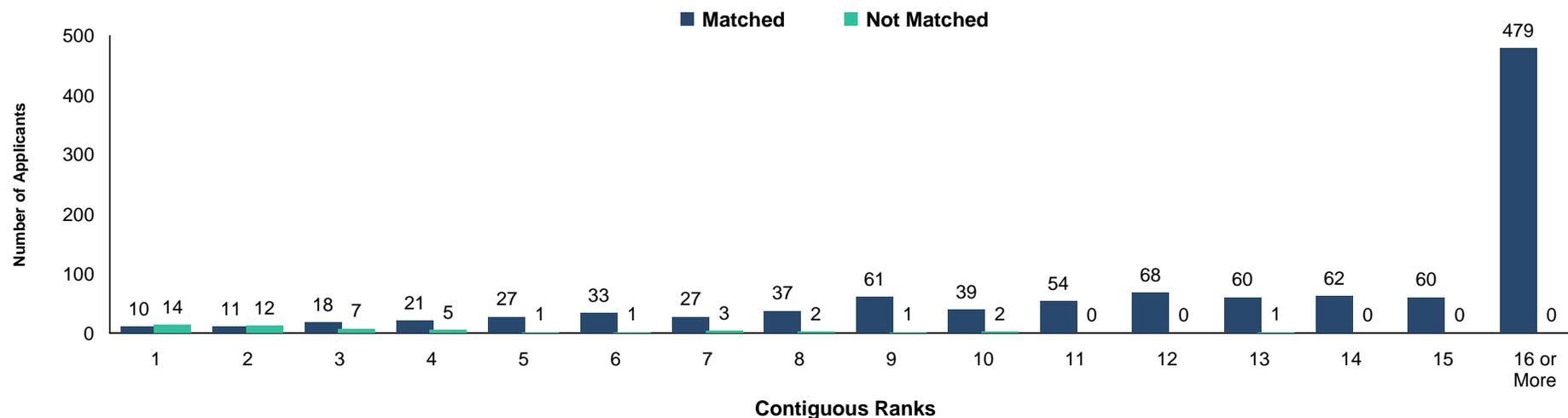
Sources. NRMP Data Warehouse; Top 40 U.S. medical schools with the highest NIH funding in measure 10 is from the NIH website (<http://report.nih.gov/award/index.cfm>).

Note: Measures 3-9 and 11-12 included only applicants who gave consent to use their information in research. USMLE Step scores are not available for most osteopathic medical school students and graduates included in the independent applicant group.

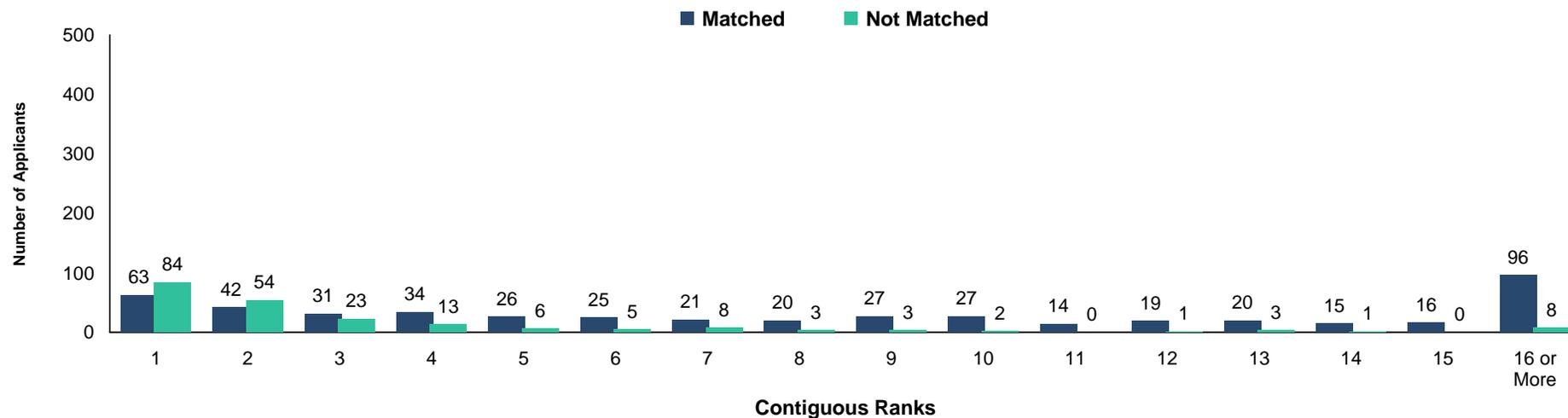
**Chart
AN-1**

**Number of Contiguous Ranks Within Preferred Specialty
Anesthesiology**

U.S. Seniors

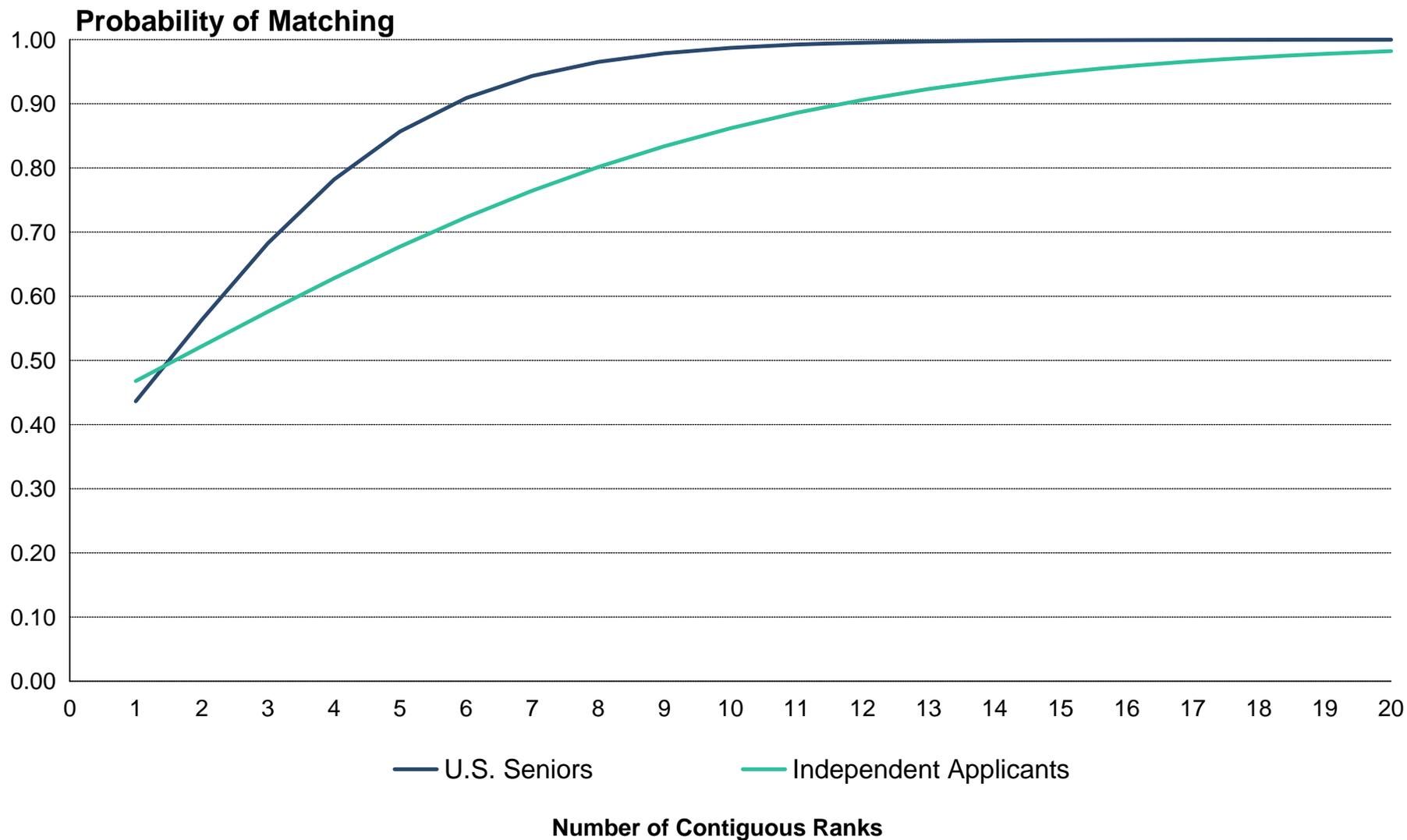


Independent Applicants



Source: NRMP Data Warehouse

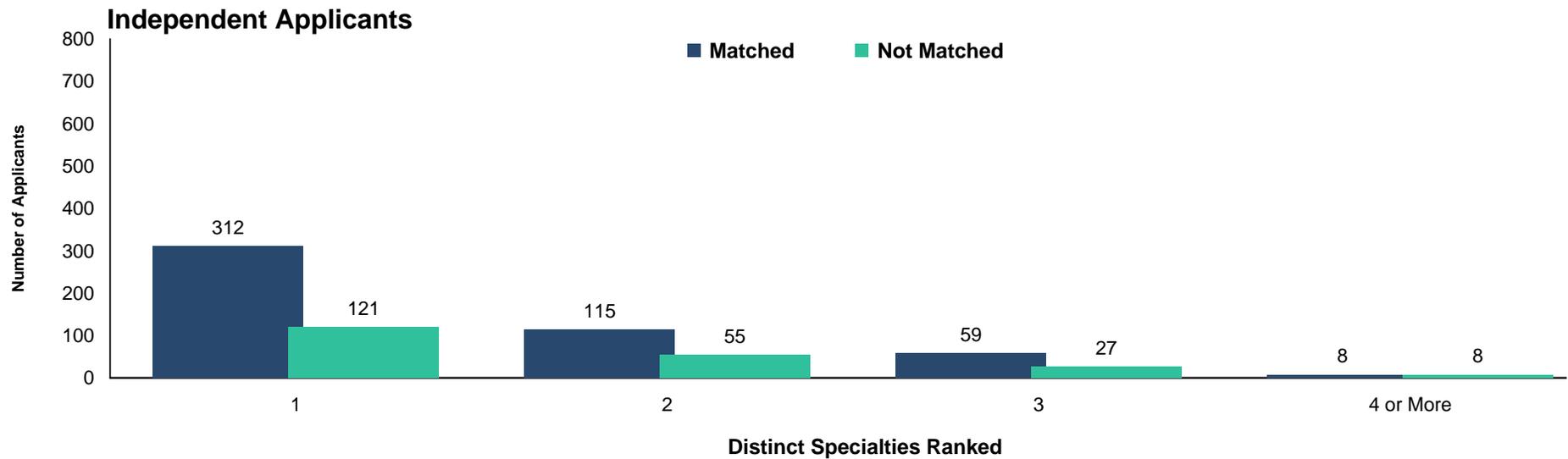
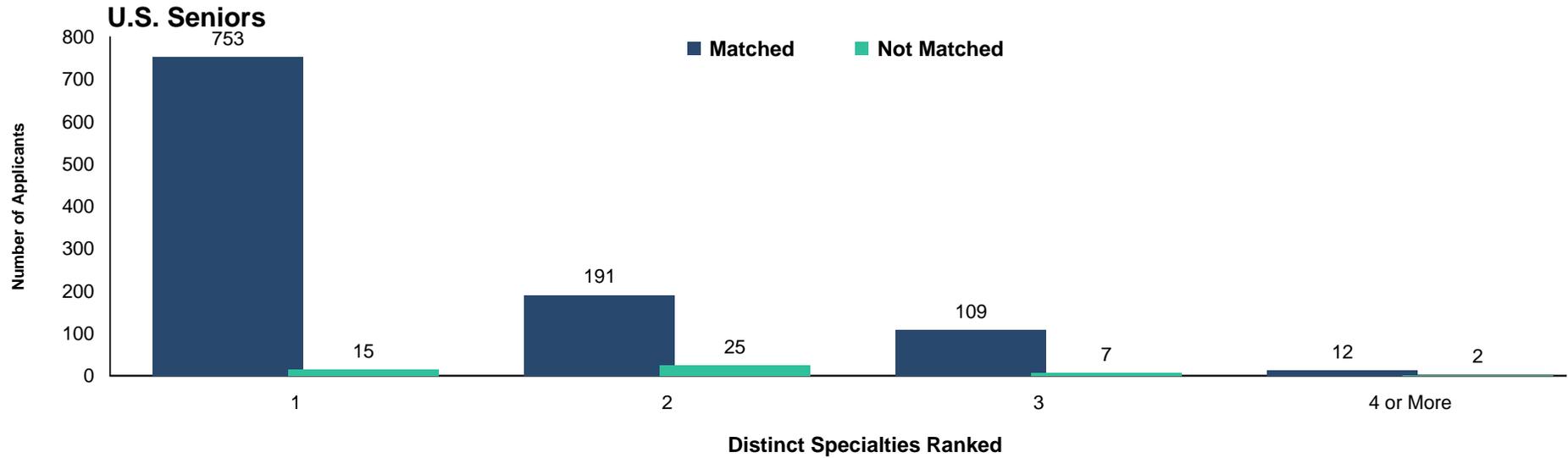
Probability of Matching to Preferred Specialty by Number of Contiguous Ranks *Anesthesiology*



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2014 applicants only

**Chart
AN-2**

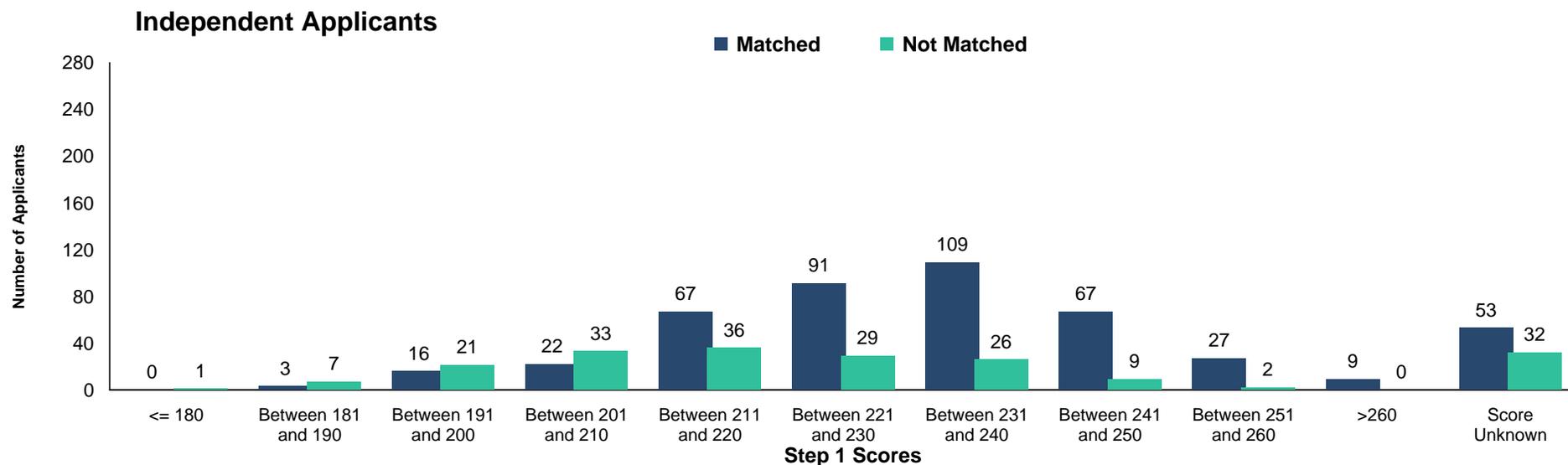
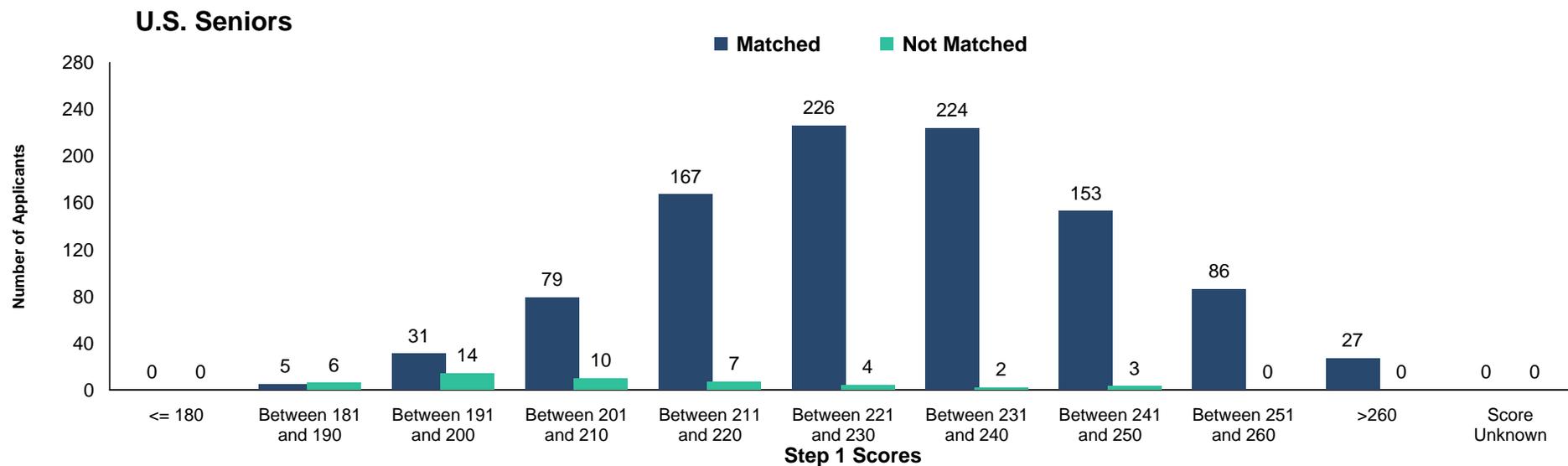
**Number of Distinct Specialties Ranked
Anesthesiology**



Source: NRMP Data Warehouse

**Chart
AN-3**

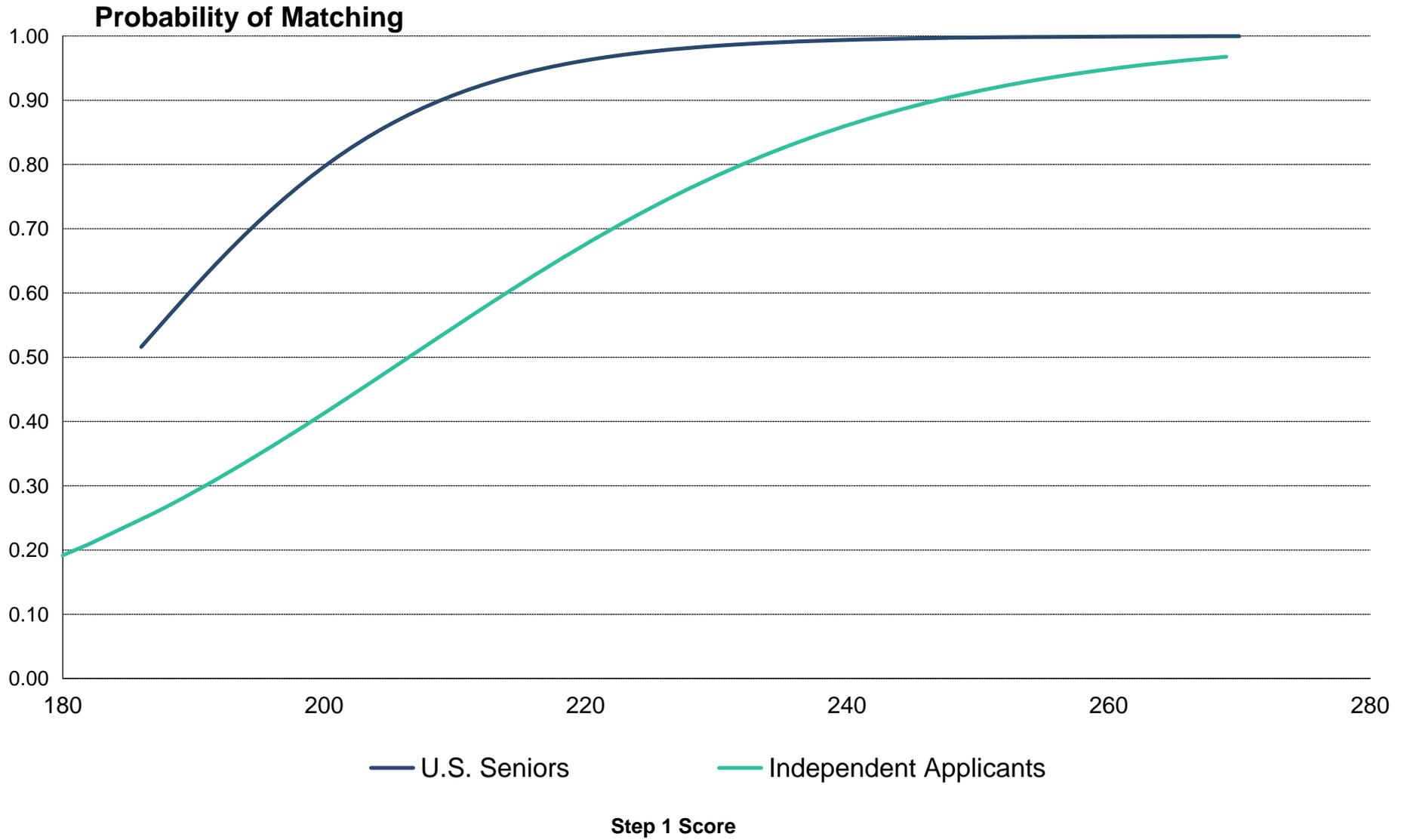
**USMLE Step 1 Scores
Anesthesiology**



Source: NRMP Data Warehouse

**Graph
AN-2**

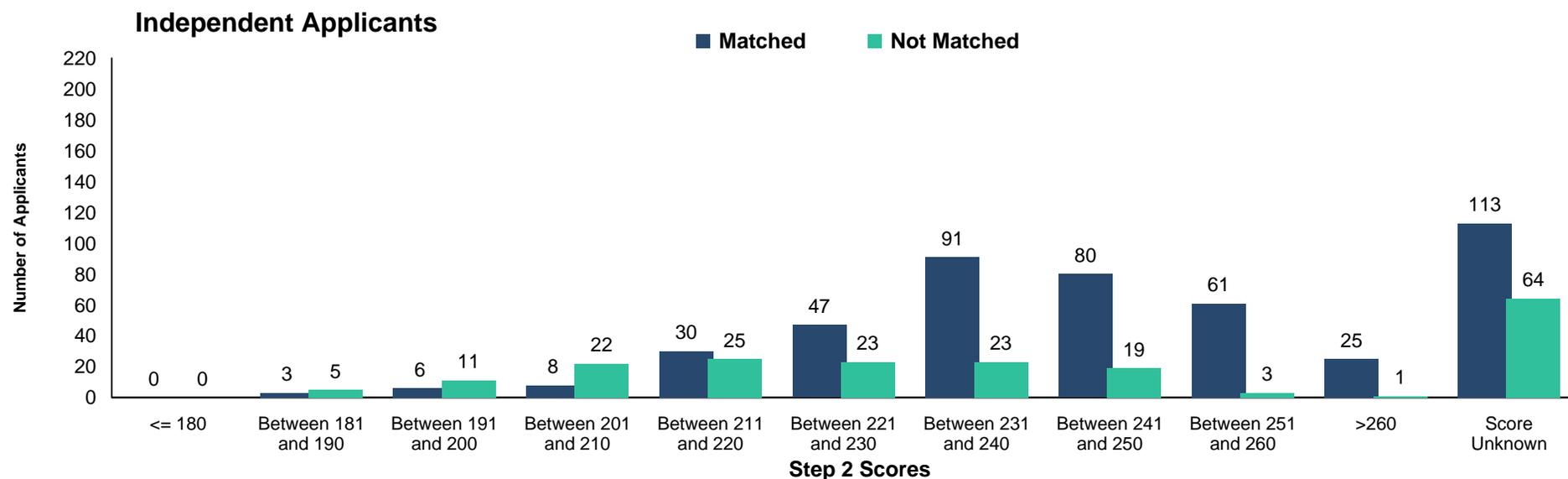
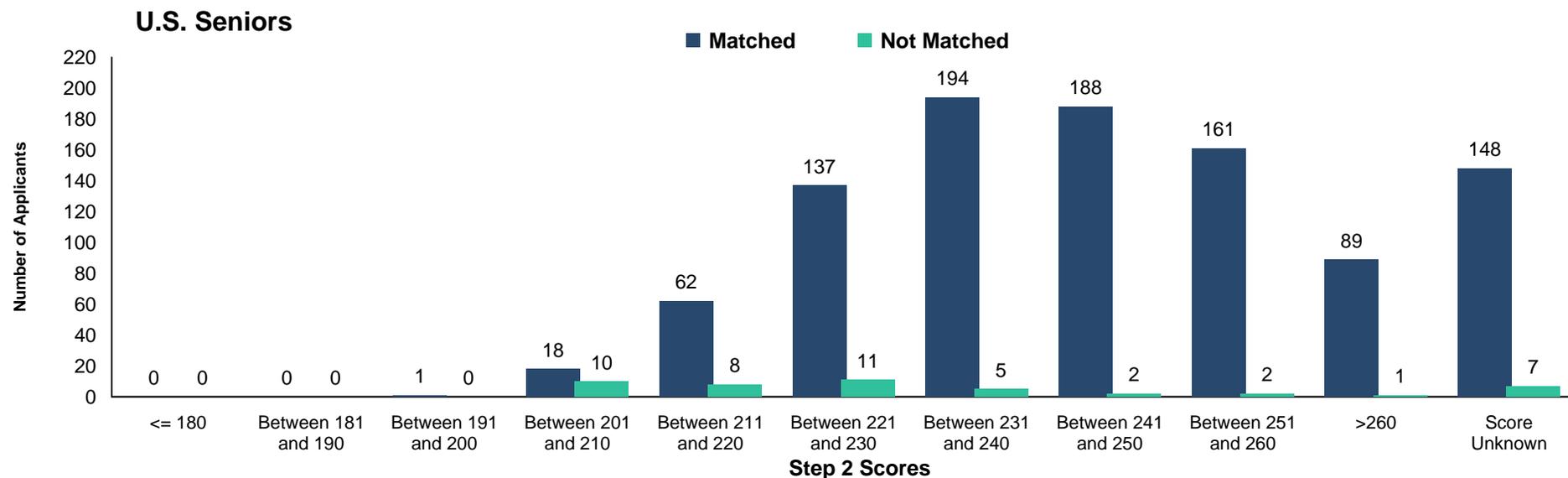
Probability of Matching to Preferred Specialty by USMLE Step 1 Score
Anesthesiology



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2014 applicants only.

**Chart
AN-4**

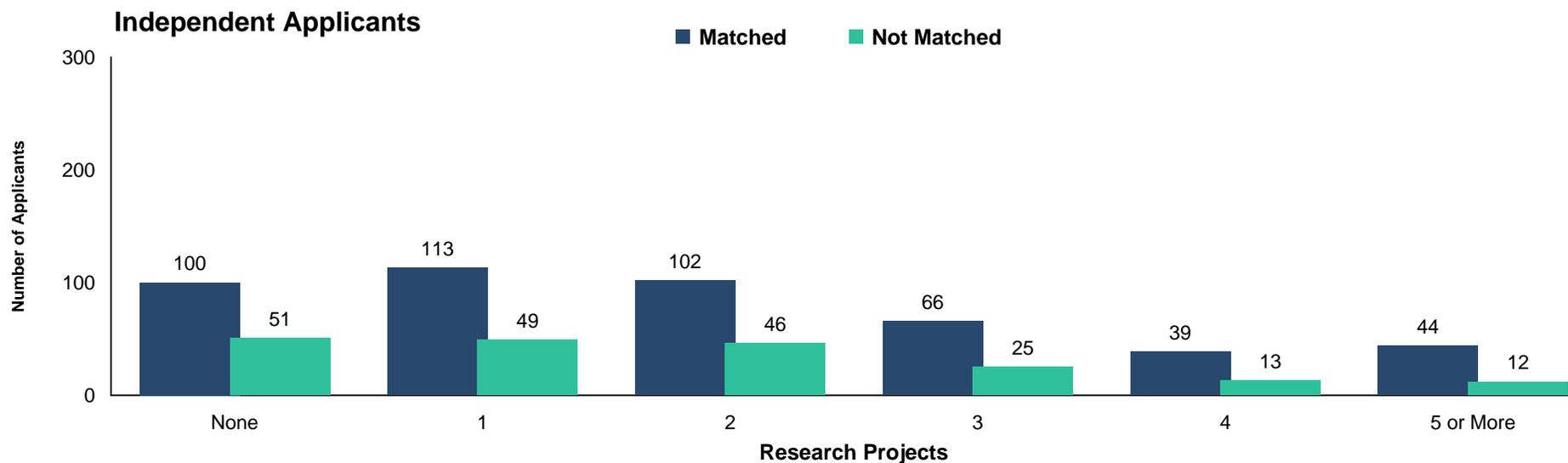
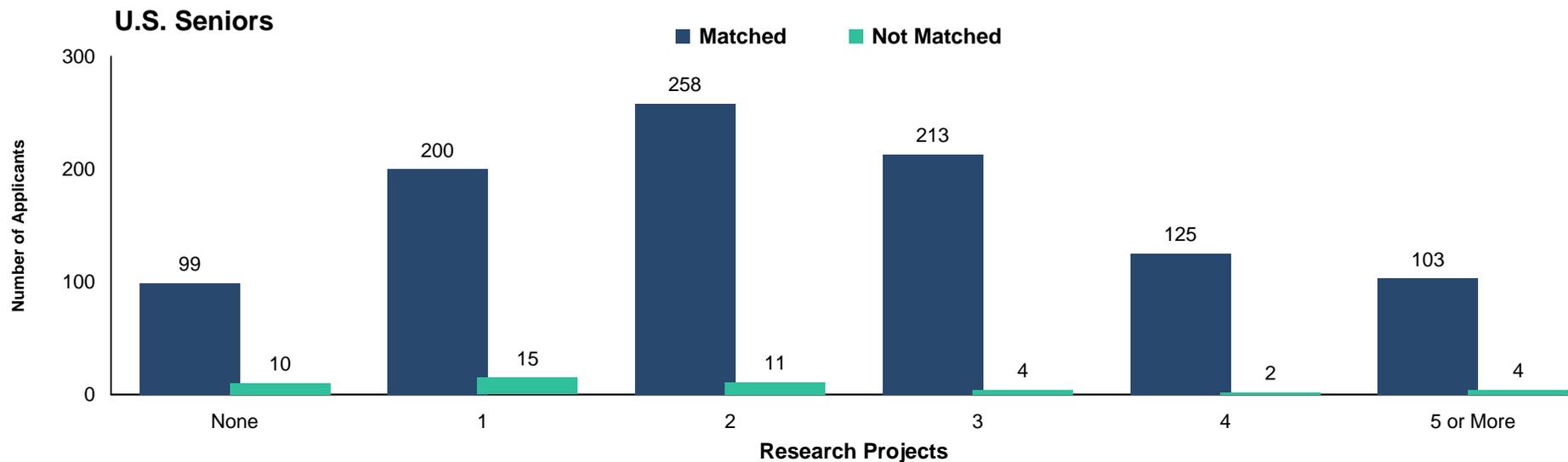
**USMLE Step 2 Scores
Anesthesiology**



Source: NRMP Data Warehouse

**Chart
AN-5**

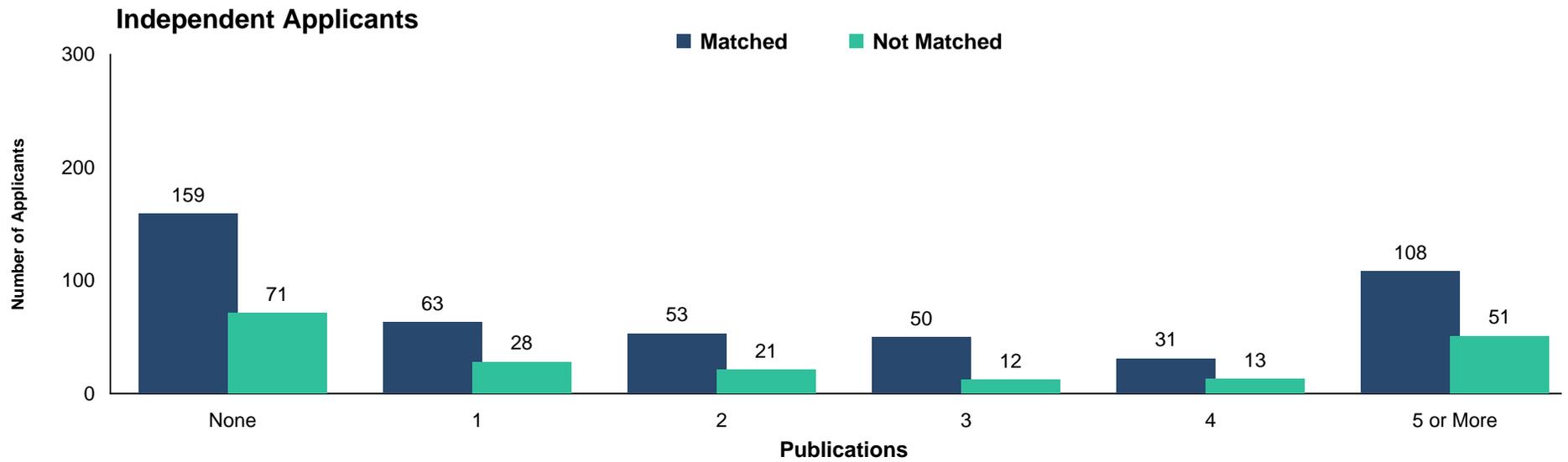
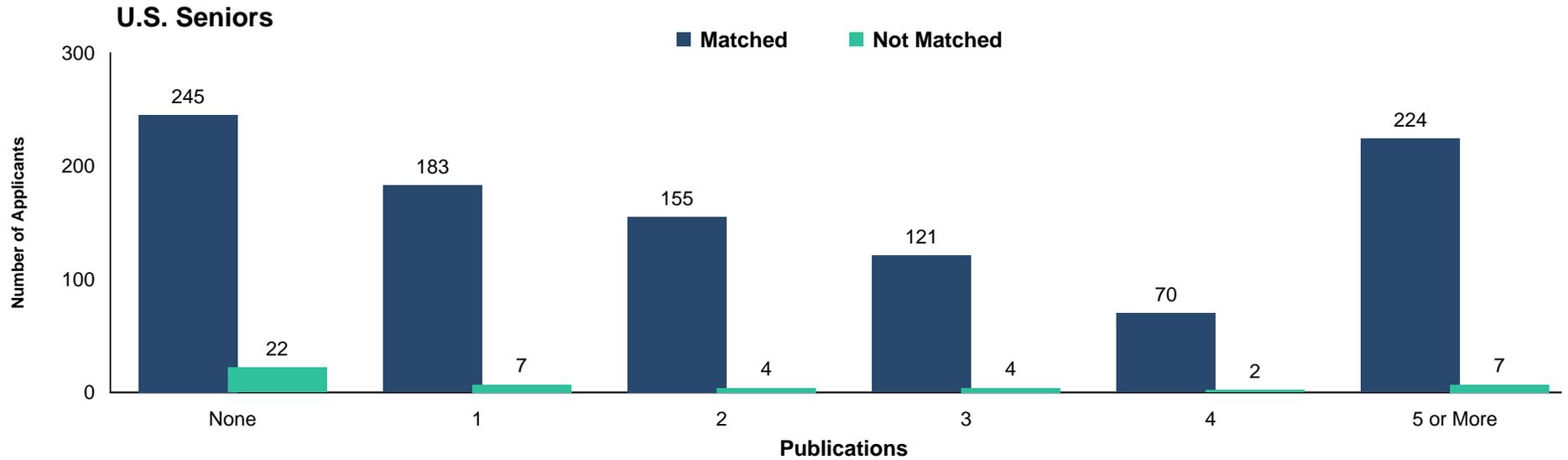
**Number of Research Projects
Anesthesiology**



Source: NRMP Data Warehouse

**Chart
AN-6**

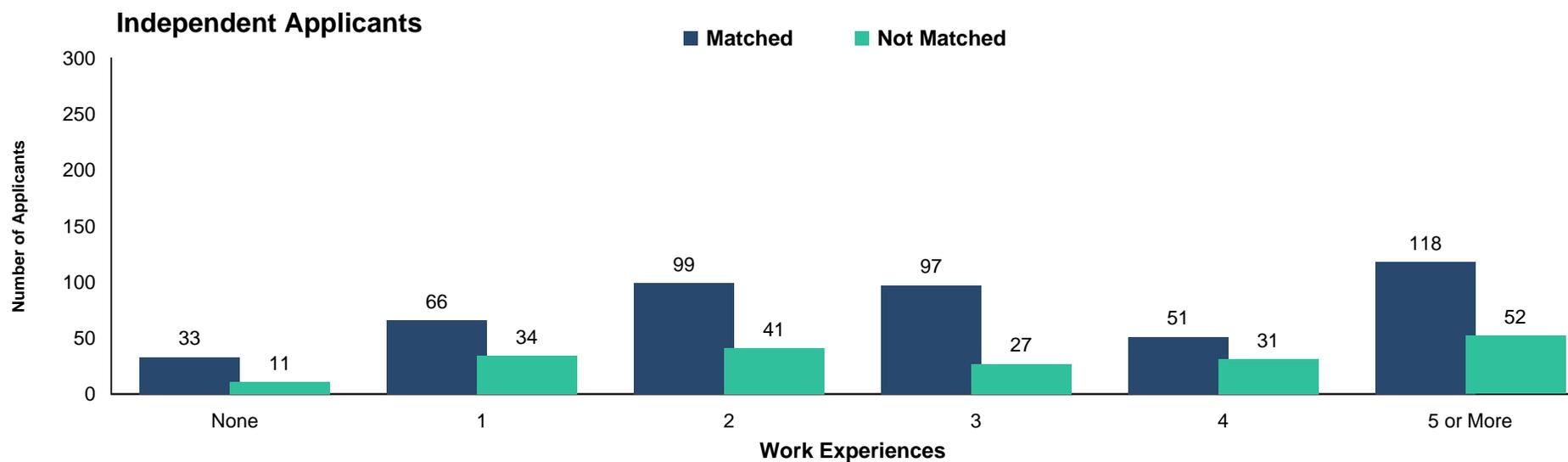
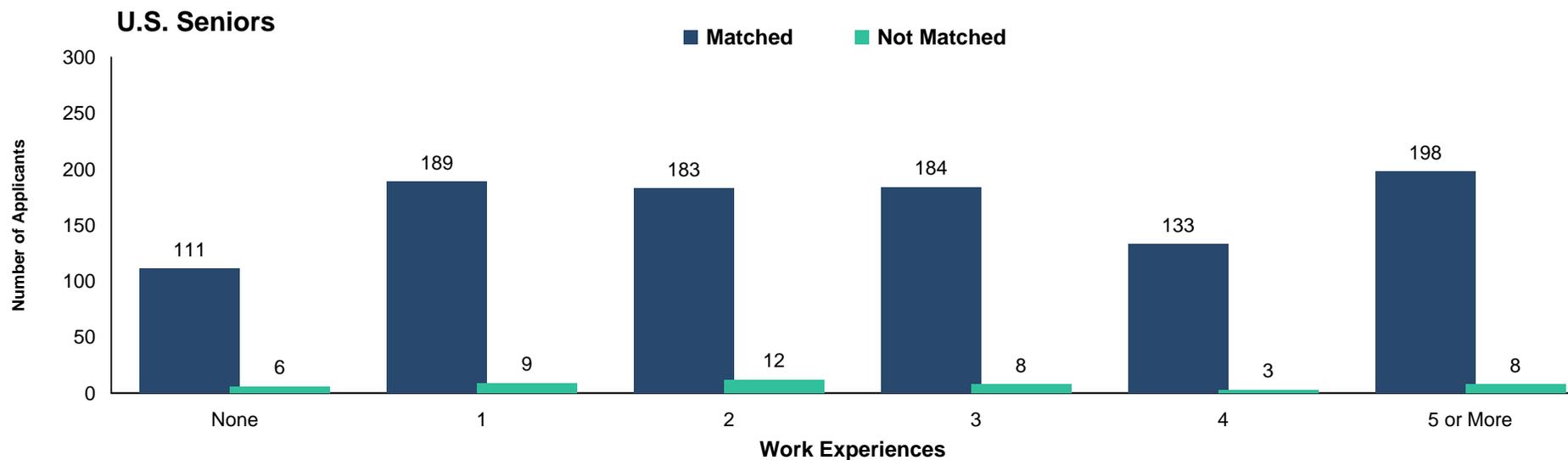
**Number of Abstracts, Presentations, and Publications
Anesthesiology**



Source: NRMP Data Warehouse

**Chart
AN-7**

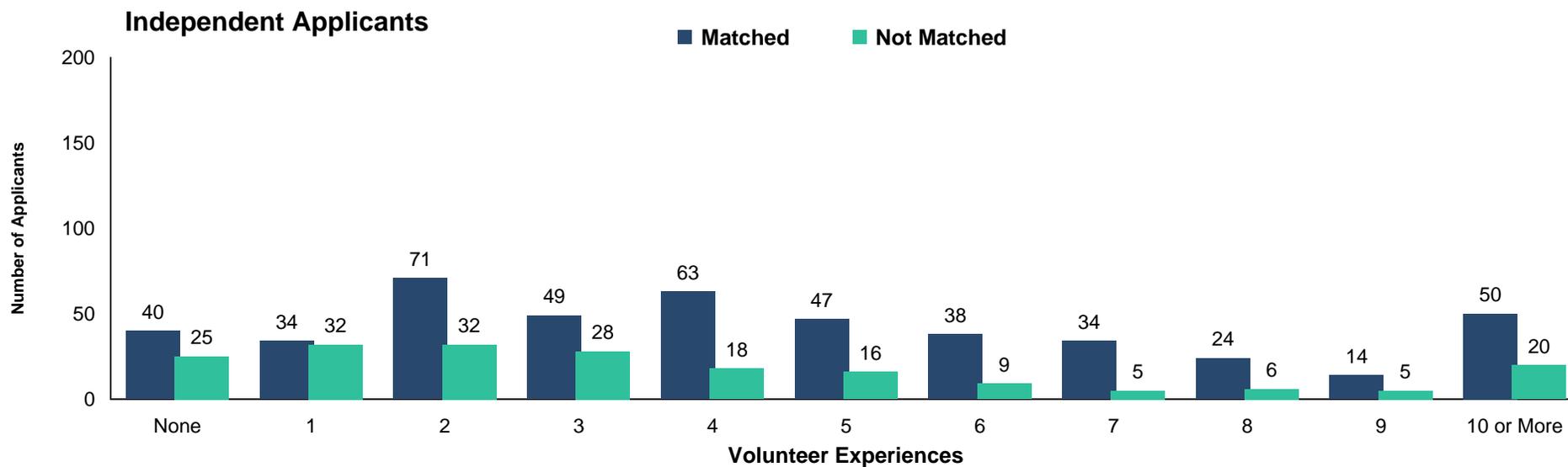
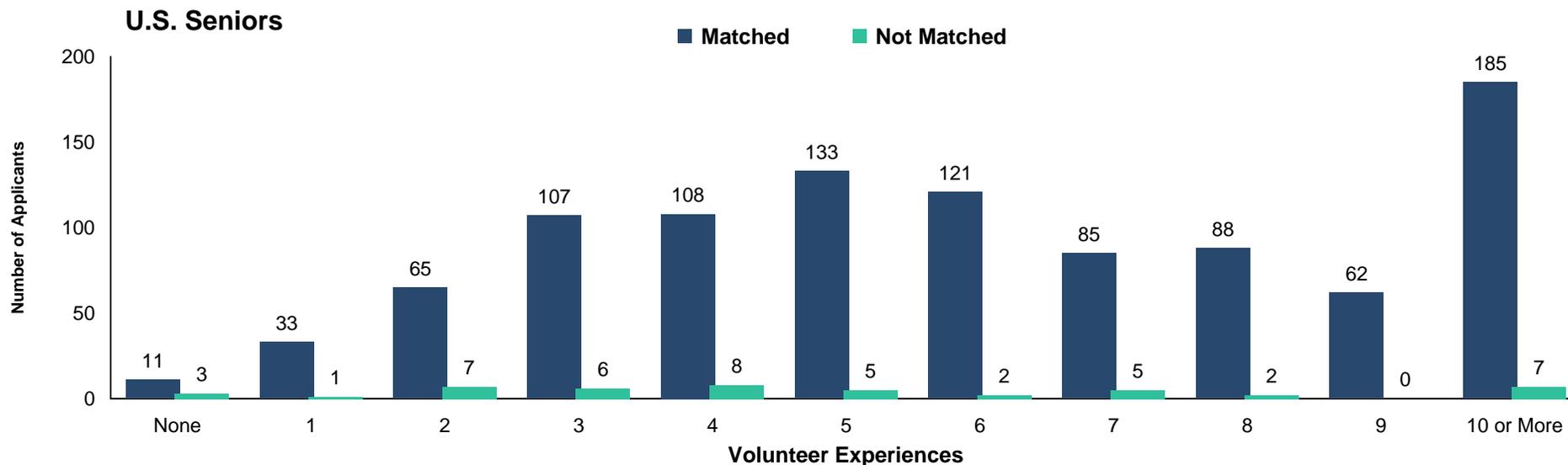
**Number of Work Experiences
Anesthesiology**



Source: NRMP Data Warehouse

**Chart
AN-8**

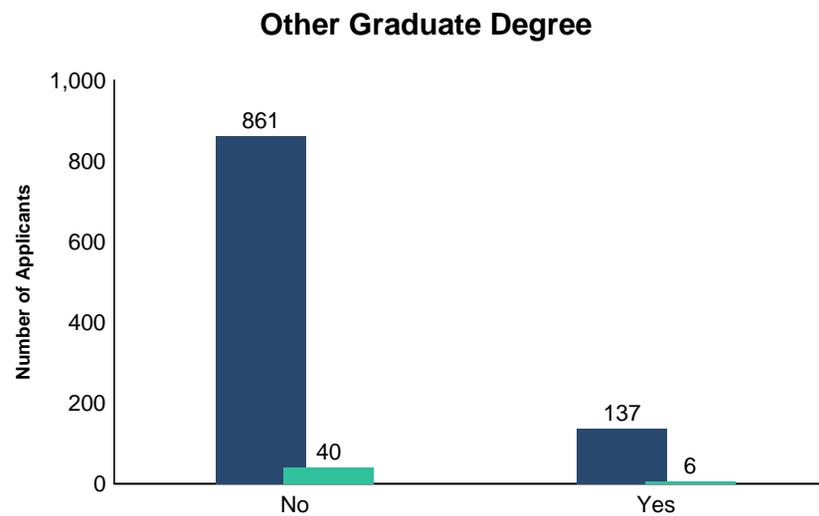
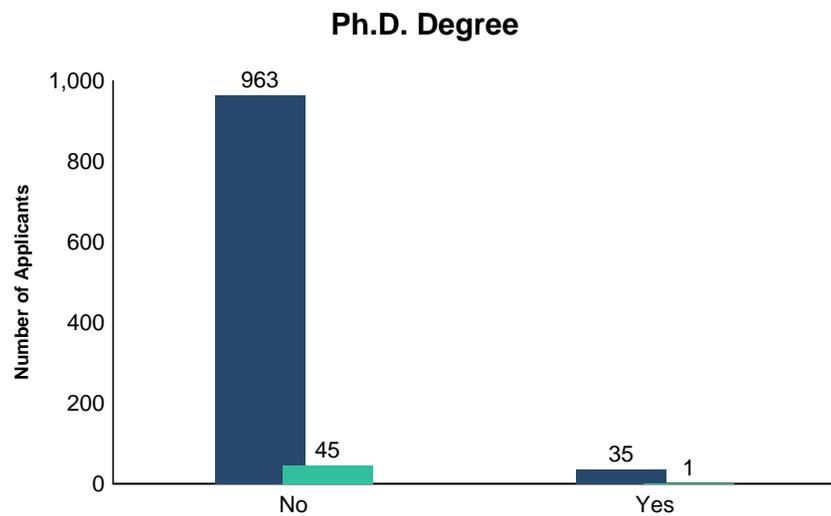
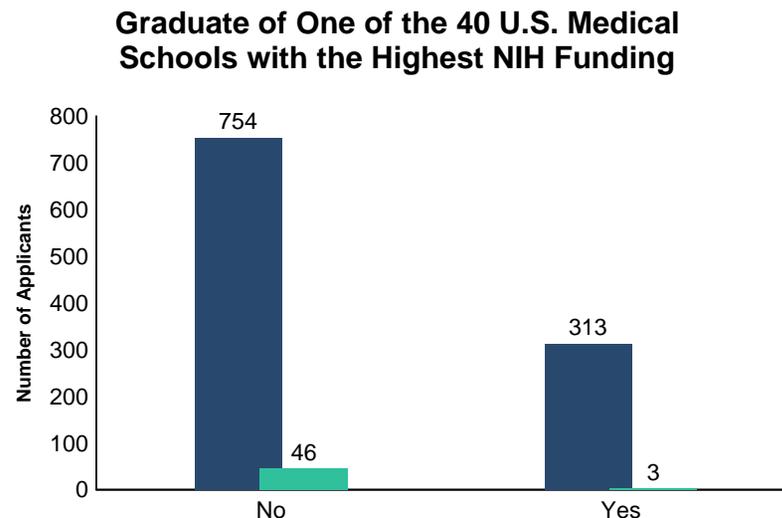
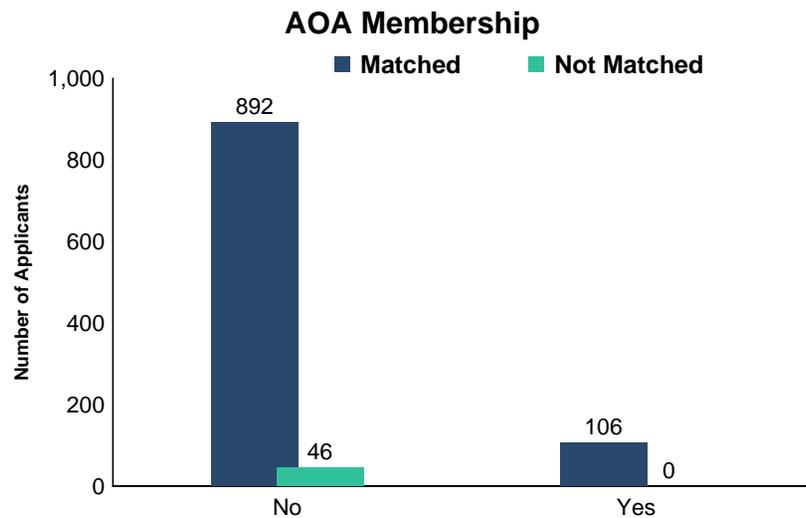
**Number of Volunteer Experiences
Anesthesiology**



Source: NRMP Data Warehouse

**Chart
AN-9**

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



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

CN Child Neurology

Table **Summary Statistics**
CN-1 **Child Neurology**

Measure	U.S. Seniors		Independent Applicants	
	Matched (n=76)	Unmatched (n=8)	Matched (n=37)	Unmatched (n=30)
1. Mean number of contiguous ranks	9.3	5.6	5.0	1.9
2. Mean number of distinct specialties ranked	1.3	1.8	1.6	2.5
3. Mean USMLE Step 1 score	229	228	217	220
4. Mean USMLE Step 2 score	240	232	232	222
5. Mean number of research experiences	2.9	3.3	2.4	3.1
6. Mean number of abstracts, presentations, and publications	6.7	5.3	3.9	6.8
7. Mean number of work experiences	3.0	3.3	4.2	5.1
8. Mean number of volunteer experiences	7.8	6.6	4.1	4.1
9. Percentage who are AOA members	20.0	0.0	n/a	n/a
10. Percentage who graduated from one of the 40 U.S. medical schools with the highest NIH funding	43.4	37.5	n/a	n/a
11. Percentage who have Ph.D. degree	18.7	12.5	n/a	n/a
12. Percentage who have another graduate degree	8.0	0.0	n/a	n/a

n/a: The measure either does not apply to, applies to only a small percentage of, or no reliable data were available for independent applicants.

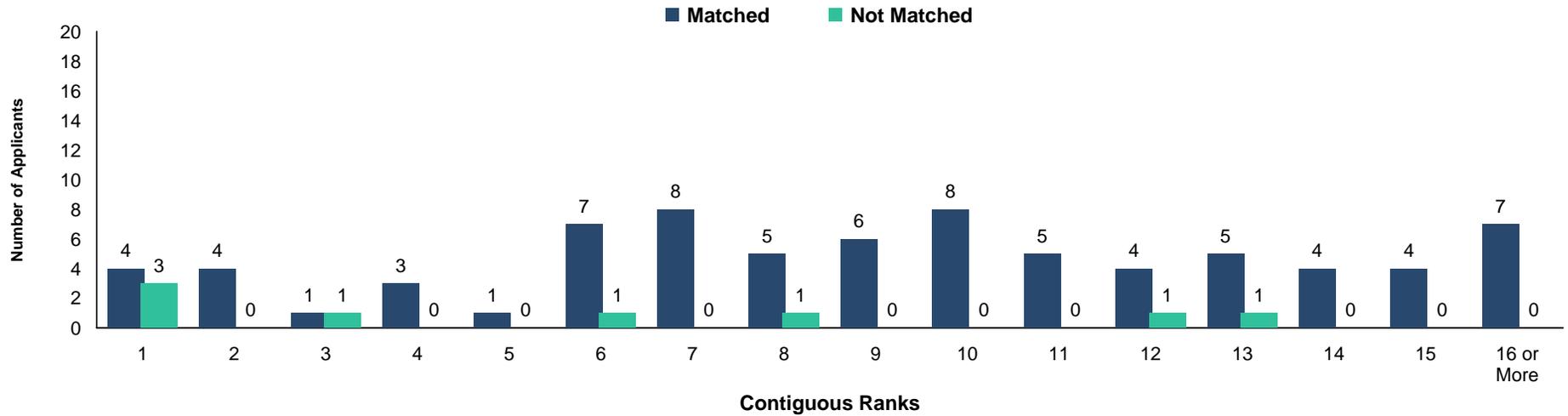
Sources. NRMP Data Warehouse; Top 40 U.S. medical schools with the highest NIH funding in measure 10 is from the NIH website (<http://report.nih.gov/award/index.cfm>).

Note: Measures 3-9 and 11-12 included only applicants who gave consent to use their information in research. USMLE Step scores are not available for most osteopathic medical school students and graduates included in the independent applicant group.

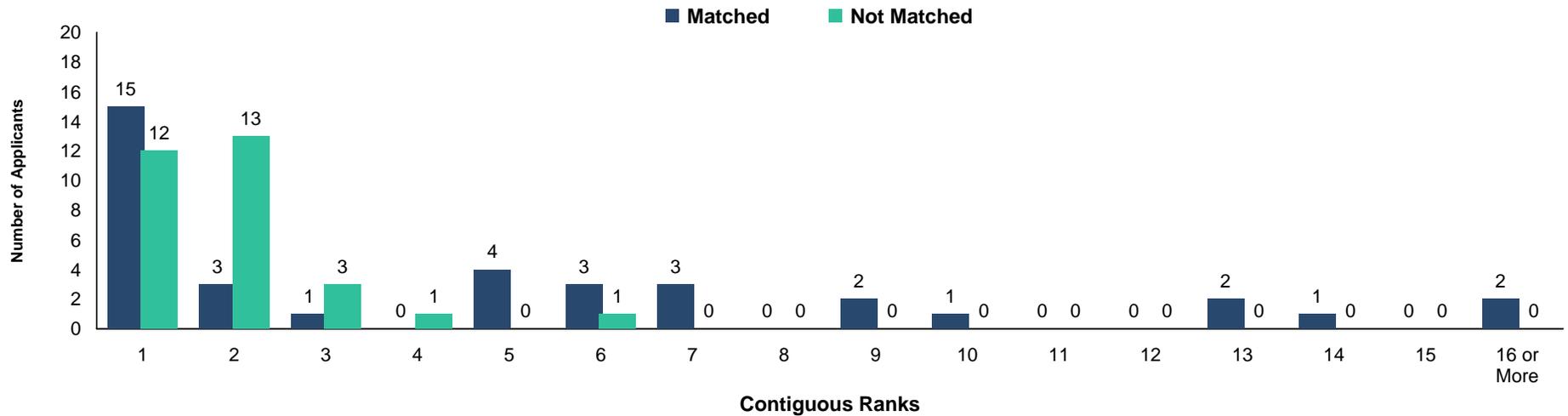
**Chart
CN-1**

**Number of Contiguous Ranks Within Preferred Specialty
Child Neurology**

U.S. Seniors

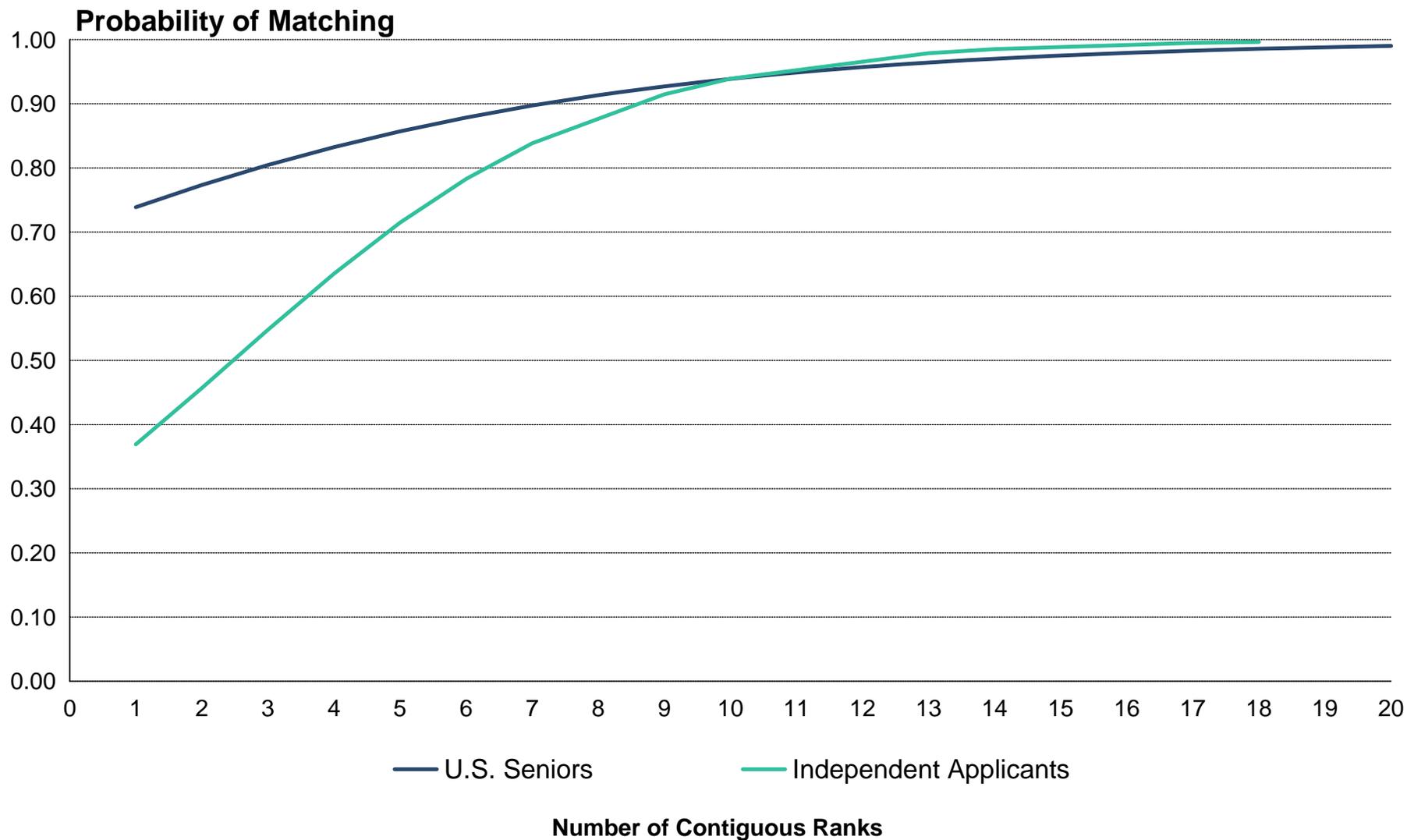


Independent Applicants



Source: NRMP Data Warehouse

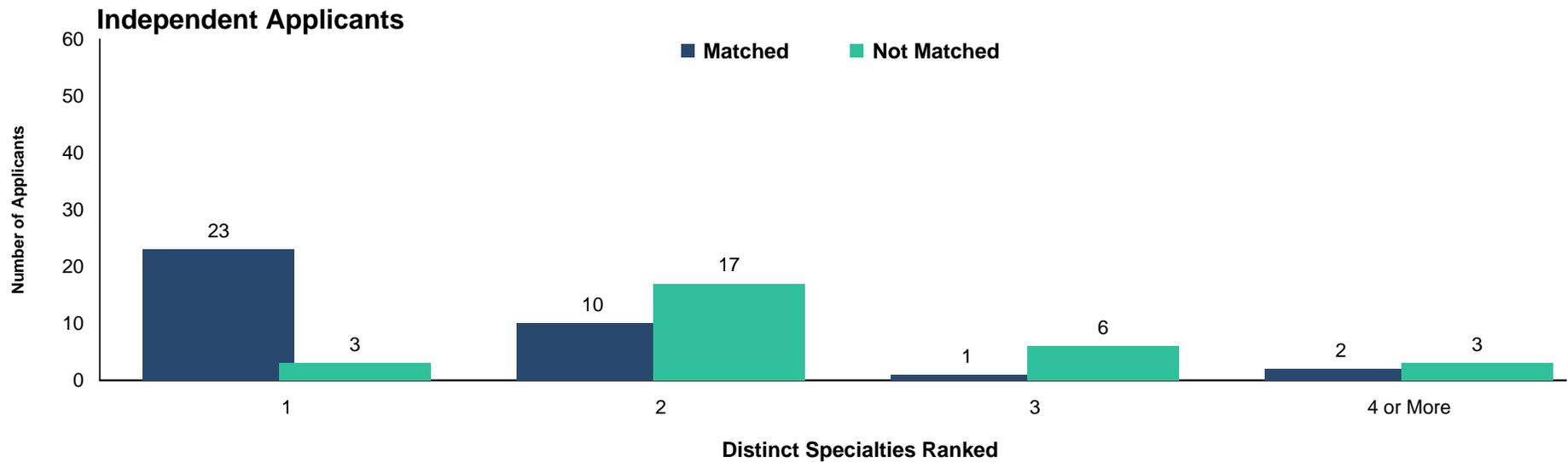
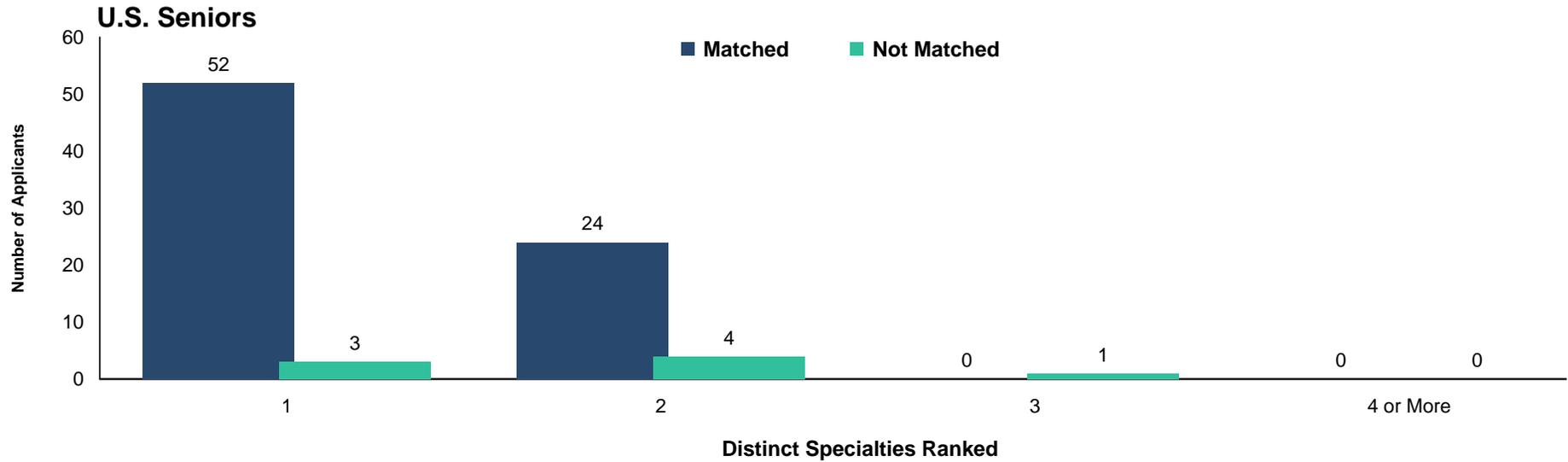
Probability of Matching to Preferred Specialty by Number of Contiguous Ranks
Child Neurology



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2014 applicants only

**Chart
CN-2**

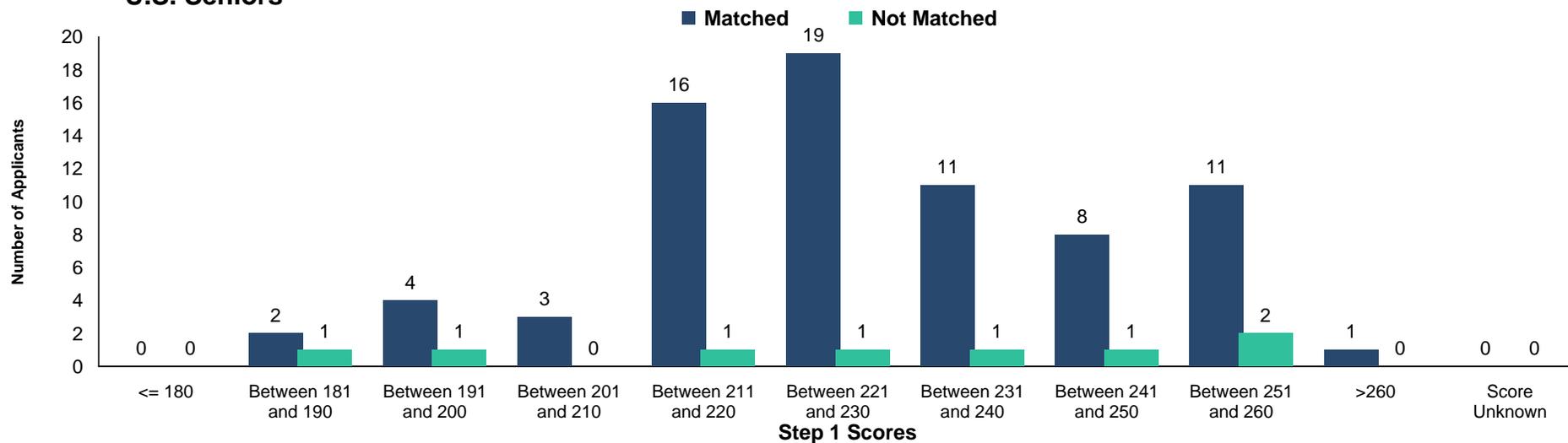
**Number of Distinct Specialties Ranked
Child Neurology**



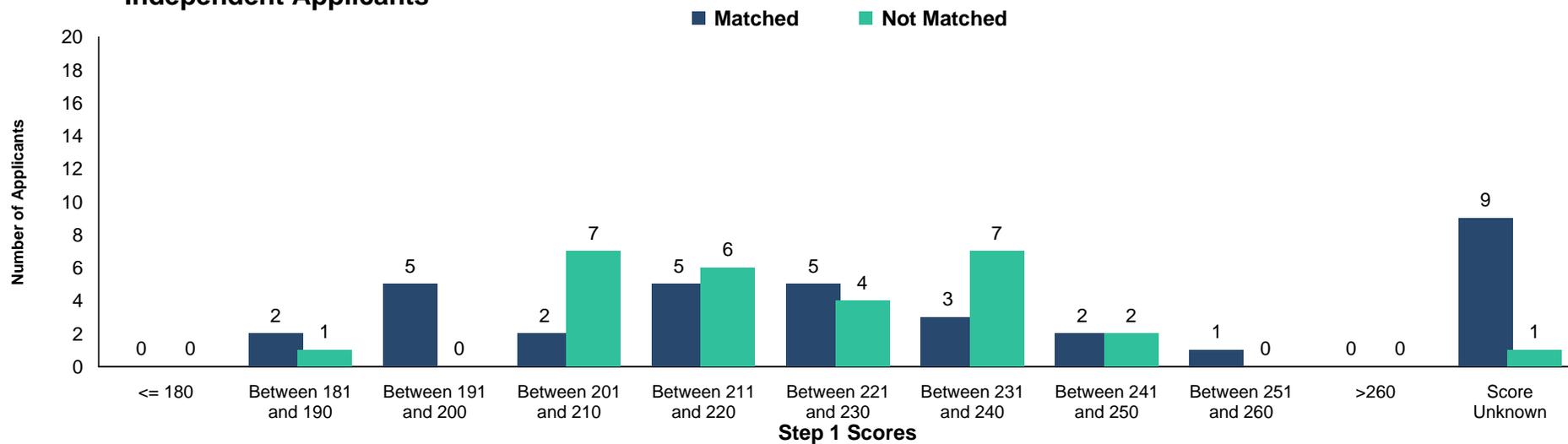
Source: NRMP Data Warehouse

**USMLE Step 1 Scores
Child Neurology**

U.S. Seniors



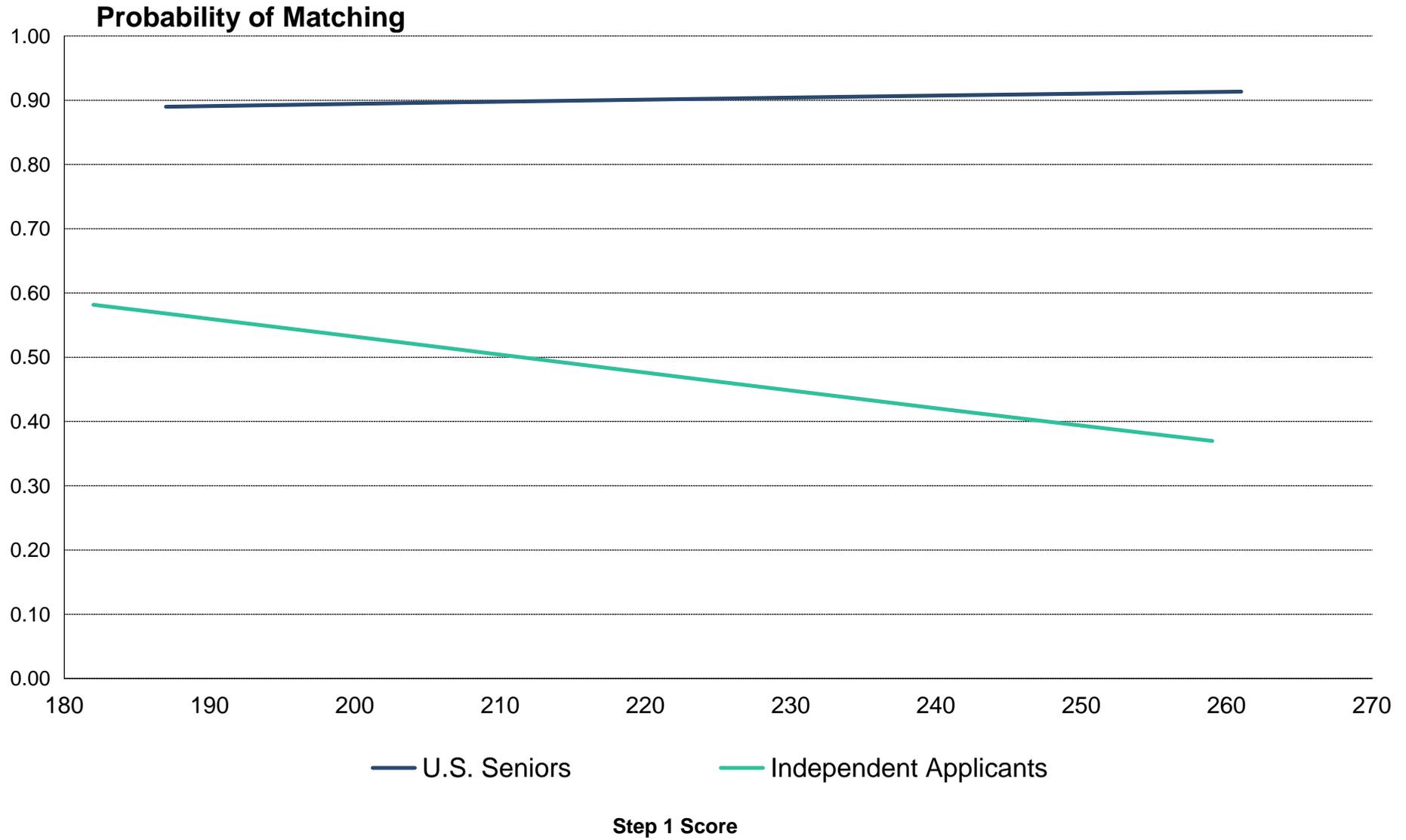
Independent Applicants



Source: NRMP Data Warehouse

**Graph
CN-2**

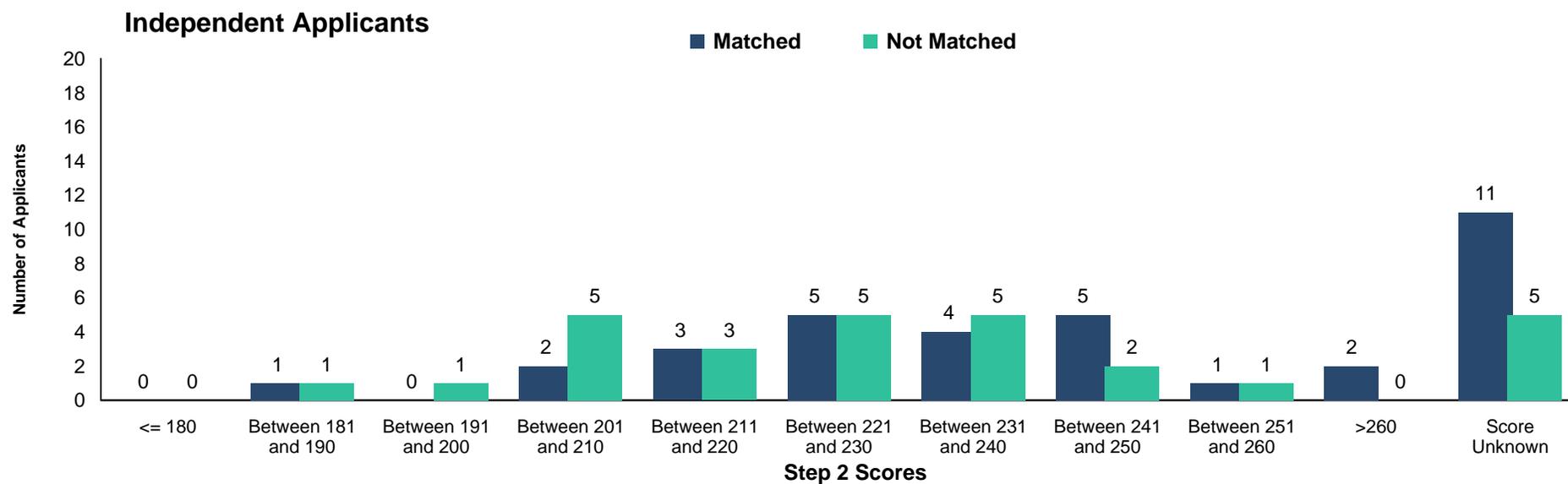
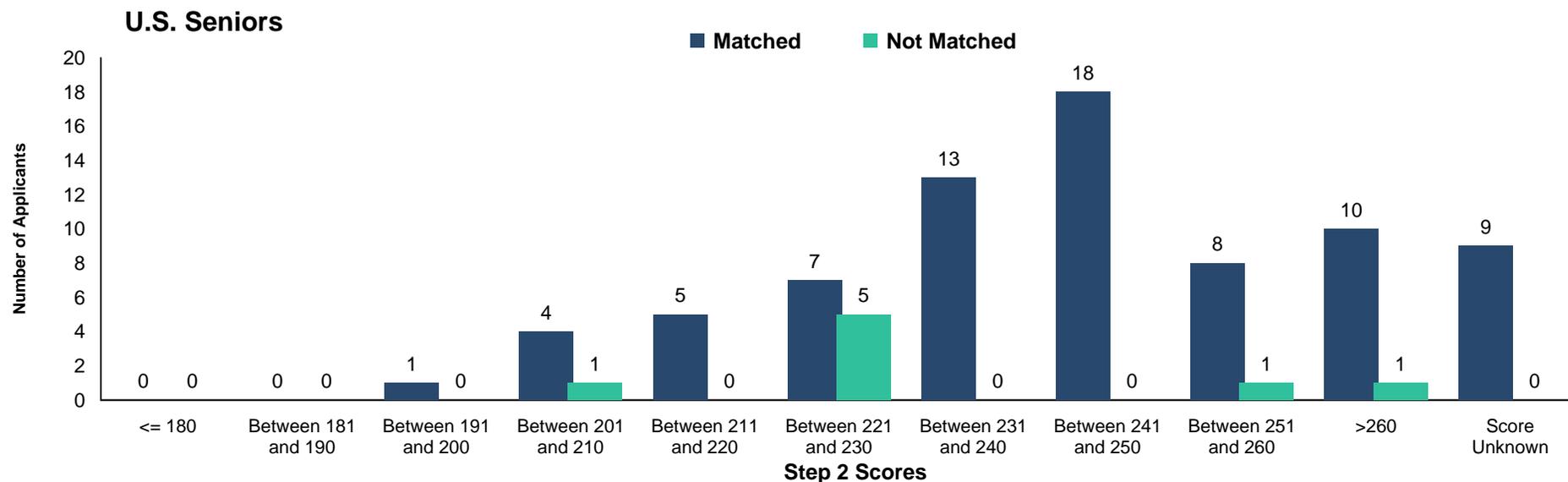
Probability of Matching to Preferred Specialty by USMLE Step 1 Score
Child Neurology



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2014 applicants only.

**Chart
CN-4**

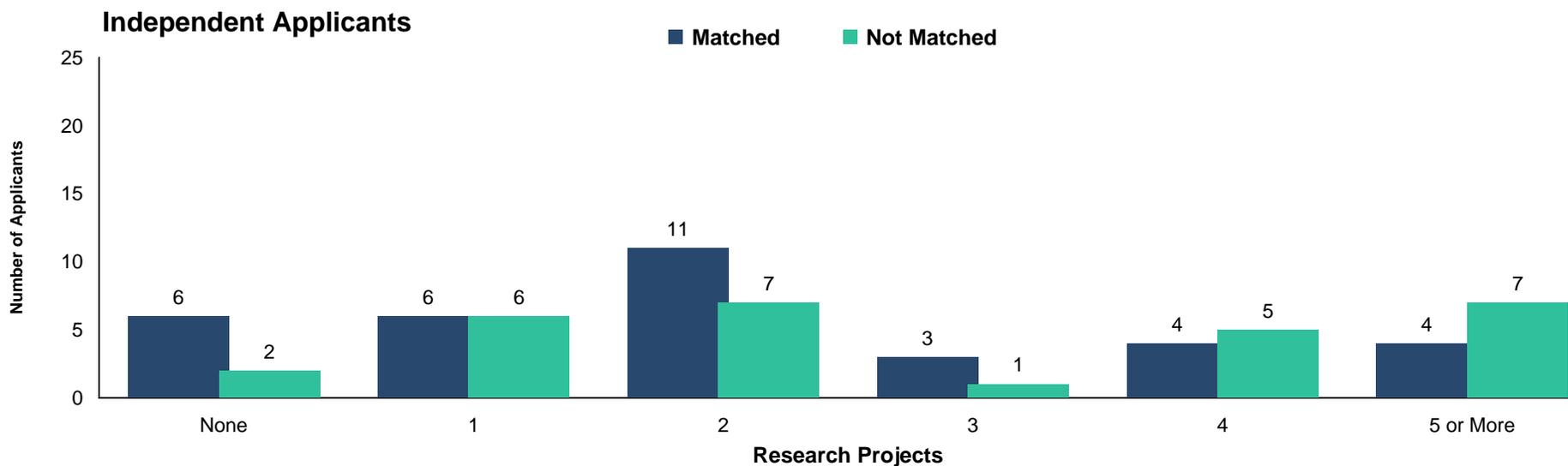
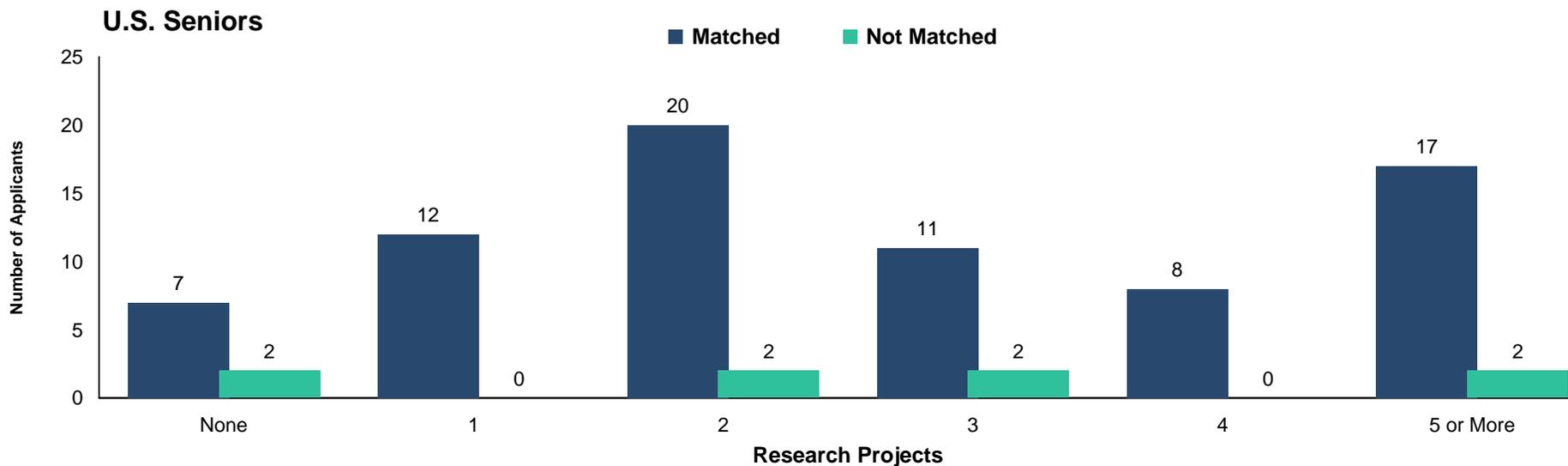
**USMLE Step 2 Scores
Child Neurology**



Source: NRMP Data Warehouse

**Chart
CN-5**

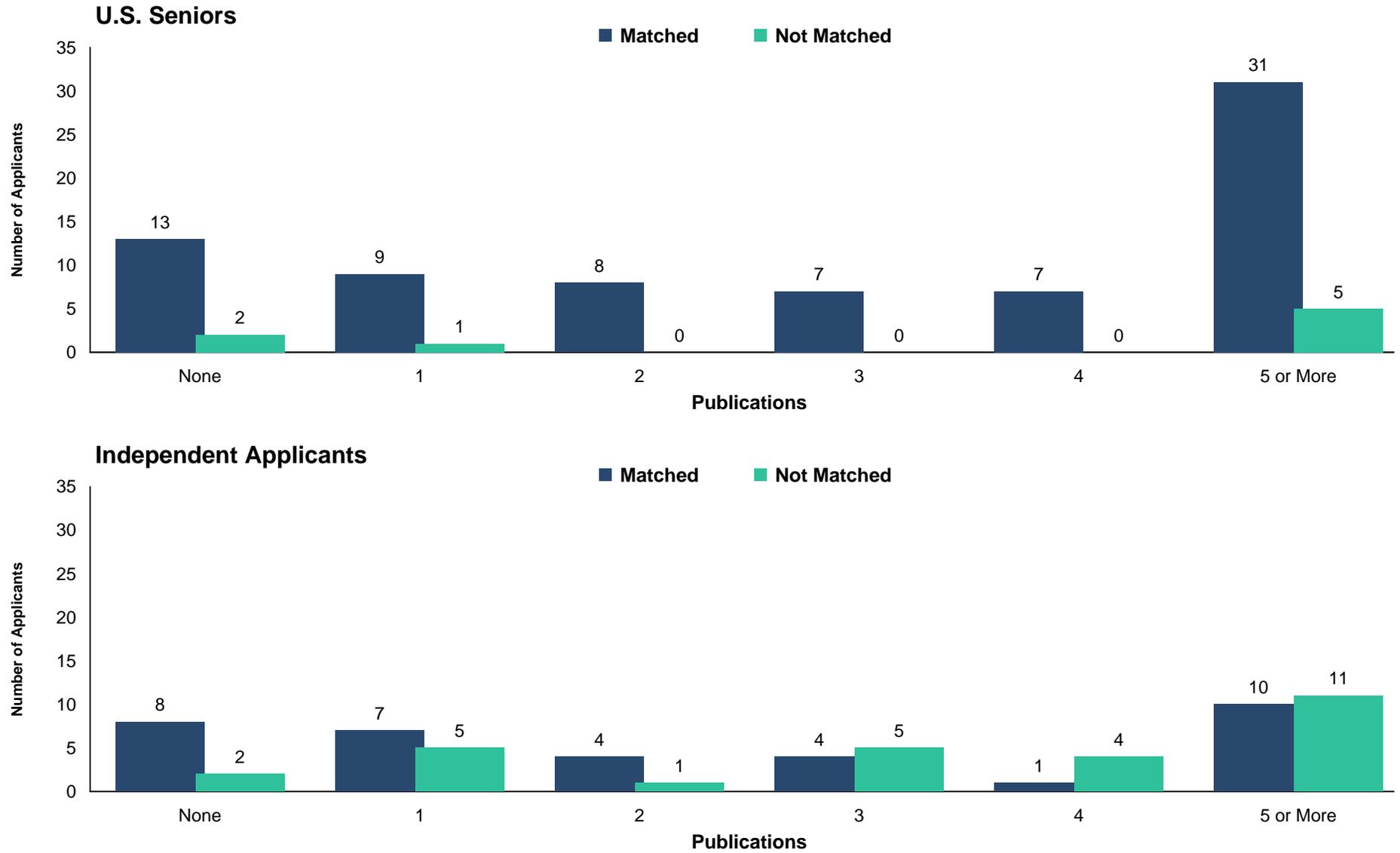
**Number of Research Projects
Child Neurology**



Source: NRMP Data Warehouse

**Chart
CN-6**

**Number of Abstracts, Presentations, and Publications
Child Neurology**

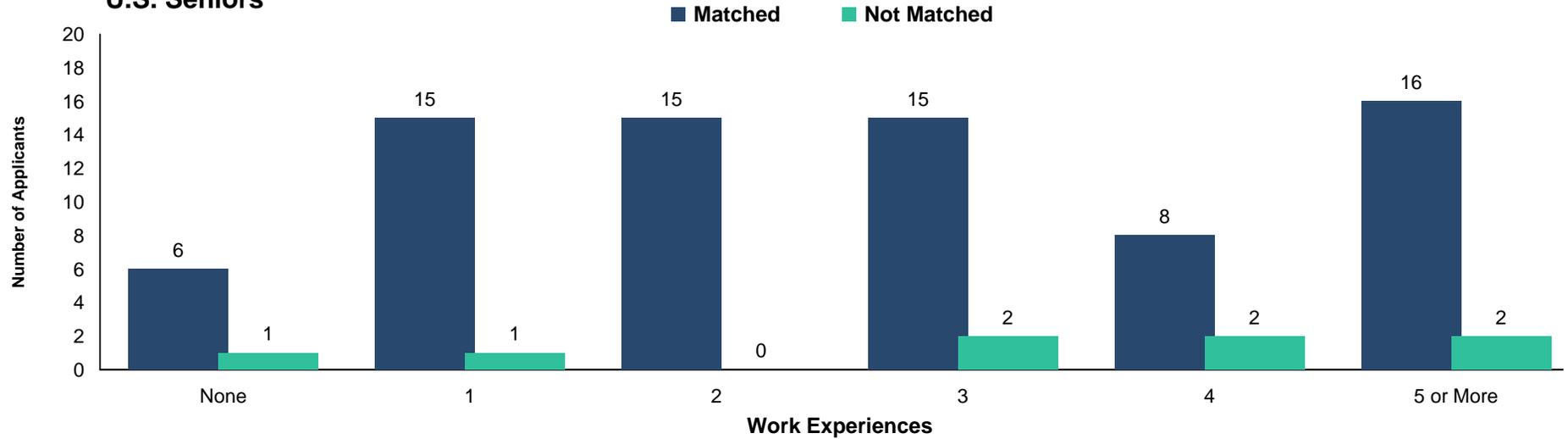


Source: NRMP Data Warehouse

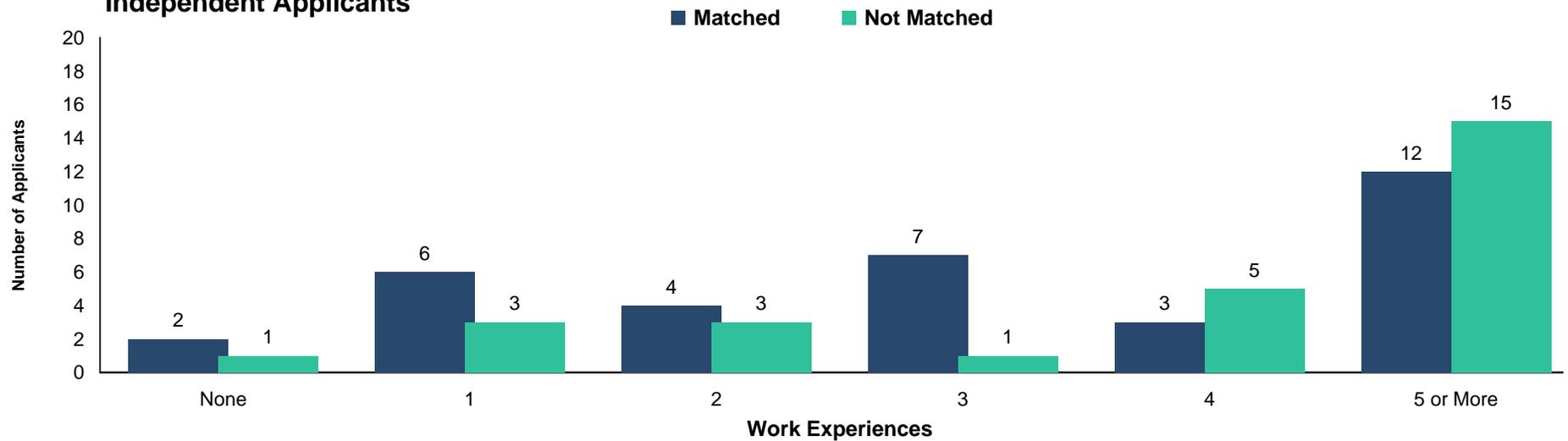
**Chart
CN-7**

**Number of Work Experiences
Child Neurology**

U.S. Seniors



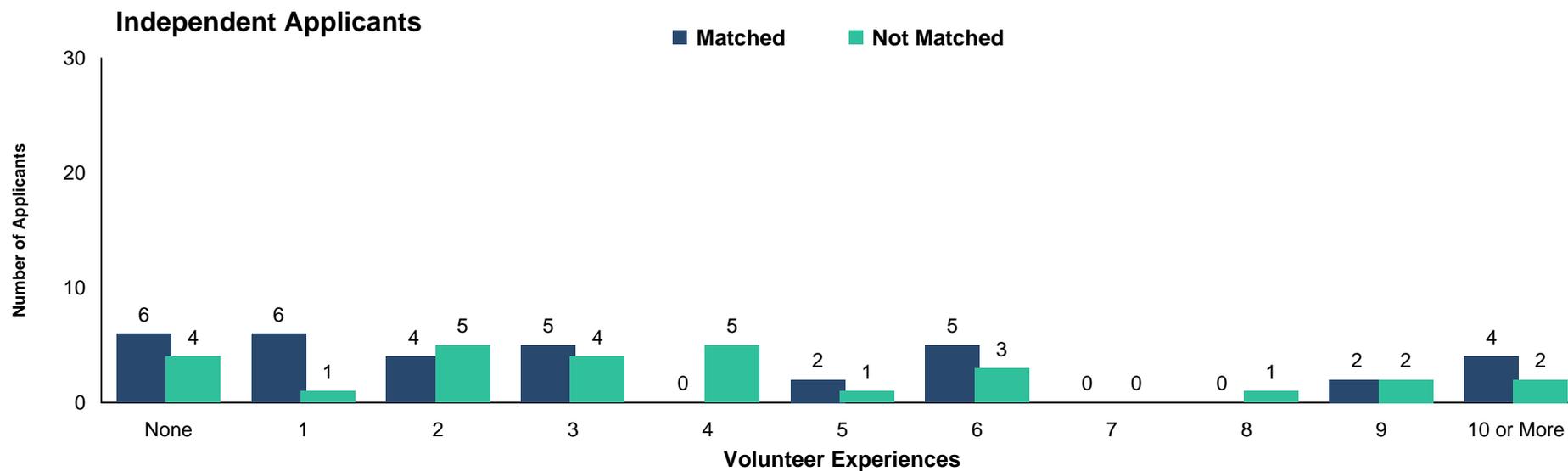
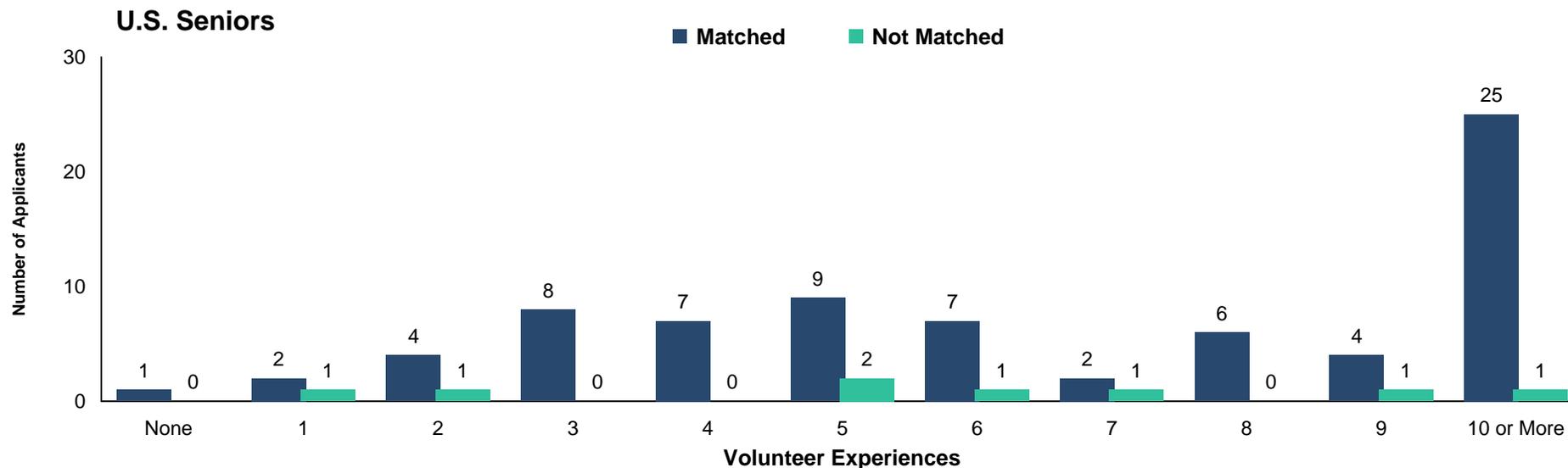
Independent Applicants



Source: NRMP Data Warehouse

**Chart
CN-8**

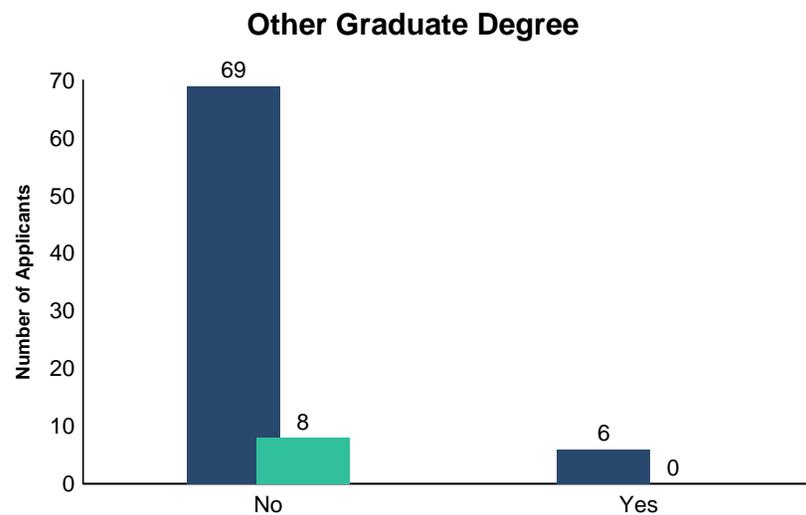
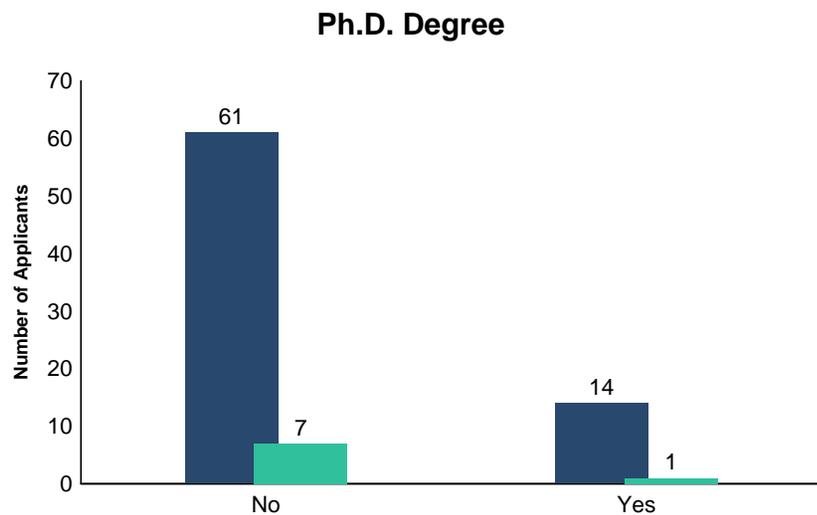
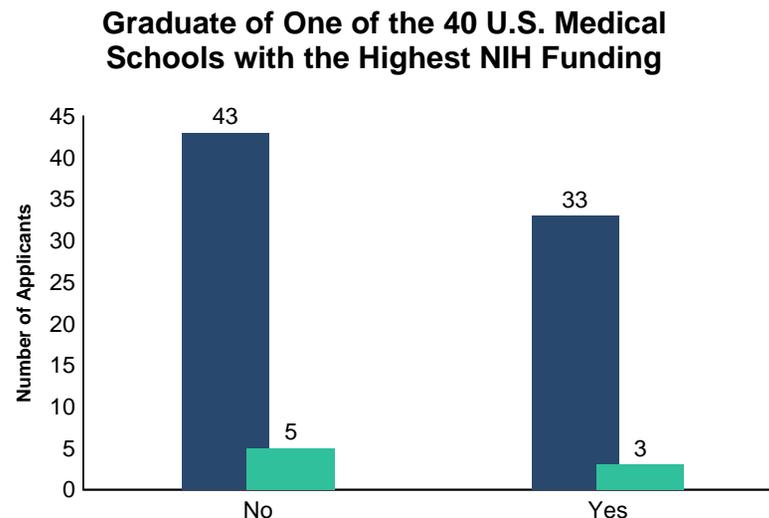
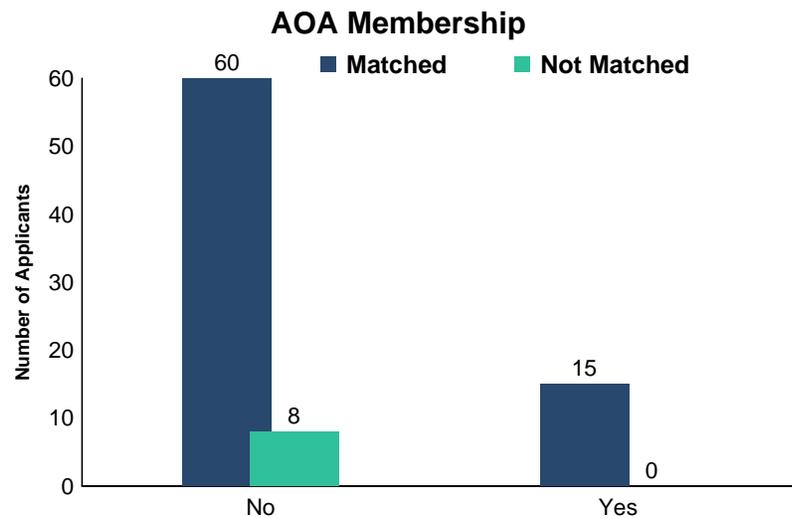
**Number of Volunteer Experiences
Child Neurology**



Source: NRMP Data Warehouse

**Chart
CN-9**

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



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

DM Dermatology

Table DM-1 **Summary Statistics**
Dermatology

Measure	U.S. Seniors		Independent Applicants	
	Matched (n=352)	Unmatched (n=111)	Matched (n=51)	Unmatched (n=79)
1. Mean number of contiguous ranks	8.9	3.8	4.7	3.1
2. Mean number of distinct specialties ranked	2.1	2.5	1.3	1.3
3. Mean USMLE Step 1 score	247	239	235	230
4. Mean USMLE Step 2 score	255	248	243	240
5. Mean number of research experiences	4.3	4.1	4.4	4.6
6. Mean number of abstracts, presentations, and publications	9.5	6.6	16.3	10.0
7. Mean number of work experiences	2.8	2.9	3.7	4.0
8. Mean number of volunteer experiences	8.6	8.7	6.3	7.2
9. Percentage who are AOA members	50.8	20.2	n/a	n/a
10. Percentage who graduated from one of the 40 U.S. medical schools with the highest NIH funding	40.3	28.8	n/a	n/a
11. Percentage who have Ph.D. degree	5.1	1.0	n/a	n/a
12. Percentage who have another graduate degree	14.1	12.5	n/a	n/a

n/a: The measure either does not apply to, applies to only a small percentage of, or no reliable data were available for independent applicants.

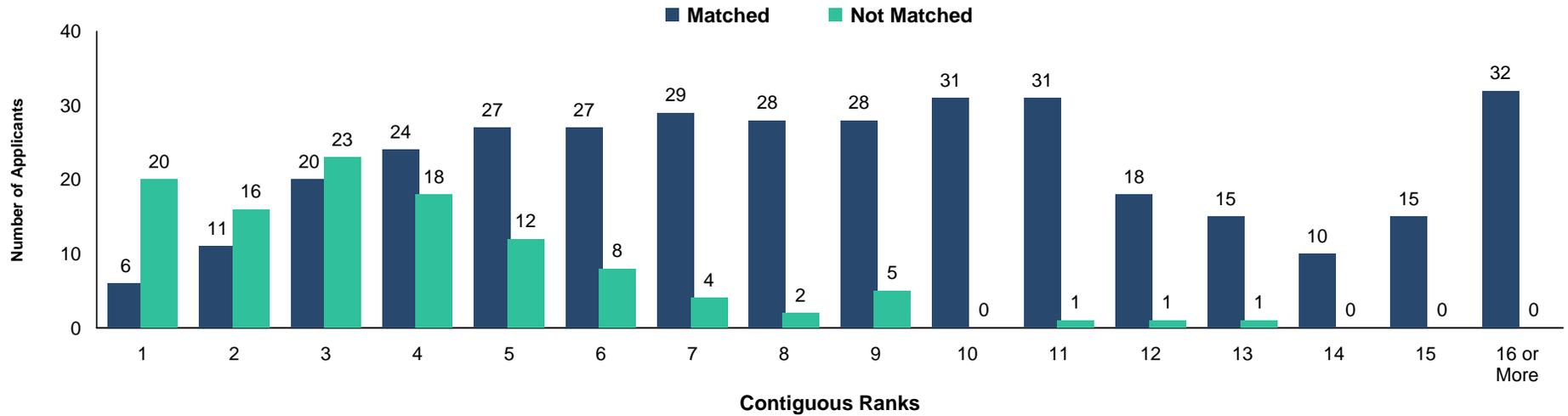
Sources. NRMP Data Warehouse; Top 40 U.S. medical schools with the highest NIH funding in measure 10 is from the NIH website (<http://report.nih.gov/award/index.cfm>).

Note: Measures 3-9 and 11-12 included only applicants who gave consent to use their information in research. USMLE Step scores are not available for most osteopathic medical school students and graduates included in the independent applicant group.

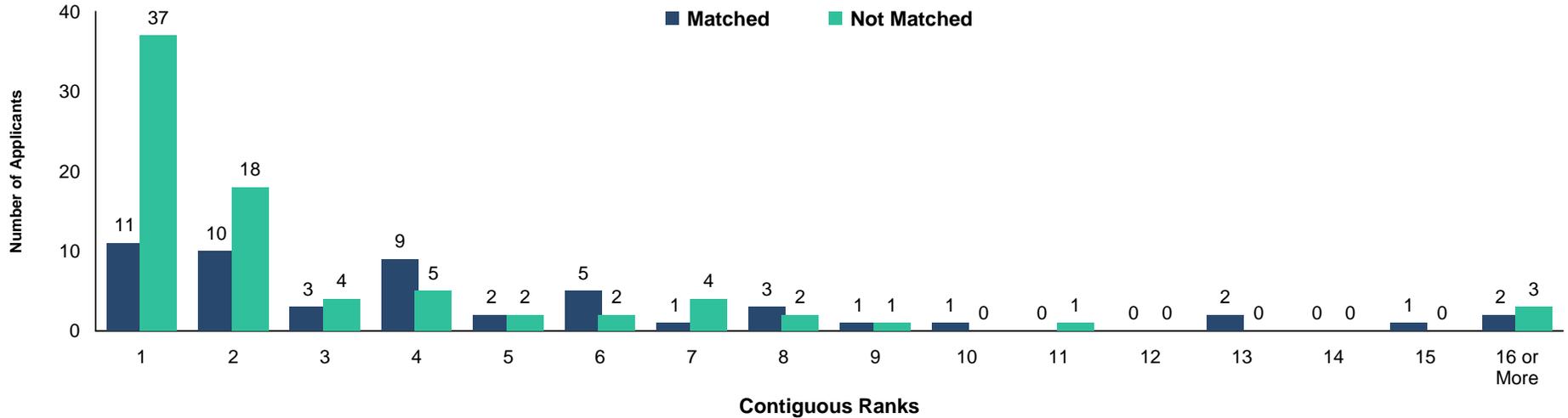
**Chart
DM-1**

**Number of Contiguous Ranks Within Preferred Specialty
Dermatology**

U.S. Seniors



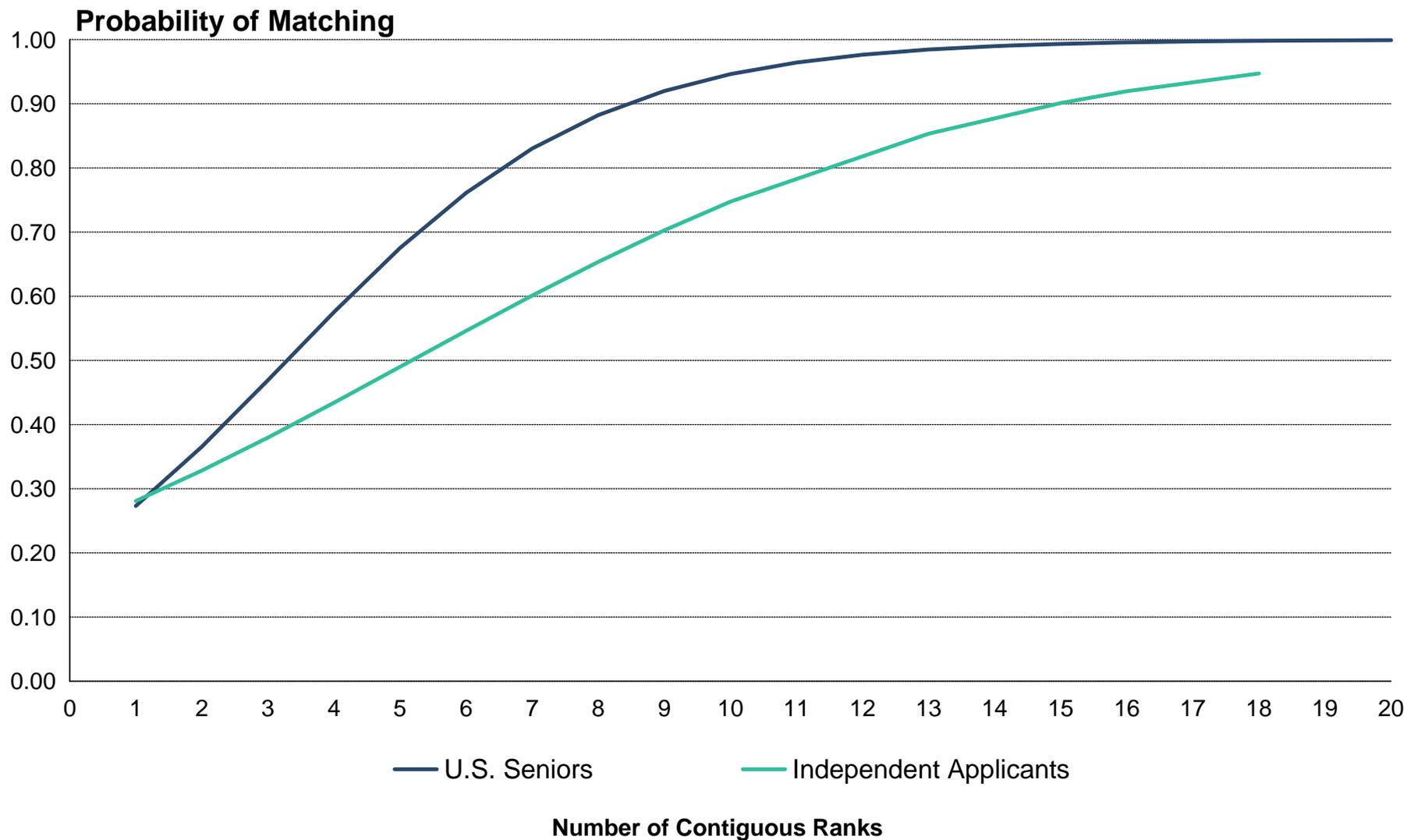
Independent Applicants



Source: NRMP Data Warehouse

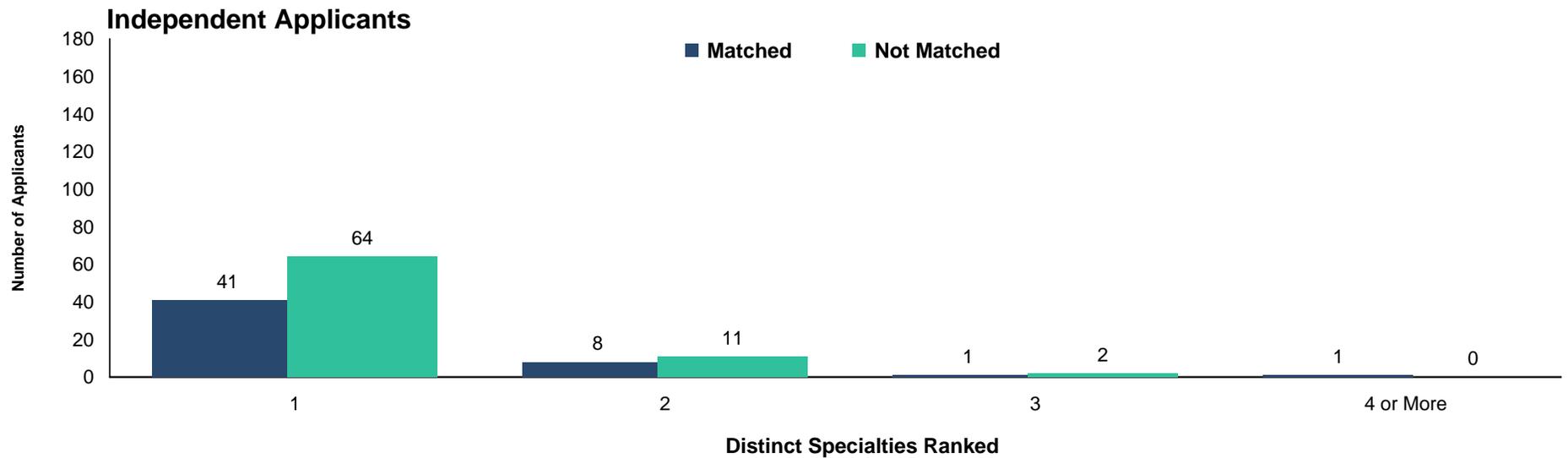
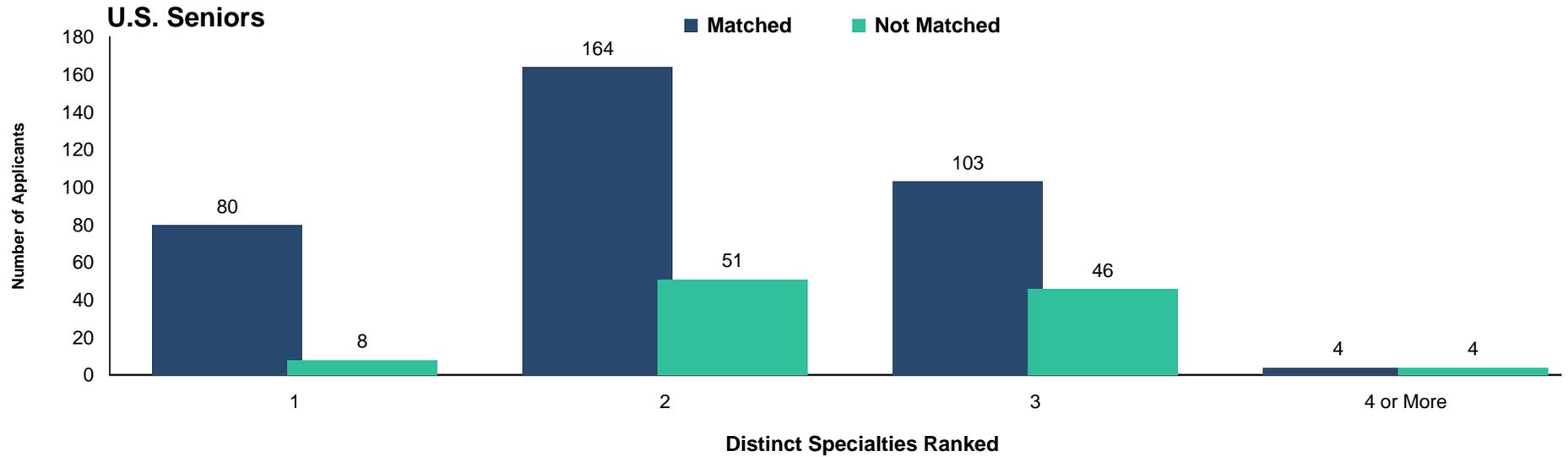
Probability of Matching to Preferred Specialty by Number of Contiguous Ranks

Dermatology



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2014 applicants only

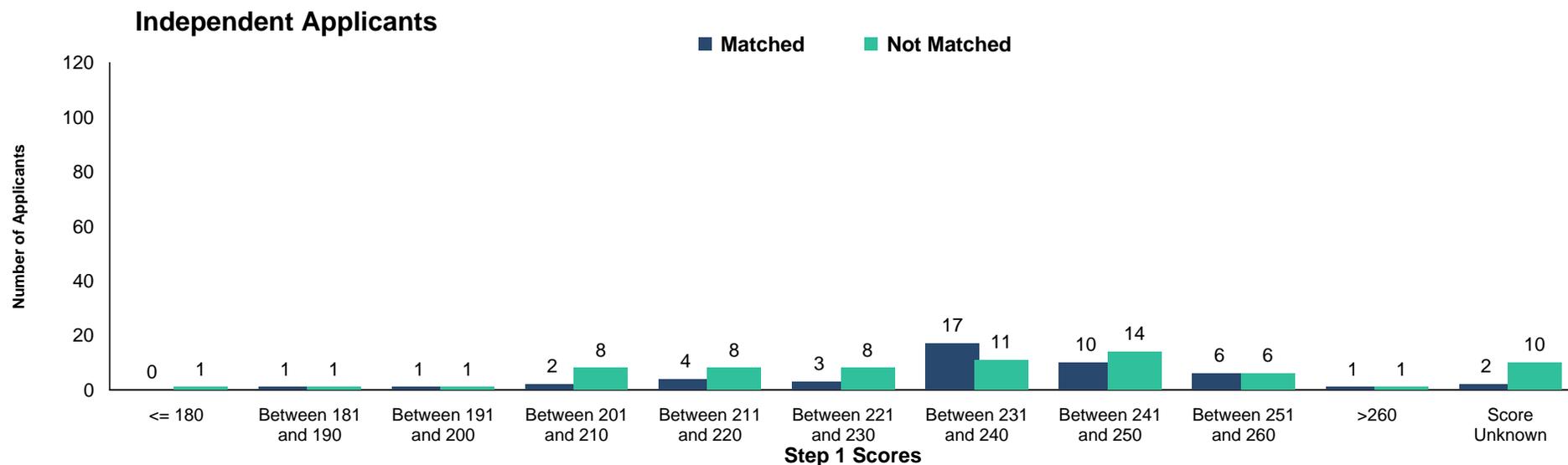
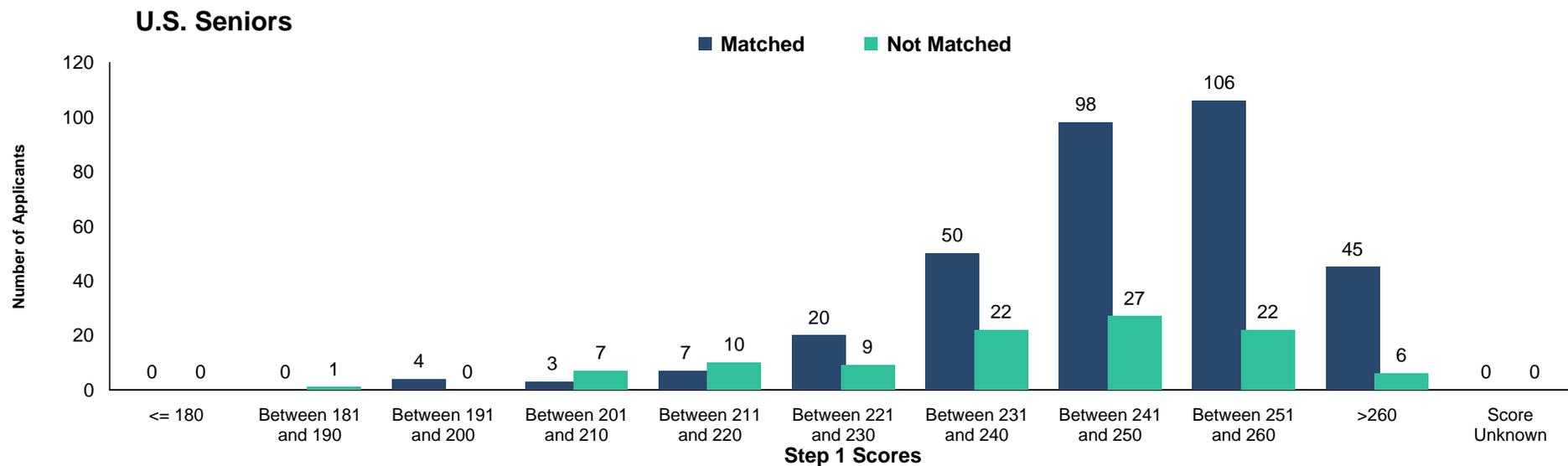
**Number of Distinct Specialties Ranked
Dermatology**



Source: NRMP Data Warehouse

**Chart
DM-3**

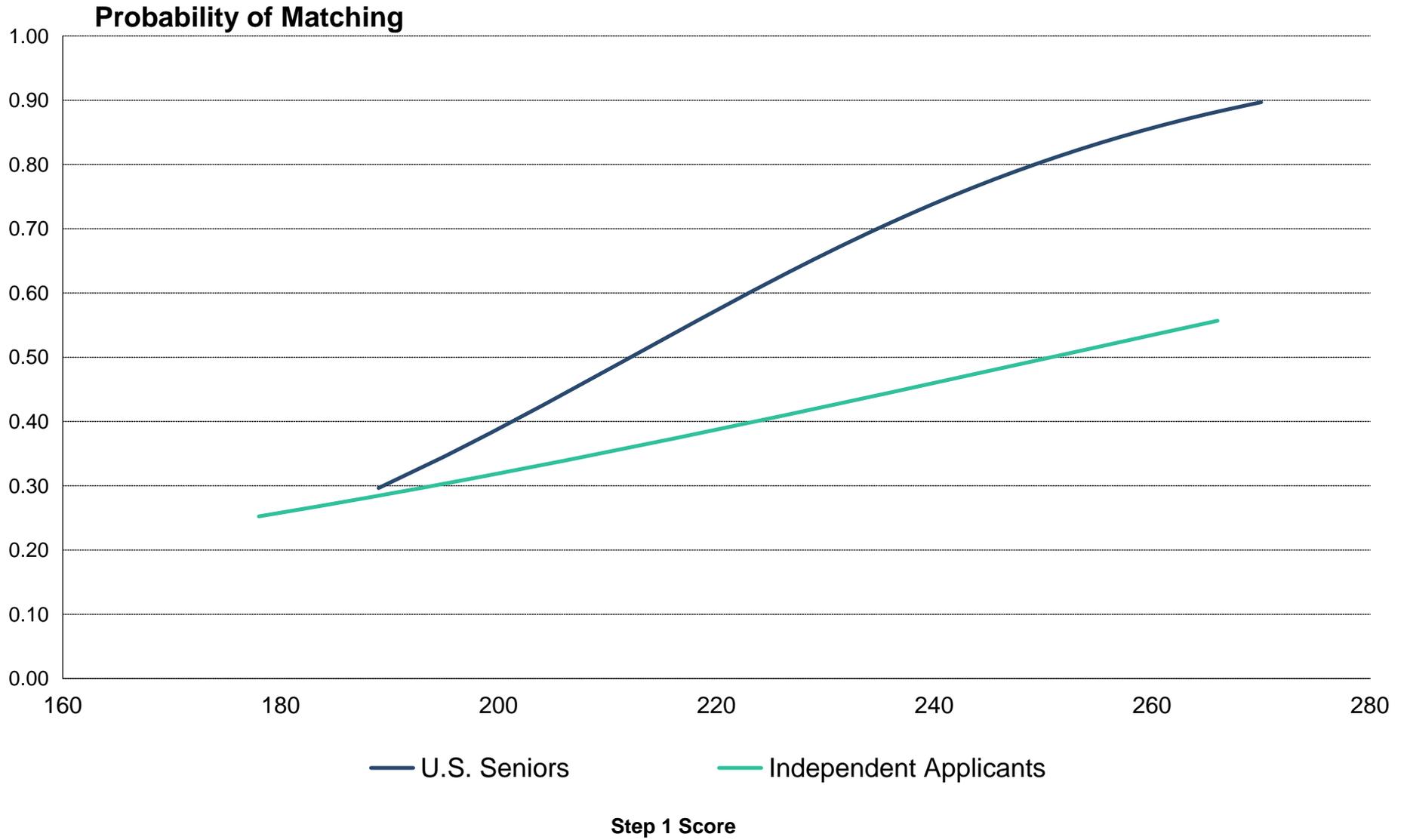
**USMLE Step 1 Scores
Dermatology**



Source: NRMP Data Warehouse

Probability of Matching to Preferred Specialty by USMLE Step 1 Score

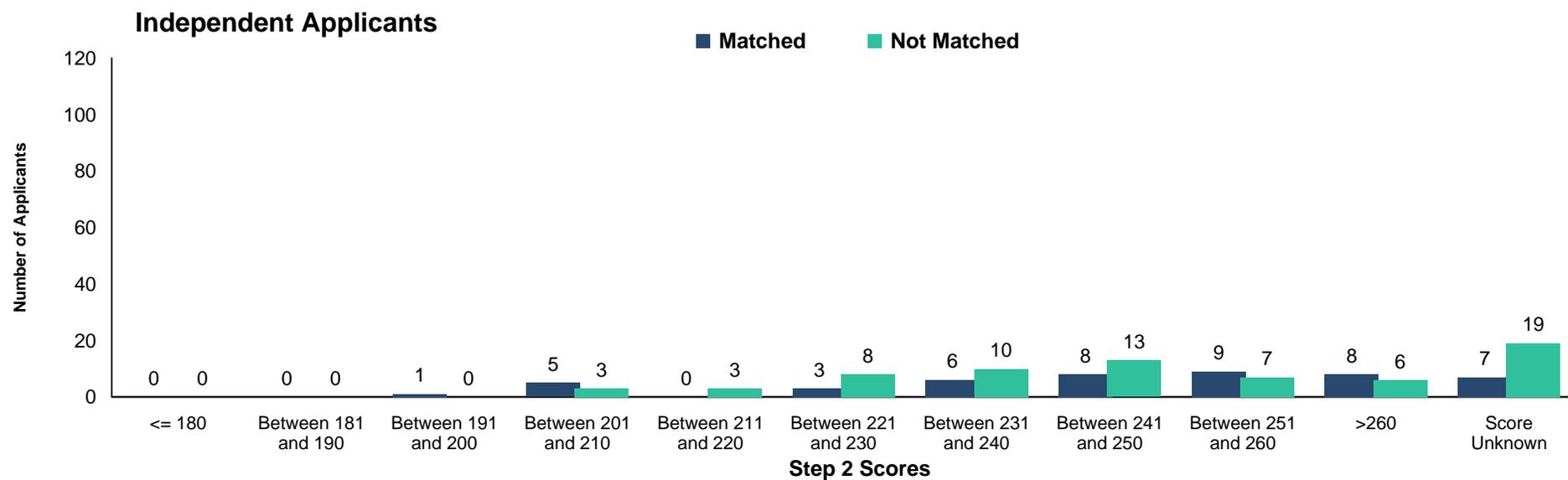
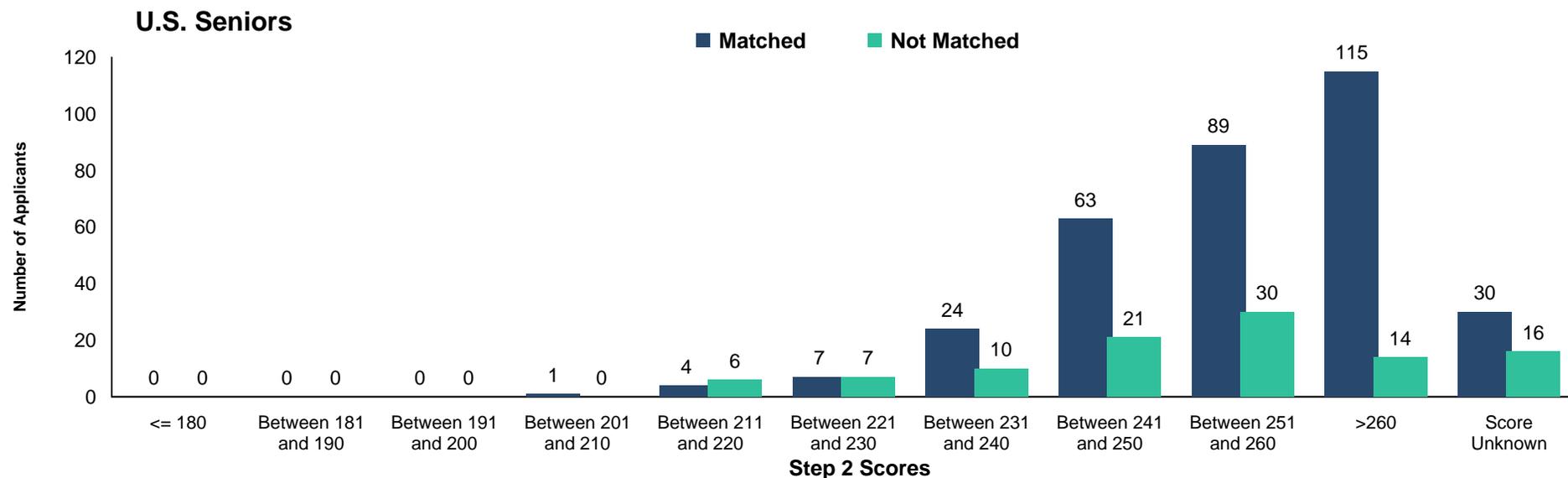
Dermatology



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2014 applicants only.

**Chart
DM-4**

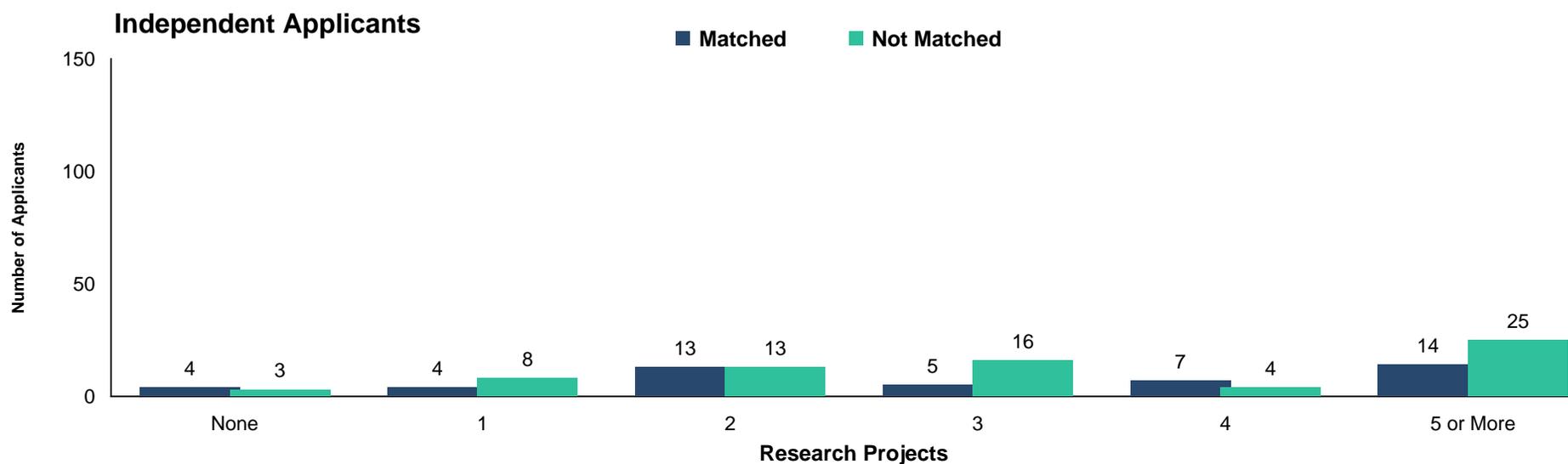
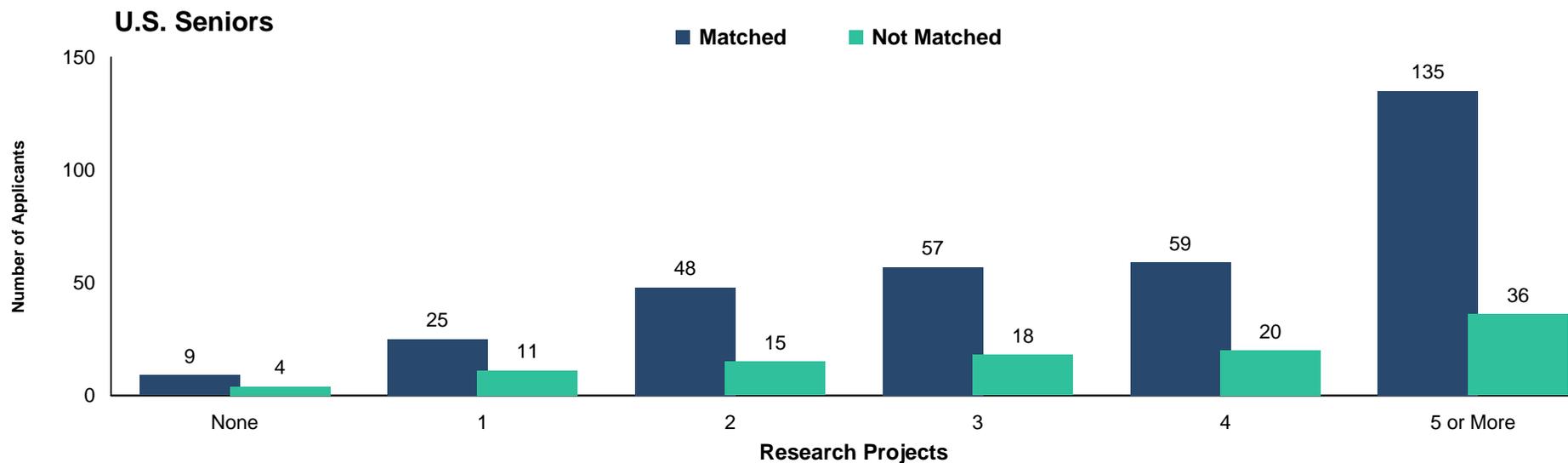
**USMLE Step 2 Scores
Dermatology**



Source: NRMP Data Warehouse

**Chart
DM-5**

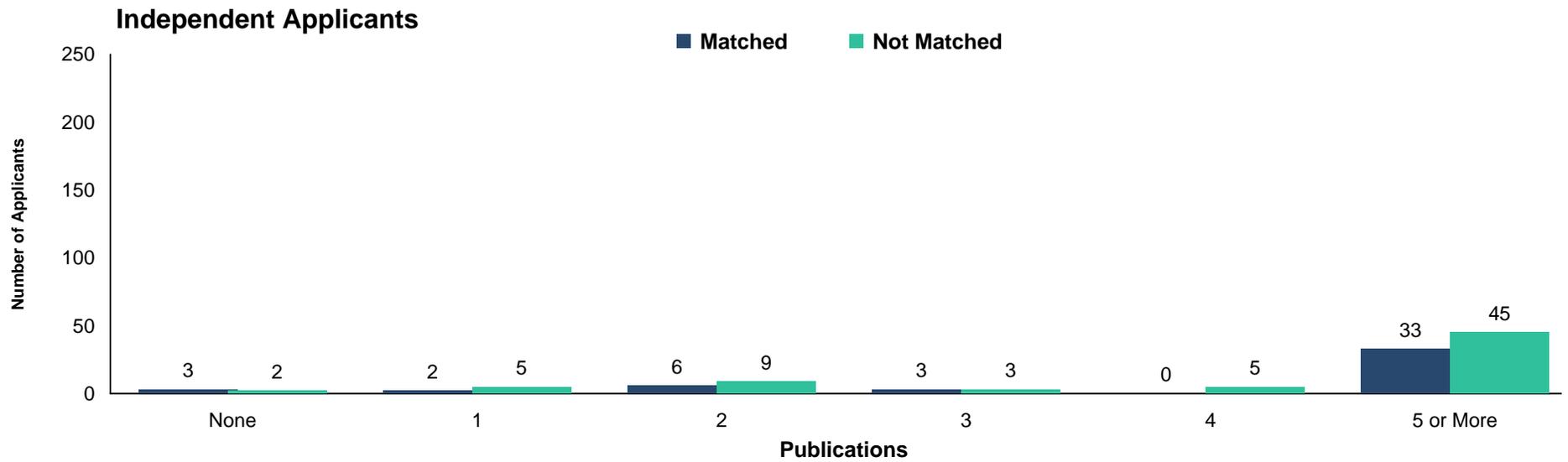
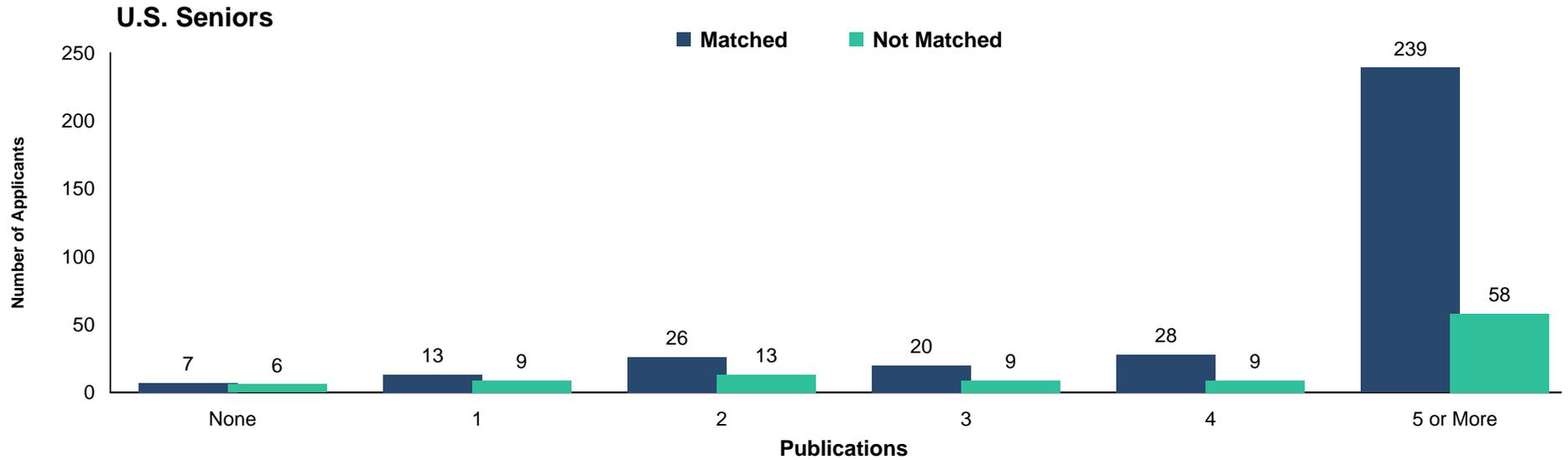
**Number of Research Projects
Dermatology**



Source: NRMP Data Warehouse

**Chart
DM-6**

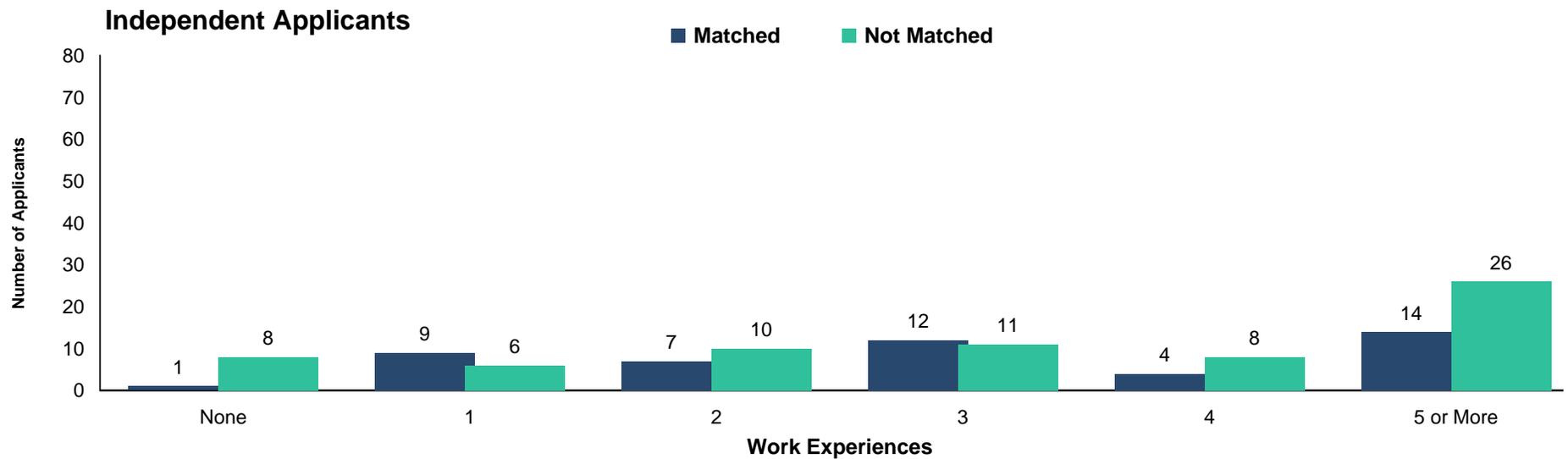
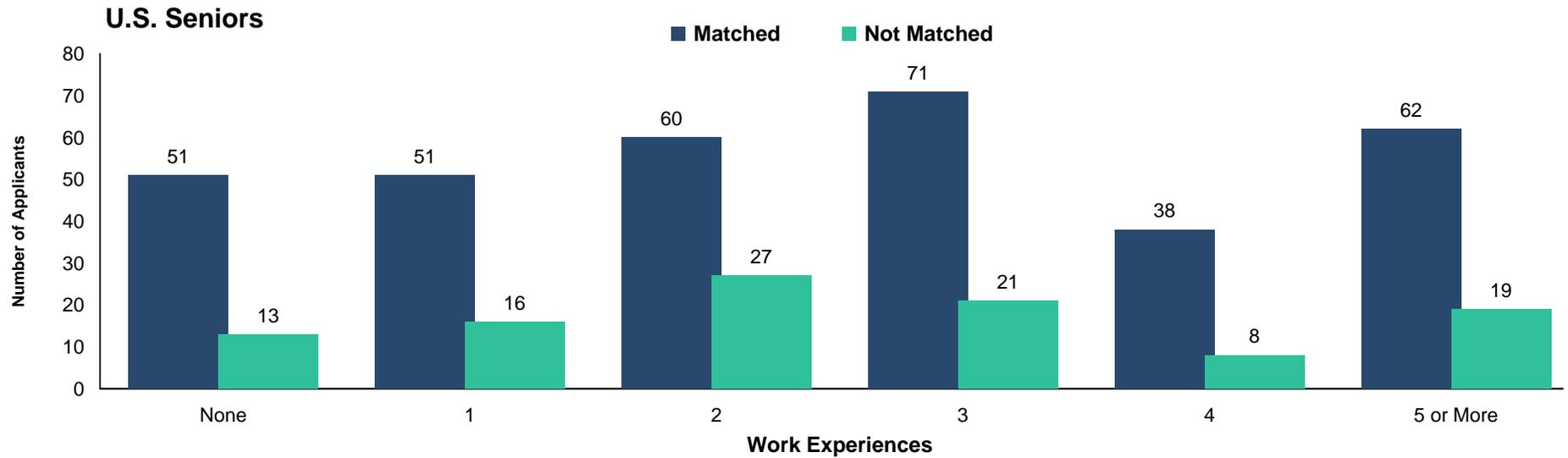
**Number of Abstracts, Presentations, and Publications
Dermatology**



Source: NRMP Data Warehouse

**Chart
DM-7**

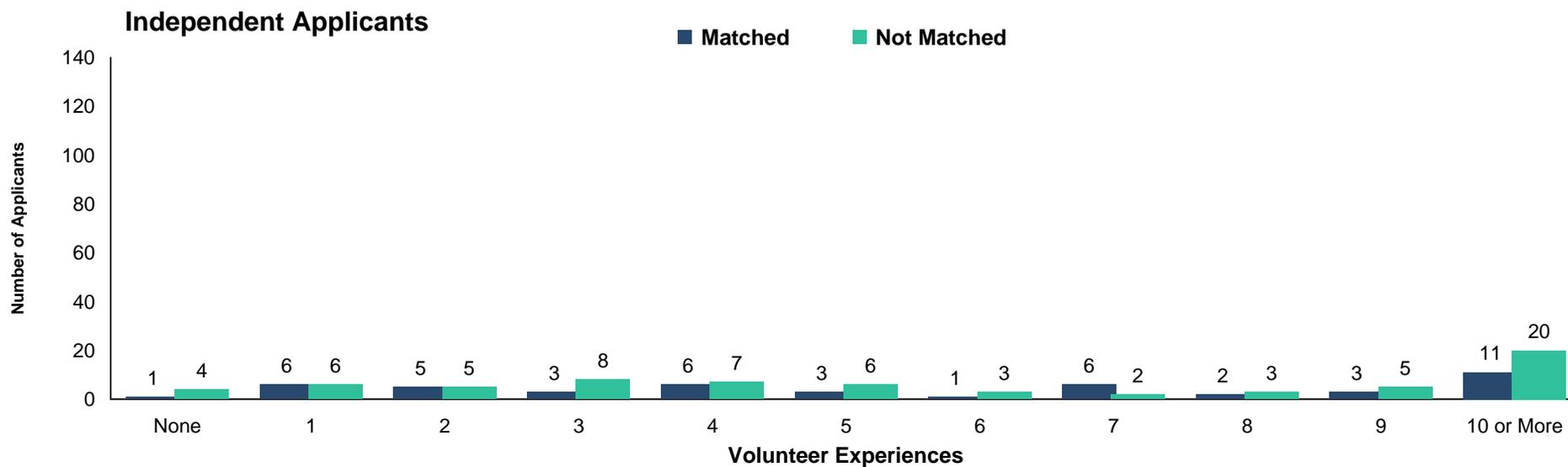
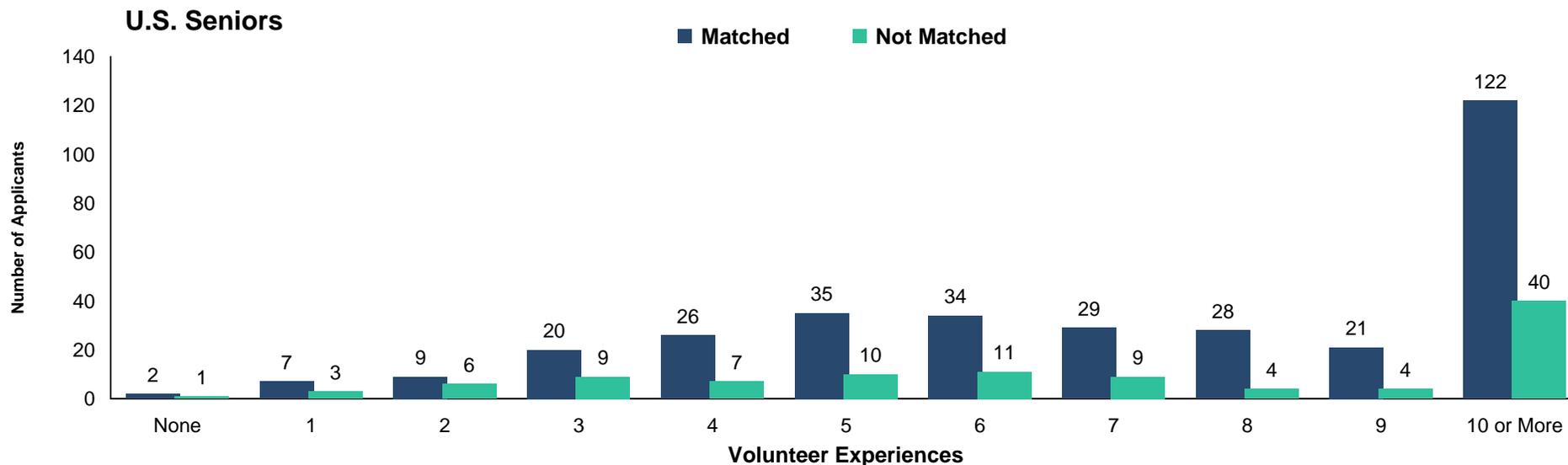
**Number of Work Experiences
Dermatology**



Source: NRMP Data Warehouse

**Chart
DM-8**

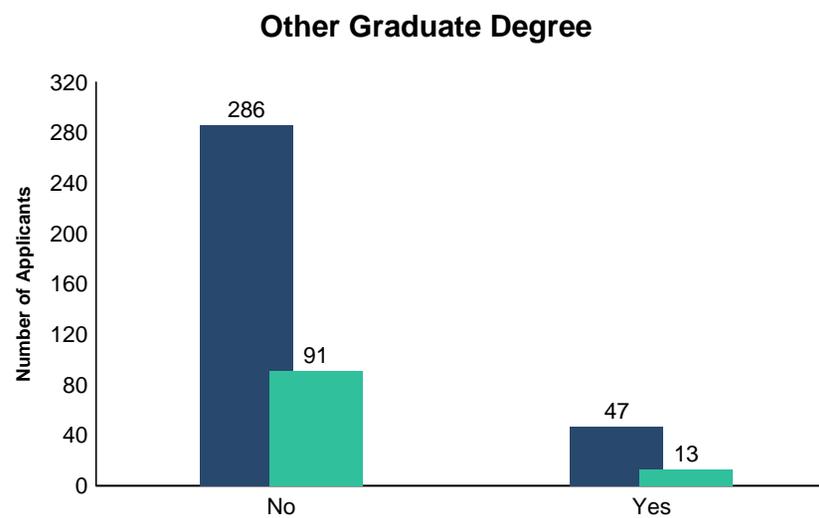
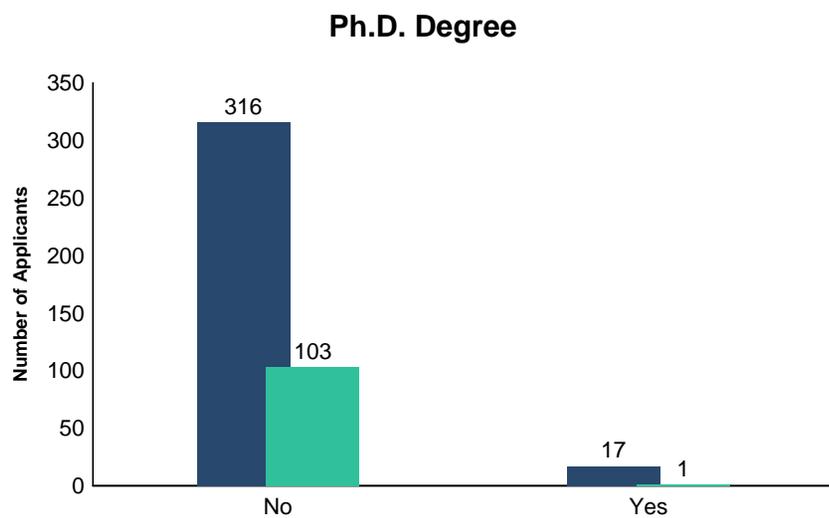
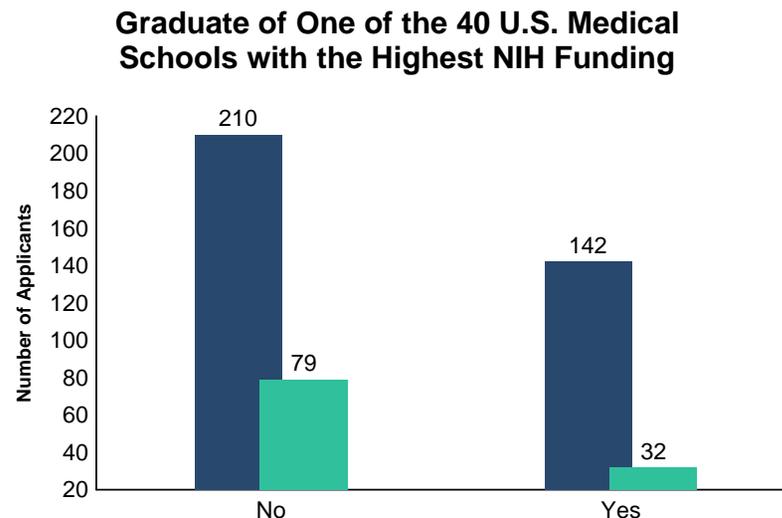
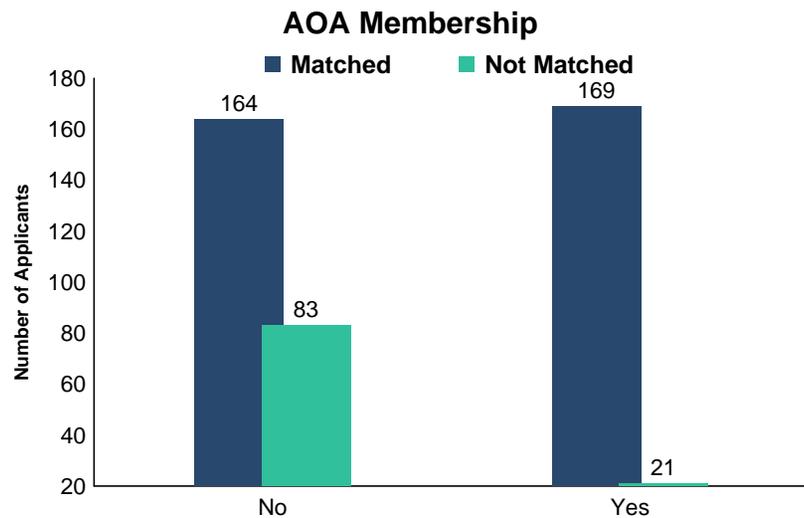
**Number of Volunteer Experiences
Dermatology**



Source: NRMP Data Warehouse

**Chart
DM-9**

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



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

DR Diagnostic Radiology

Table DR-1 **Summary Statistics**
Diagnostic Radiology

Measure	U.S. Seniors		Independent Applicants	
	Matched (n=768)	Unmatched (n=12)	Matched (n=311)	Unmatched (n=136)
1. Mean number of contiguous ranks	13.9	4.8	8.1	3.0
2. Mean number of distinct specialties ranked	1.5	1.8	1.6	1.9
3. Mean USMLE Step 1 score	241	221	235	224
4. Mean USMLE Step 2 score	249	236	240	227
5. Mean number of research experiences	3.2	2.5	2.6	2.7
6. Mean number of abstracts, presentations, and publications	4.8	2.6	7.3	8.0
7. Mean number of work experiences	3.0	1.5	3.2	4.2
8. Mean number of volunteer experiences	6.3	5.4	4.2	3.2
9. Percentage who are AOA members	21.8	16.7	n/a	n/a
10. Percentage who graduated from one of the 40 U.S. medical schools with the highest NIH funding	27.9	0.0	n/a	n/a
11. Percentage who have Ph.D. degree	4.6	0.0	n/a	n/a
12. Percentage who have another graduate degree	14.6	16.7	n/a	n/a

n/a: The measure either does not apply to, applies to only a small percentage of, or no reliable data were available for independent applicants.

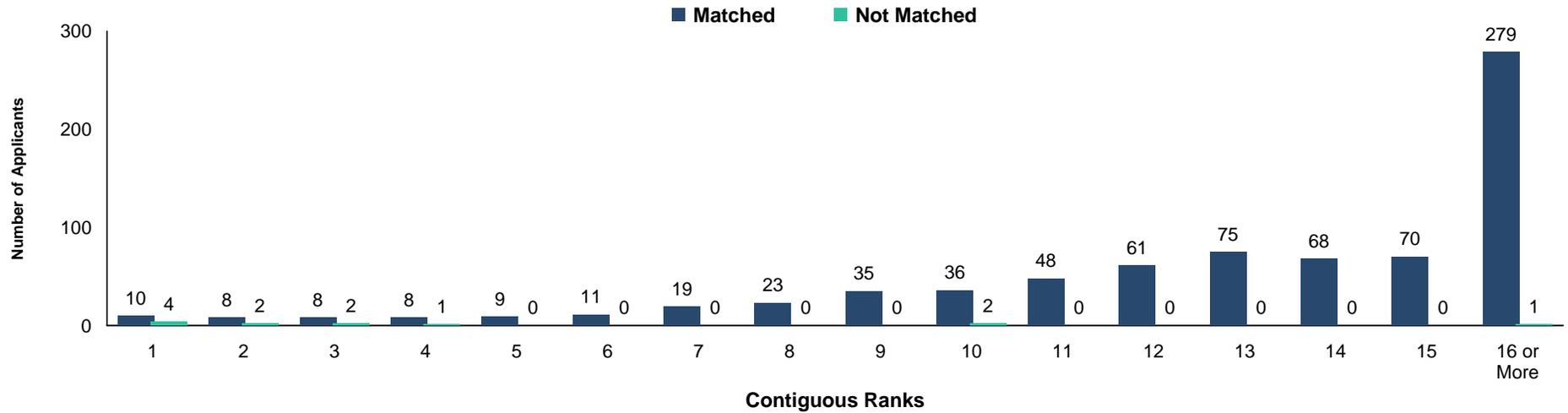
Sources. NRMP Data Warehouse; Top 40 U.S. medical schools with the highest NIH funding in measure 10 is from the NIH website (<http://report.nih.gov/award/index.cfm>).

Note: Measures 3-9 and 11-12 included only applicants who gave consent to use their information in research. USMLE Step scores are not available for most osteopathic medical school students and graduates included in the independent applicant group.

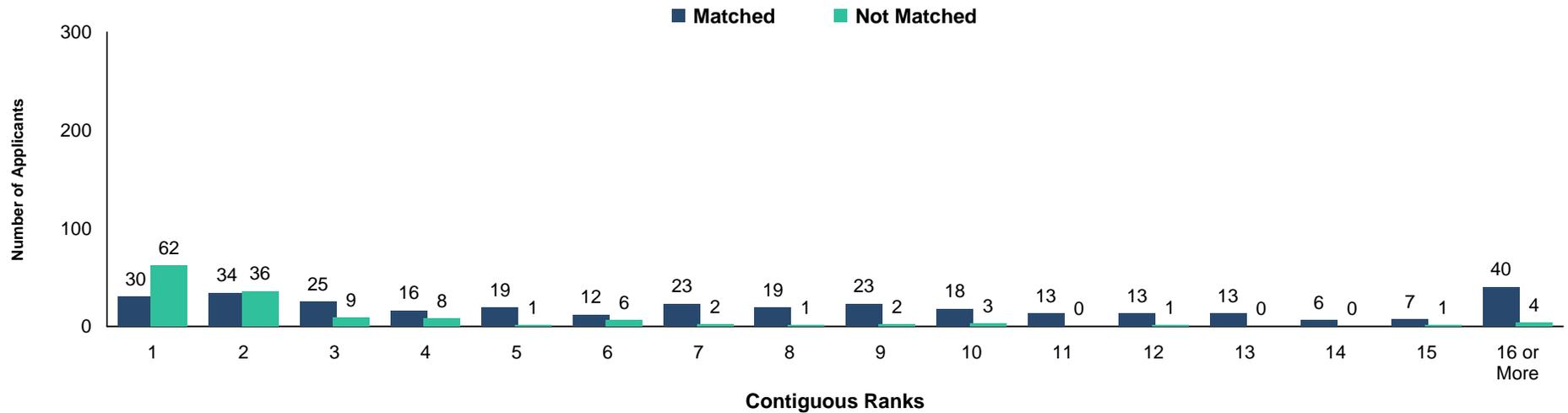
**Chart
DR-1**

**Number of Contiguous Ranks Within Preferred Specialty
Diagnostic Radiology**

U.S. Seniors

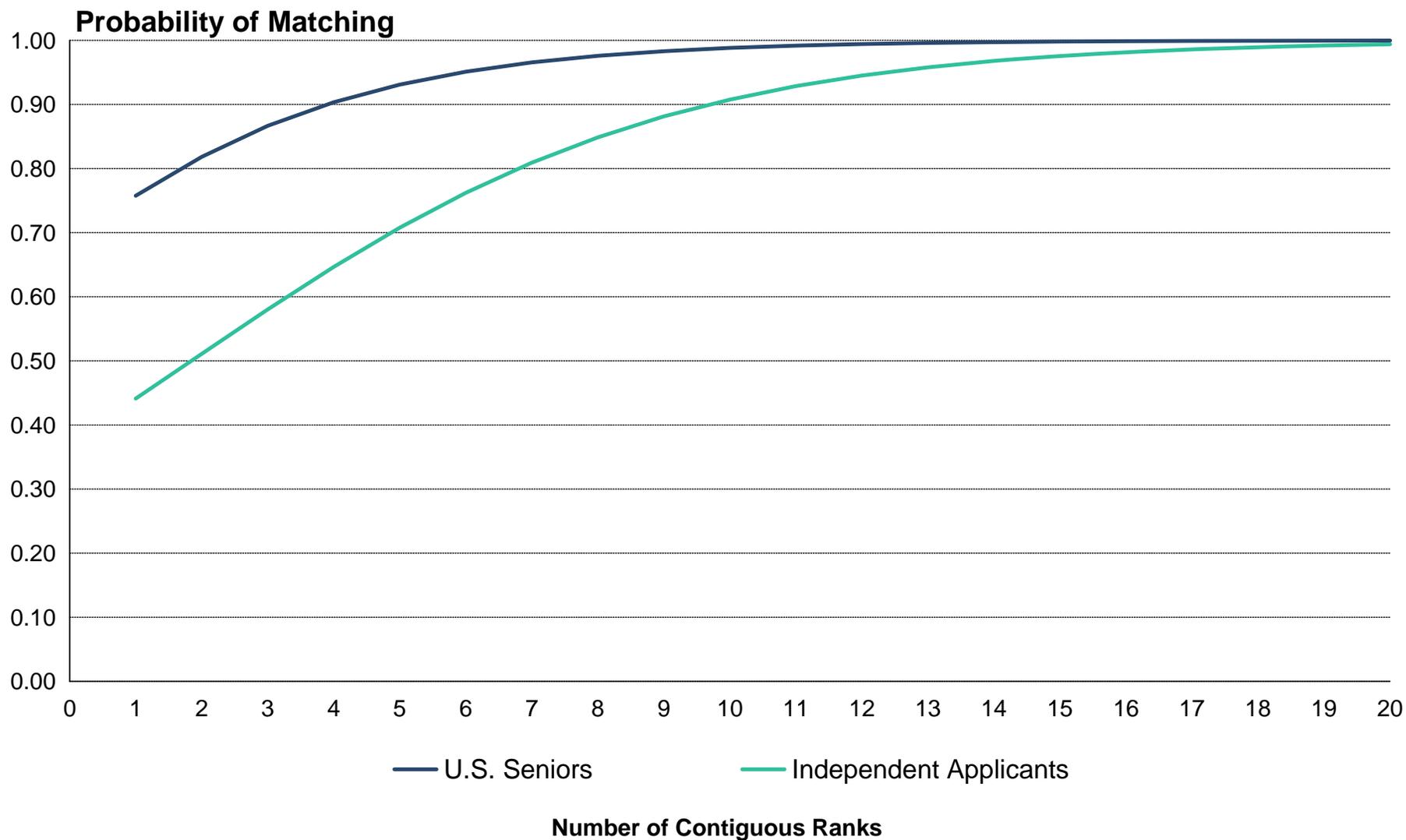


Independent Applicants



Source: NRMP Data Warehouse

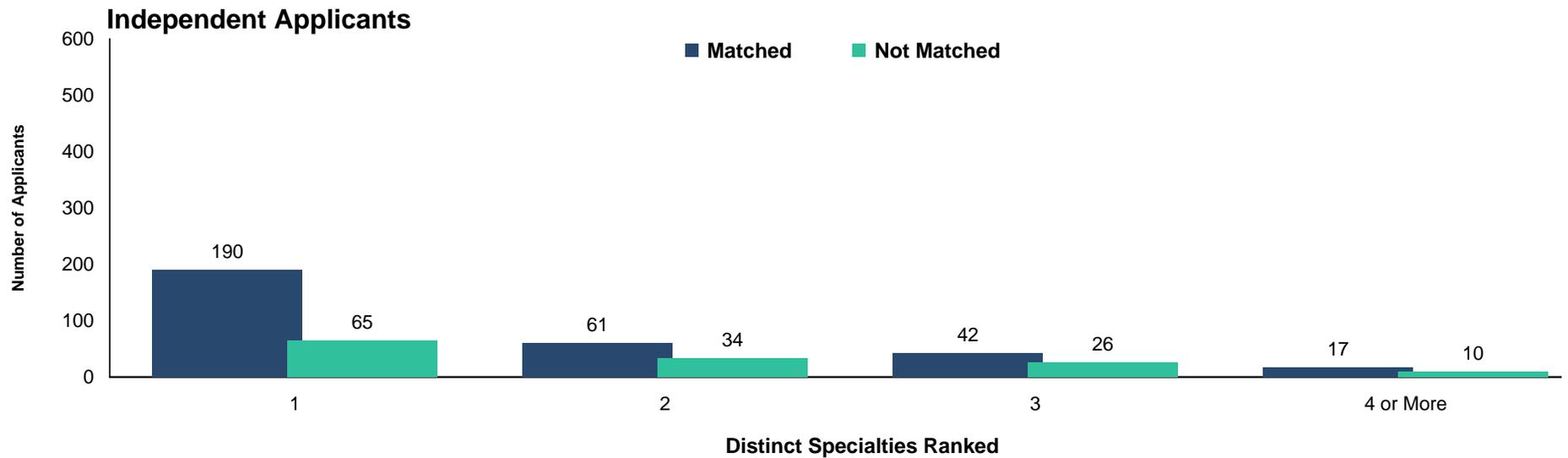
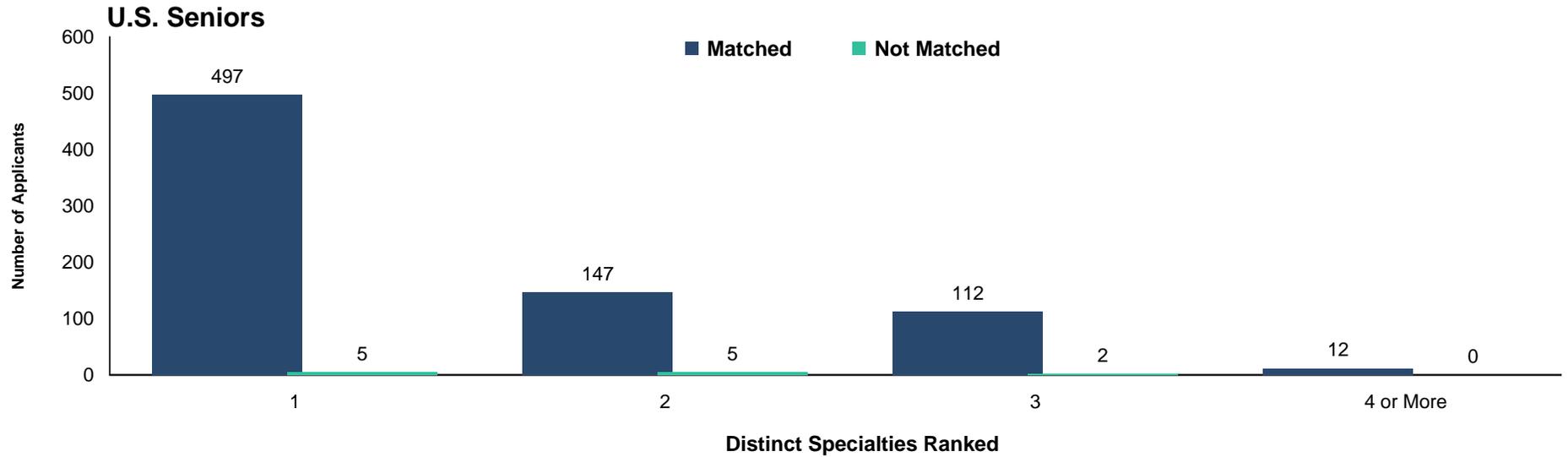
Probability of Matching to Preferred Specialty by Number of Contiguous Ranks *Diagnostic Radiology*



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2014 applicants only

**Chart
DR-2**

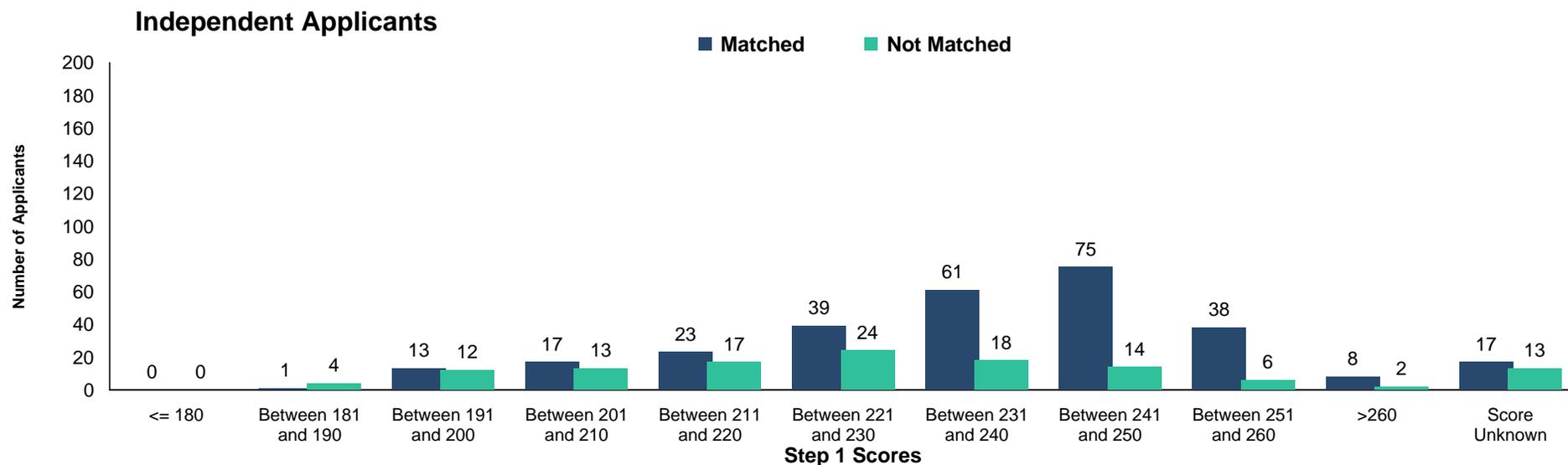
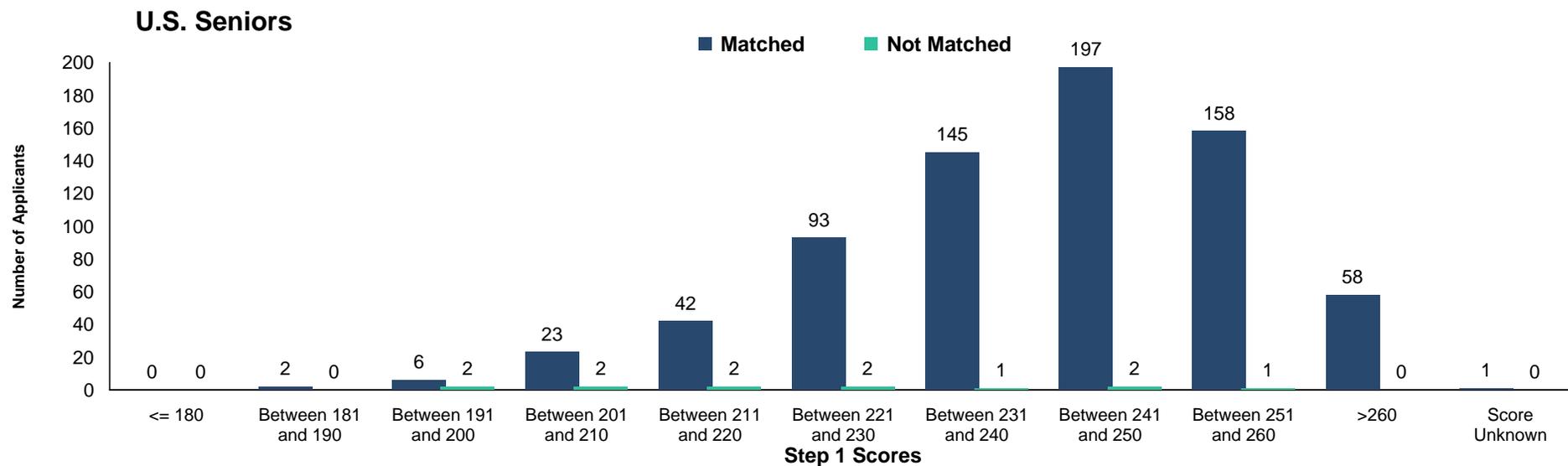
Number of Distinct Specialties Ranked
Diagnostic Radiology



Source: NRMP Data Warehouse

**Chart
DR-3**

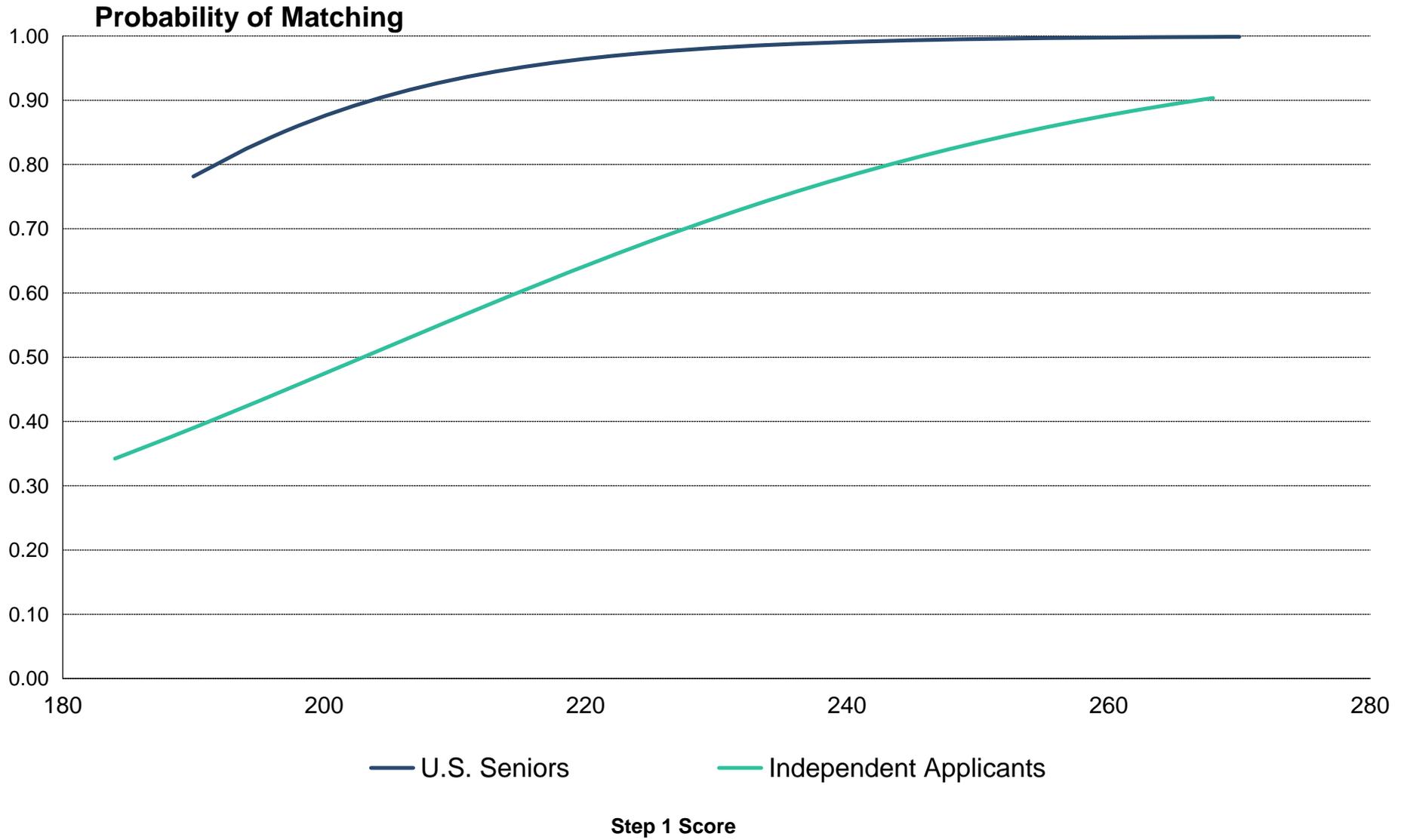
**USMLE Step 1 Scores
Diagnostic Radiology**



Source: NRMP Data Warehouse

**Graph
DR-2**

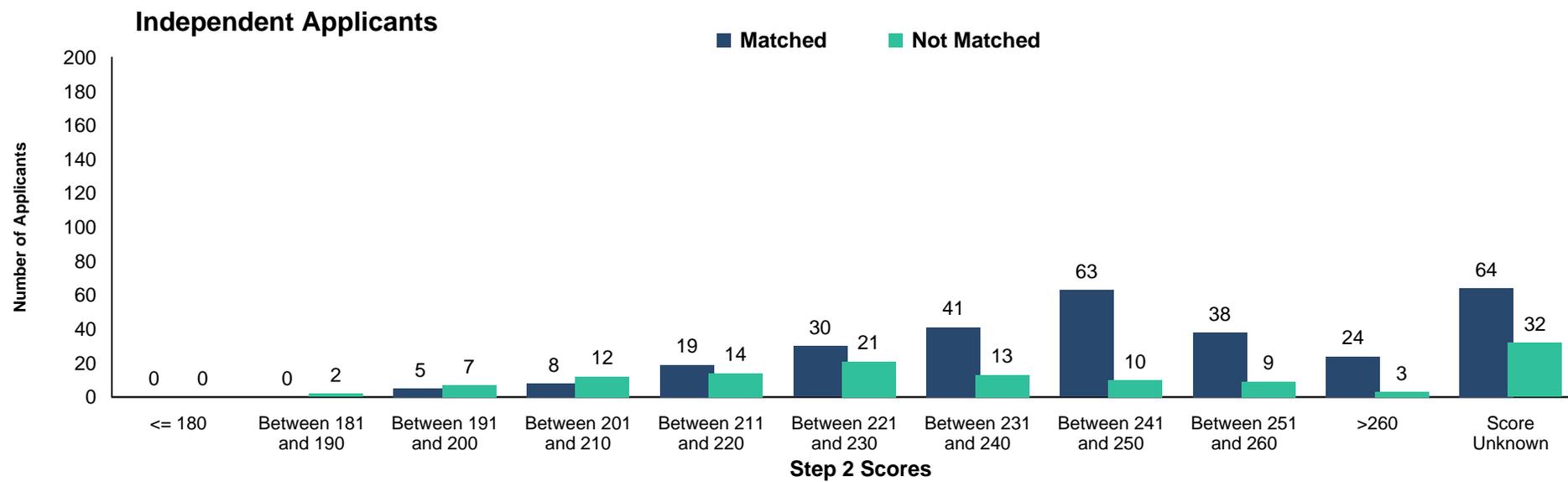
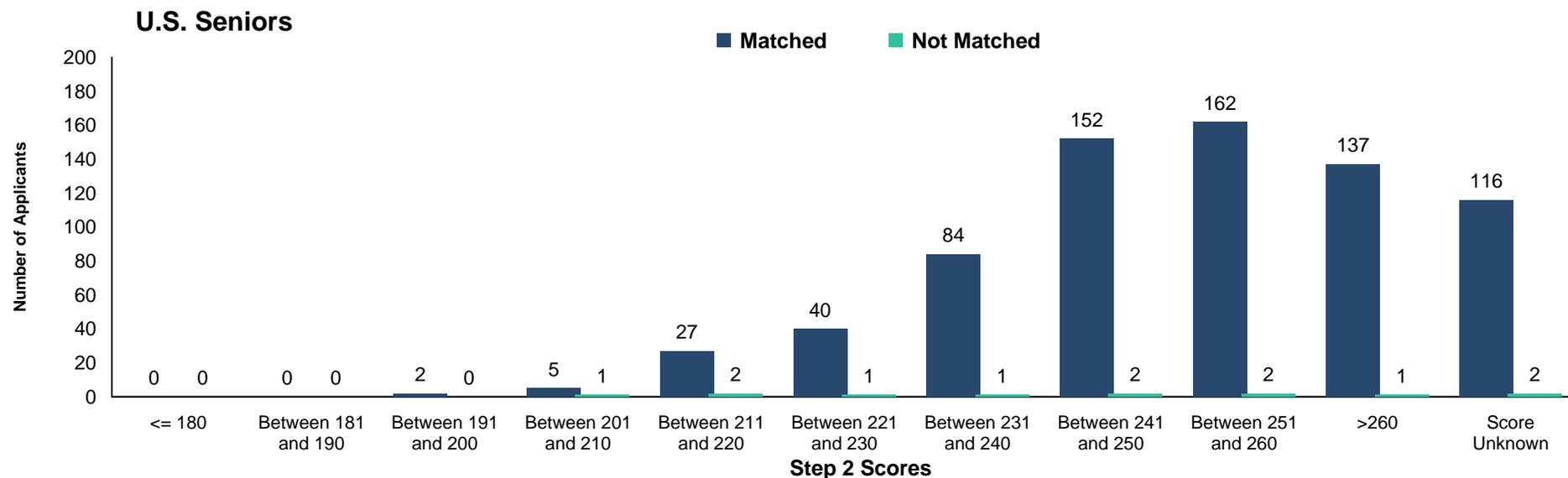
Probability of Matching to Preferred Specialty by USMLE Step 1 Score
Diagnostic Radiology



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2014 applicants only.

**Chart
DR-4**

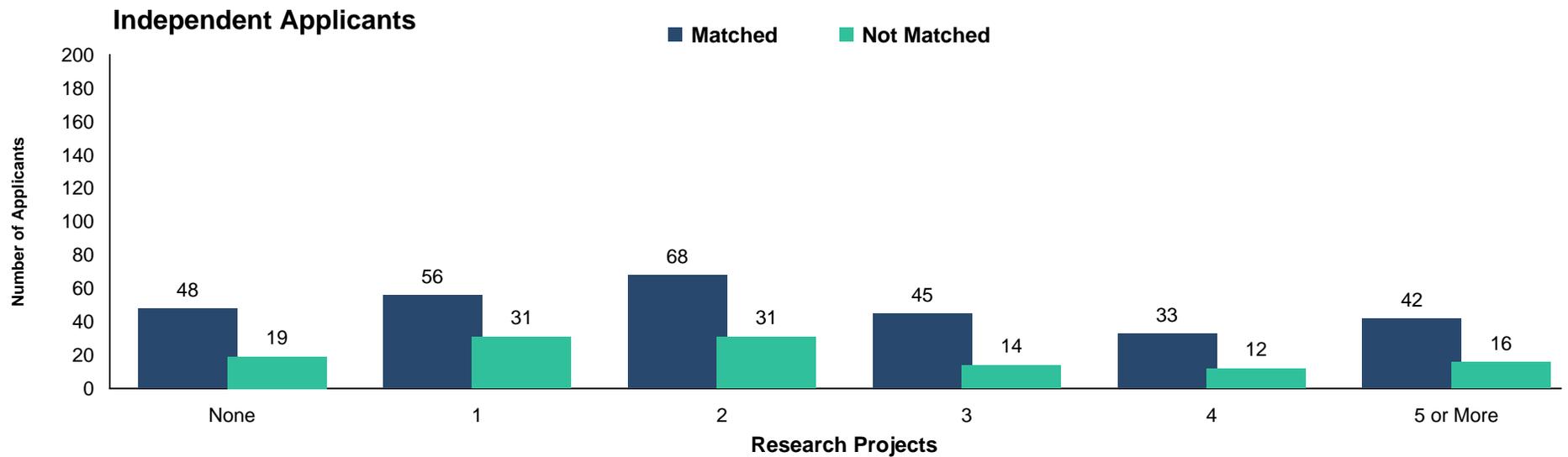
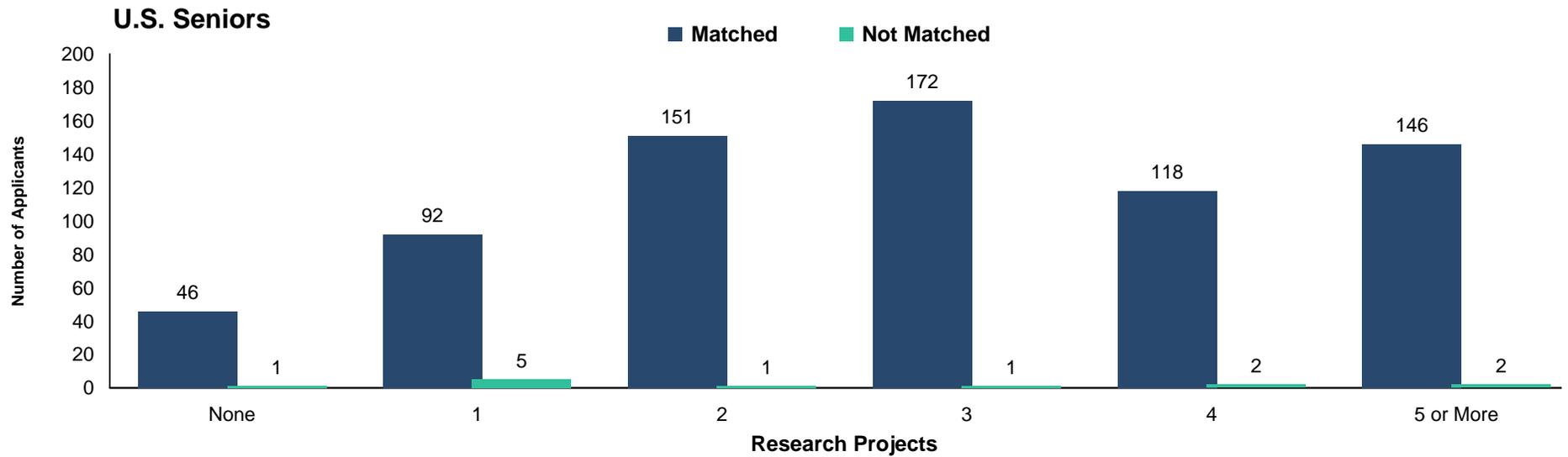
**USMLE Step 2 Scores
Diagnostic Radiology**



Source: NRMP Data Warehouse

**Chart
DR-5**

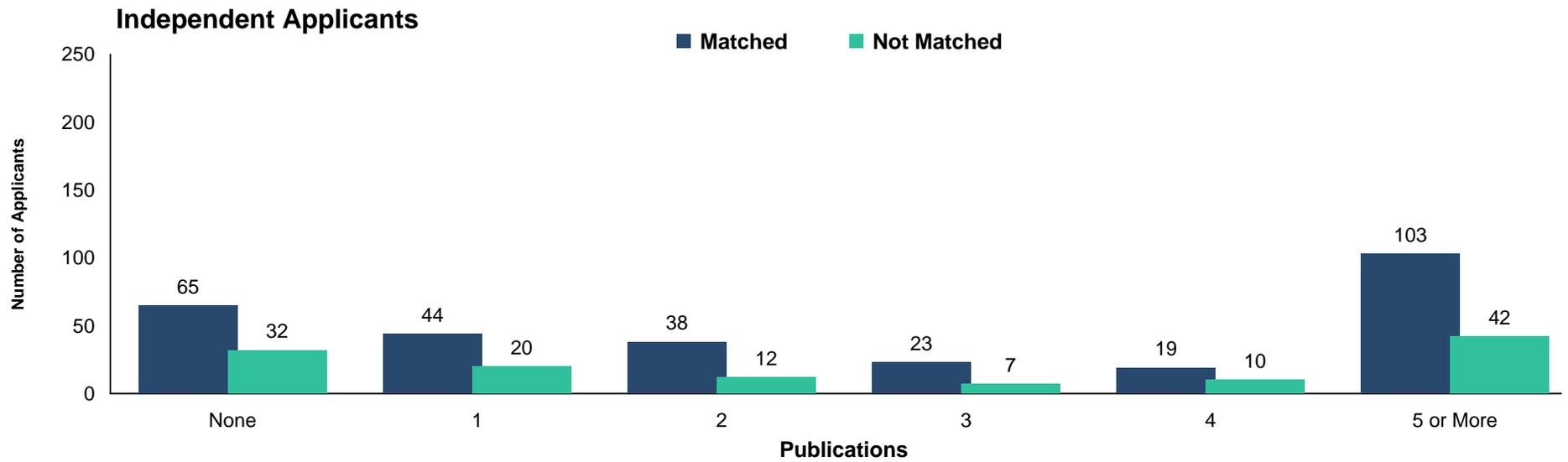
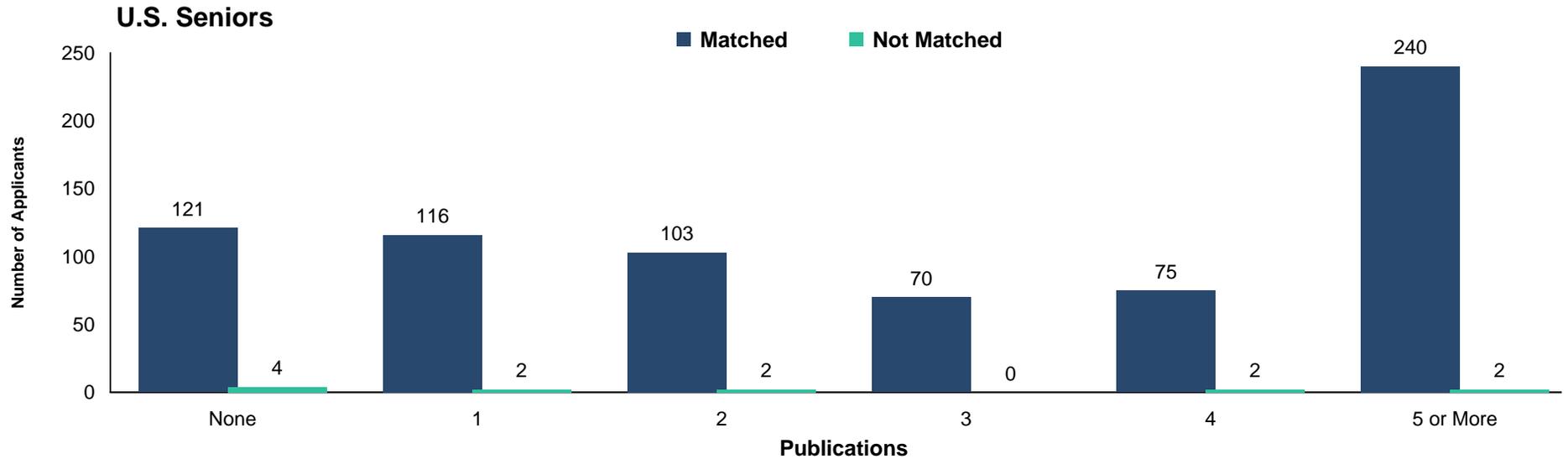
**Number of Research Projects
Diagnostic Radiology**



Source: NRMP Data Warehouse

**Chart
DR-6**

**Number of Abstracts, Presentations, and Publications
Diagnostic Radiology**

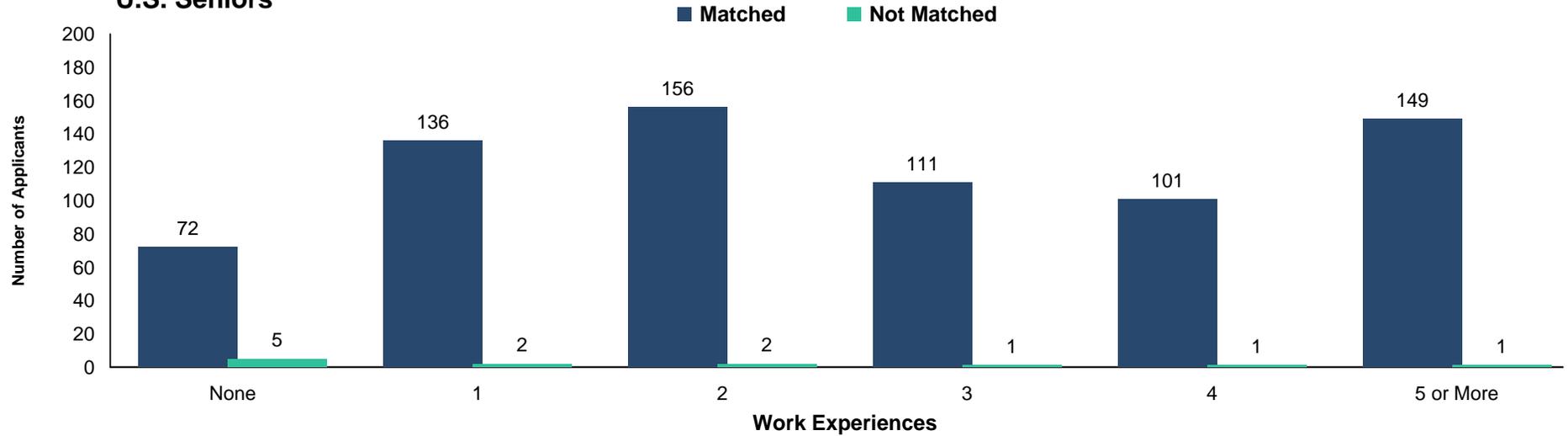


Source: NRMP Data Warehouse

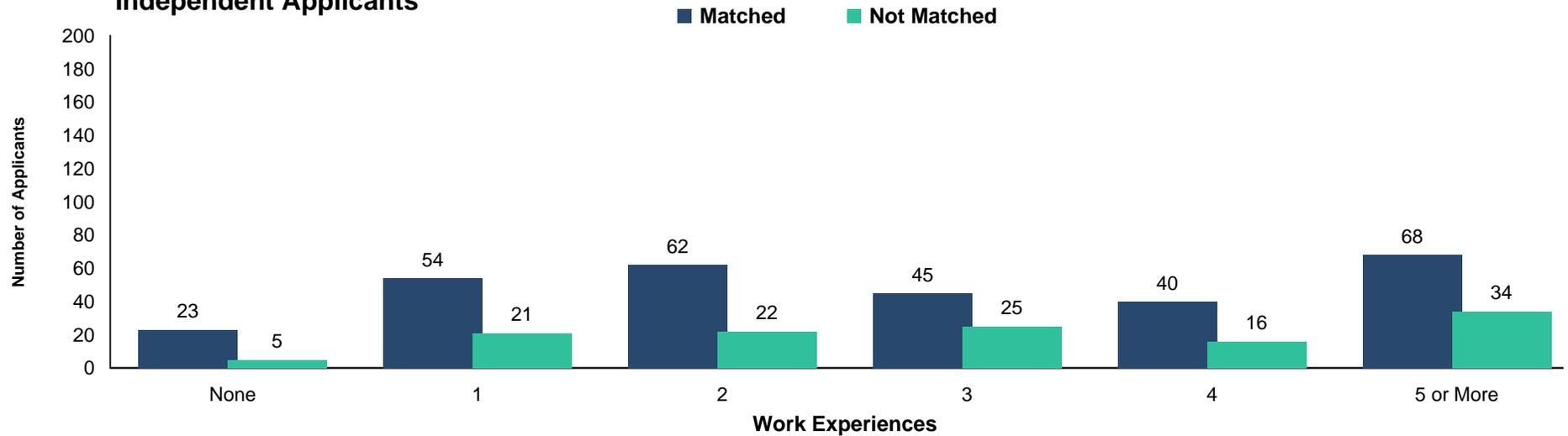
**Chart
DR-7**

**Number of Work Experiences
*Diagnostic Radiology***

U.S. Seniors



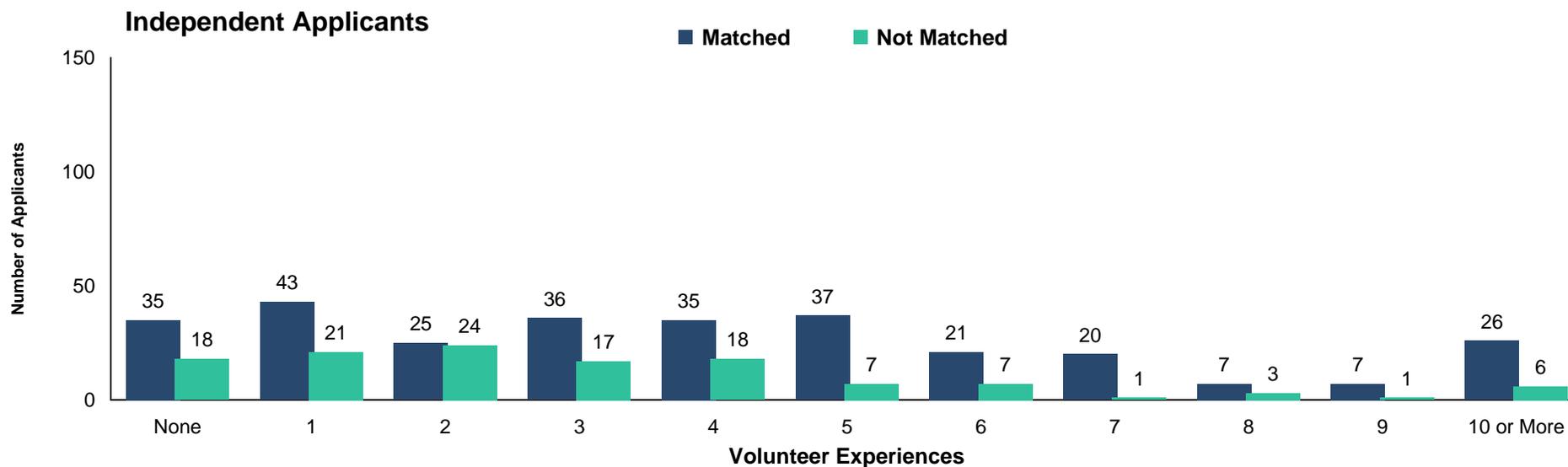
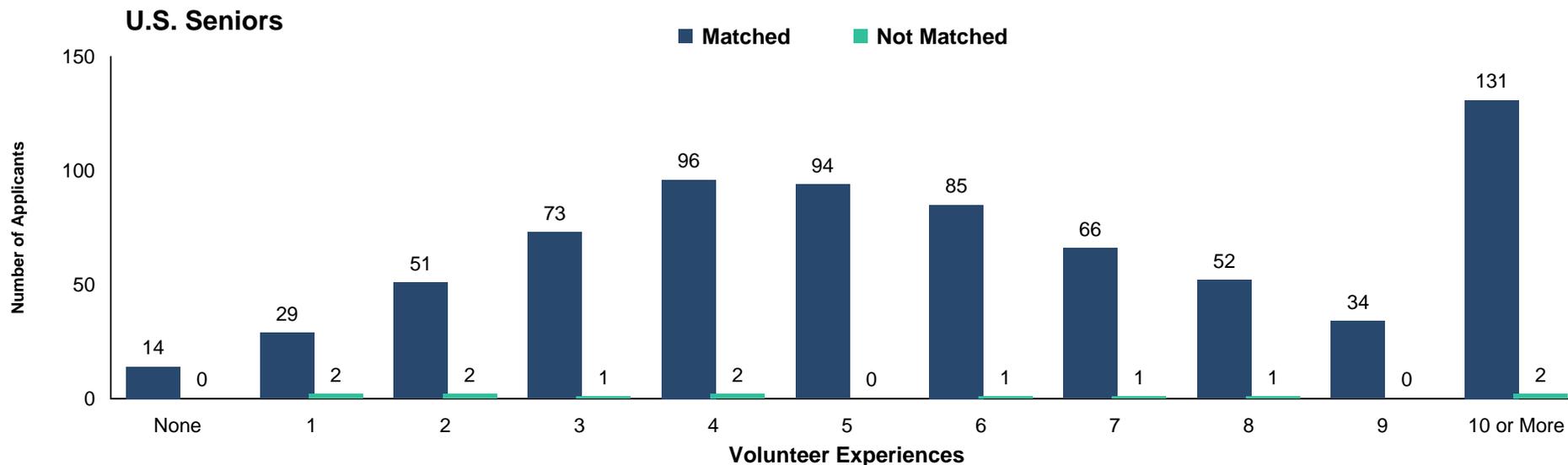
Independent Applicants



Source: NRMP Data Warehouse

**Chart
DR-8**

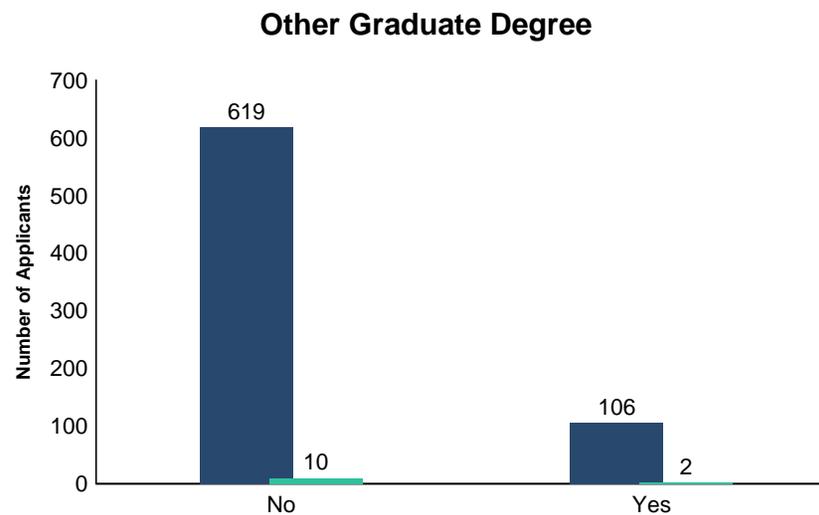
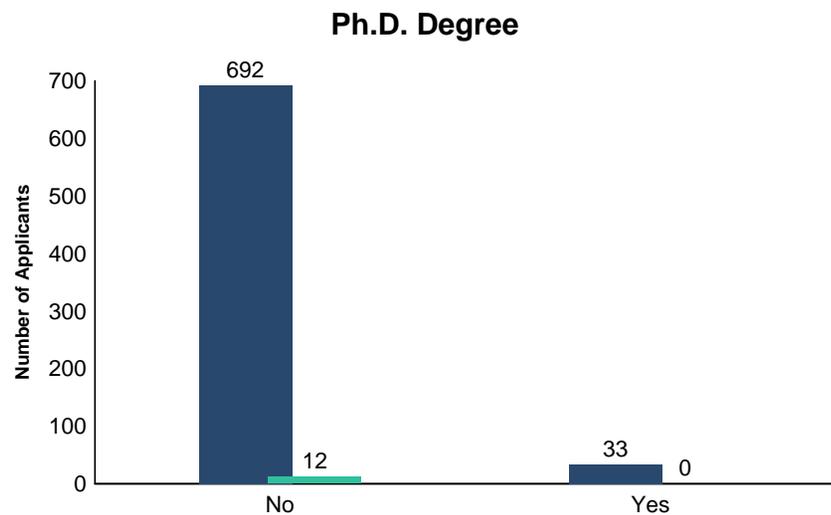
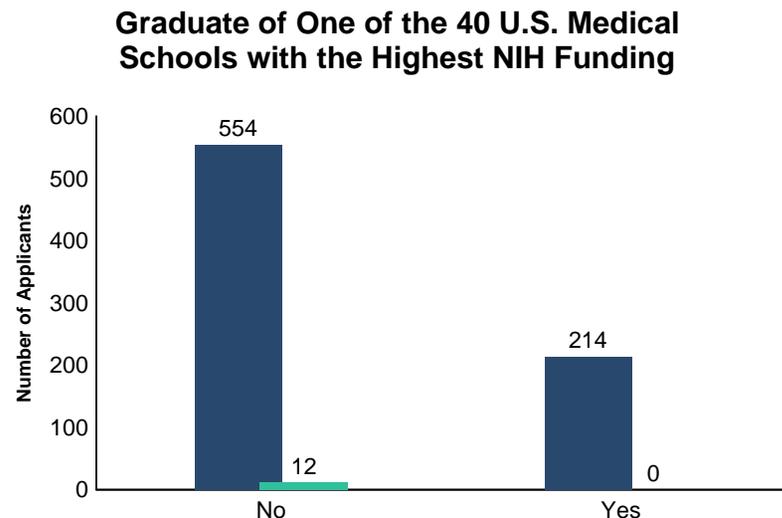
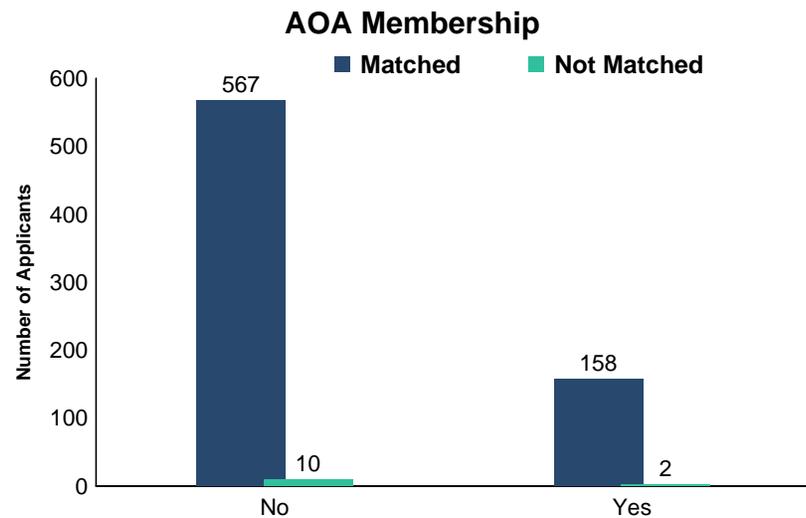
Number of Volunteer Experiences
Diagnostic Radiology



Source: NRMP Data Warehouse

**Chart
DR-9**

**Other Characteristics of U.S. Seniors
*Diagnostic Radiology***



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

EM **Emergency Medicine**

Table **Summary Statistics**
EM-1 **Emergency Medicine**

Measure	U.S. Seniors		Independent Applicants	
	Matched (n=1,371)	Unmatched (n=106)	Matched (n=370)	Unmatched (n=259)
1. Mean number of contiguous ranks	11.9	4.4	6.8	2.6
2. Mean number of distinct specialties ranked	1.1	1.8	1.4	1.7
3. Mean USMLE Step 1 score	230	215	226	217
4. Mean USMLE Step 2 score	243	225	237	225
5. Mean number of research experiences	2.2	1.9	1.7	1.8
6. Mean number of abstracts, presentations, and publications	2.9	2.0	2.0	2.5
7. Mean number of work experiences	3.4	3.4	3.7	4.0
8. Mean number of volunteer experiences	7.1	5.8	6.1	4.5
9. Percentage who are AOA members	12.0	4.1	n/a	n/a
10. Percentage who graduated from one of the 40 U.S. medical schools with the highest NIH funding	29.3	18.9	n/a	n/a
11. Percentage who have Ph.D. degree	1.1	0.0	n/a	n/a
12. Percentage who have another graduate degree	16.1	26.8	n/a	n/a

n/a: The measure either does not apply to, applies to only a small percentage of, or no reliable data were available for independent applicants.

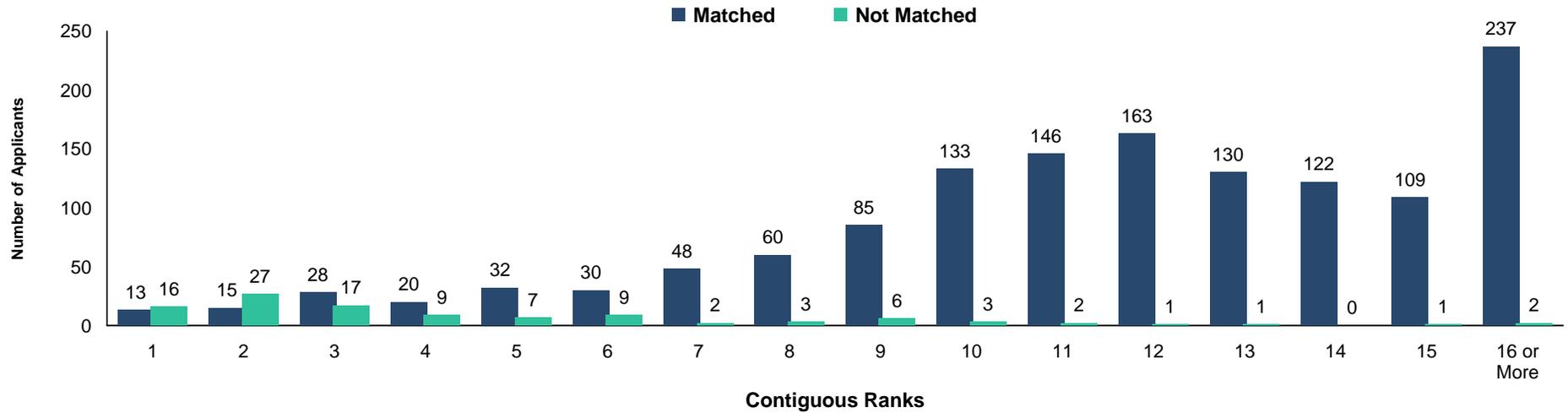
Sources. NRMP Data Warehouse; Top 40 U.S. medical schools with the highest NIH funding in measure 10 is from the NIH website (<http://report.nih.gov/award/index.cfm>).

Note: Measures 3-9 and 11-12 included only applicants who gave consent to use their information in research. USMLE Step scores are not available for most osteopathic medical school students and graduates included in the independent applicant group.

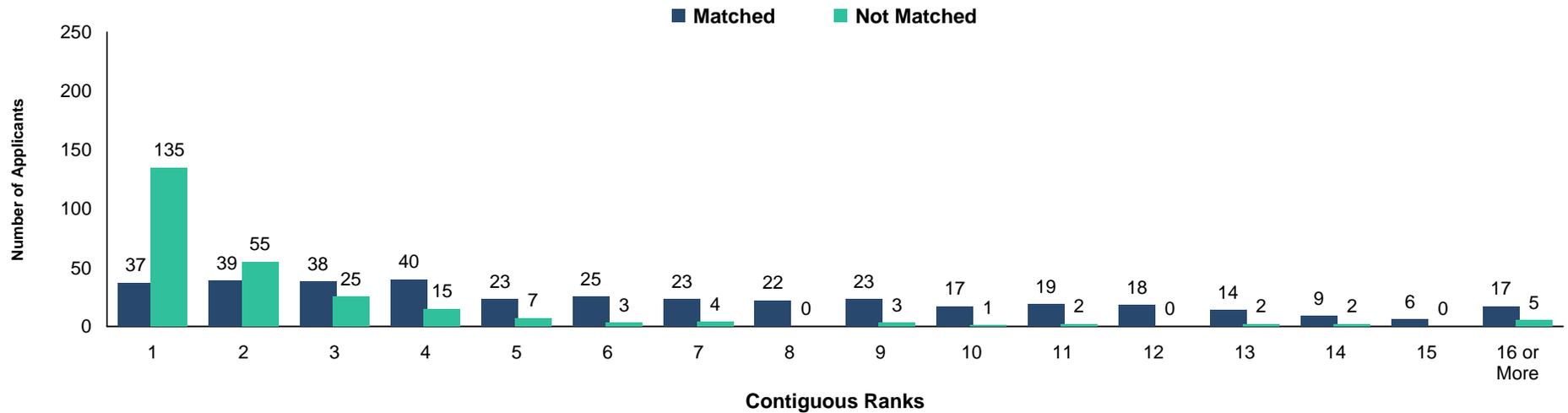
**Chart
EM-1**

**Number of Contiguous Ranks Within Preferred Specialty
Emergency Medicine**

U.S. Seniors

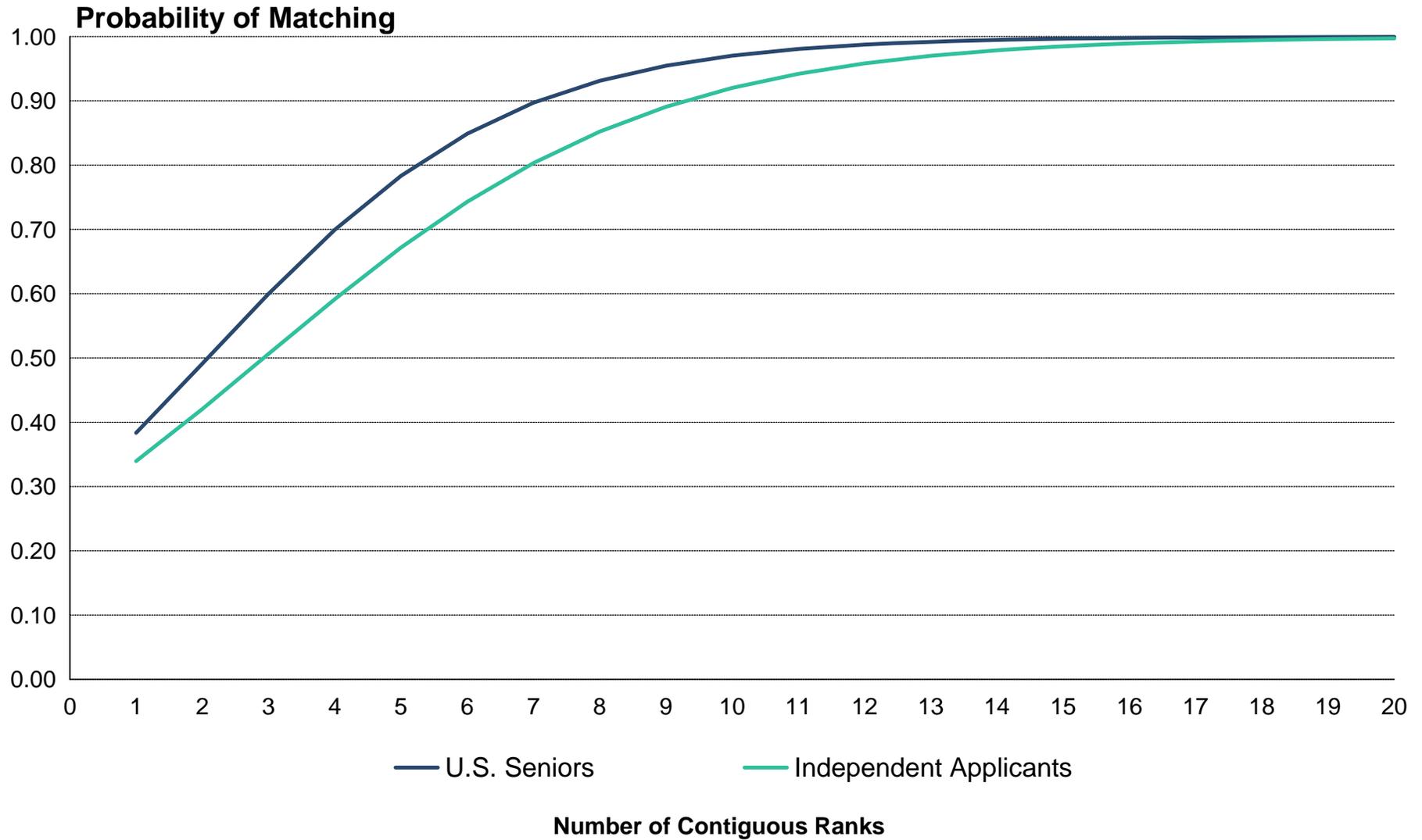


Independent Applicants



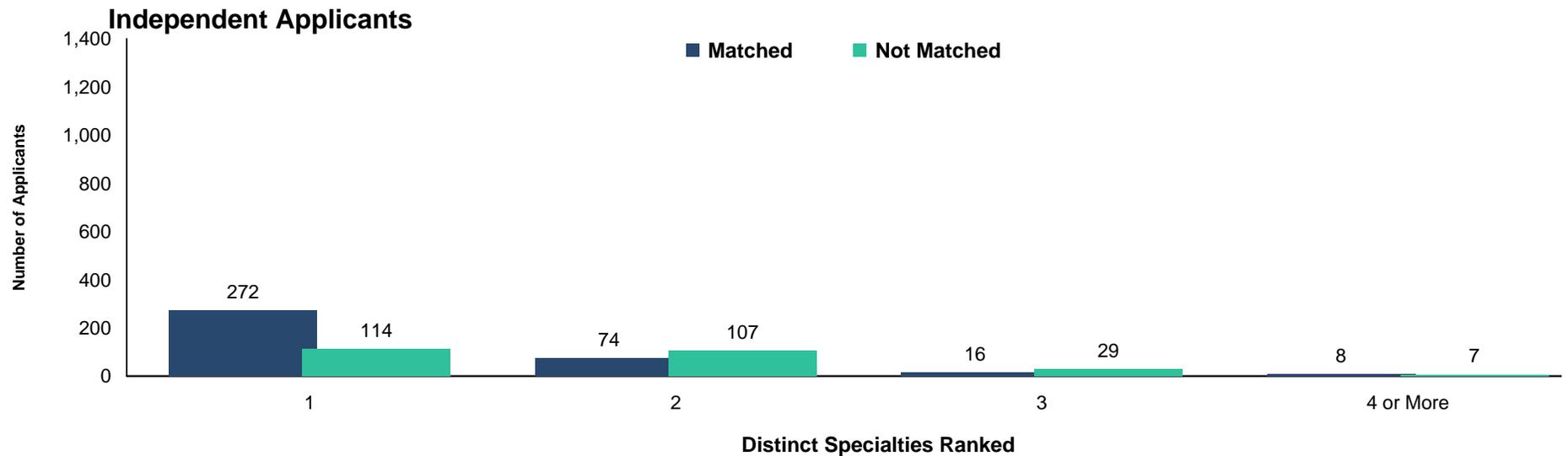
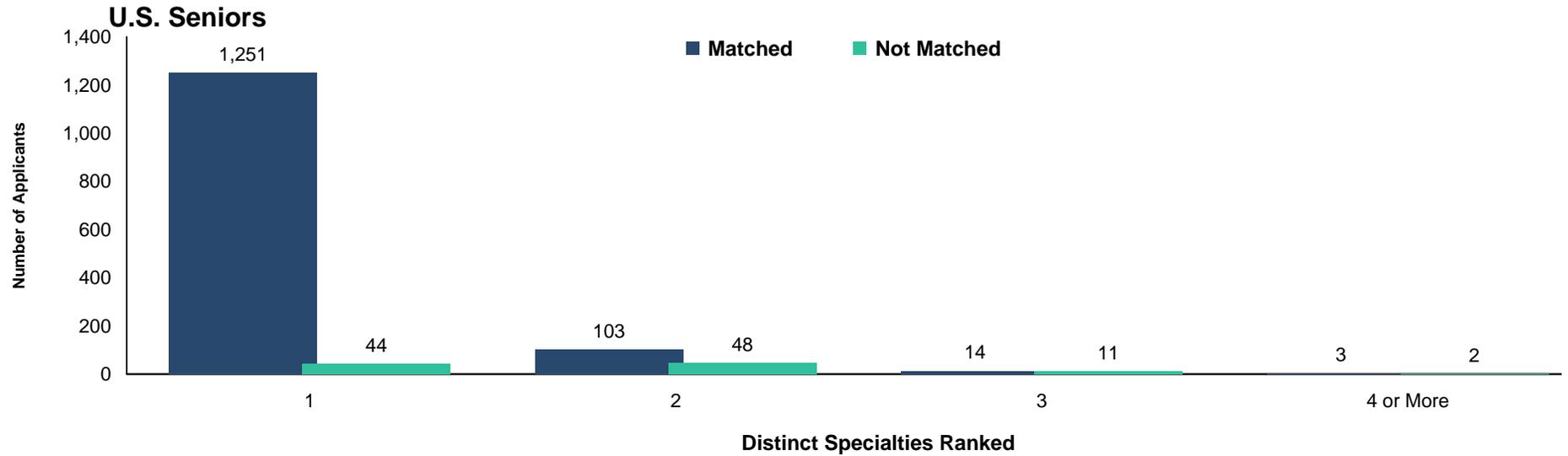
Source: NRMP Data Warehouse

Probability of Matching to Preferred Specialty by Number of Contiguous Ranks *Emergency Medicine*



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2014 applicants only

**Number of Distinct Specialties Ranked
Emergency Medicine**

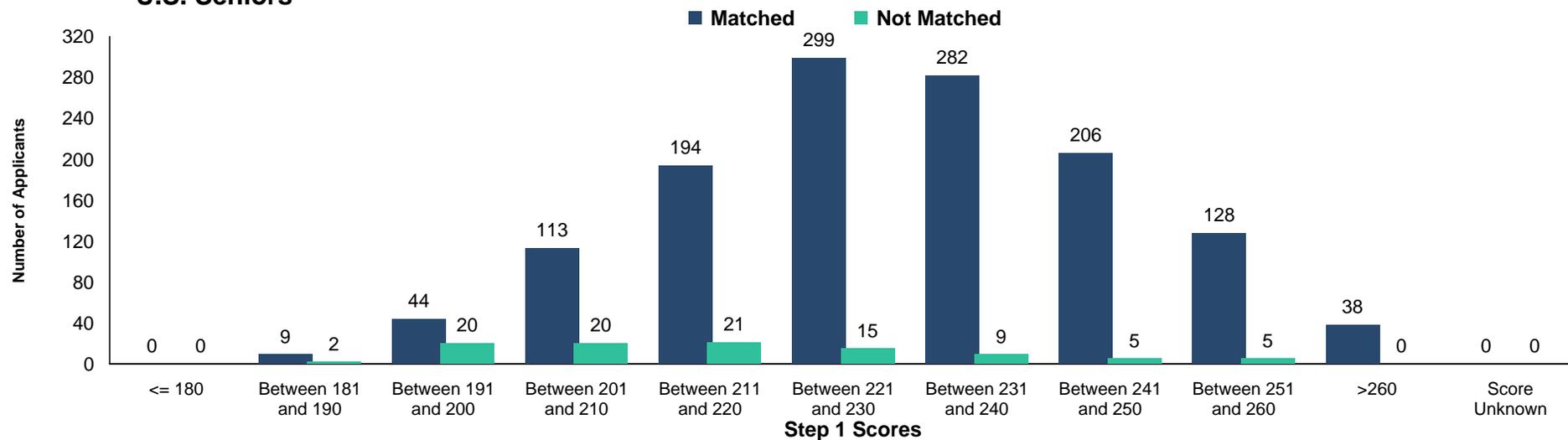


Source: NRMP Data Warehouse

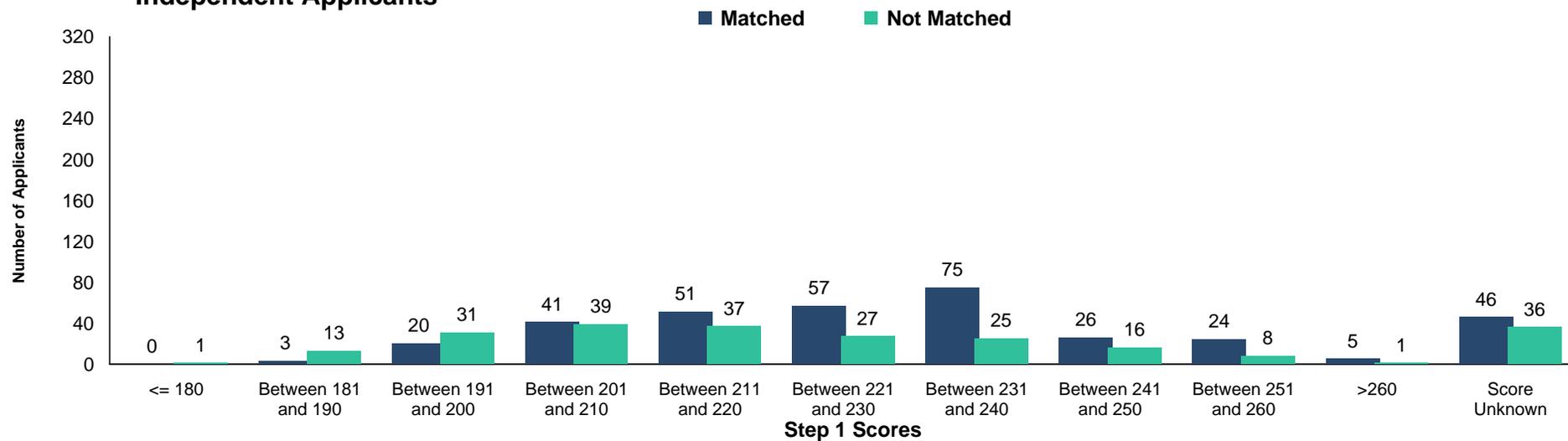
**Chart
EM-3**

**USMLE Step 1 Scores
Emergency Medicine**

U.S. Seniors



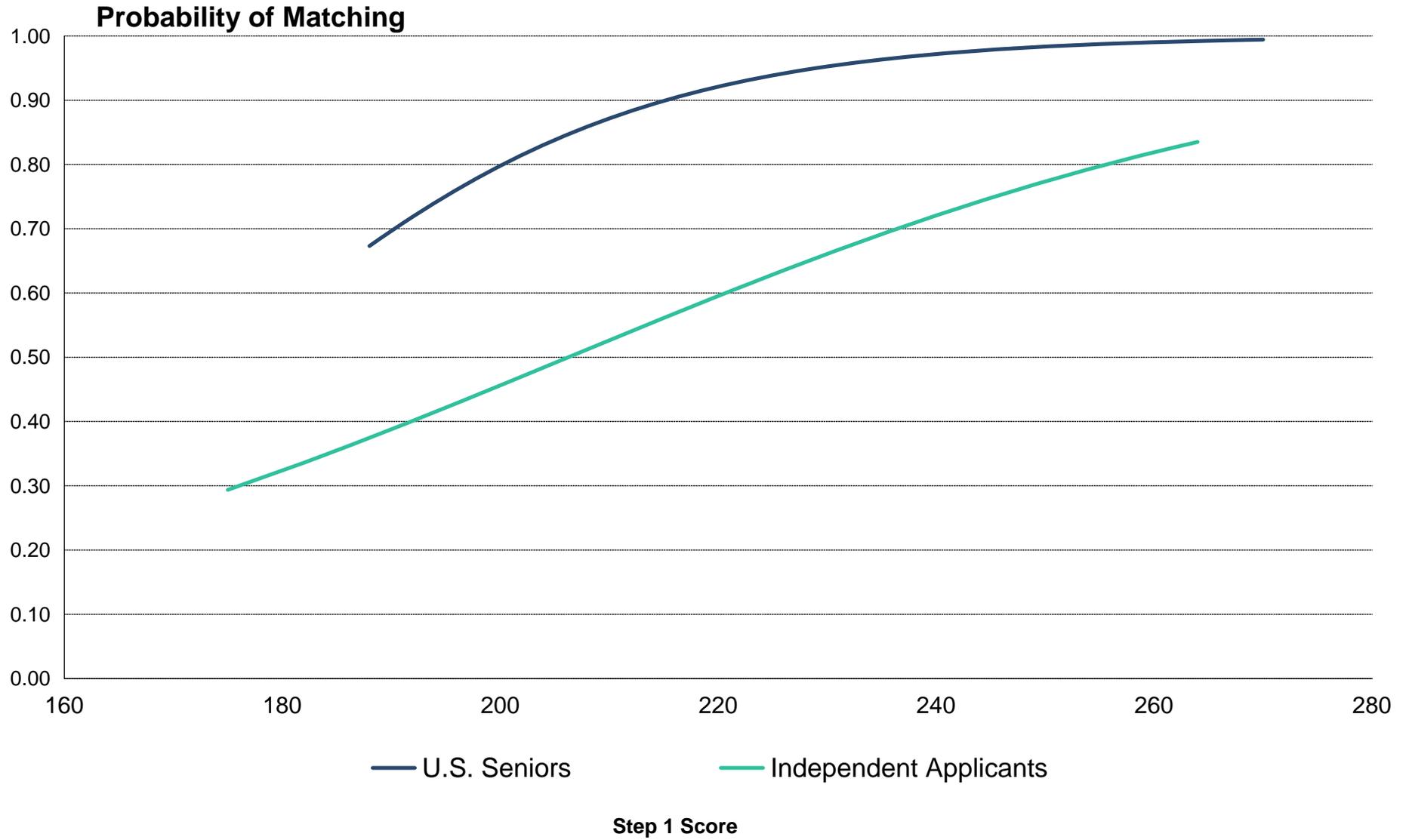
Independent Applicants



Source: NRMP Data Warehouse

**Graph
EM-2**

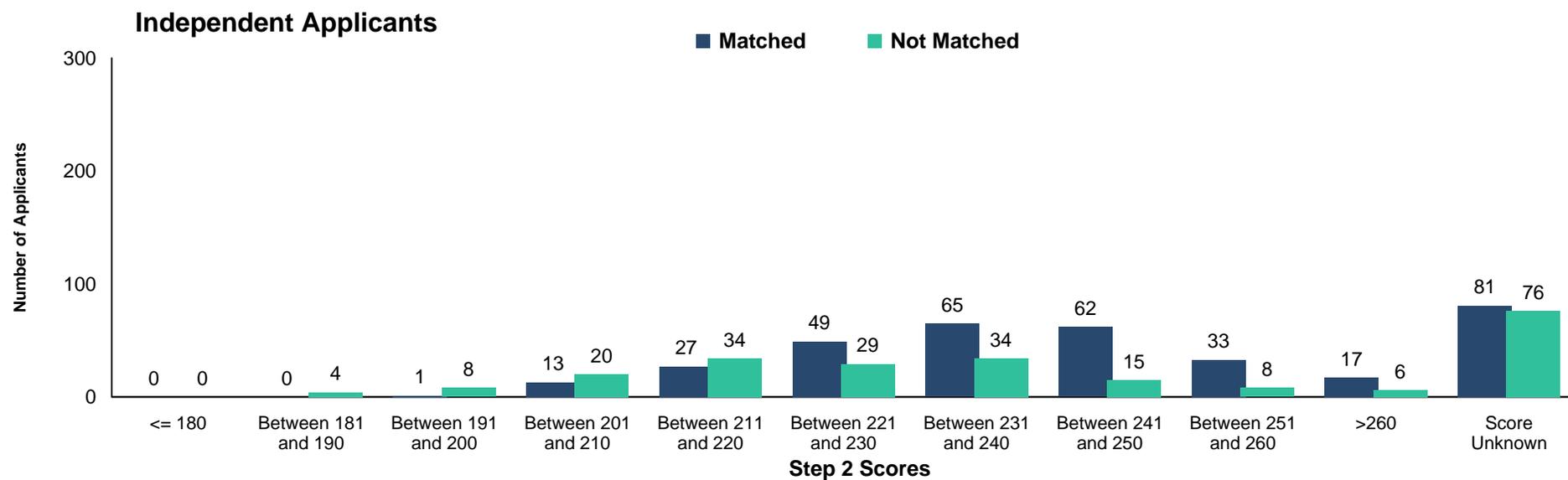
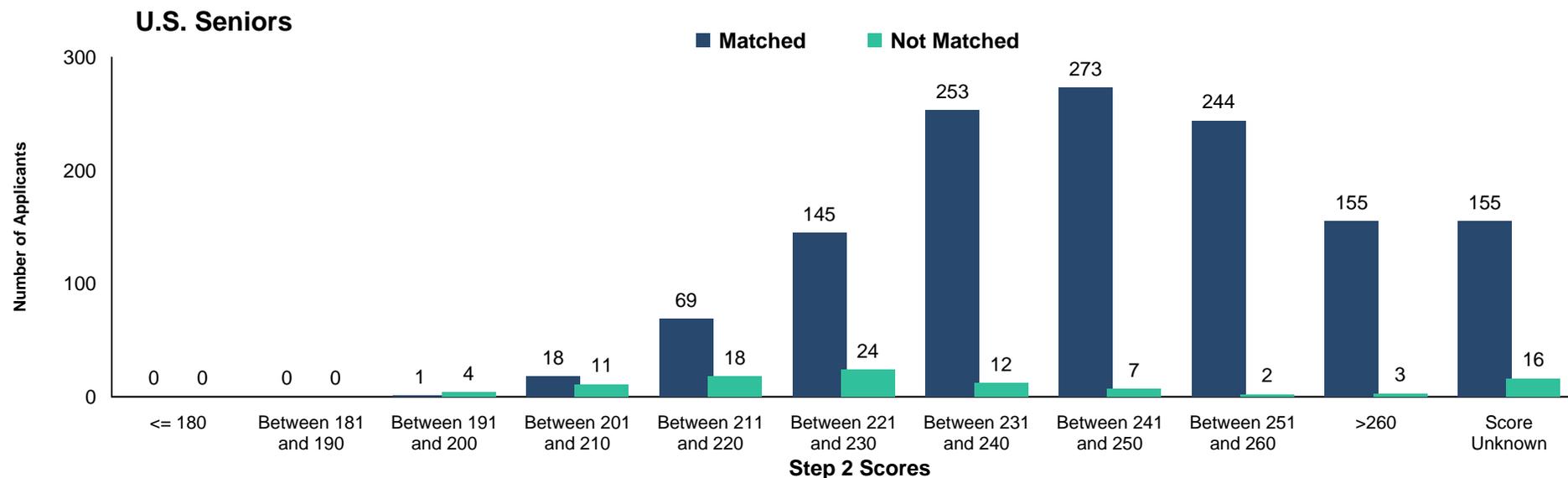
Probability of Matching to Preferred Specialty by USMLE Step 1 Score
Emergency Medicine



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2014 applicants only.

**Chart
EM-4**

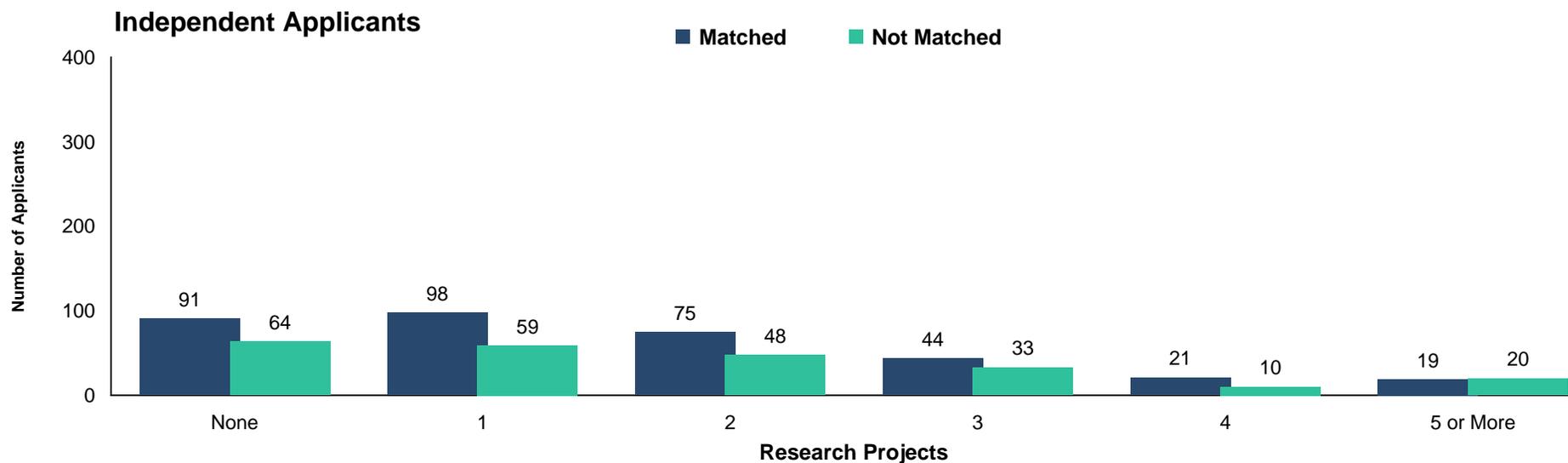
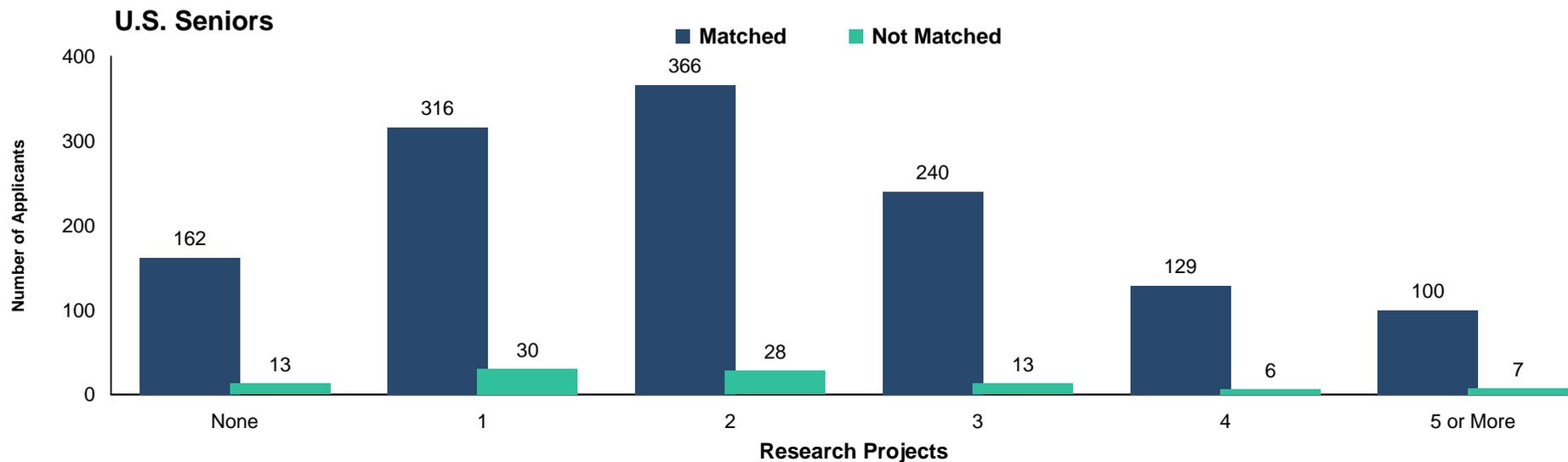
**USMLE Step 2 Scores
Emergency Medicine**



Source: NRMP Data Warehouse

**Chart
EM-5**

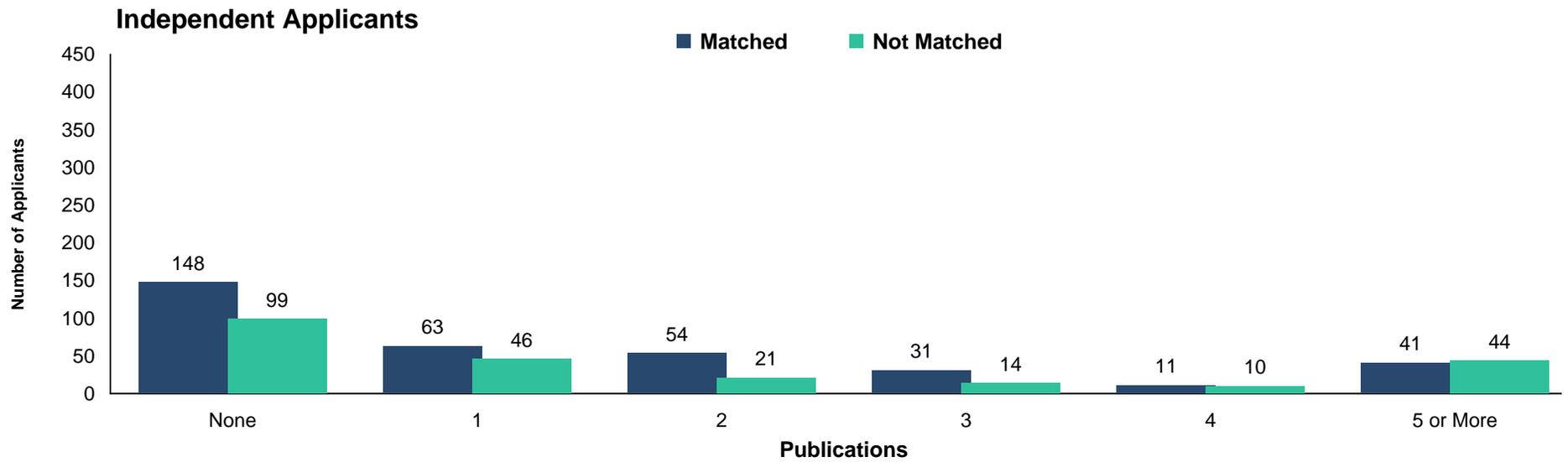
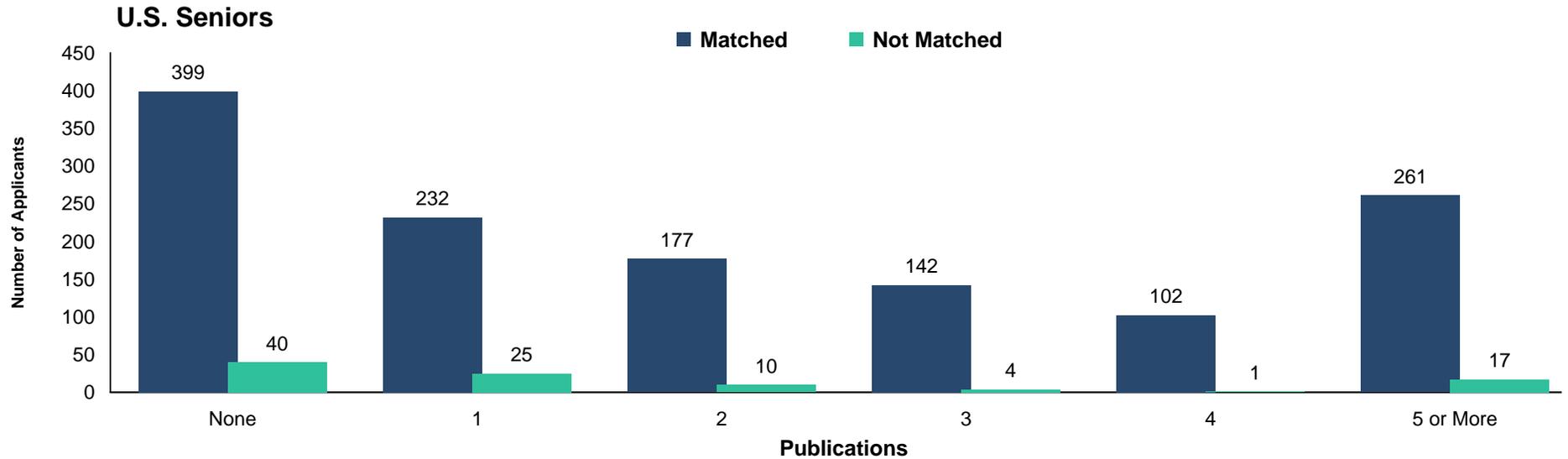
**Number of Research Projects
Emergency Medicine**



Source: NRMP Data Warehouse

**Chart
EM-6**

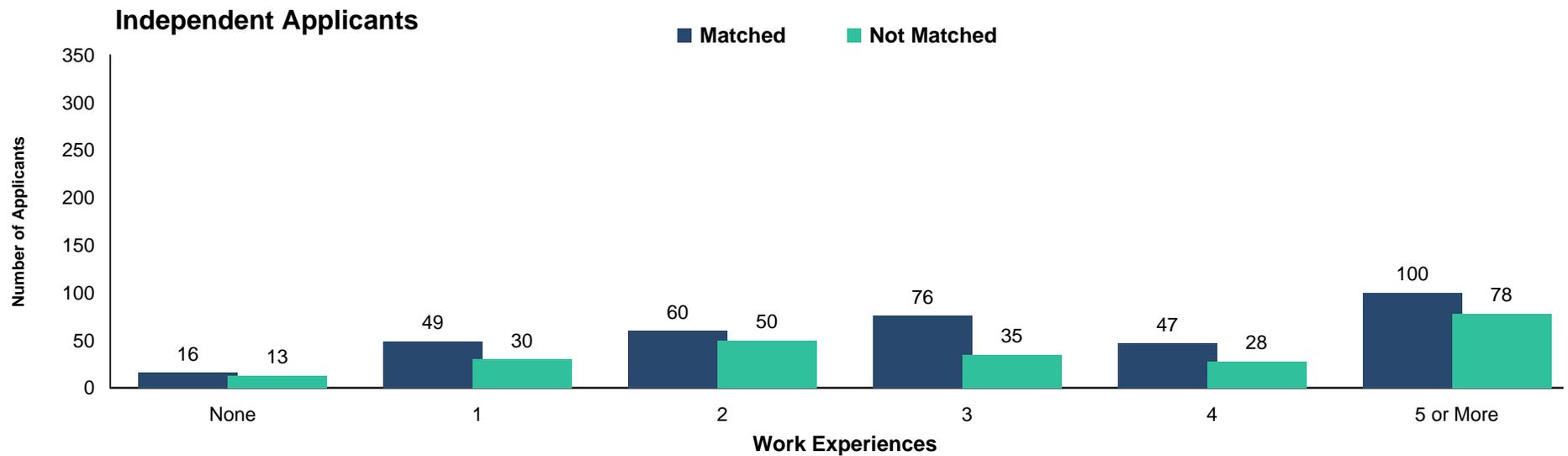
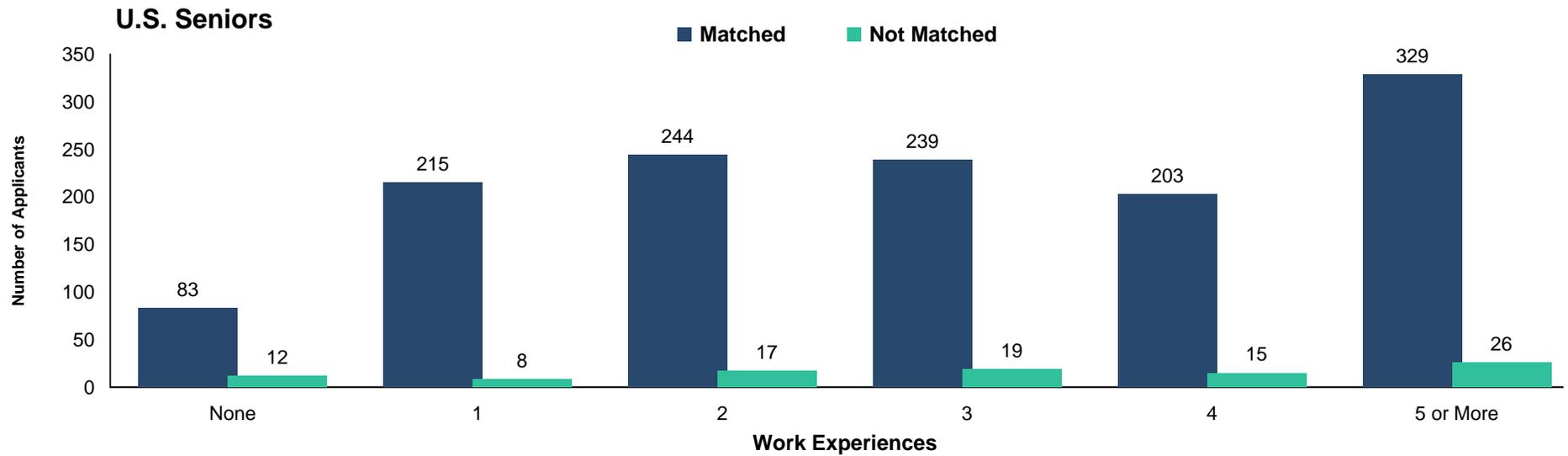
**Number of Abstracts, Presentations, and Publications
Emergency Medicine**



Source: NRMP Data Warehouse

**Chart
EM-7**

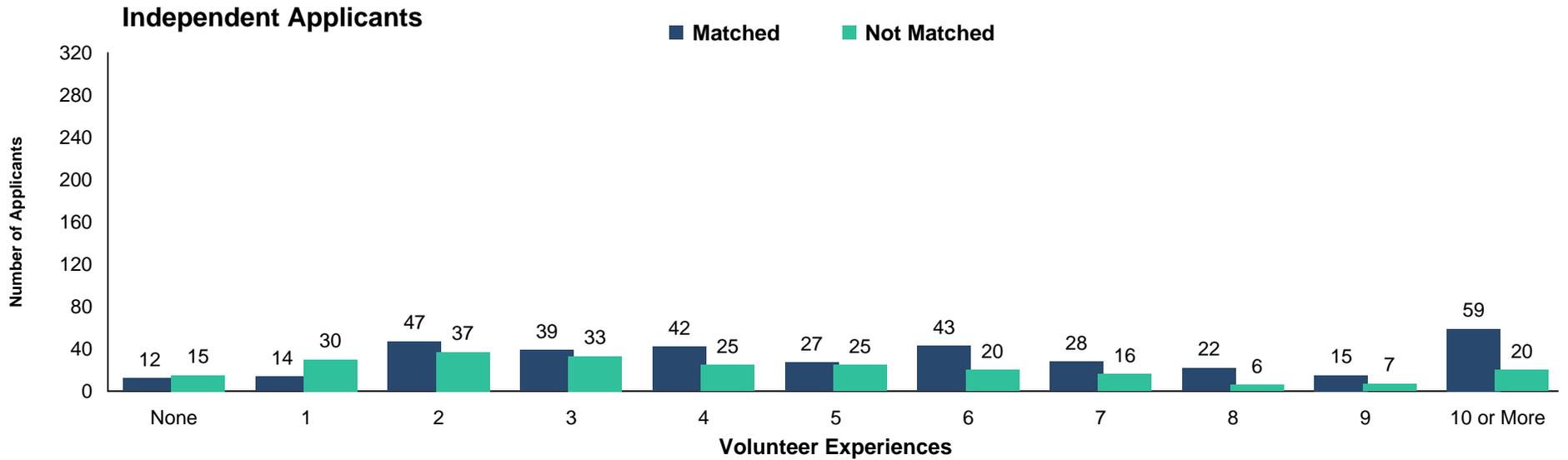
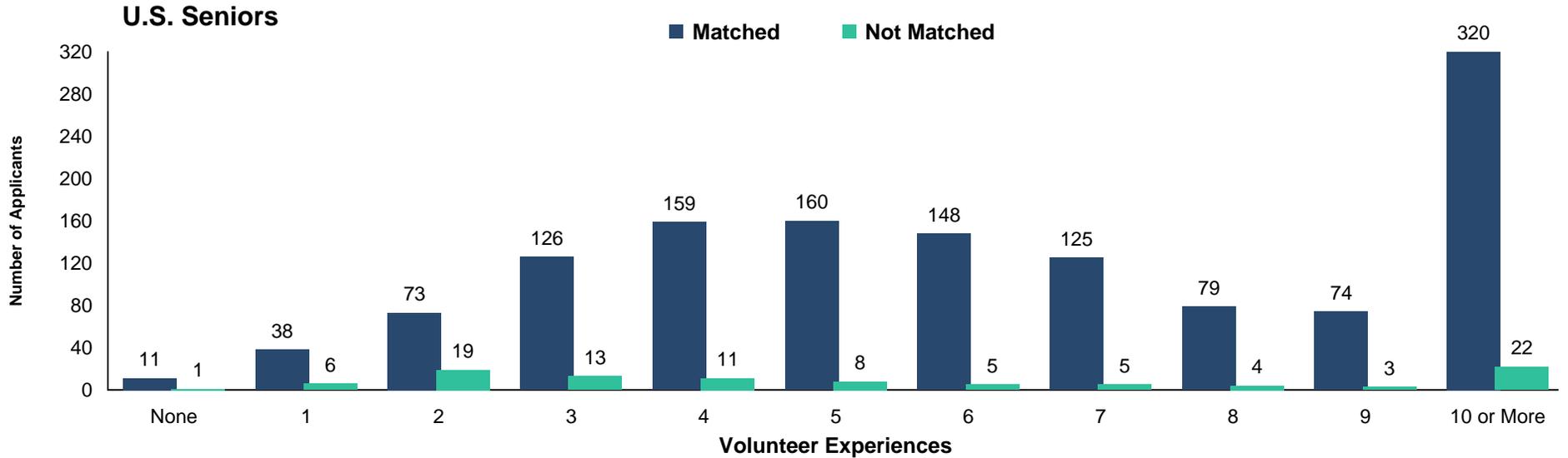
**Number of Work Experiences
Emergency Medicine**



Source: NRMP Data Warehouse

**Chart
EM-8**

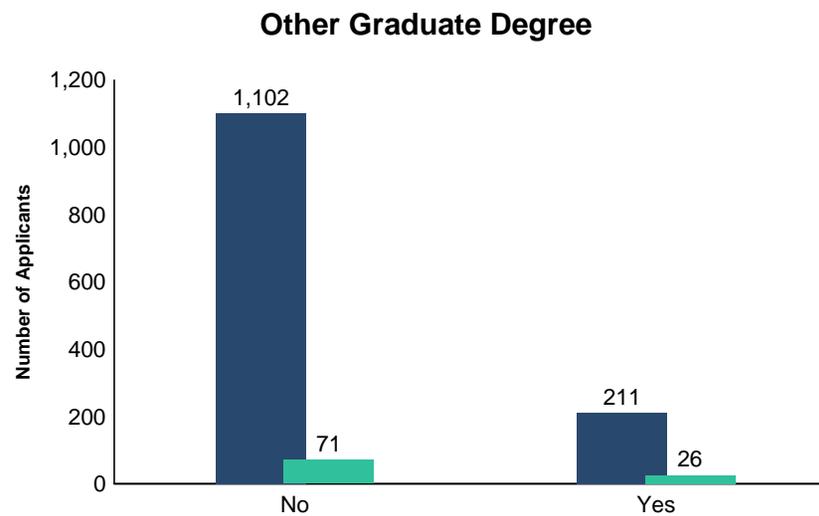
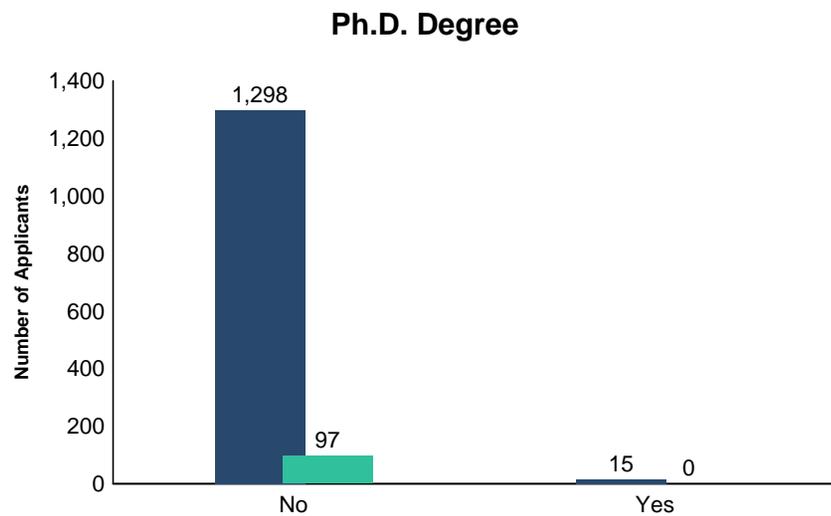
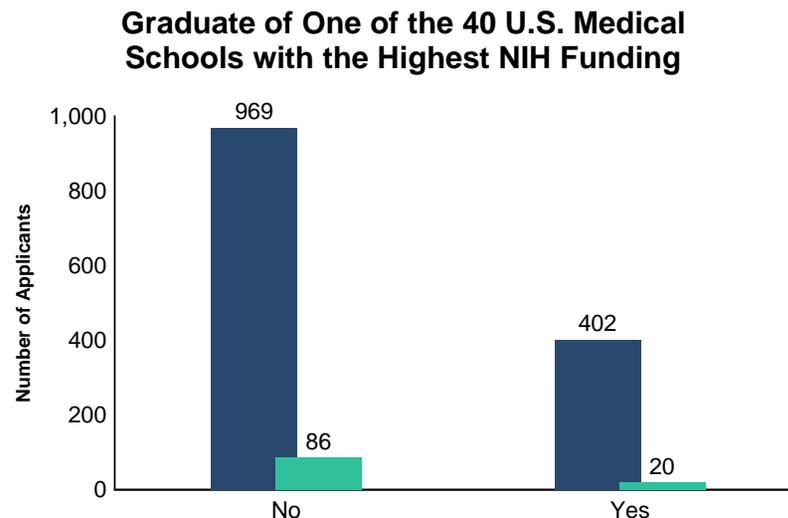
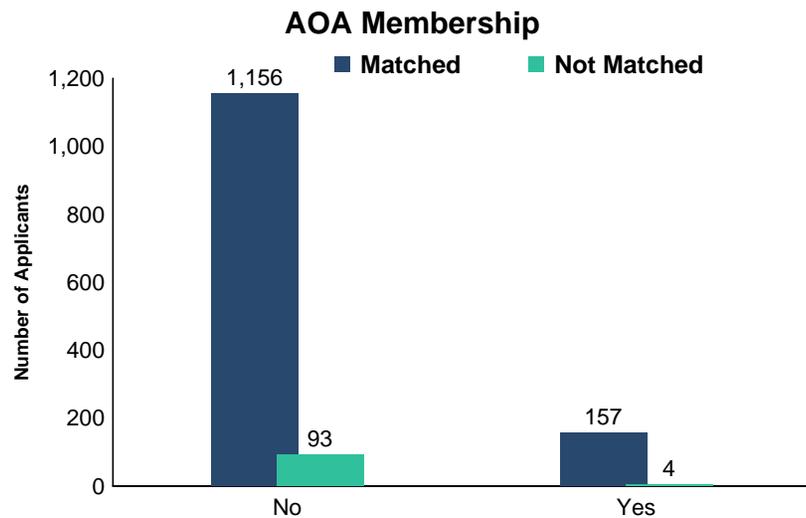
**Number of Volunteer Experiences
Emergency Medicine**



Source: NRMP Data Warehouse

**Chart
EM-9**

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



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

FM Family Medicine

Table **Summary Statistics**
FM-1 **Family Medicine**

Measure	U.S. Seniors		Independent Applicants	
	Matched (n=1,327)	Unmatched (n=49)	Matched (n=1,336)	Unmatched (n=1,337)
1. Mean number of contiguous ranks	10.0	6.0	5.9	3.2
2. Mean number of distinct specialties ranked	1.1	1.2	1.3	1.5
3. Mean USMLE Step 1 score	218	201	212	203
4. Mean USMLE Step 2 score	234	216	221	211
5. Mean number of research experiences	1.7	1.8	1.3	1.4
6. Mean number of abstracts, presentations, and publications	2.3	2.0	2.1	2.5
7. Mean number of work experiences	3.6	3.0	4.1	4.8
8. Mean number of volunteer experiences	7.8	8.9	5.3	3.9
9. Percentage who are AOA members	8.0	0.0	n/a	n/a
10. Percentage who graduated from one of the 40 U.S. medical schools with the highest NIH funding	28.0	30.6	n/a	n/a
11. Percentage who have Ph.D. degree	1.0	0.0	n/a	n/a
12. Percentage who have another graduate degree	16.0	24.4	n/a	n/a

n/a: The measure either does not apply to, applies to only a small percentage of, or no reliable data were available for independent applicants.

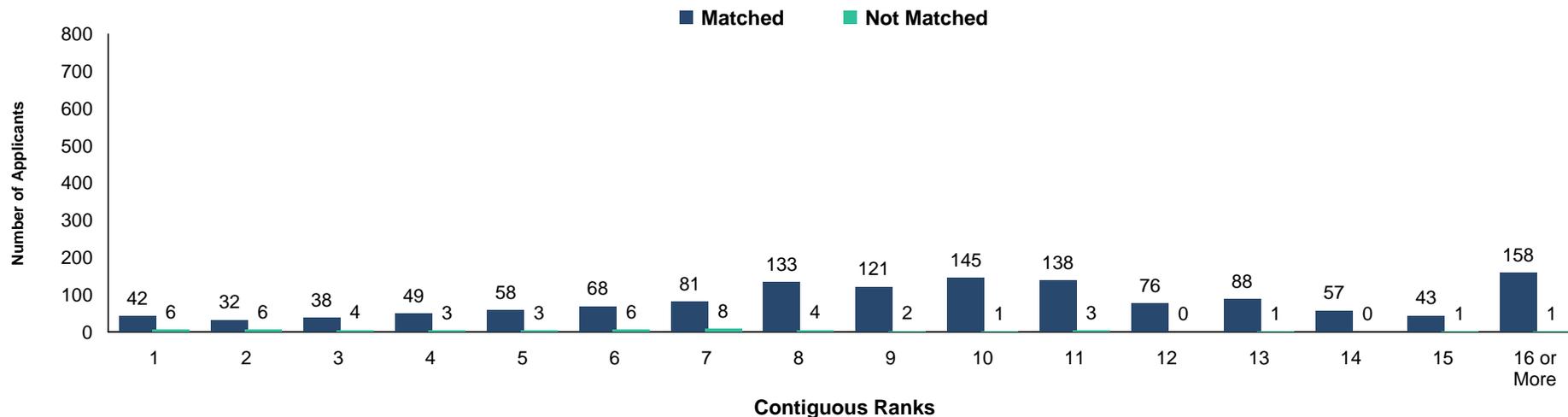
Sources. NRMP Data Warehouse; Top 40 U.S. medical schools with the highest NIH funding in measure 10 is from the NIH website (<http://report.nih.gov/award/index.cfm>).

Note: Measures 3-9 and 11-12 included only applicants who gave consent to use their information in research. USMLE Step scores are not available for most osteopathic medical school students and graduates included in the independent applicant group.

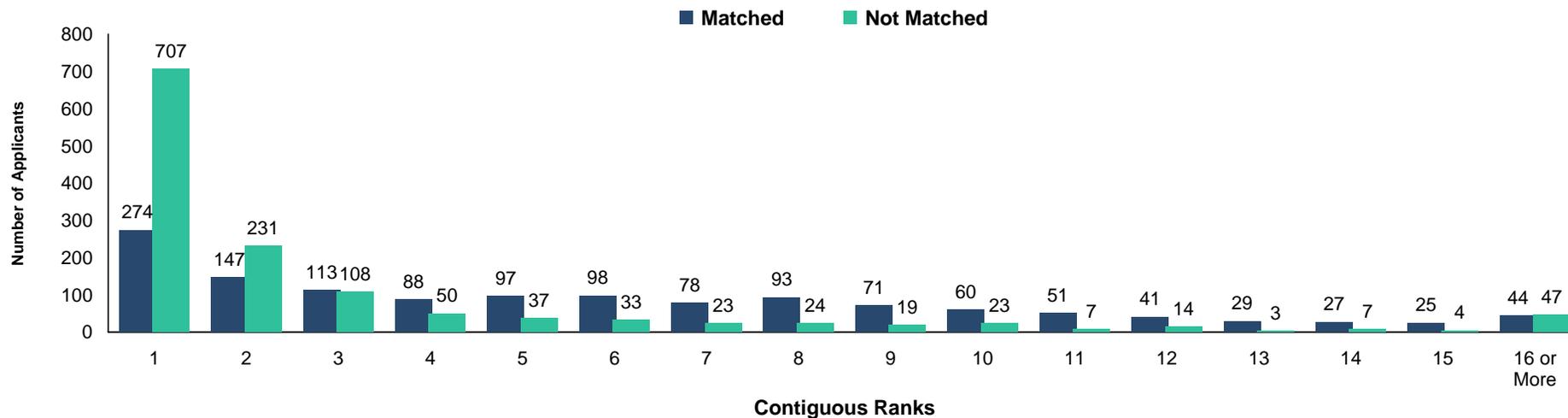
**Chart
FM-1**

**Number of Contiguous Ranks Within Preferred Specialty
Family Medicine**

U.S. Seniors

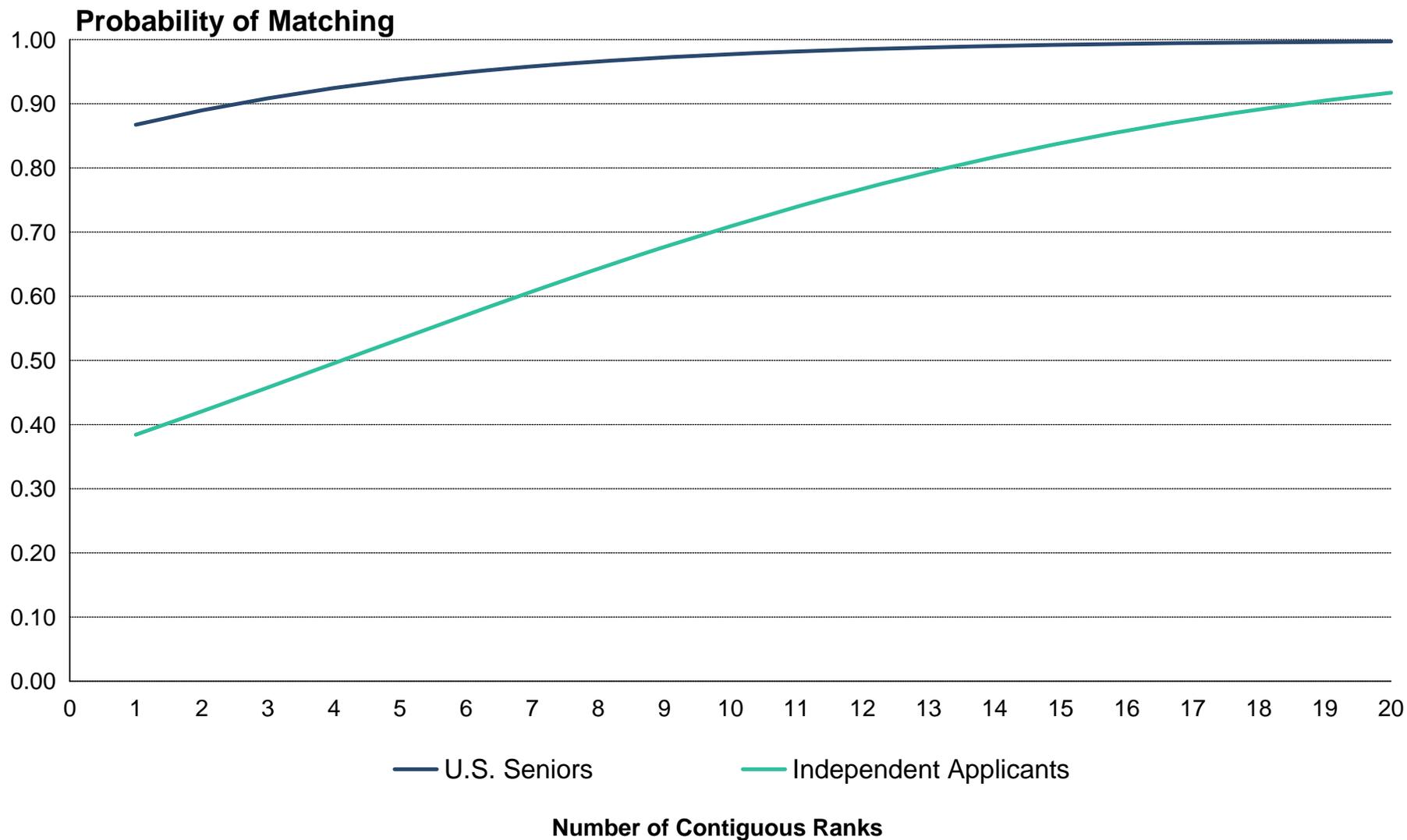


Independent Applicants



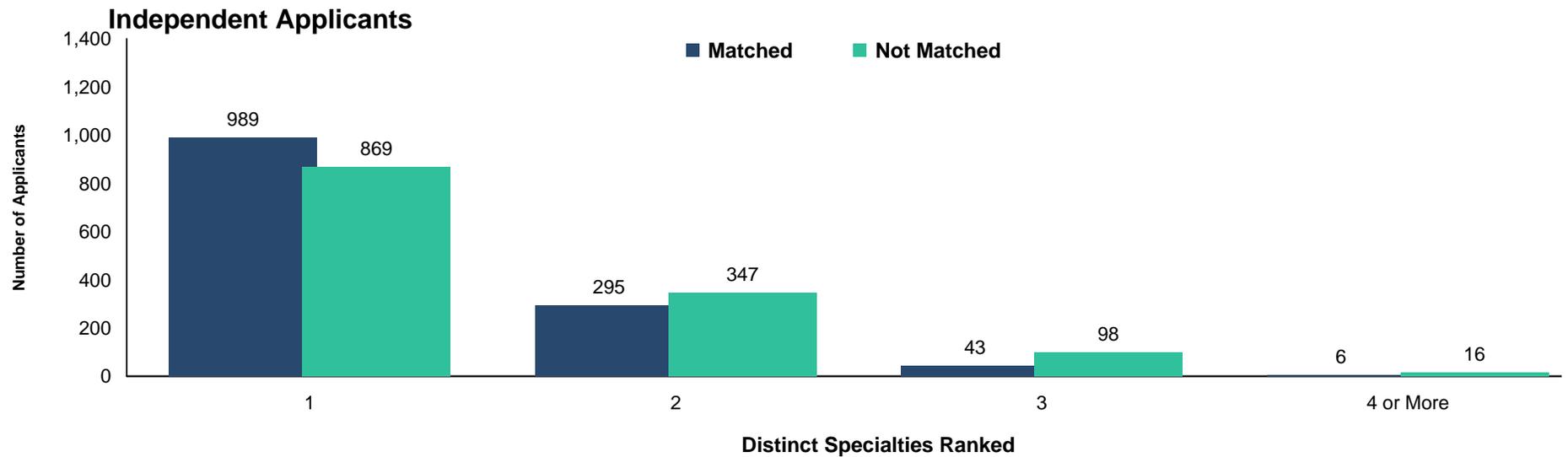
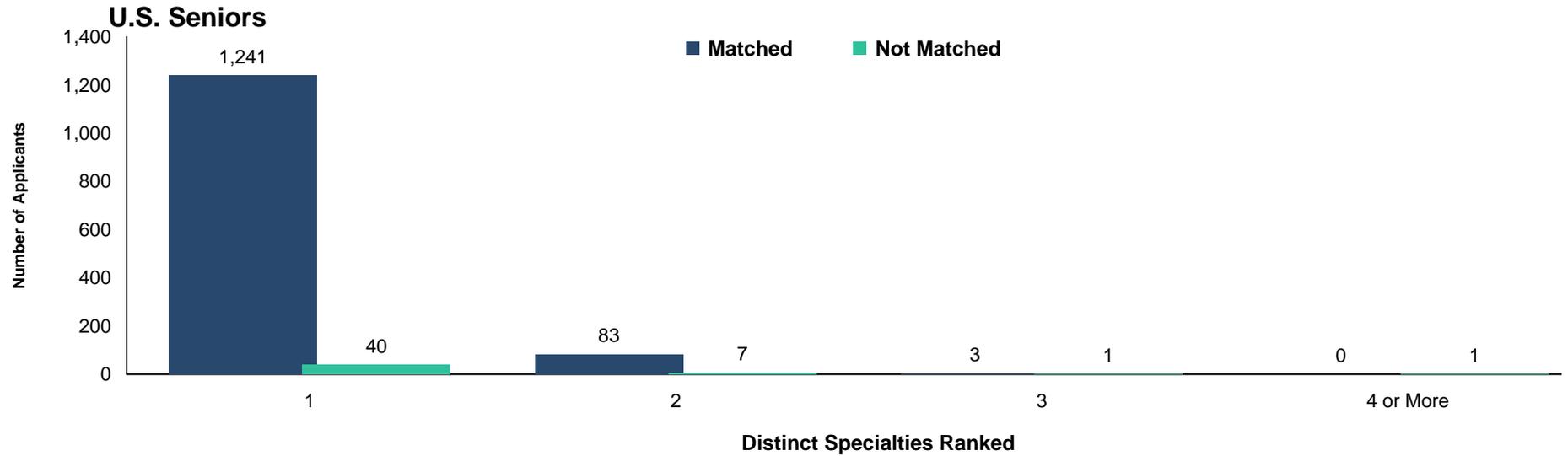
Source: NRMP Data Warehouse

Probability of Matching to Preferred Specialty by Number of Contiguous Ranks
Family Medicine



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2014 applicants only

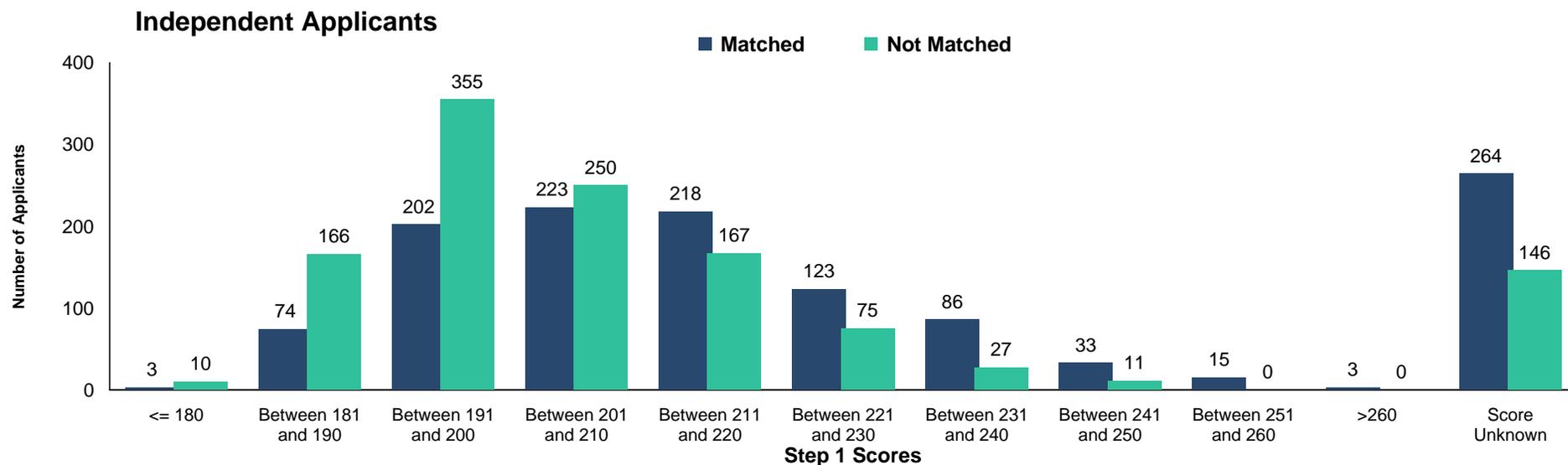
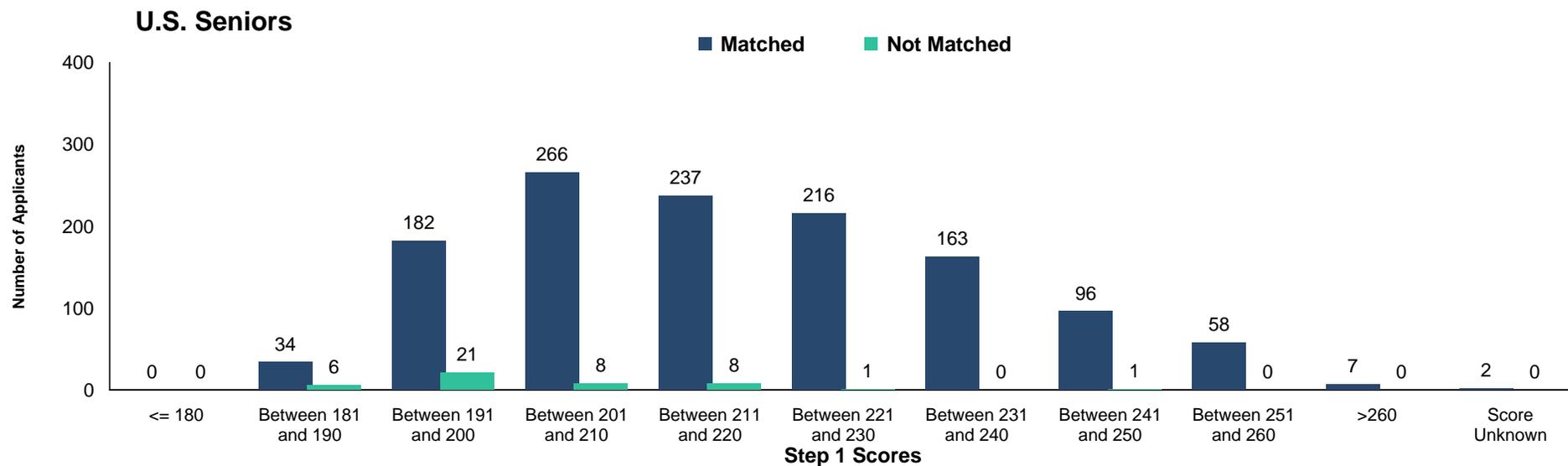
**Number of Distinct Specialties Ranked
*Family Medicine***



Source: NRMP Data Warehouse

**Chart
FM-3**

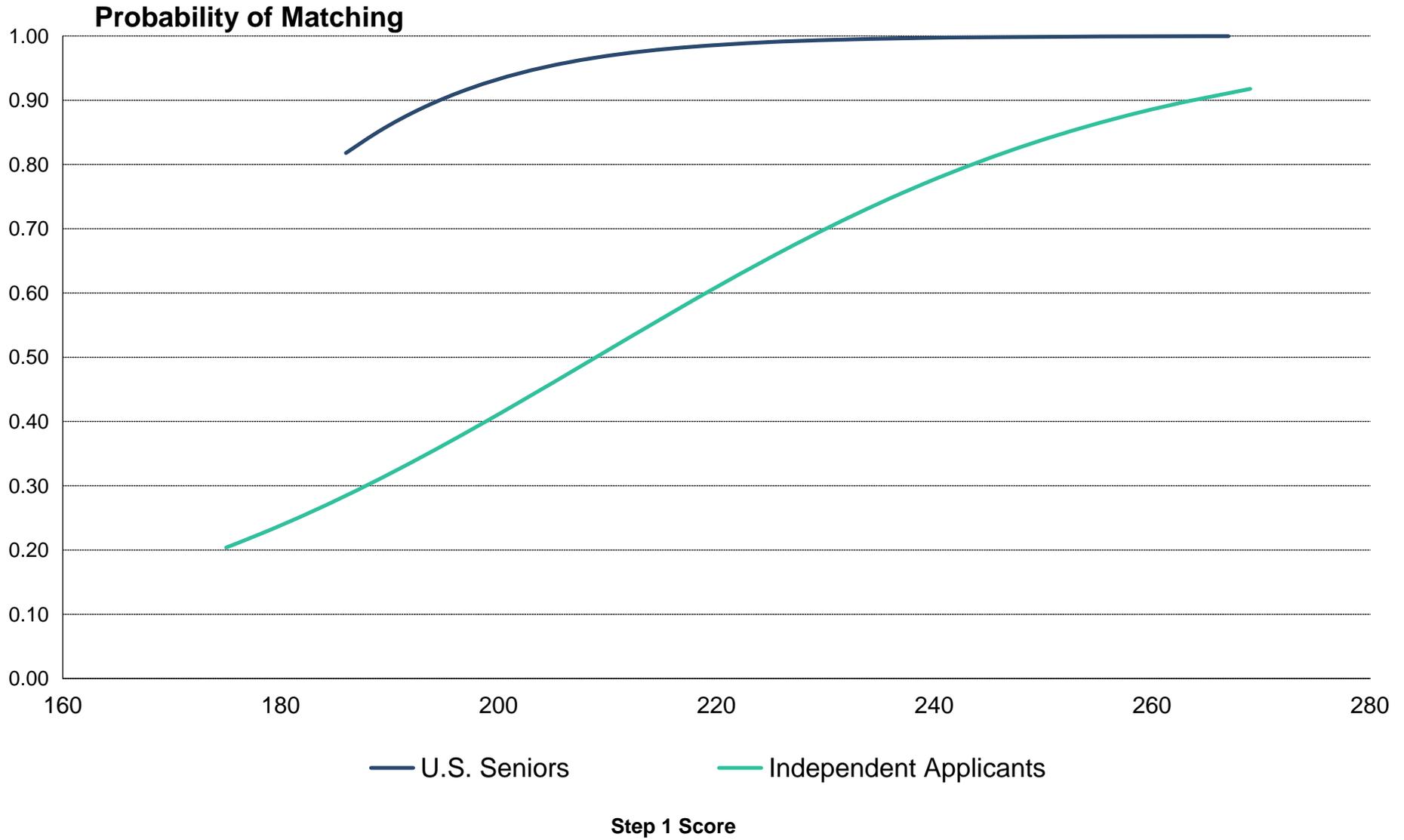
**USMLE Step 1 Scores
Family Medicine**



Source: NRMP Data Warehouse

Probability of Matching to Preferred Specialty by USMLE Step 1 Score

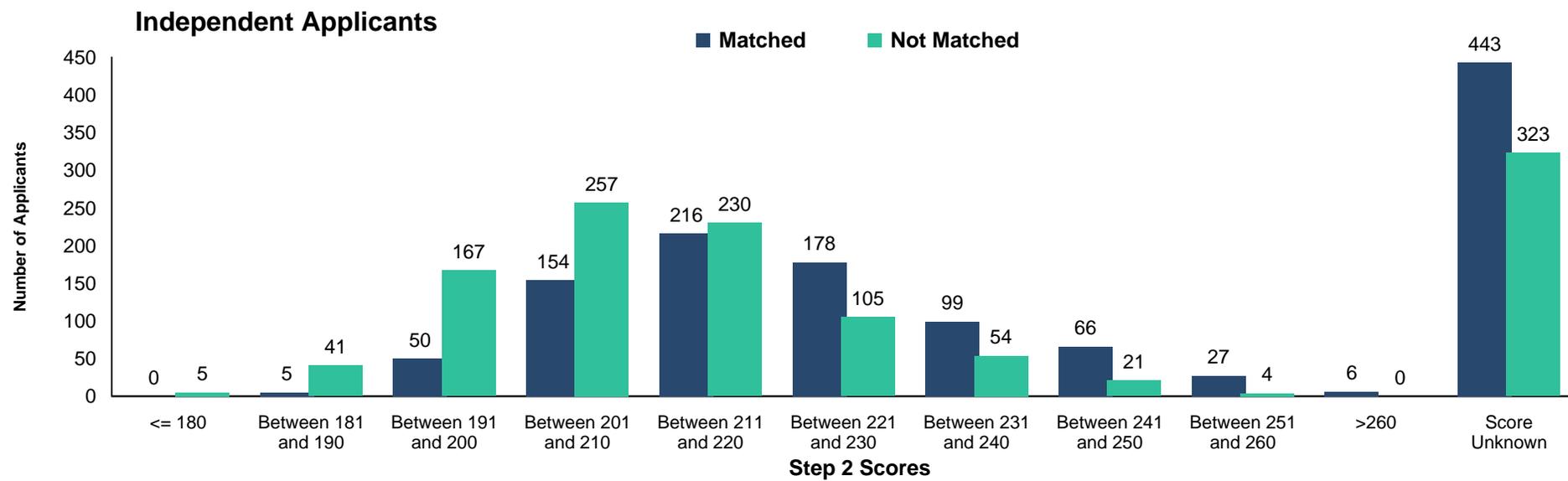
Family Medicine



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2014 applicants only.

**Chart
FM-4**

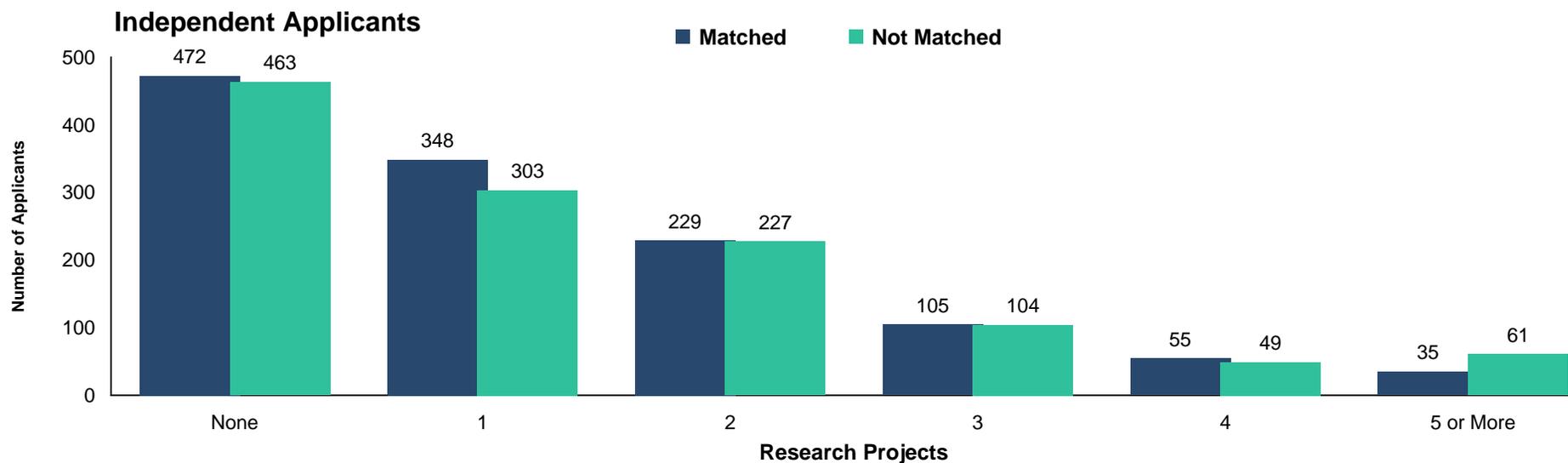
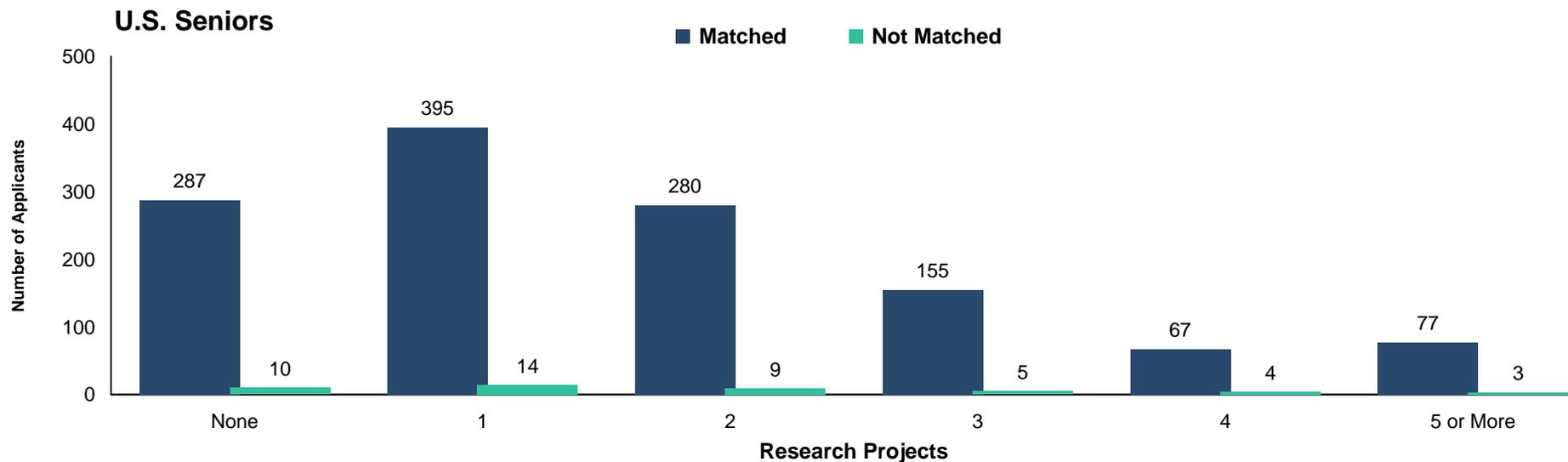
**USMLE Step 2 Scores
Family Medicine**



Source: NRMP Data Warehouse

**Chart
FM-5**

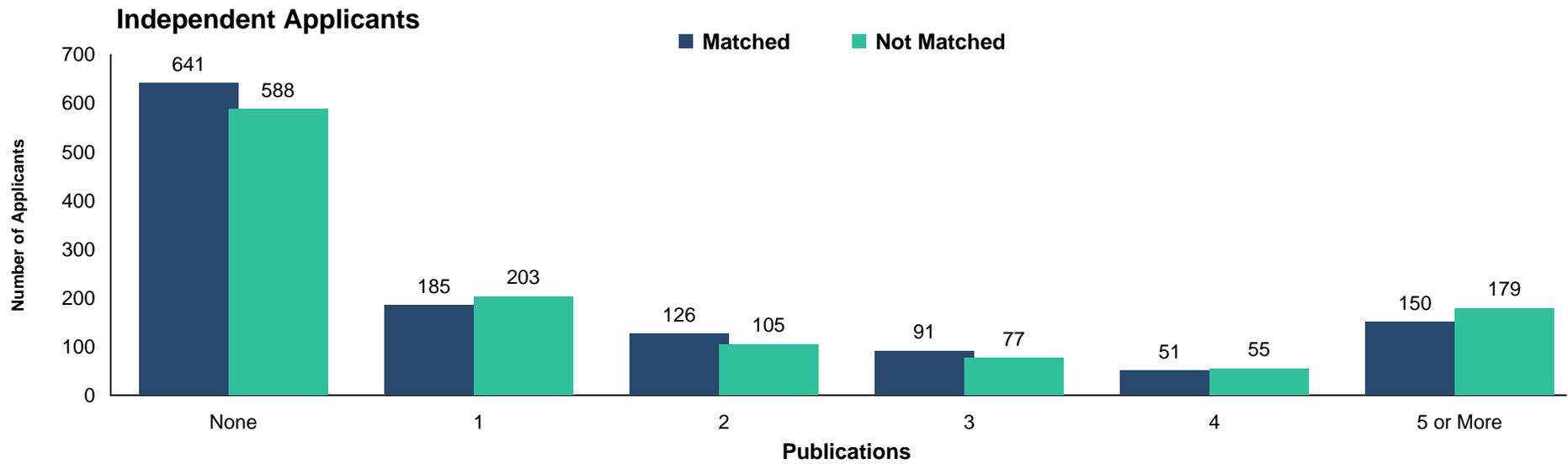
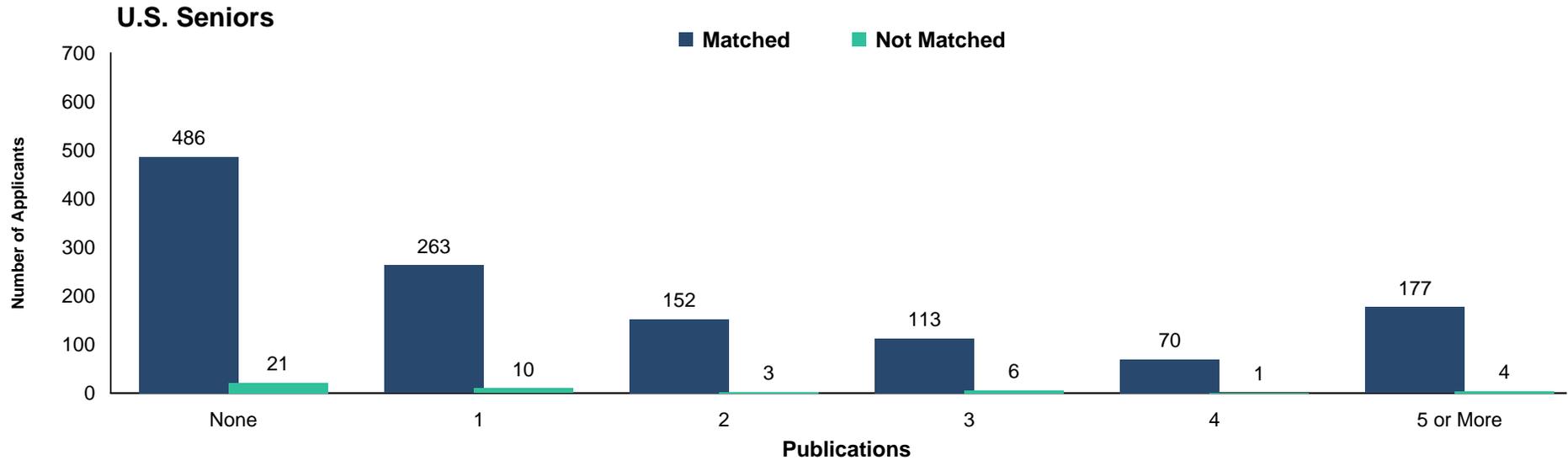
**Number of Research Projects
Family Medicine**



Source: NRMP Data Warehouse

**Chart
FM-6**

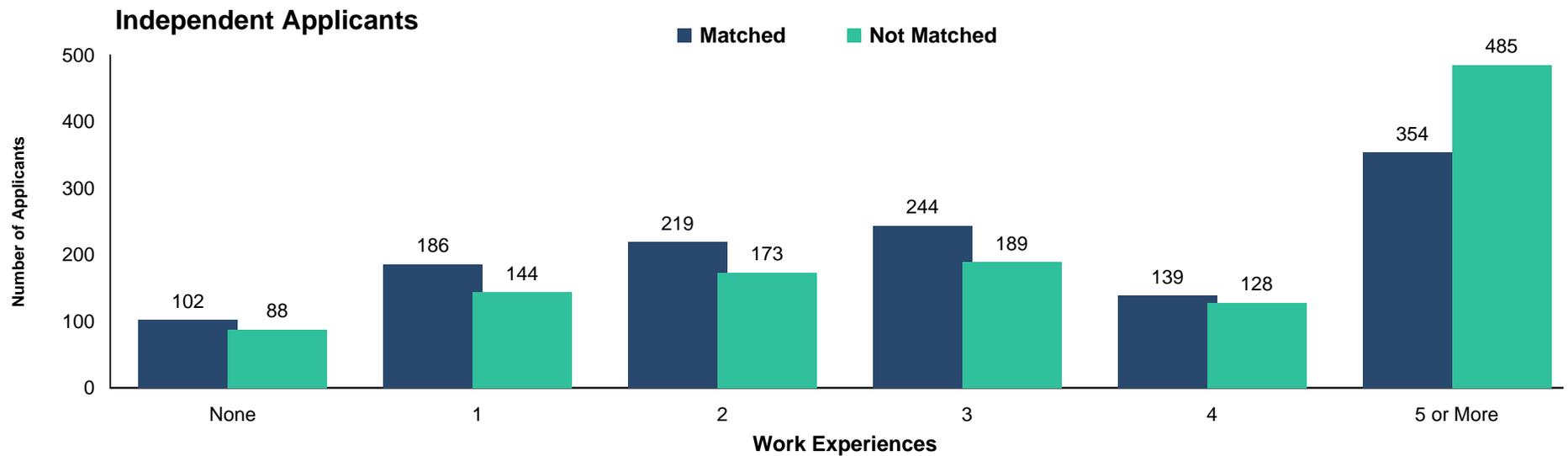
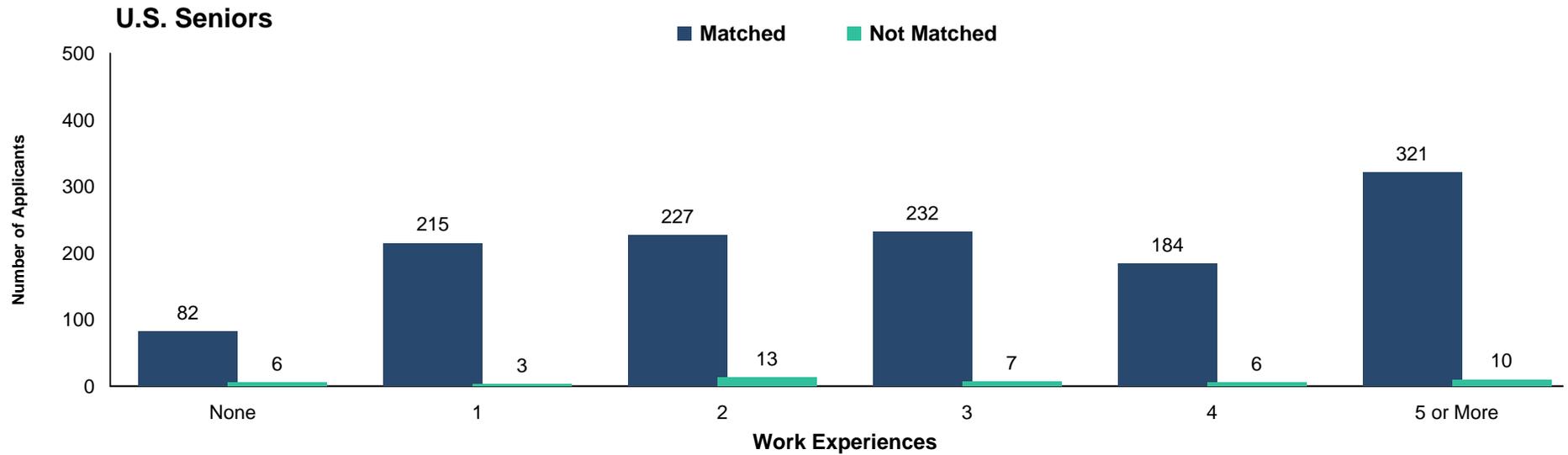
**Number of Abstracts, Presentations, and Publications
Family Medicine**



Source: NRMP Data Warehouse

**Chart
FM-7**

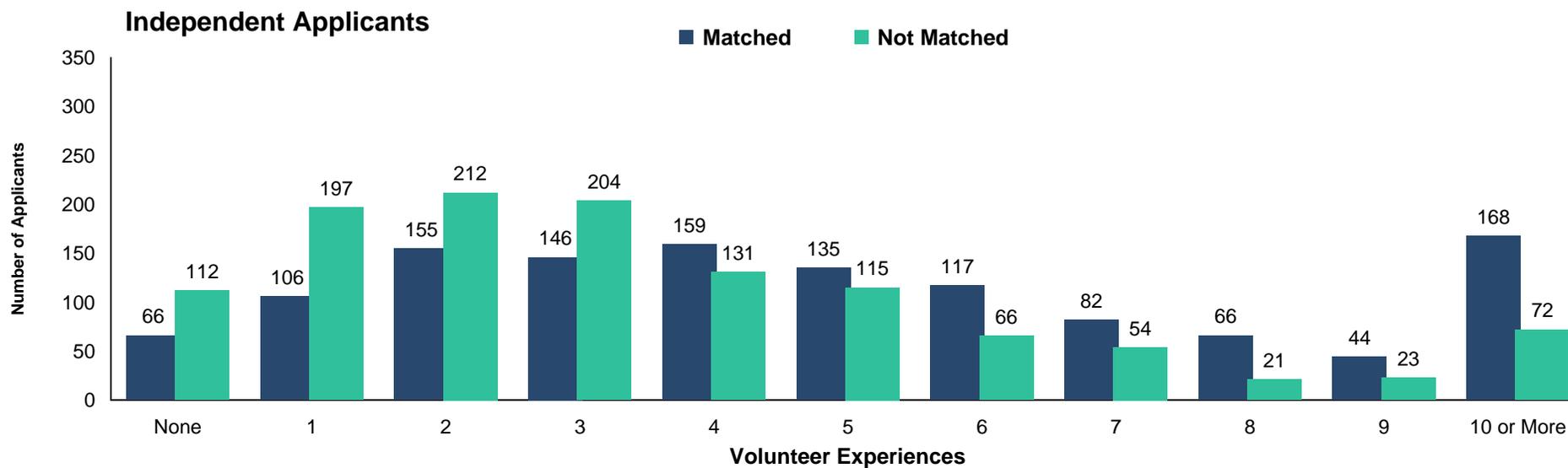
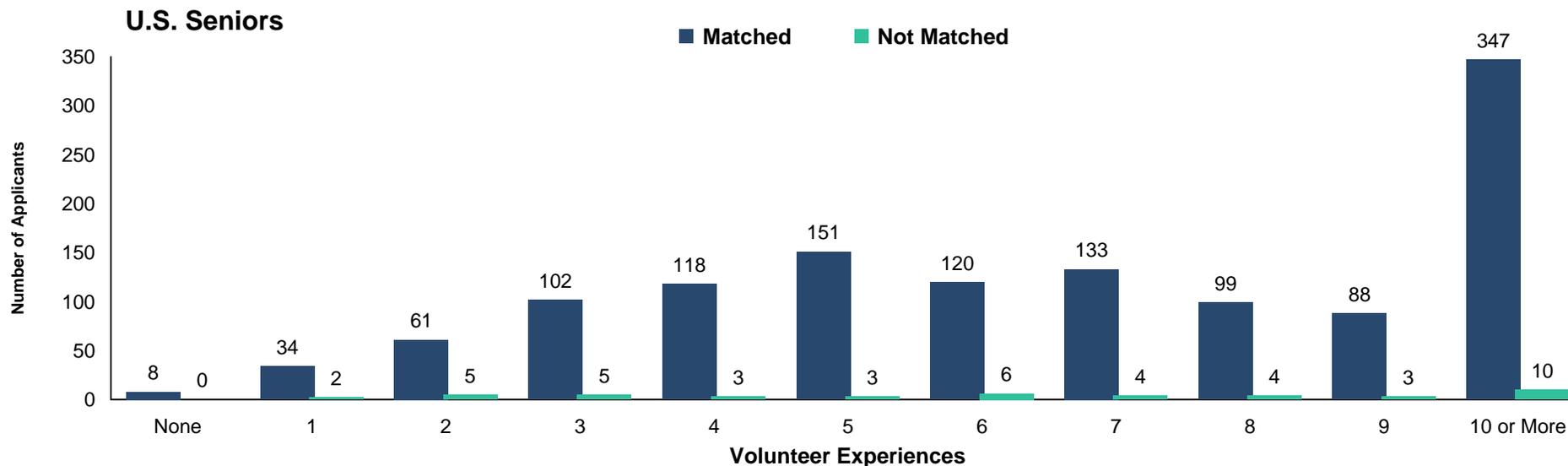
**Number of Work Experiences
Family Medicine**



Source: NRMP Data Warehouse

**Chart
FM-8**

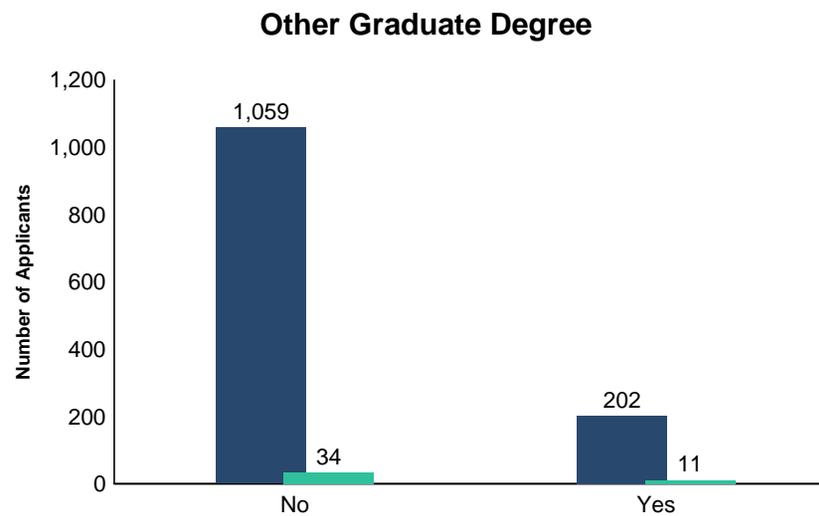
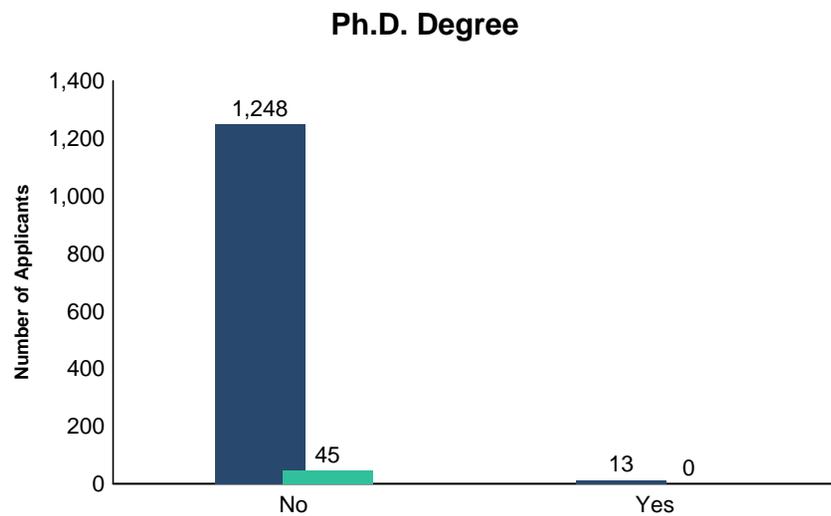
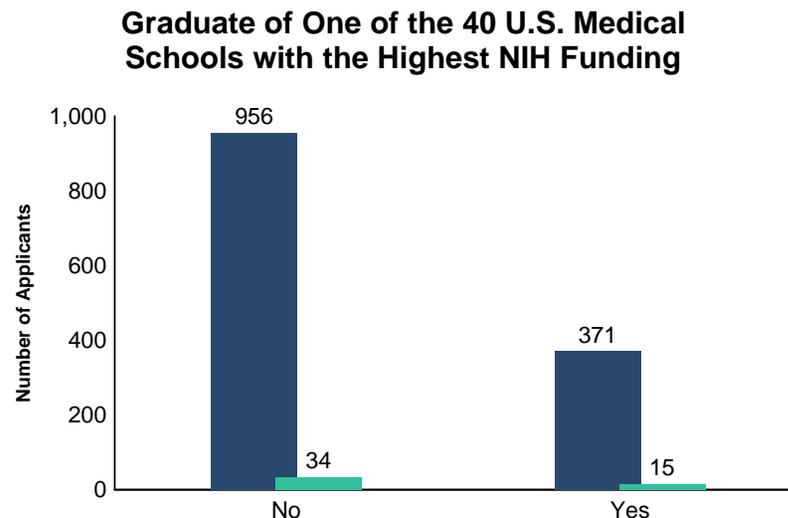
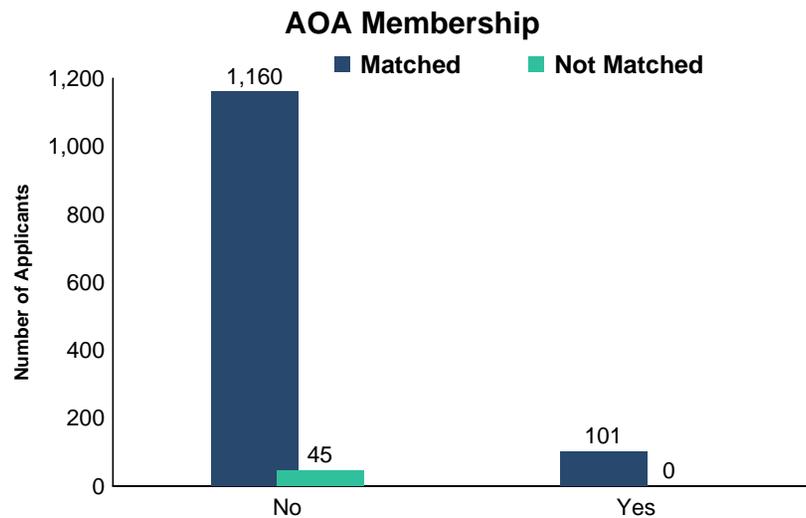
**Number of Volunteer Experiences
Family Medicine**



Source: NRMP Data Warehouse

**Chart
FM-9**

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



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

GS **General Surgery**

Table **Summary Statistics**
GS-1 **General Surgery**

Measure	U.S. Seniors		Independent Applicants	
	Matched (n=871)	Unmatched (n=158)	Matched (n=255)	Unmatched (n=549)
1. Mean number of contiguous ranks	12.4	5.8	5.2	2.7
2. Mean number of distinct specialties ranked	1.0	1.3	1.1	1.3
3. Mean USMLE Step 1 score	232	213	232	222
4. Mean USMLE Step 2 score	245	226	241	229
5. Mean number of research experiences	3.1	2.6	2.4	2.6
6. Mean number of abstracts, presentations, and publications	4.4	2.7	4.9	6.1
7. Mean number of work experiences	3.0	3.3	3.5	4.1
8. Mean number of volunteer experiences	6.7	6.5	5.0	4.3
9. Percentage who are AOA members	15.3	2.0	n/a	n/a
10. Percentage who graduated from one of the 40 U.S. medical schools with the highest NIH funding	32.5	15.8	n/a	n/a
11. Percentage who have Ph.D. degree	2.0	3.3	n/a	n/a
12. Percentage who have another graduate degree	15.1	17.3	n/a	n/a

n/a: The measure either does not apply to, applies to only a small percentage of, or no reliable data were available for independent applicants.

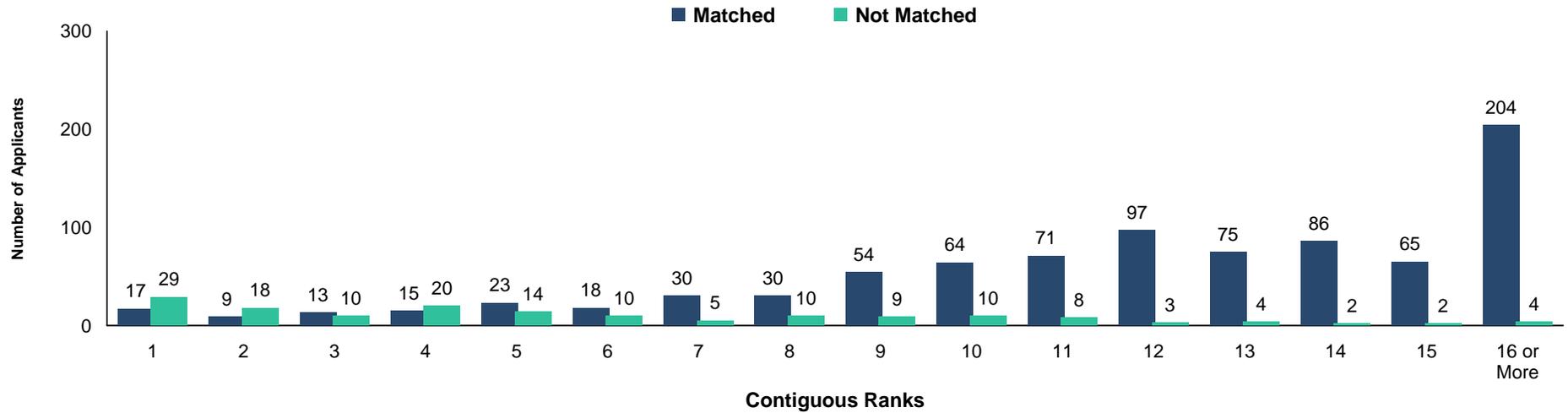
Sources. NRMP Data Warehouse; Top 40 U.S. medical schools with the highest NIH funding in measure 10 is from the NIH website (<http://report.nih.gov/award/index.cfm>).

Note: Measures 3-9 and 11-12 included only applicants who gave consent to use their information in research. USMLE Step scores are not available for most osteopathic medical school students and graduates included in the independent applicant group.

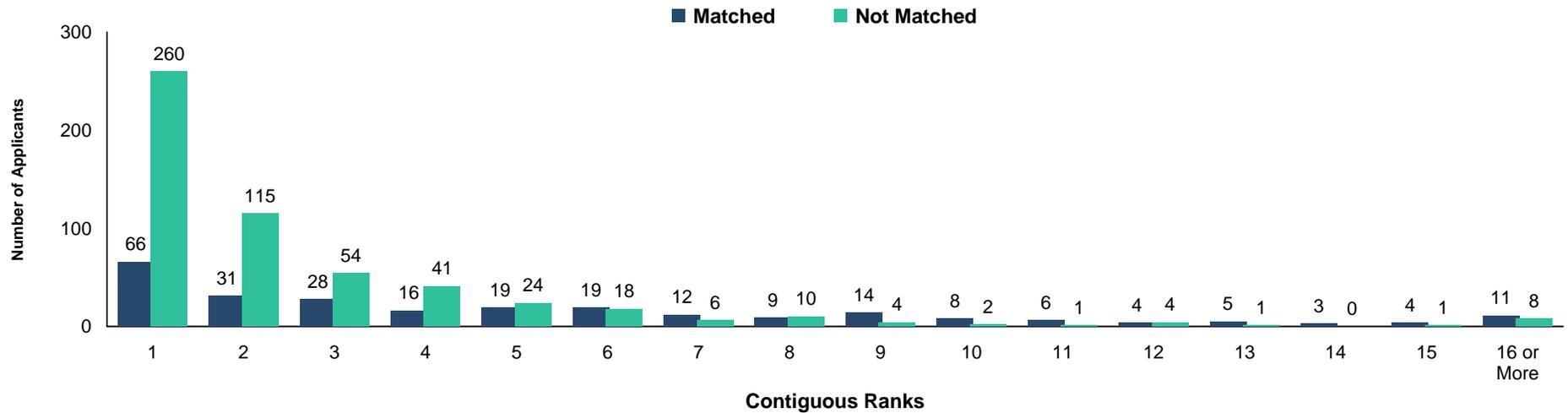
**Chart
GS-1**

**Number of Contiguous Ranks Within Preferred Specialty
General Surgery**

U.S. Seniors

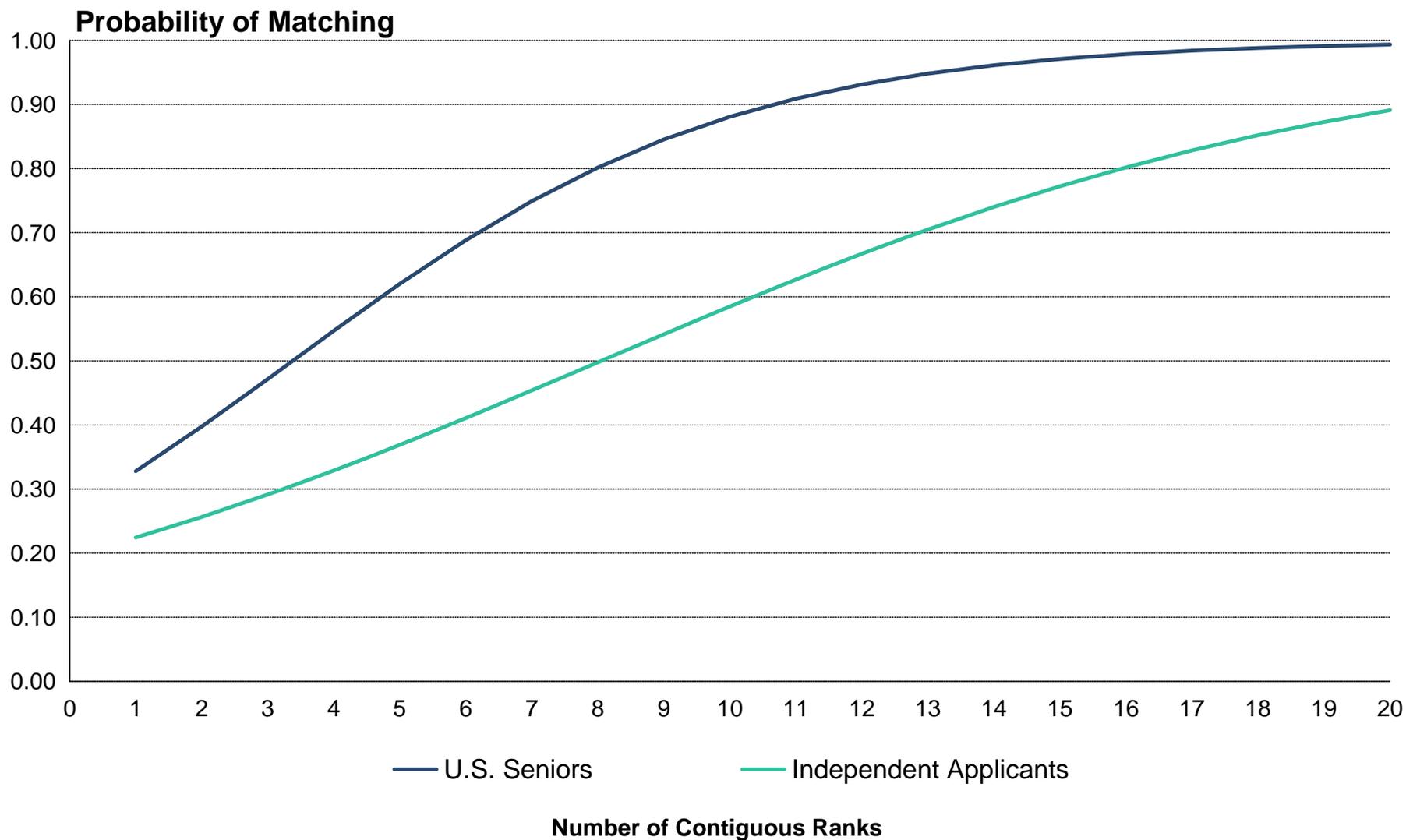


Independent Applicants



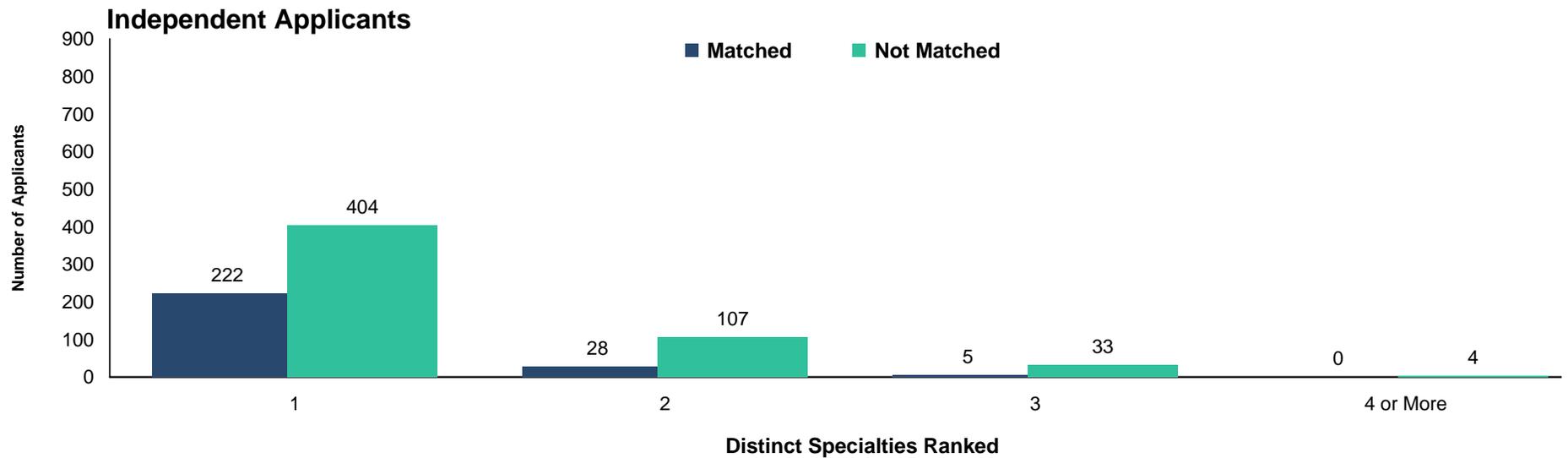
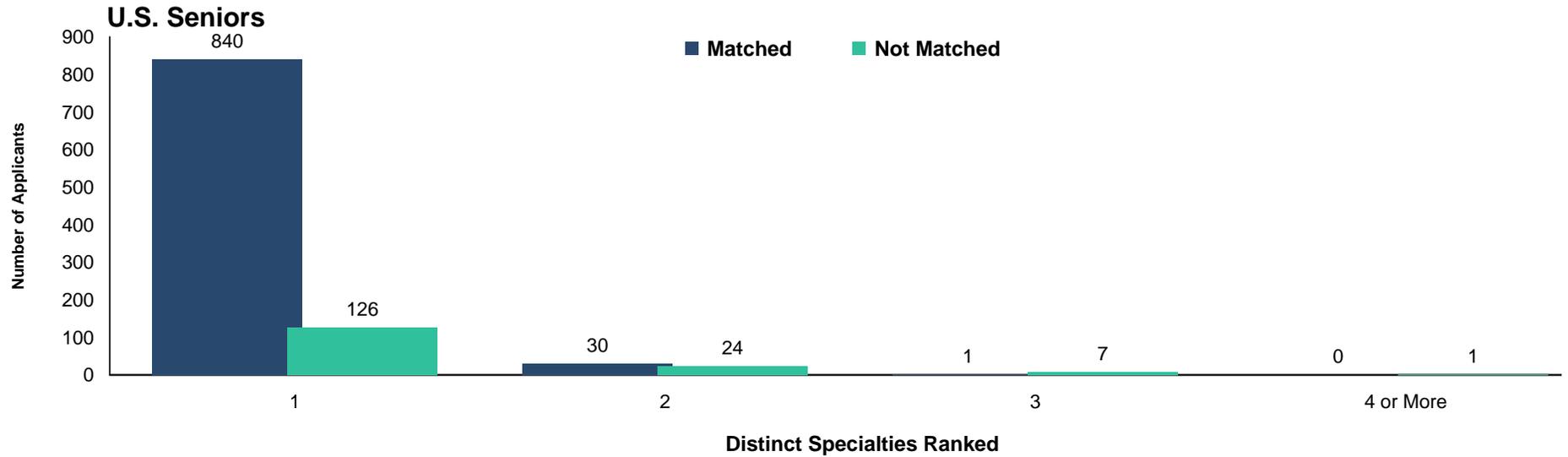
Source: NRMP Data Warehouse

Probability of Matching to Preferred Specialty by Number of Contiguous Ranks
General Surgery



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2014 applicants only

**Number of Distinct Specialties Ranked
General Surgery**

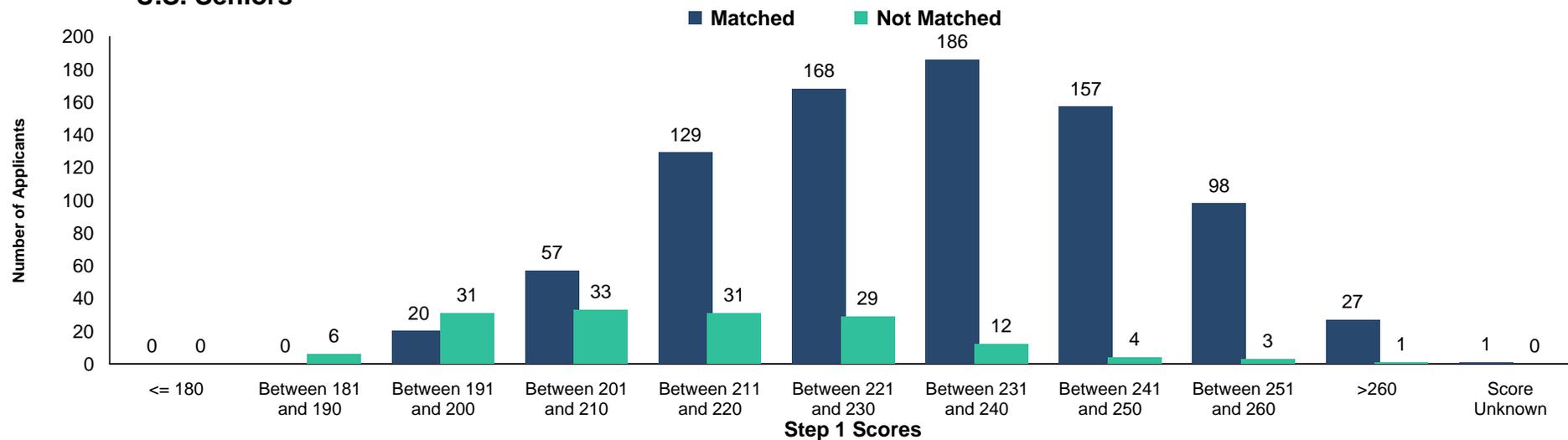


Source: NRMP Data Warehouse

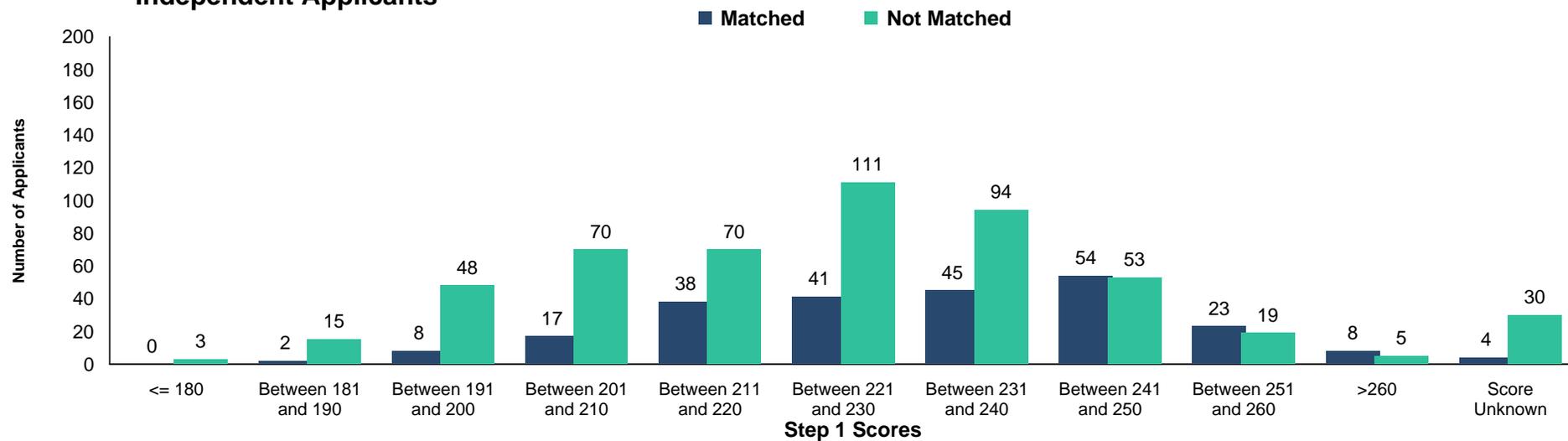
**Chart
GS-3**

**USMLE Step 1 Scores
General Surgery**

U.S. Seniors



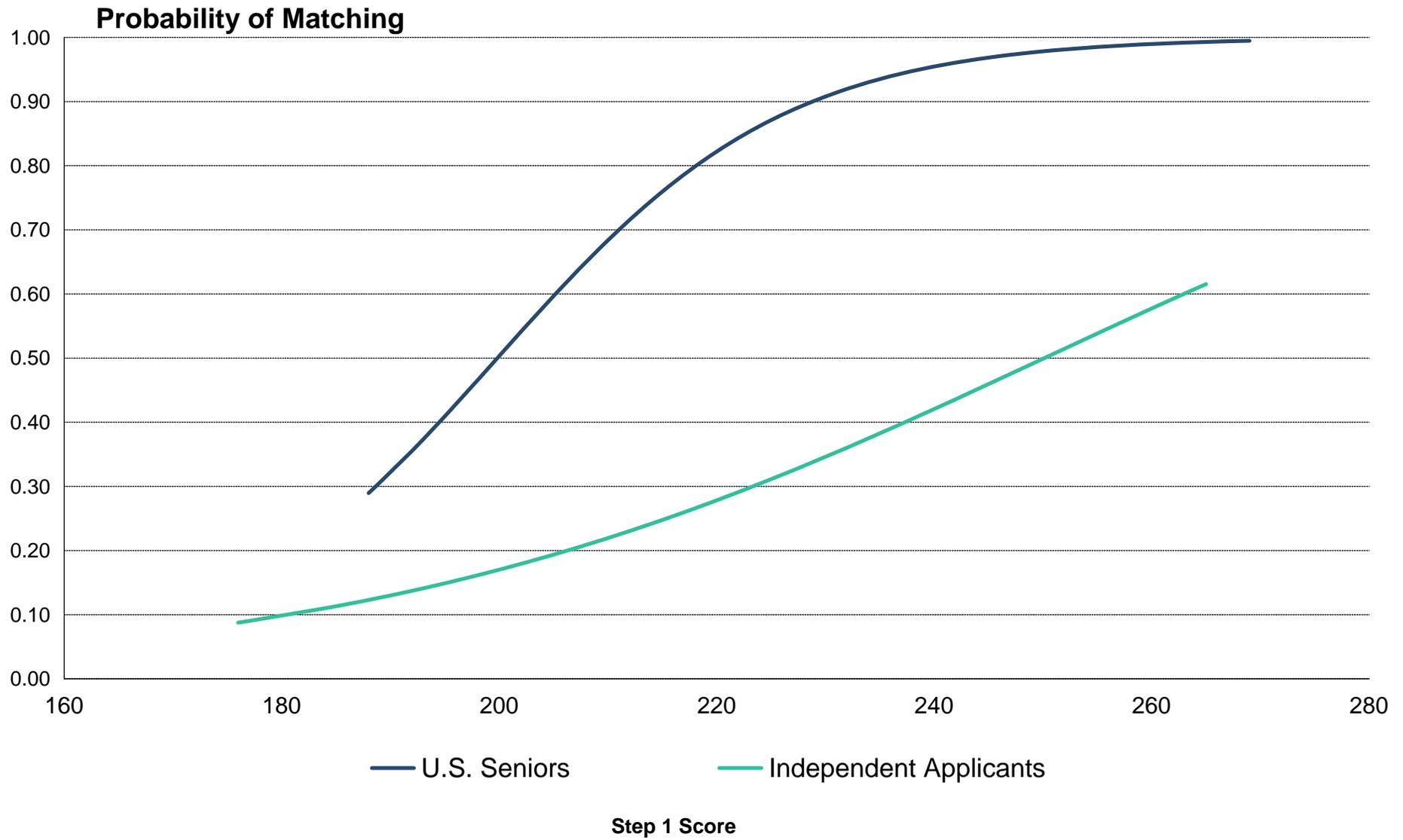
Independent Applicants



Source: NRMP Data Warehouse

**Graph
GS-2**

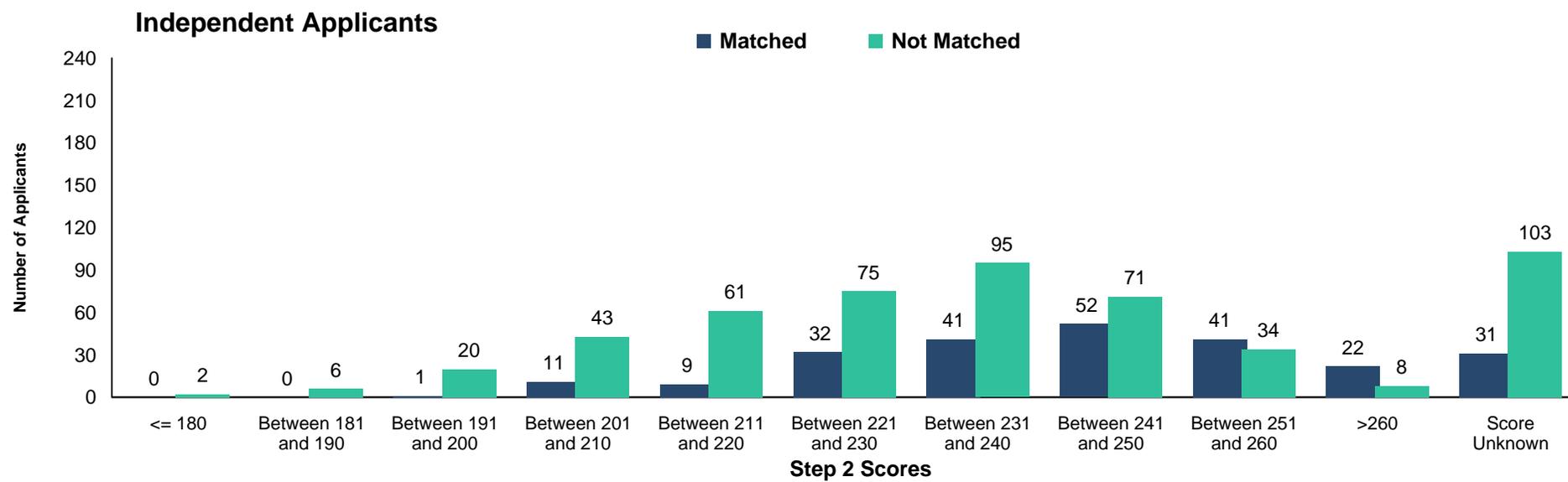
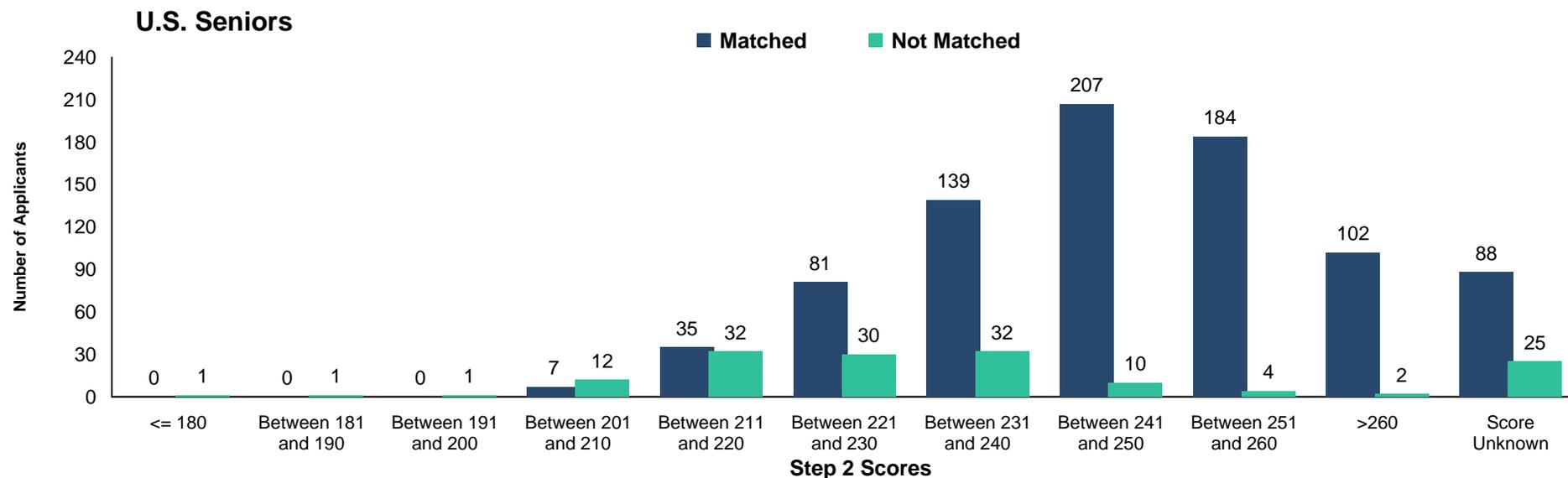
Probability of Matching to Preferred Specialty by USMLE Step 1 Score
General Surgery



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2014 applicants only.

**Chart
GS-4**

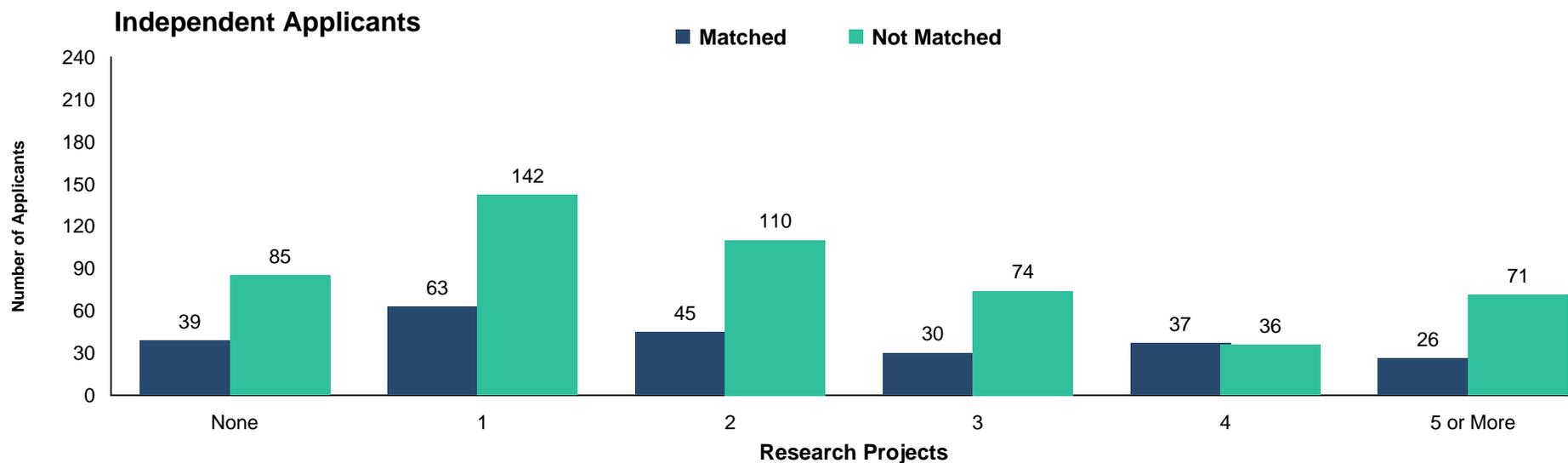
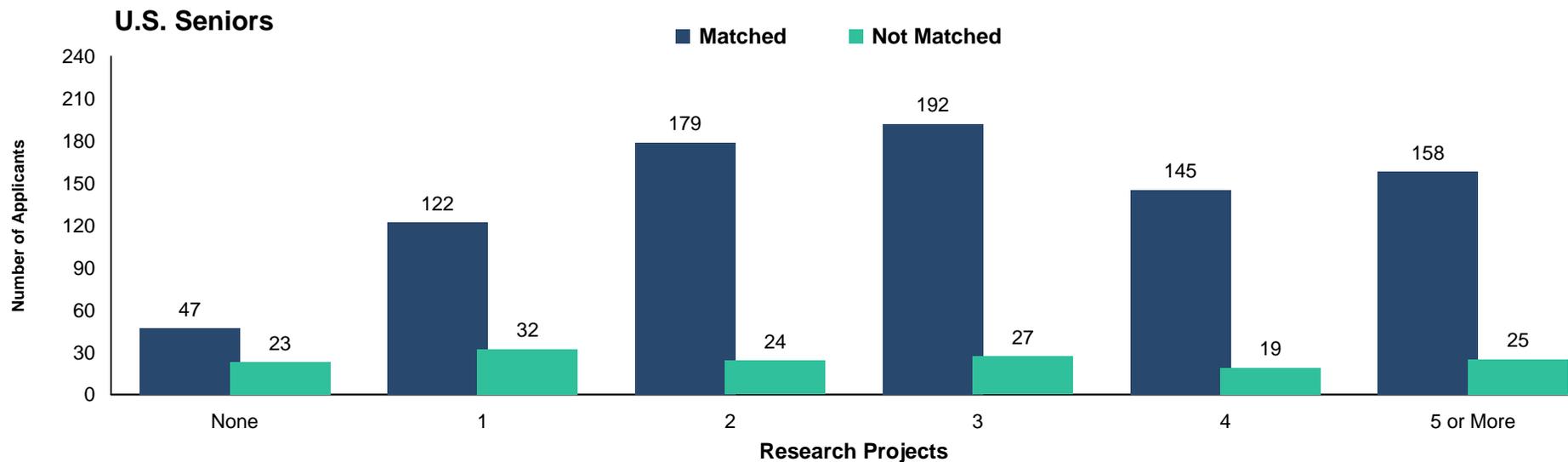
**USMLE Step 2 Scores
General Surgery**



Source: NRMP Data Warehouse

**Chart
GS-5**

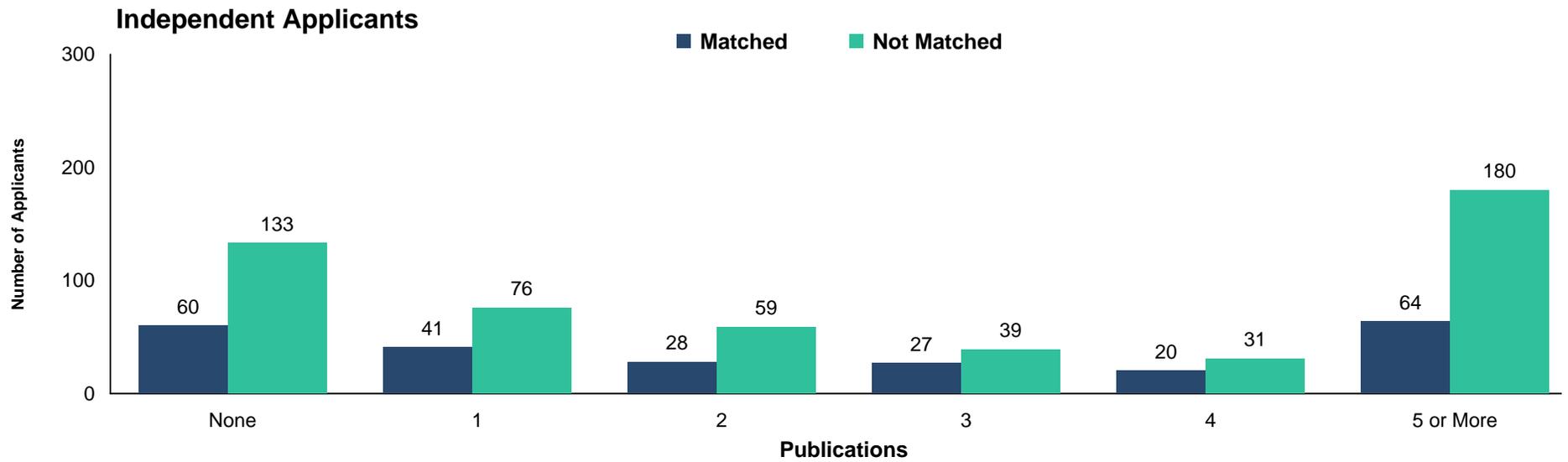
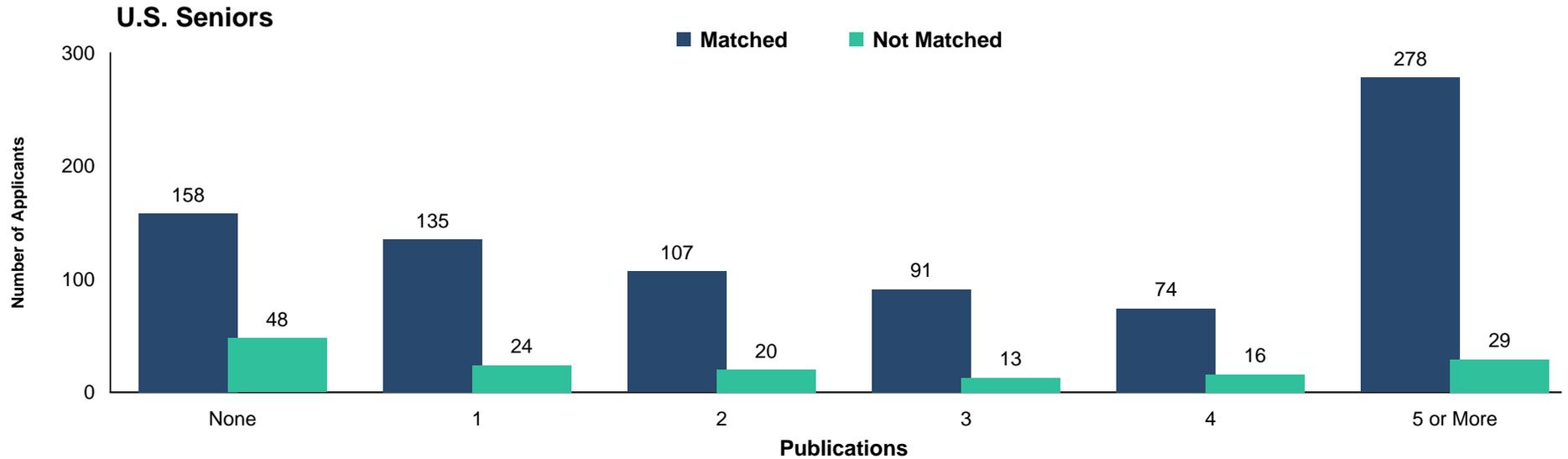
**Number of Research Projects
General Surgery**



Source: NRMP Data Warehouse

**Chart
GS-6**

**Number of Abstracts, Presentations, and Publications
General Surgery**

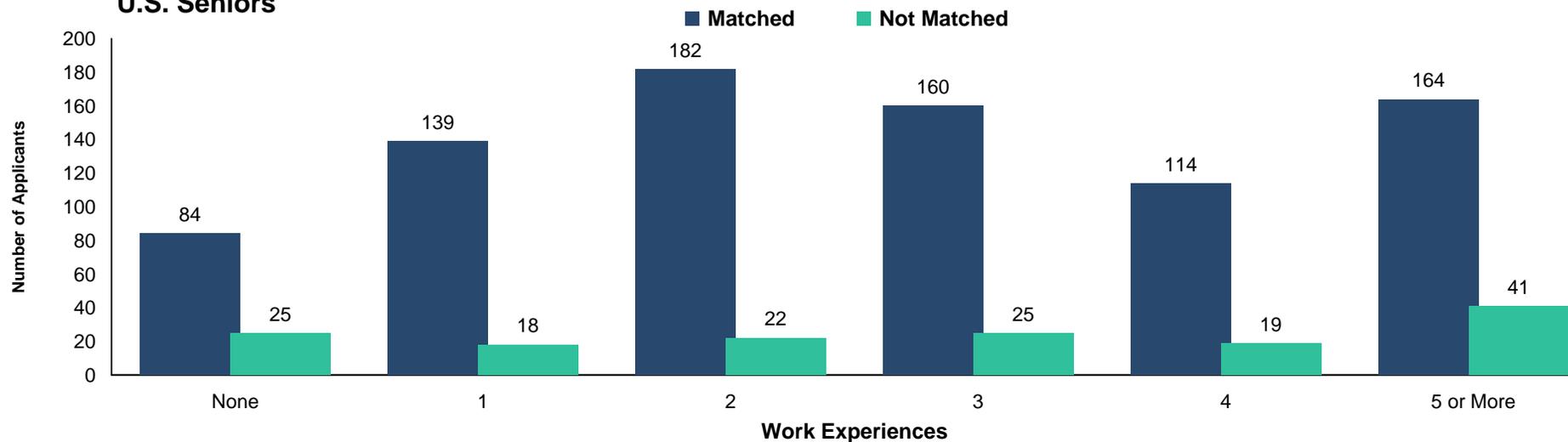


Source: NRMP Data Warehouse

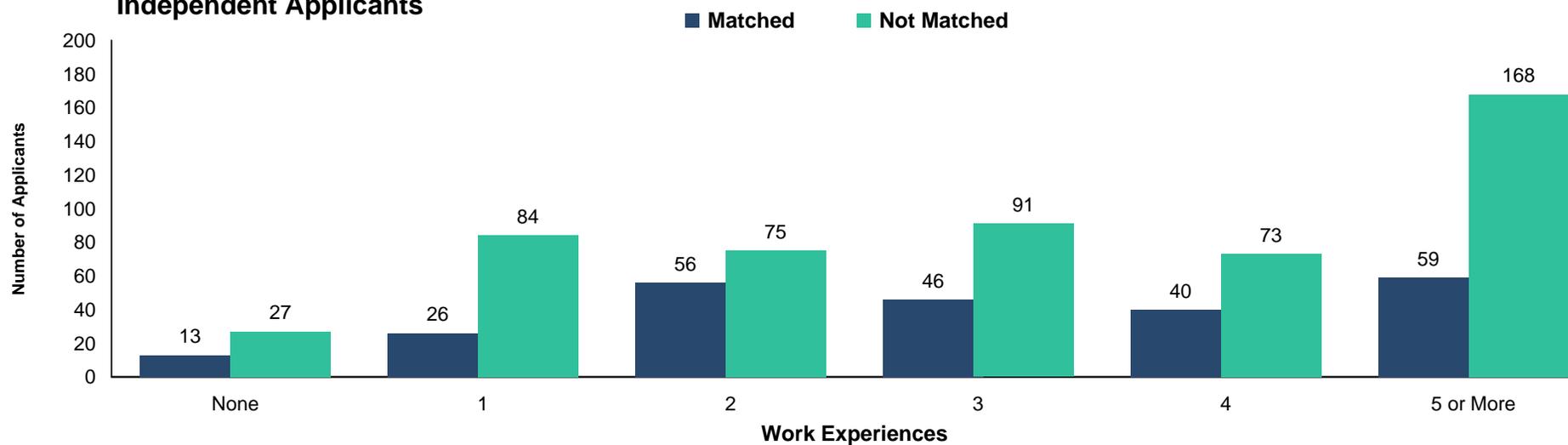
**Chart
GS-7**

**Number of Work Experiences
General Surgery**

U.S. Seniors



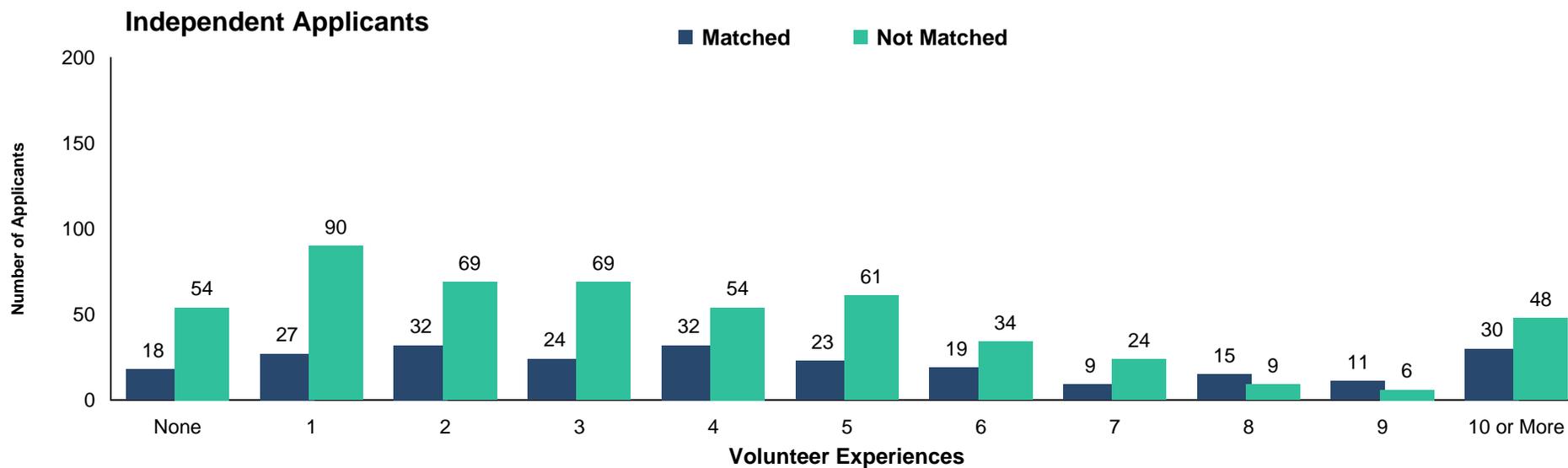
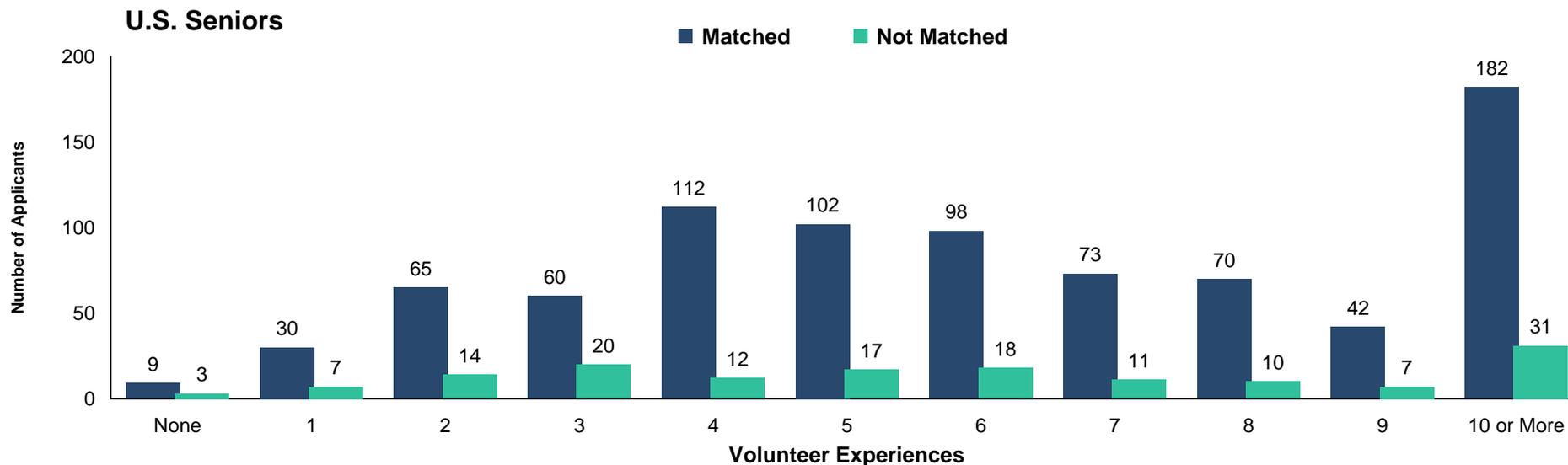
Independent Applicants



Source: NRMP Data Warehouse

**Chart
GS-8**

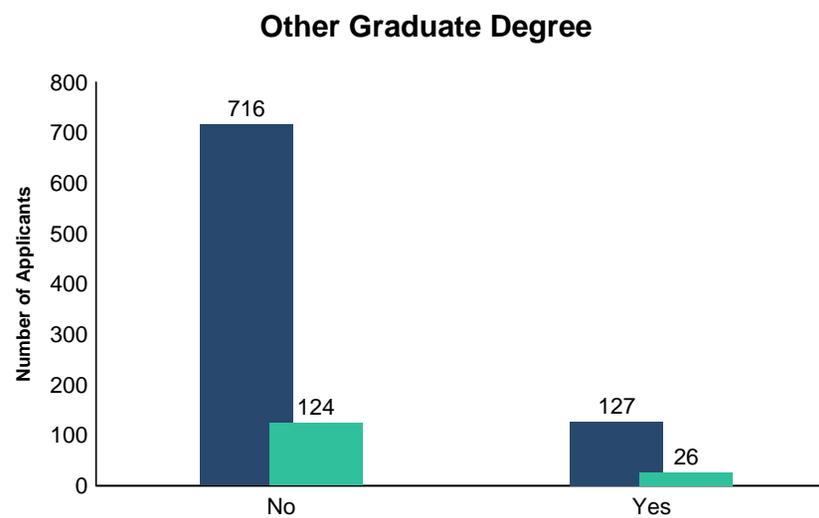
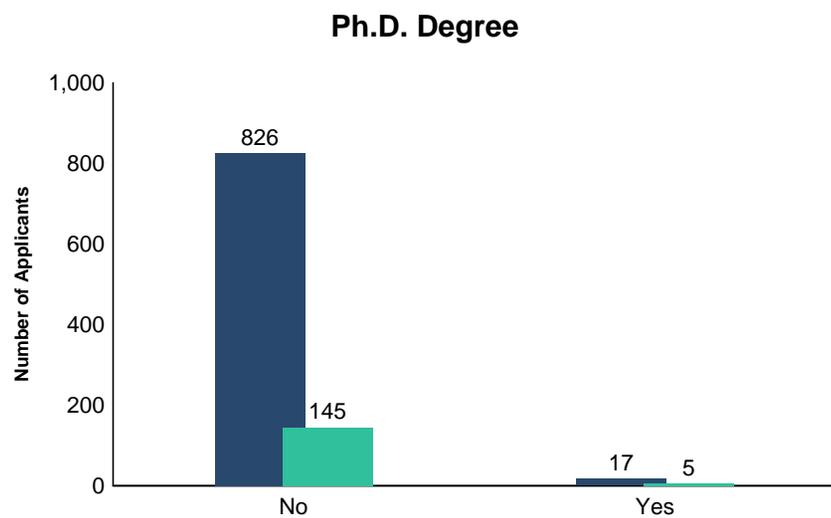
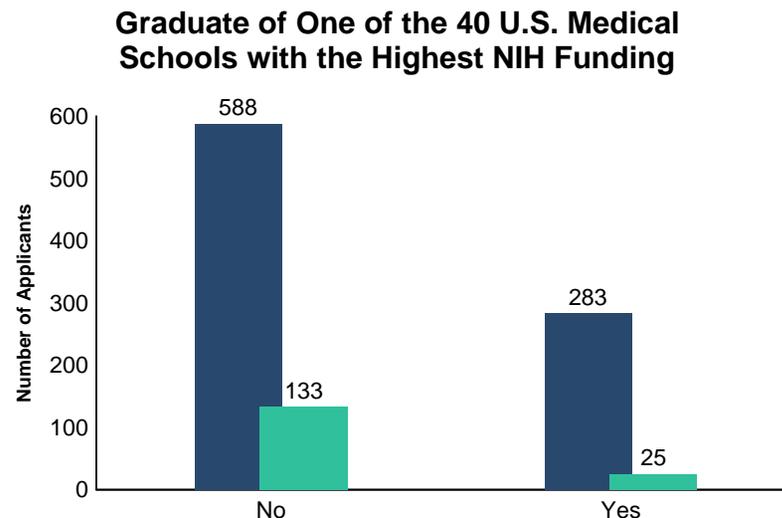
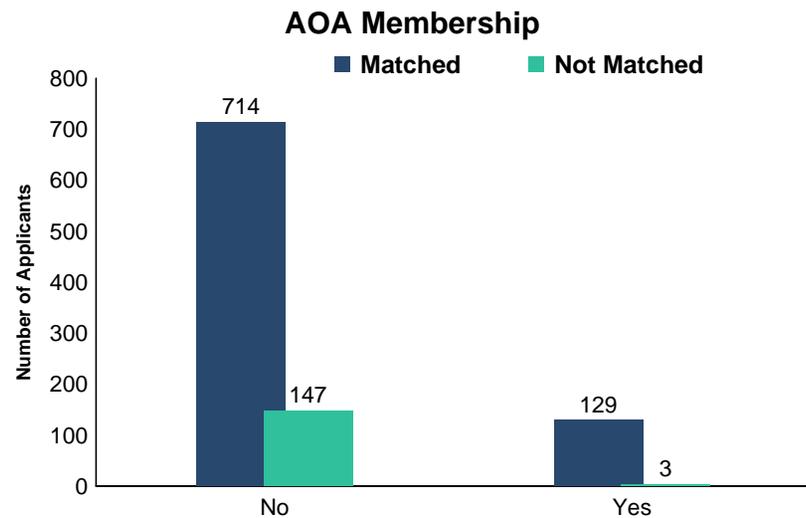
**Number of Volunteer Experiences
General Surgery**



Source: NRMP Data Warehouse

**Chart
GS-9**

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



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

IM

Internal Medicine

Table **Summary Statistics**
IM-1 *Internal Medicine*

Measure	U.S. Seniors		Independent Applicants	
	Matched (n=3,300)	Unmatched (n=105)	Matched (n=3,194)	Unmatched (n=2,715)
1. Mean number of contiguous ranks	11.2	4.0	7.0	2.4
2. Mean number of distinct specialties ranked	1.1	1.4	1.3	1.4
3. Mean USMLE Step 1 score	231	210	229	214
4. Mean USMLE Step 2 score	243	219	237	221
5. Mean number of research experiences	2.6	2.6	1.8	1.6
6. Mean number of abstracts, presentations, and publications	3.9	2.8	3.2	3.2
7. Mean number of work experiences	2.7	2.6	4.3	4.8
8. Mean number of volunteer experiences	6.7	5.9	3.8	3.2
9. Percentage who are AOA members	16.4	0.0	n/a	n/a
10. Percentage who graduated from one of the 40 U.S. medical schools with the highest NIH funding	35.9	19.0	n/a	n/a
11. Percentage who have Ph.D. degree	4.2	4.1	n/a	n/a
12. Percentage who have another graduate degree	16.0	19.6	n/a	n/a

n/a: The measure either does not apply to, applies to only a small percentage of, or no reliable data were available for independent applicants.

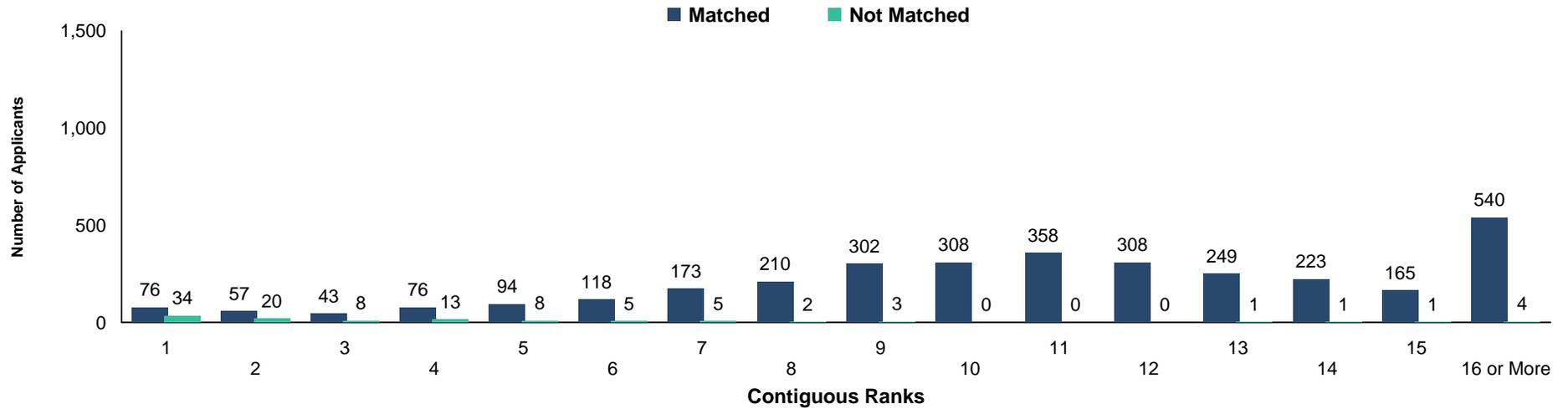
Sources. NRMP Data Warehouse; Top 40 U.S. medical schools with the highest NIH funding in measure 10 is from the NIH website (<http://report.nih.gov/award/index.cfm>).

Note: Measures 3-9 and 11-12 included only applicants who gave consent to use their information in research. USMLE Step scores are not available for most osteopathic medical school students and graduates included in the independent applicant group.

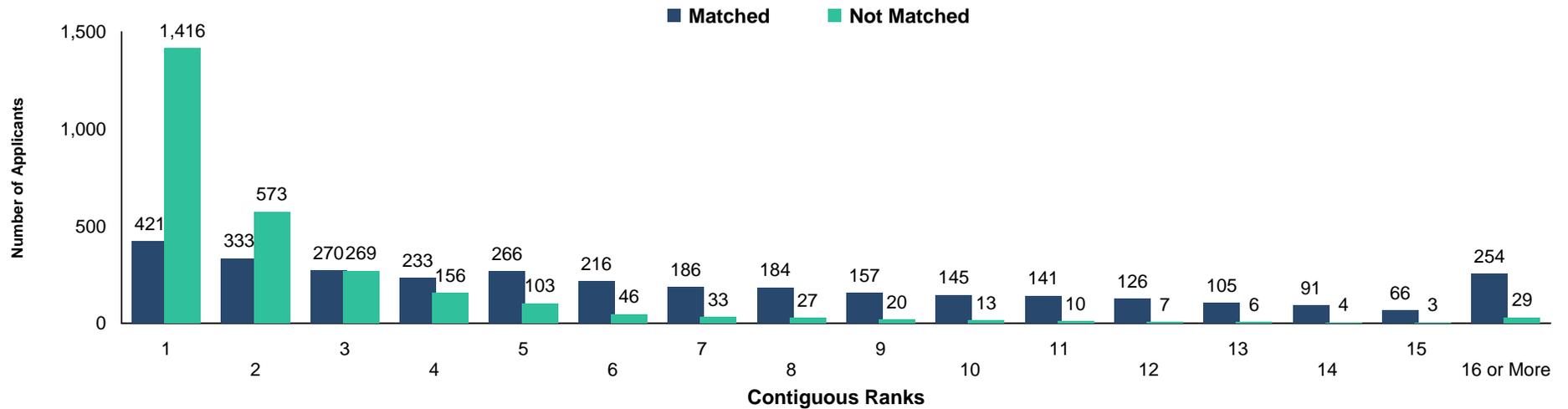
**Chart
IM-1**

**Number of Contiguous Ranks Within Preferred Specialty
Internal Medicine**

U.S. Seniors

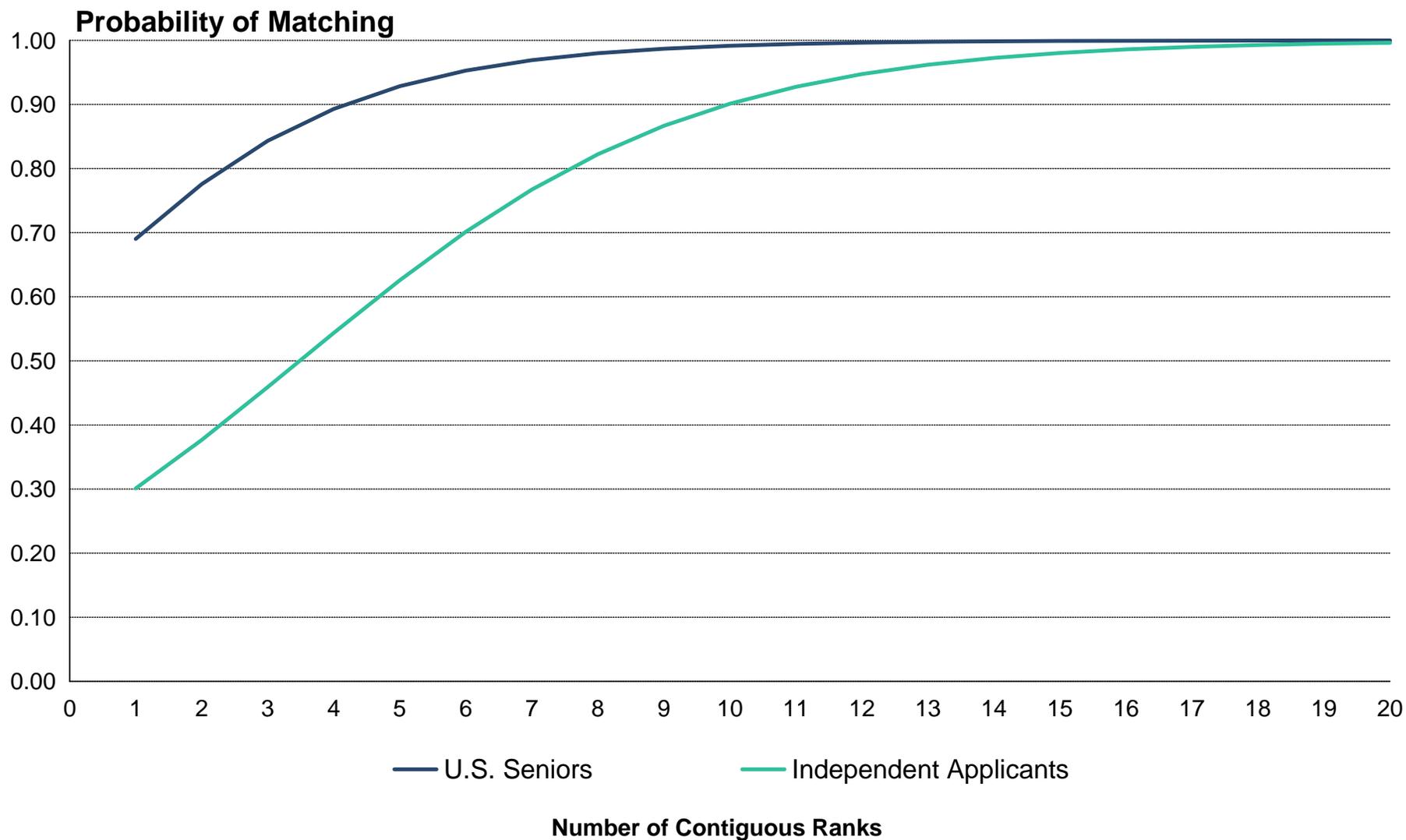


Independent Applicants



Source: NRMP Data Warehouse

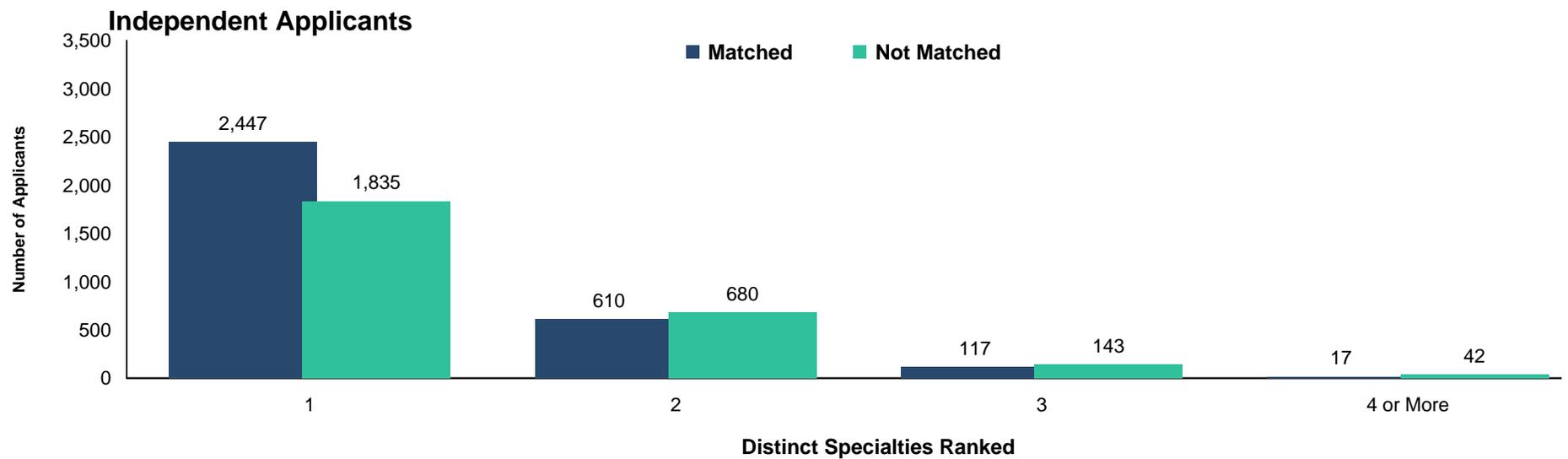
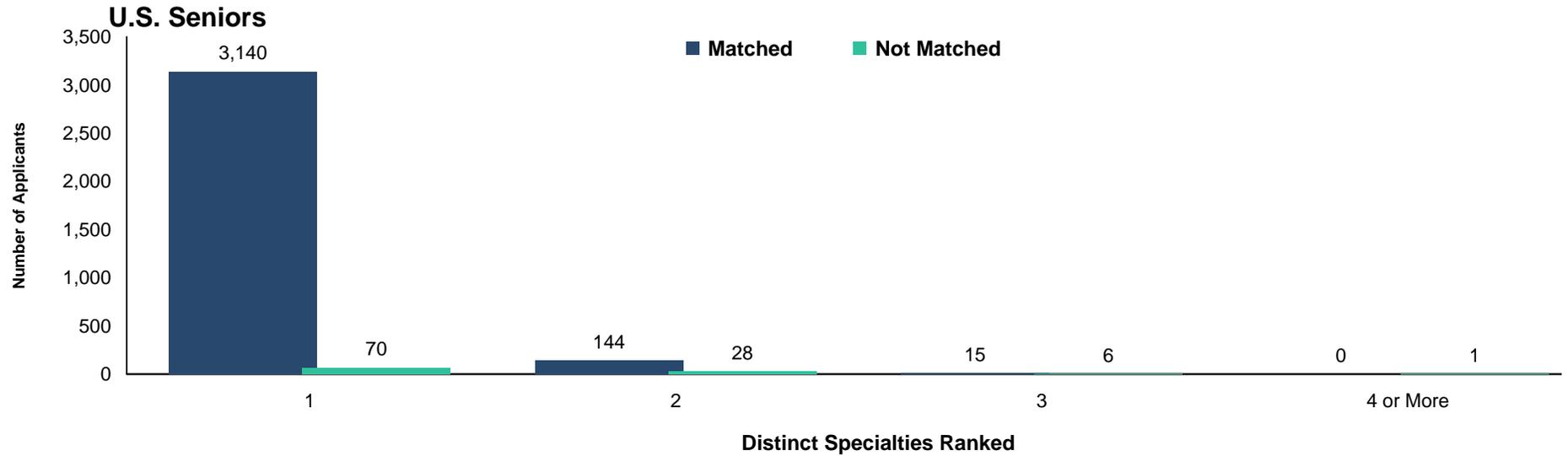
Probability of Matching to Preferred Specialty by Number of Contiguous Ranks *Internal Medicine*



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2014 applicants only

**Chart
IM-2**

**Number of Distinct Specialties Ranked
Internal Medicine**

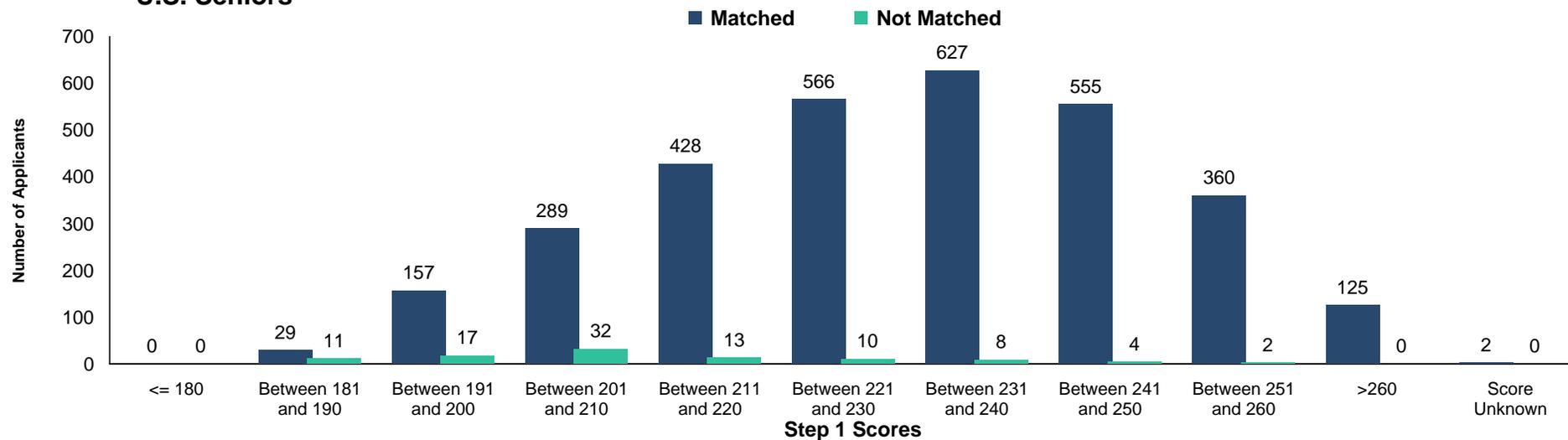


Source: NRMP Data Warehouse

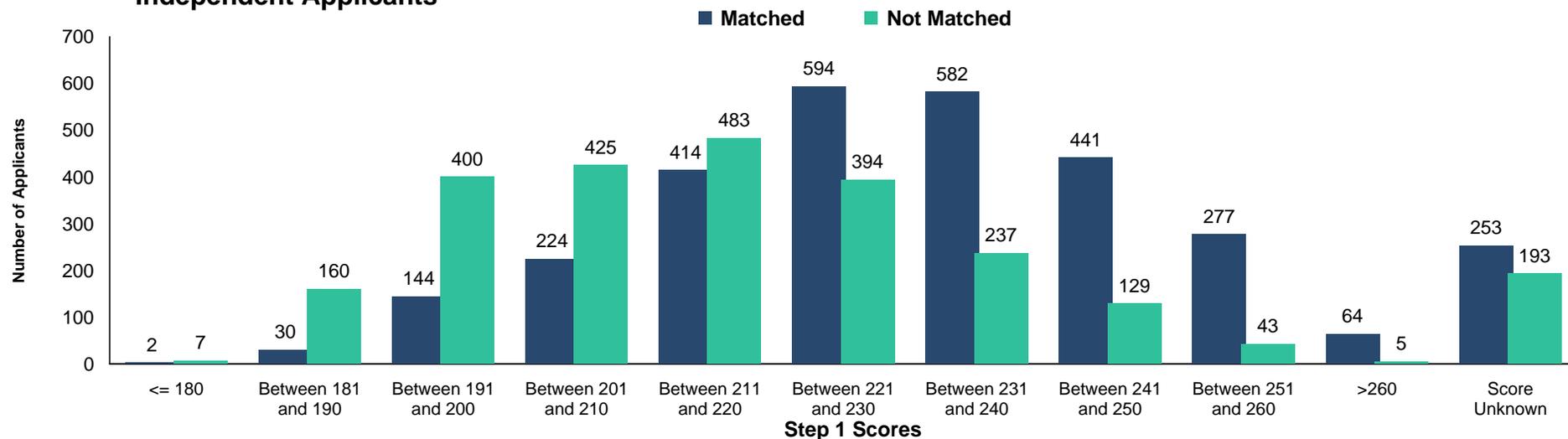
**Chart
IM-3**

**USMLE Step 1 Scores
Internal Medicine**

U.S. Seniors



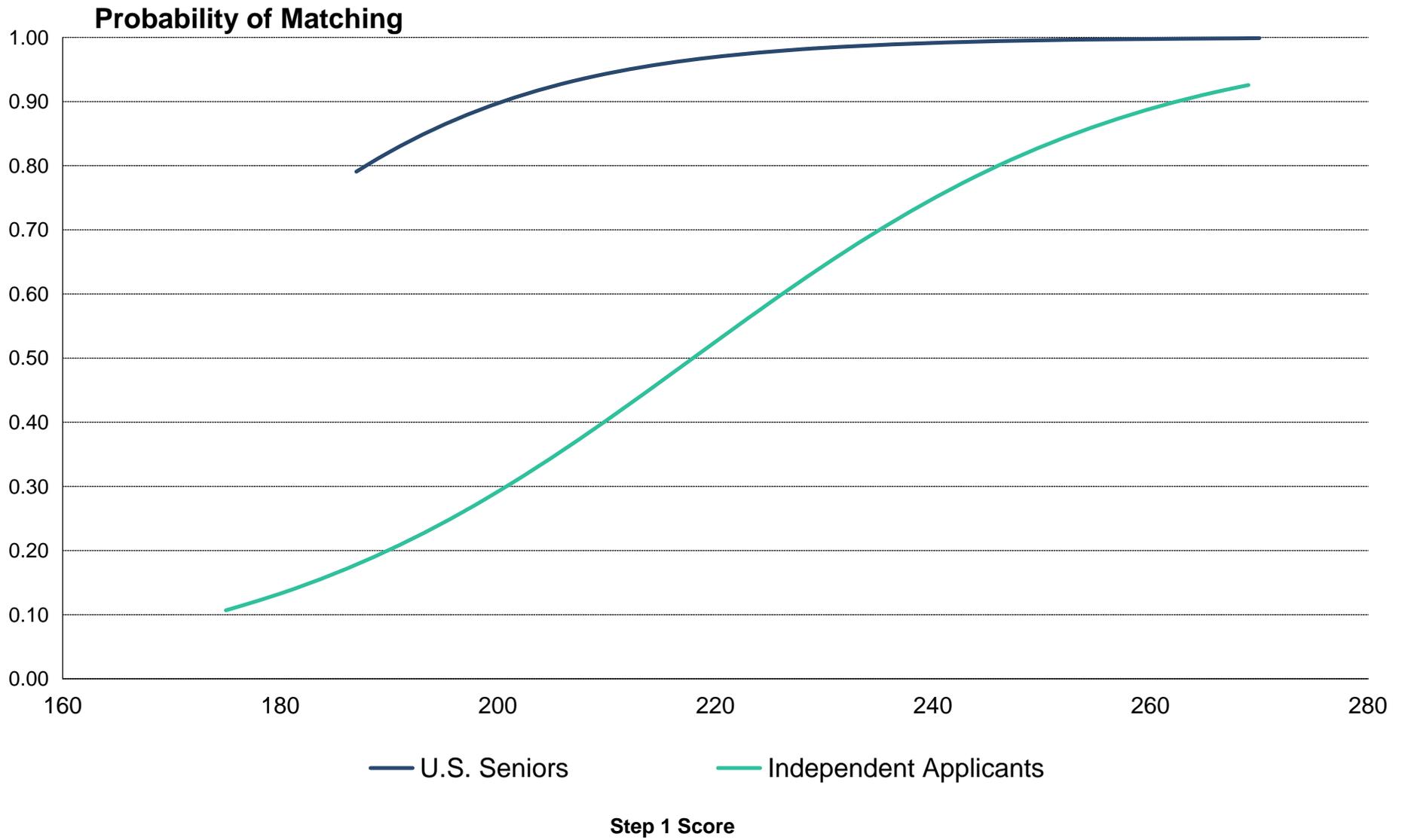
Independent Applicants



Source: NRMP Data Warehouse

Probability of Matching to Preferred Specialty by USMLE Step 1 Score

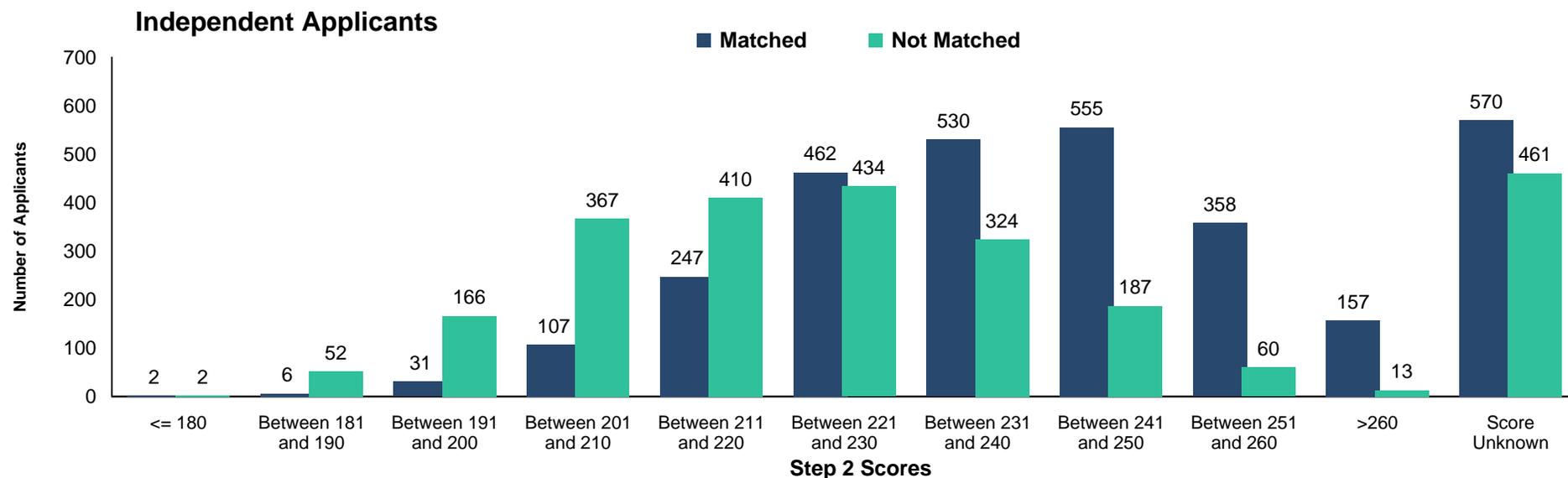
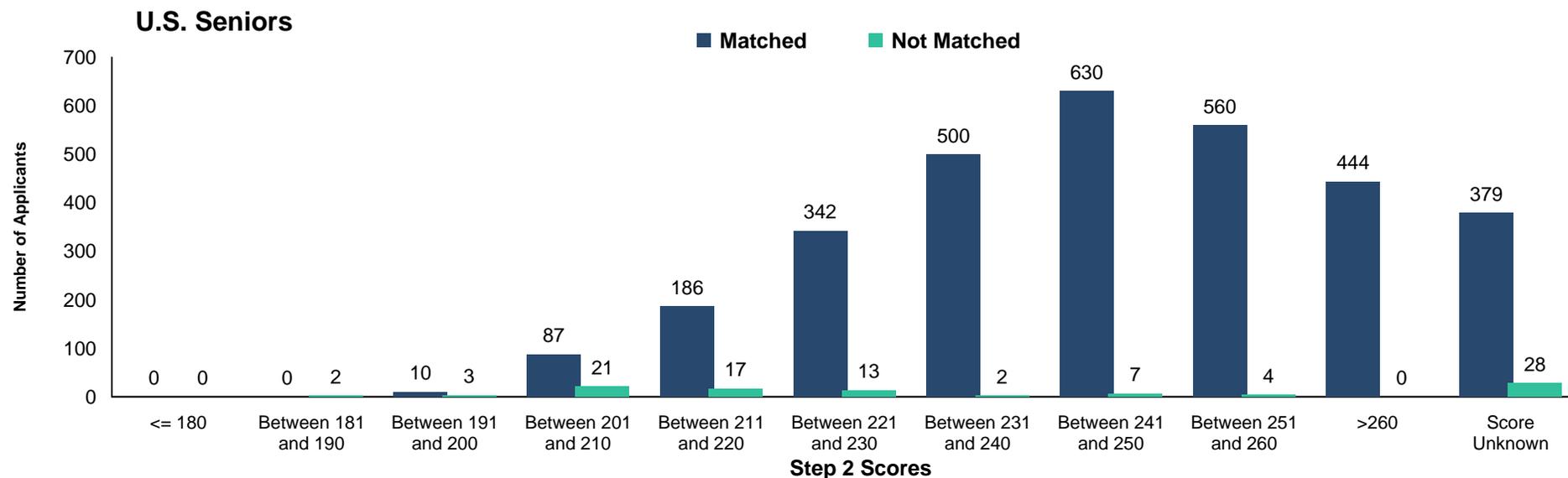
Internal Medicine



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2014 applicants only.

**Chart
IM-4**

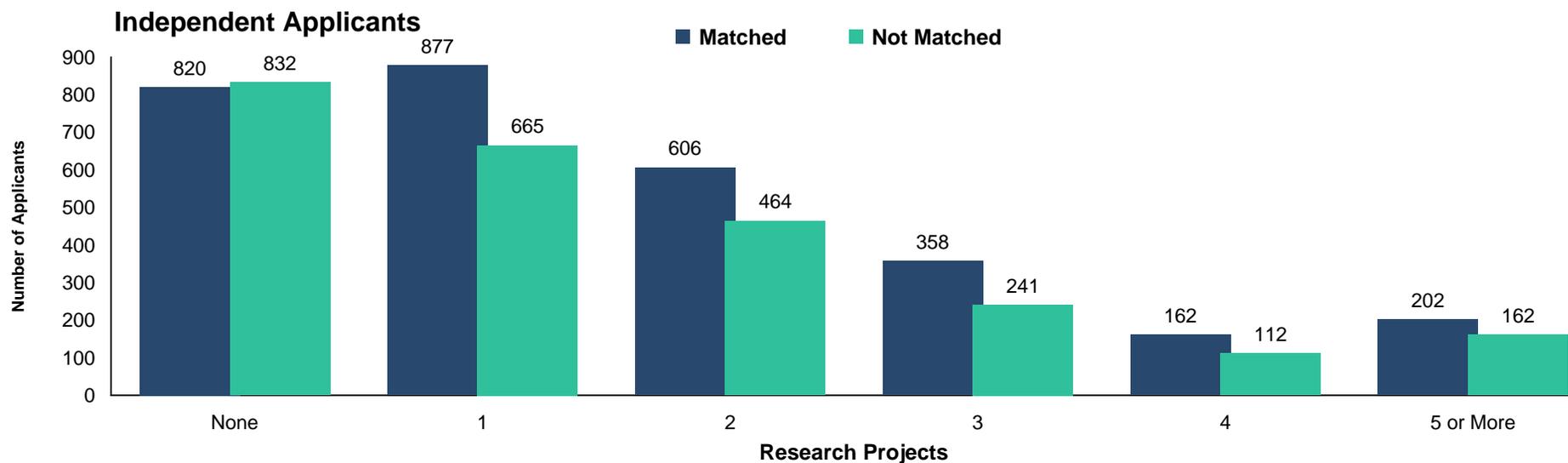
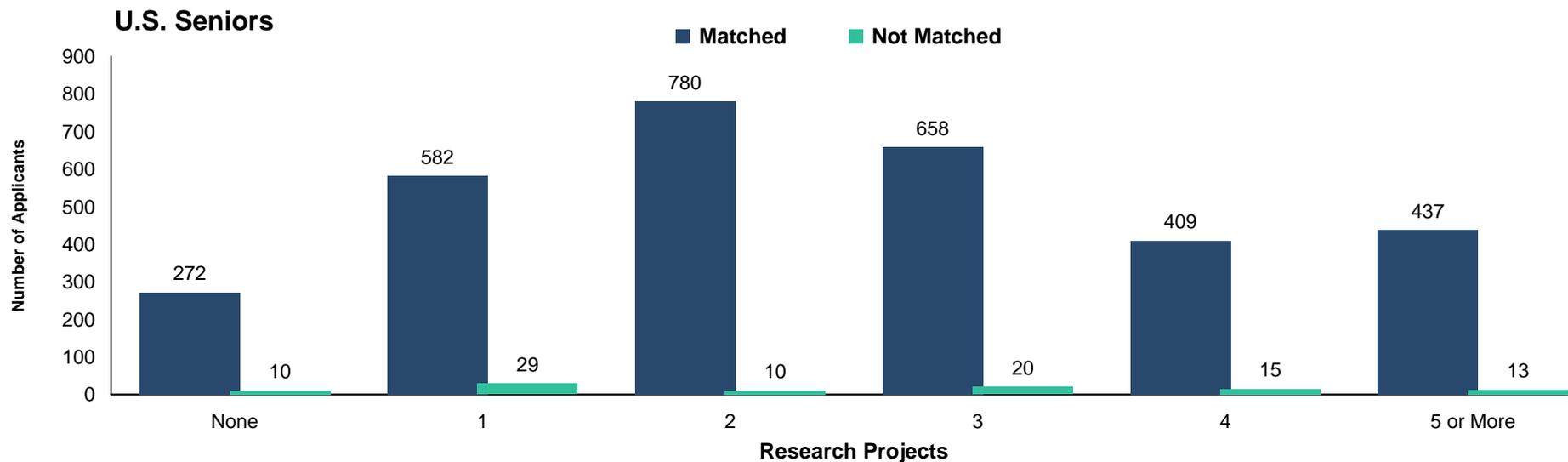
**USMLE Step 2 Scores
Internal Medicine**



Source: NRMP Data Warehouse

**Chart
IM-5**

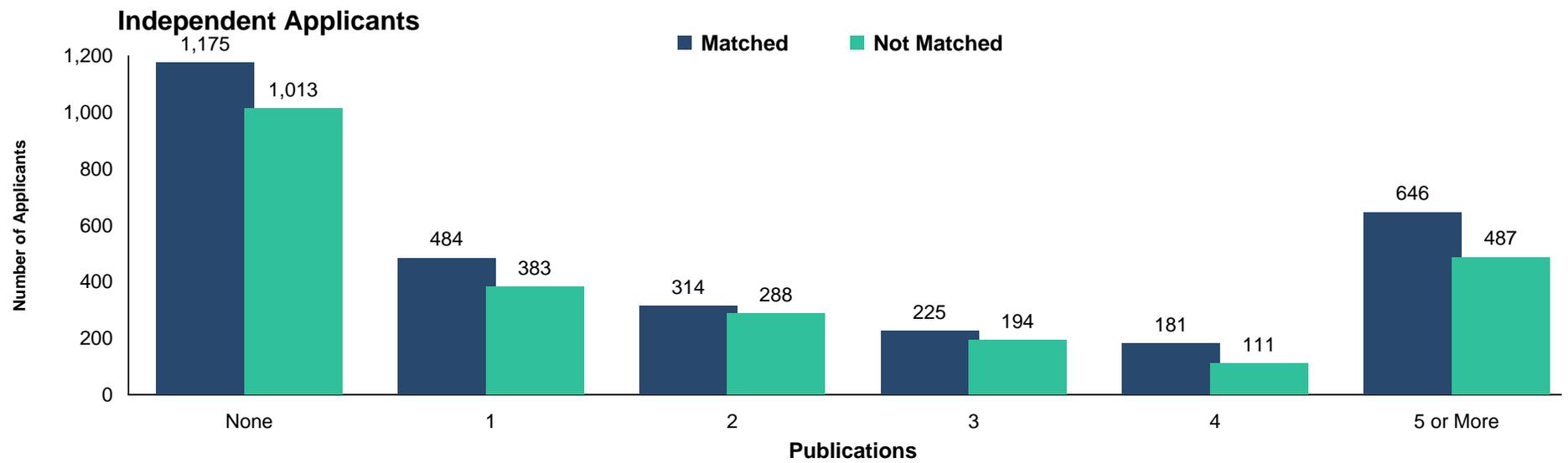
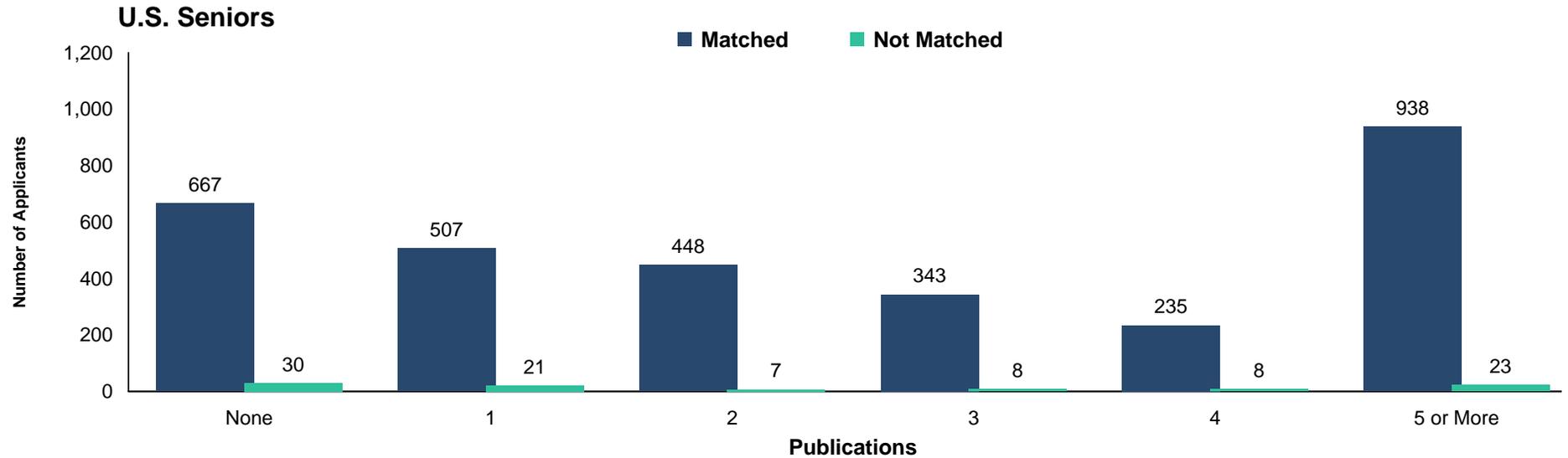
**Number of Research Projects
Internal Medicine**



Source: NRMP Data Warehouse

**Chart
IM-6**

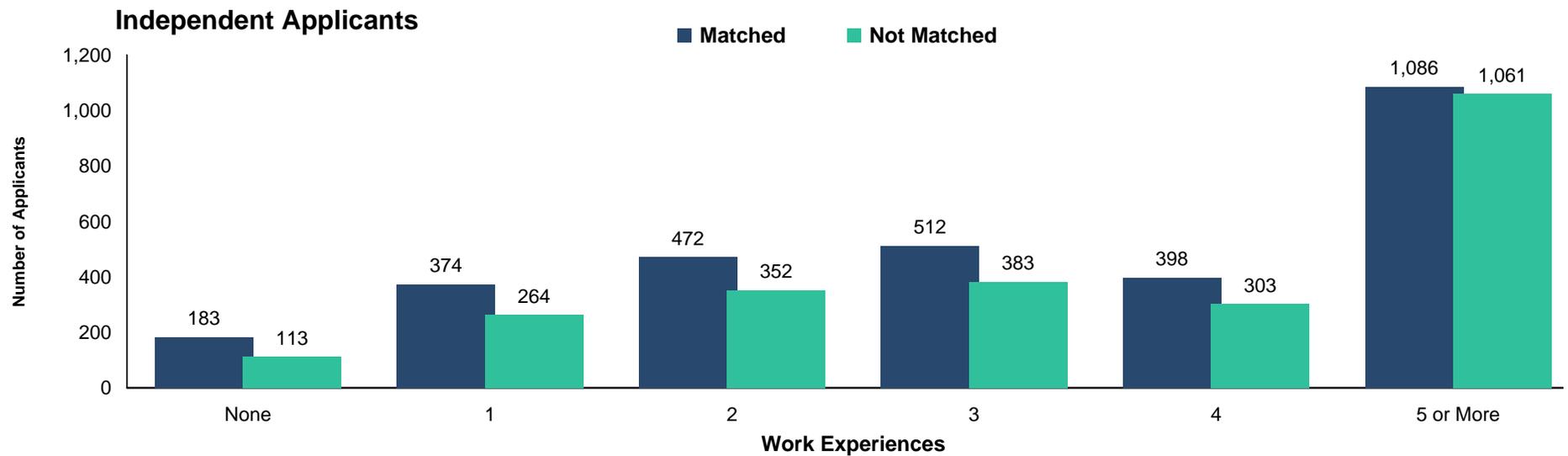
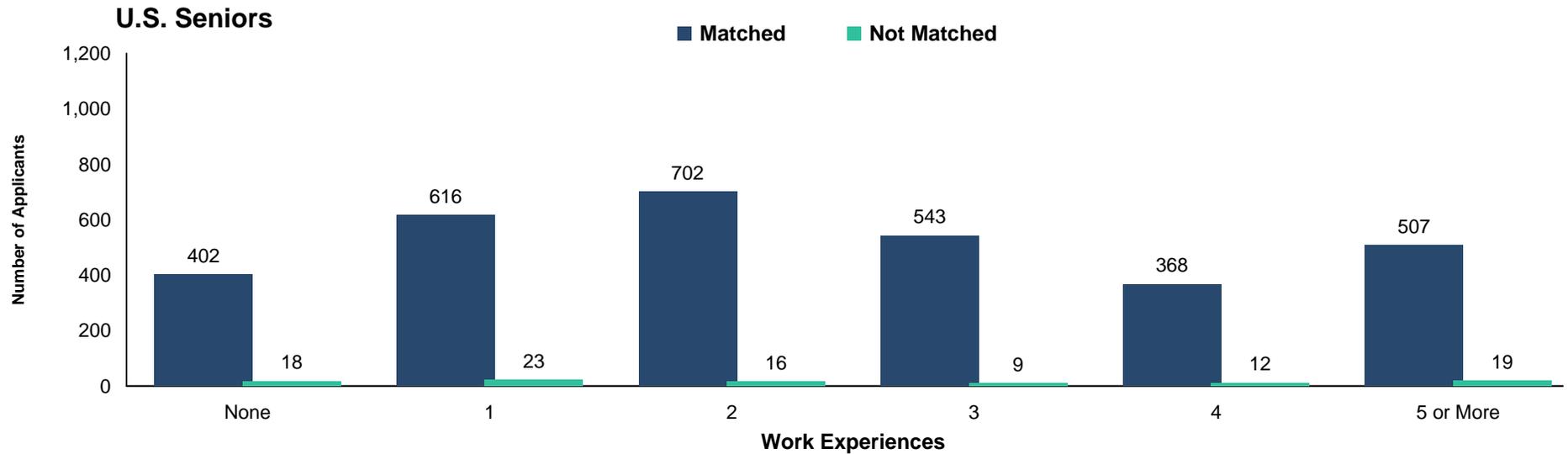
**Number of Abstracts, Presentations, and Publications
Internal Medicine**



Source: NRMP Data Warehouse

**Chart
IM-7**

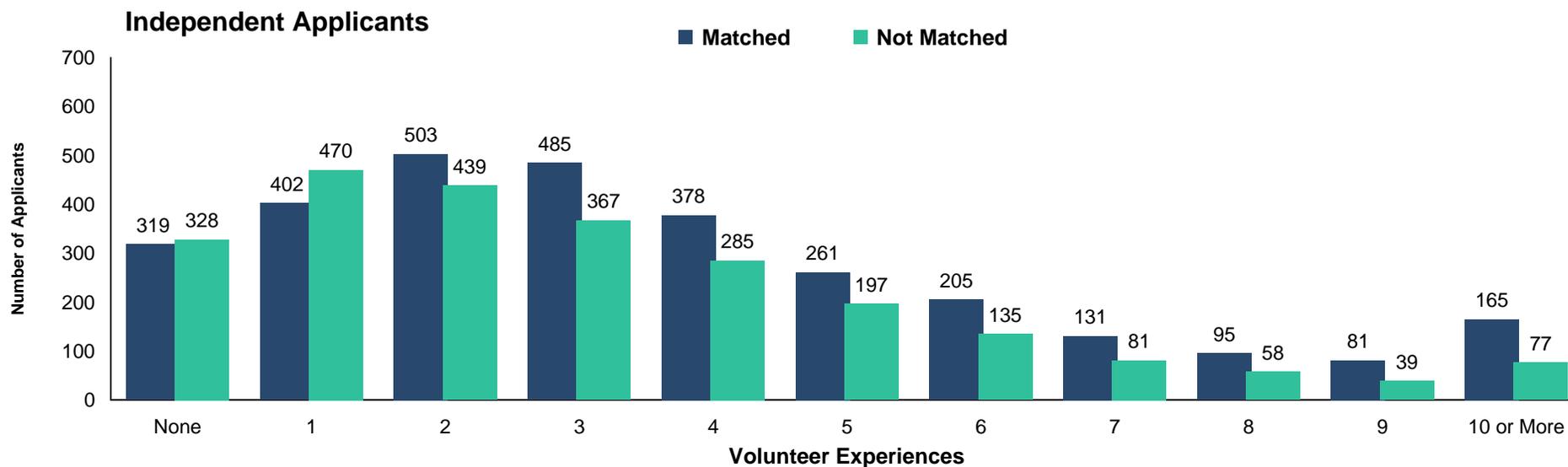
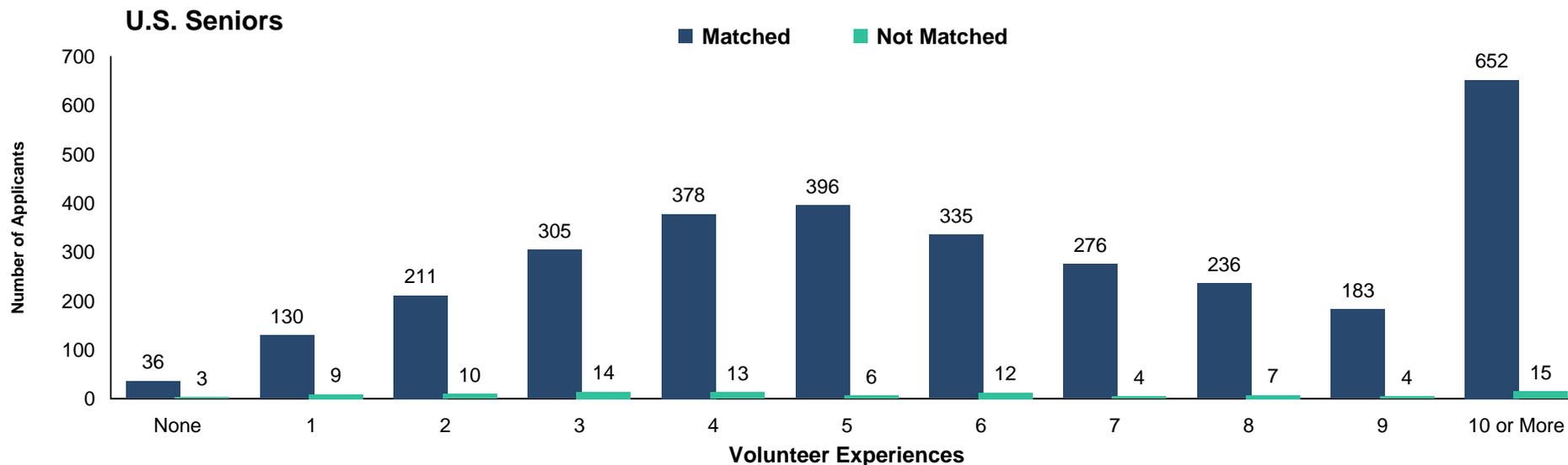
**Number of Work Experiences
Internal Medicine**



Source: NRMP Data Warehouse

**Chart
IM-8**

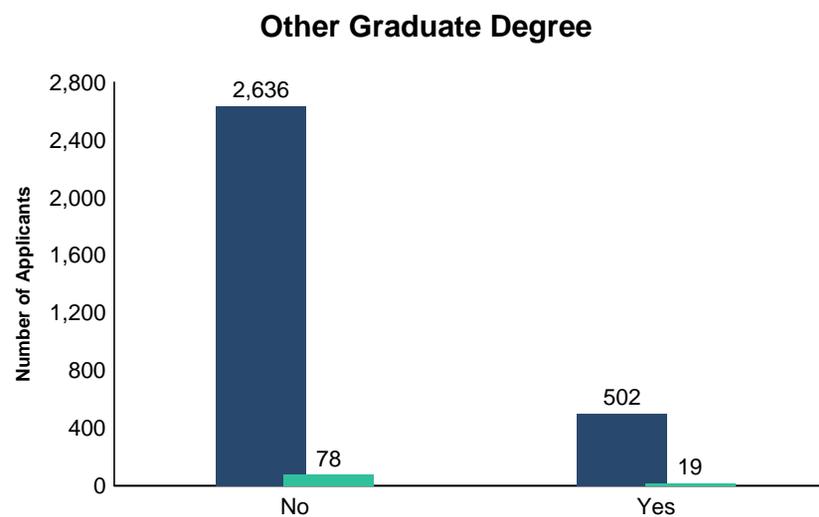
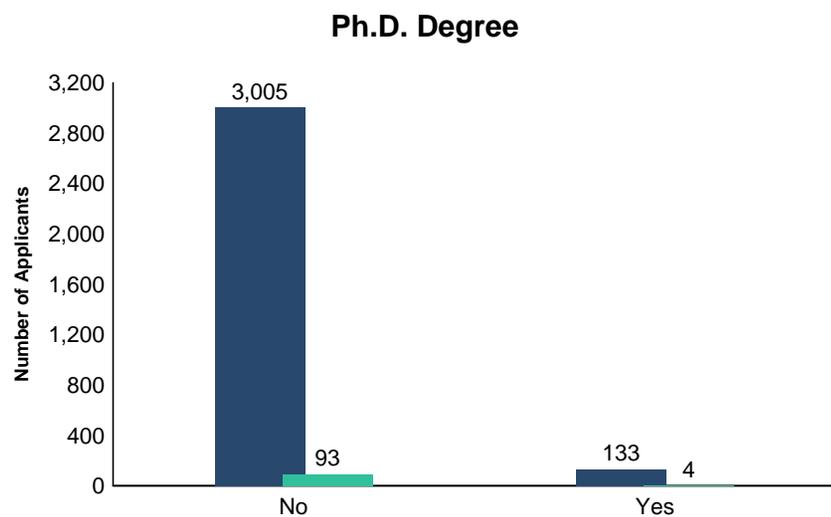
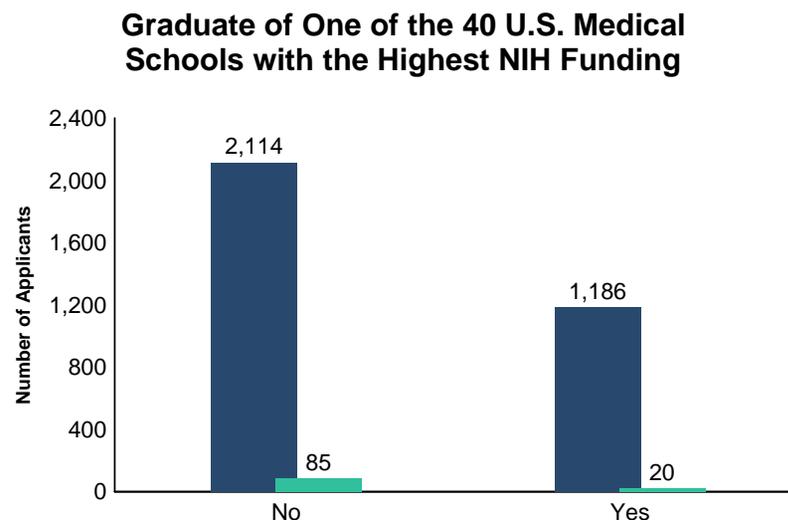
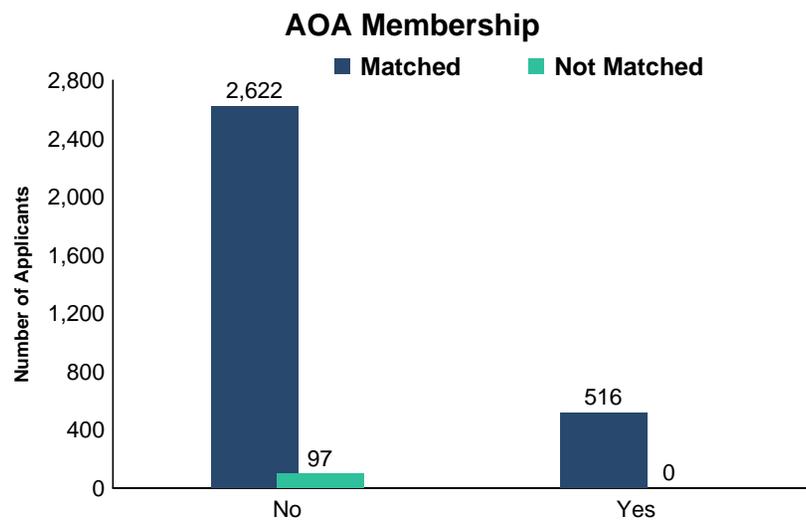
Number of Volunteer Experiences
Internal Medicine



Source: NRMP Data Warehouse

**Chart
IM-9**

**Other Characteristics of U.S. Seniors
Internal Medicine**



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

IP

Internal Medicine/Pediatrics

Table IP-1 **Summary Statistics**
Internal Medicine/Pediatrics

Measure	U.S. Seniors		Independent Applicants	
	Matched (n=280)	Unmatched (n=11)	Matched (n=66)	Unmatched (n=52)
1. Mean number of contiguous ranks	9.6	2.8	6.9	1.7
2. Mean number of distinct specialties ranked	1.3	2.3	1.8	2.0
3. Mean USMLE Step 1 score	233	223	225	216
4. Mean USMLE Step 2 score	245	234	234	224
5. Mean number of research experiences	2.4	1.9	1.4	1.8
6. Mean number of abstracts, presentations, and publications	3.2	4.1	1.8	4.6
7. Mean number of work experiences	3.4	2.8	4.3	5.2
8. Mean number of volunteer experiences	8.8	7.0	6.7	3.8
9. Percentage who are AOA members	22.1	9.1	n/a	n/a
10. Percentage who graduated from one of the 40 U.S. medical schools with the highest NIH funding	28.6	27.3	n/a	n/a
11. Percentage who have Ph.D. degree	2.6	0.0	n/a	n/a
12. Percentage who have another graduate degree	16.5	27.3	n/a	n/a

n/a: The measure either does not apply to, applies to only a small percentage of, or no reliable data were available for independent applicants.

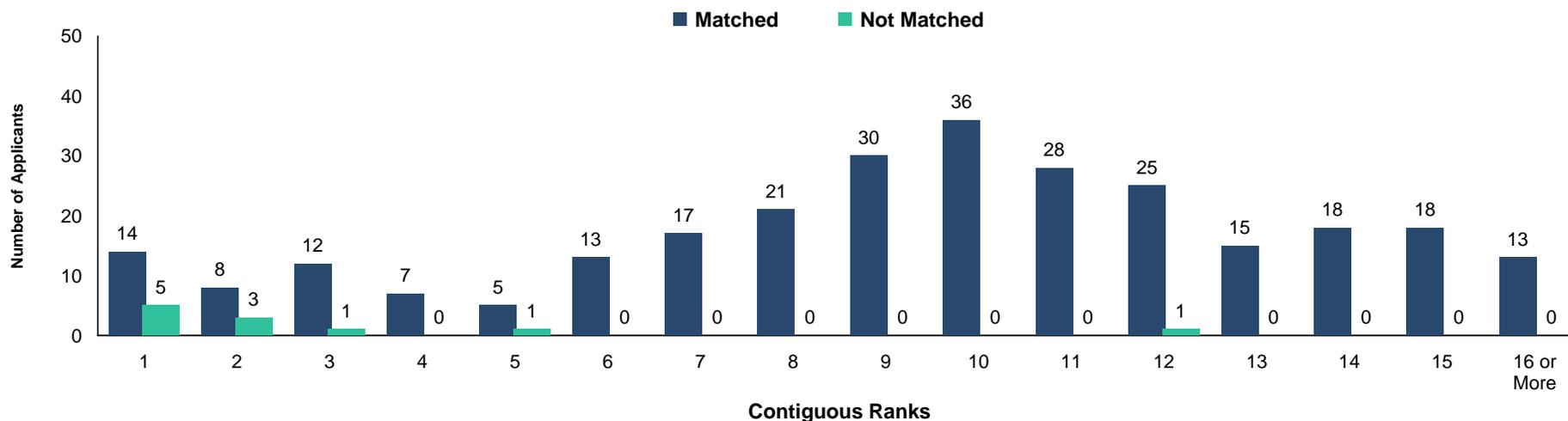
Sources. NRMP Data Warehouse; Top 40 U.S. medical schools with the highest NIH funding in measure 10 is from the NIH website (<http://report.nih.gov/award/index.cfm>).

Note: Measures 3-9 and 11-12 included only applicants who gave consent to use their information in research. USMLE Step scores are not available for most osteopathic medical school students and graduates included in the independent applicant group.

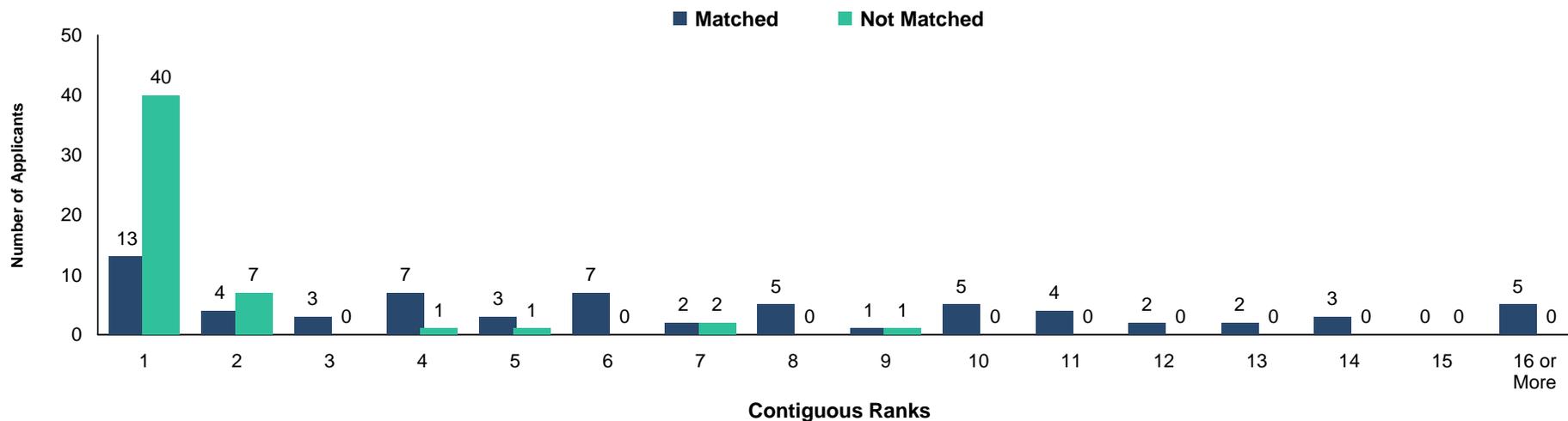
**Chart
IP-1**

**Number of Contiguous Ranks Within Preferred Specialty
Internal Medicine/Pediatrics**

U.S. Seniors

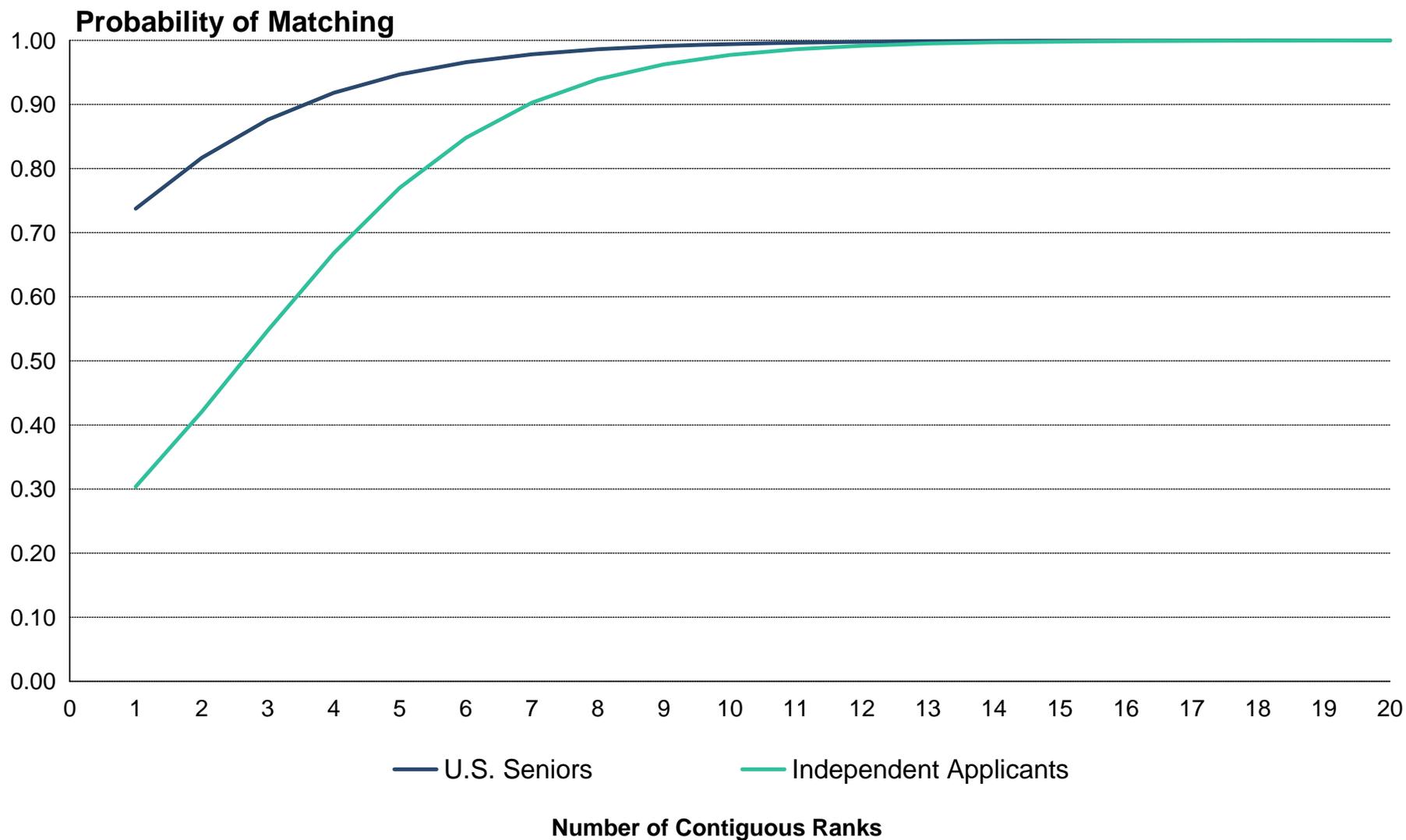


Independent Applicants



Source: NRMP Data Warehouse

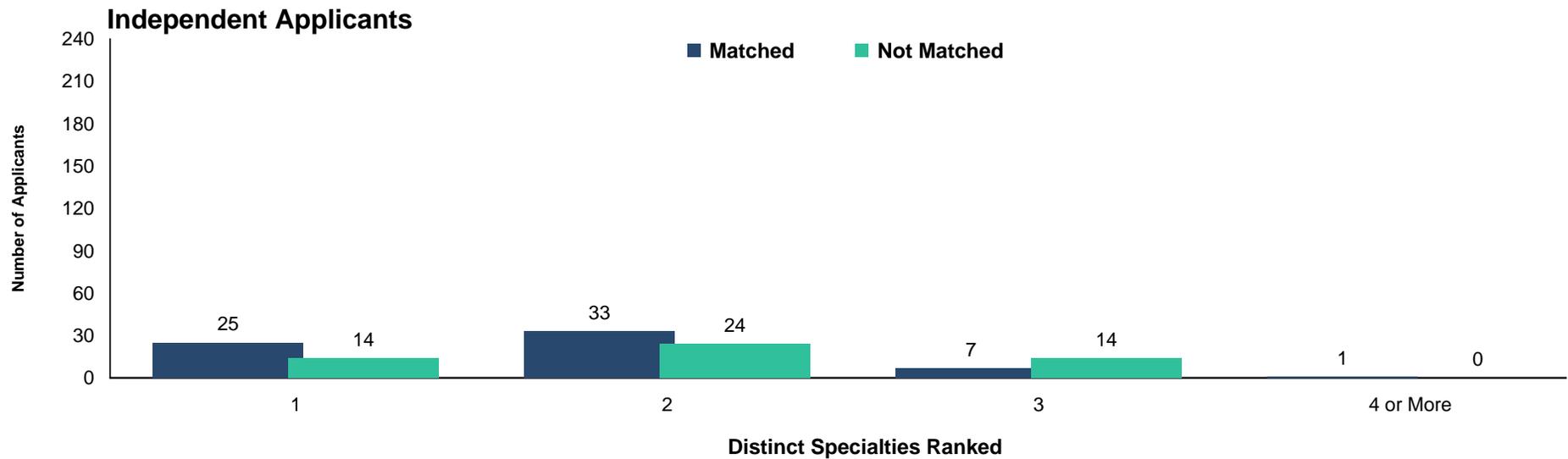
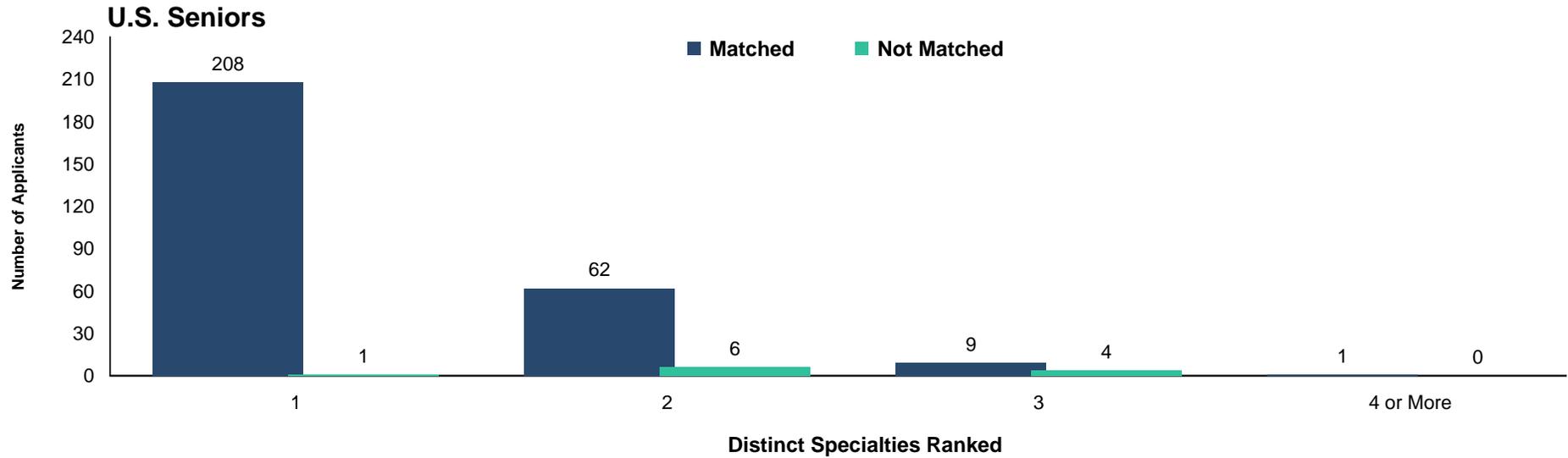
Probability of Matching to Preferred Specialty by Number of Contiguous Ranks *Internal Medicine/Pediatrics*



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2014 applicants only

**Chart
IP-2**

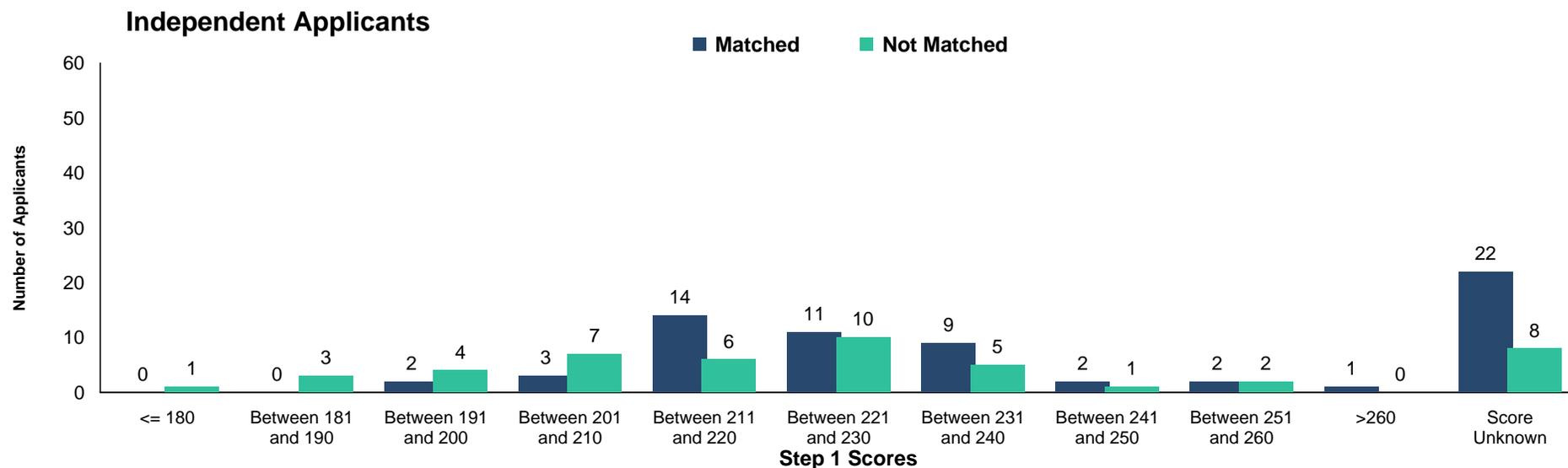
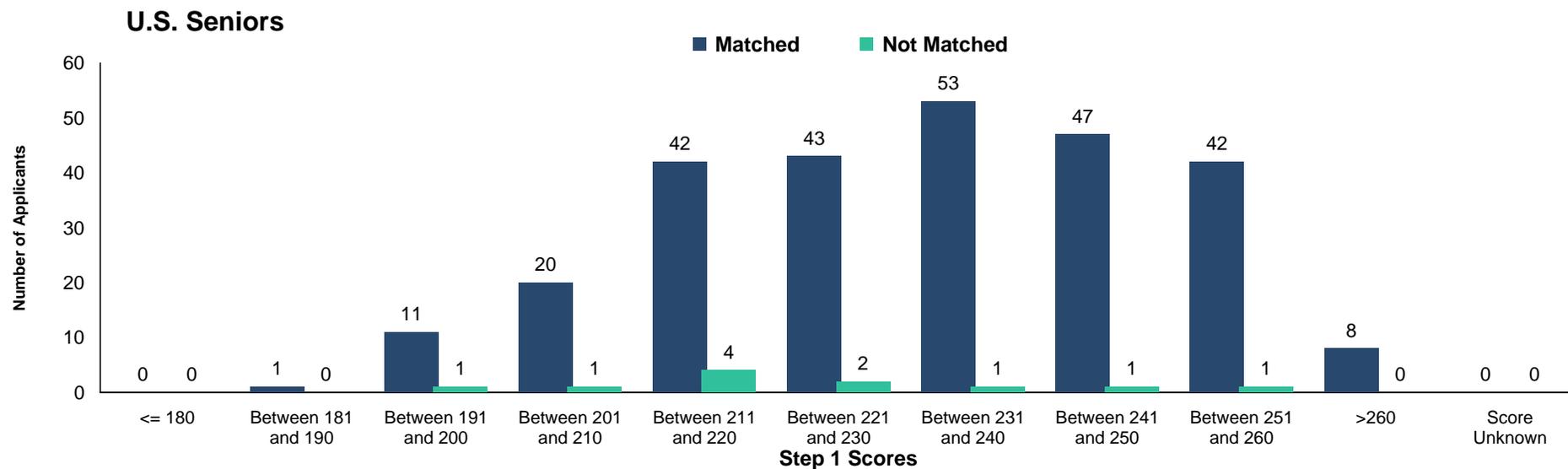
**Number of Distinct Specialties Ranked
*Internal Medicine/Pediatrics***



Source: NRMP Data Warehouse

**Chart
IP-3**

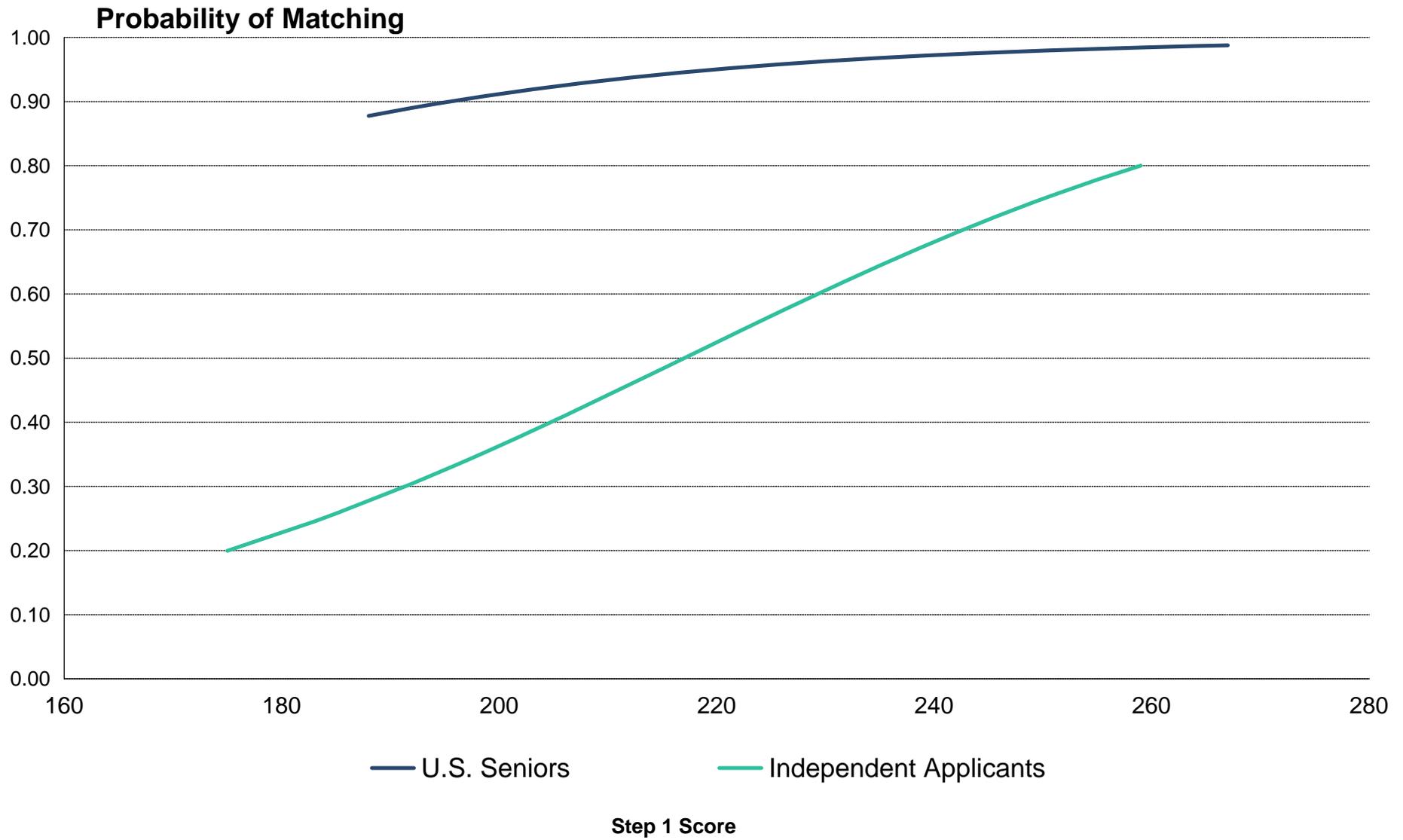
**USMLE Step 1 Scores
Internal Medicine/Pediatrics**



Source: NRMP Data Warehouse

**Graph
IP-2**

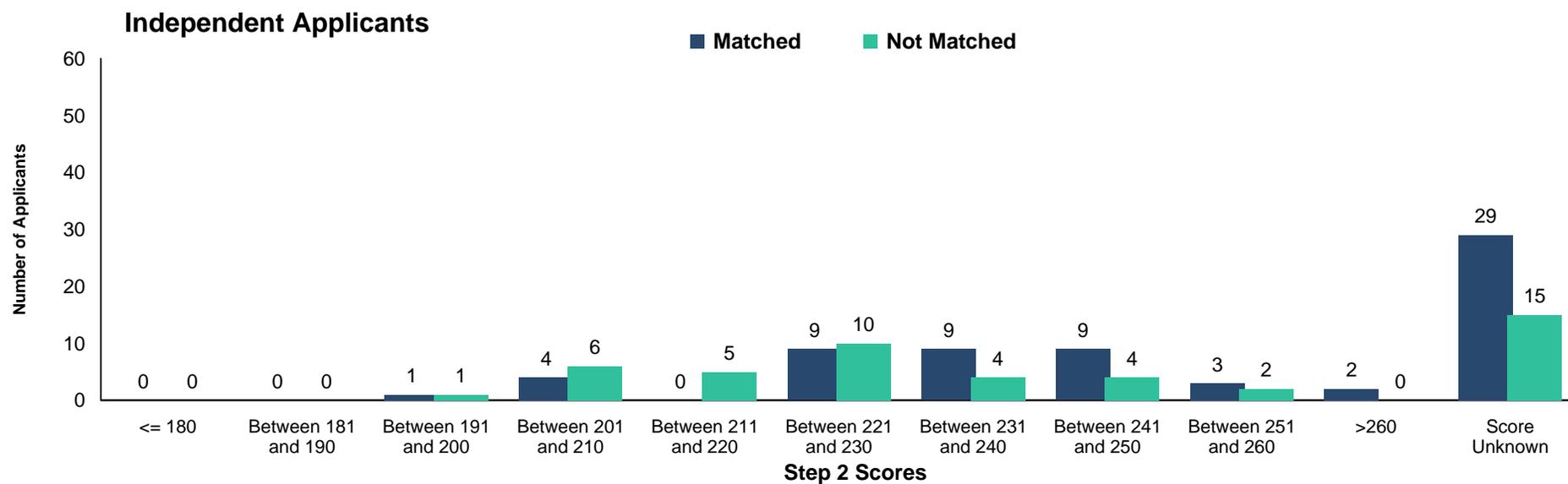
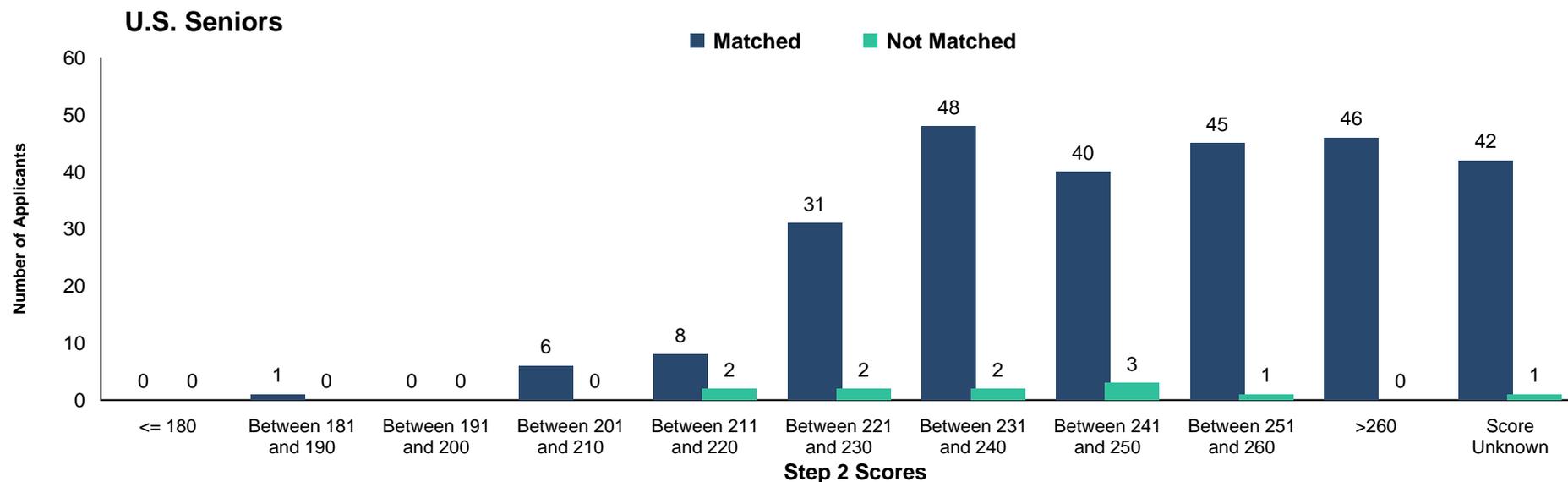
Probability of Matching to Preferred Specialty by USMLE Step 1 Score
Internal Medicine/Pediatrics



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2014 applicants only.

**Chart
IP-4**

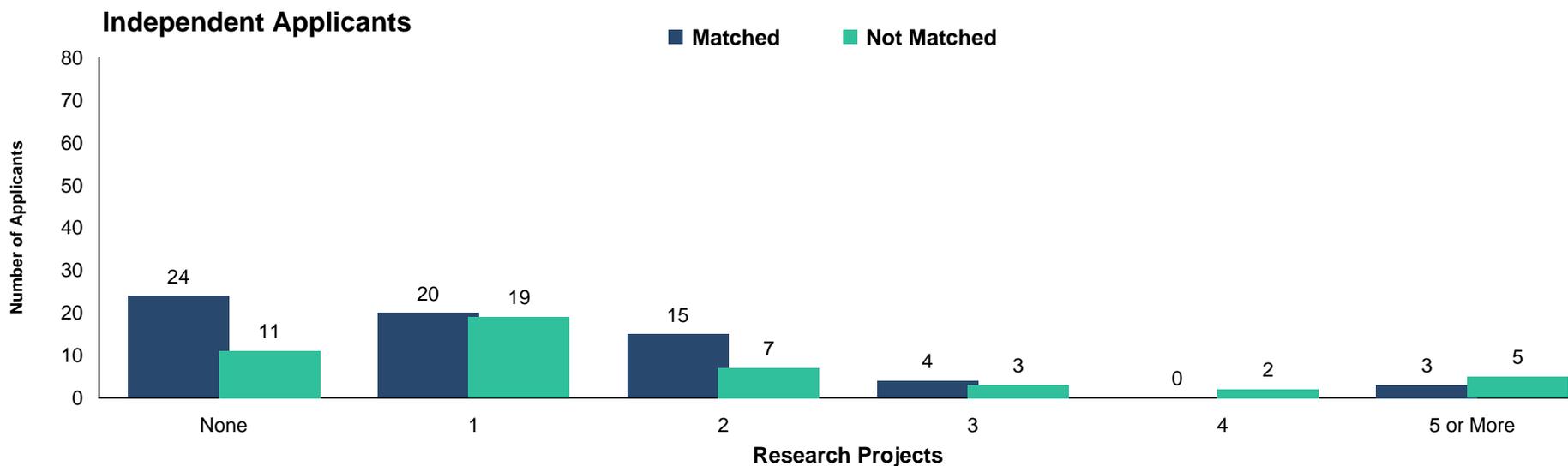
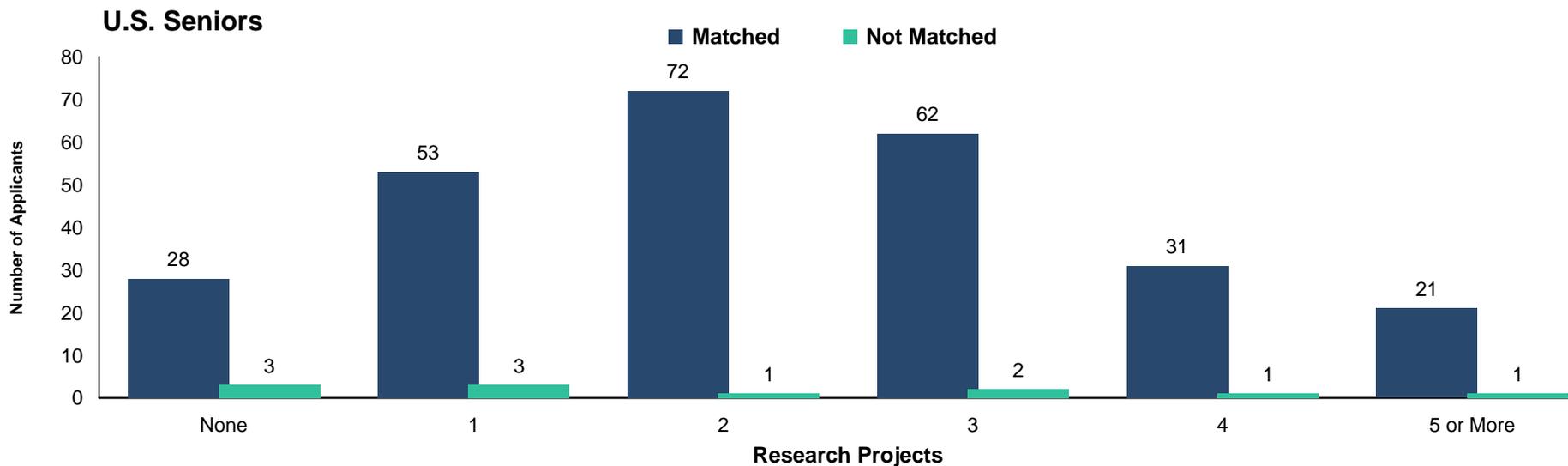
**USMLE Step 2 Scores
Internal Medicine/Pediatrics**



Source: NRMP Data Warehouse

**Chart
IP-5**

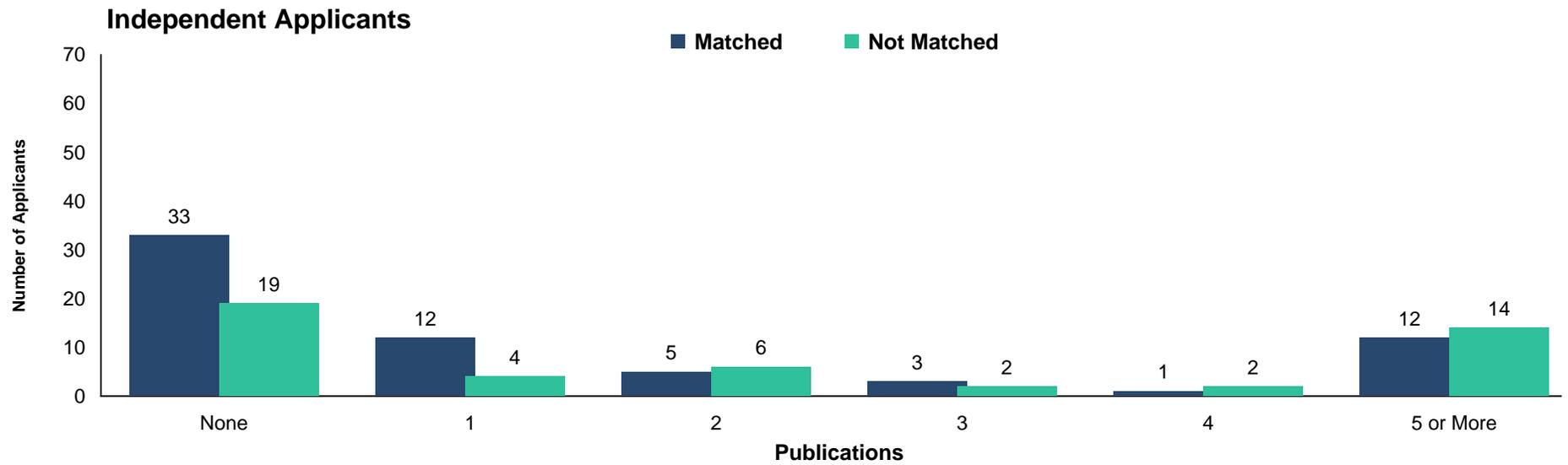
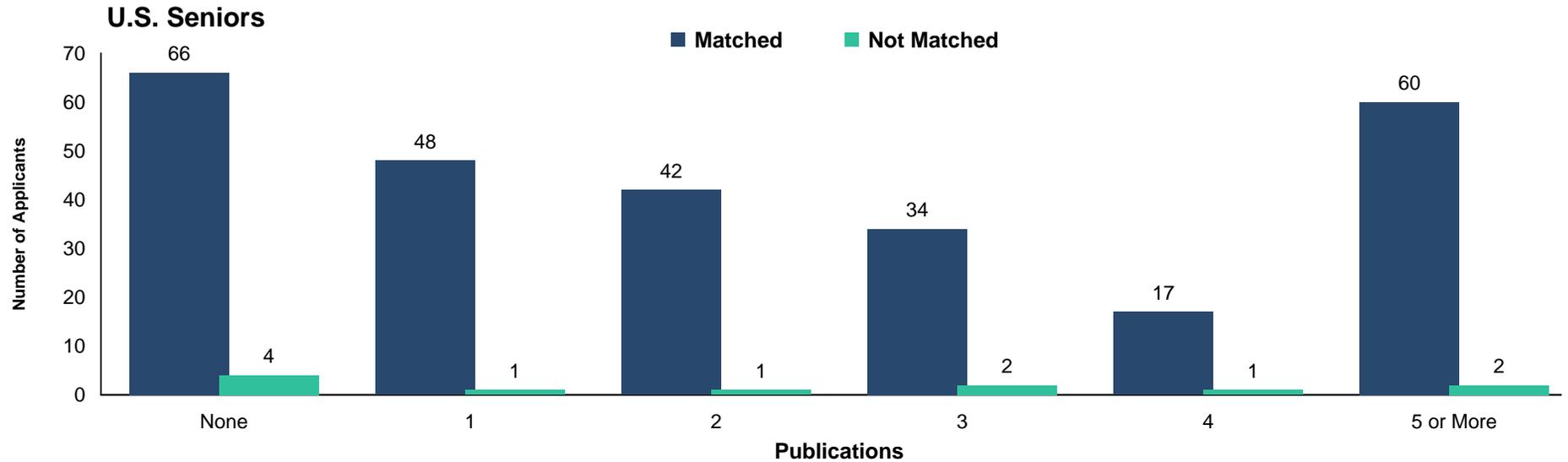
**Number of Research Projects
Internal Medicine/Pediatrics**



Source: NRMP Data Warehouse

**Chart
IP-6**

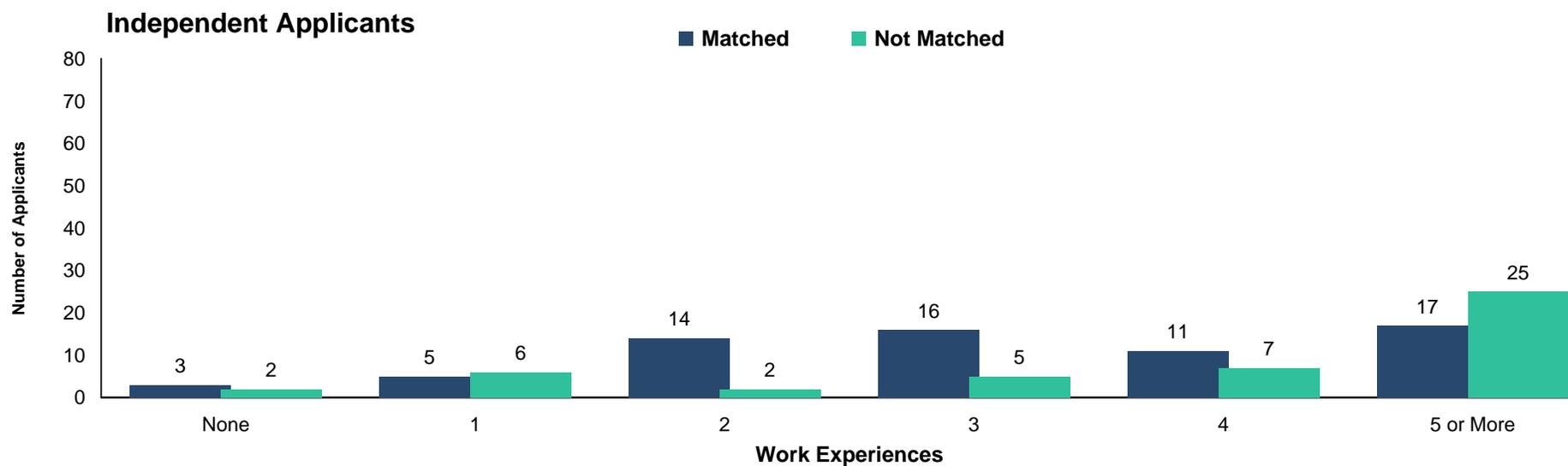
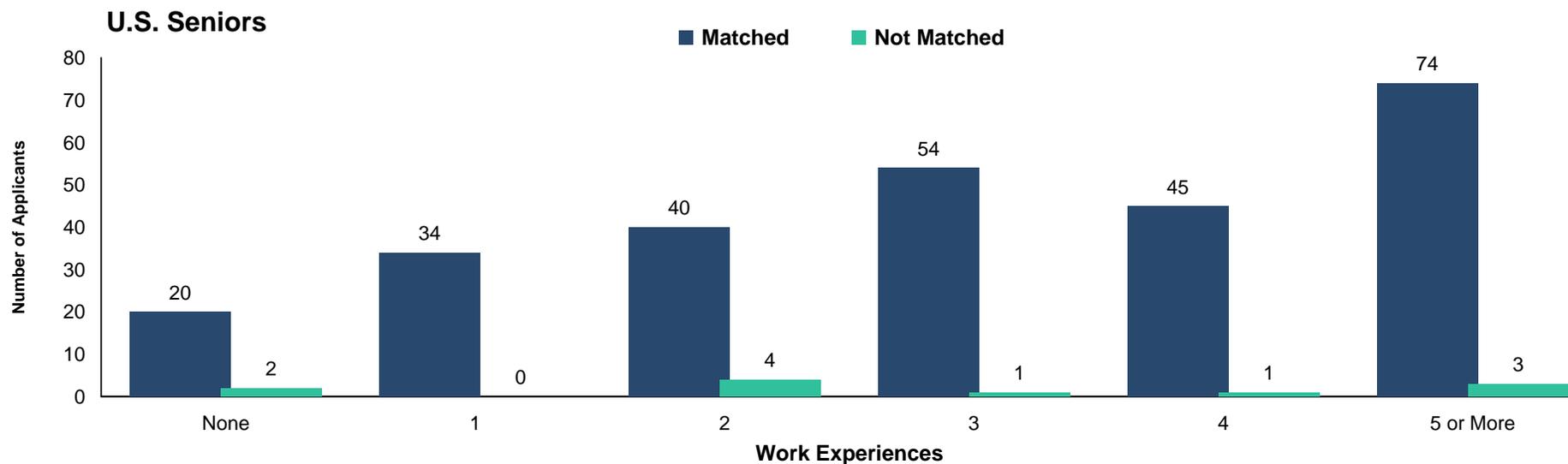
**Number of Abstracts, Presentations, and Publications
Internal Medicine/Pediatrics**



Source: NRMP Data Warehouse

**Chart
IP-7**

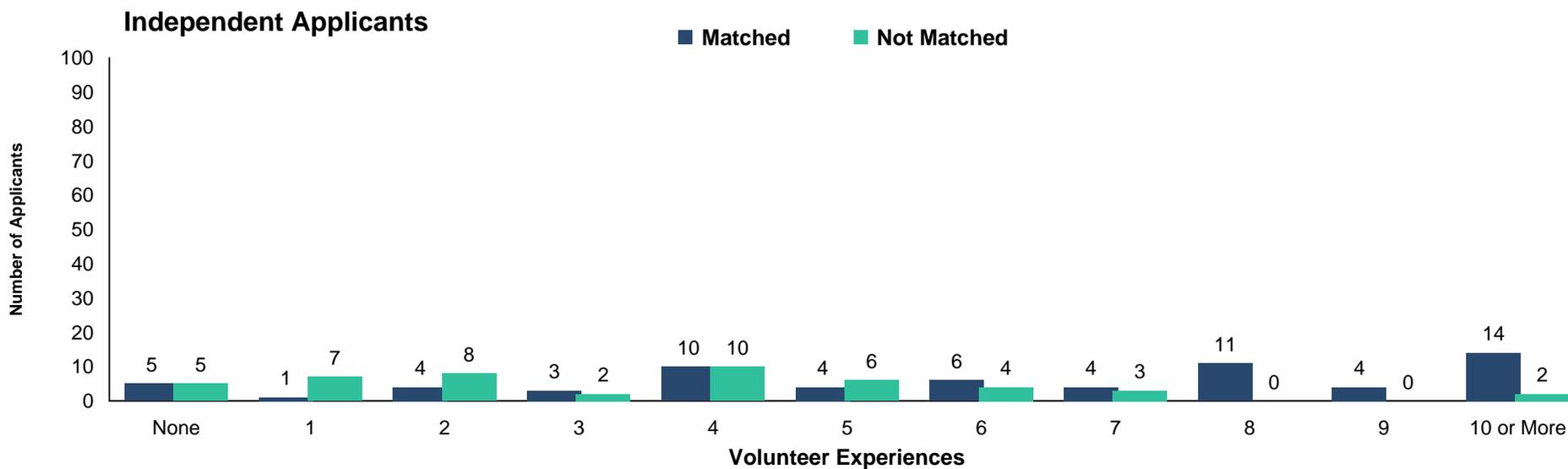
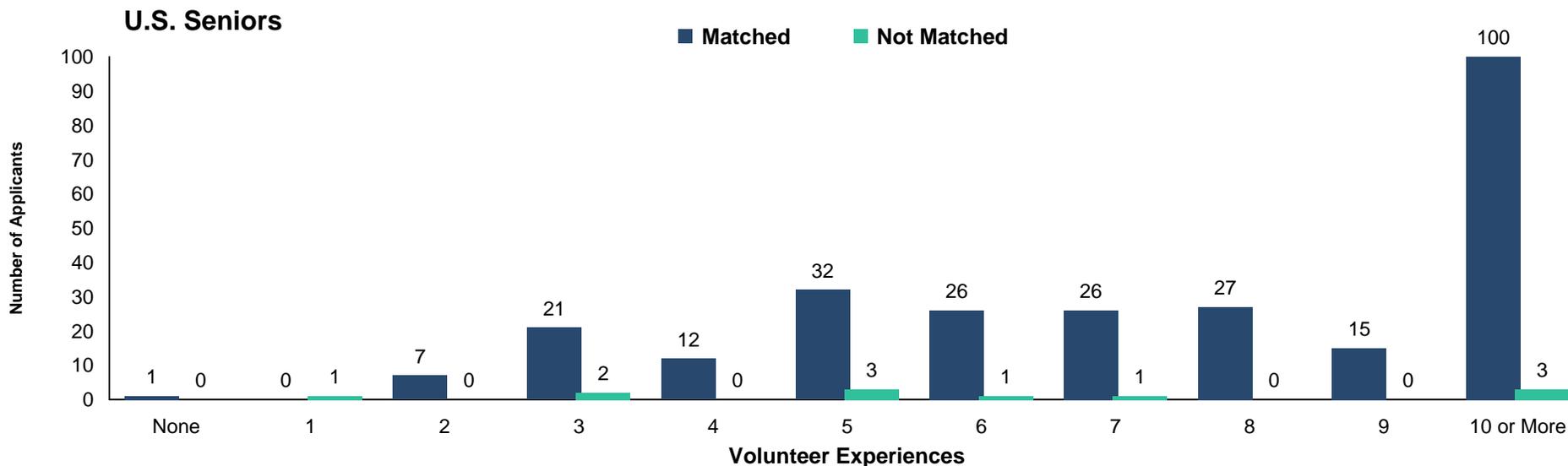
Number of Work Experiences
Internal Medicine/Pediatrics



Source: NRMP Data Warehouse

**Chart
IP-8**

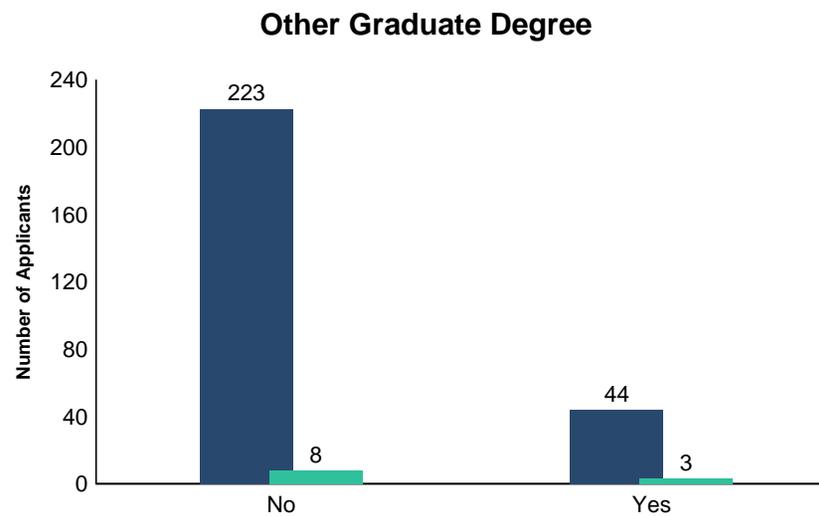
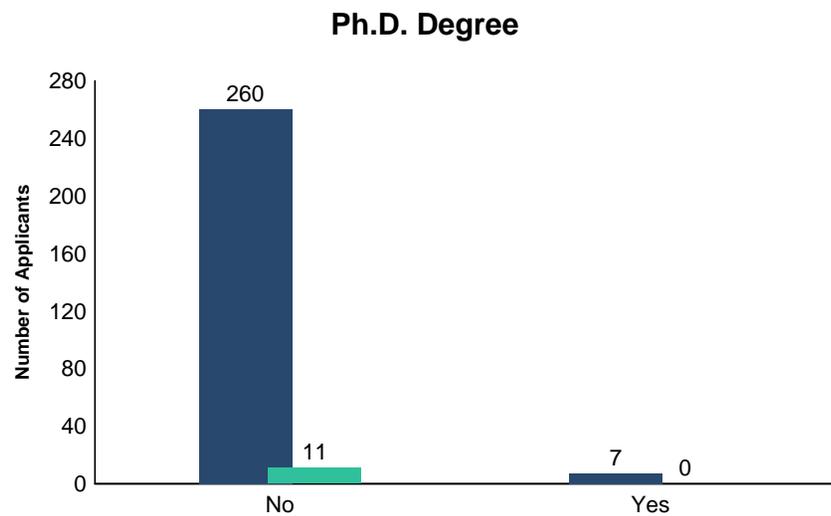
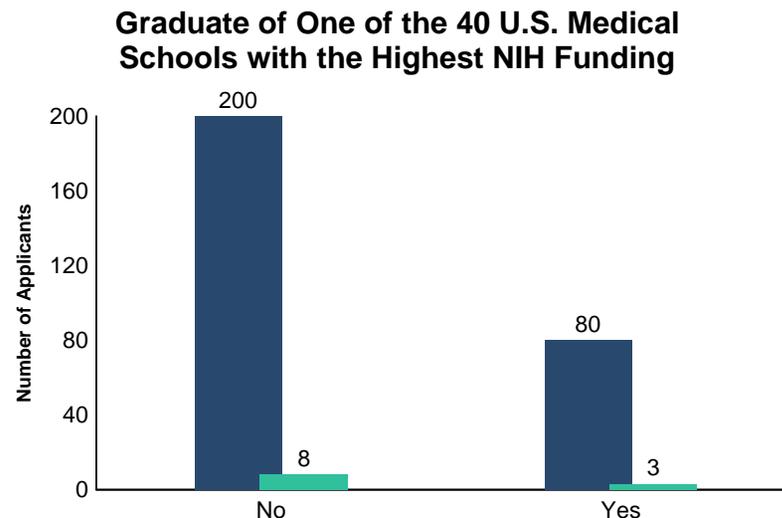
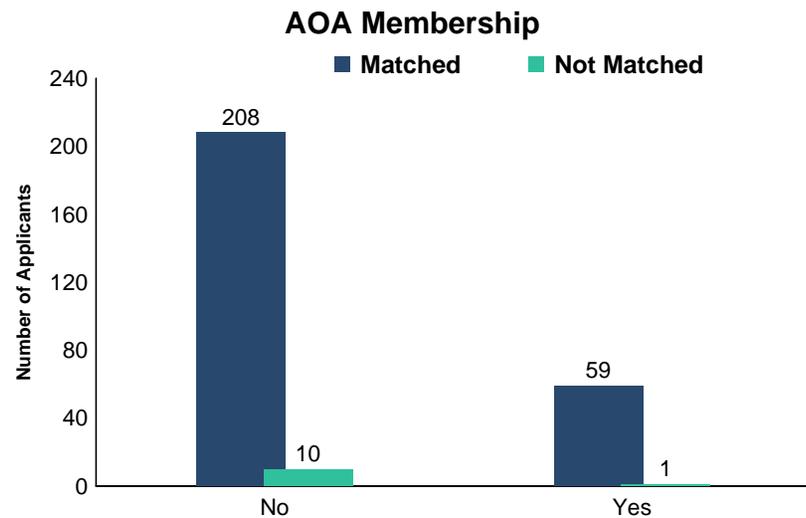
Number of Volunteer Experiences
Internal Medicine/Pediatrics



Source: NRMP Data Warehouse

**Chart
IP-9**

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



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

NS Neurological Surgery

Table NS-1 **Summary Statistics**
Neurological Surgery

Measure	U.S. Seniors		Independent Applicants	
	Matched (n=188)	Unmatched (n=50)	Matched (n=17)	Unmatched (n=63)
1. Mean number of contiguous ranks	14.9	9.5	6.1	5.0
2. Mean number of distinct specialties ranked	1.1	1.3	1.4	1.5
3. Mean USMLE Step 1 score	244	232	240	230
4. Mean USMLE Step 2 score	247	236	251	230
5. Mean number of research experiences	4.4	3.7	4.1	3.7
6. Mean number of abstracts, presentations, and publications	11.7	8.4	13.6	13.8
7. Mean number of work experiences	2.8	2.8	4.9	4.1
8. Mean number of volunteer experiences	6.2	5.1	5.4	3.9
9. Percentage who are AOA members	28.3	8.5	n/a	n/a
10. Percentage who graduated from one of the 40 U.S. medical schools with the highest NIH funding	41.0	32.0	n/a	n/a
11. Percentage who have Ph.D. degree	12.8	6.4	n/a	n/a
12. Percentage who have another graduate degree	17.8	19.1	n/a	n/a

n/a: The measure either does not apply to, applies to only a small percentage of, or no reliable data were available for independent applicants.

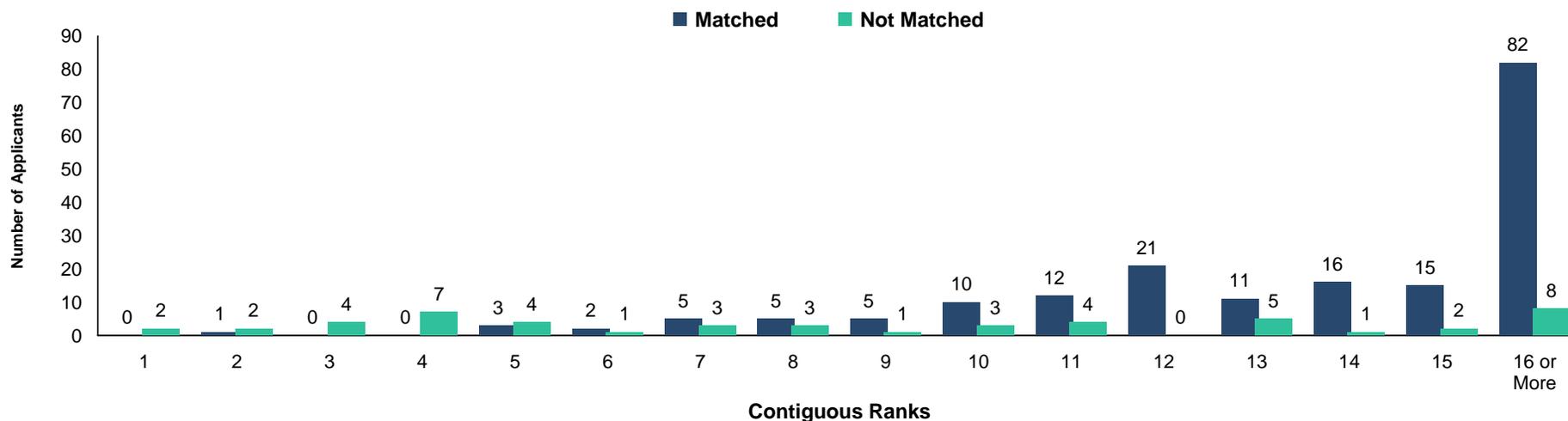
Sources. NRMP Data Warehouse; Top 40 U.S. medical schools with the highest NIH funding in measure 10 is from the NIH website (<http://report.nih.gov/award/index.cfm>).

Note: Measures 3-9 and 11-12 included only applicants who gave consent to use their information in research. USMLE Step scores are not available for most osteopathic medical school students and graduates included in the independent applicant group.

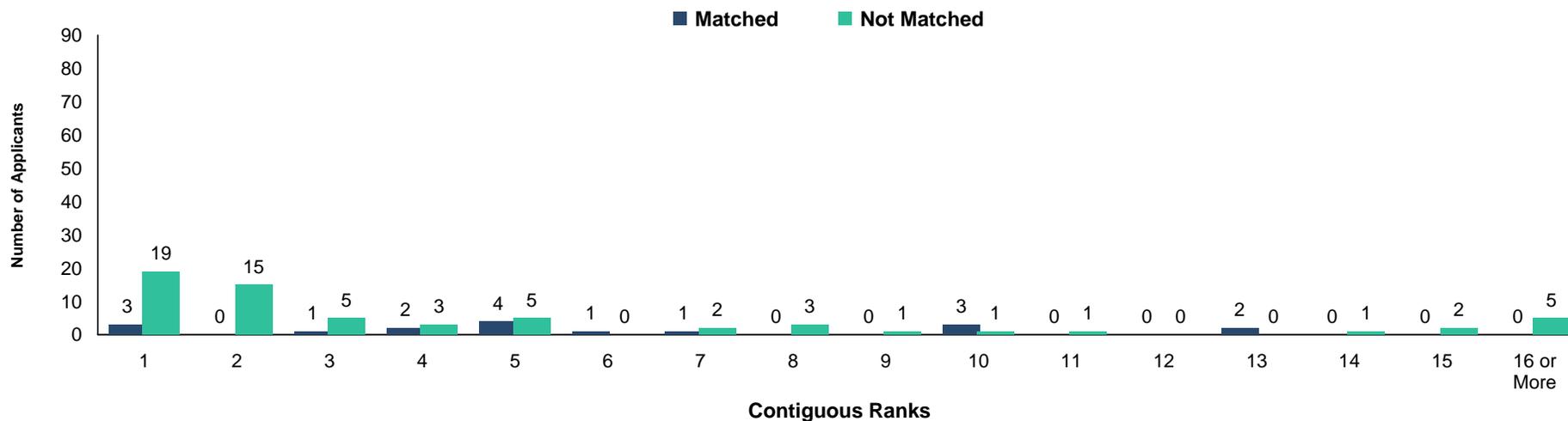
**Chart
NS-1**

**Number of Contiguous Ranks Within Preferred Specialty
Neurological Surgery**

U.S. Seniors



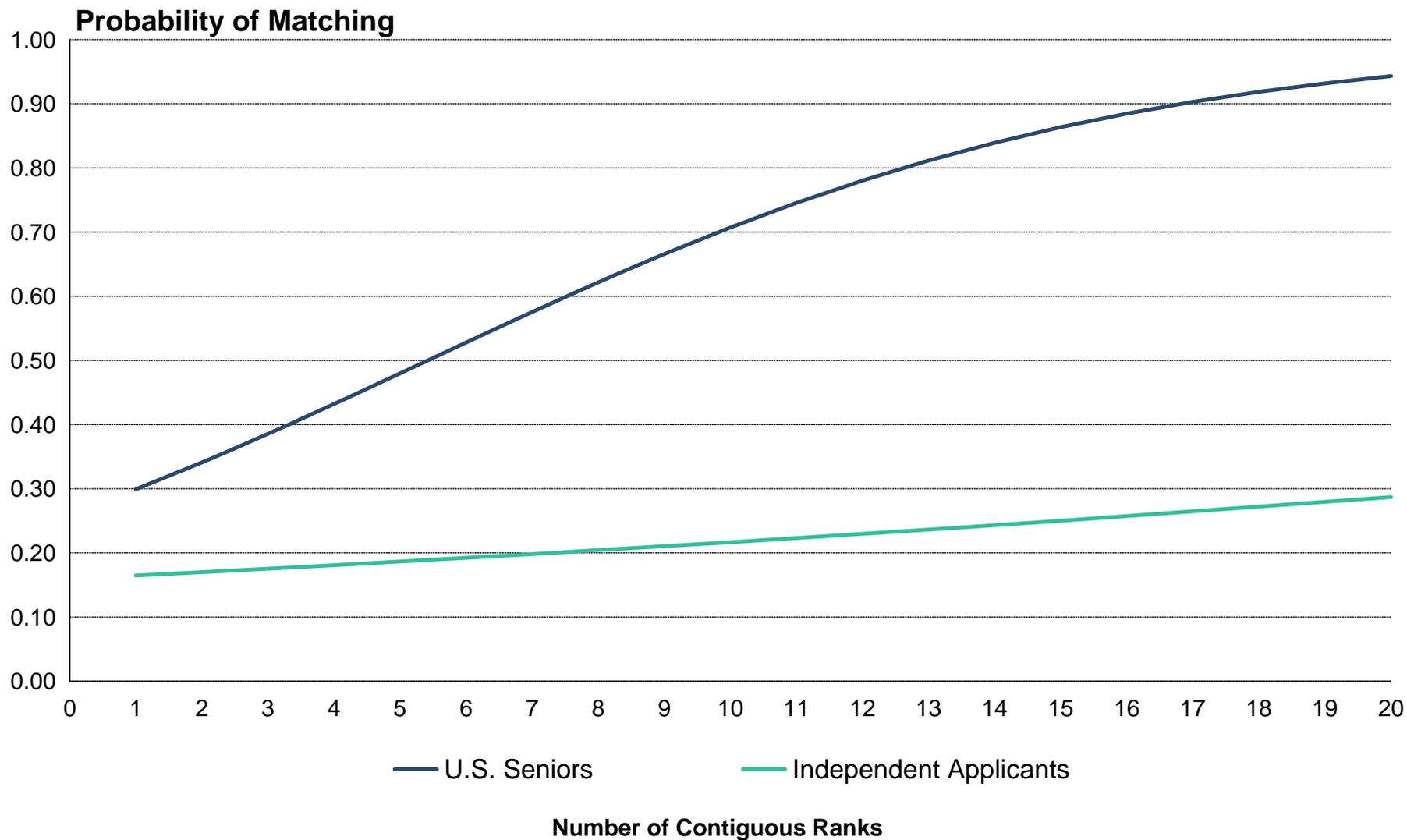
Independent Applicants



Source: NRMP Data Warehouse

Probability of Matching to Preferred Specialty by Number of Contiguous Ranks

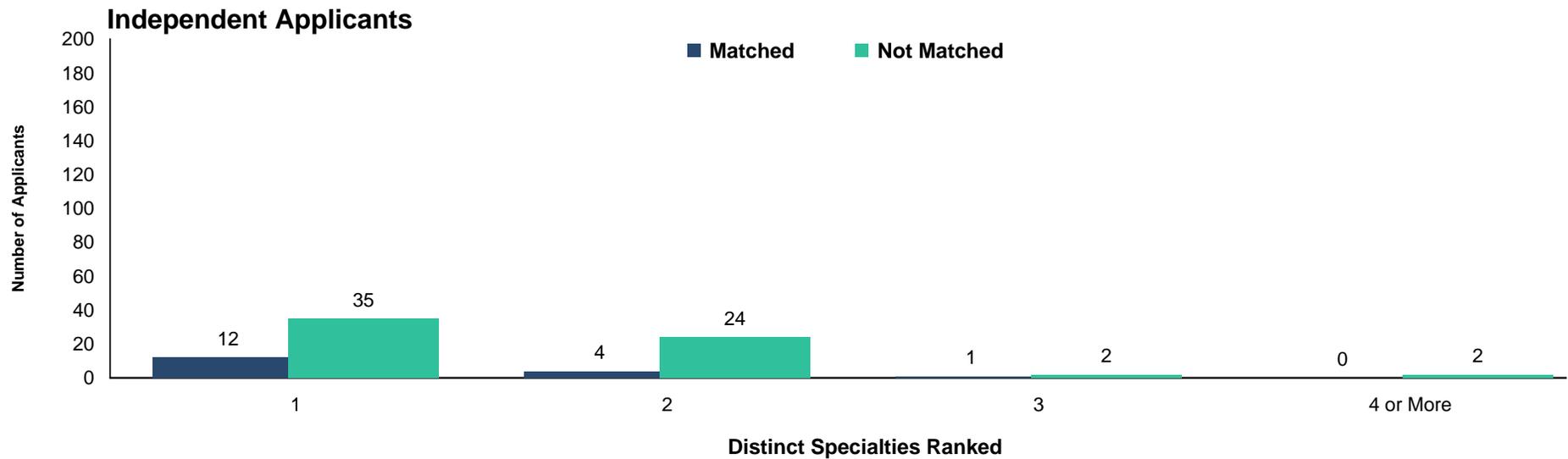
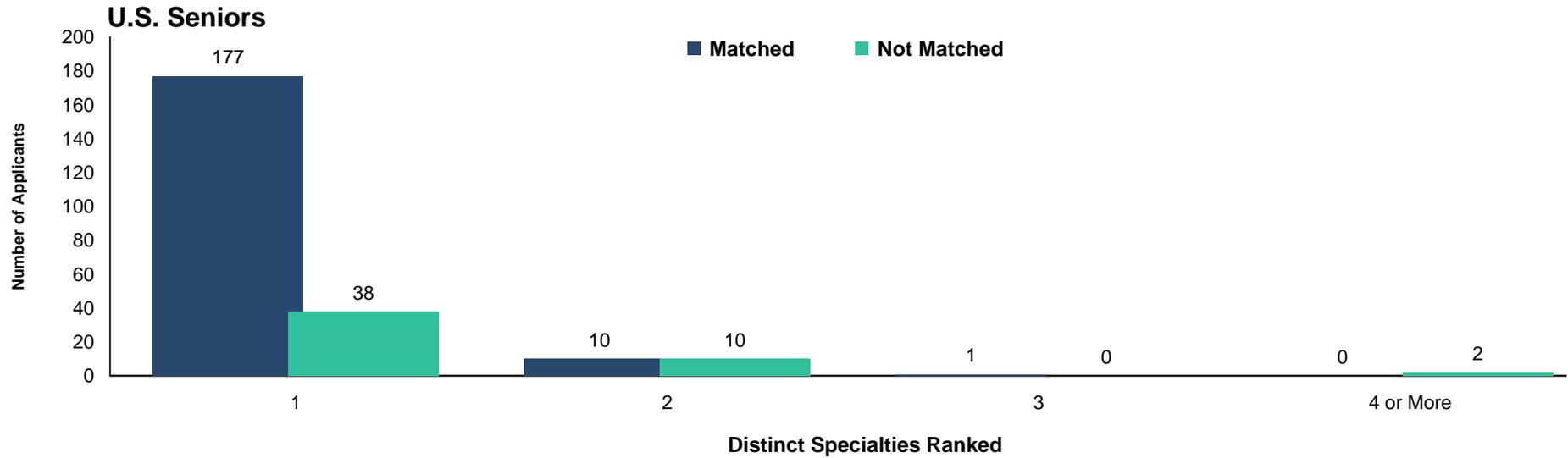
Neurological Surgery



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2014 applicants only

**Chart
NS-2**

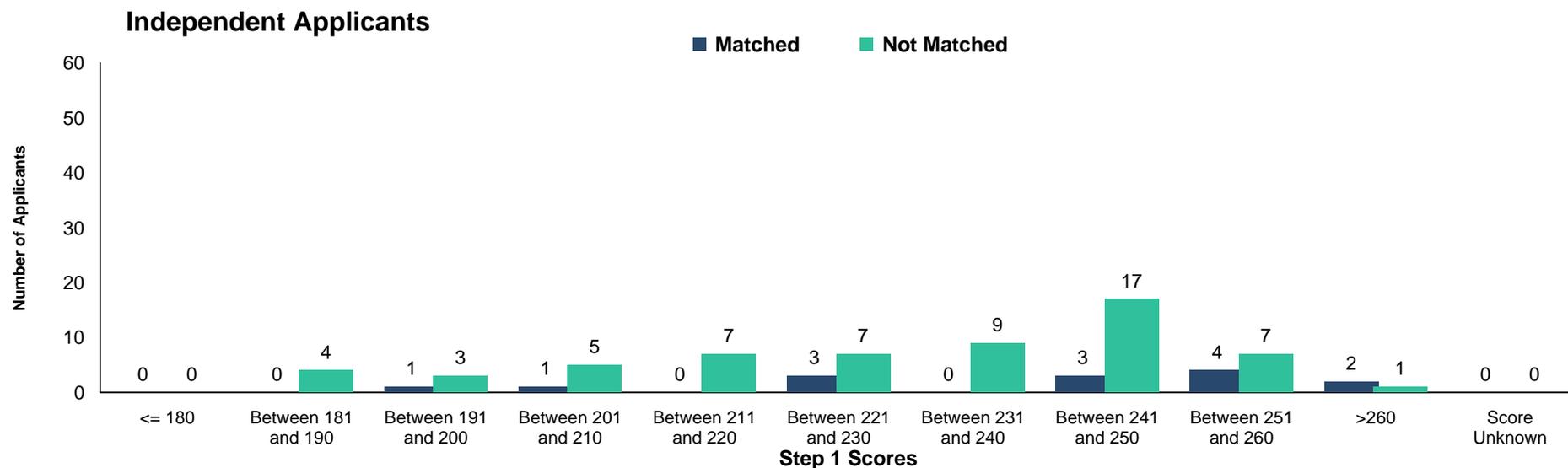
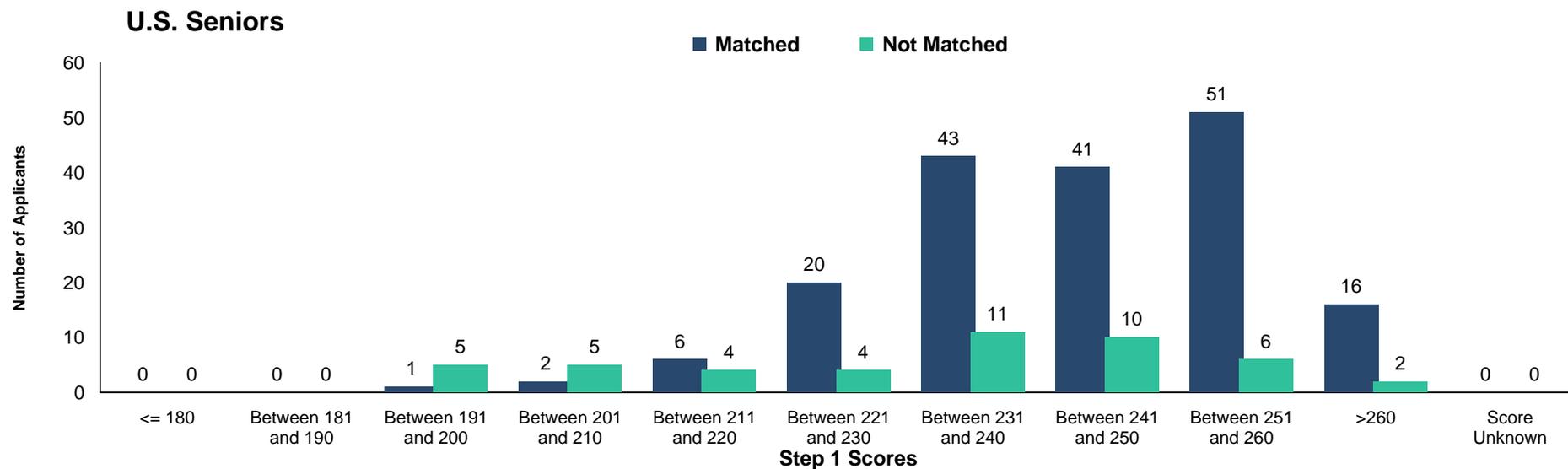
**Number of Distinct Specialties Ranked
Neurological Surgery**



Source: NRMP Data Warehouse

**Chart
NS-3**

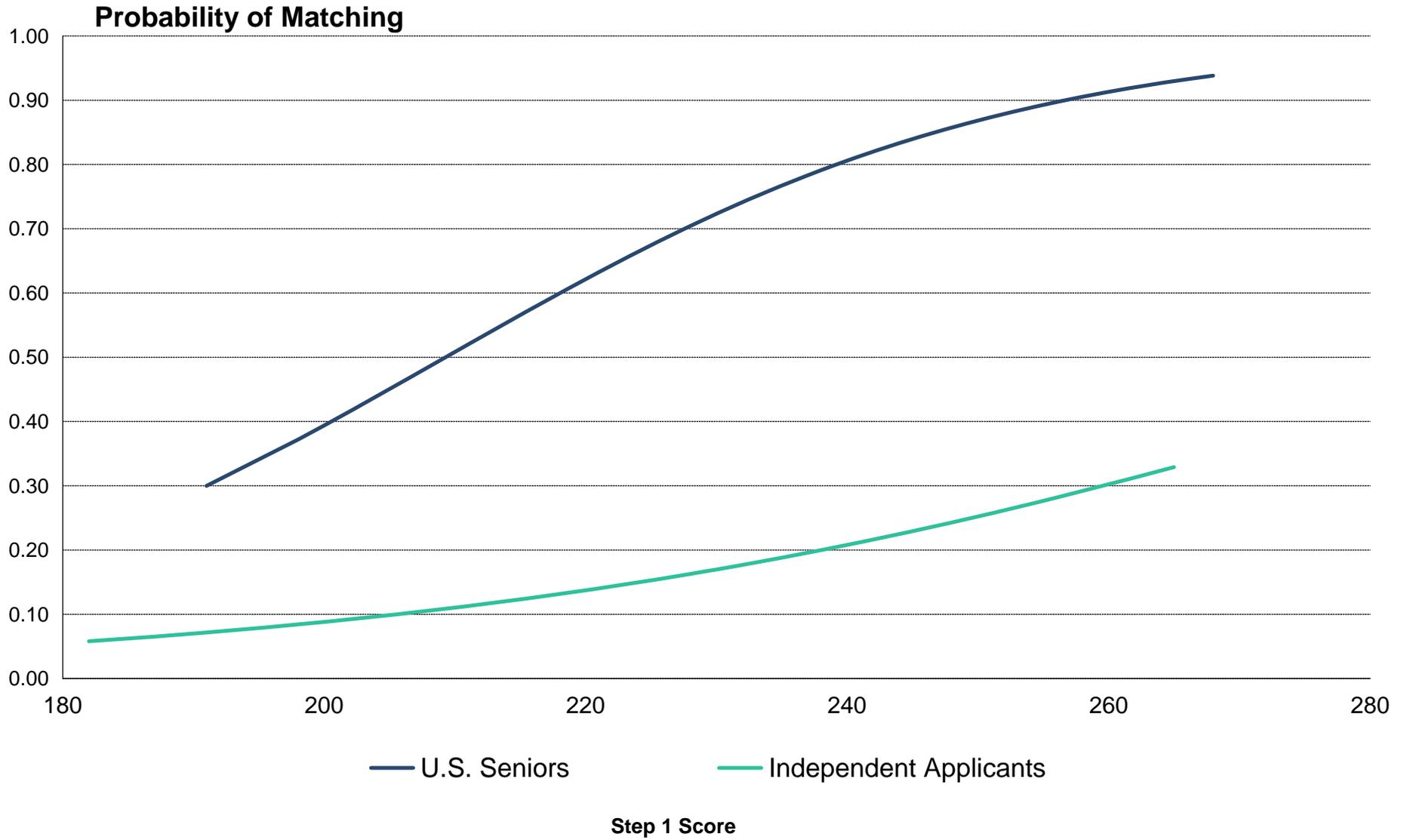
**USMLE Step 1 Scores
Neurological Surgery**



Source: NRMP Data Warehouse

Probability of Matching to Preferred Specialty by USMLE Step 1 Score

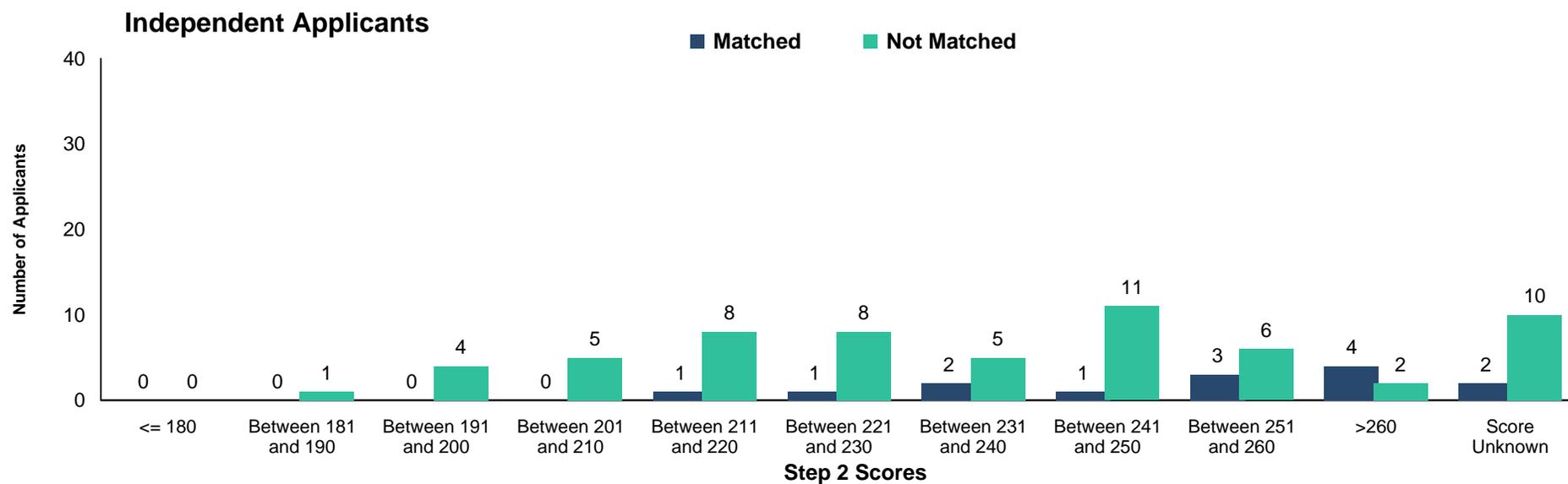
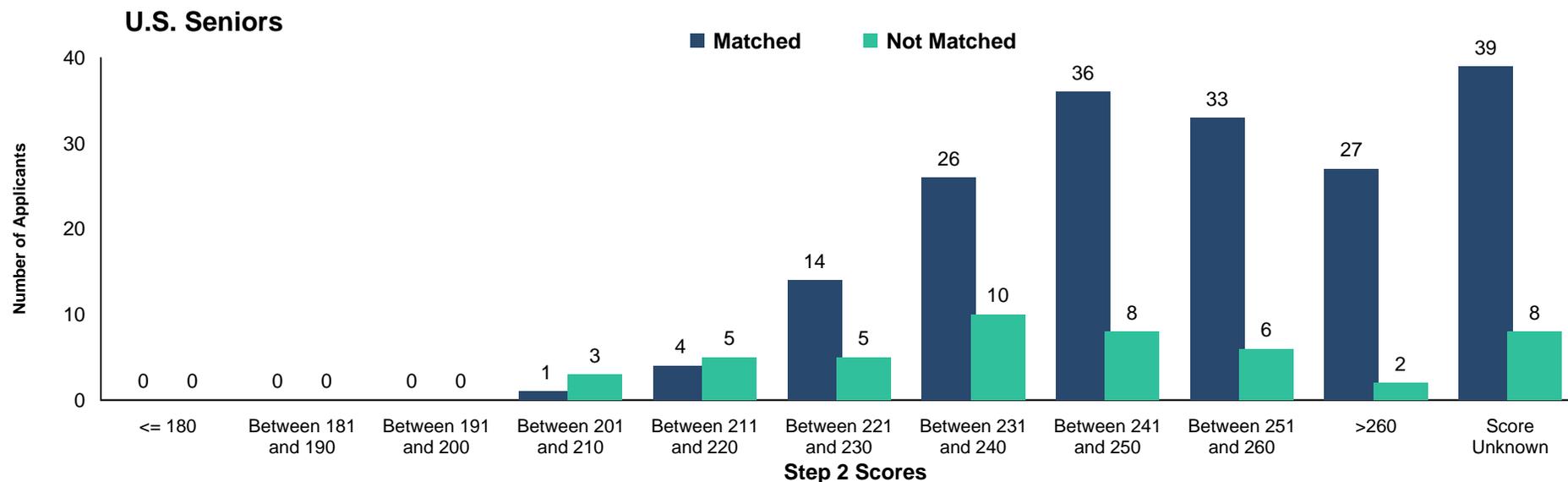
Neurological Surgery



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2014 applicants only.

**Chart
NS-4**

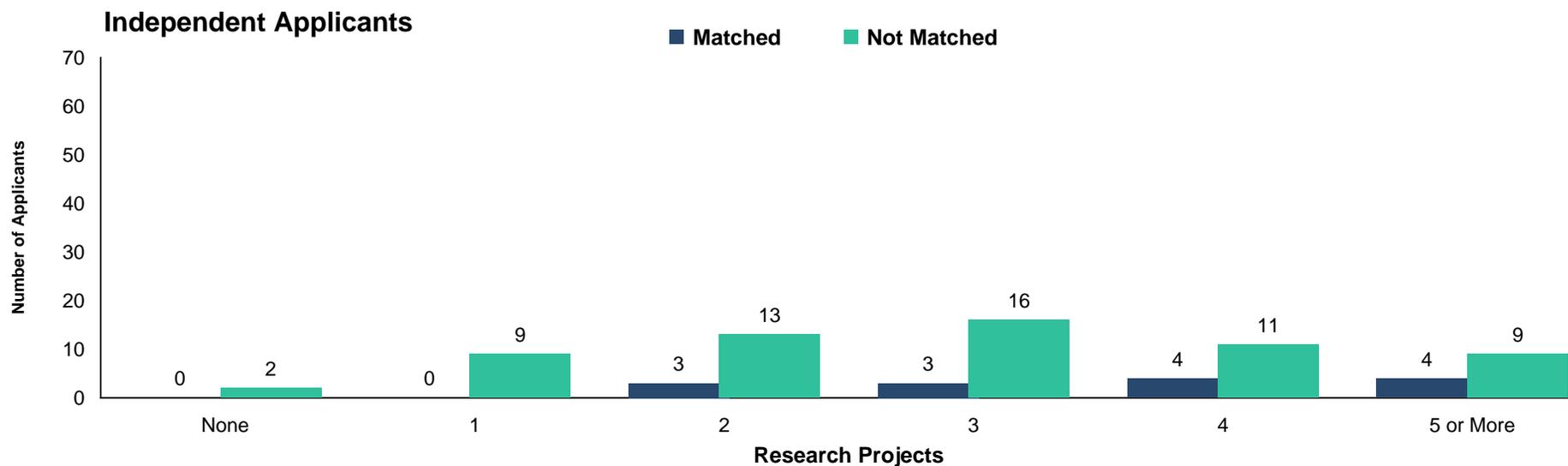
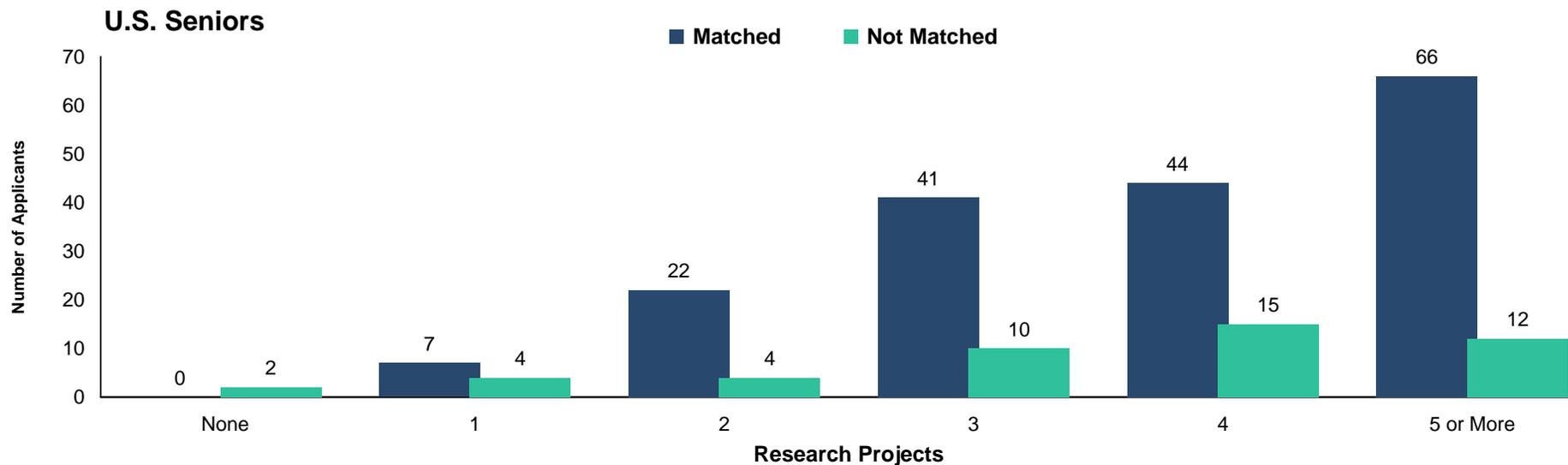
**USMLE Step 2 Scores
Neurological Surgery**



Source: NRMP Data Warehouse

**Chart
NS-5**

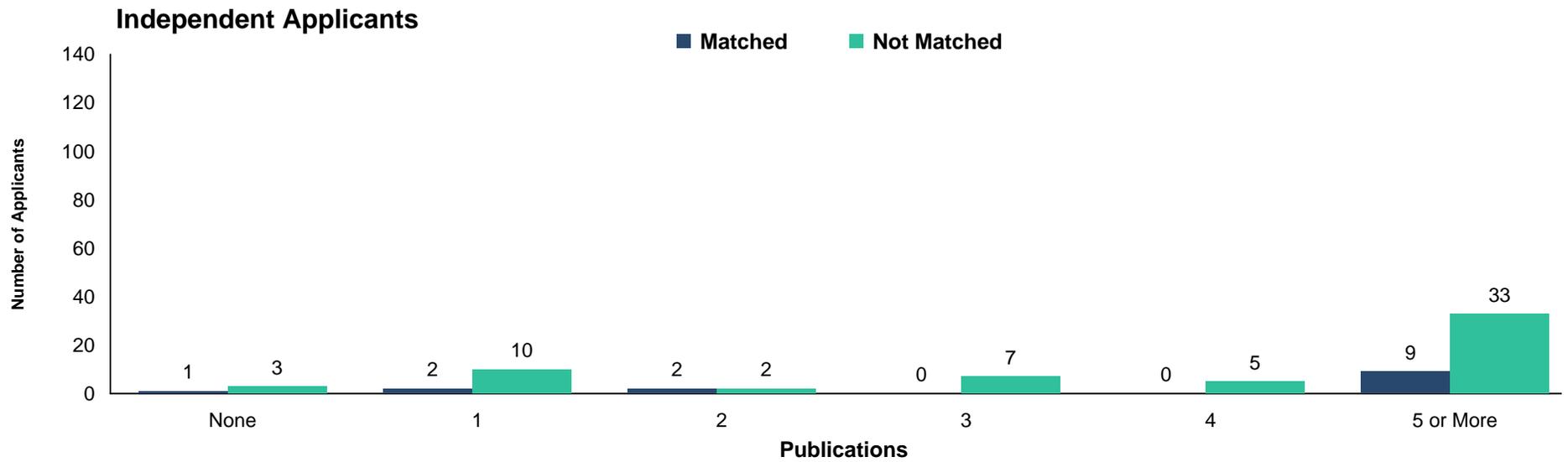
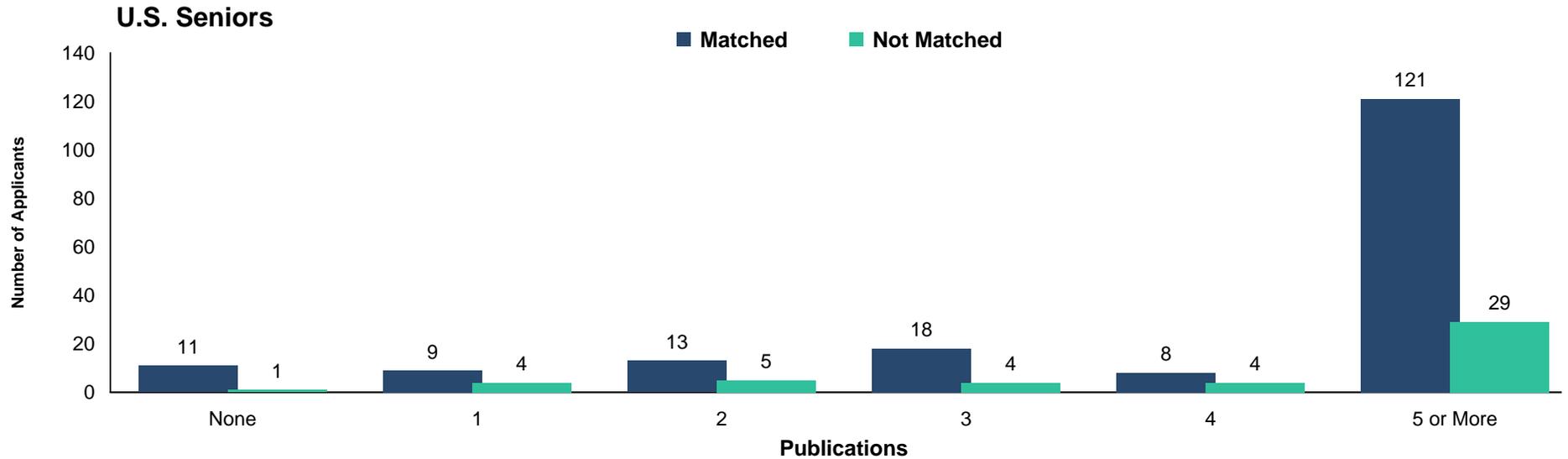
**Number of Research Projects
Neurological Surgery**



Source: NRMP Data Warehouse

**Chart
NS-6**

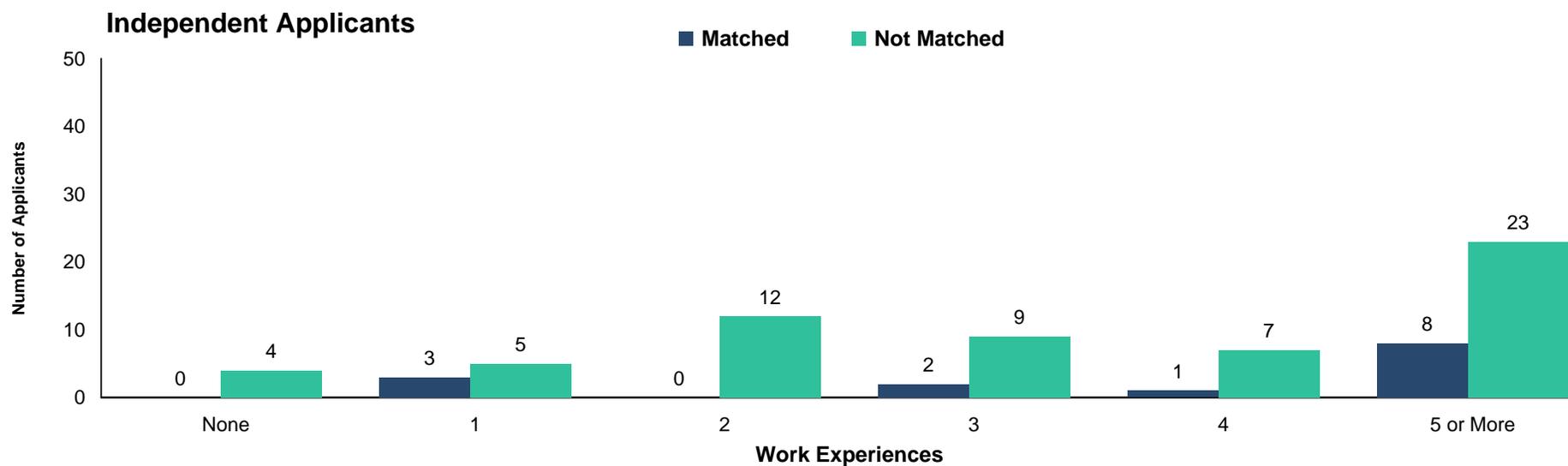
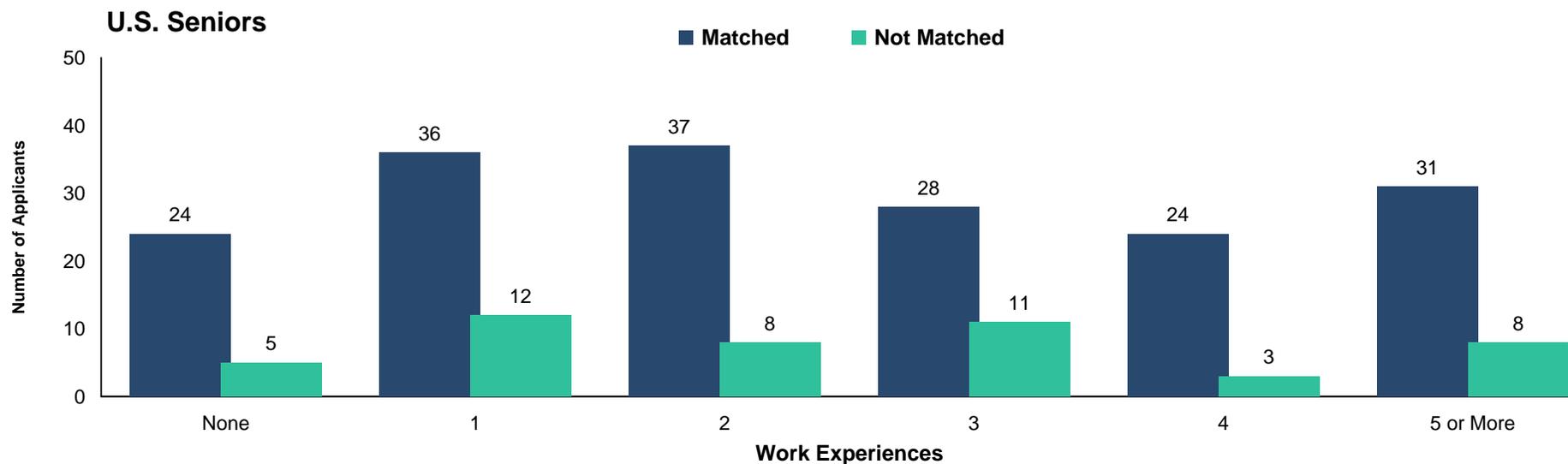
**Number of Abstracts, Presentations, and Publications
Neurological Surgery**



Source: NRMP Data Warehouse

**Chart
NS-7**

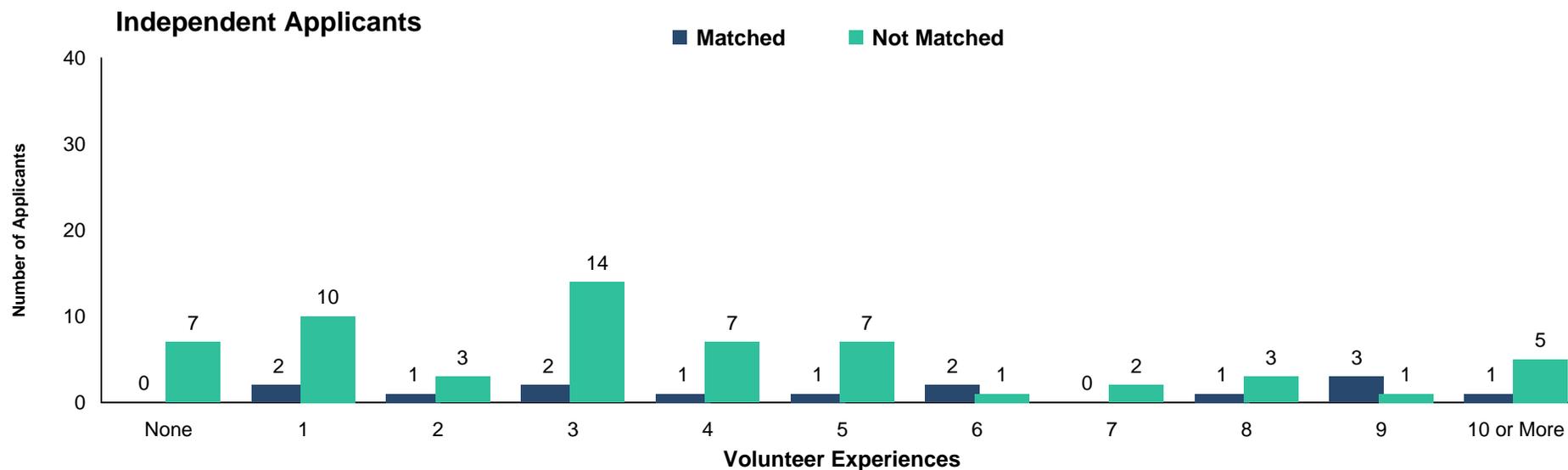
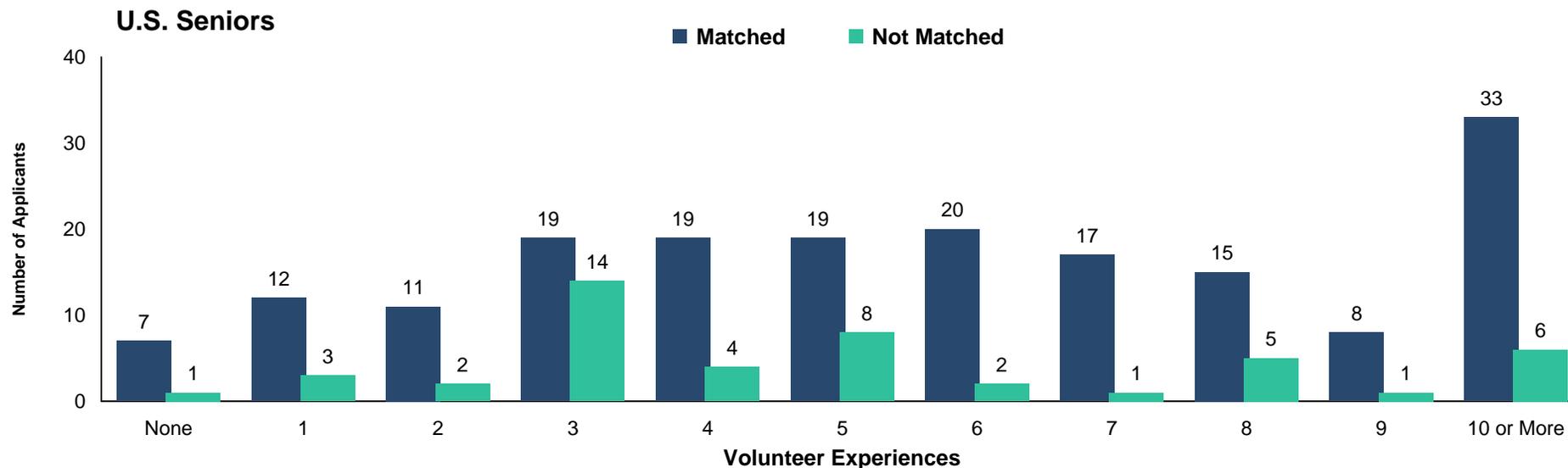
**Number of Work Experiences
Neurological Surgery**



Source: NRMP Data Warehouse

**Chart
NS-8**

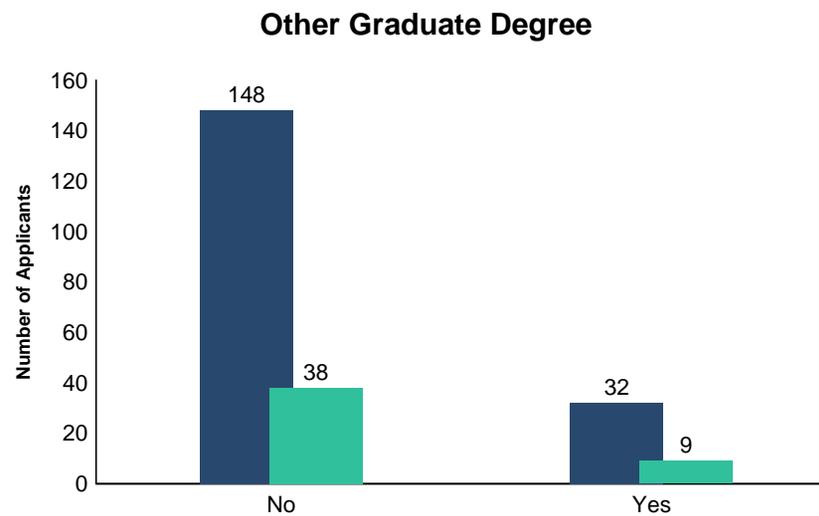
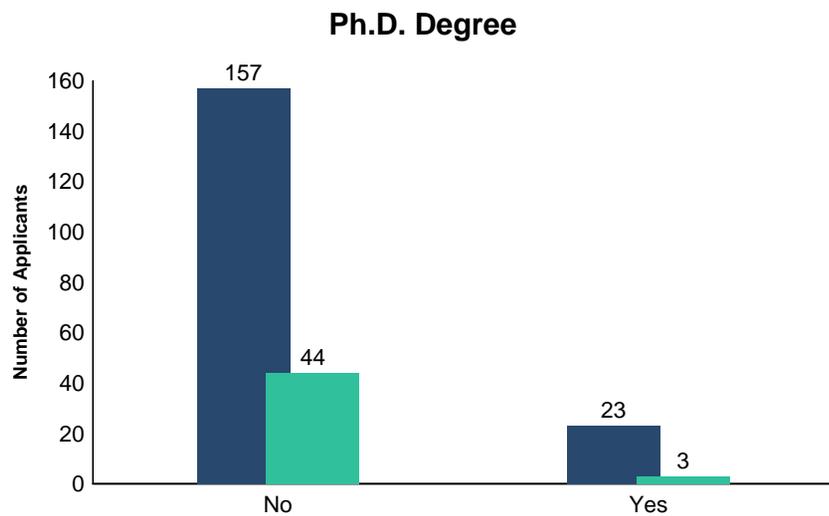
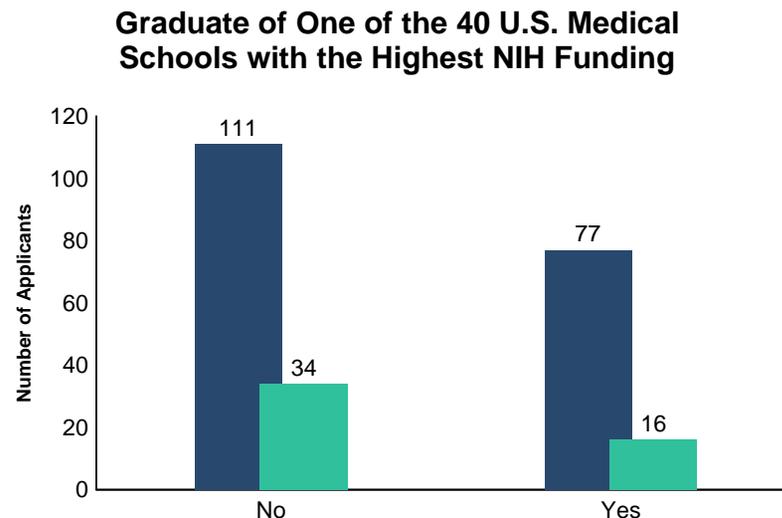
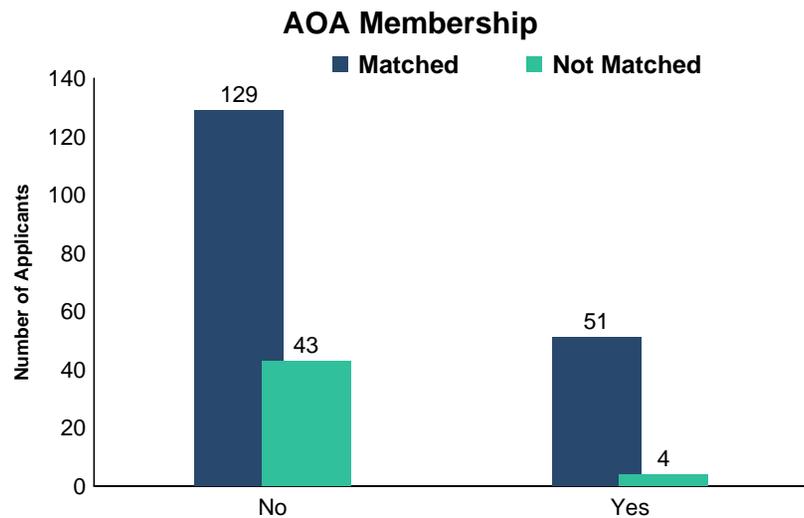
**Number of Volunteer Experiences
Neurological Surgery**



Source: NRMP Data Warehouse

**Chart
NS-9**

**Other Characteristics of U.S. Seniors
Neurological Surgery**



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

N **Neurology**

Table N-1 **Summary Statistics**
Neurology

Measure	U.S. Seniors		Independent Applicants	
	Matched (n=379)	Unmatched (n=10)	Matched (n=286)	Unmatched (n=194)
1. Mean number of contiguous ranks	11.3	5.6	6.2	2.1
2. Mean number of distinct specialties ranked	1.3	1.2	1.8	1.8
3. Mean USMLE Step 1 score	230	208	226	216
4. Mean USMLE Step 2 score	241	236	232	219
5. Mean number of research experiences	2.9	2.3	2.3	2.5
6. Mean number of abstracts, presentations, and publications	4.9	3.2	5.9	5.5
7. Mean number of work experiences	2.8	2.6	4.1	5.1
8. Mean number of volunteer experiences	6.1	5.4	4.0	3.3
9. Percentage who are AOA members	12.8	0.0	n/a	n/a
10. Percentage who graduated from one of the 40 U.S. medical schools with the highest NIH funding	36.1	10.0	n/a	n/a
11. Percentage who have Ph.D. degree	8.9	10.0	n/a	n/a
12. Percentage who have another graduate degree	15.6	10.0	n/a	n/a

n/a: The measure either does not apply to, applies to only a small percentage of, or no reliable data were available for independent applicants.

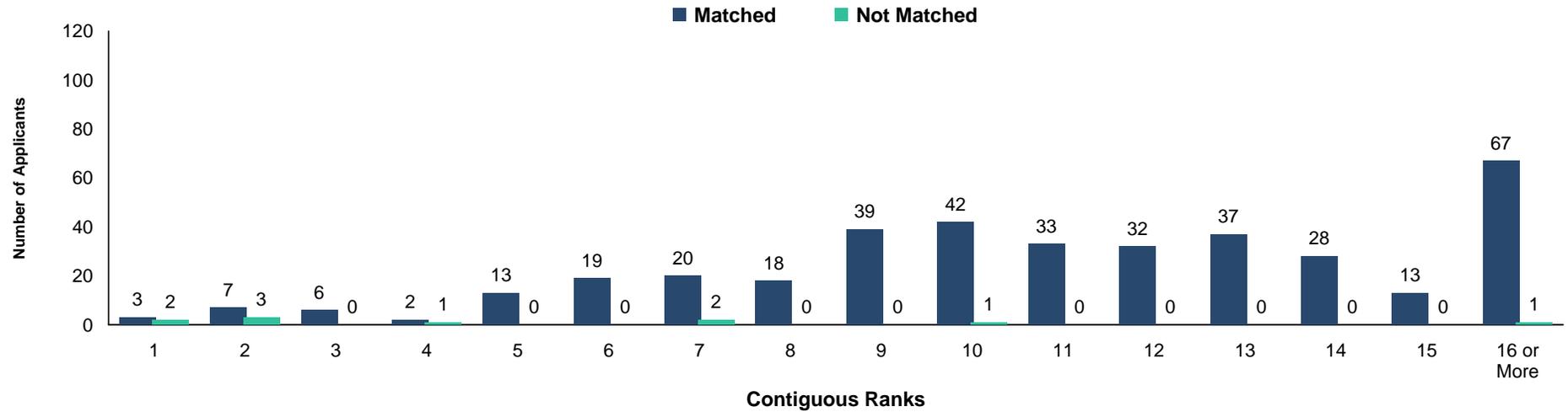
Sources. NRMP Data Warehouse; Top 40 U.S. medical schools with the highest NIH funding in measure 10 is from the NIH website (<http://report.nih.gov/award/index.cfm>).

Note: Measures 3-9 and 11-12 included only applicants who gave consent to use their information in research. USMLE Step scores are not available for most osteopathic medical school students and graduates included in the independent applicant group.

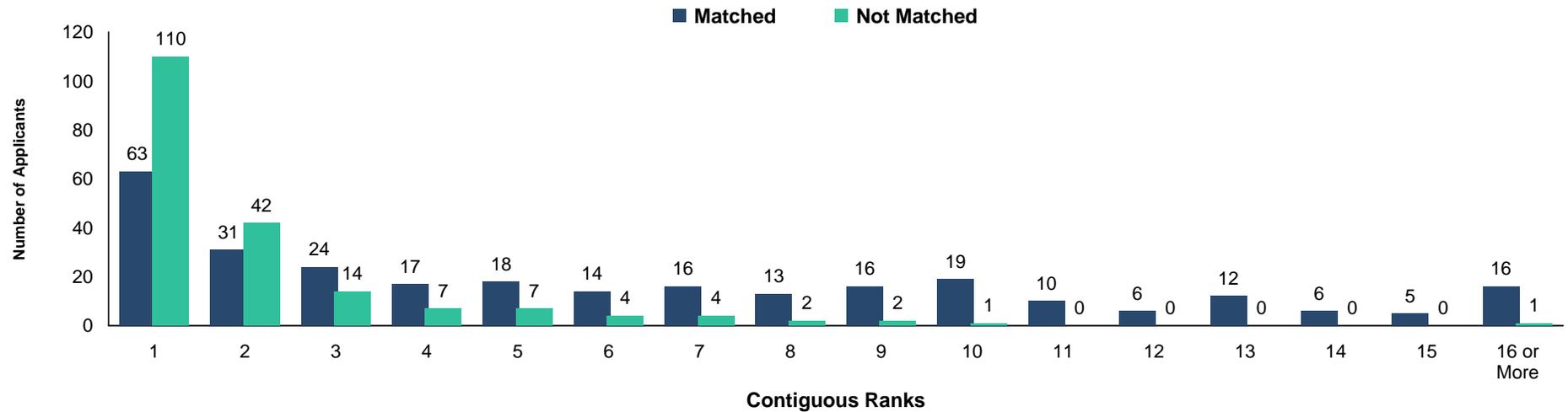
**Chart
N-1**

**Number of Contiguous Ranks Within Preferred Specialty
Neurology**

U.S. Seniors



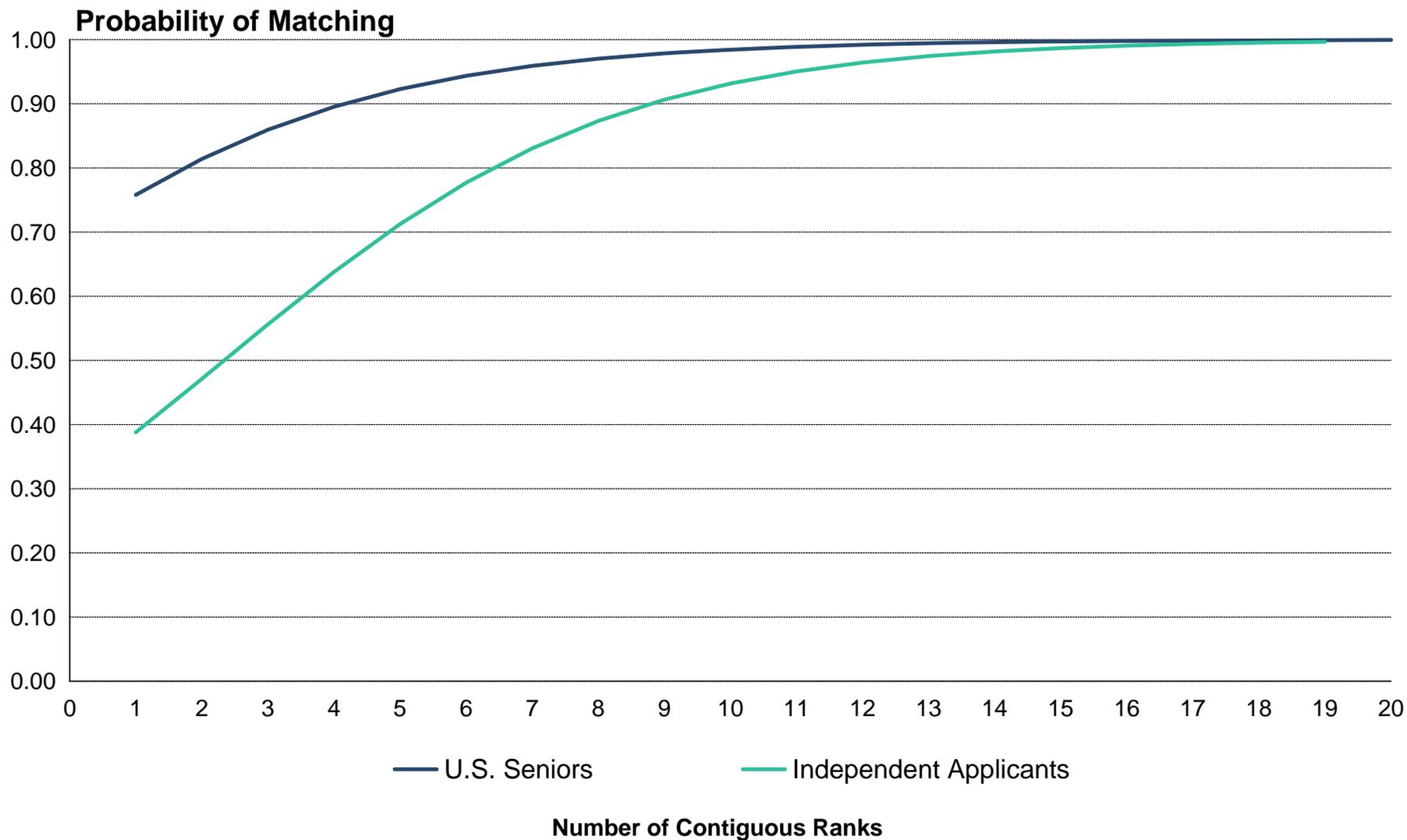
Independent Applicants



Source: NRMP Data Warehouse

Probability of Matching to Preferred Specialty by Number of Contiguous Ranks

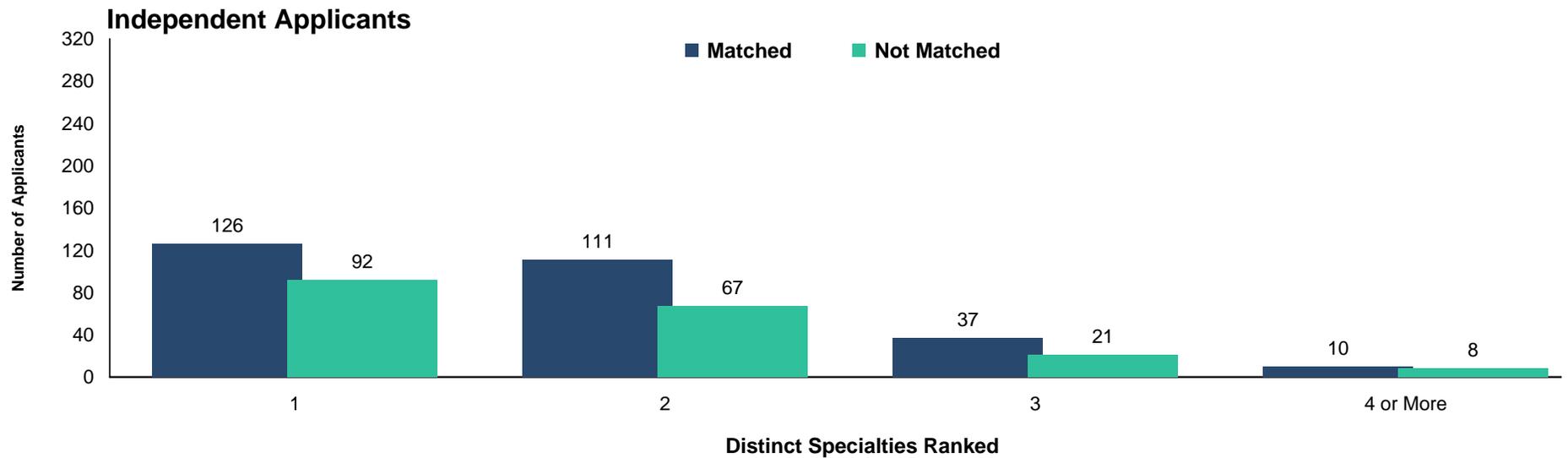
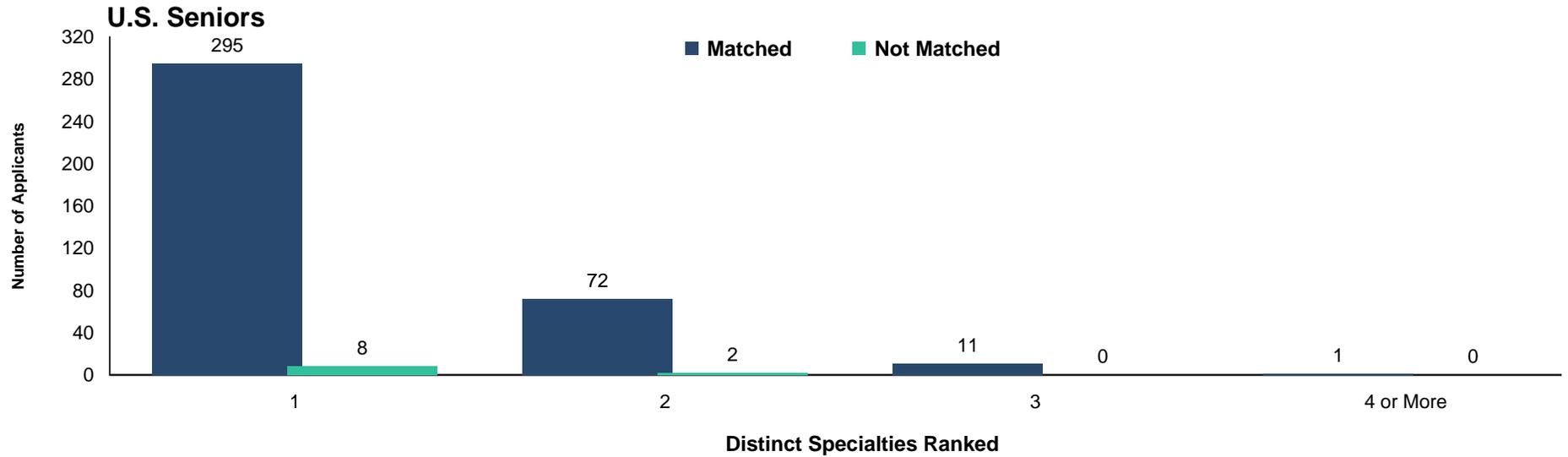
Neurology



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2014 applicants only

**Chart
N-2**

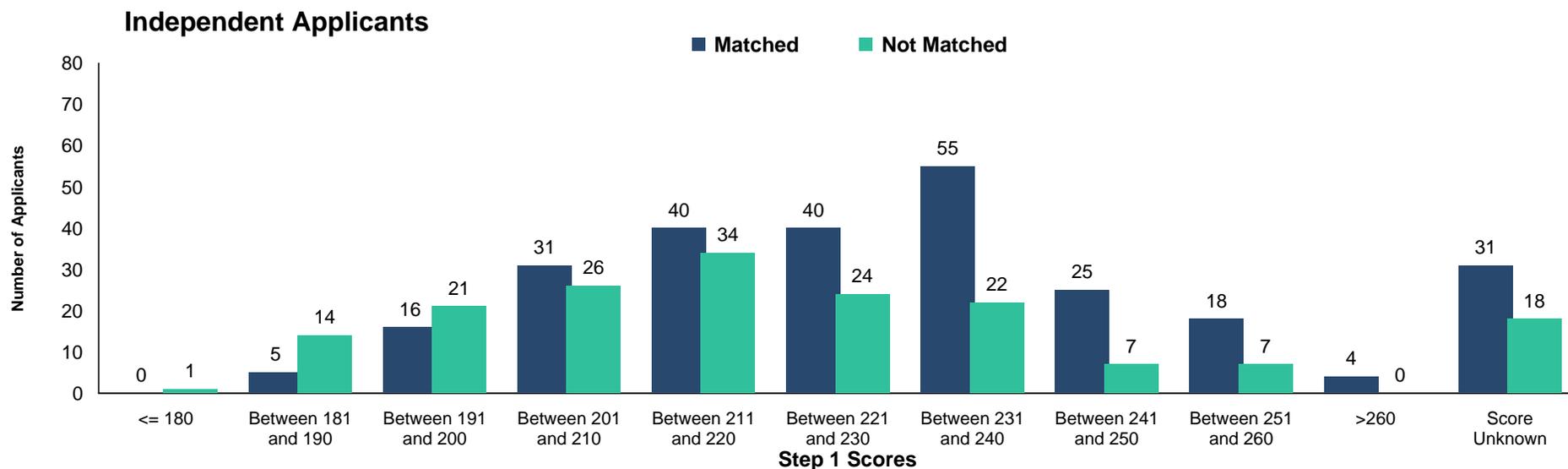
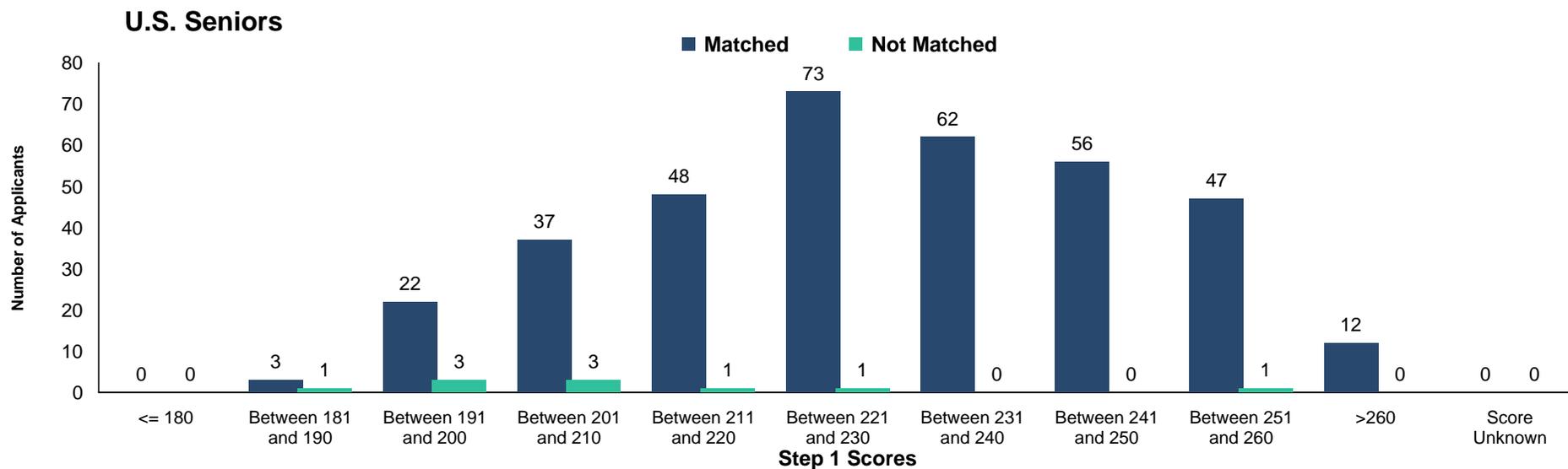
**Number of Distinct Specialties Ranked
Neurology**



Source: NRMP Data Warehouse

**Chart
N-3**

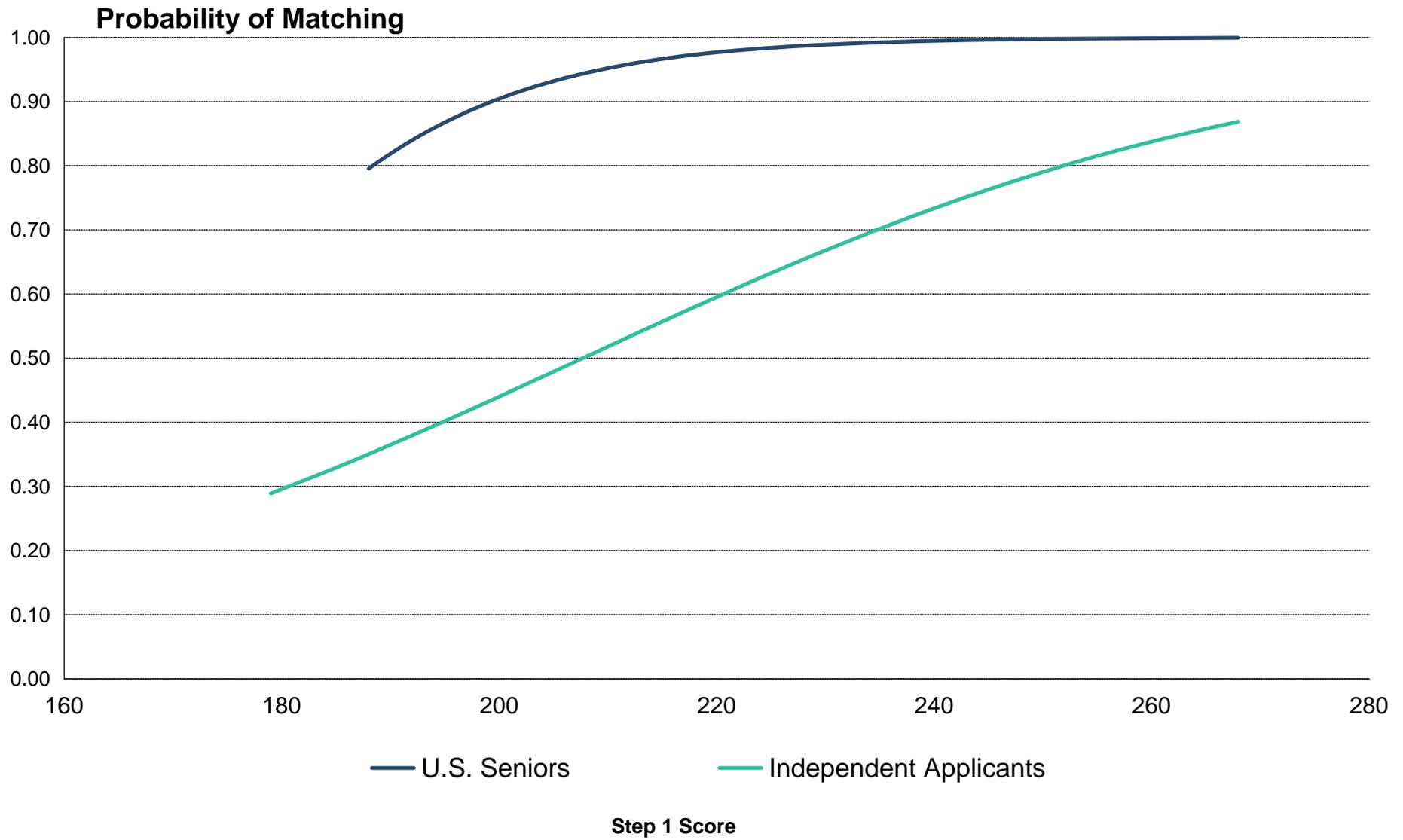
**USMLE Step 1 Scores
Neurology**



Source: NRMP Data Warehouse

**Graph
N-2**

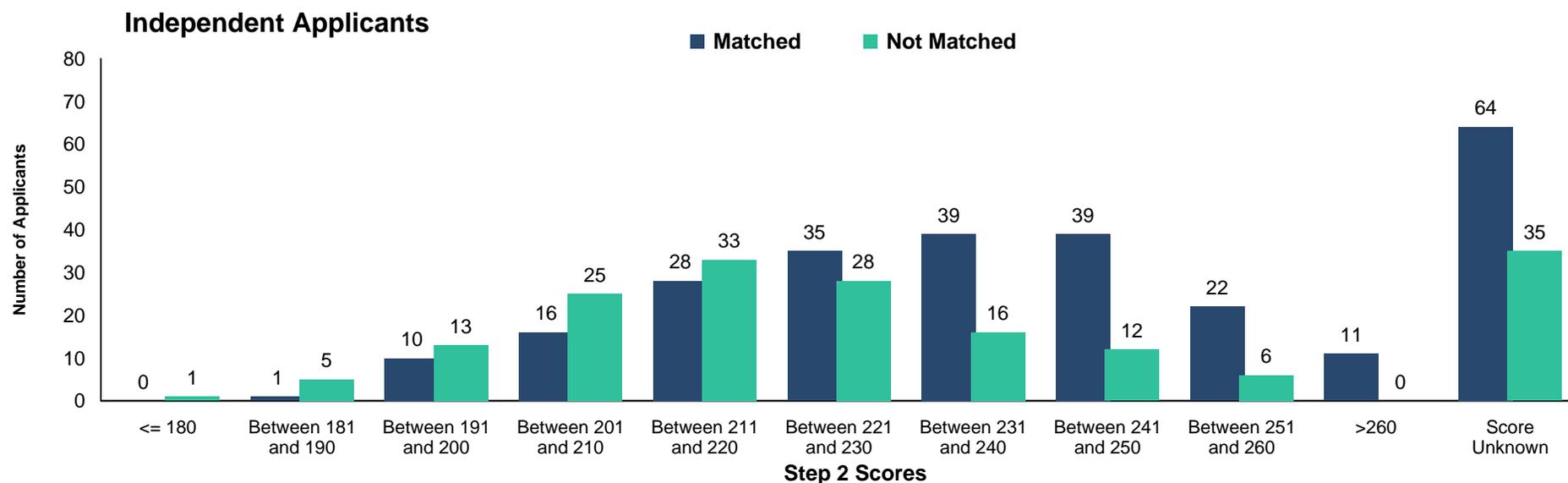
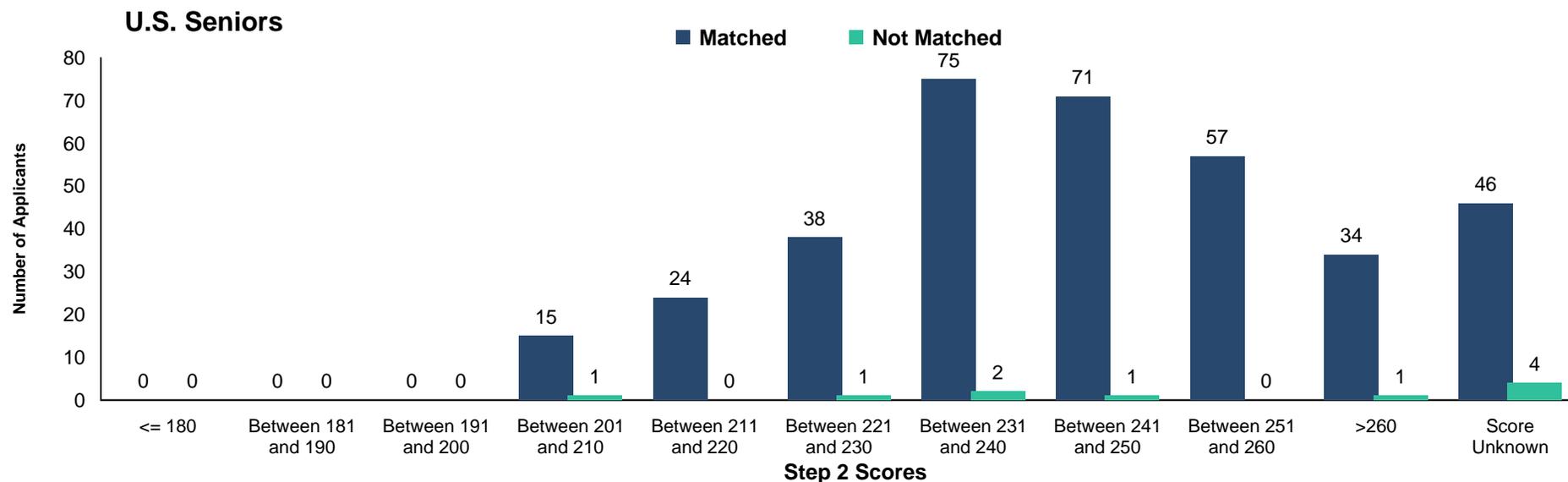
Probability of Matching to Preferred Specialty by USMLE Step 1 Score
Neurology



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2014 applicants only.

**Chart
N-4**

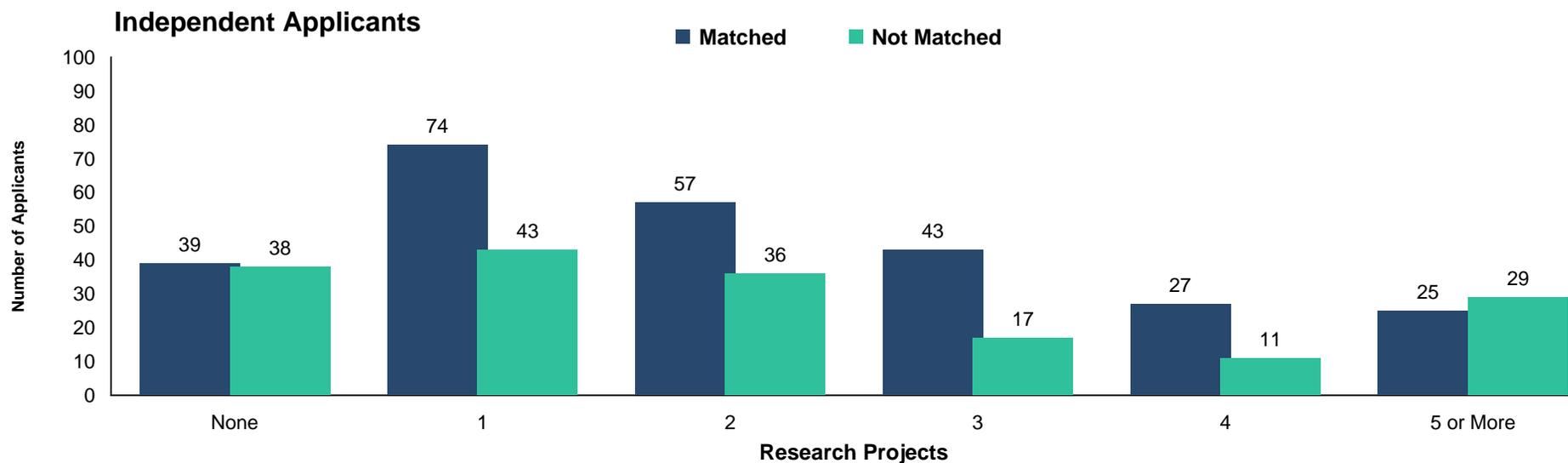
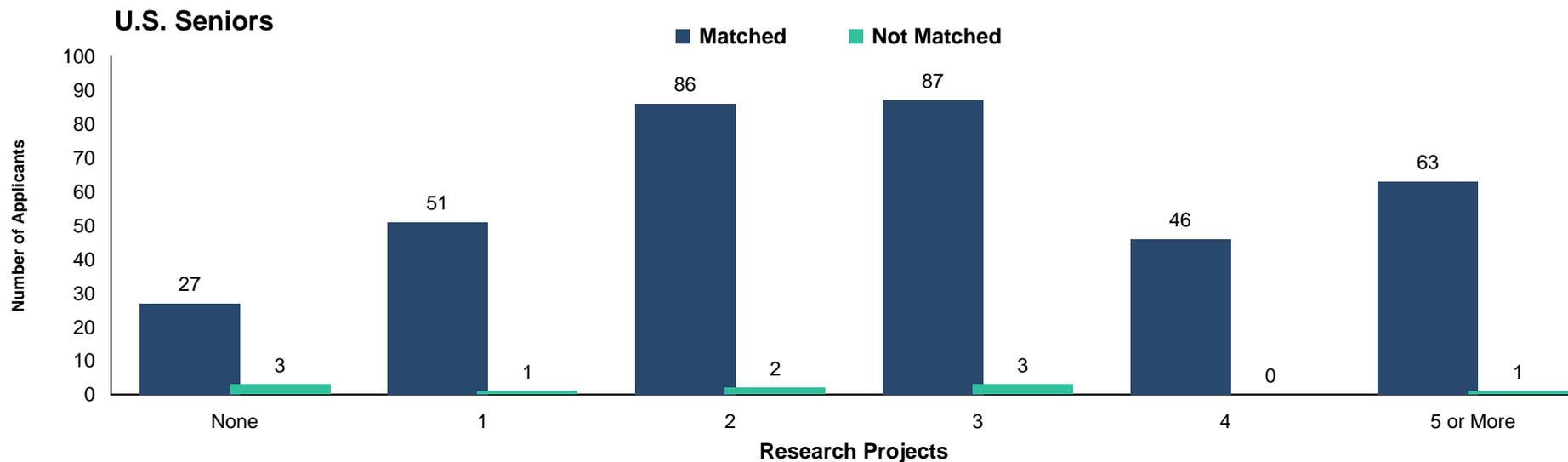
**USMLE Step 2 Scores
Neurology**



Source: NRMP Data Warehouse

**Chart
N-5**

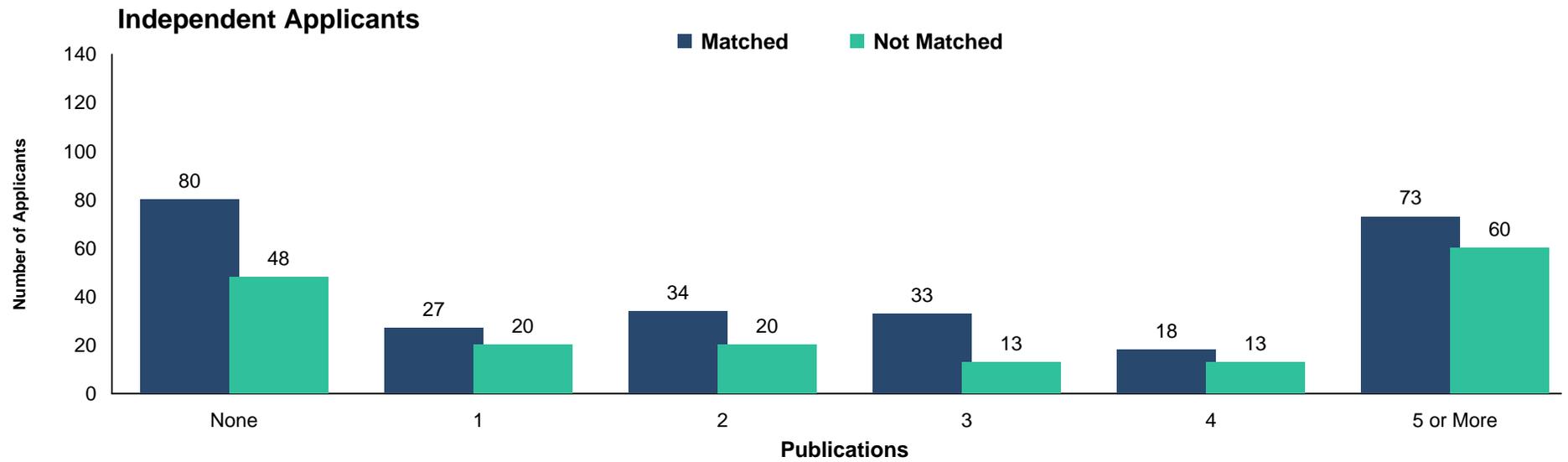
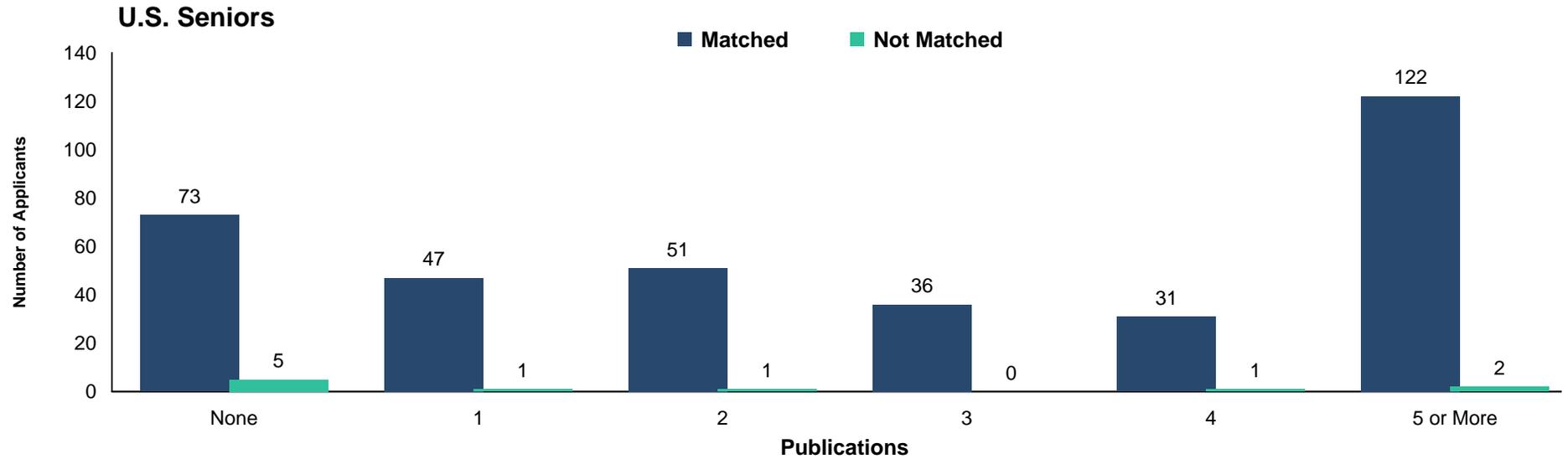
**Number of Research Projects
Neurology**



Source: NRMP Data Warehouse

**Chart
N-6**

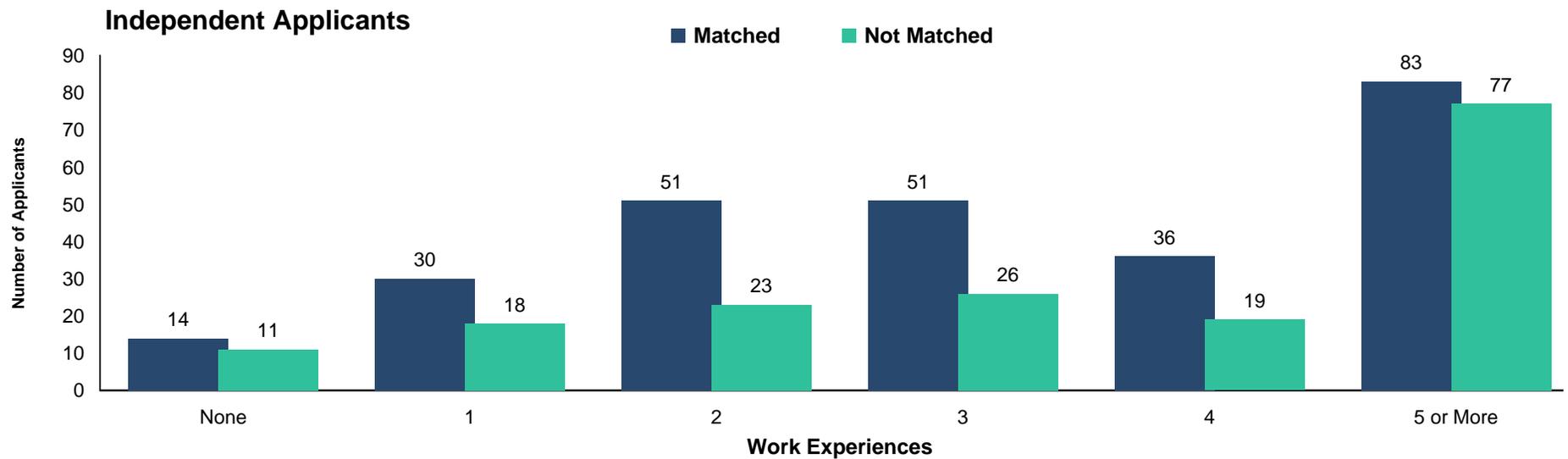
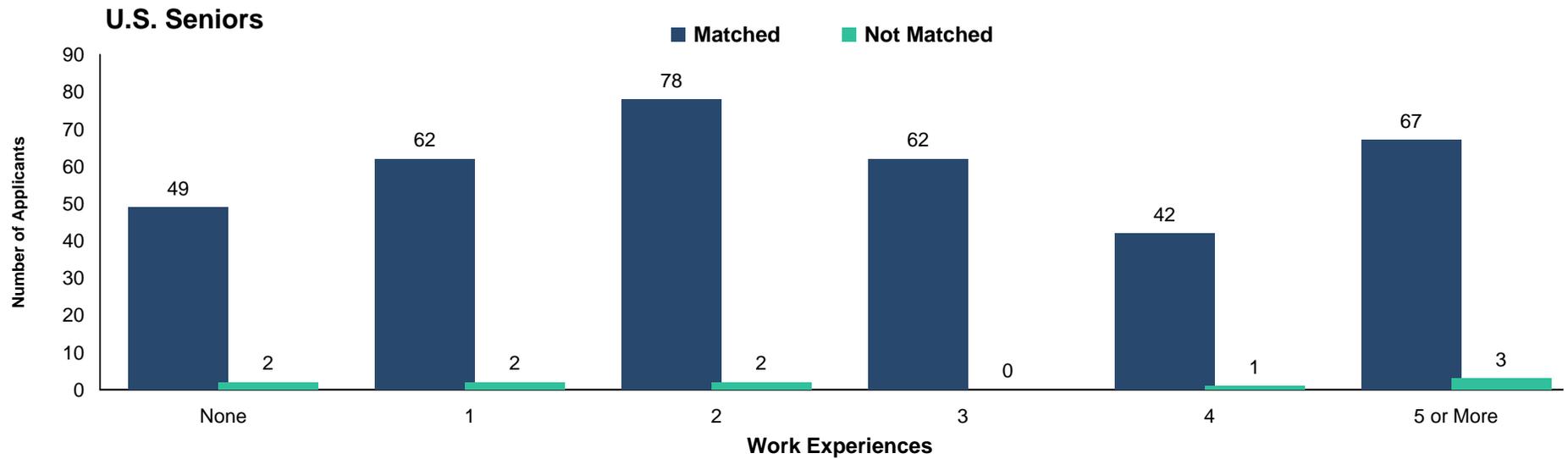
**Number of Abstracts, Presentations, and Publications
Neurology**



Source: NRMP Data Warehouse

**Chart
N-7**

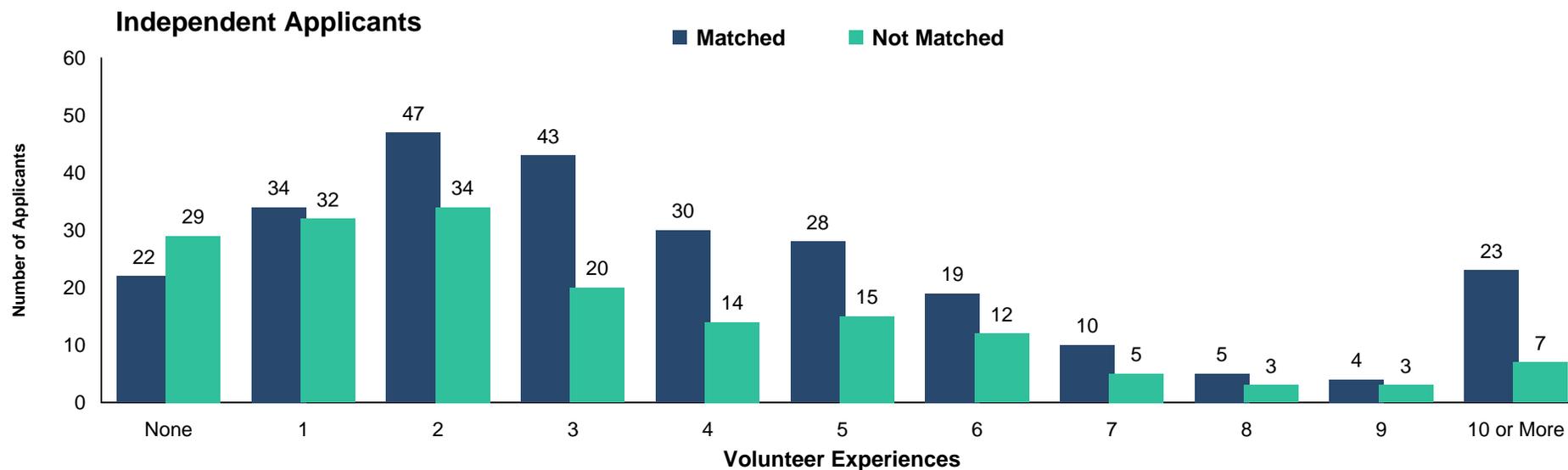
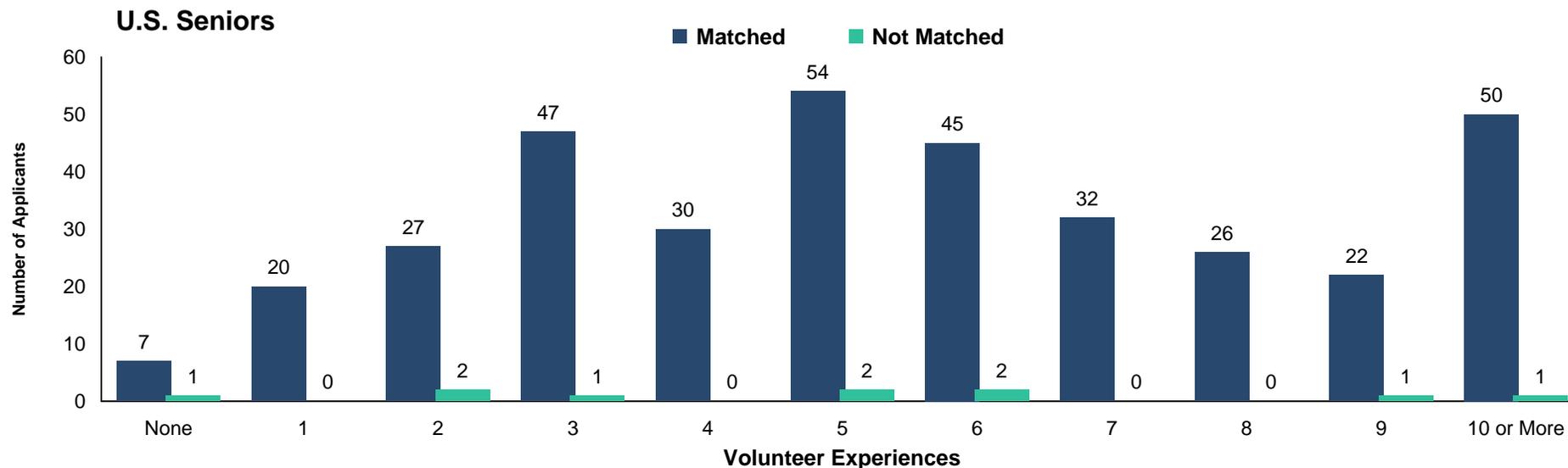
**Number of Work Experiences
Neurology**



Source: NRMP Data Warehouse

**Chart
N-8**

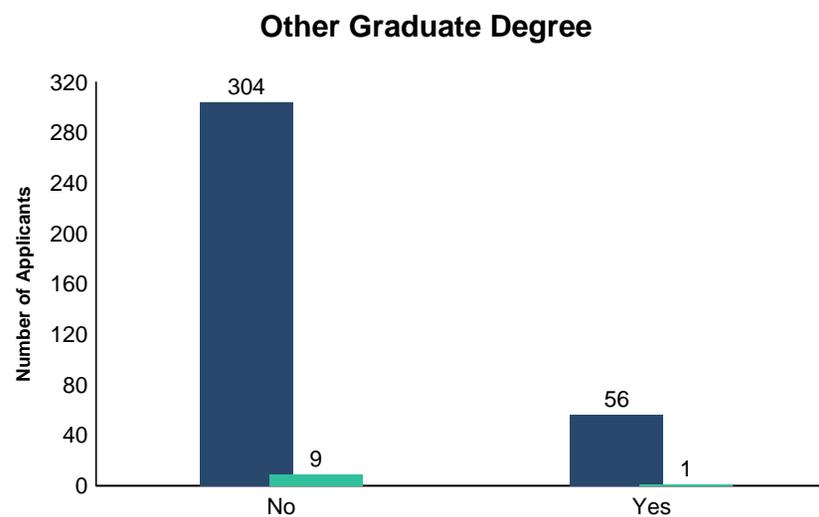
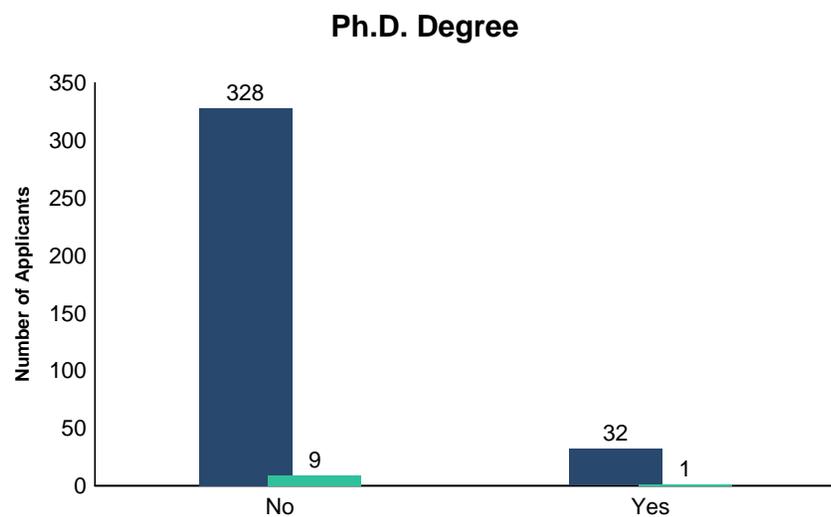
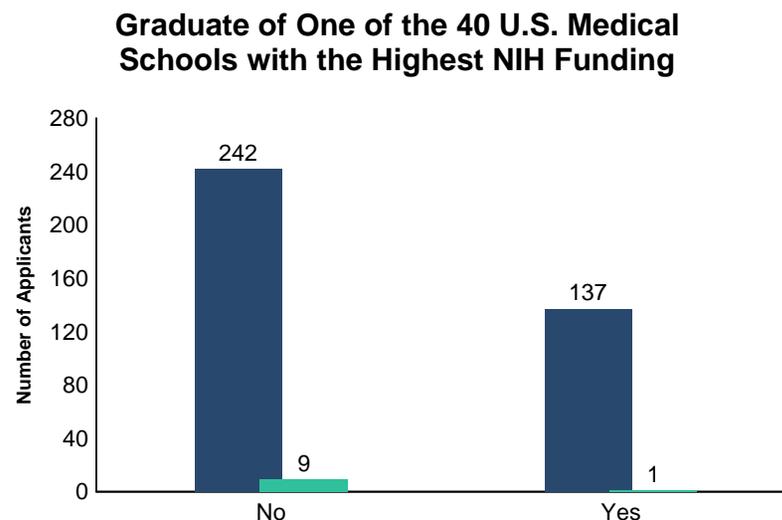
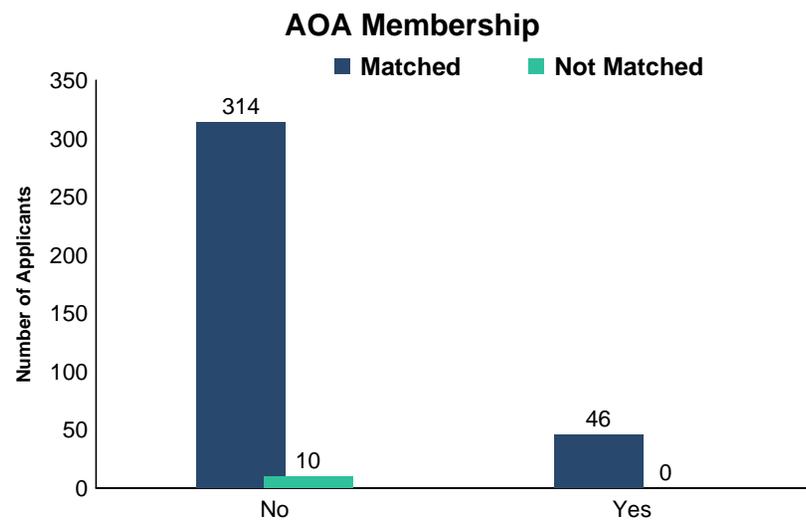
**Number of Volunteer Experiences
Neurology**



Source: NRMP Data Warehouse

**Chart
N-9**

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



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

OB **Obstetrics and Gynecology**

Table OB-1 **Summary Statistics**
Obstetrics and Gynecology

Measure	U.S. Seniors		Independent Applicants	
	Matched (n=949)	Unmatched (n=89)	Matched (n=278)	Unmatched (n=303)
1. Mean number of contiguous ranks	11.7	6.9	7.6	3.4
2. Mean number of distinct specialties ranked	1.0	1.2	1.2	1.5
3. Mean USMLE Step 1 score	226	209	223	213
4. Mean USMLE Step 2 score	242	225	236	222
5. Mean number of research experiences	2.7	2.4	1.9	1.9
6. Mean number of abstracts, presentations, and publications	3.3	3.3	2.8	3.1
7. Mean number of work experiences	3.1	2.9	3.4	5.8
8. Mean number of volunteer experiences	8.3	8.1	6.6	4.2
9. Percentage who are AOA members	12.6	2.4	n/a	n/a
10. Percentage who graduated from one of the 40 U.S. medical schools with the highest NIH funding	29.8	24.7	n/a	n/a
11. Percentage who have Ph.D. degree	1.7	2.4	n/a	n/a
12. Percentage who have another graduate degree	16.4	13.3	n/a	n/a

n/a: The measure either does not apply to, applies to only a small percentage of, or no reliable data were available for independent applicants.

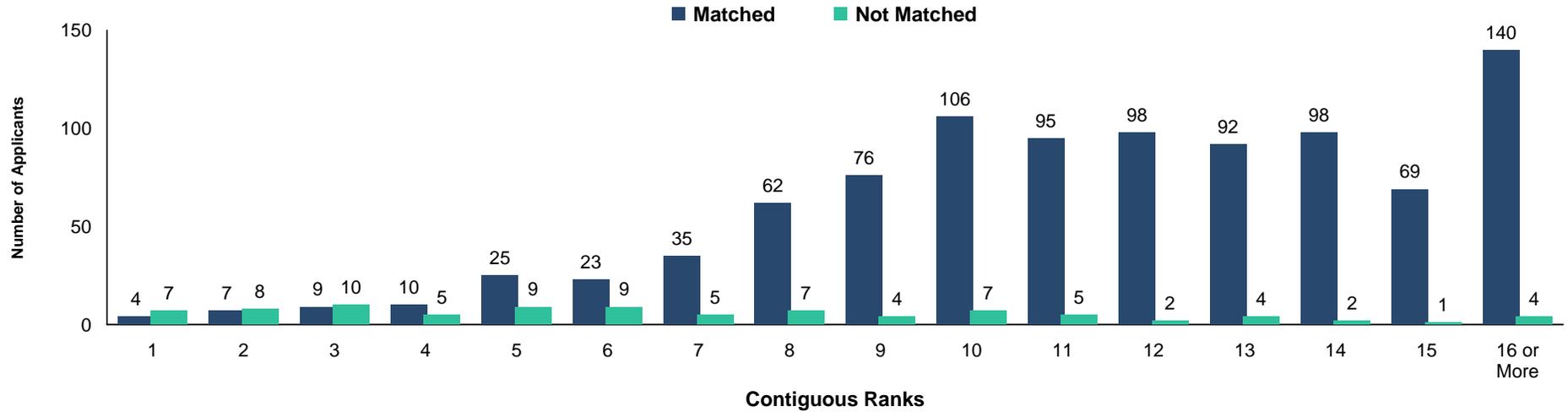
Sources. NRMP Data Warehouse; Top 40 U.S. medical schools with the highest NIH funding in measure 10 is from the NIH website (<http://report.nih.gov/award/index.cfm>).

Note: Measures 3-9 and 11-12 included only applicants who gave consent to use their information in research. USMLE Step scores are not available for most osteopathic medical school students and graduates included in the independent applicant group.

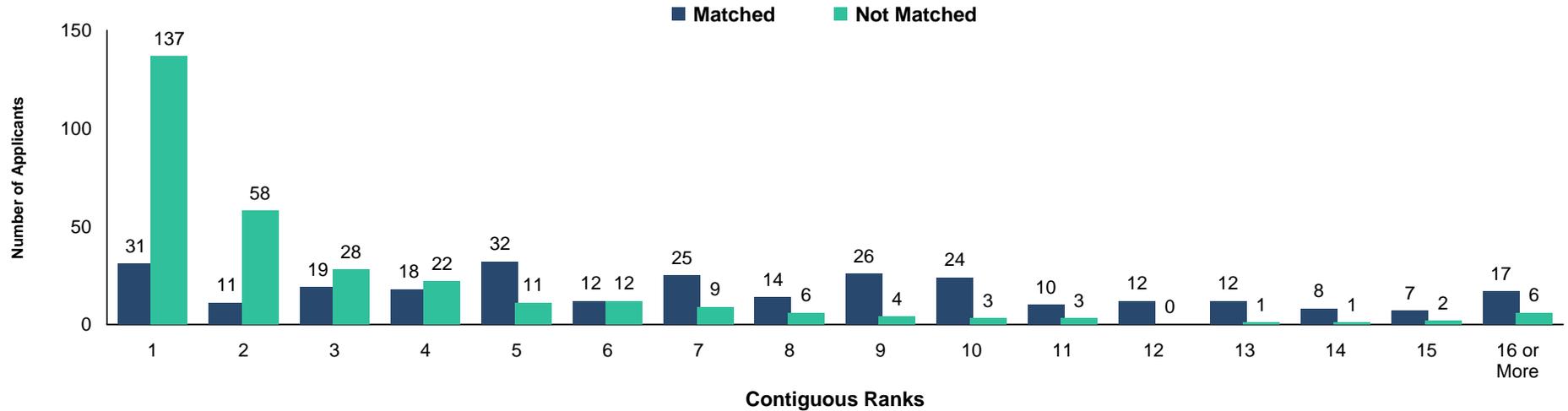
**Chart
OB-1**

**Number of Contiguous Ranks Within Preferred Specialty
Obstetrics and Gynecology**

U.S. Seniors

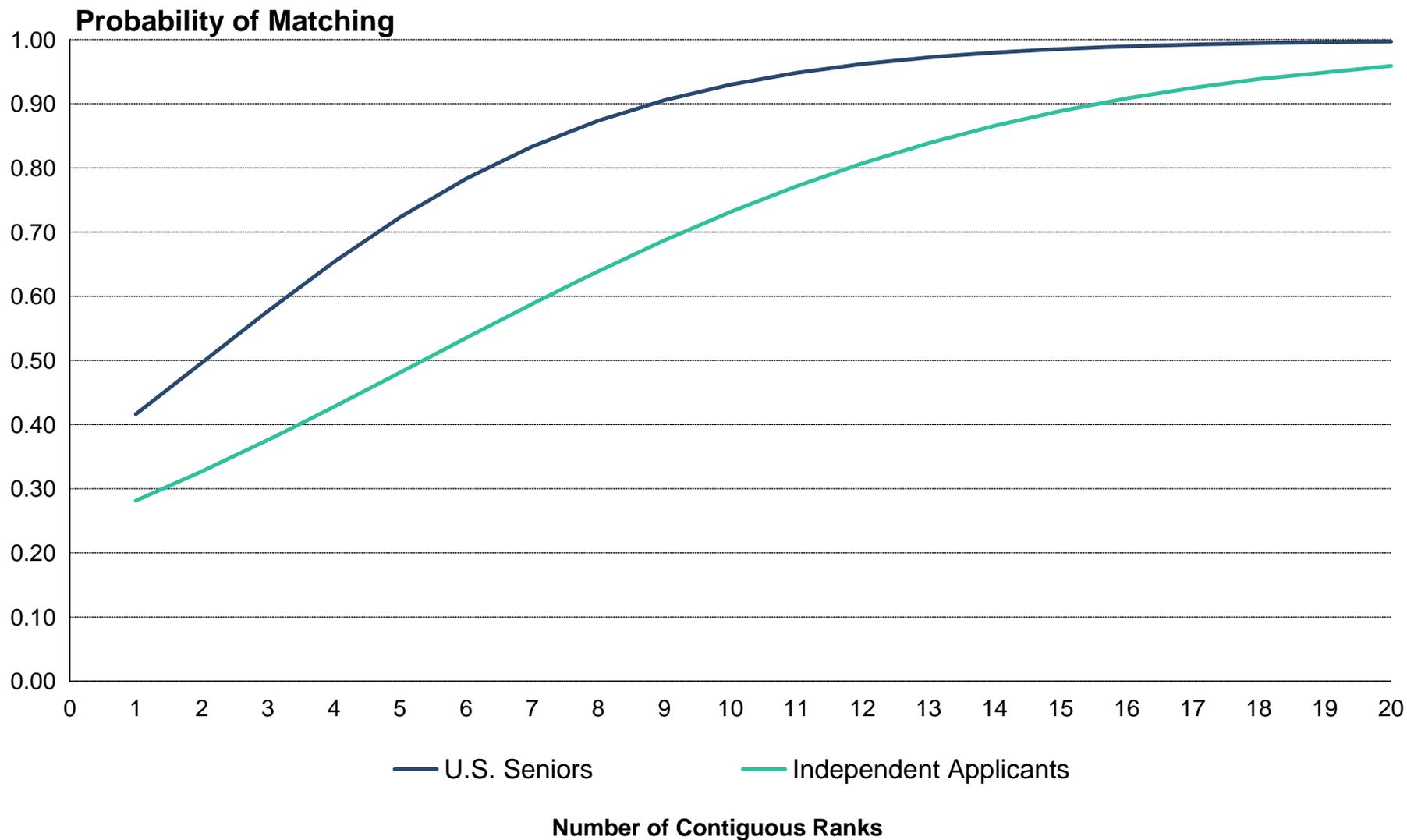


Independent Applicants



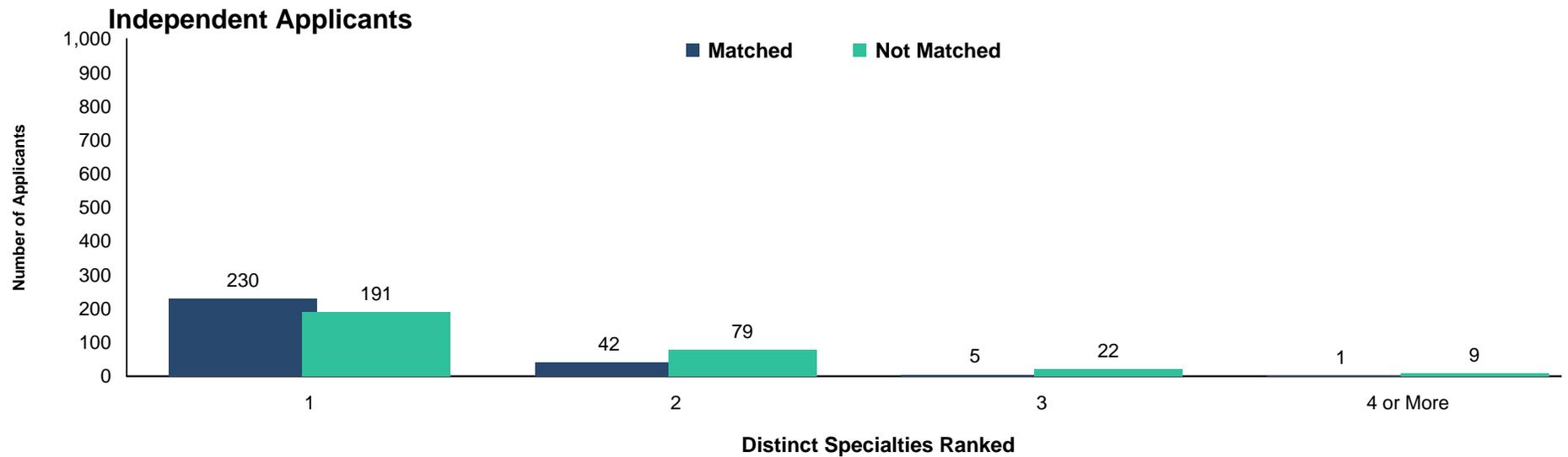
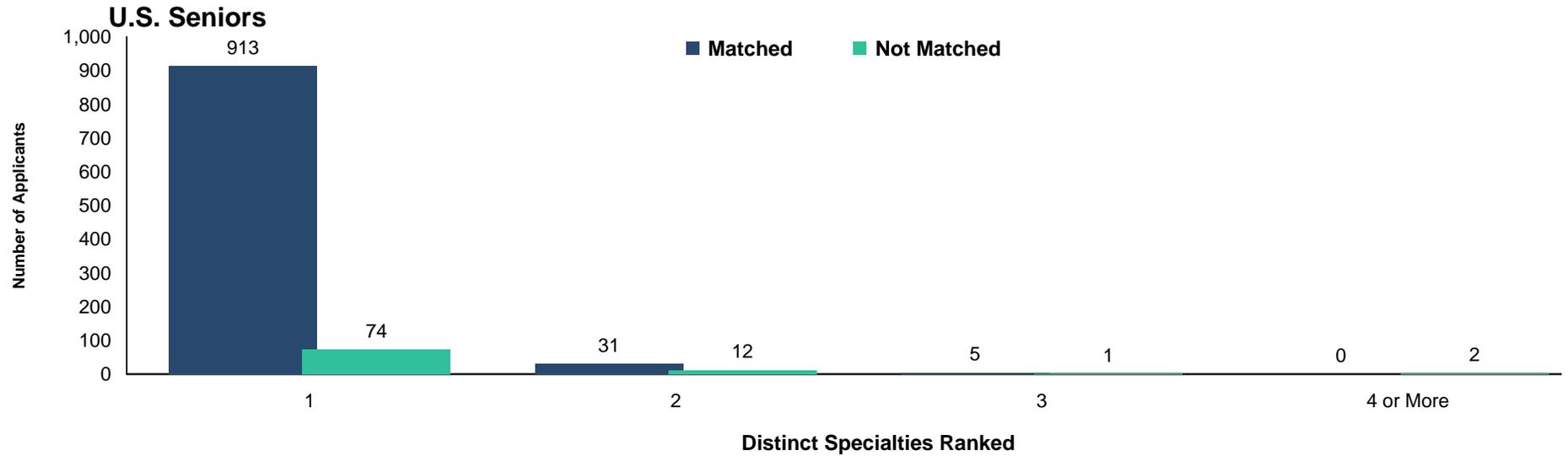
Source: NRMP Data Warehouse

Probability of Matching to Preferred Specialty by Number of Contiguous Ranks *Obstetrics and Gynecology*



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2014 applicants only

**Number of Distinct Specialties Ranked
*Obstetrics and Gynecology***

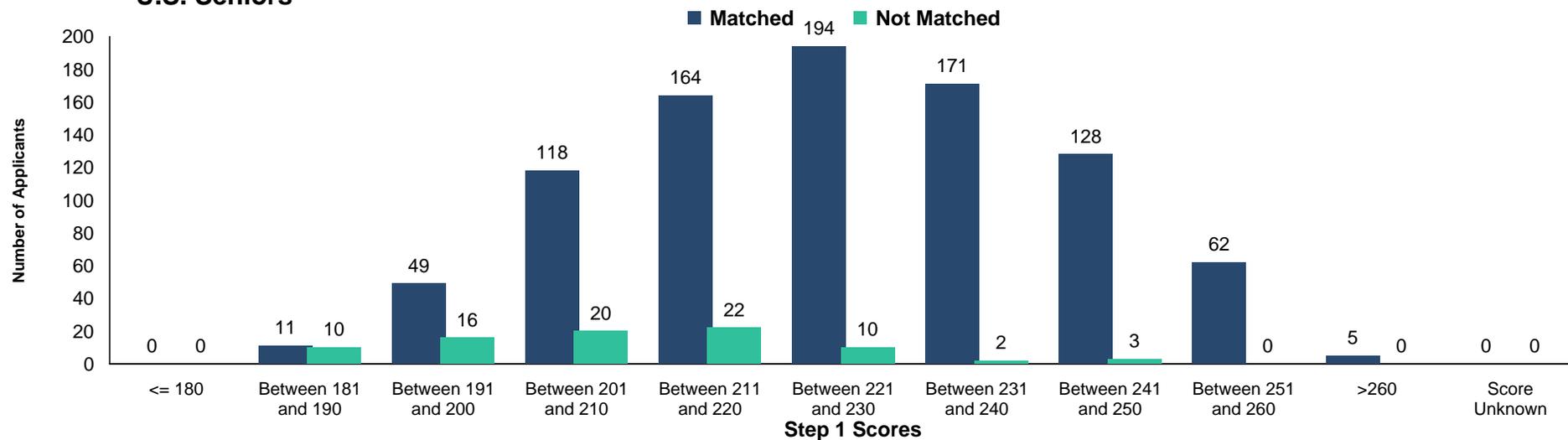


Source: NRMP Data Warehouse

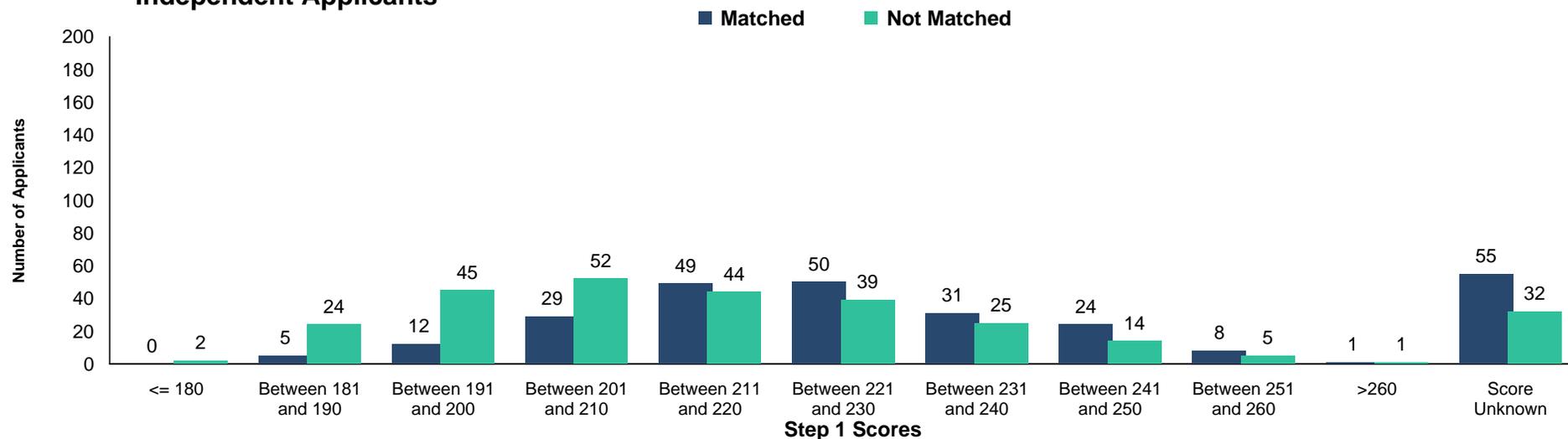
**Chart
OB-3**

**USMLE Step 1 Scores
Obstetrics and Gynecology**

U.S. Seniors



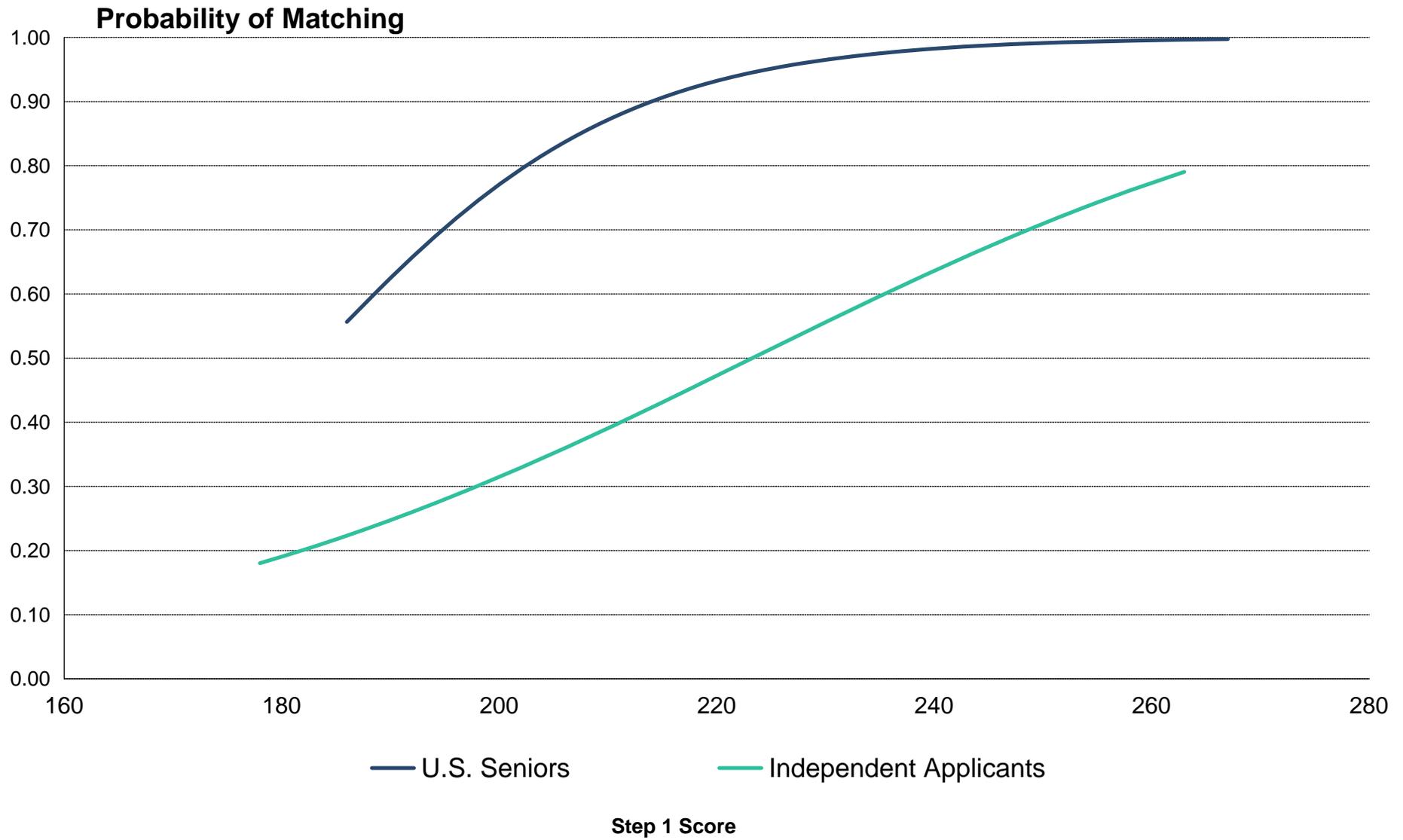
Independent Applicants



Source: NRMP Data Warehouse

**Graph
OB-2**

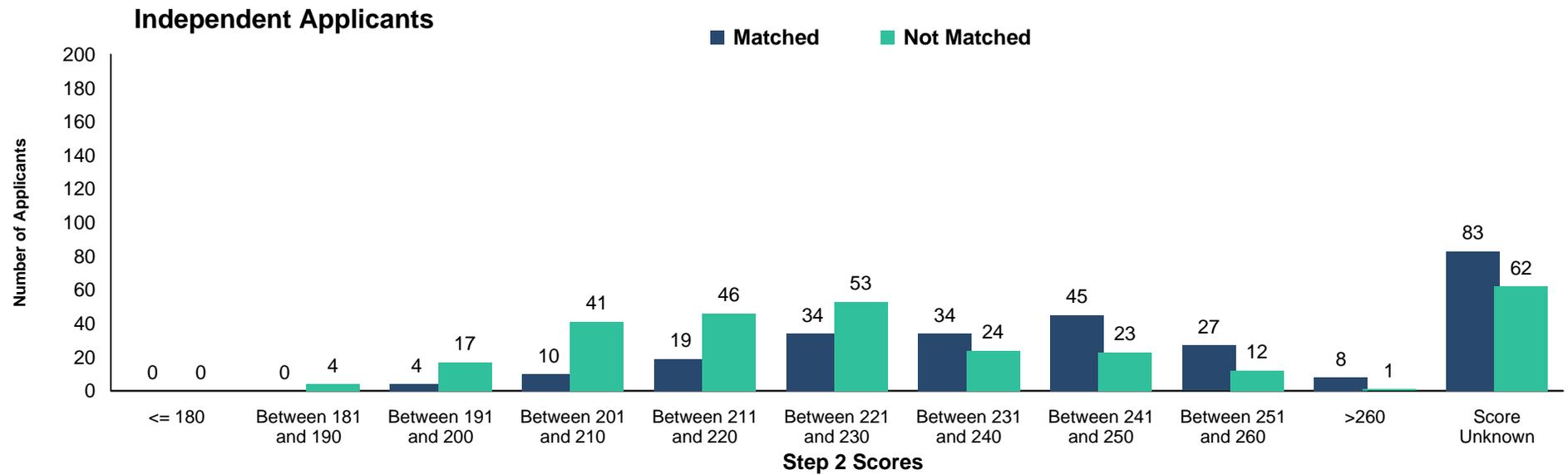
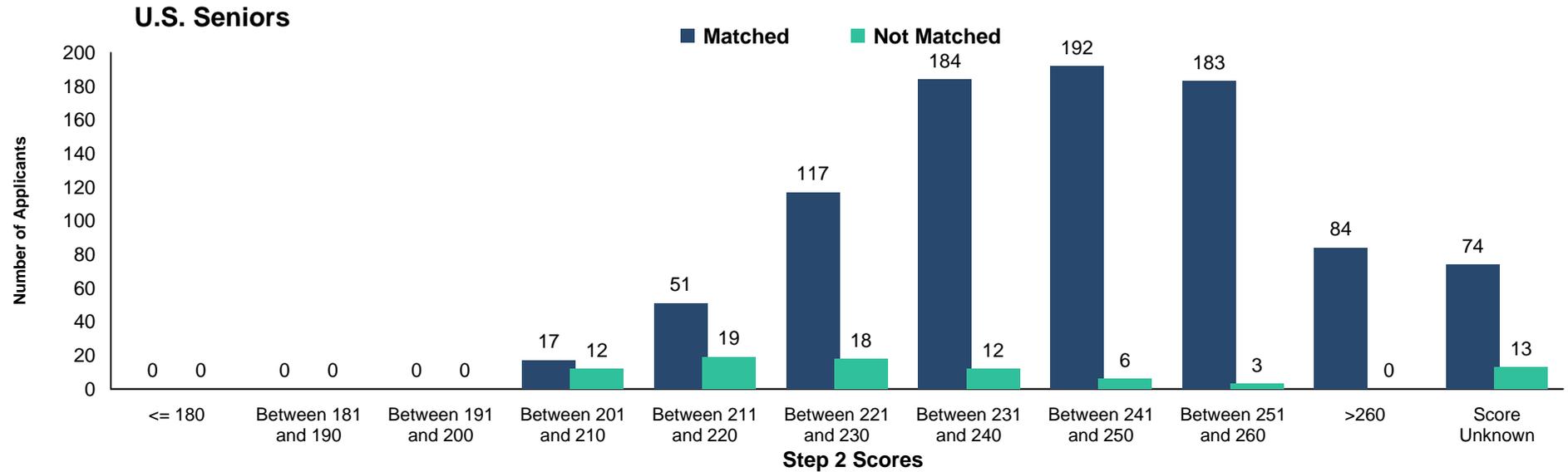
Probability of Matching to Preferred Specialty by USMLE Step 1 Score
Obstetrics and Gynecology



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2014 applicants only.

**Chart
OB-4**

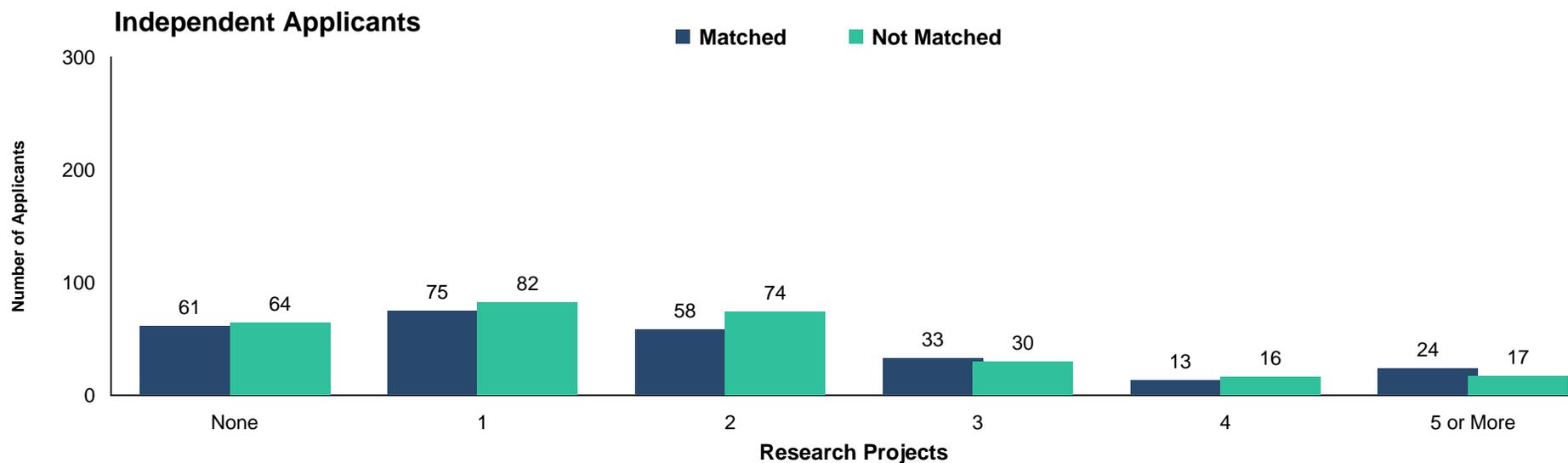
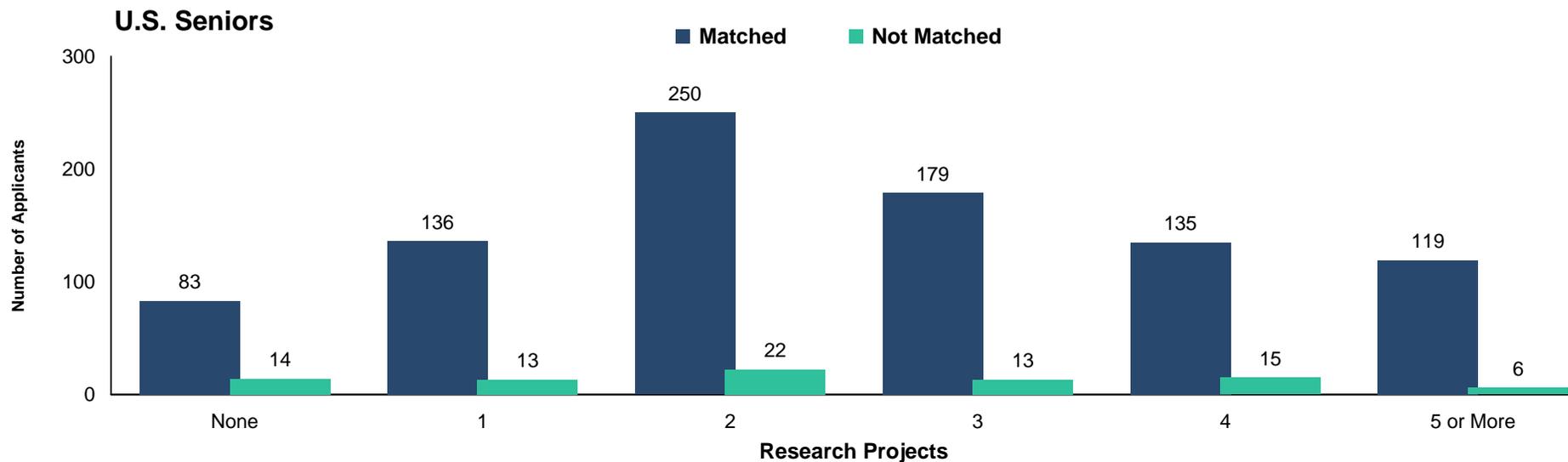
**USMLE Step 2 Scores
Obstetrics and Gynecology**



Source: NRMP Data Warehouse

**Chart
OB-5**

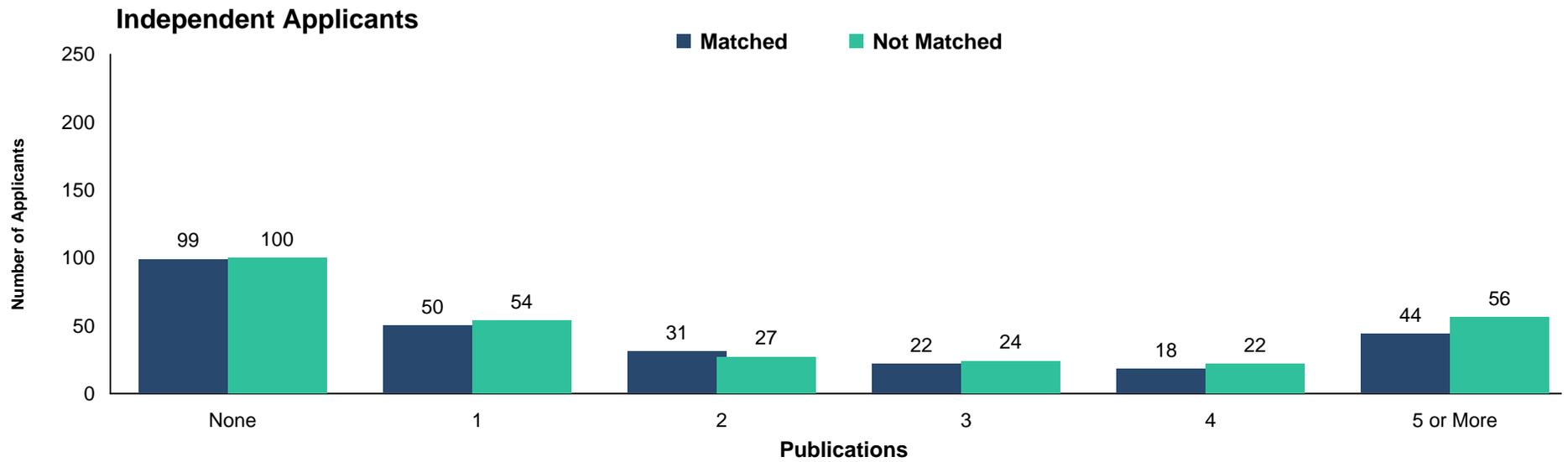
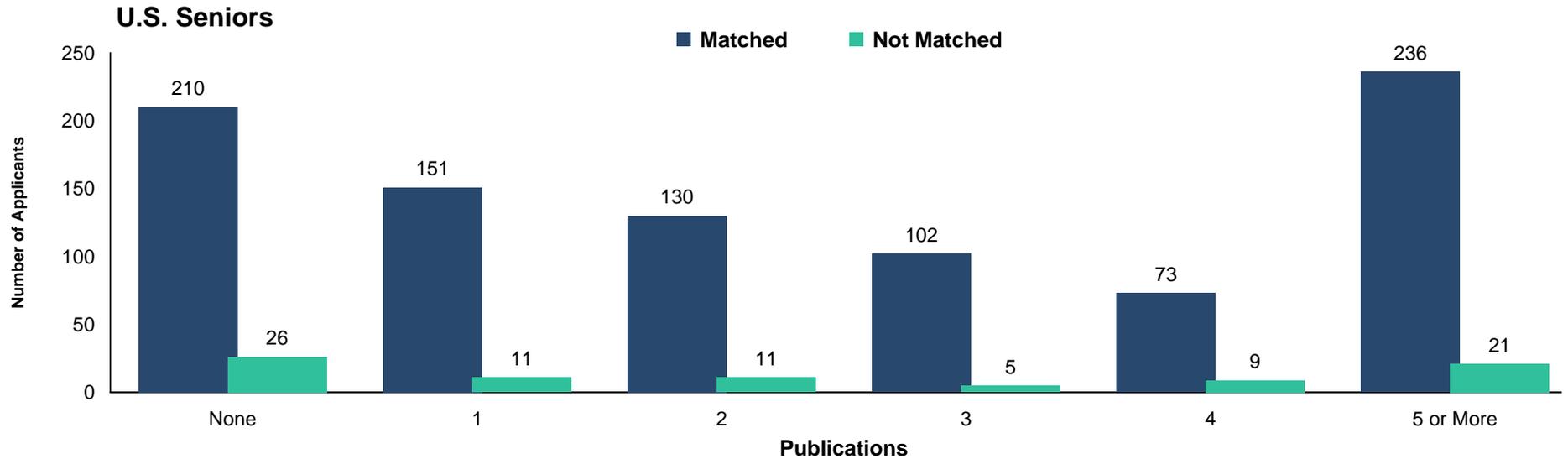
**Number of Research Projects
Obstetrics and Gynecology**



Source: NRMP Data Warehouse

**Chart
OB-6**

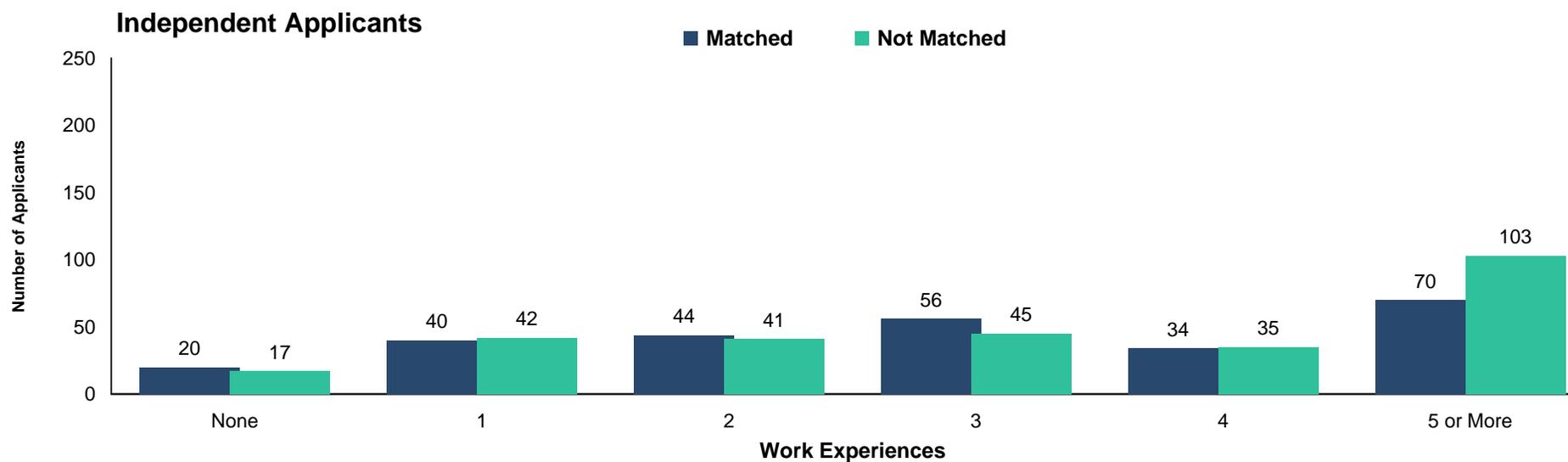
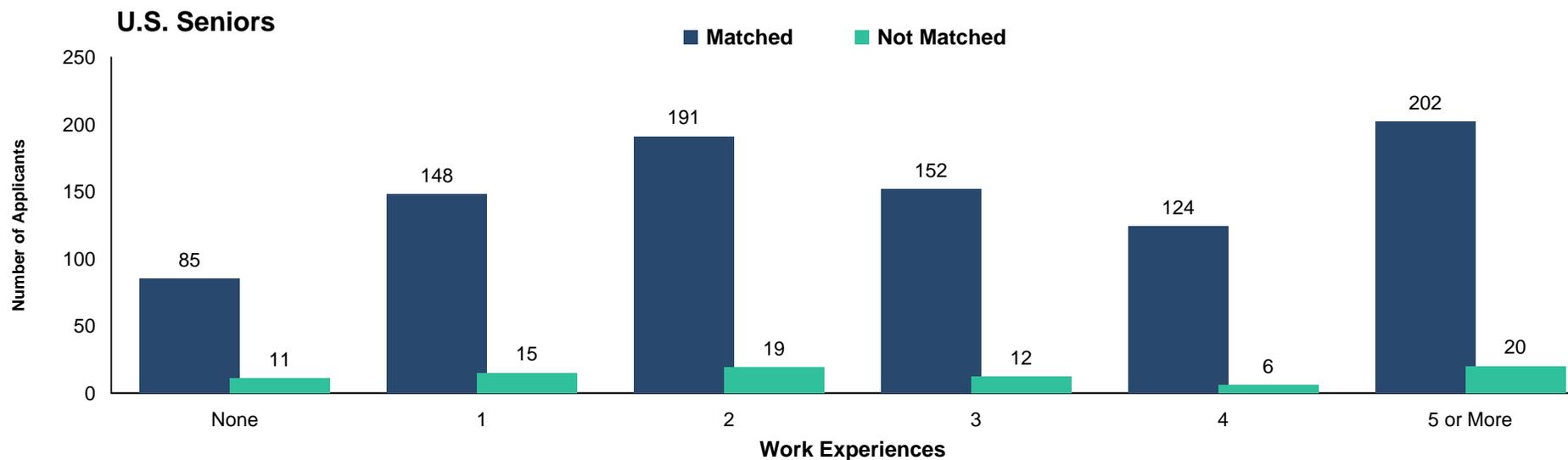
**Number of Abstracts, Presentations, and Publications
Obstetrics and Gynecology**



Source: NRMP Data Warehouse

**Chart
OB-7**

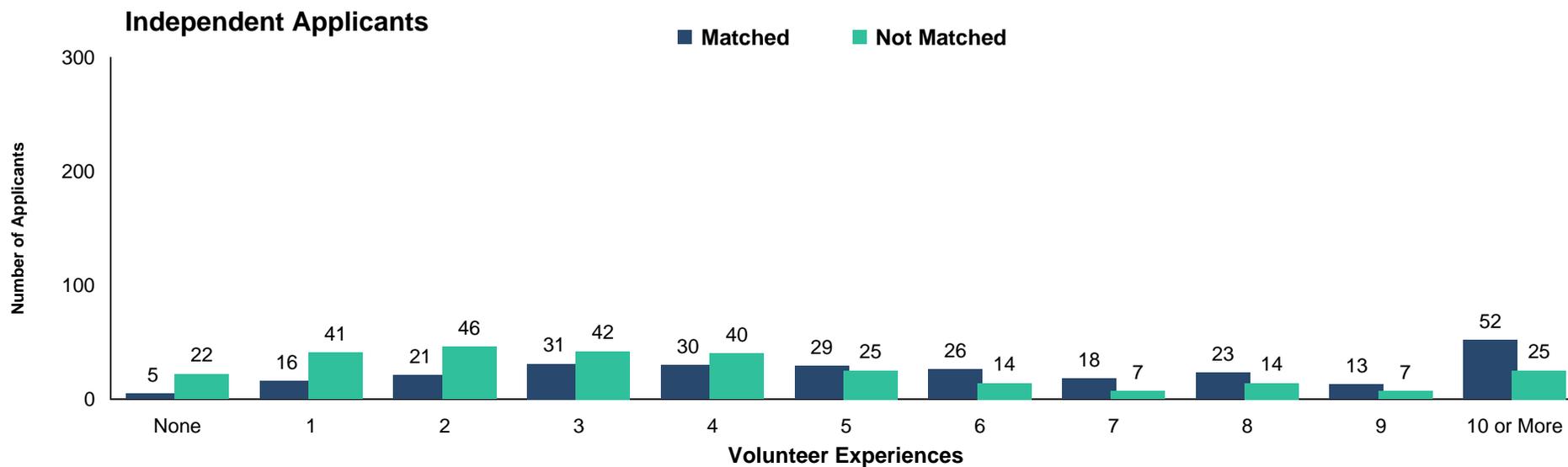
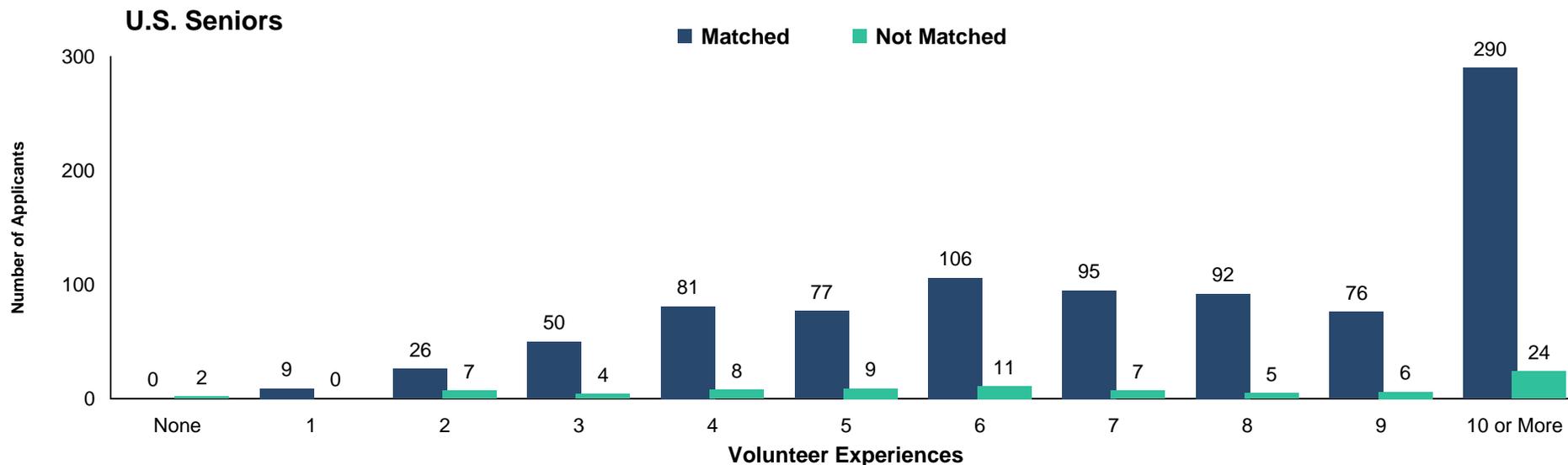
**Number of Work Experiences
Obstetrics and Gynecology**



Source: NRMP Data Warehouse

**Chart
OB-8**

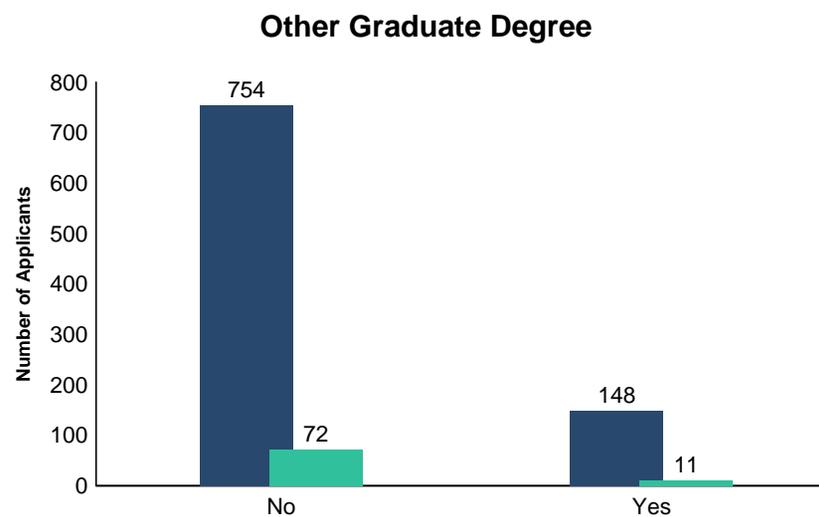
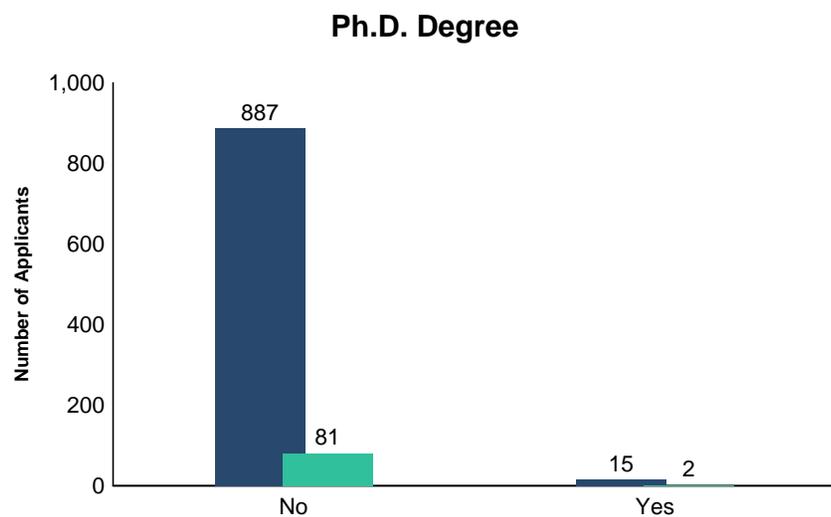
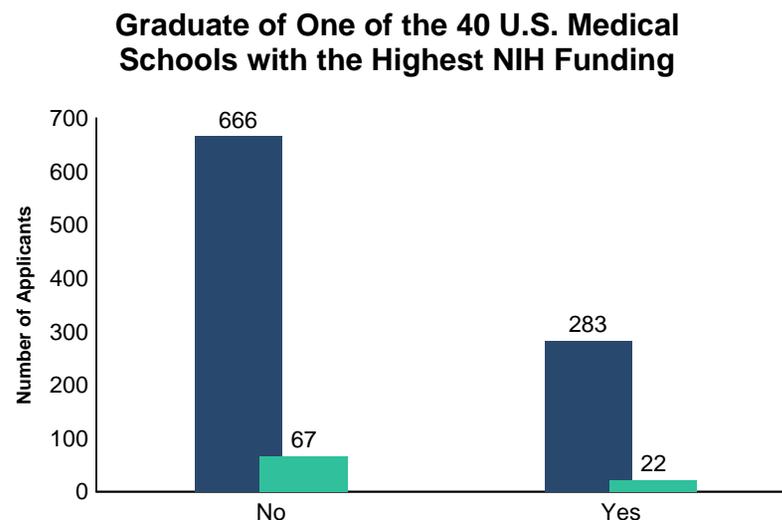
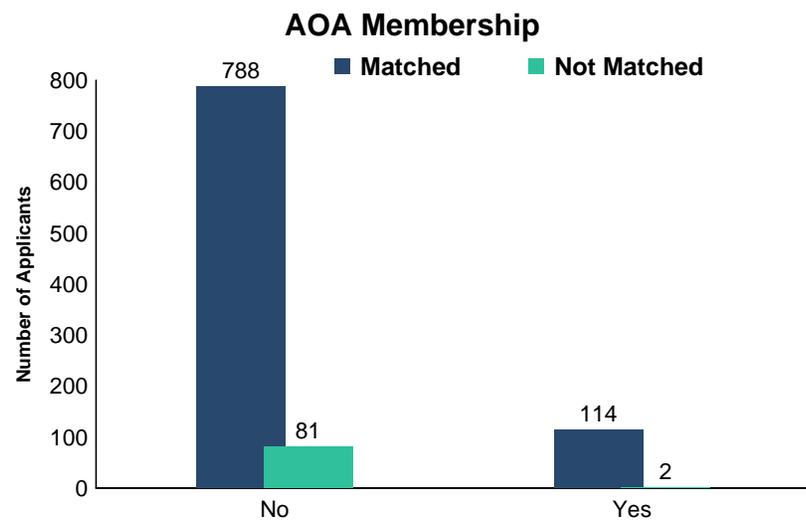
**Number of Volunteer Experiences
Obstetrics and Gynecology**



Source: NRMP Data Warehouse

**Chart
OB-9**

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



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

ORS Orthopaedic Surgery

Table **Summary Statistics**
ORS-1 **Orthopaedic Surgery**

Measure	U.S. Seniors		Independent Applicants	
	Matched (n=648)	Unmatched (n=190)	Matched (n=44)	Unmatched (n=112)
1. Mean number of contiguous ranks	12.1	5.8	5.1	3.4
2. Mean number of distinct specialties ranked	1.1	1.4	1.5	1.5
3. Mean USMLE Step 1 score	245	231	233	228
4. Mean USMLE Step 2 score	251	238	243	239
5. Mean number of research experiences	3.7	3.3	4.6	3.2
6. Mean number of abstracts, presentations, and publications	6.7	3.9	15.9	8.5
7. Mean number of work experiences	3.0	2.8	4.0	3.9
8. Mean number of volunteer experiences	7.1	9.2	5.8	5.1
9. Percentage who are AOA members	32.2	3.3	n/a	n/a
10. Percentage who graduated from one of the 40 U.S. medical schools with the highest NIH funding	33.0	22.1	n/a	n/a
11. Percentage who have Ph.D. degree	1.4	1.1	n/a	n/a
12. Percentage who have another graduate degree	14.1	18.0	n/a	n/a

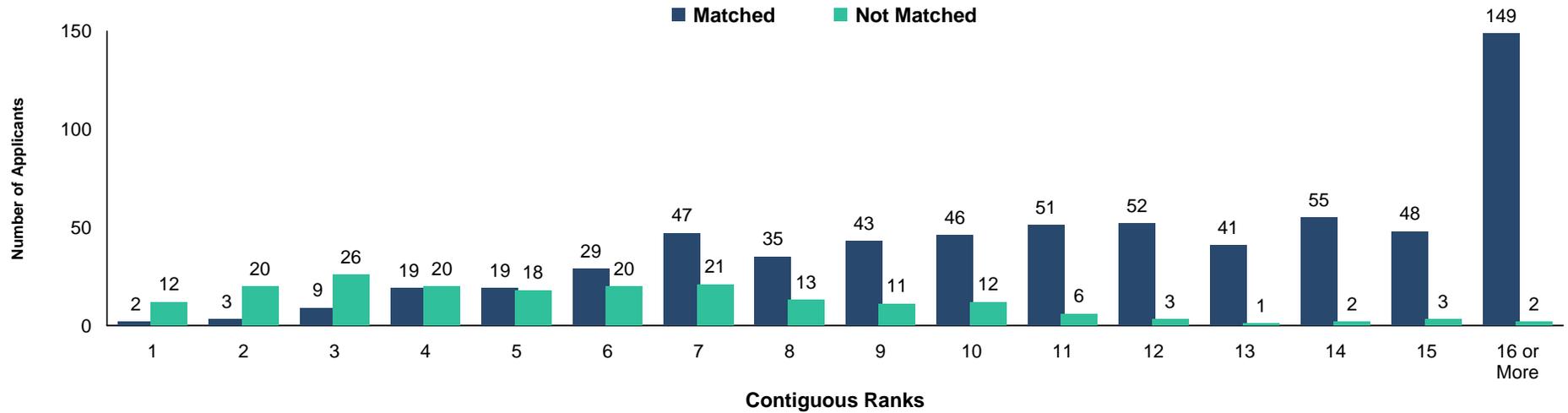
n/a: The measure either does not apply to, applies to only a small percentage of, or no reliable data were available for independent applicants.

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

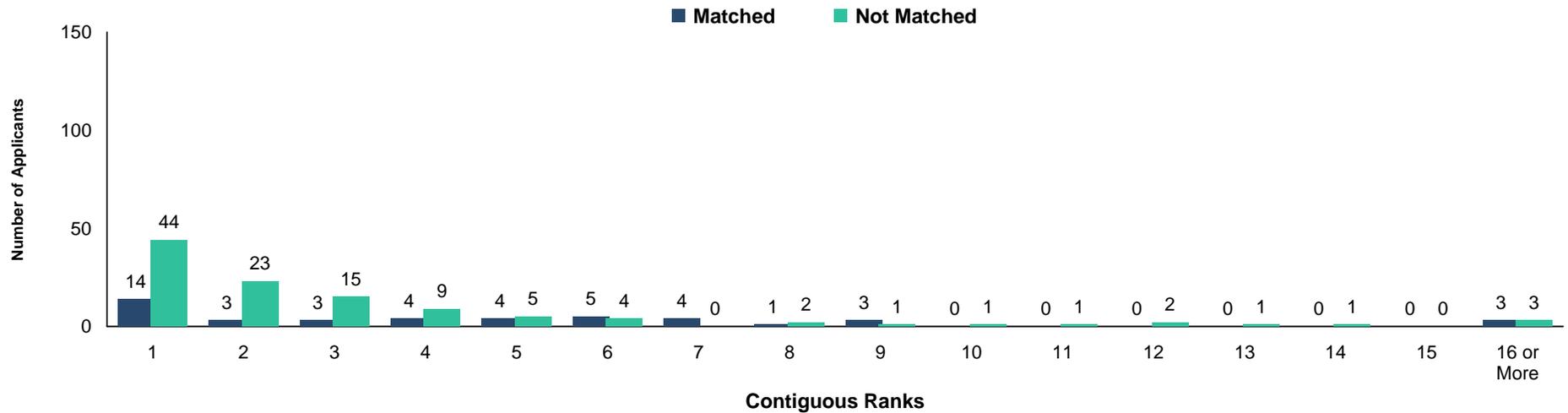
Note: Measures 3-9 and 11-12 included only applicants who gave consent to use their information in research. USMLE Step scores are not available for most osteopathic medical school students and graduates included in the independent applicant group.

**Number of Contiguous Ranks Within Preferred Specialty
Orthopaedic Surgery**

U.S. Seniors



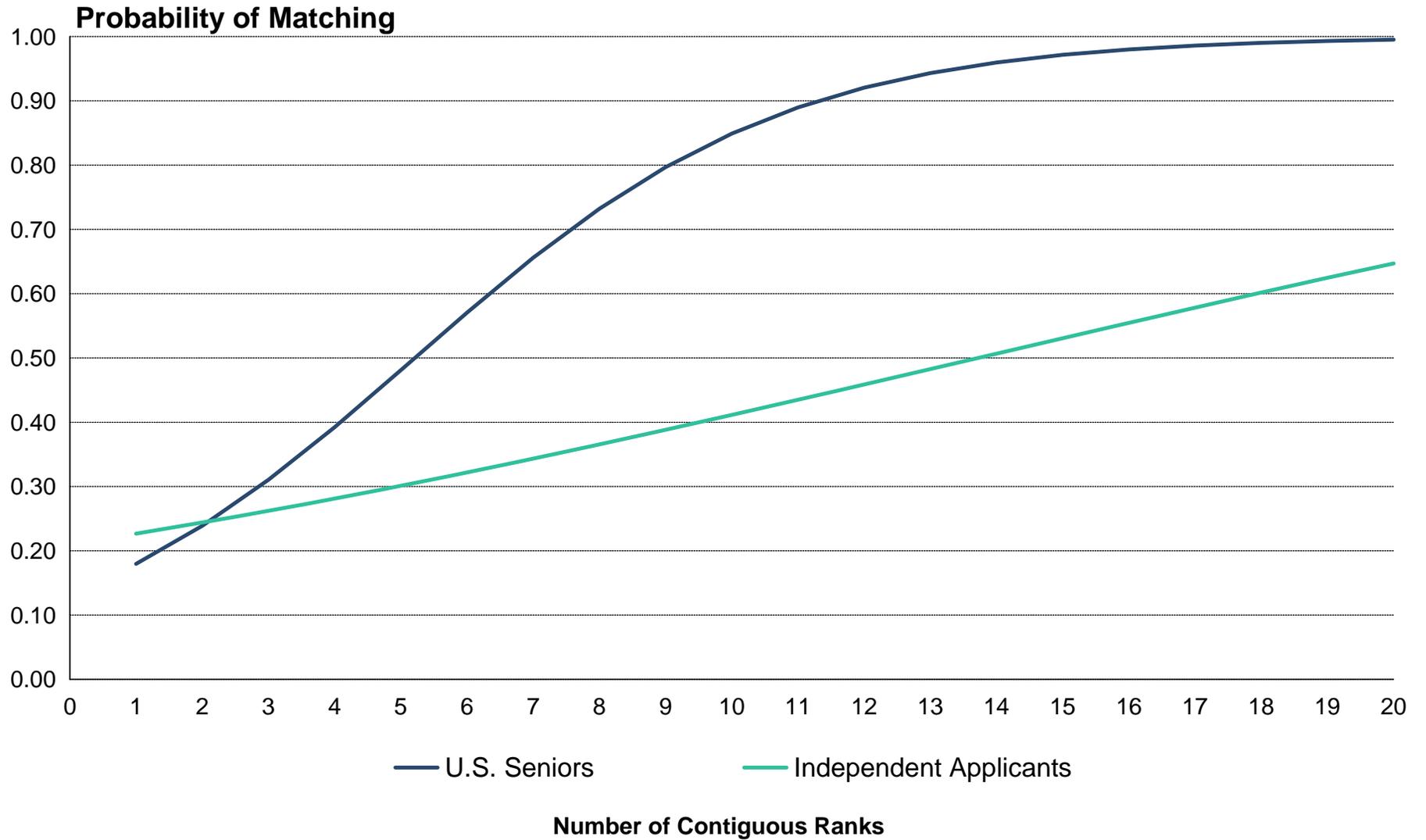
Independent Applicants



Source: NRMP Data Warehouse

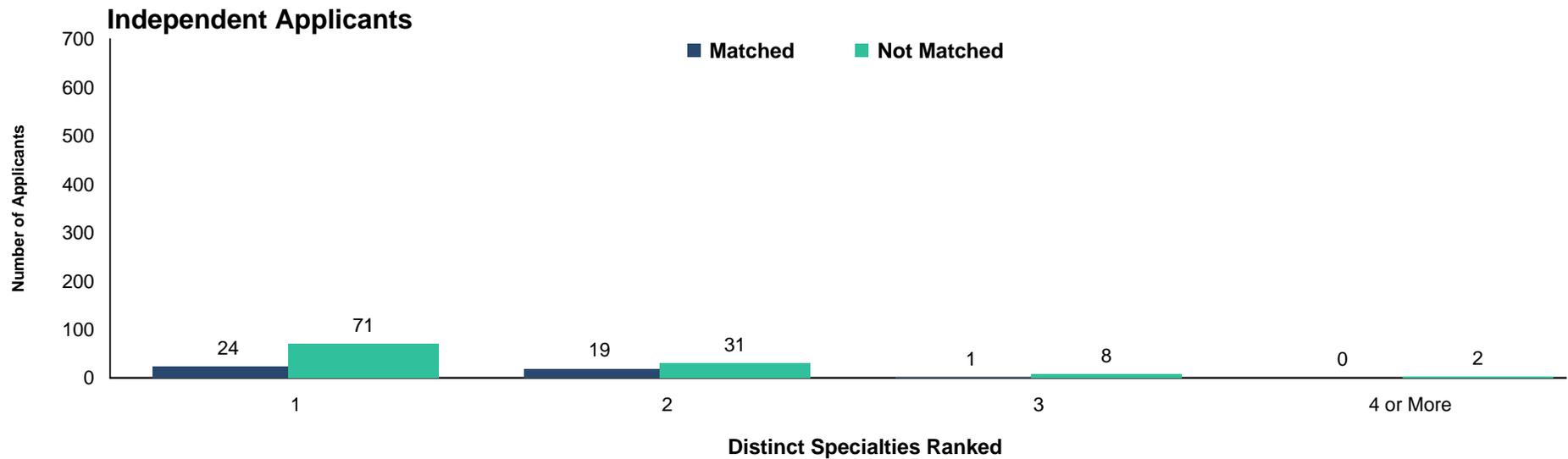
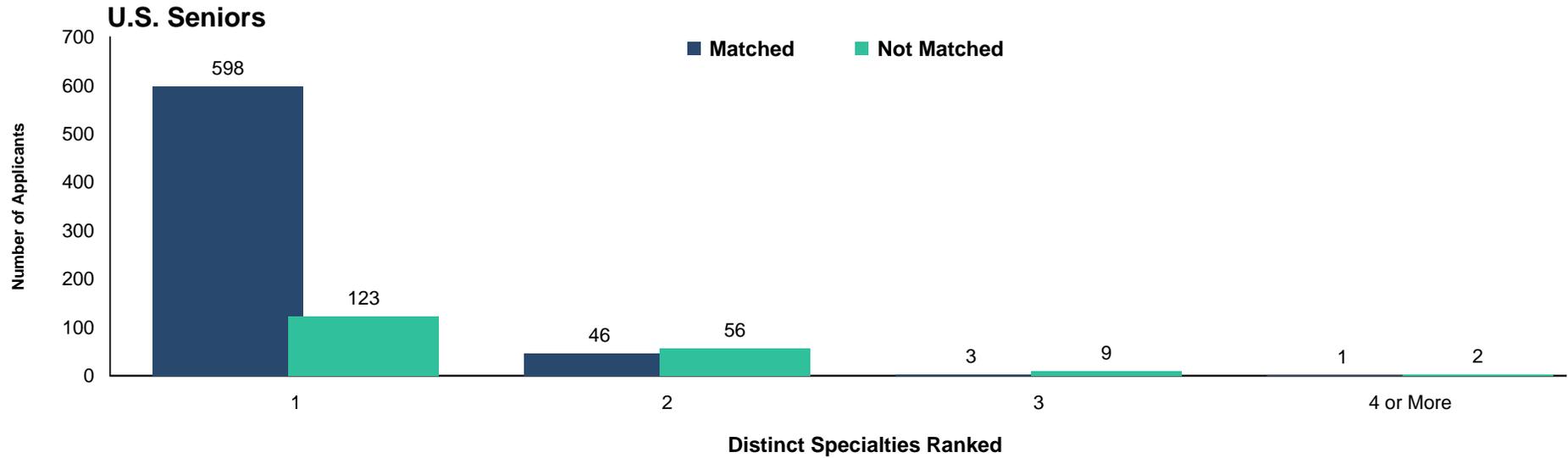
Probability of Matching to Preferred Specialty by Number of Contiguous Ranks

Orthopaedic Surgery



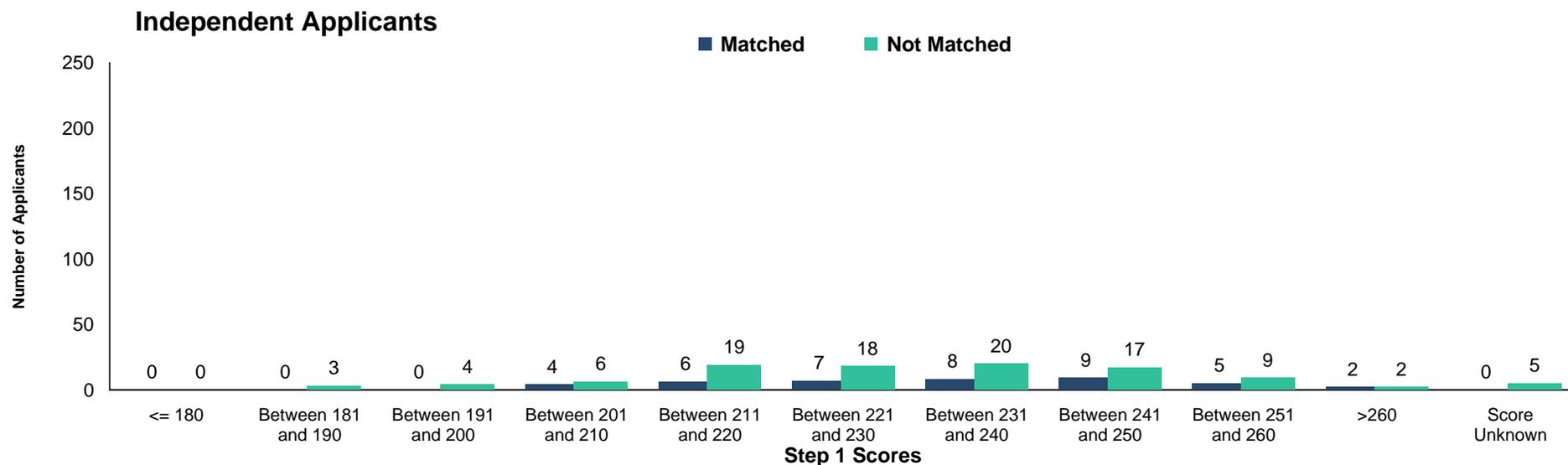
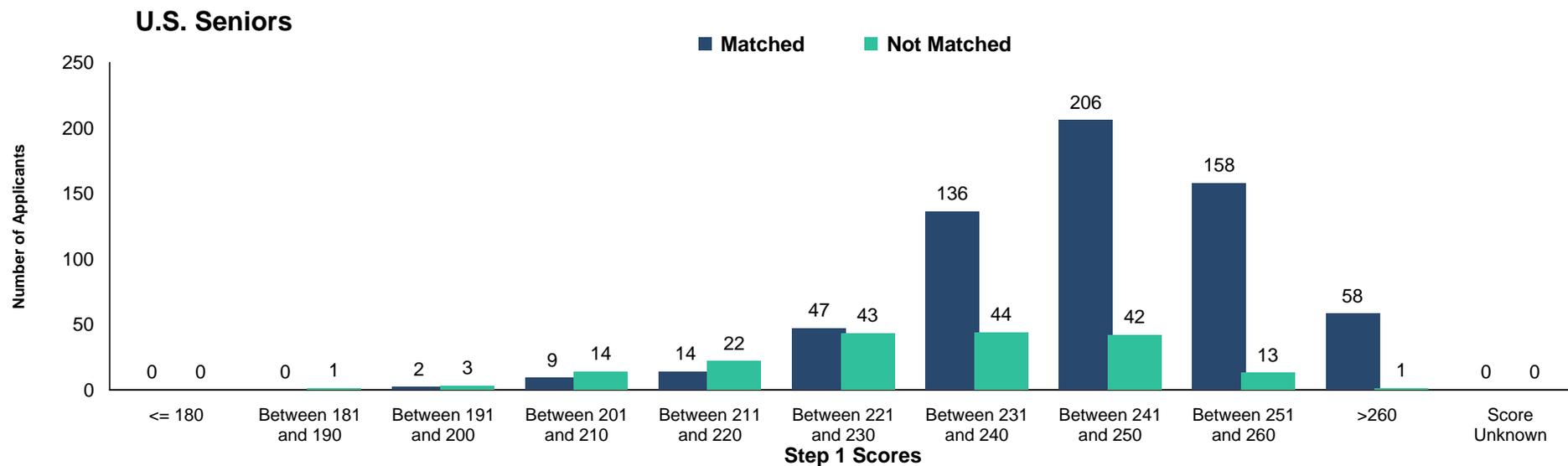
Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2014 applicants only

**Number of Distinct Specialties Ranked
*Orthopaedic Surgery***



Source: NRMP Data Warehouse

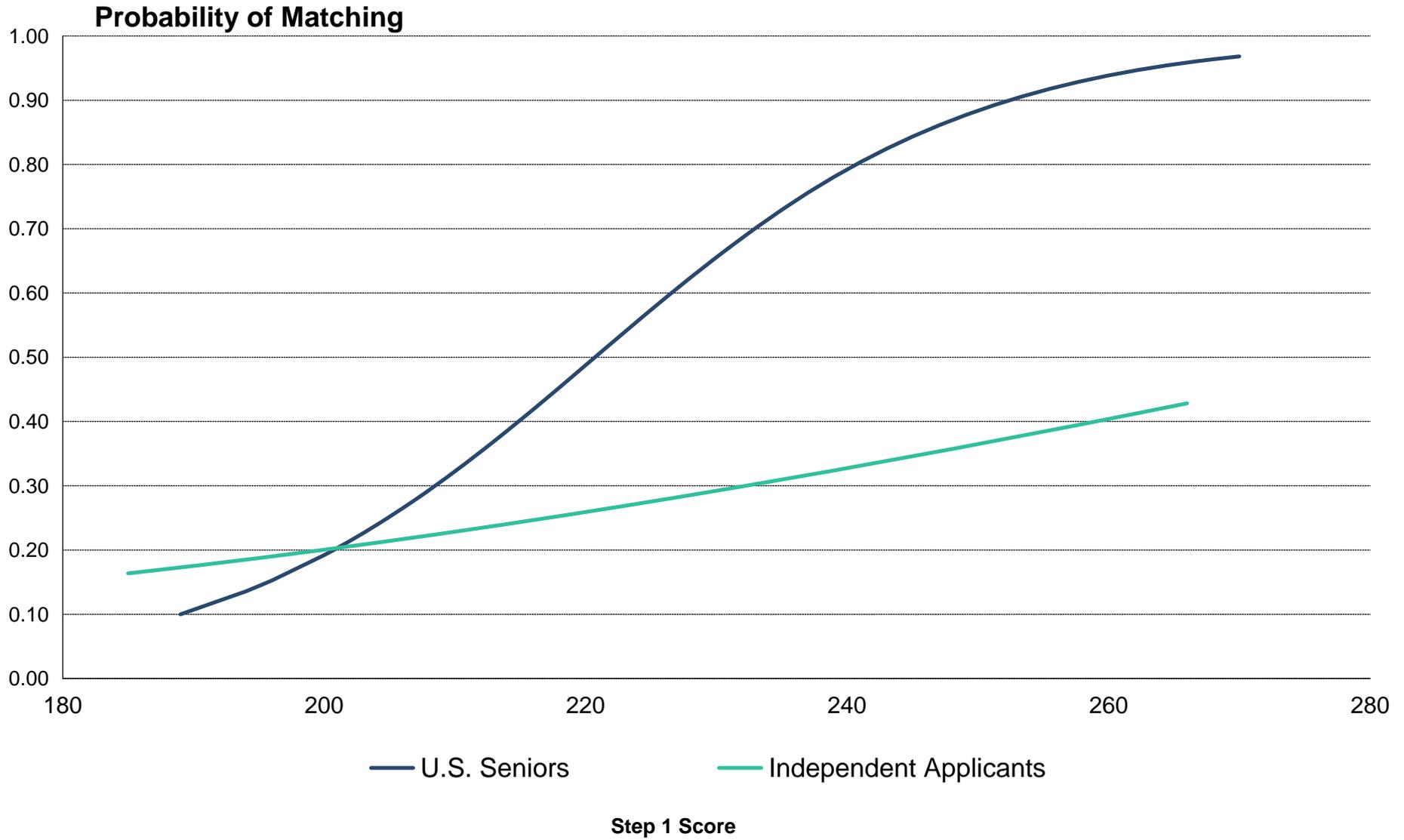
**USMLE Step 1 Scores
Orthopaedic Surgery**



Source: NRMP Data Warehouse

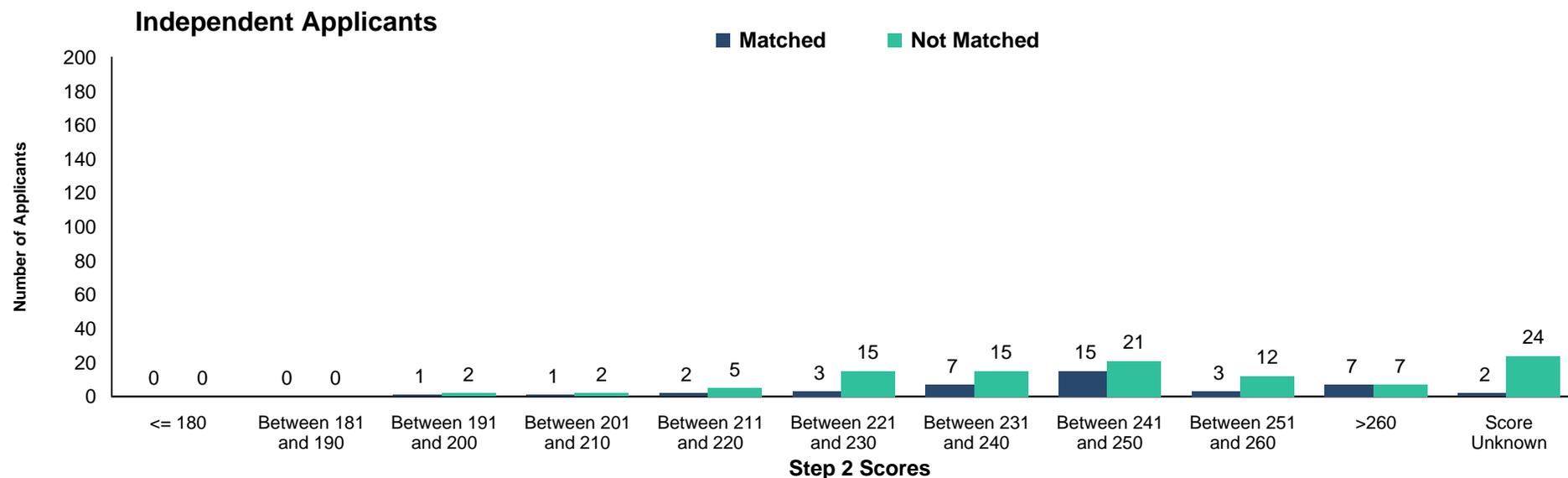
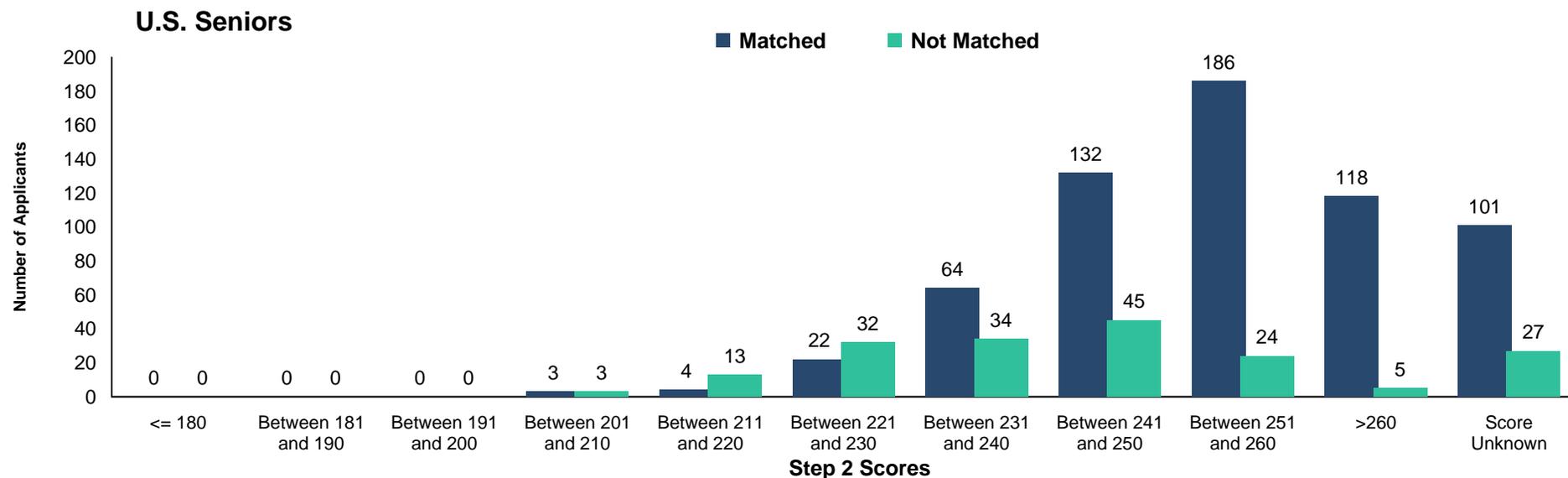
Probability of Matching to Preferred Specialty by USMLE Step 1 Score

Orthopaedic Surgery



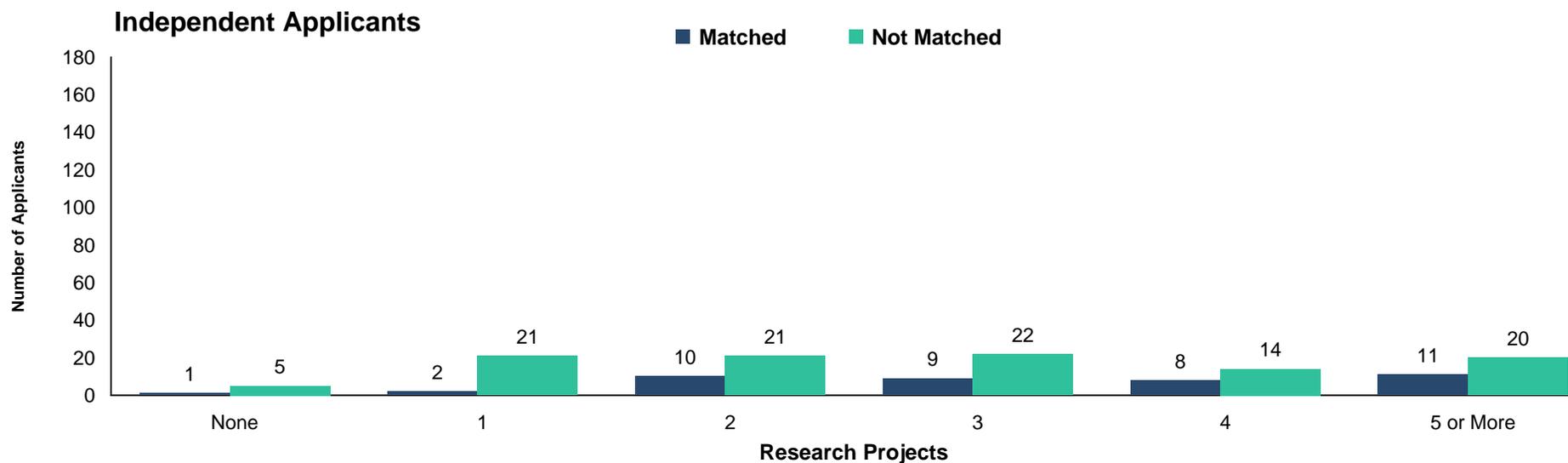
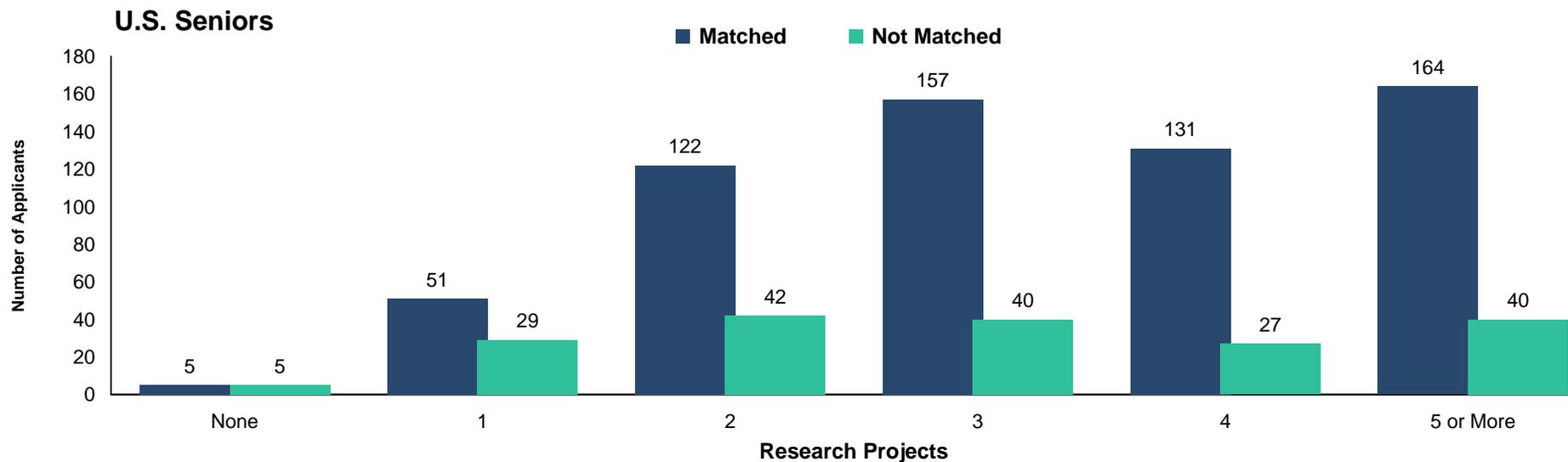
Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2014 applicants only.

**USMLE Step 2 Scores
Orthopaedic Surgery**



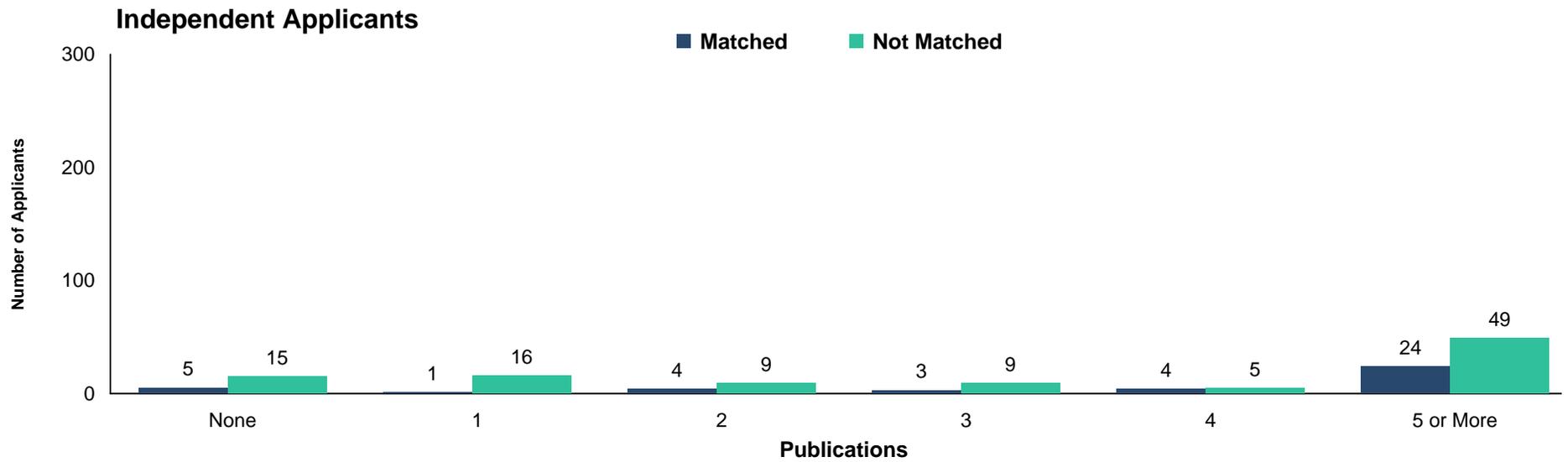
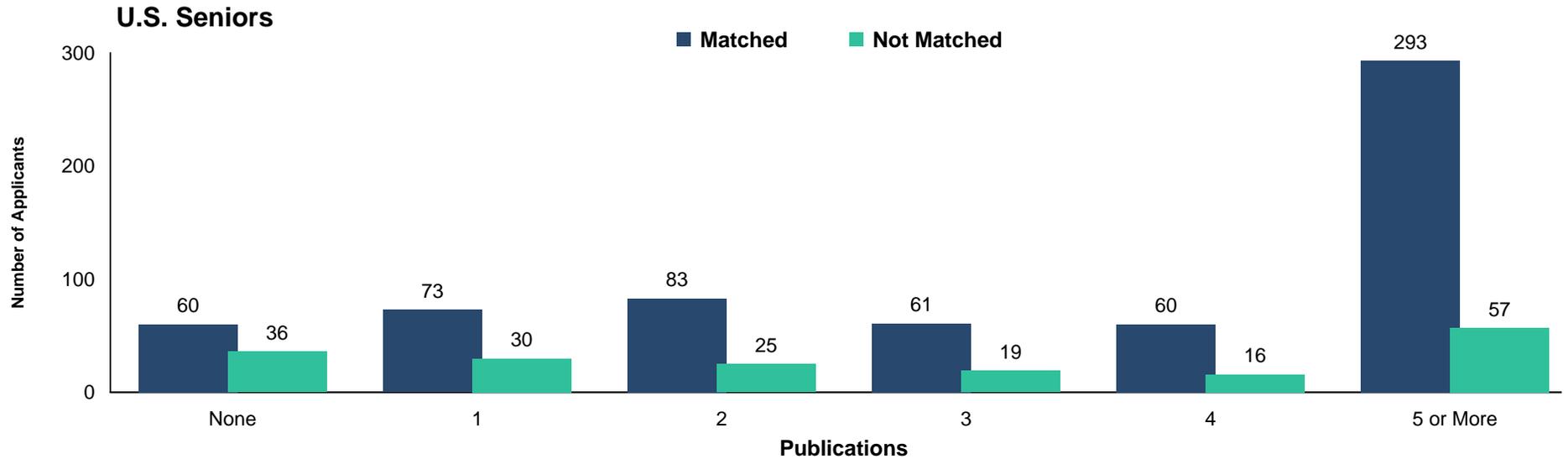
Source: NRMP Data Warehouse

**Number of Research Projects
Orthopaedic Surgery**



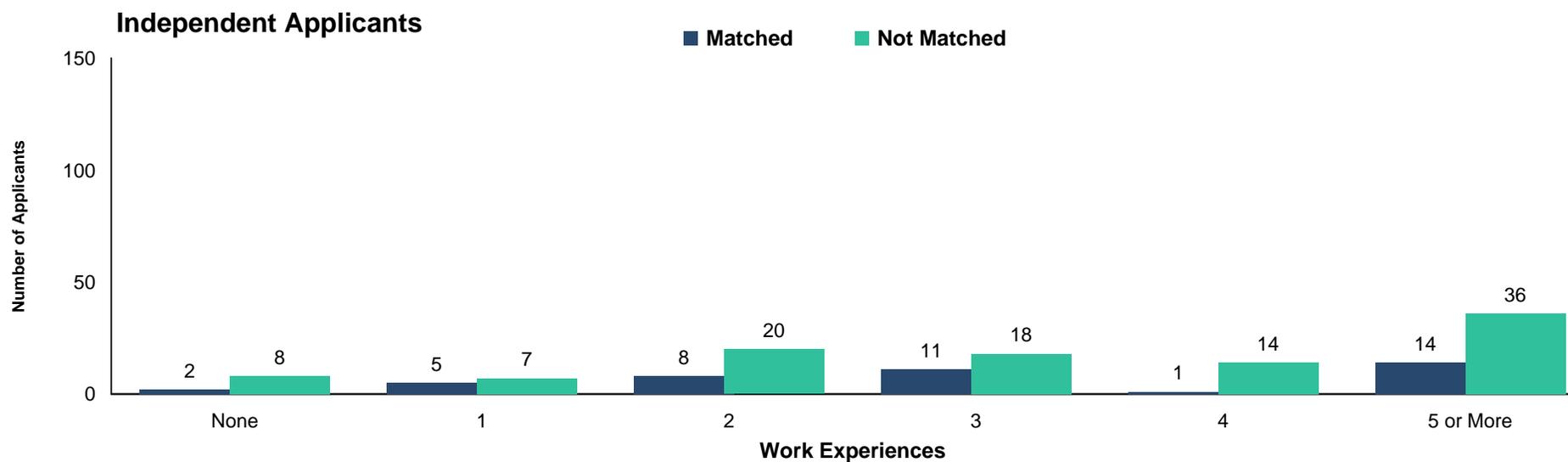
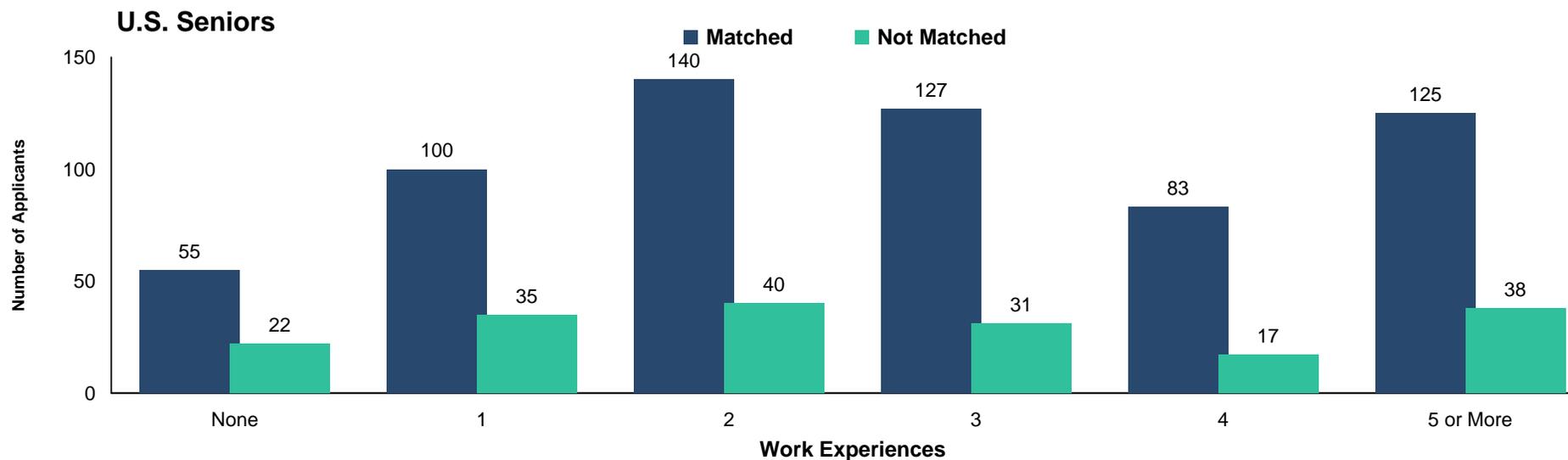
Source: NRMP Data Warehouse

**Number of Abstracts, Presentations, and Publications
Orthopaedic Surgery**



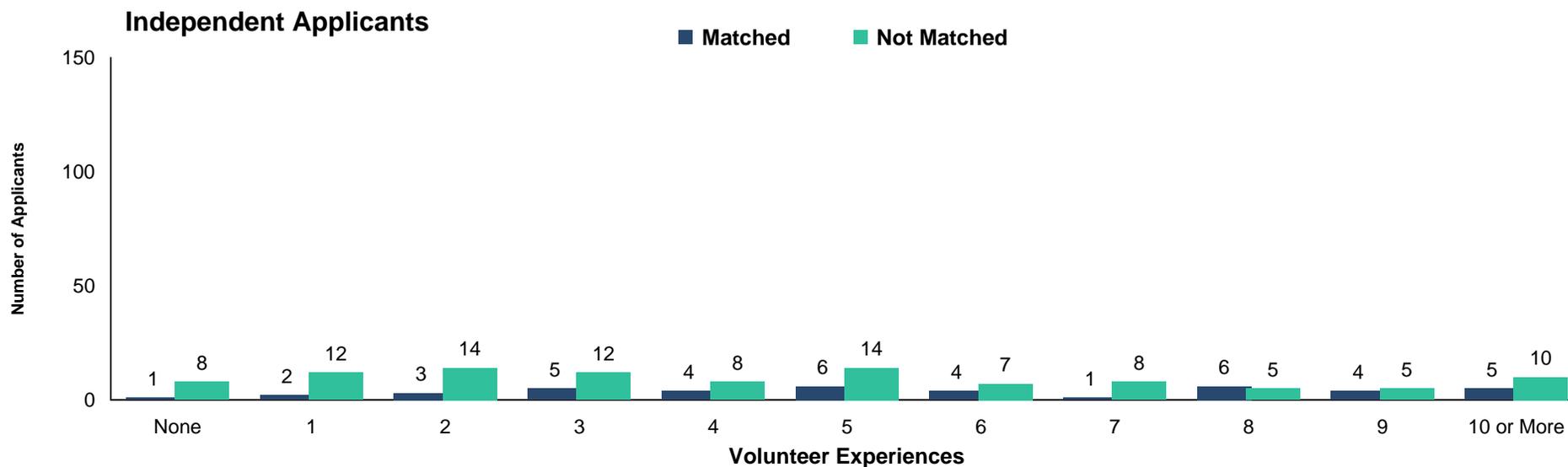
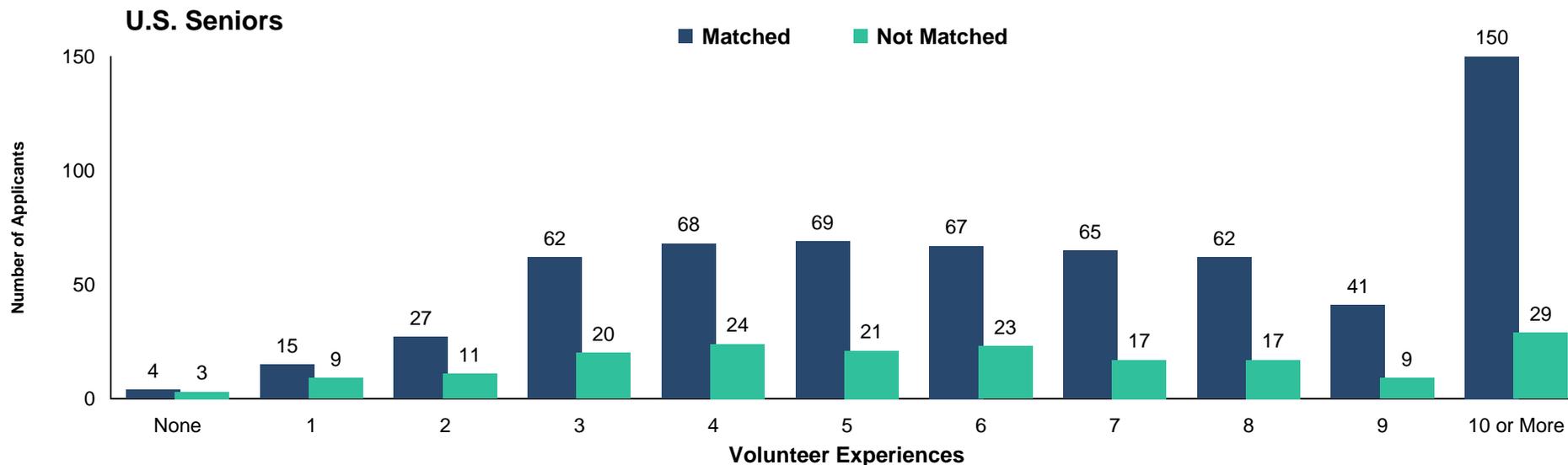
Source: NRMP Data Warehouse

**Number of Work Experiences
Orthopaedic Surgery**



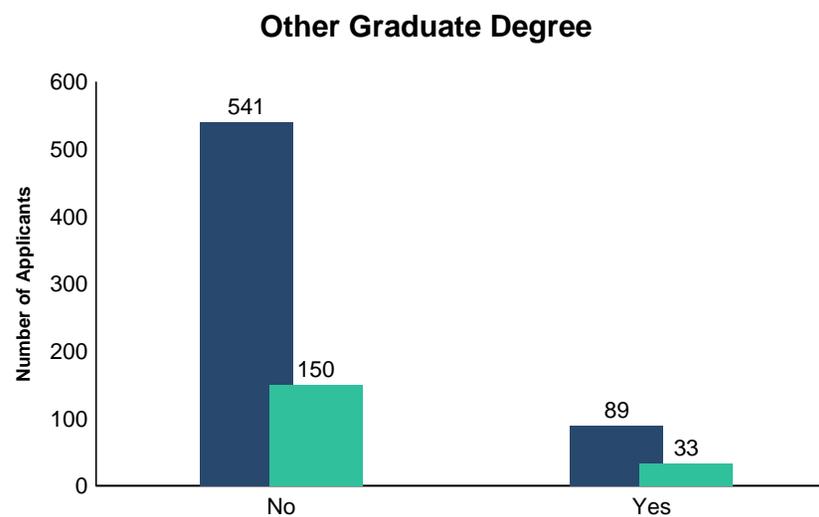
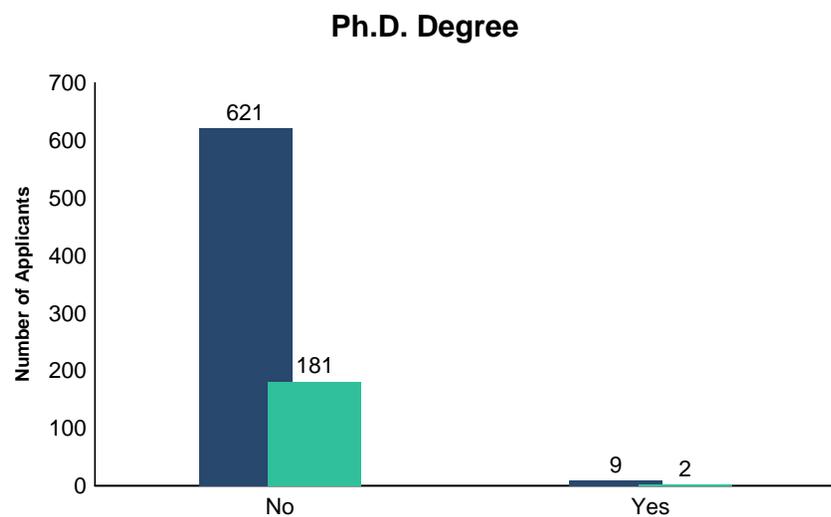
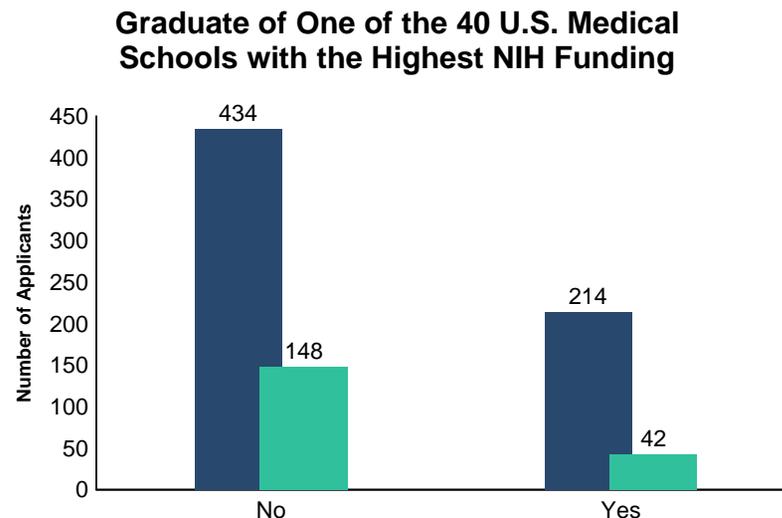
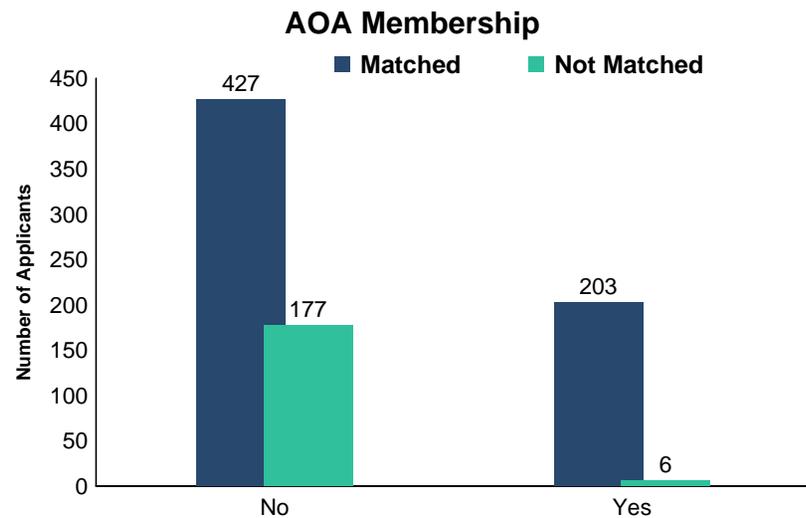
Source: NRMP Data Warehouse

Number of Volunteer Experiences
Orthopaedic Surgery



Source: NRMP Data Warehouse

**Other Characteristics of U.S. Seniors
Orthopaedic Surgery**



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

OTO Otolaryngology

Table **Summary Statistics**
OTO-1 **Otolaryngology**

Measure	U.S. Seniors		Independent Applicants	
	Matched (n=277)	Unmatched (n=91)	Matched (n=16)	Unmatched (n=41)
1. Mean number of contiguous ranks	11.6	5.4	5.6	3.7
2. Mean number of distinct specialties ranked	1.1	1.5	1.4	1.8
3. Mean USMLE Step 1 score	248	239	236	233
4. Mean USMLE Step 2 score	252	245	246	238
5. Mean number of research experiences	4.7	4.1	4.0	3.7
6. Mean number of abstracts, presentations, and publications	6.1	5.9	15.2	8.7
7. Mean number of work experiences	2.9	3.1	3.9	4.3
8. Mean number of volunteer experiences	7.1	7.5	6.2	6.6
9. Percentage who are AOA members	38.9	18.6	n/a	n/a
10. Percentage who graduated from one of the 40 U.S. medical schools with the highest NIH funding	41.9	24.2	n/a	n/a
11. Percentage who have Ph.D. degree	1.9	3.5	n/a	n/a
12. Percentage who have another graduate degree	14.8	20.9	n/a	n/a

n/a: The measure either does not apply to, applies to only a small percentage of, or no reliable data were available for independent applicants.

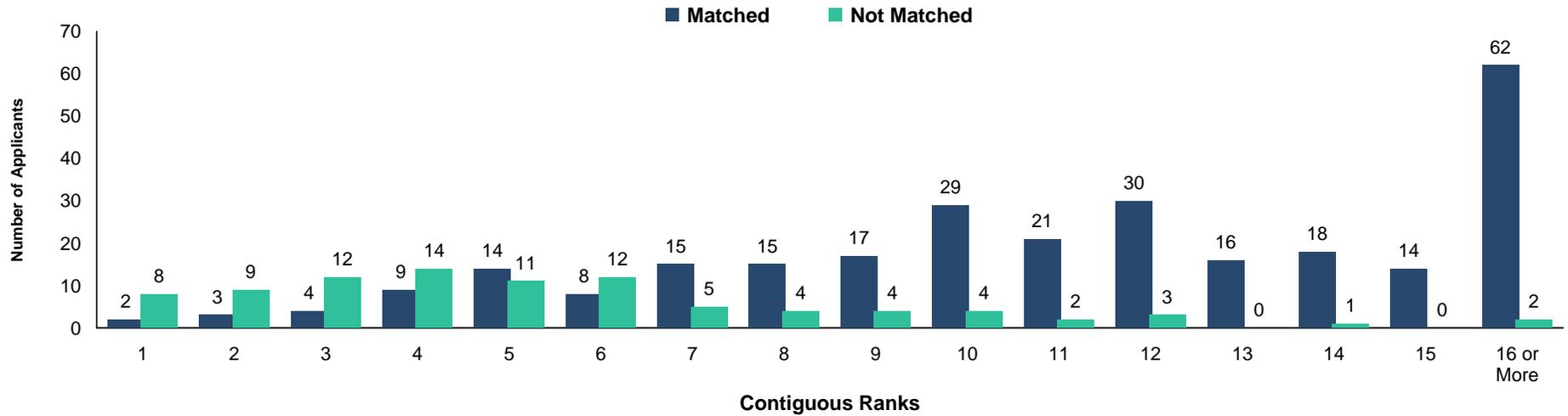
Sources. NRMP Data Warehouse; Top 40 U.S. medical schools with the highest NIH funding in measure 10 is from the NIH website (<http://report.nih.gov/award/index.cfm>).

Note: Measures 3-9 and 11-12 included only applicants who gave consent to use their information in research. USMLE Step scores are not available for most osteopathic medical school students and graduates included in the independent applicant group.

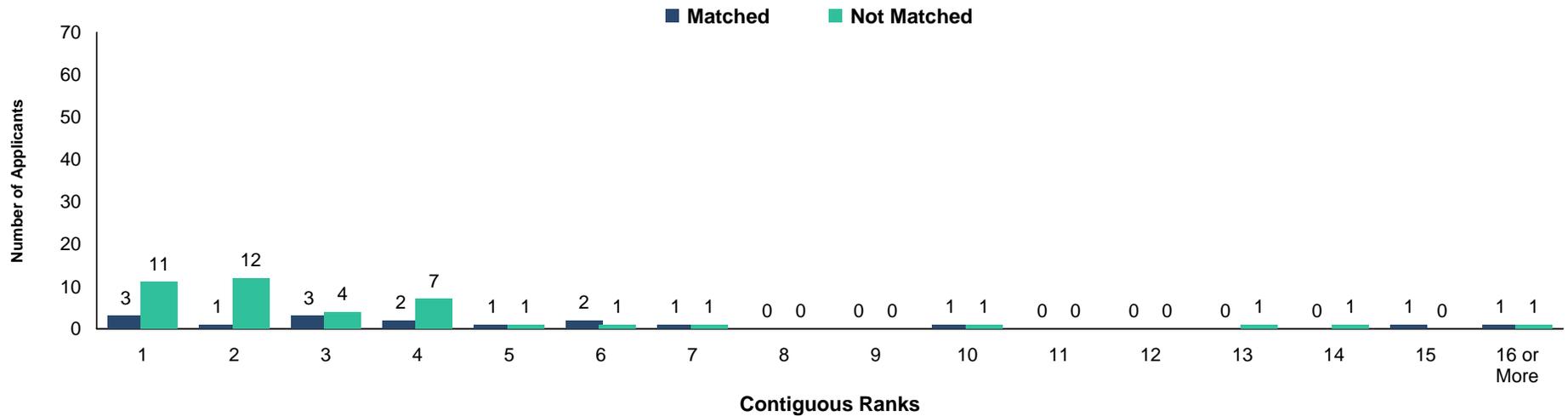
**Chart
OTO-1**

**Number of Contiguous Ranks Within Preferred Specialty
Otolaryngology**

U.S. Seniors

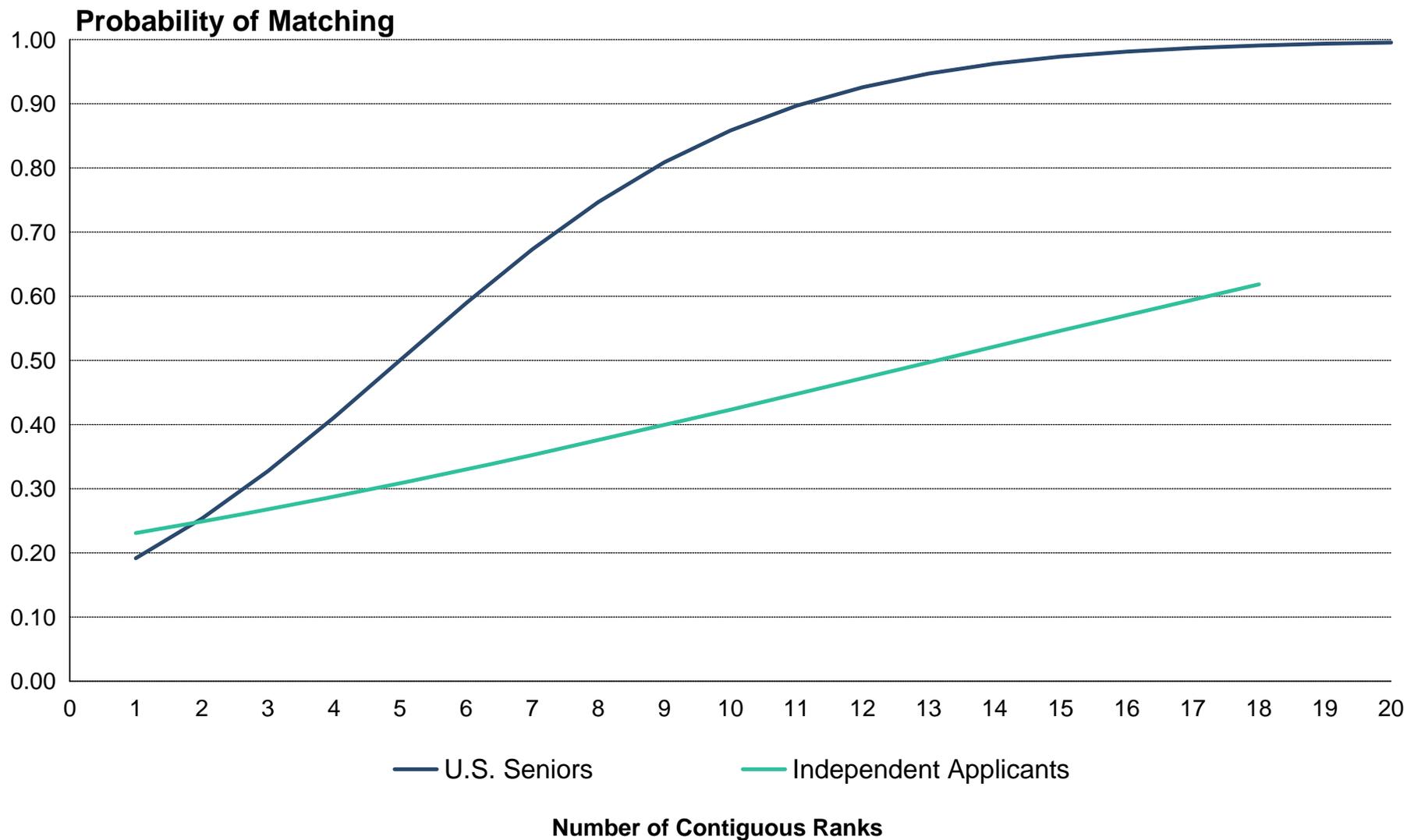


Independent Applicants



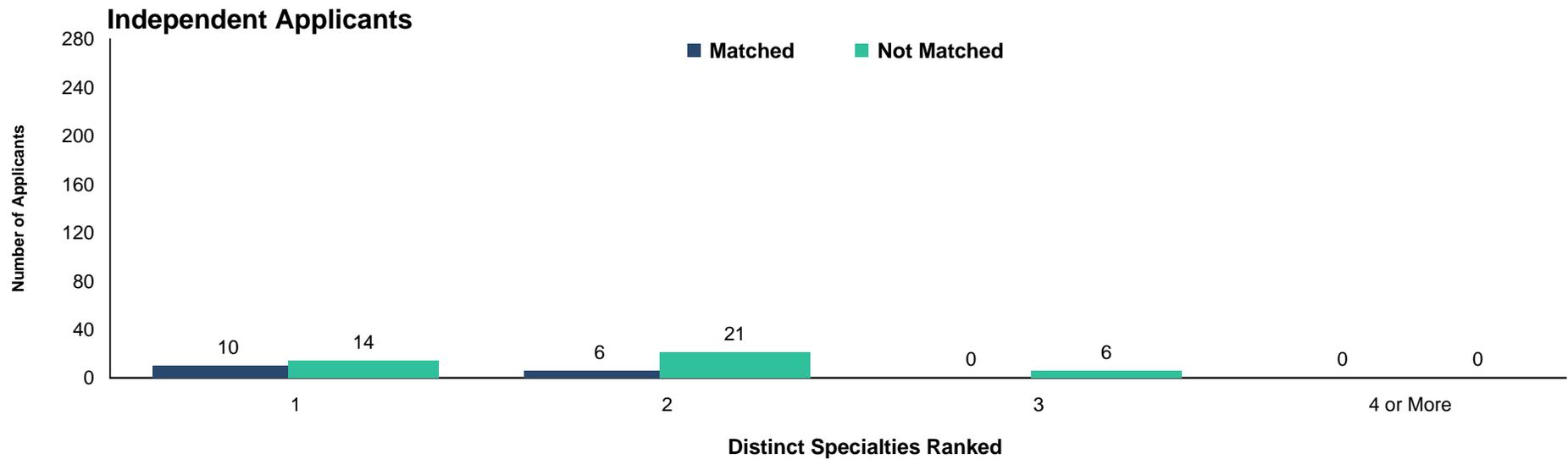
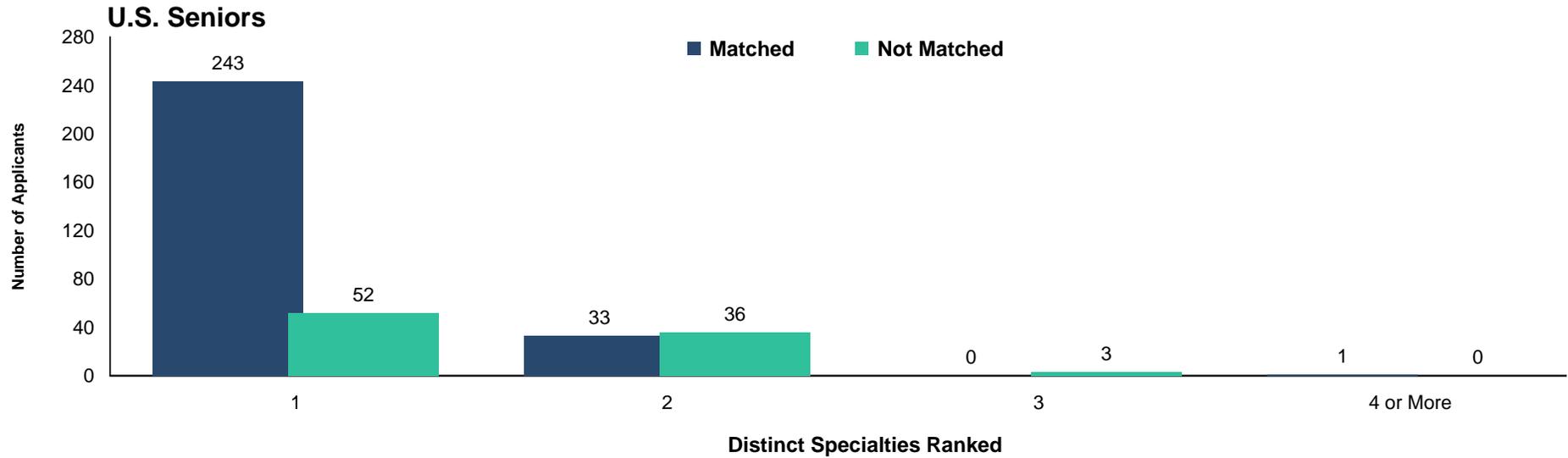
Source: NRMP Data Warehouse

Probability of Matching to Preferred Specialty by Number of Contiguous Ranks
Otolaryngology

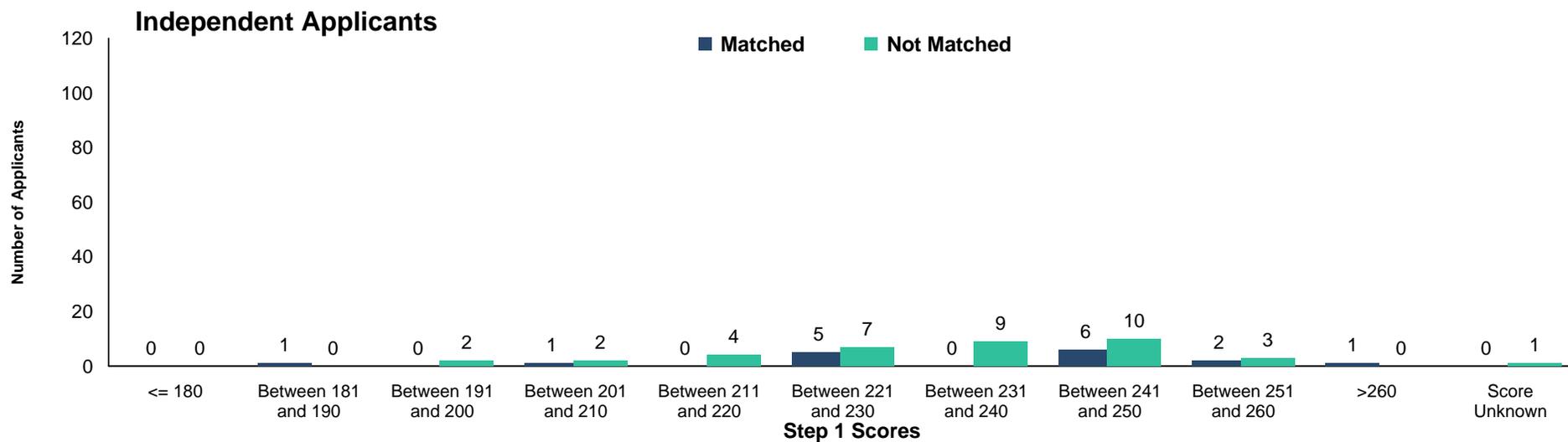
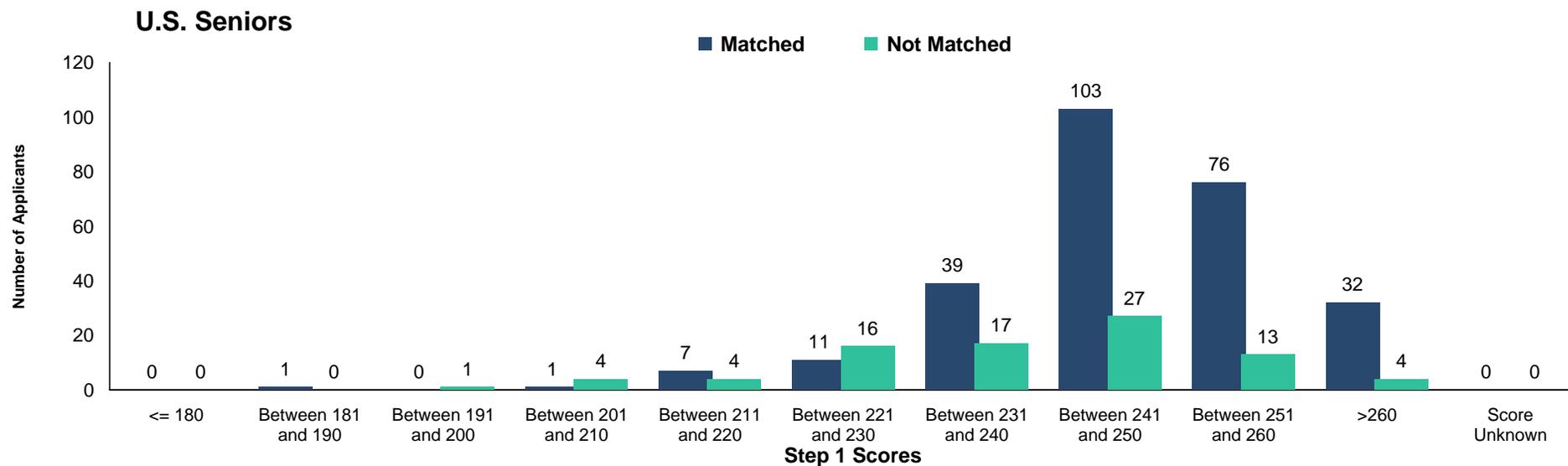


Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2014 applicants only

**Number of Distinct Specialties Ranked
Otolaryngology**



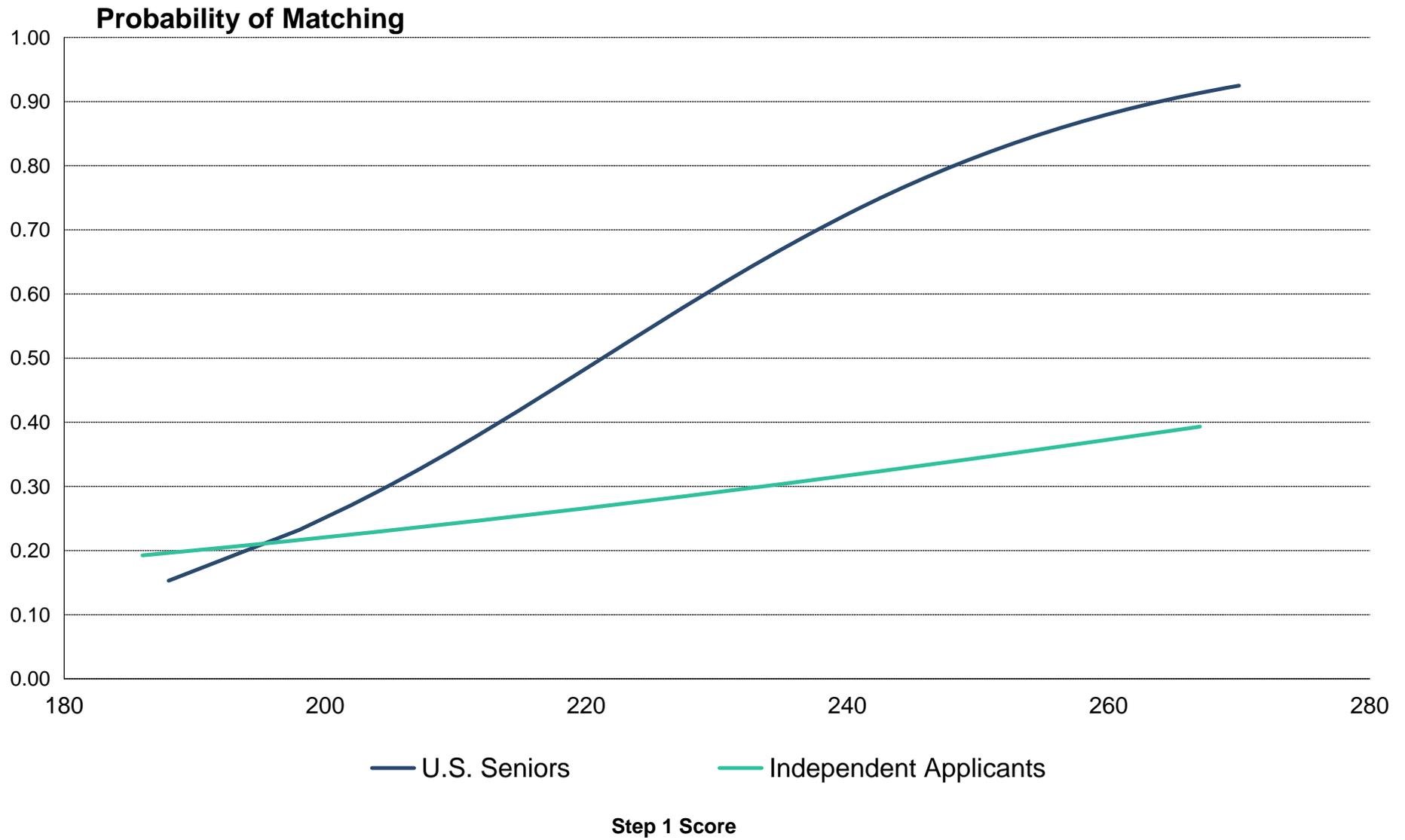
Source: NRMP Data Warehouse



Source: NRMP Data Warehouse

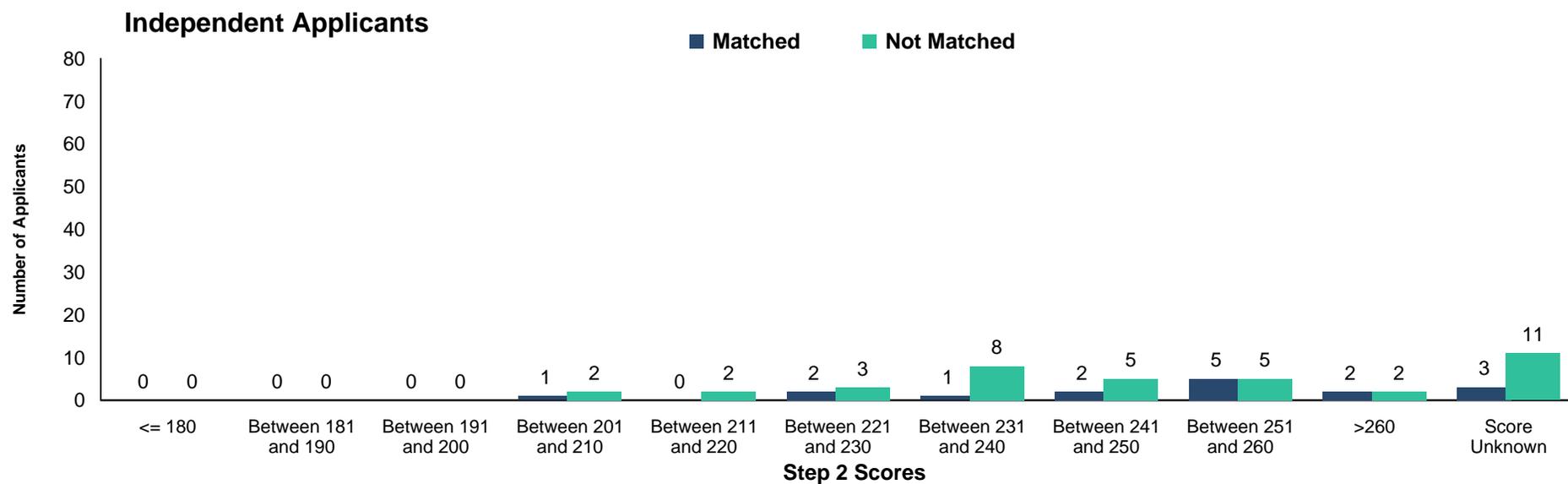
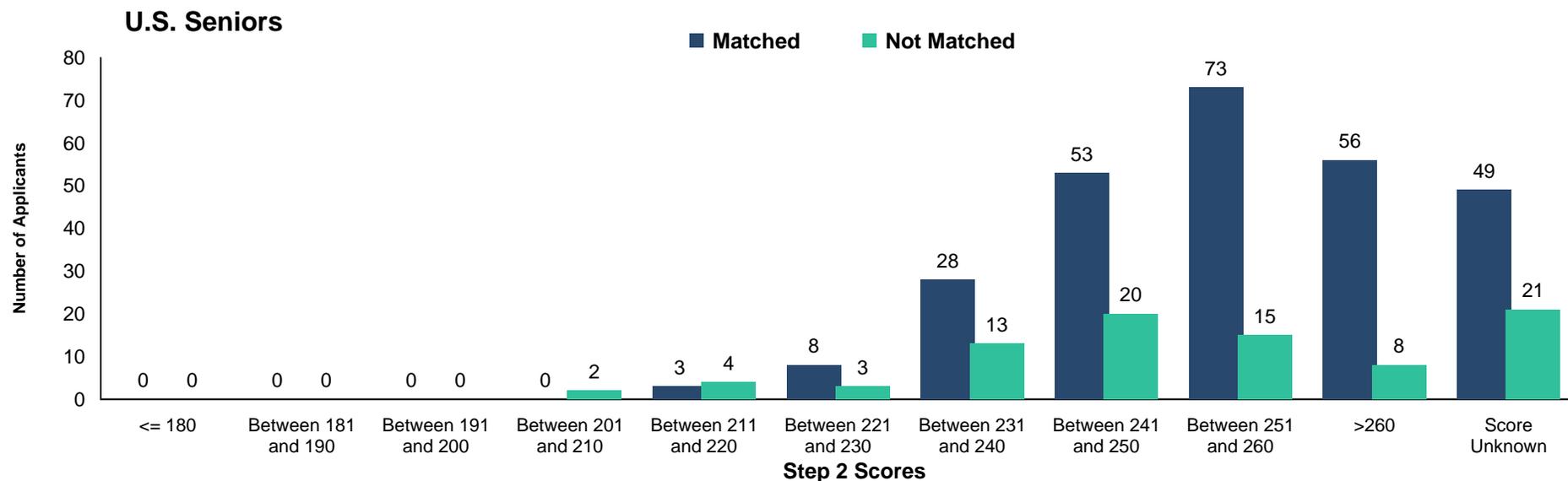
Probability of Matching to Preferred Specialty by USMLE Step 1 Score

Otolaryngology



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2014 applicants only.

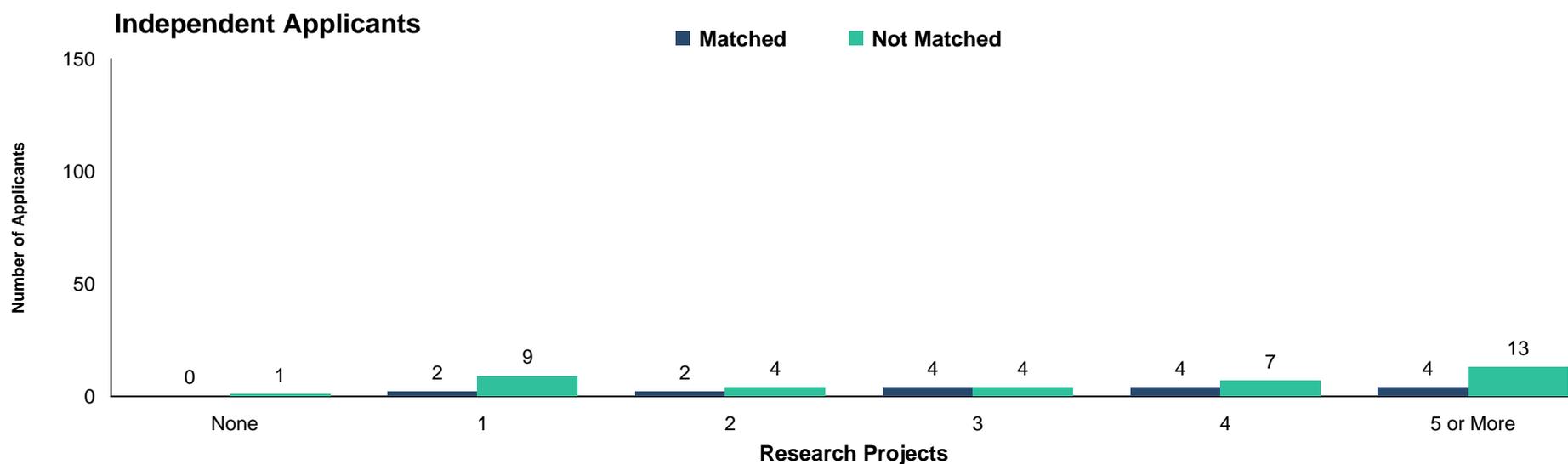
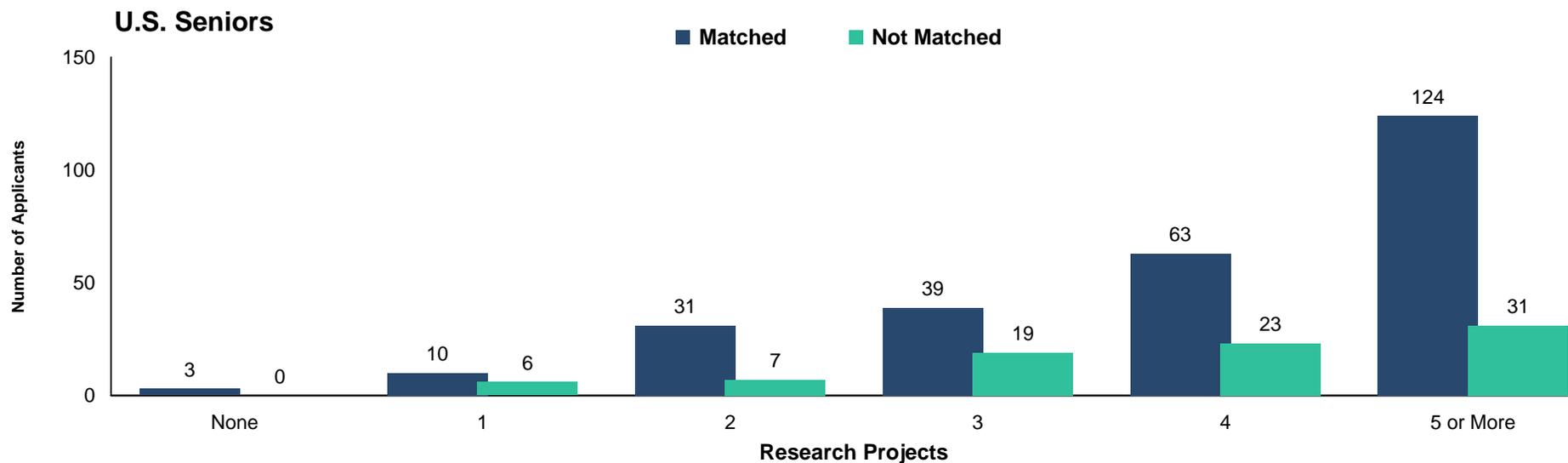
**USMLE Step 2 Scores
Otolaryngology**



Source: NRMP Data Warehouse

**Chart
OTO-5**

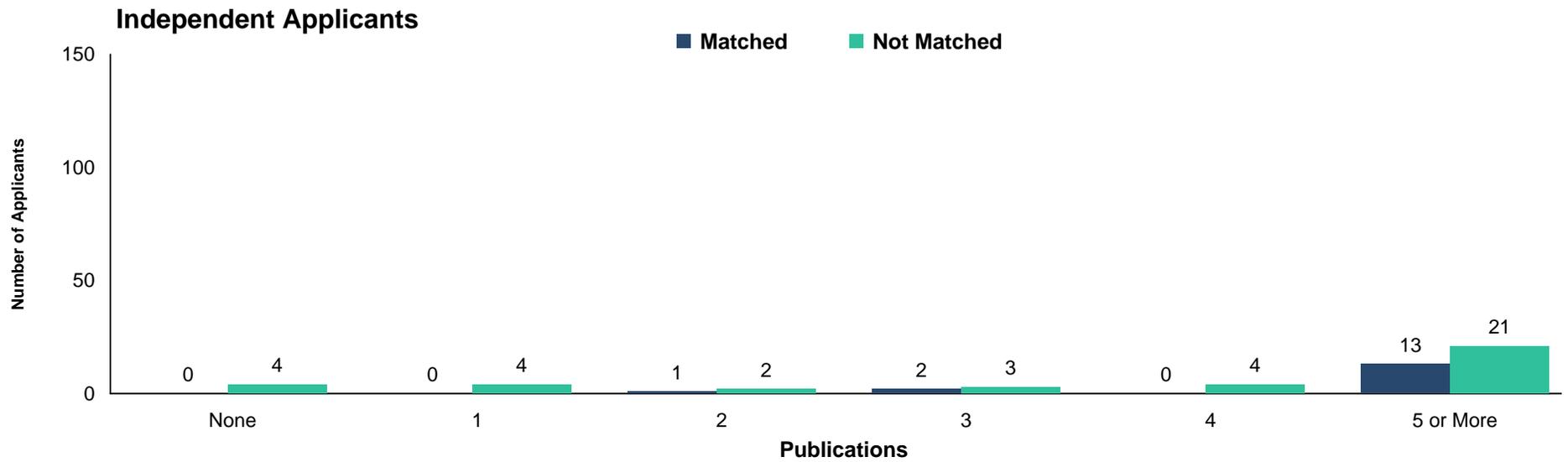
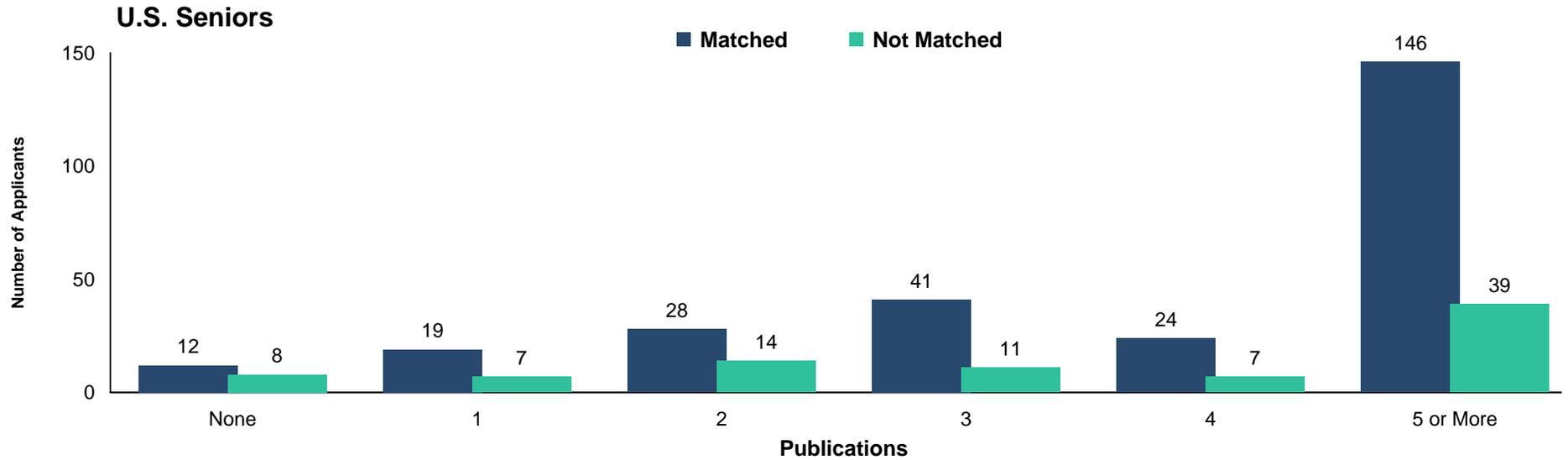
**Number of Research Projects
Otolaryngology**



Source: NRMP Data Warehouse

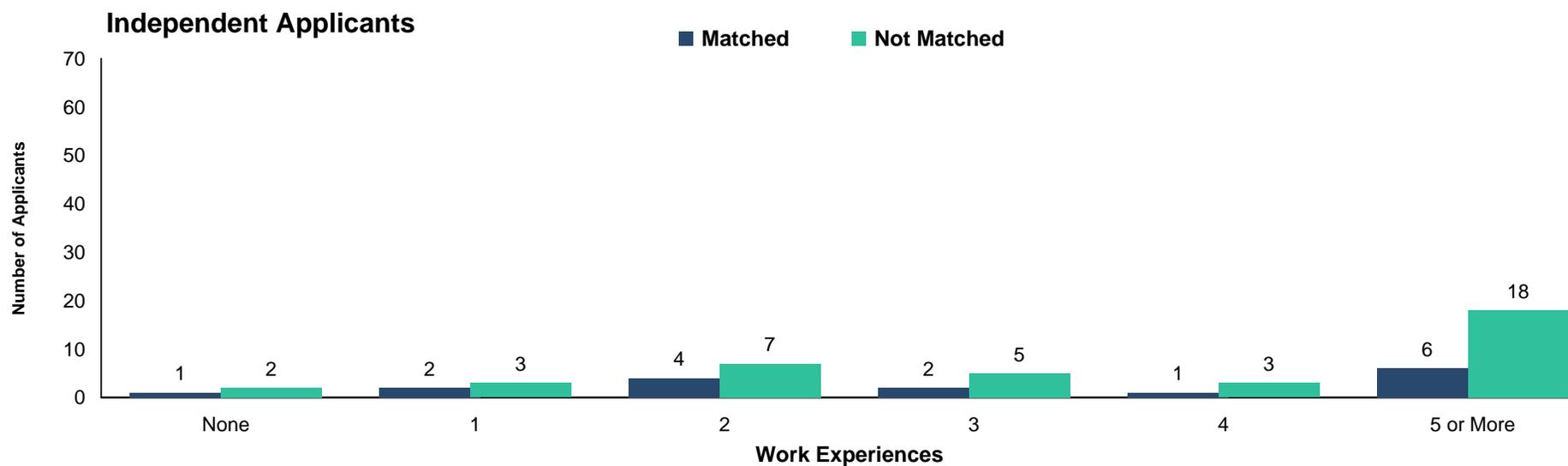
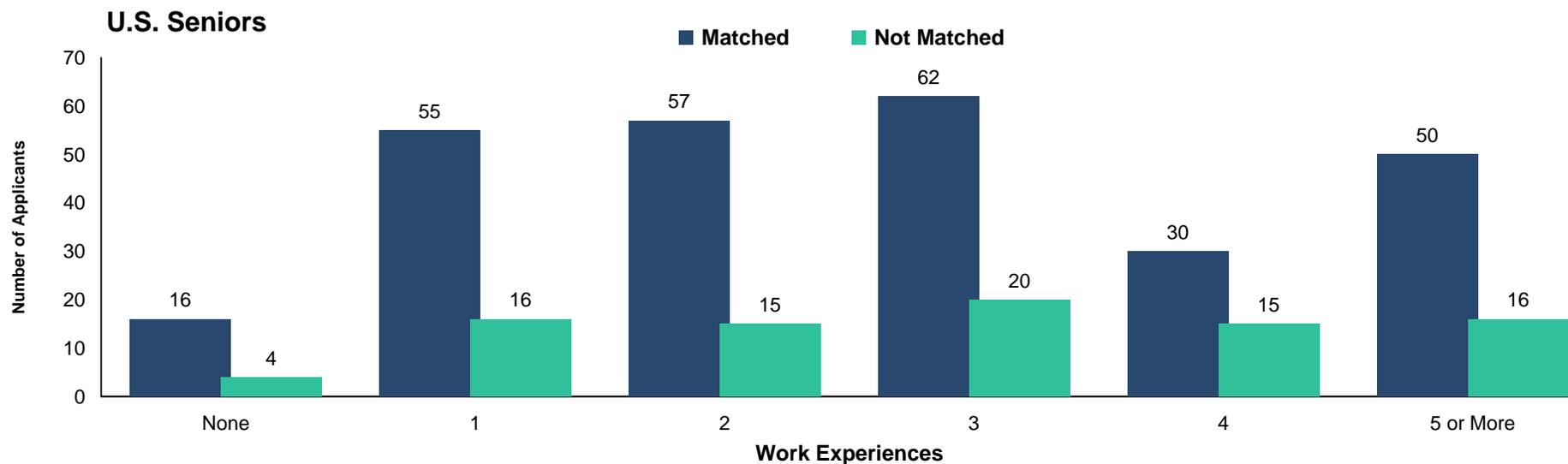
**Chart
OTO-6**

**Number of Abstracts, Presentations, and Publications
Otolaryngology**



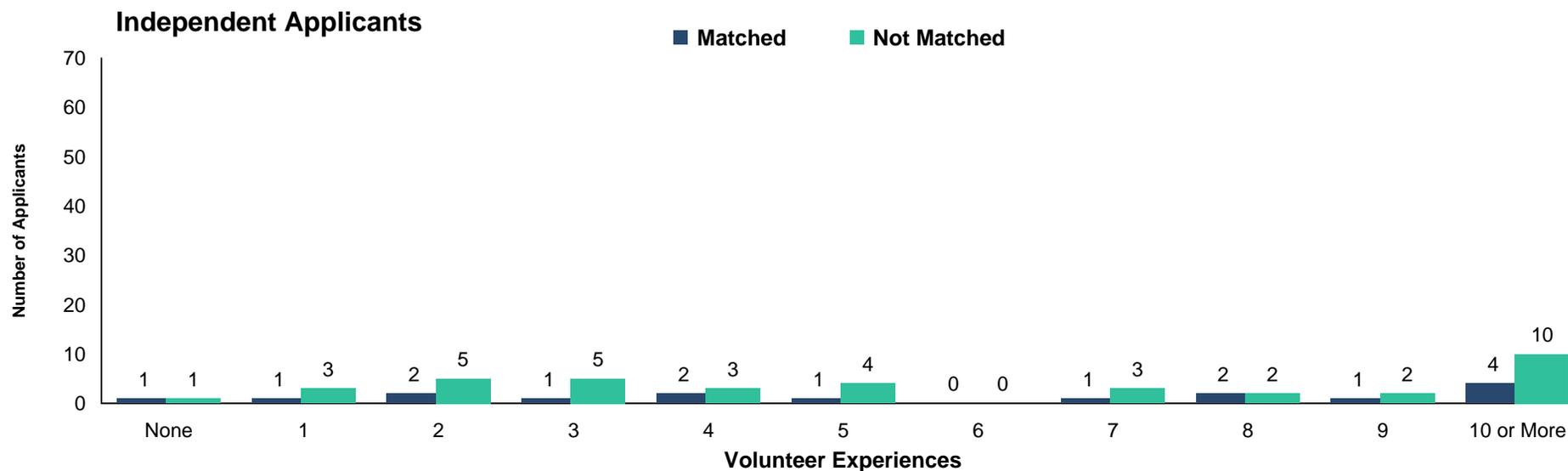
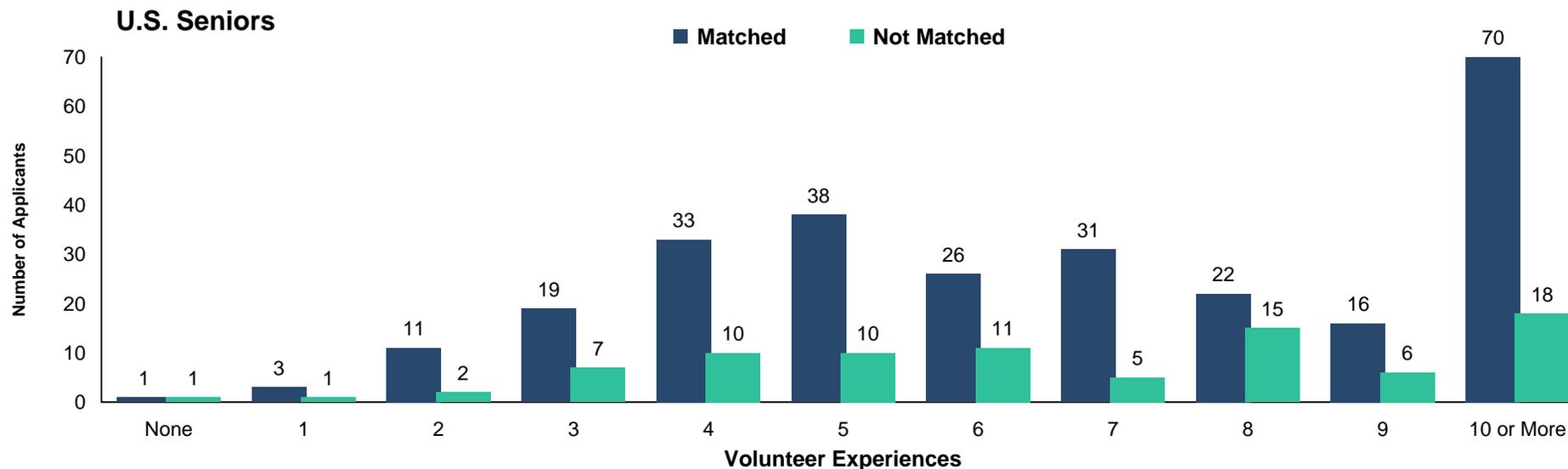
Source: NRMP Data Warehouse

**Number of Work Experiences
Otolaryngology**



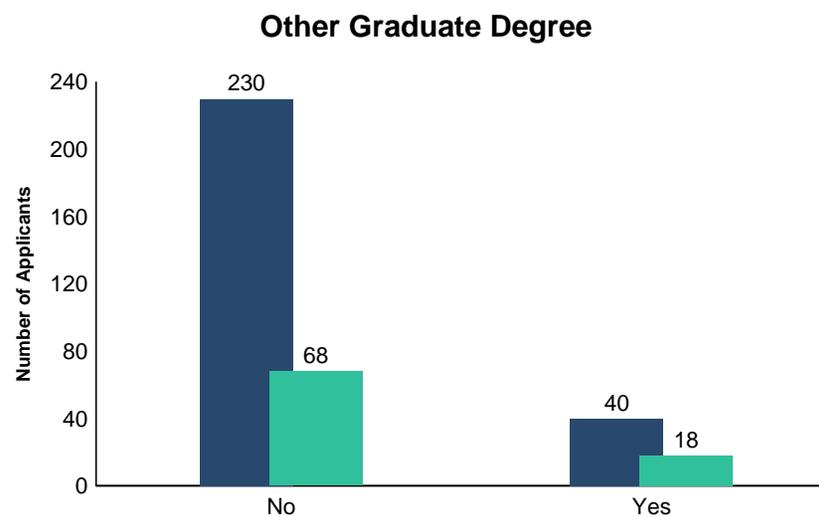
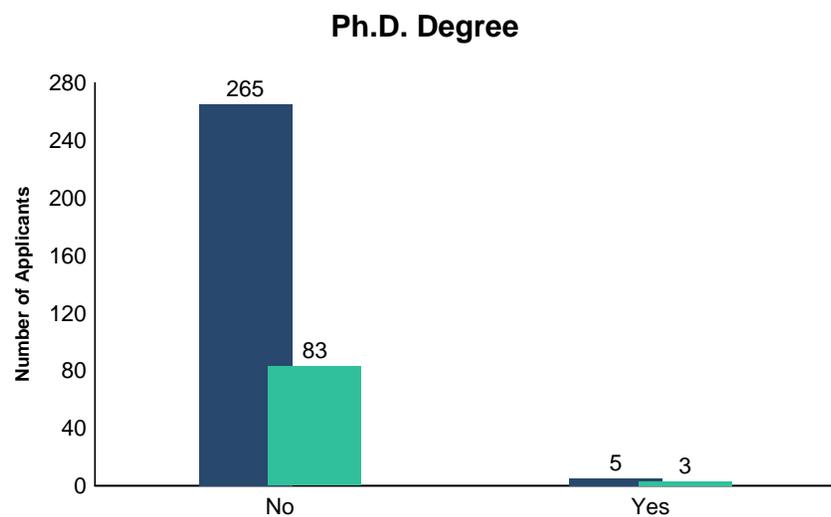
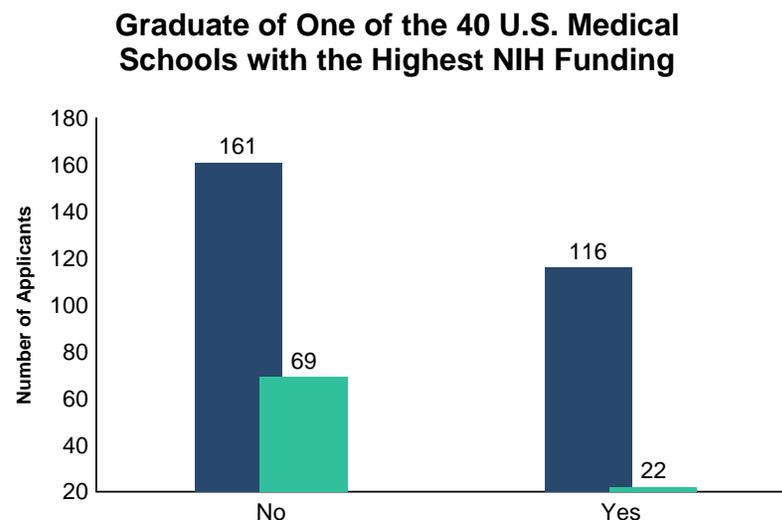
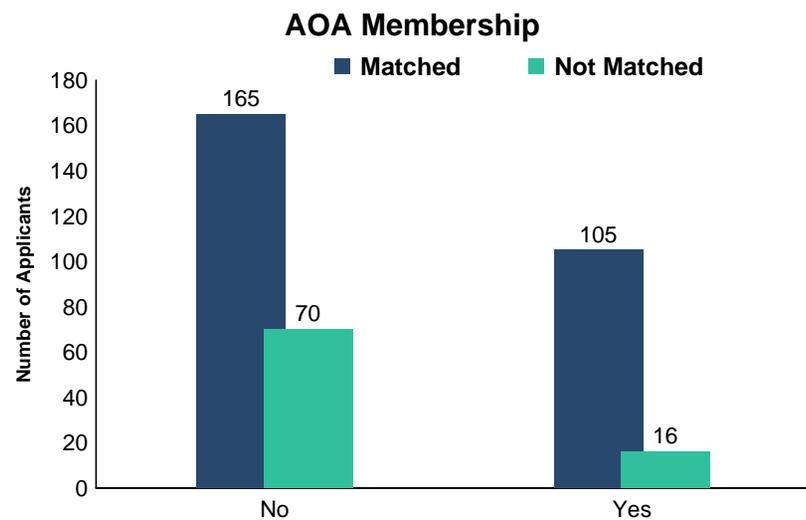
Source: NRMP Data Warehouse

**Number of Volunteer Experiences
Otolaryngology**



Source: NRMP Data Warehouse

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



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

PTH Pathology

Table **Summary Statistics**
PTH-1 **Pathology**

Measure	U.S. Seniors		Independent Applicants	
	Matched (n=256)	Unmatched (n=5)	Matched (n=270)	Unmatched (n=187)
1. Mean number of contiguous ranks	9.7	3.4	6.7	3.3
2. Mean number of distinct specialties ranked	1.0	1.0	1.2	1.4
3. Mean USMLE Step 1 score	231	217	224	212
4. Mean USMLE Step 2 score	241	230	228	216
5. Mean number of research experiences	2.8	1.6	2.3	2.3
6. Mean number of abstracts, presentations, and publications	5.6	3.0	8.4	7.7
7. Mean number of work experiences	2.7	3.4	3.3	4.3
8. Mean number of volunteer experiences	4.8	2.2	3.5	2.9
9. Percentage who are AOA members	11.0	0.0	n/a	n/a
10. Percentage who graduated from one of the 40 U.S. medical schools with the highest NIH funding	33.6	20.0	n/a	n/a
11. Percentage who have Ph.D. degree	22.0	20.0	n/a	n/a
12. Percentage who have another graduate degree	11.8	0.0	n/a	n/a

n/a: The measure either does not apply to, applies to only a small percentage of, or no reliable data were available for independent applicants.

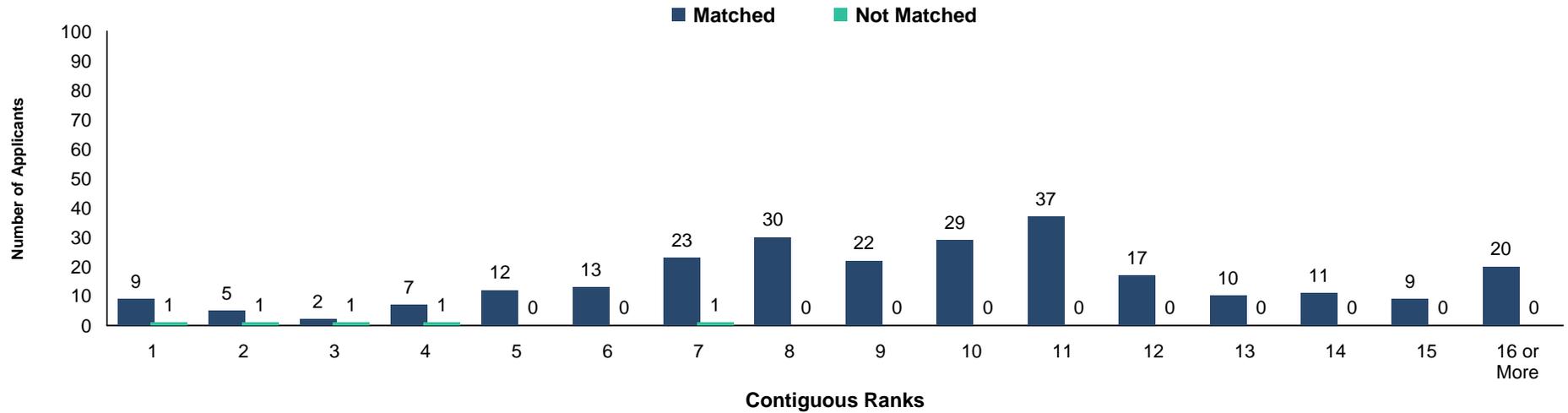
Sources. NRMP Data Warehouse; Top 40 U.S. medical schools with the highest NIH funding in measure 10 is from the NIH website (<http://report.nih.gov/award/index.cfm>).

Note: Measures 3-9 and 11-12 included only applicants who gave consent to use their information in research. USMLE Step scores are not available for most osteopathic medical school students and graduates included in the independent applicant group.

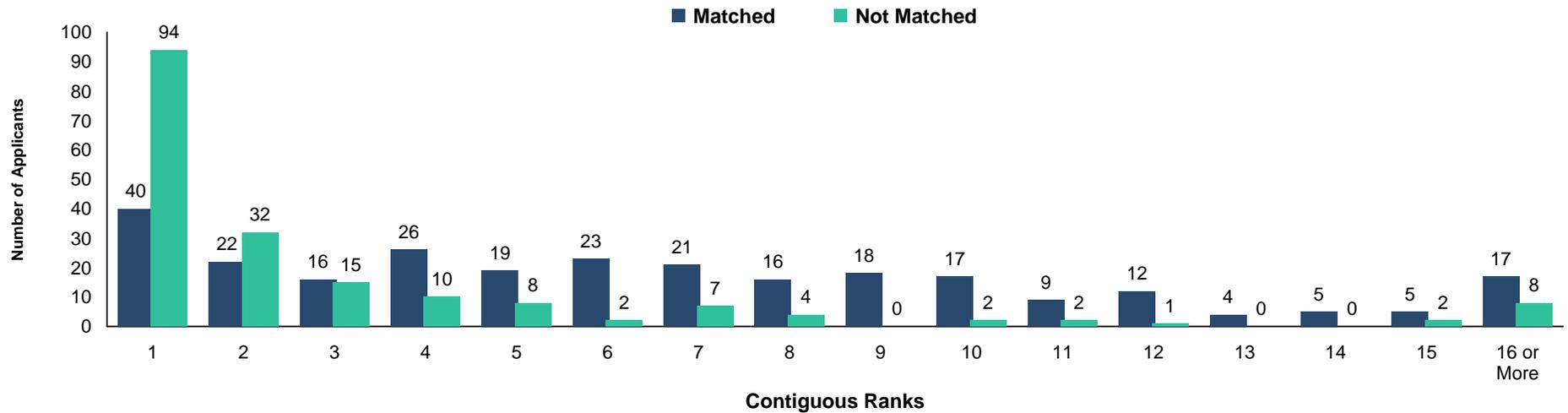
**Chart
PTH-1**

**Number of Contiguous Ranks Within Preferred Specialty
Pathology**

U.S. Seniors

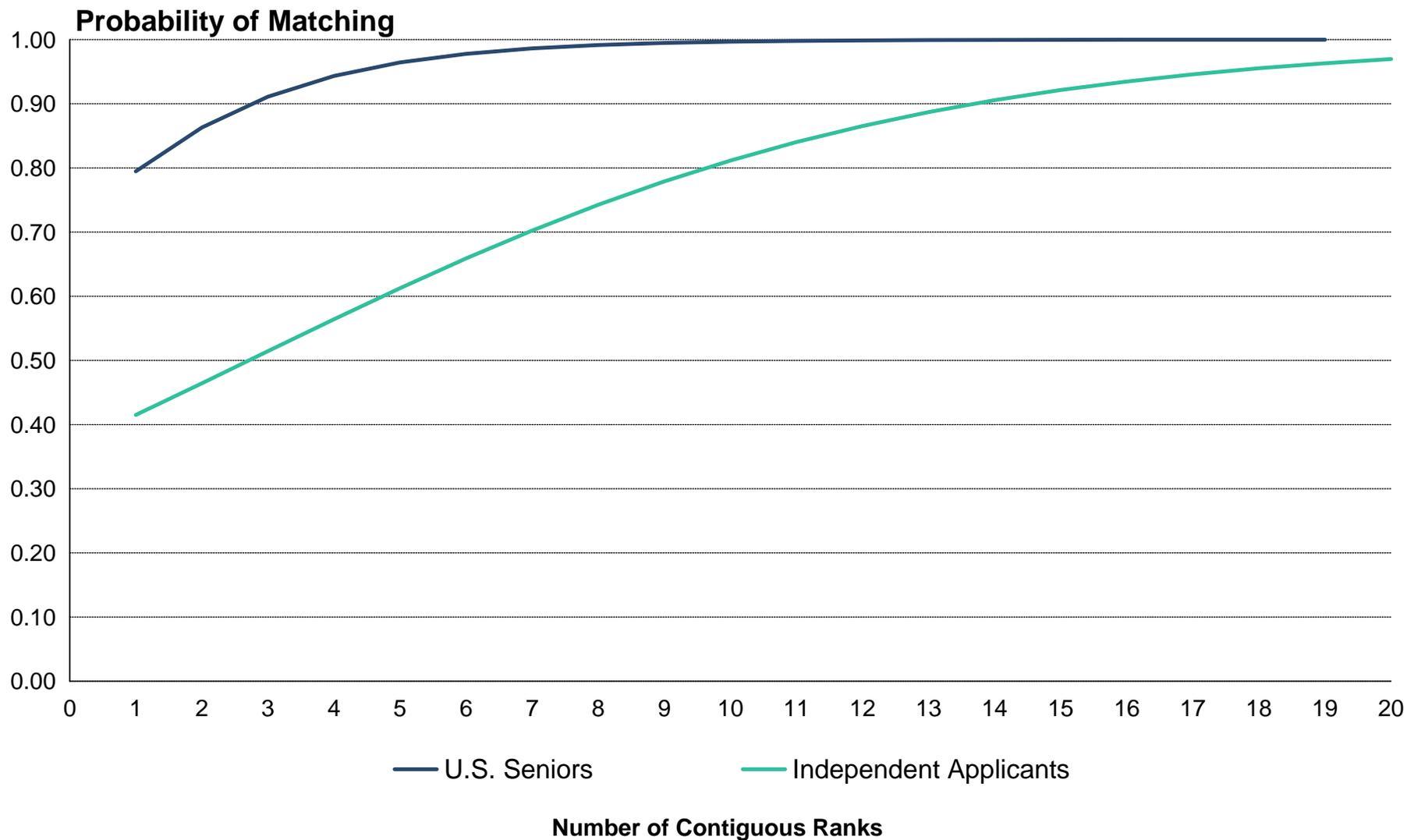


Independent Applicants



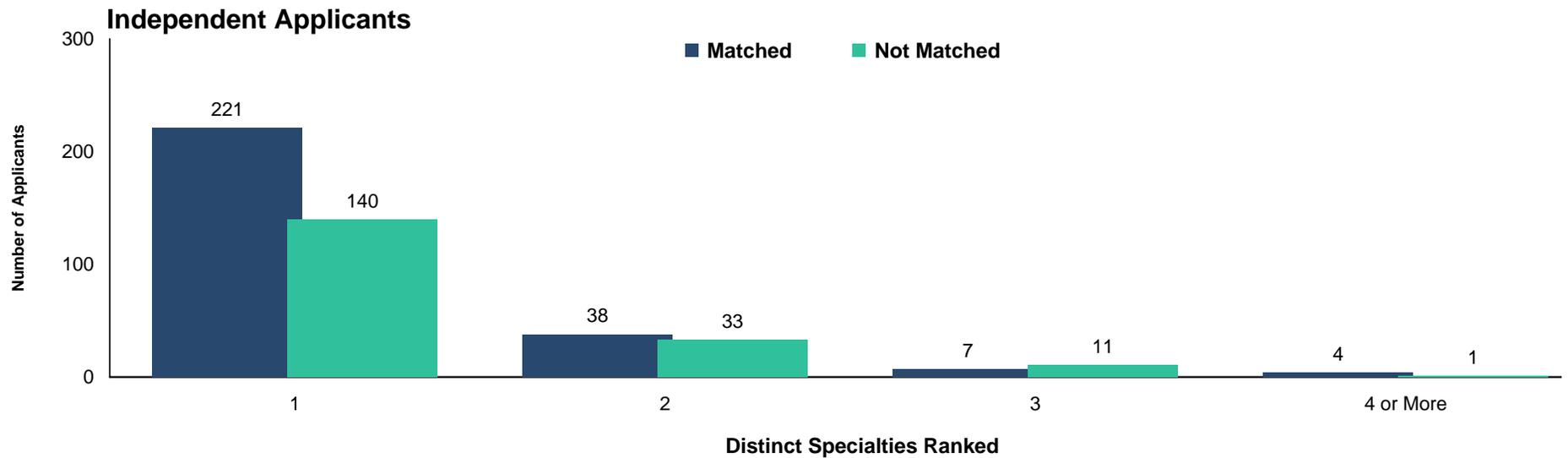
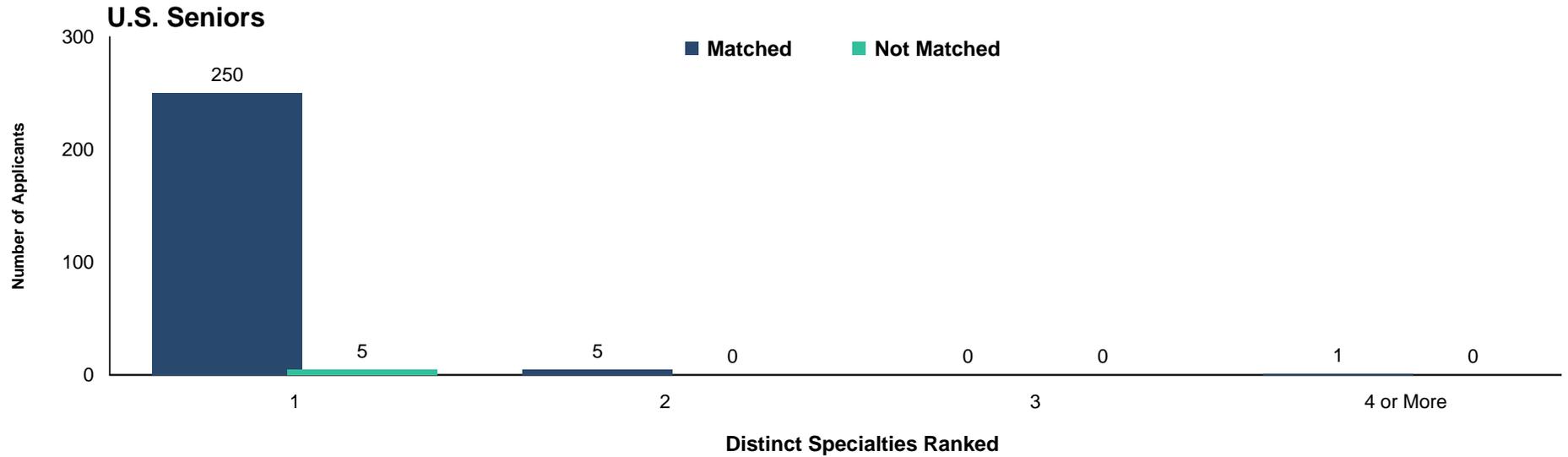
Source: NRMP Data Warehouse

Probability of Matching to Preferred Specialty by Number of Contiguous Ranks
Pathology

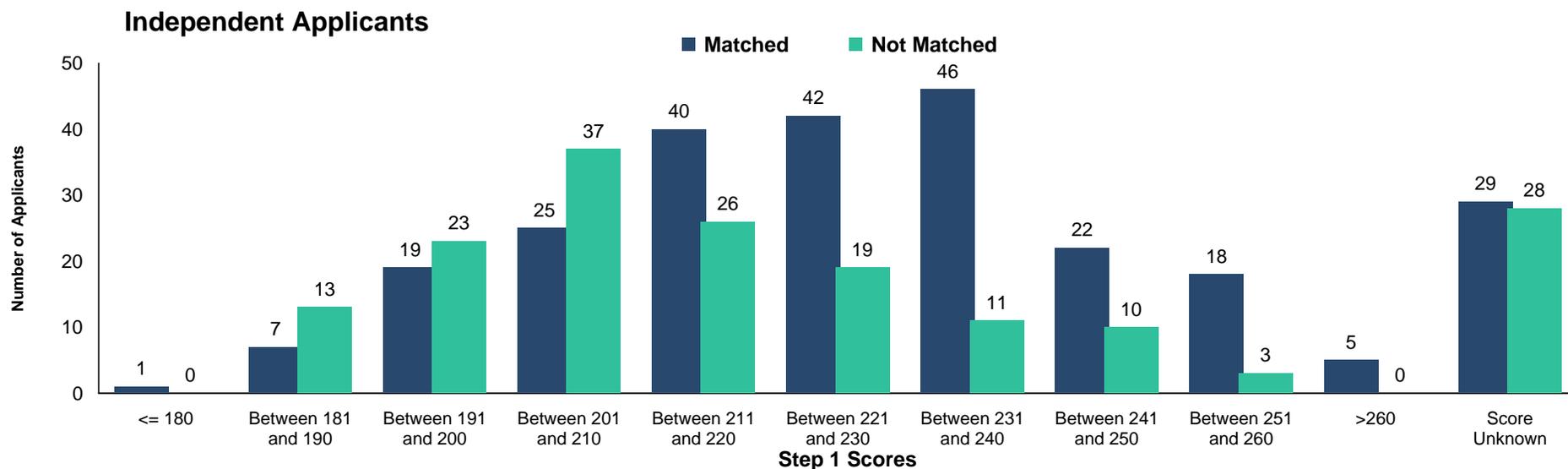
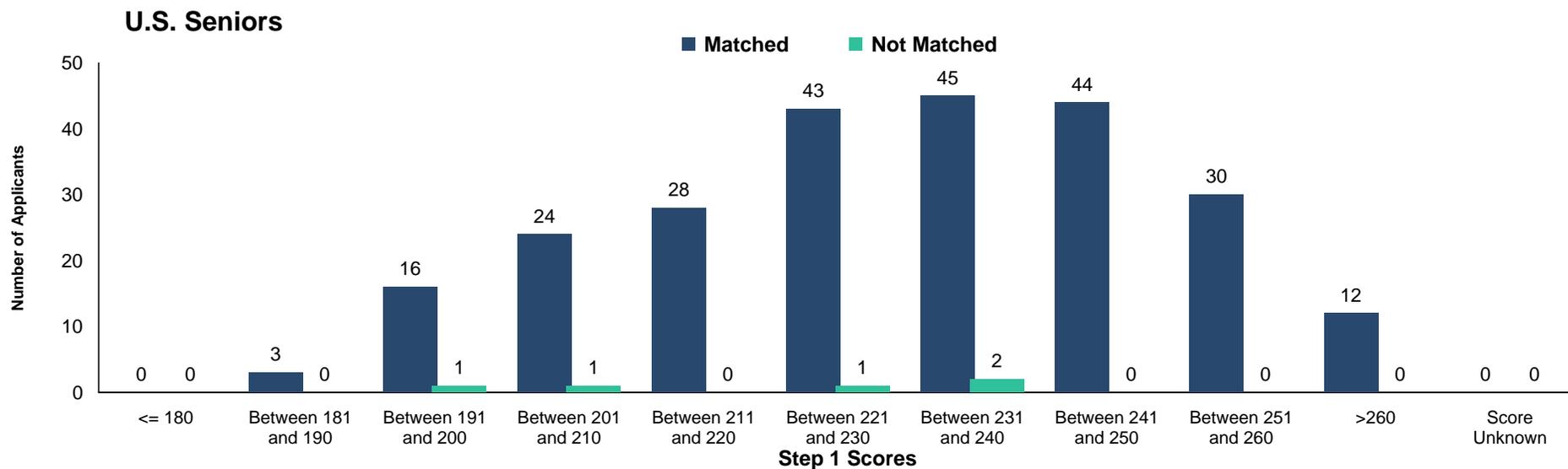


Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2014 applicants only

Number of Distinct Specialties Ranked
Pathology



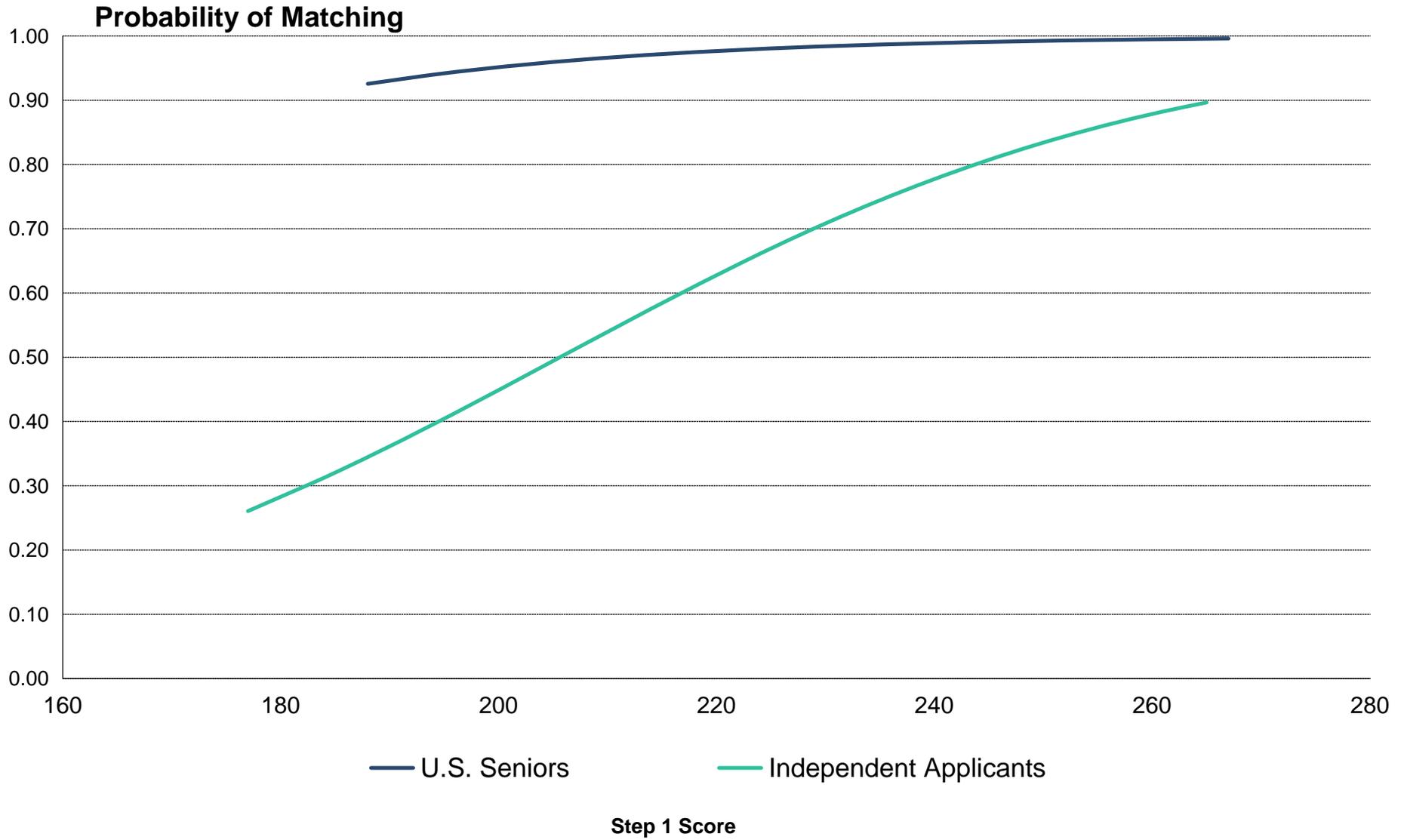
Source: NRMP Data Warehouse



Source: NRMP Data Warehouse

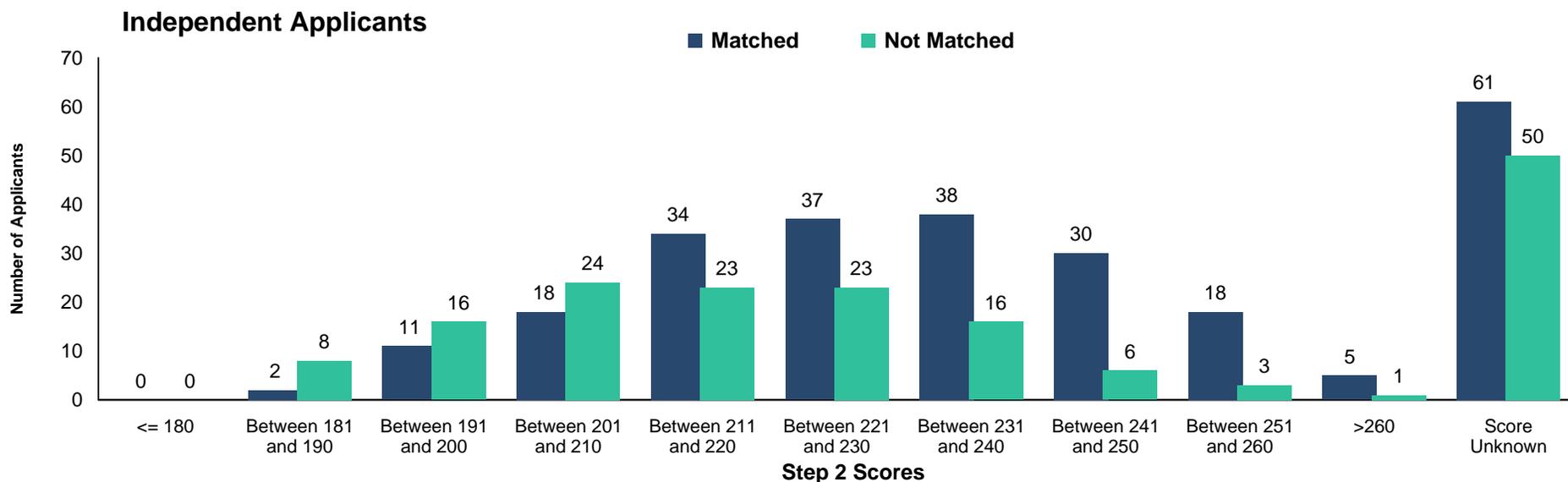
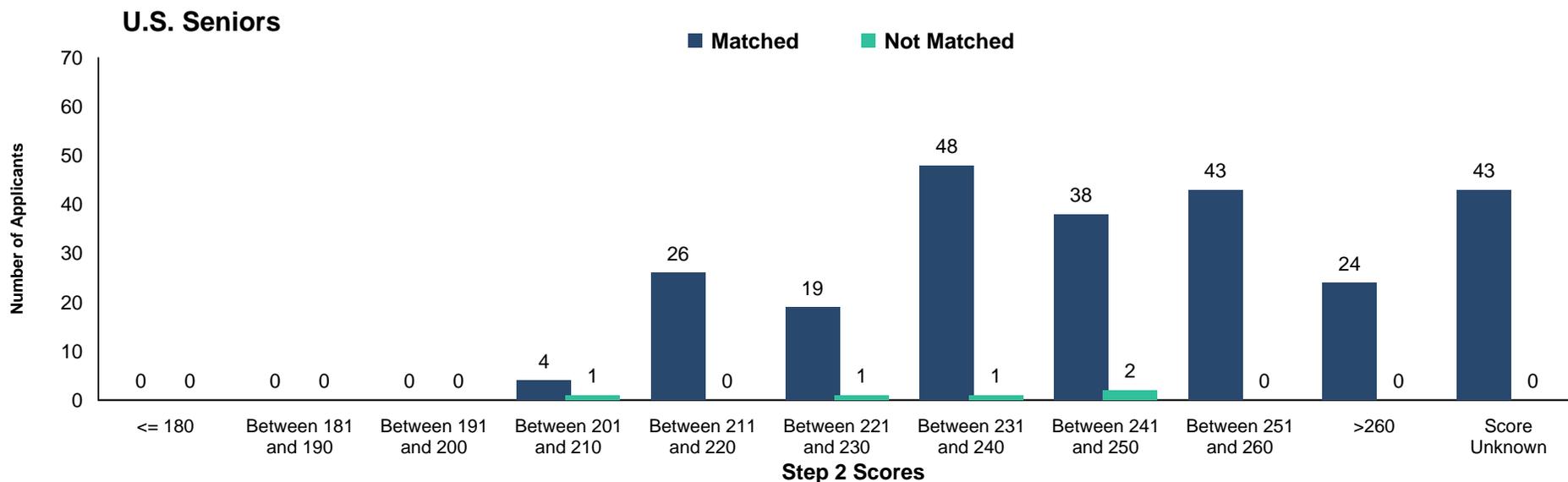
Probability of Matching to Preferred Specialty by USMLE Step 1 Score

Pathology



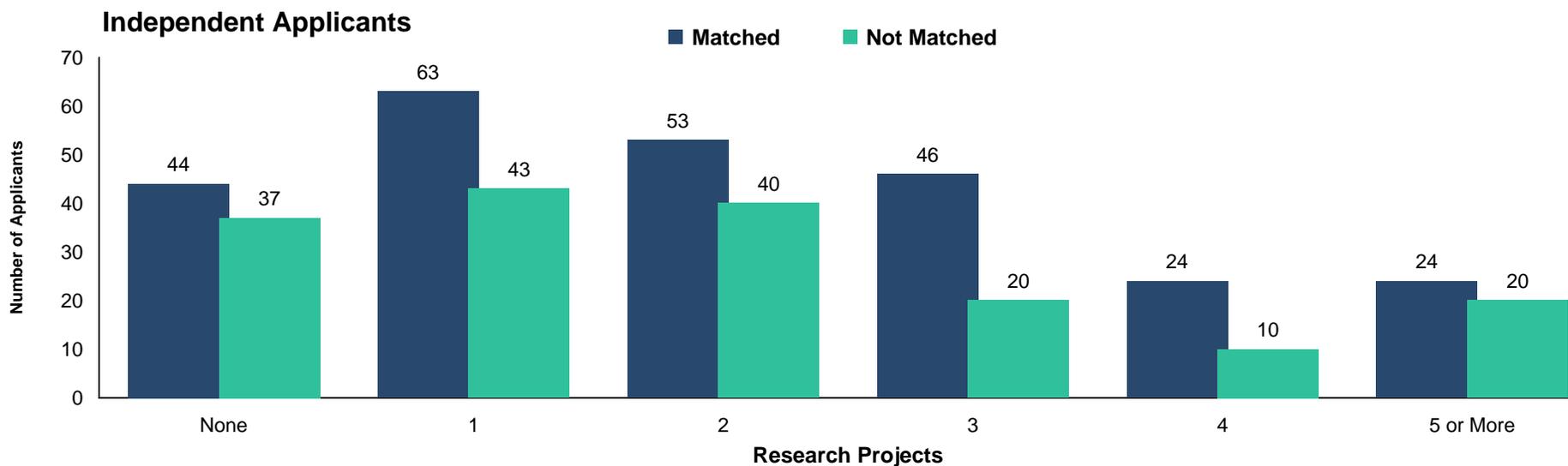
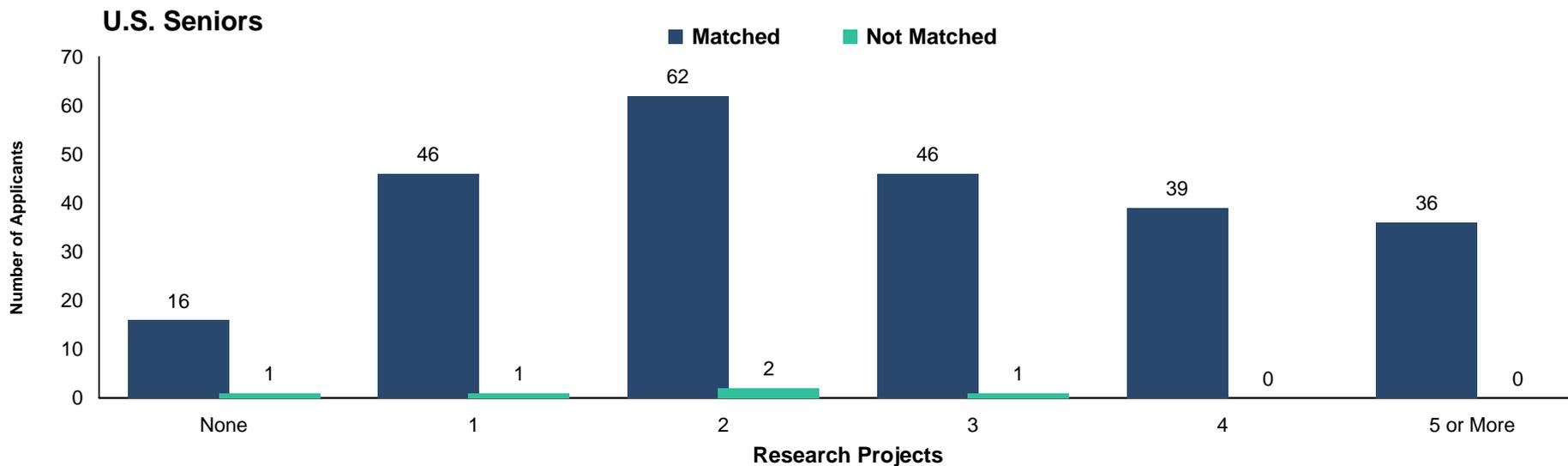
Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2014 applicants only.

**USMLE Step 2 Scores
Pathology**



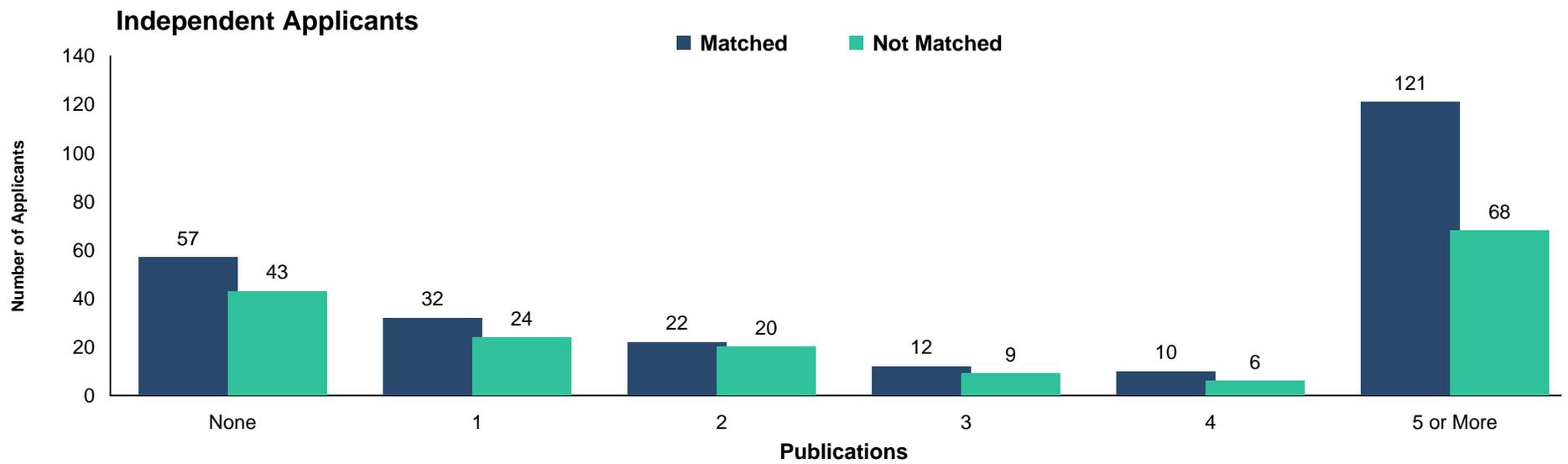
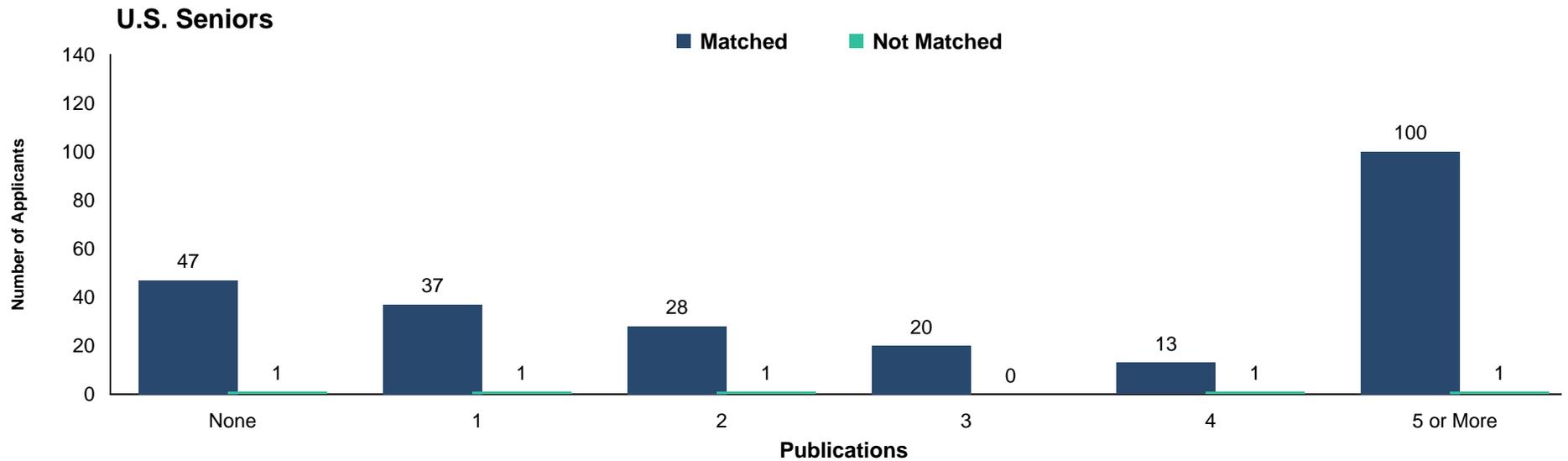
Source: NRMP Data Warehouse

**Number of Research Projects
Pathology**



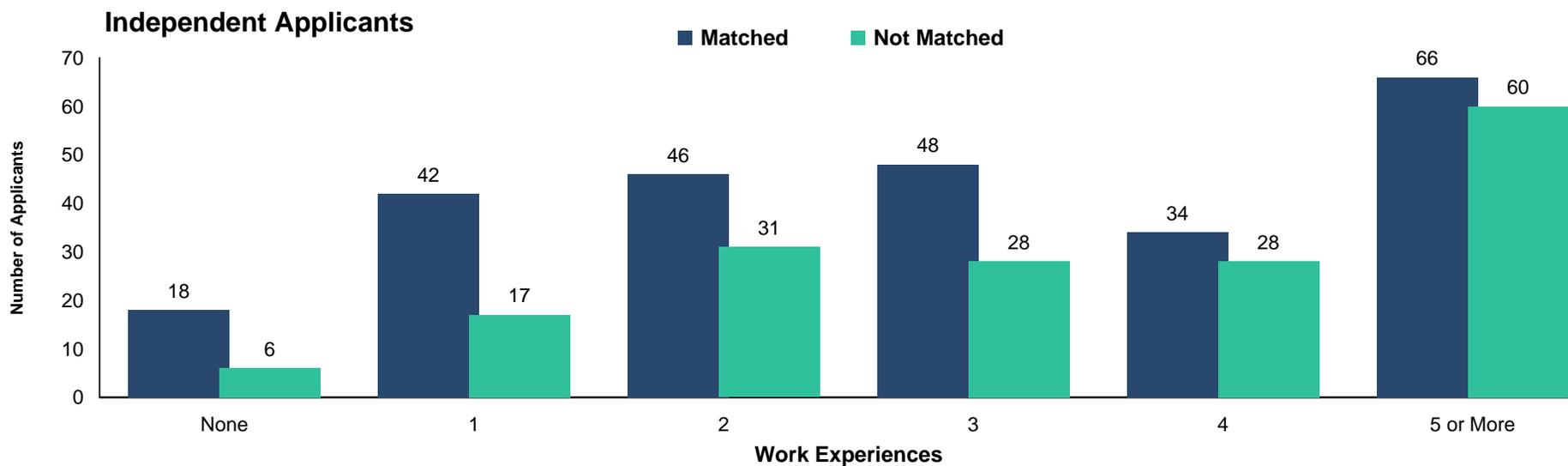
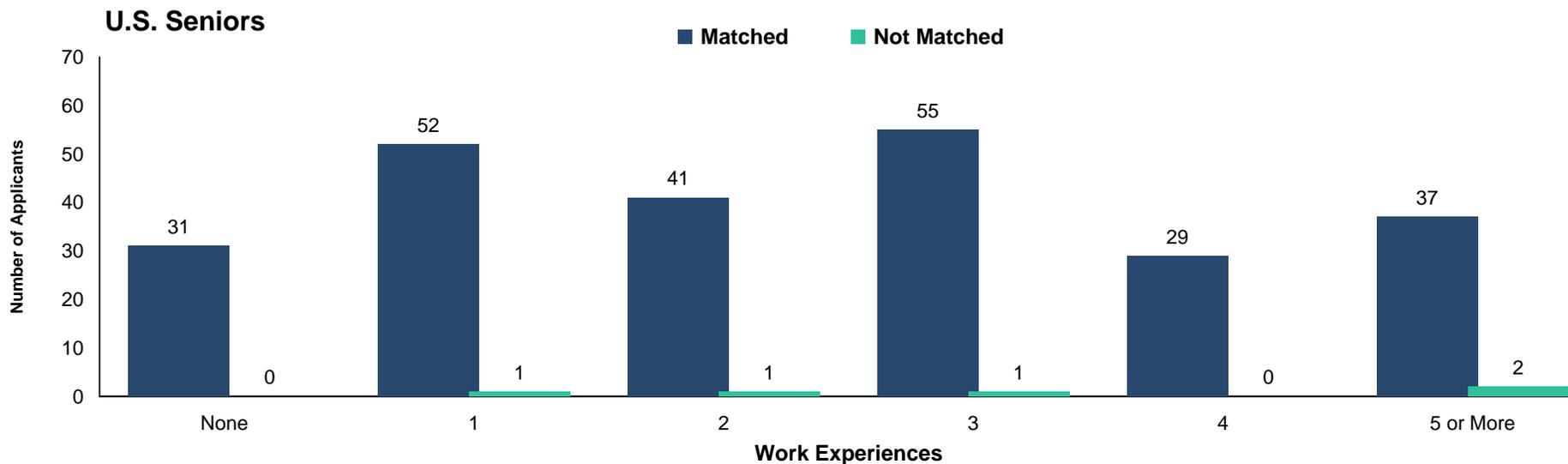
Source: NRMP Data Warehouse

**Number of Abstracts, Presentations, and Publications
Pathology**



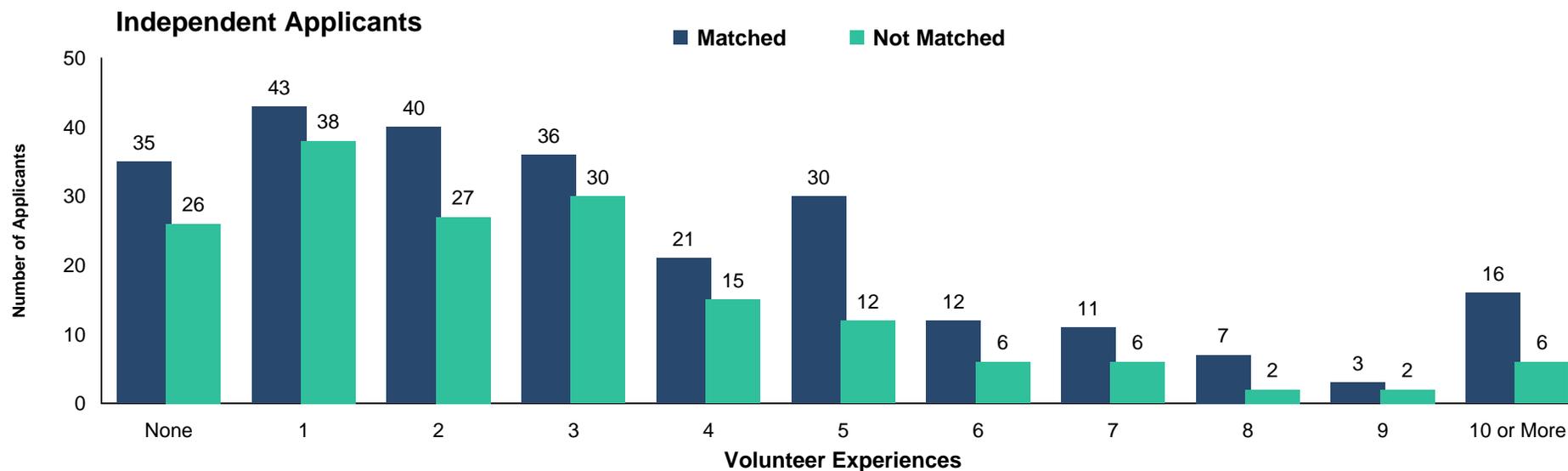
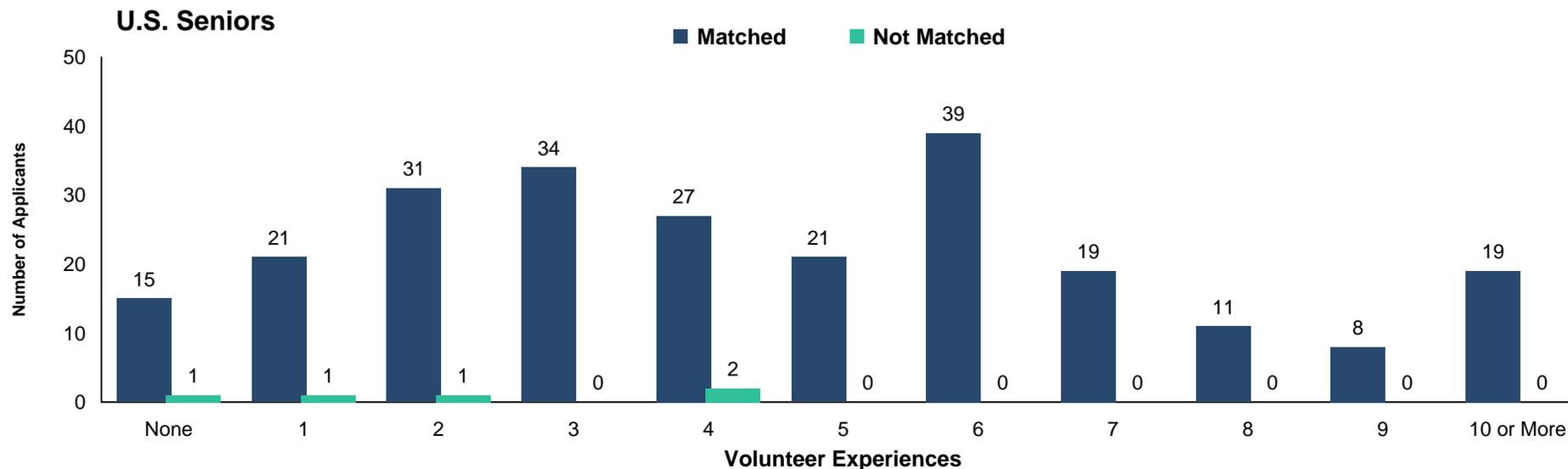
Source: NRMP Data Warehouse

**Number of Work Experiences
Pathology**



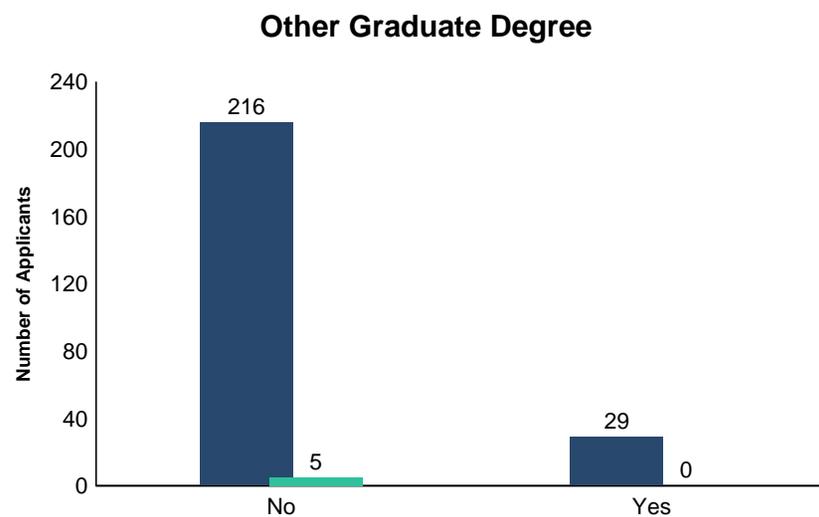
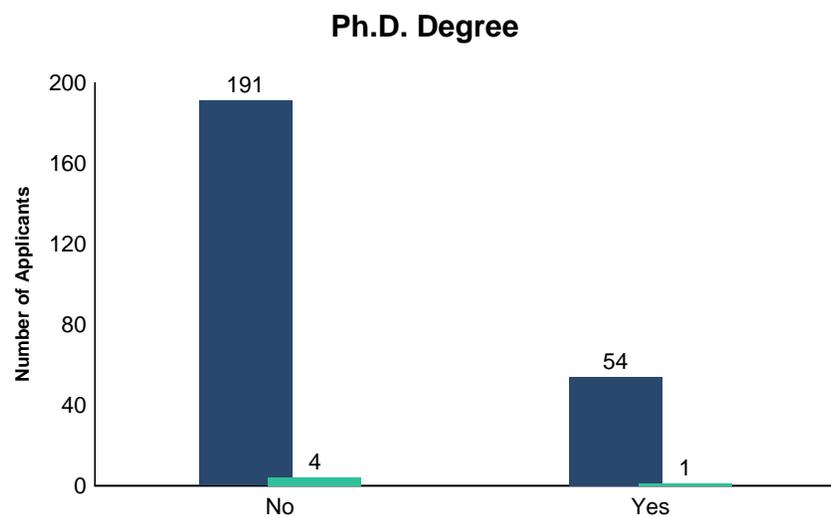
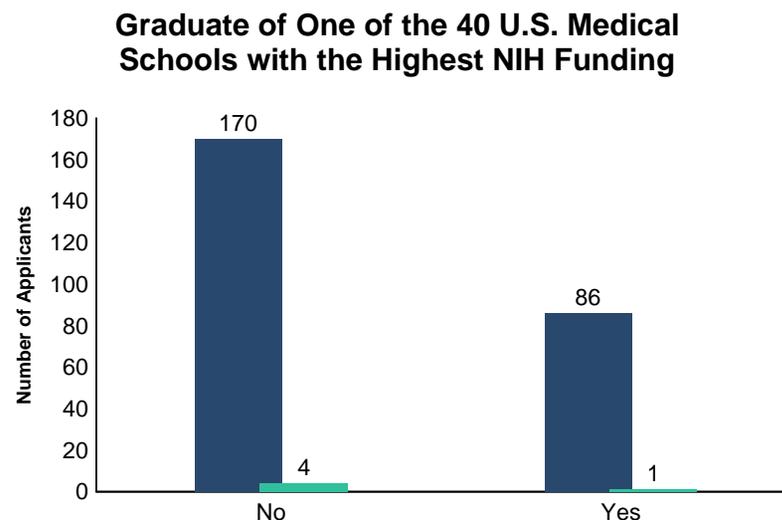
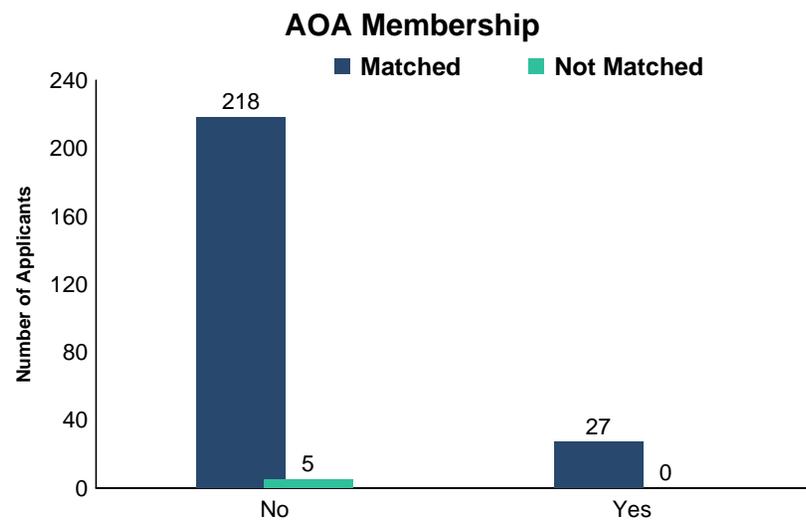
Source: NRMP Data Warehouse

Number of Volunteer Experiences
Pathology



Source: NRMP Data Warehouse

**Other Characteristics of U.S. Seniors
Pathology**



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

PD **Pediatrics**

Table PD-1 **Summary Statistics**
Pediatrics

Measure	U.S. Seniors		Independent Applicants	
	Matched (n=1,817)	Unmatched (n=73)	Matched (n=794)	Unmatched (n=564)
1. Mean number of contiguous ranks	11.0	5.0	7.4	3.0
2. Mean number of distinct specialties ranked	1.0	1.3	1.2	1.4
3. Mean USMLE Step 1 score	226	206	222	210
4. Mean USMLE Step 2 score	241	219	233	217
5. Mean number of research experiences	2.2	2.0	1.6	1.7
6. Mean number of abstracts, presentations, and publications	3.0	2.2	2.5	3.0
7. Mean number of work experiences	2.9	3.3	3.6	5.7
8. Mean number of volunteer experiences	8.2	7.1	5.5	3.8
9. Percentage who are AOA members	12.9	1.4	n/a	n/a
10. Percentage who graduated from one of the 40 U.S. medical schools with the highest NIH funding	31.4	16.4	n/a	n/a
11. Percentage who have Ph.D. degree	3.5	4.2	n/a	n/a
12. Percentage who have another graduate degree	12.6	15.5	n/a	n/a

n/a: The measure either does not apply to, applies to only a small percentage of, or no reliable data were available for independent applicants.

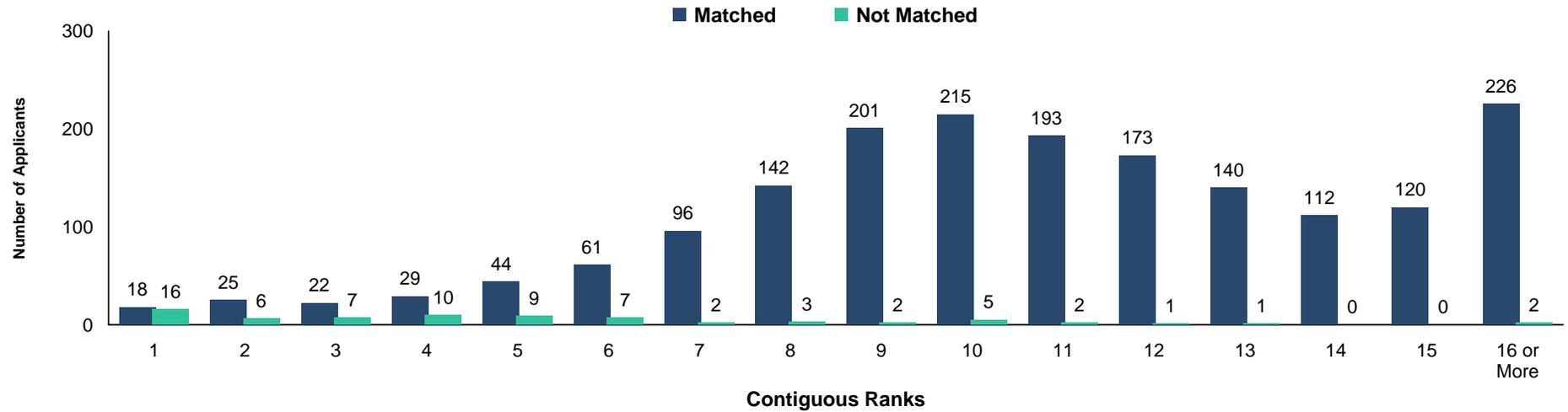
Sources. NRMP Data Warehouse; Top 40 U.S. medical schools with the highest NIH funding in measure 10 is from the NIH website (<http://report.nih.gov/award/index.cfm>).

Note: Measures 3-9 and 11-12 included only applicants who gave consent to use their information in research. USMLE Step scores are not available for most osteopathic medical school students and graduates included in the independent applicant group.

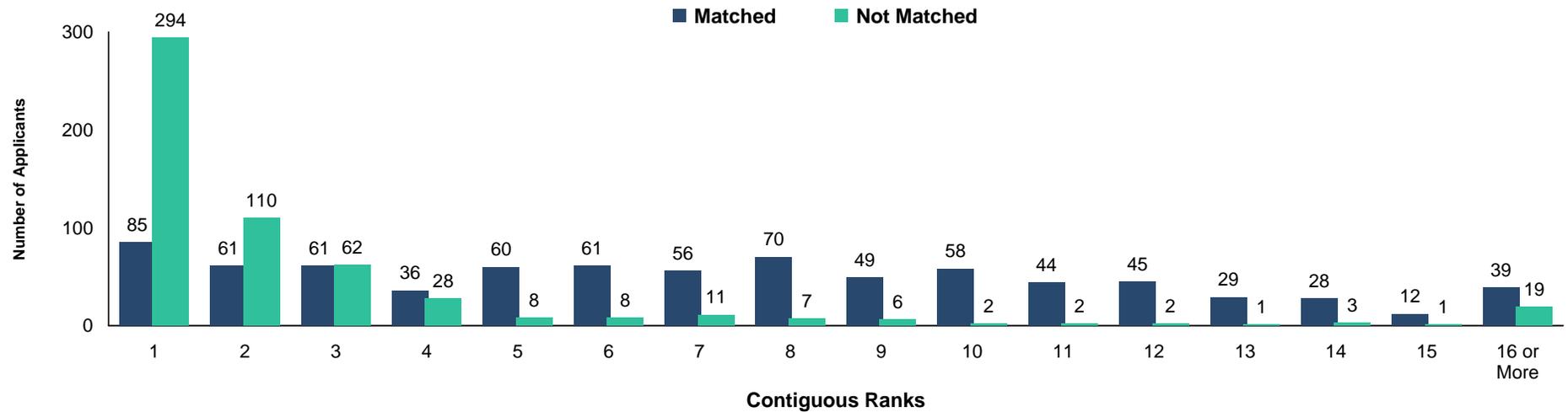
**Chart
PD-1**

**Number of Contiguous Ranks Within Preferred Specialty
Pediatrics**

U.S. Seniors



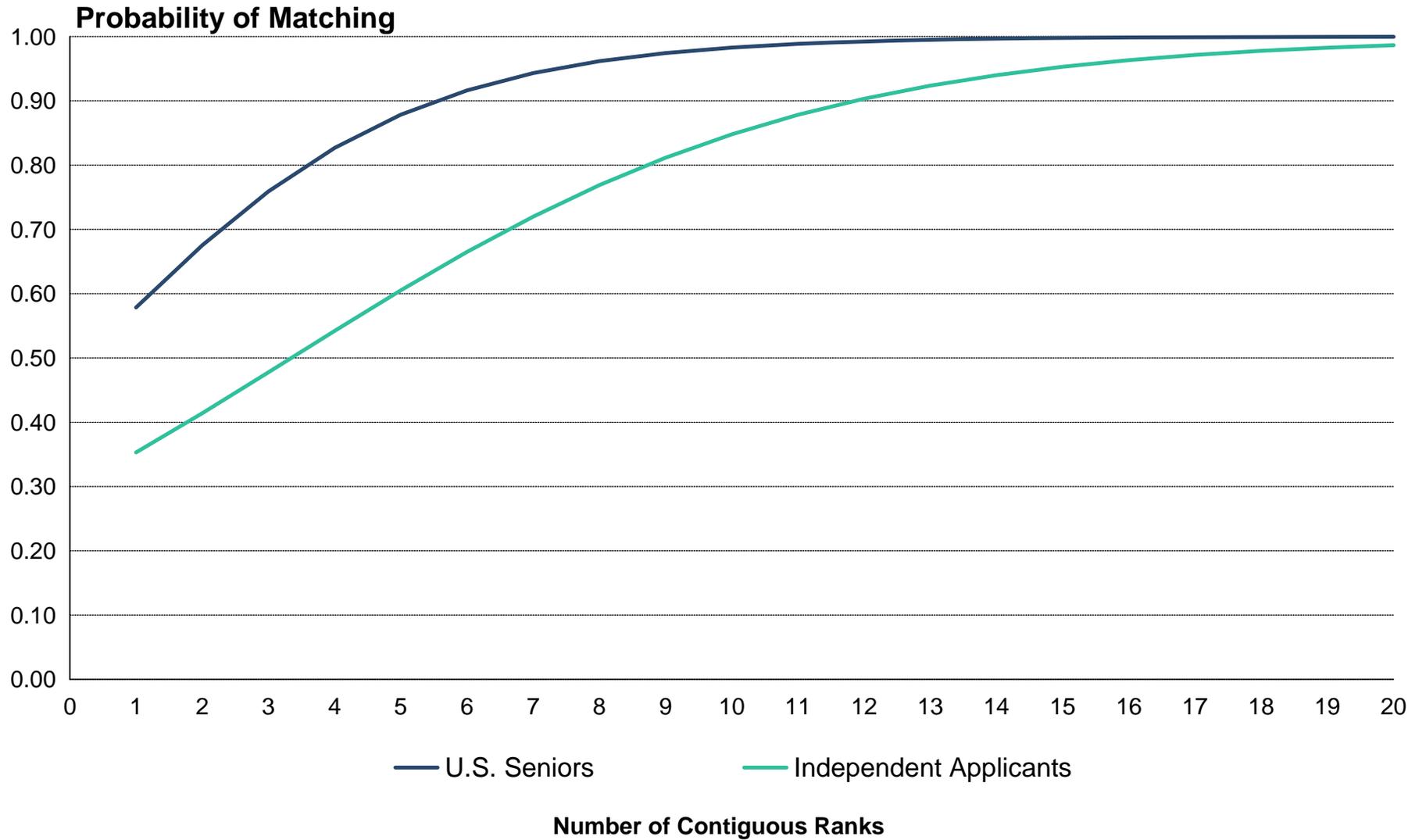
Independent Applicants



Source: NRMP Data Warehouse

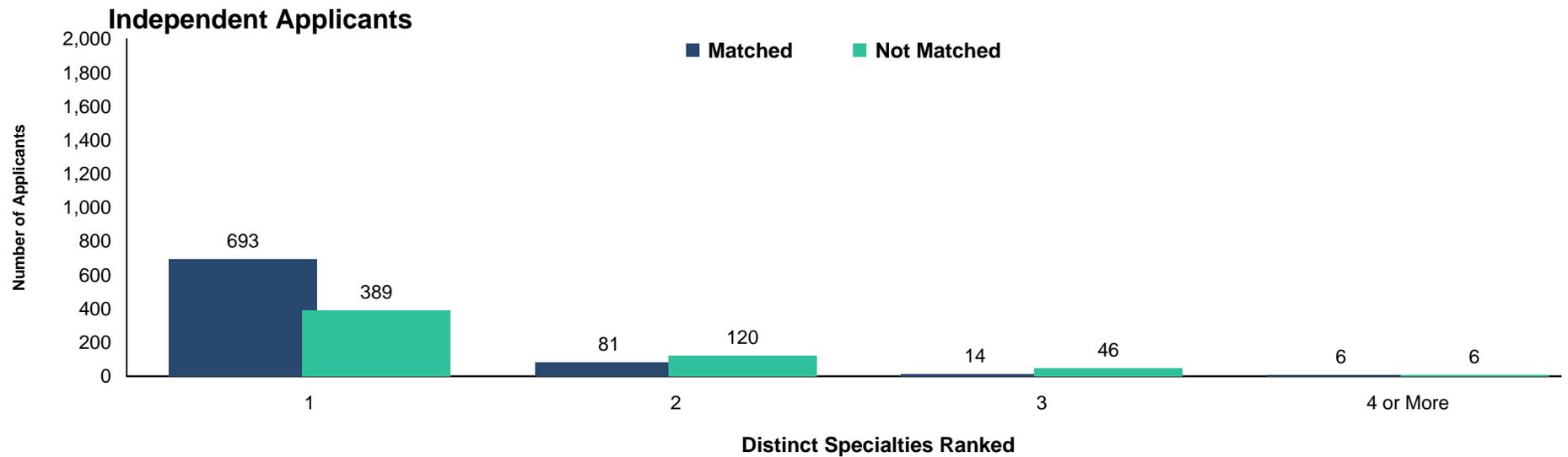
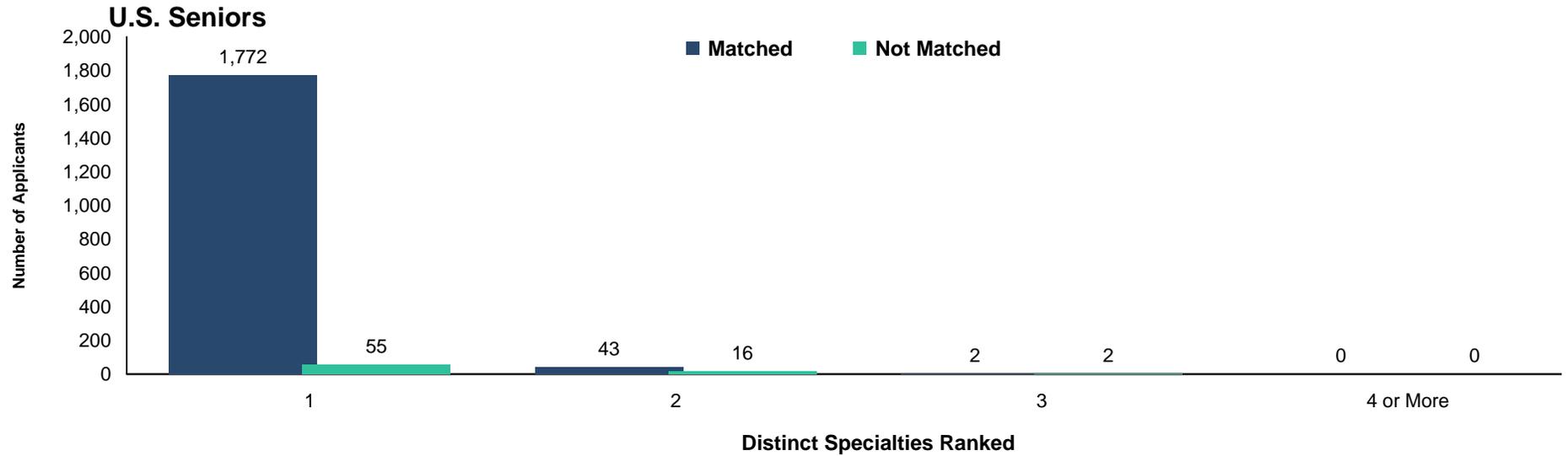
Probability of Matching to Preferred Specialty by Number of Contiguous Ranks

Pediatrics



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2014 applicants only

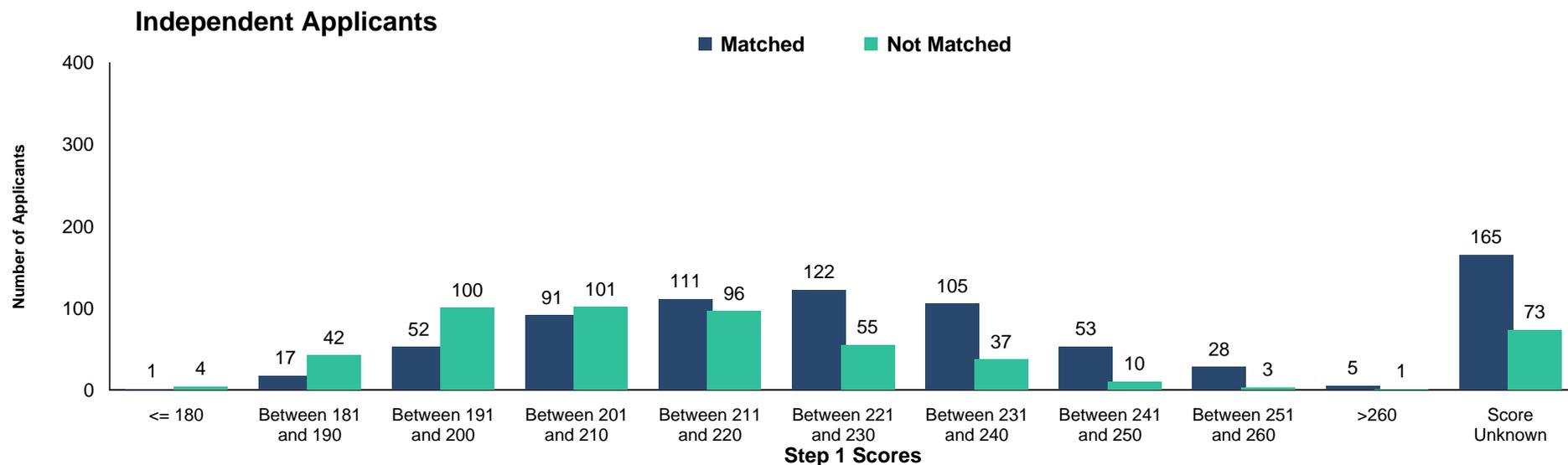
**Number of Distinct Specialties Ranked
*Pediatrics***



Source: NRMP Data Warehouse

**Chart
PD-3**

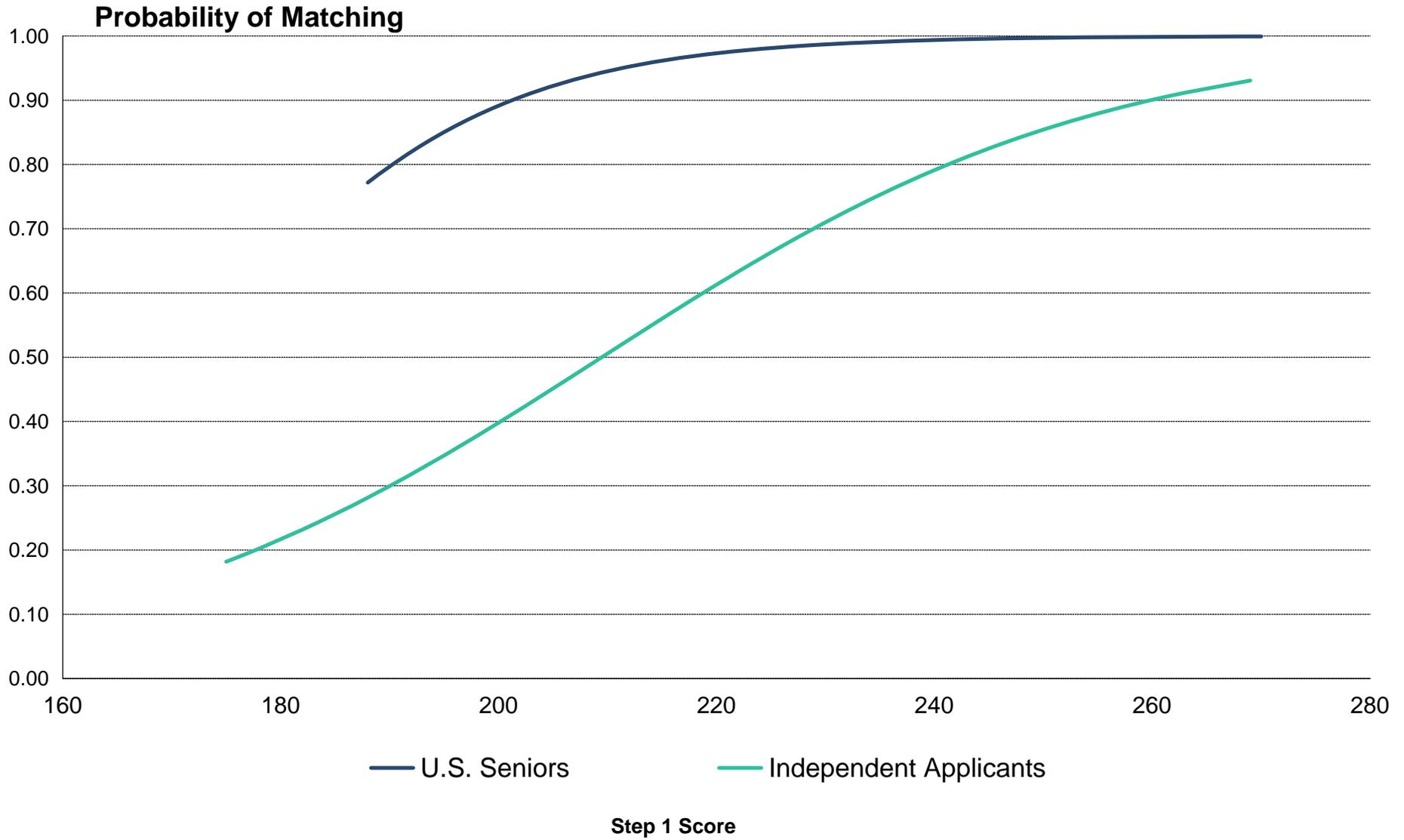
**USMLE Step 1 Scores
Pediatrics**



Source: NRMP Data Warehouse

Probability of Matching to Preferred Specialty by USMLE Step 1 Score

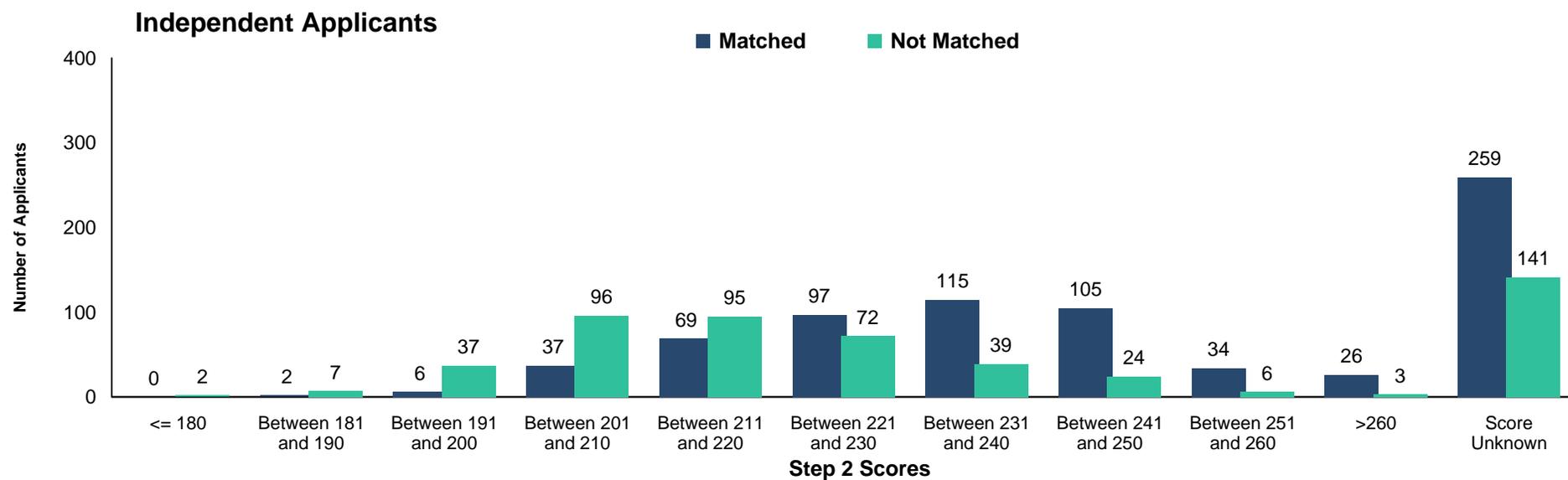
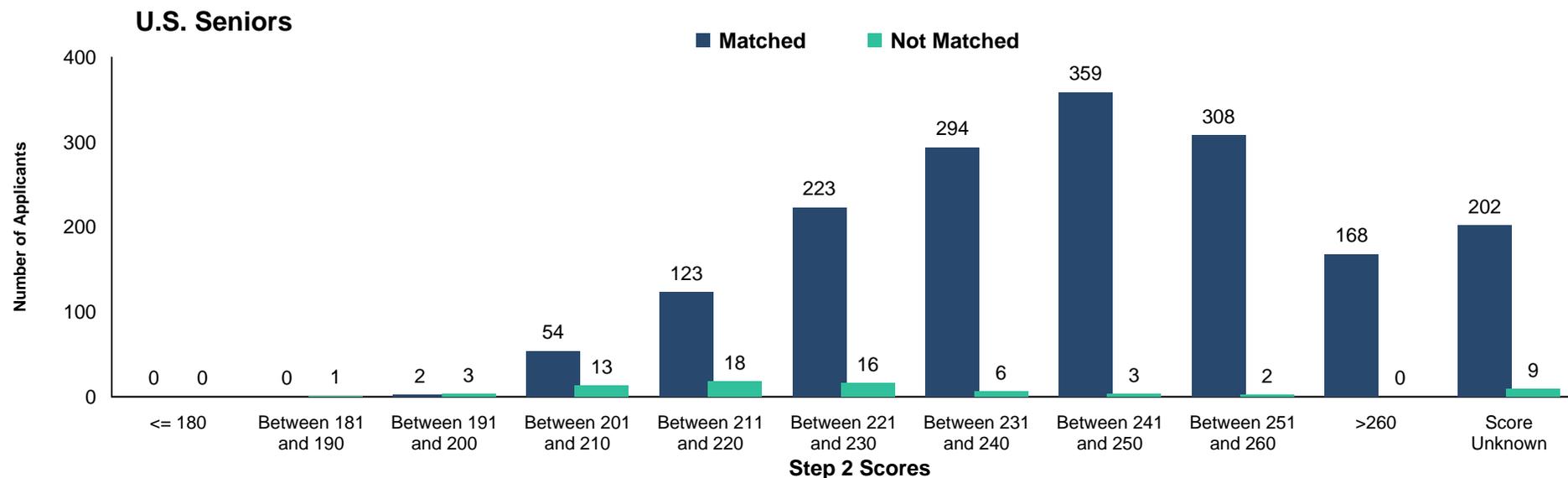
Pediatrics



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2014 applicants only.

**Chart
PD-4**

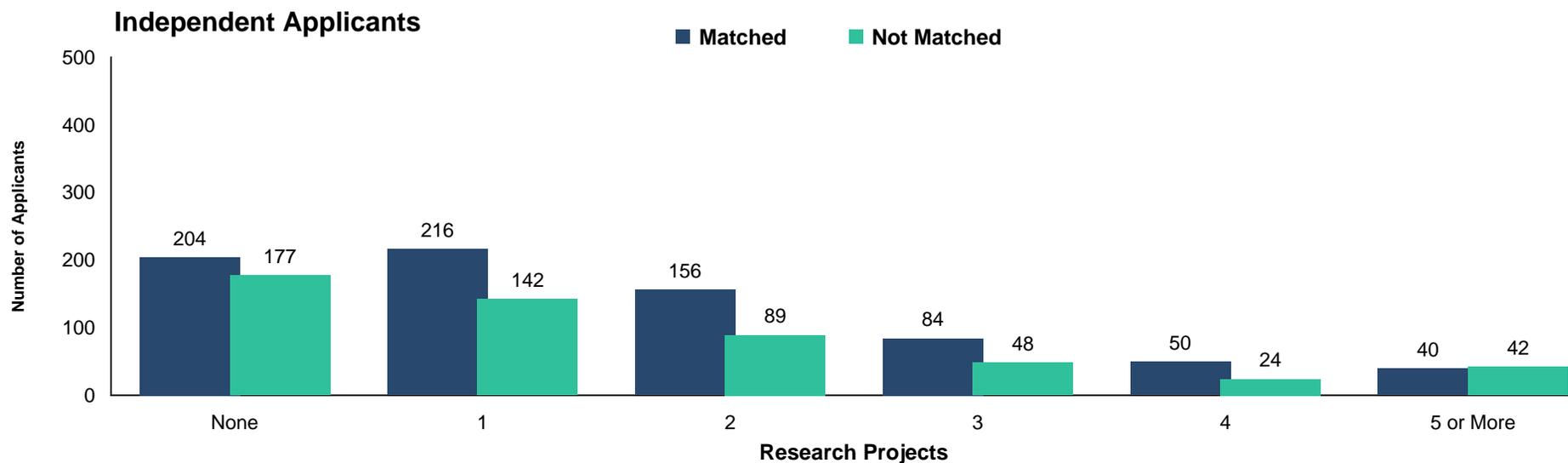
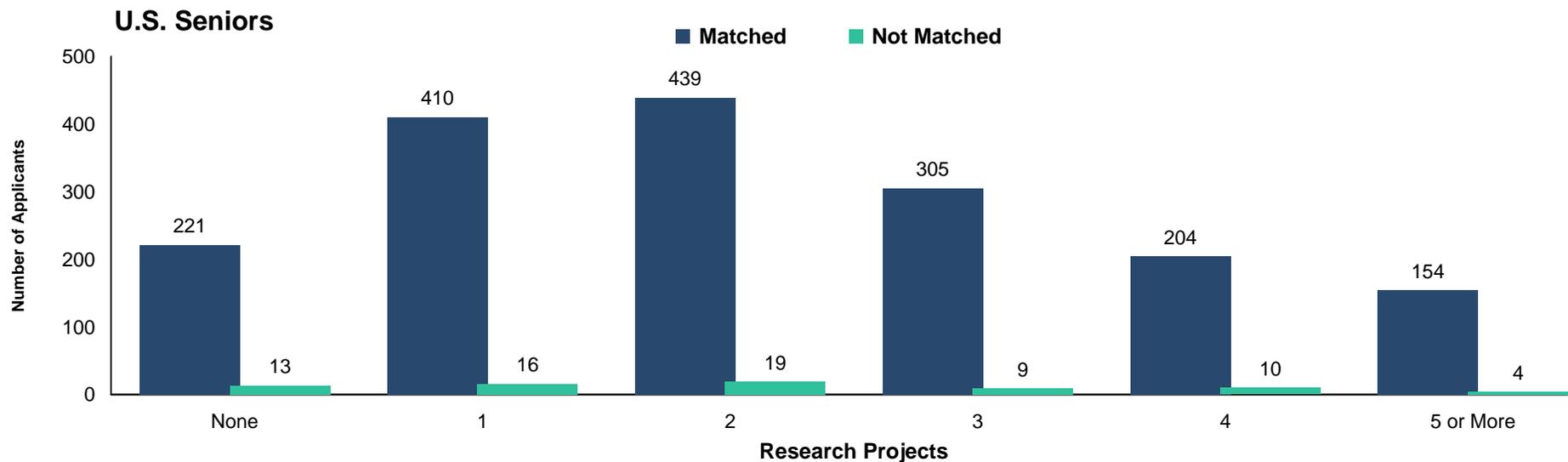
**USMLE Step 2 Scores
Pediatrics**



Source: NRMP Data Warehouse

**Chart
PD-5**

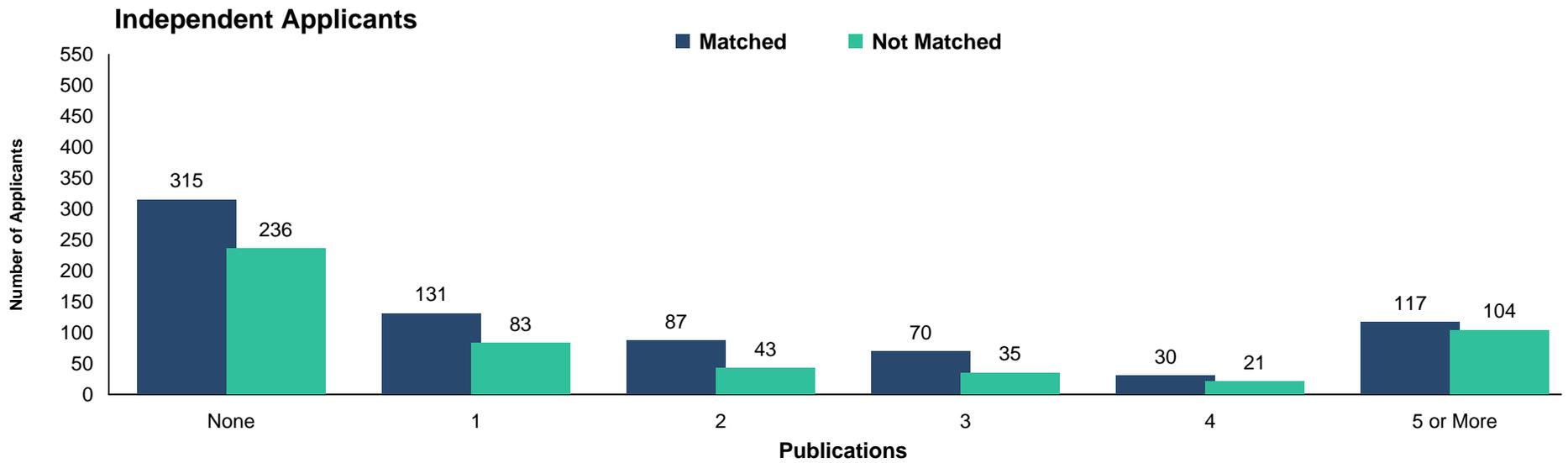
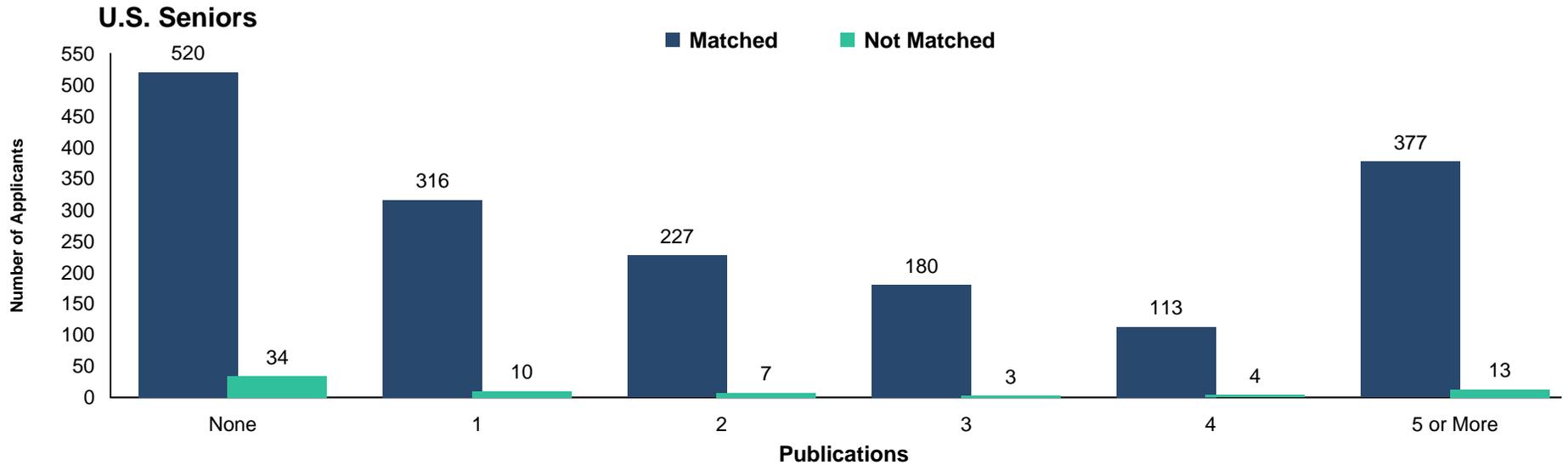
**Number of Research Projects
Pediatrics**



Source: NRMP Data Warehouse

**Chart
PD-6**

**Number of Abstracts, Presentations, and Publications
Pediatrics**

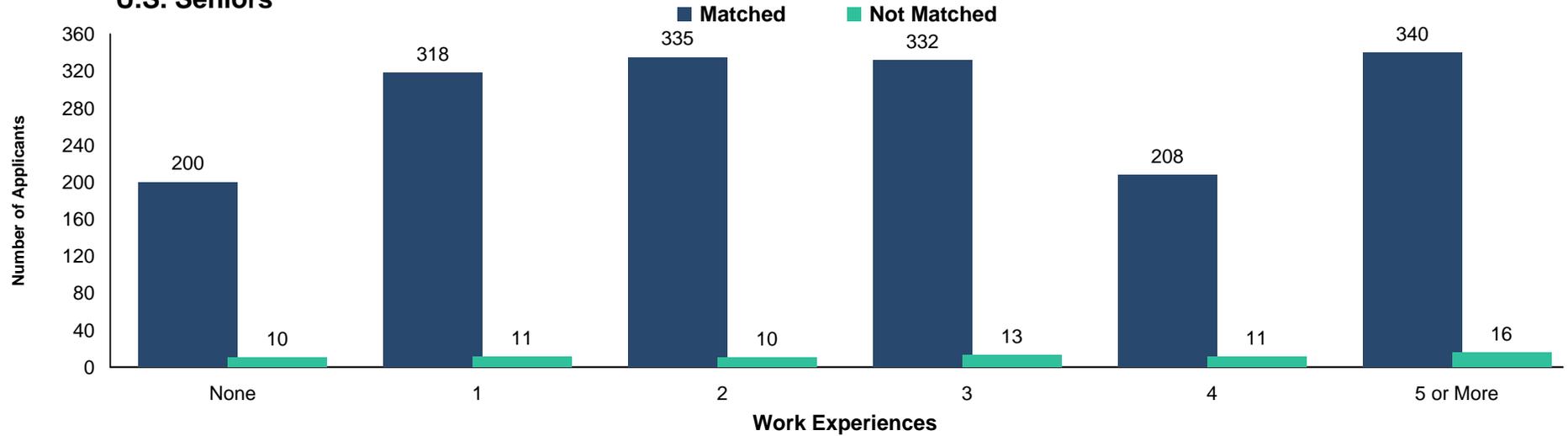


Source: NRMP Data Warehouse

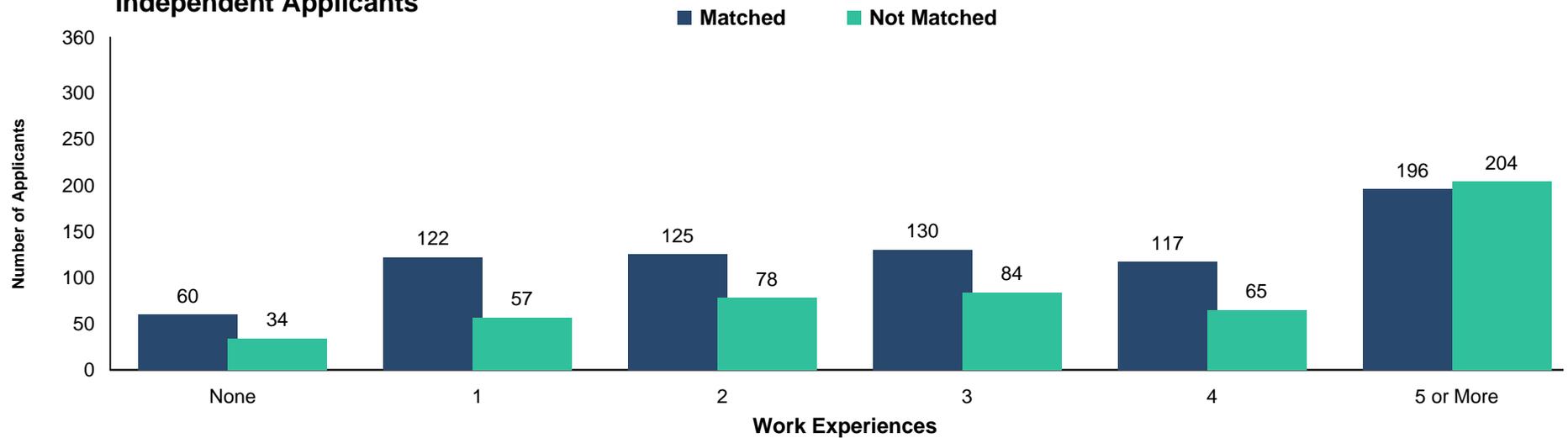
**Chart
PD-7**

**Number of Work Experiences
Pediatrics**

U.S. Seniors



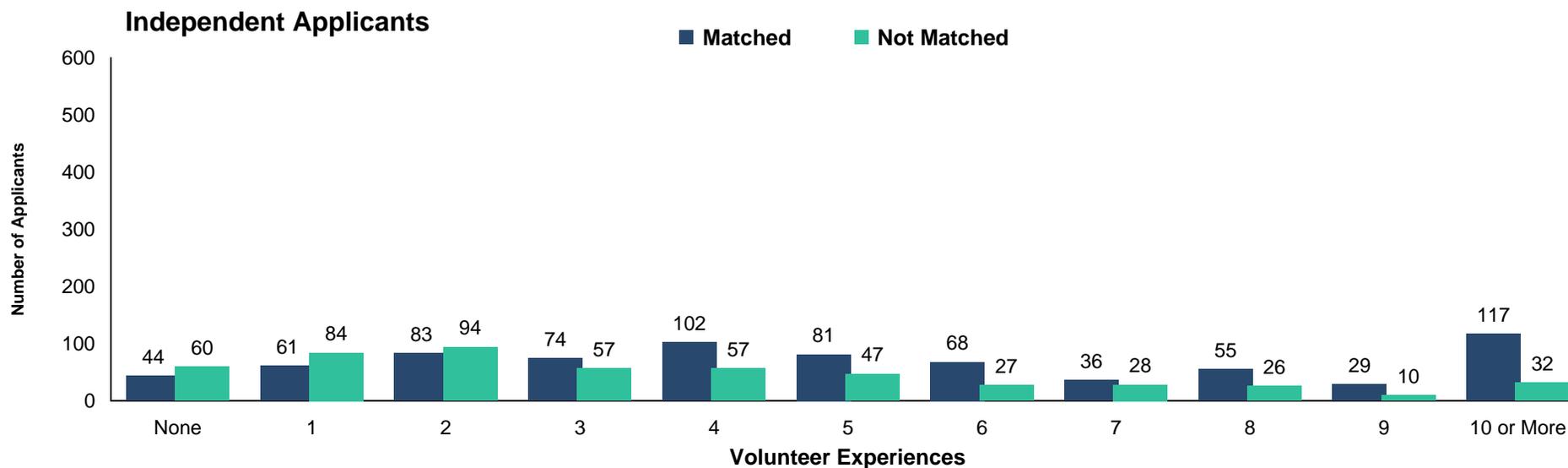
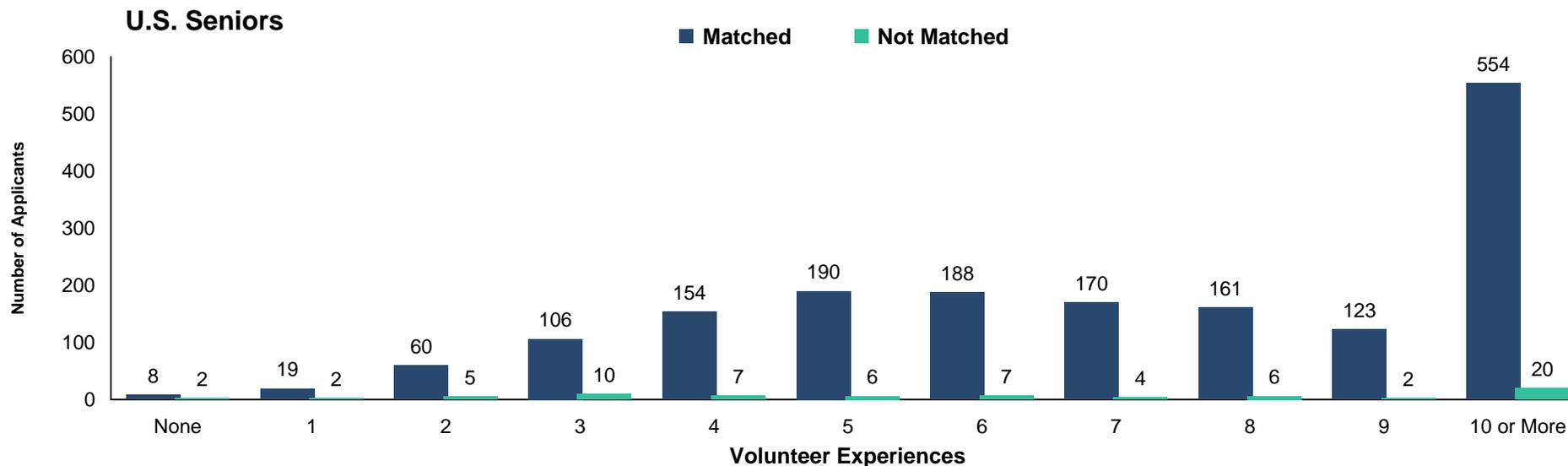
Independent Applicants



Source: NRMP Data Warehouse

**Chart
PD-8**

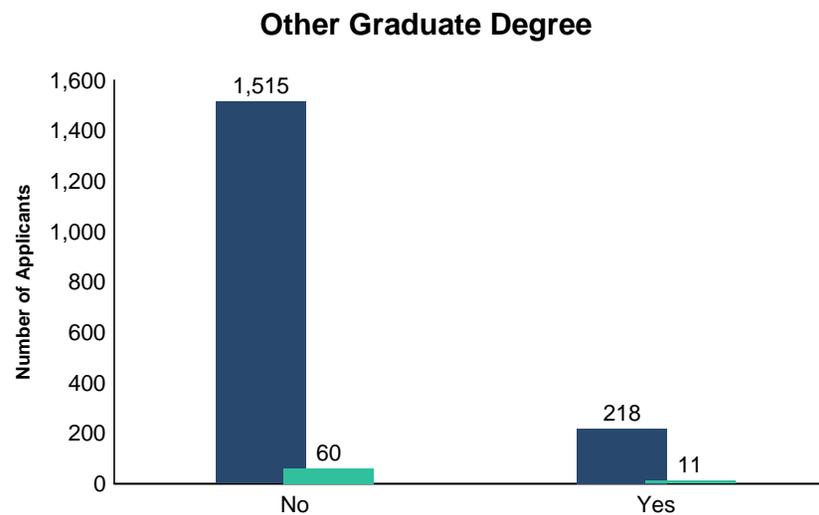
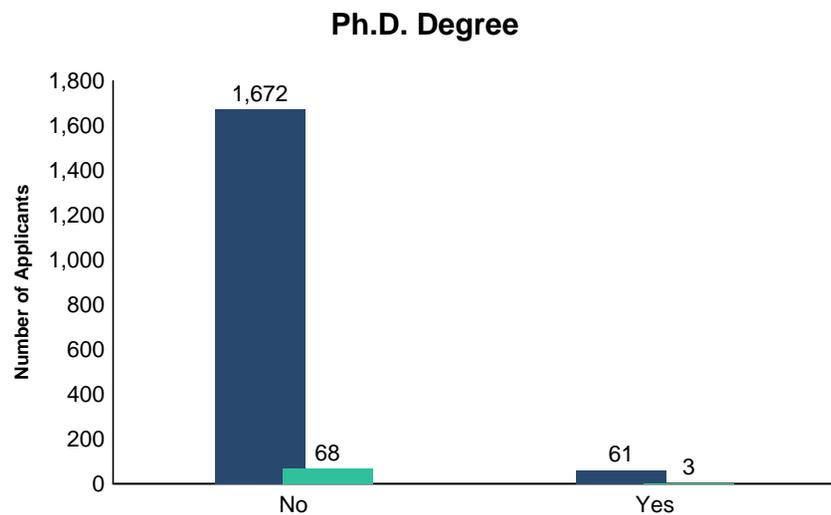
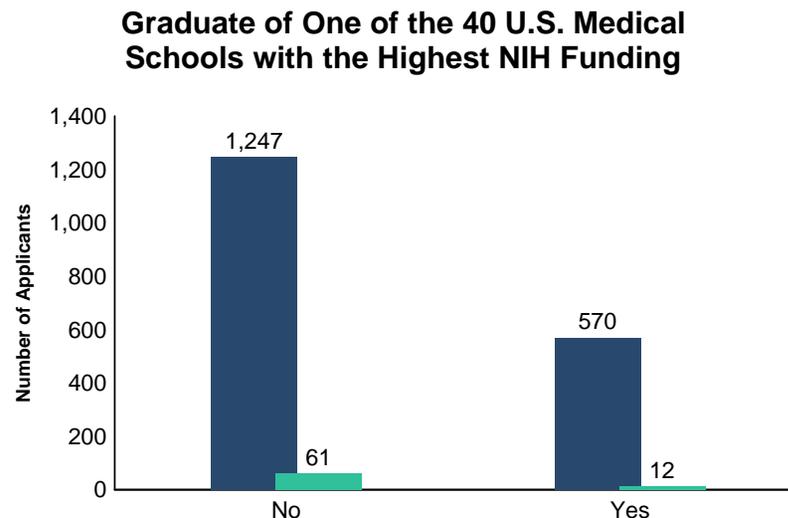
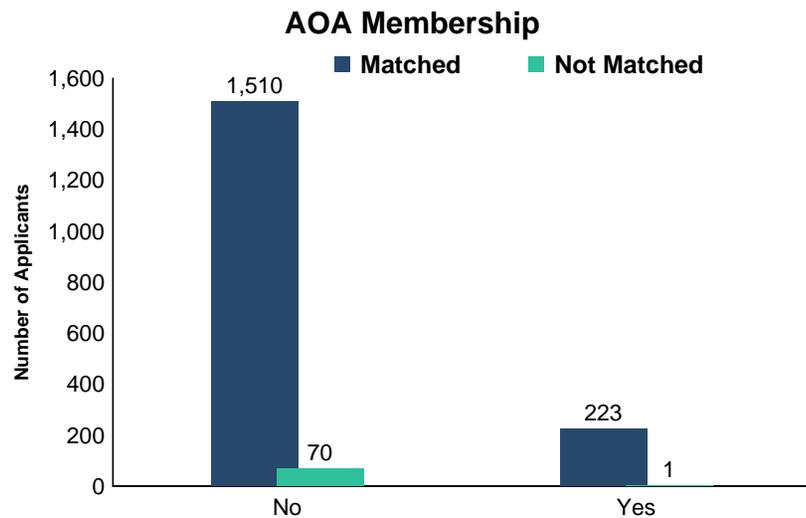
**Number of Volunteer Experiences
Pediatrics**



Source: NRMP Data Warehouse

**Chart
PD-9**

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



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

PM Physical Medicine and Rehabilitation

Table PM-1 **Summary Statistics**
Physical Medicine and Rehabilitation

Measure	U.S. Seniors		Independent Applicants	
	Matched (n=205)	Unmatched (n=26)	Matched (n=180)	Unmatched (n=158)
1. Mean number of contiguous ranks	12.7	8.0	8.7	3.7
2. Mean number of distinct specialties ranked	1.6	1.7	1.4	1.5
3. Mean USMLE Step 1 score	220	211	222	213
4. Mean USMLE Step 2 score	234	220	230	218
5. Mean number of research experiences	2.7	2.1	1.7	1.9
6. Mean number of abstracts, presentations, and publications	3.3	1.8	2.4	2.6
7. Mean number of work experiences	2.9	2.8	3.3	6.7
8. Mean number of volunteer experiences	7.1	7.4	5.9	4.7
9. Percentage who are AOA members	5.5	0.0	n/a	n/a
10. Percentage who graduated from one of the 40 U.S. medical schools with the highest NIH funding	26.3	26.9	n/a	n/a
11. Percentage who have Ph.D. degree	2.5	0.0	n/a	n/a
12. Percentage who have another graduate degree	15.6	11.5	n/a	n/a

n/a: The measure either does not apply to, applies to only a small percentage of, or no reliable data were available for independent applicants.

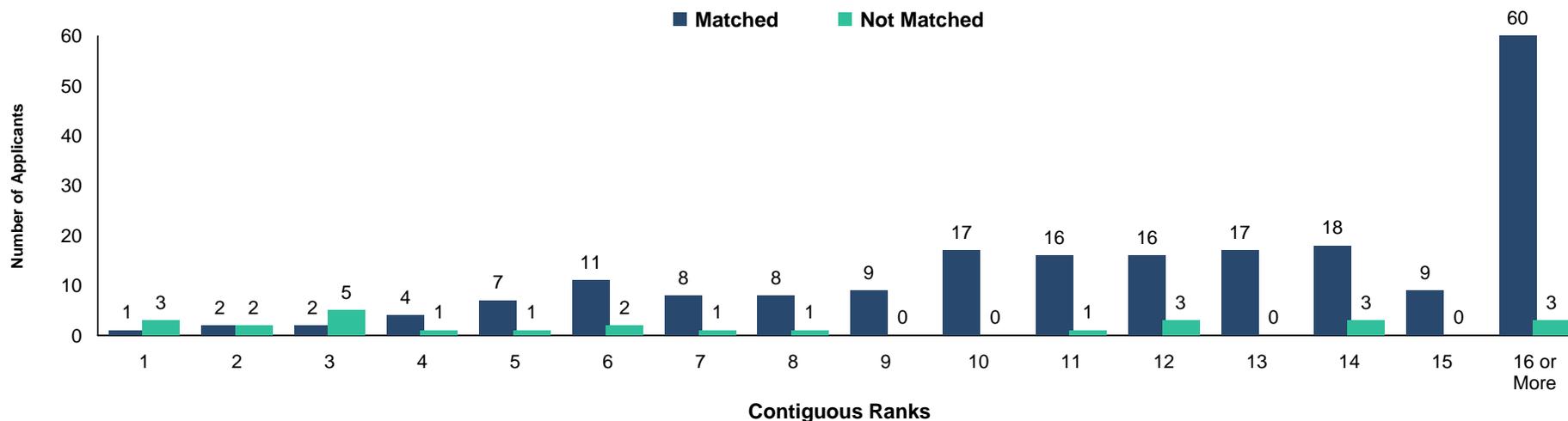
Sources. NRMP Data Warehouse; Top 40 U.S. medical schools with the highest NIH funding in measure 10 is from the NIH website (<http://report.nih.gov/award/index.cfm>).

Note: Measures 3-9 and 11-12 included only applicants who gave consent to use their information in research. USMLE Step scores are not available for most osteopathic medical school students and graduates included in the independent applicant group.

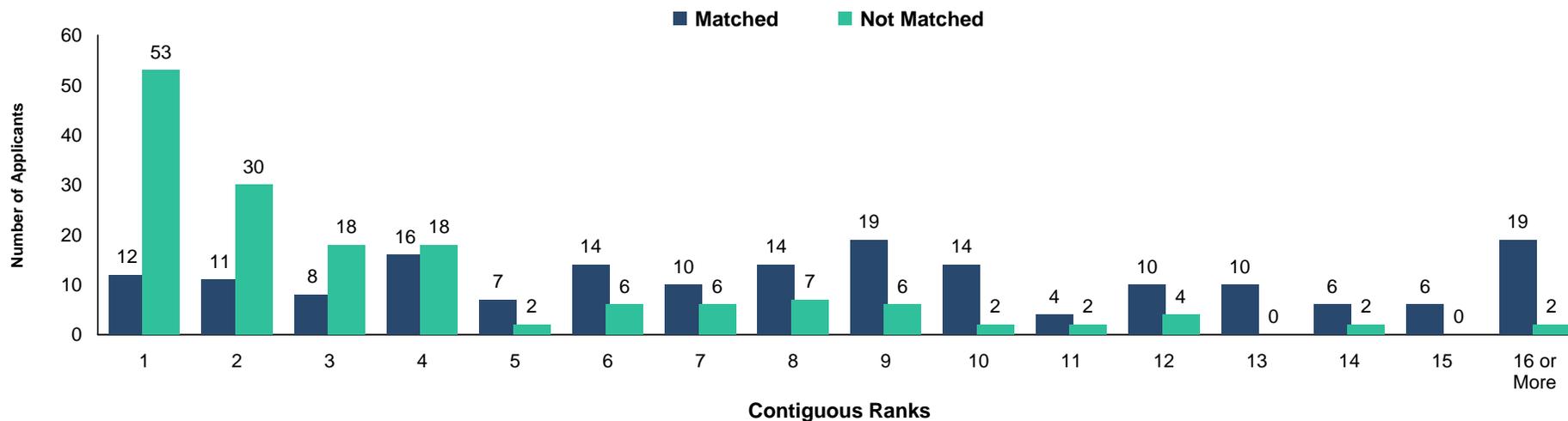
**Chart
PM-1**

**Number of Contiguous Ranks Within Preferred Specialty
Physical Medicine and Rehabilitation**

U.S. Seniors



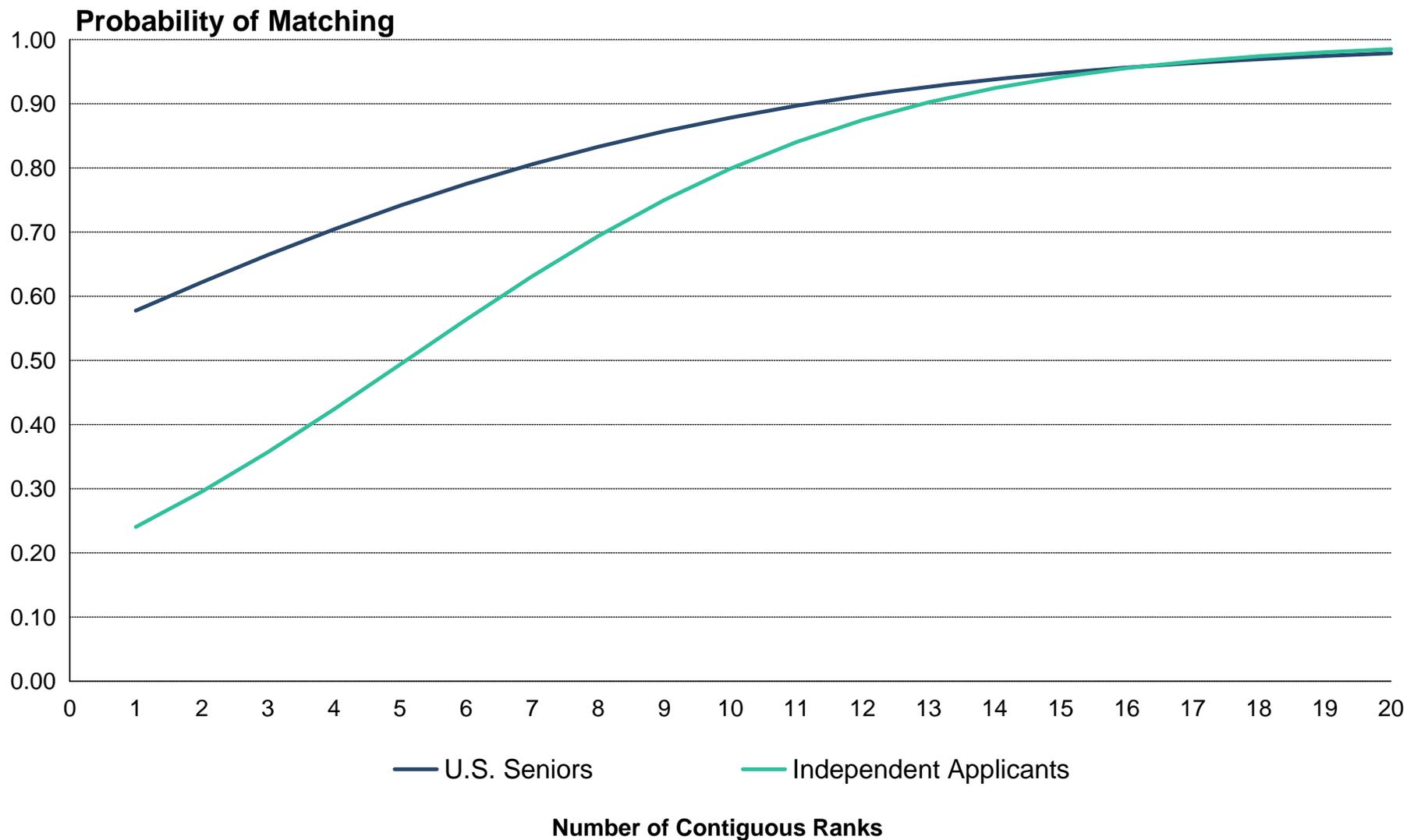
Independent Applicants



Source: NRMP Data Warehouse

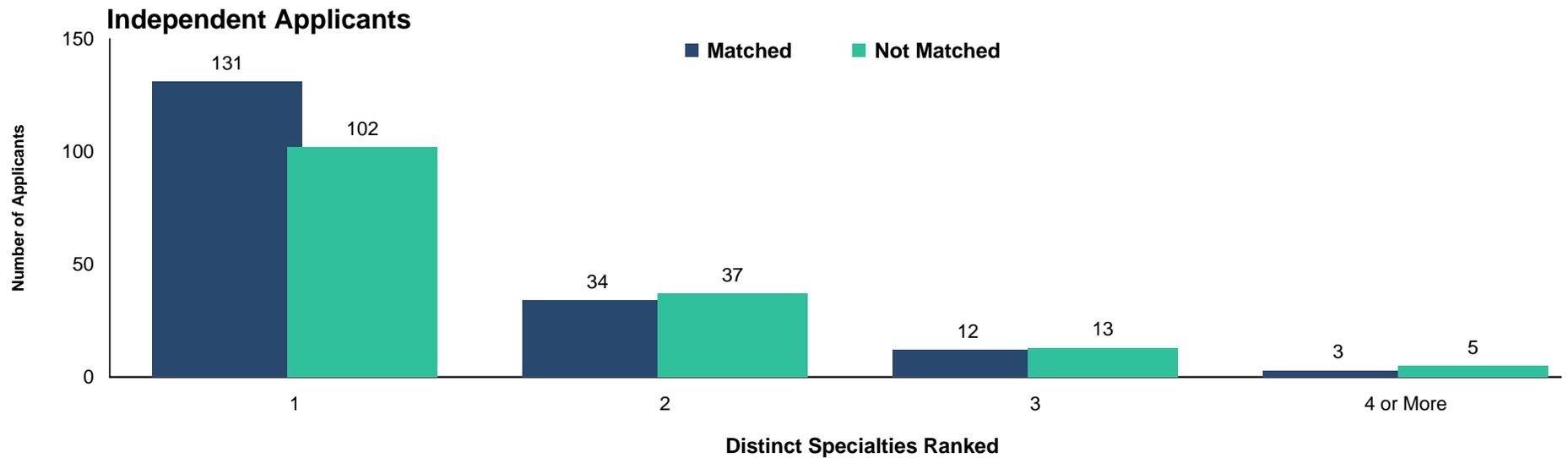
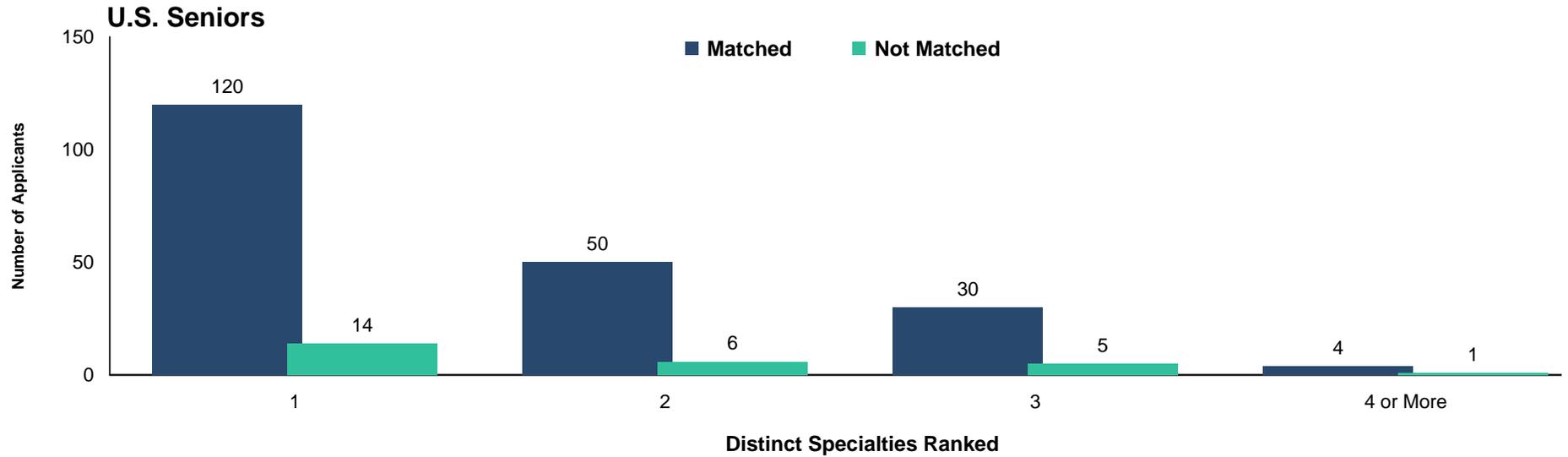
Probability of Matching to Preferred Specialty by Number of Contiguous Ranks

Physical Medicine and Rehabilitation



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2014 applicants only

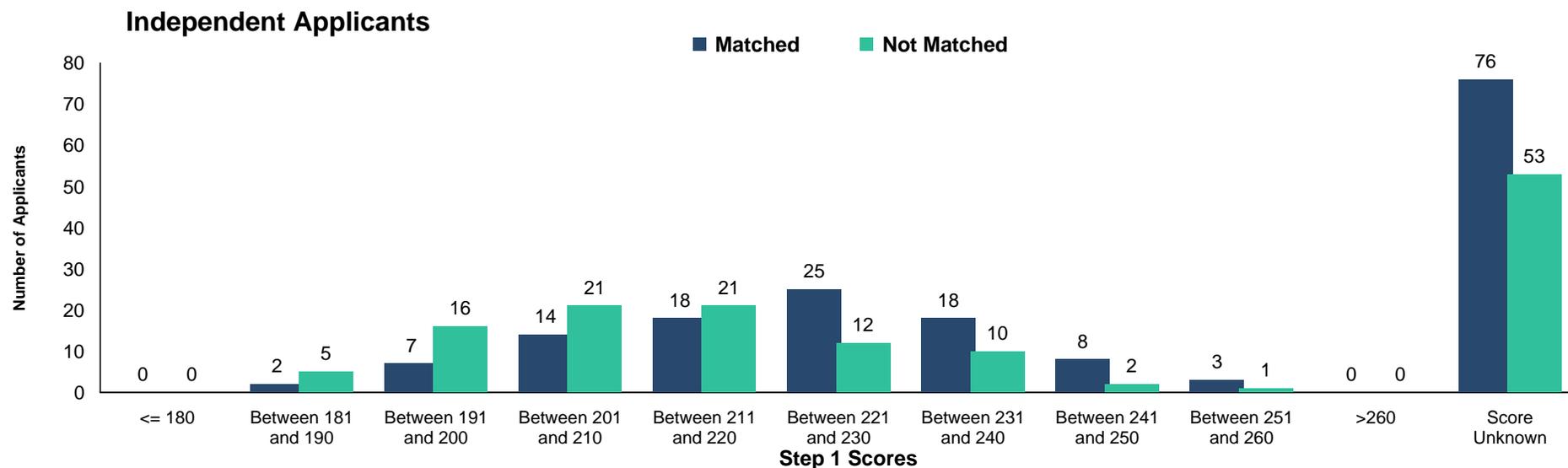
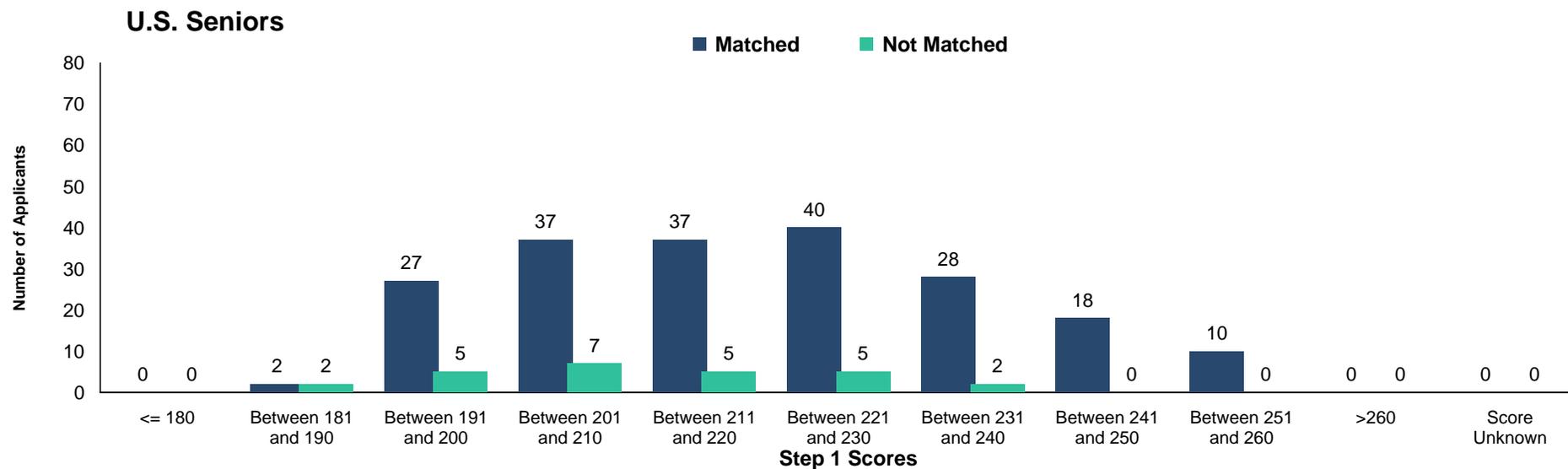
Number of Distinct Specialties Ranked
Physical Medicine and Rehabilitation



Source: NRMP Data Warehouse

**Chart
PM-3**

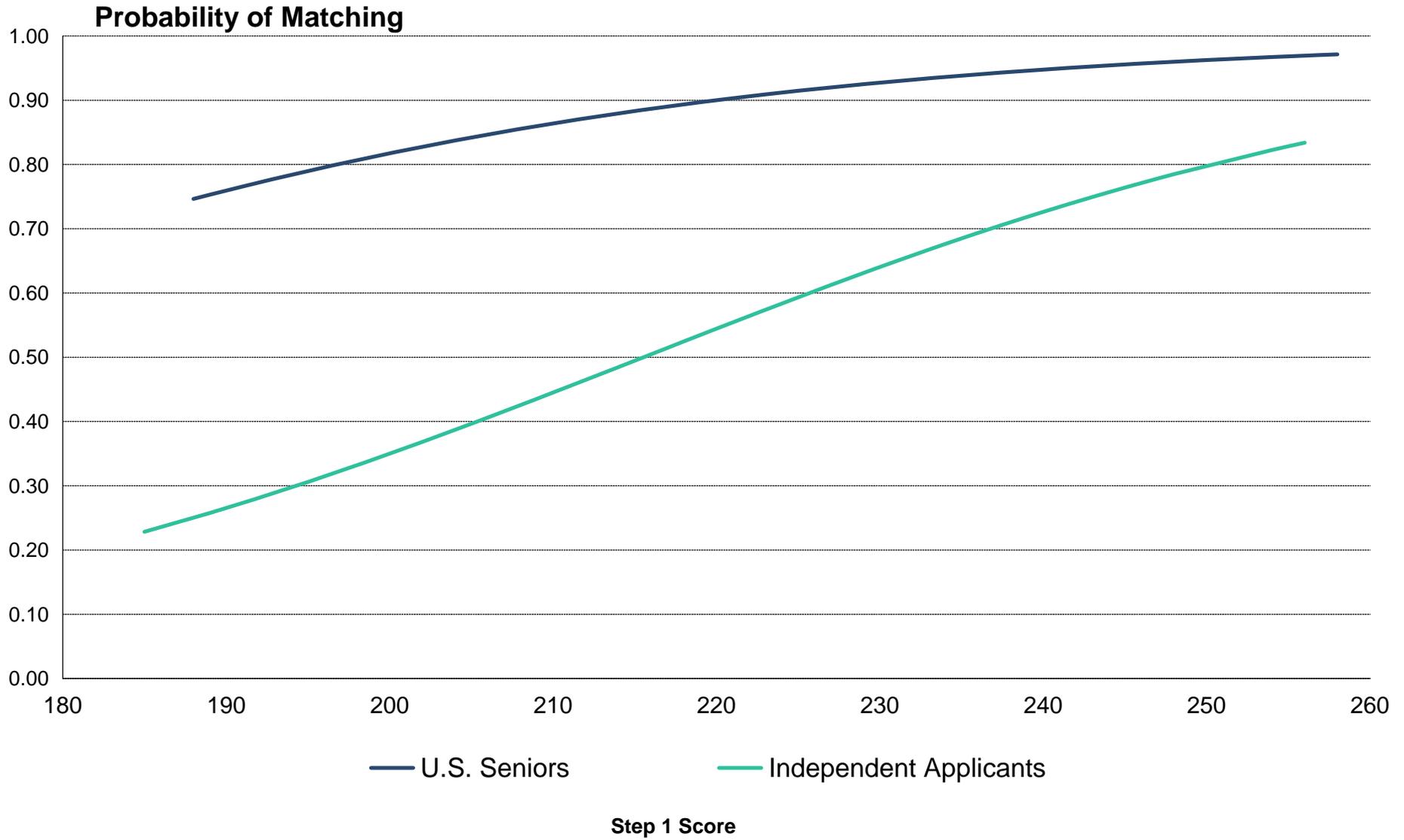
**USMLE Step 1 Scores
Physical Medicine and Rehabilitation**



Source: NRMP Data Warehouse

**Graph
PM-2**

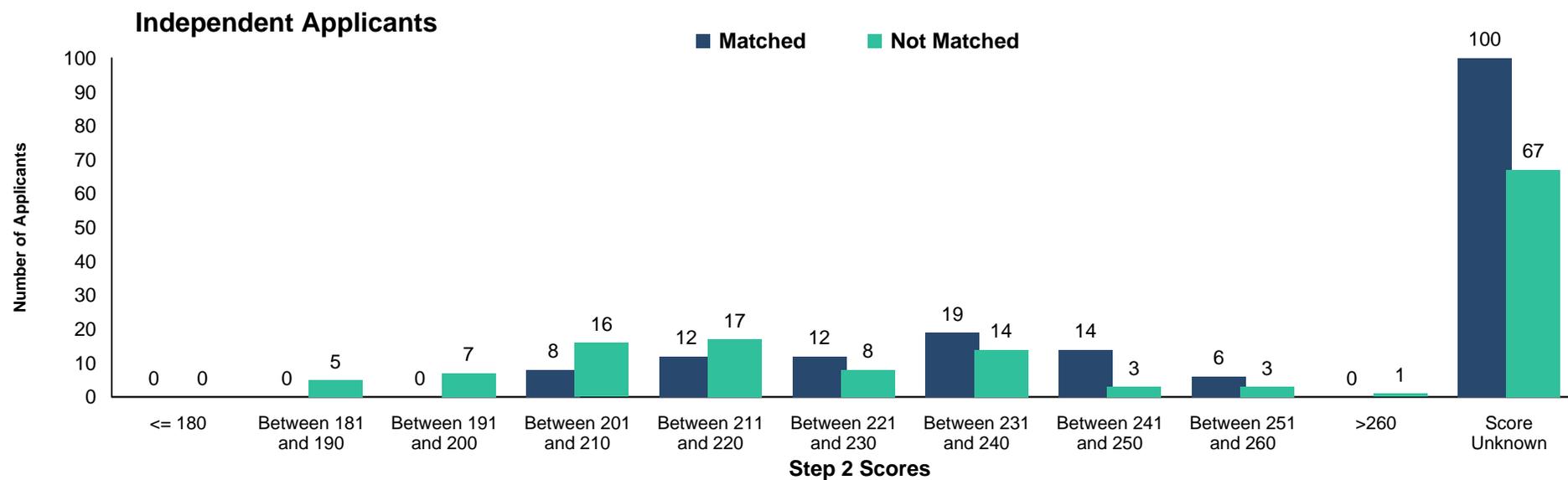
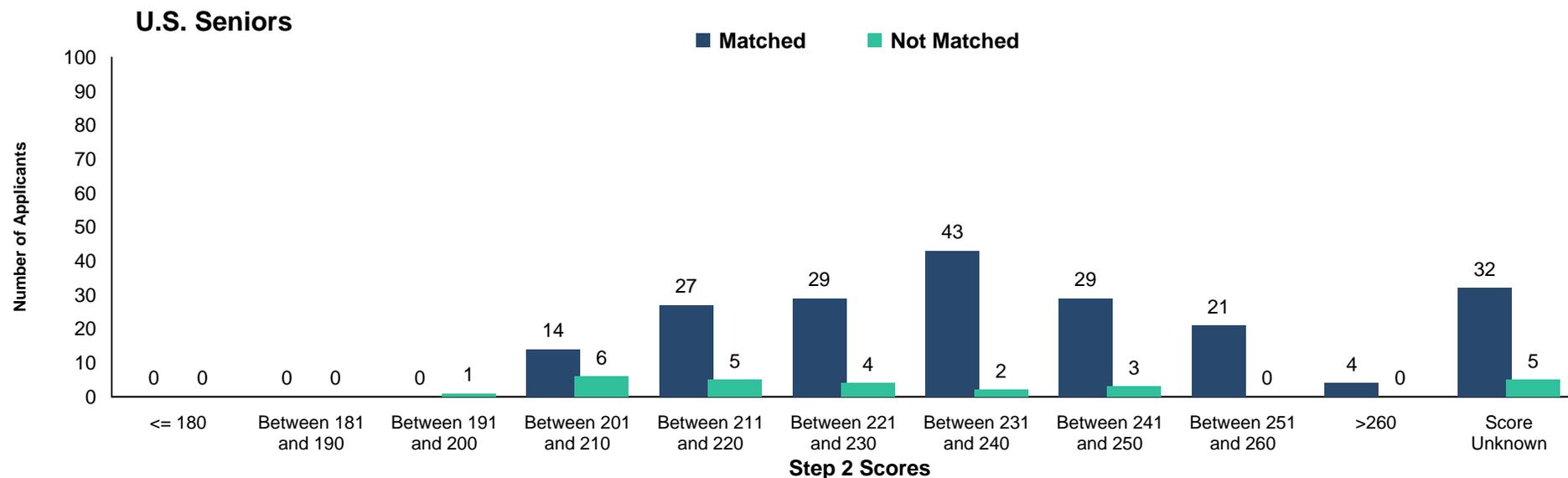
Probability of Matching to Preferred Specialty by USMLE Step 1 Score
Physical Medicine and Rehabilitation



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2014 applicants only.

**Chart
PM-4**

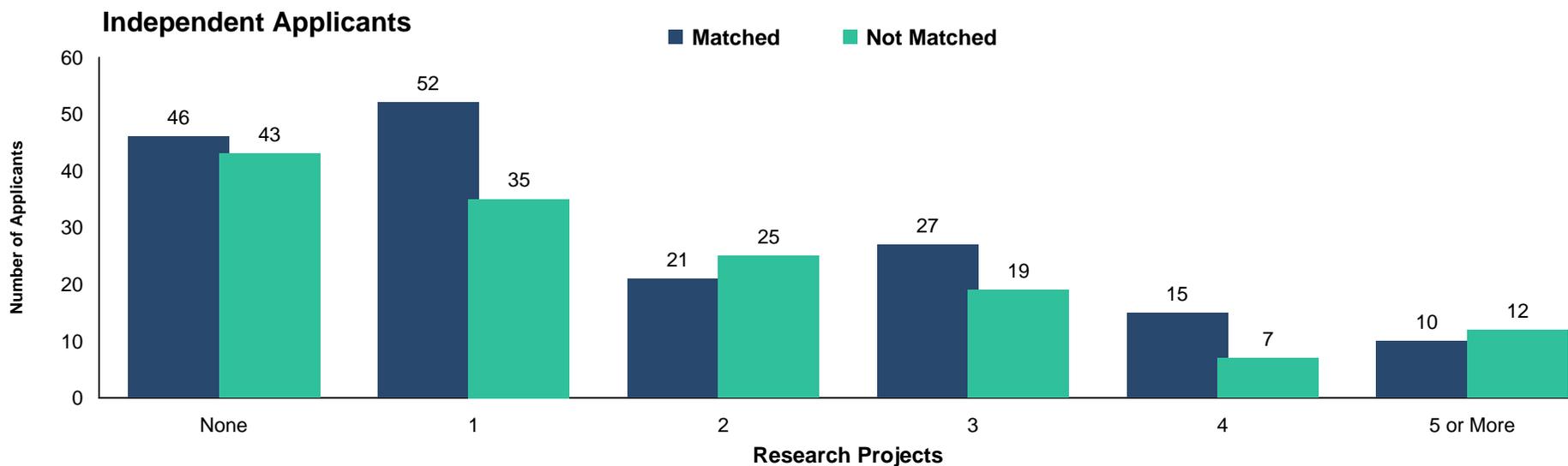
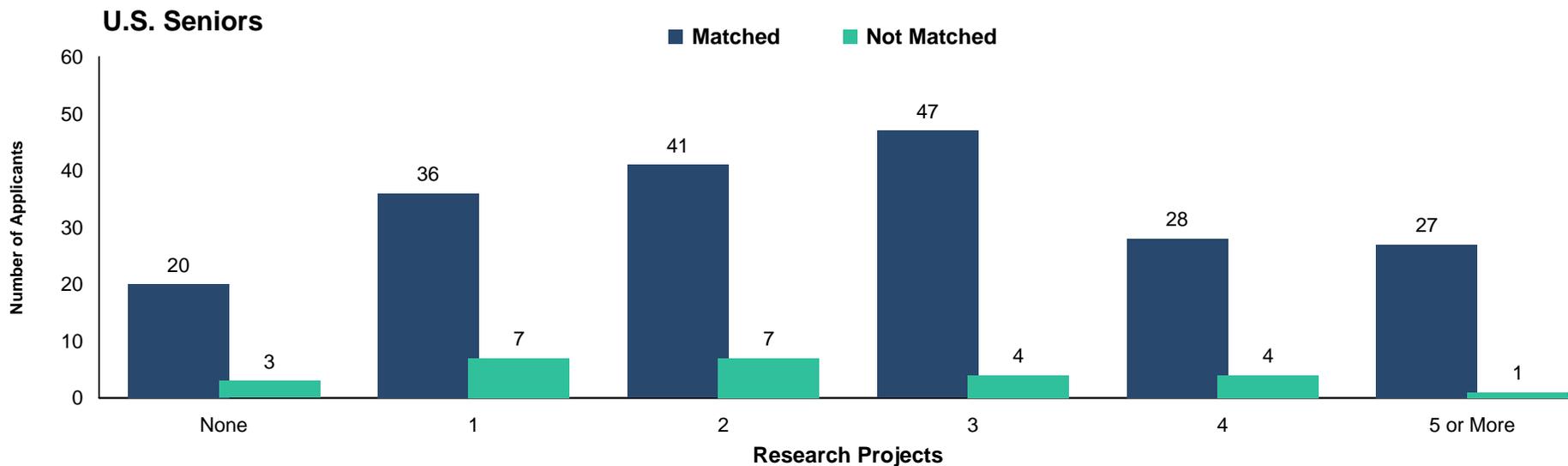
**USMLE Step 2 Scores
Physical Medicine and Rehabilitation**



Source: NRMP Data Warehouse

**Chart
PM-5**

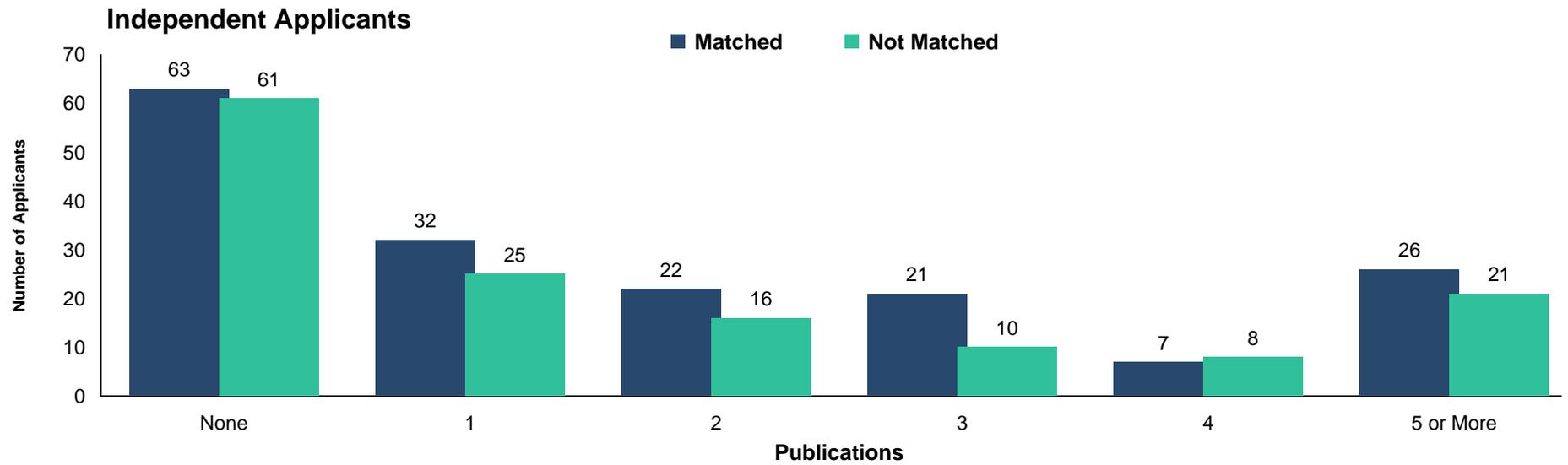
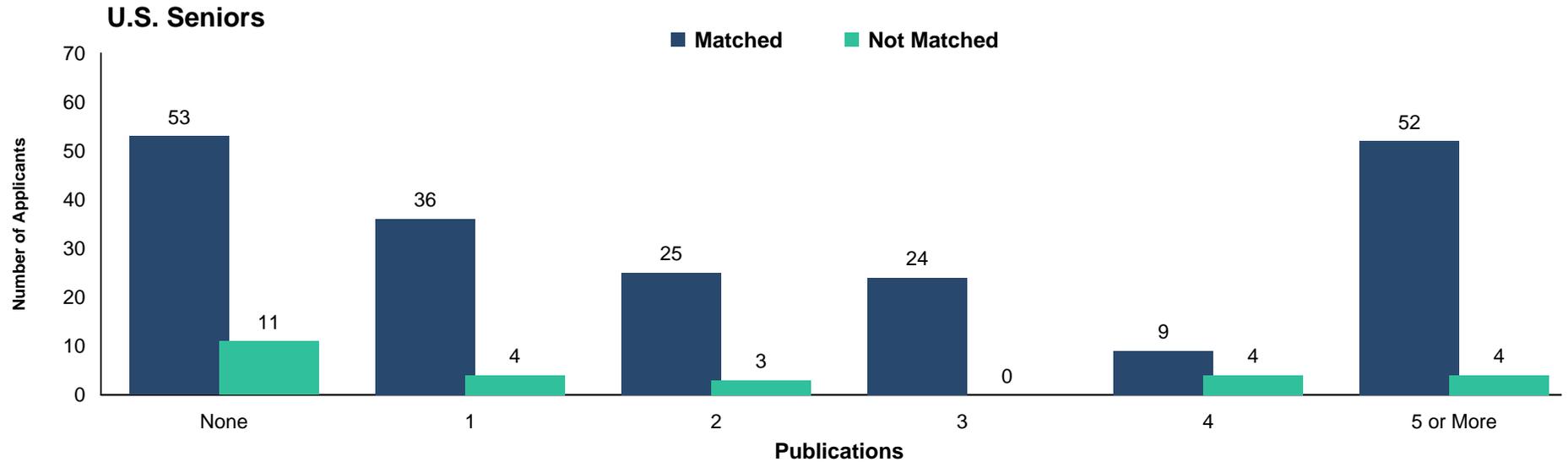
**Number of Research Projects
Physical Medicine and Rehabilitation**



Source: NRMP Data Warehouse

**Chart
PM-6**

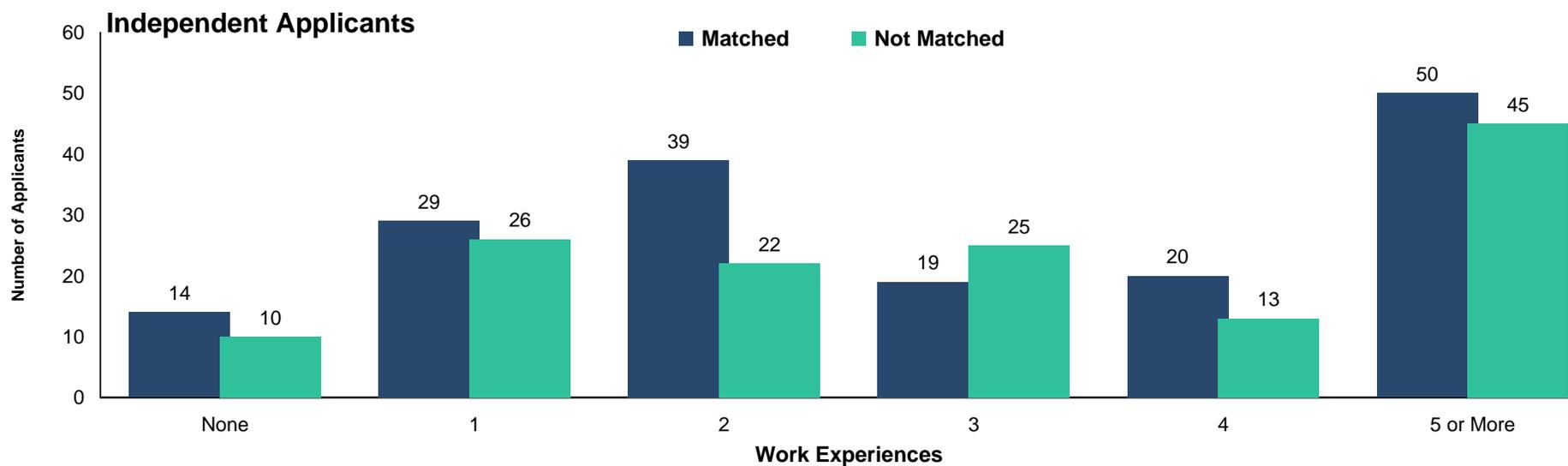
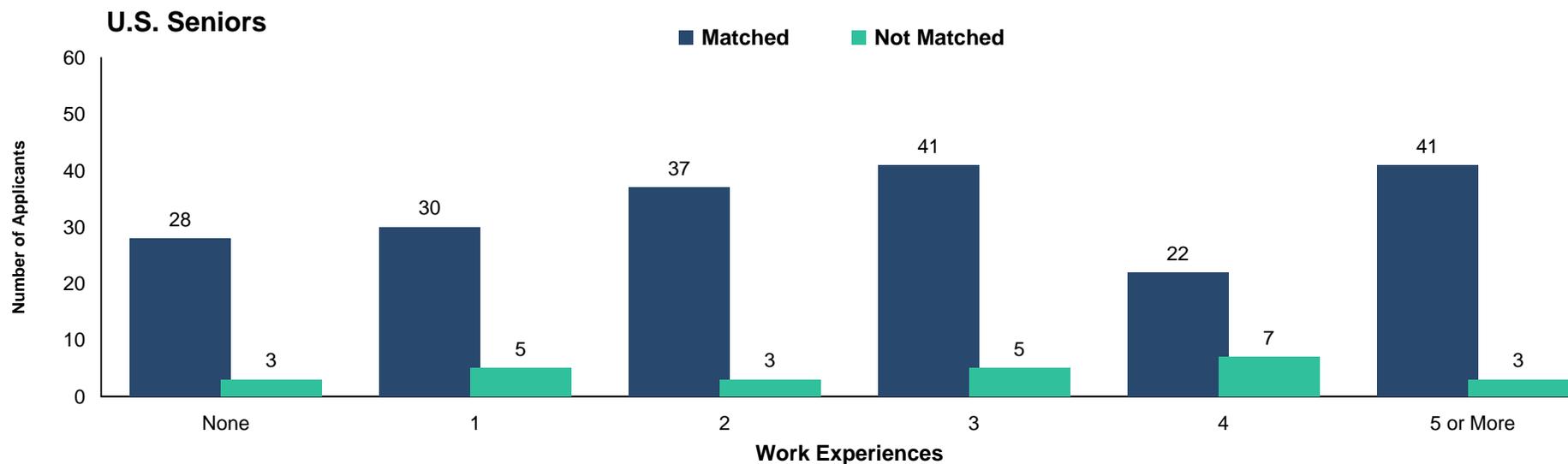
Number of Abstracts, Presentations, and Publications
Physical Medicine and Rehabilitation



Source: NRMP Data Warehouse

**Chart
PM-7**

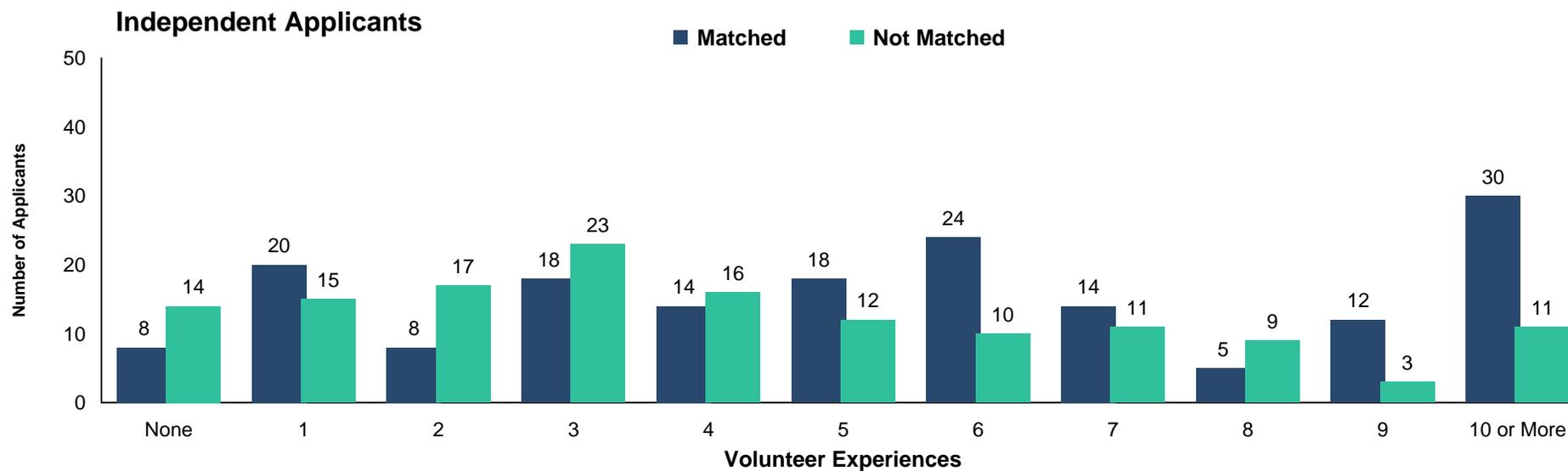
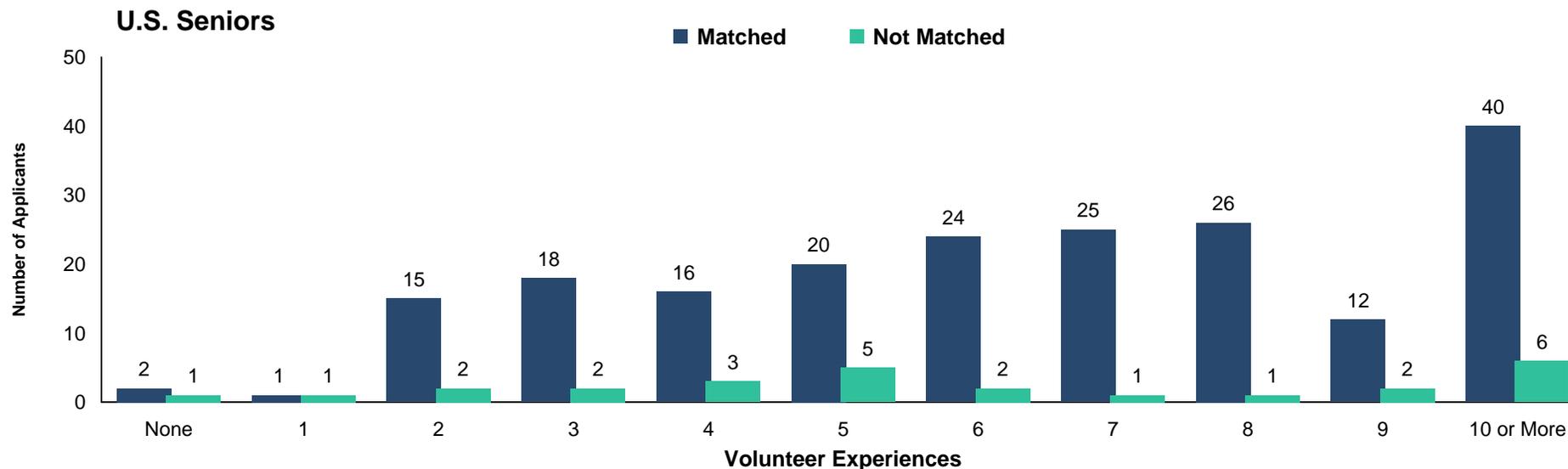
Number of Work Experiences
Physical Medicine and Rehabilitation



Source: NRMP Data Warehouse

**Chart
PM-8**

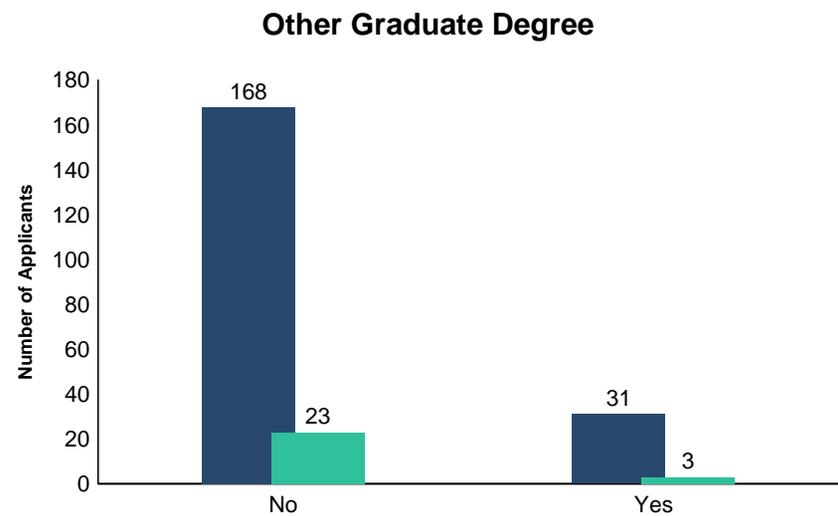
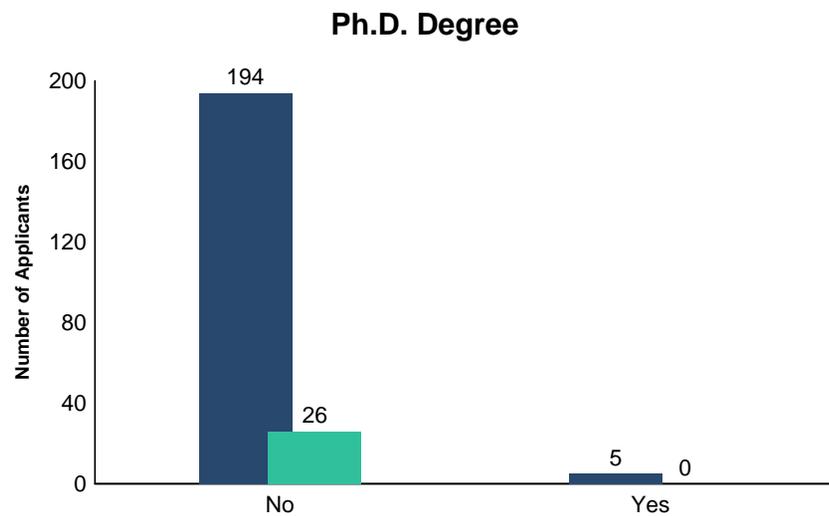
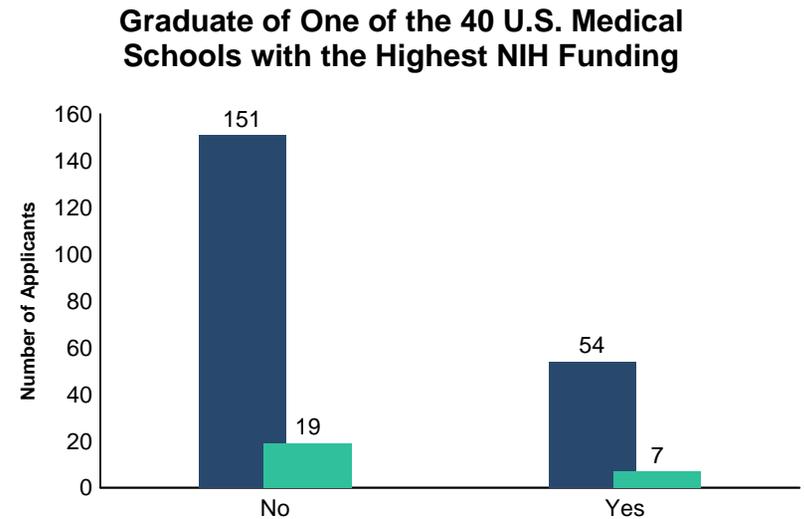
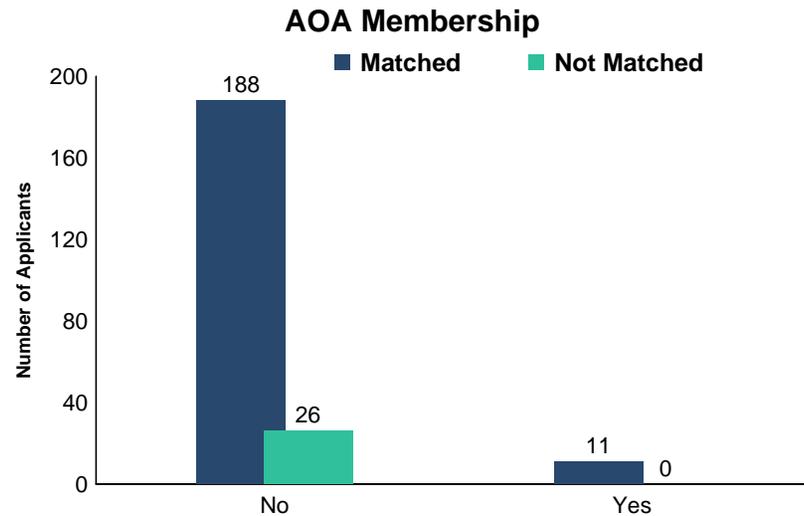
Number of Volunteer Experiences
Physical Medicine and Rehabilitation



Source: NRMP Data Warehouse

**Chart
PM-9**

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



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

PS Plastic Surgery

Table PS-1 **Summary Statistics**
Plastic Surgery

Measure	U.S. Seniors		Independent Applicants	
	Matched (n=126)	Unmatched (n=52)	Matched (n=10)	Unmatched (n=19)
1. Mean number of contiguous ranks	8.6	4.1	3.1	2.1
2. Mean number of distinct specialties ranked	1.9	1.9	1.4	2.1
3. Mean USMLE Step 1 score	245	236	224	232
4. Mean USMLE Step 2 score	252	241	235	239
5. Mean number of research experiences	4.8	4.3	4.2	2.5
6. Mean number of abstracts, presentations, and publications	12.5	6.4	25.8	17.4
7. Mean number of work experiences	3.2	3.4	4.4	3.0
8. Mean number of volunteer experiences	7.8	7.4	5.3	5.9
9. Percentage who are AOA members	39.0	14.6	n/a	n/a
10. Percentage who graduated from one of the 40 U.S. medical schools with the highest NIH funding	46.0	25.0	n/a	n/a
11. Percentage who have Ph.D. degree	4.2	2.1	n/a	n/a
12. Percentage who have another graduate degree	18.6	20.8	n/a	n/a

n/a: The measure either does not apply to, applies to only a small percentage of, or no reliable data were available for independent applicants.

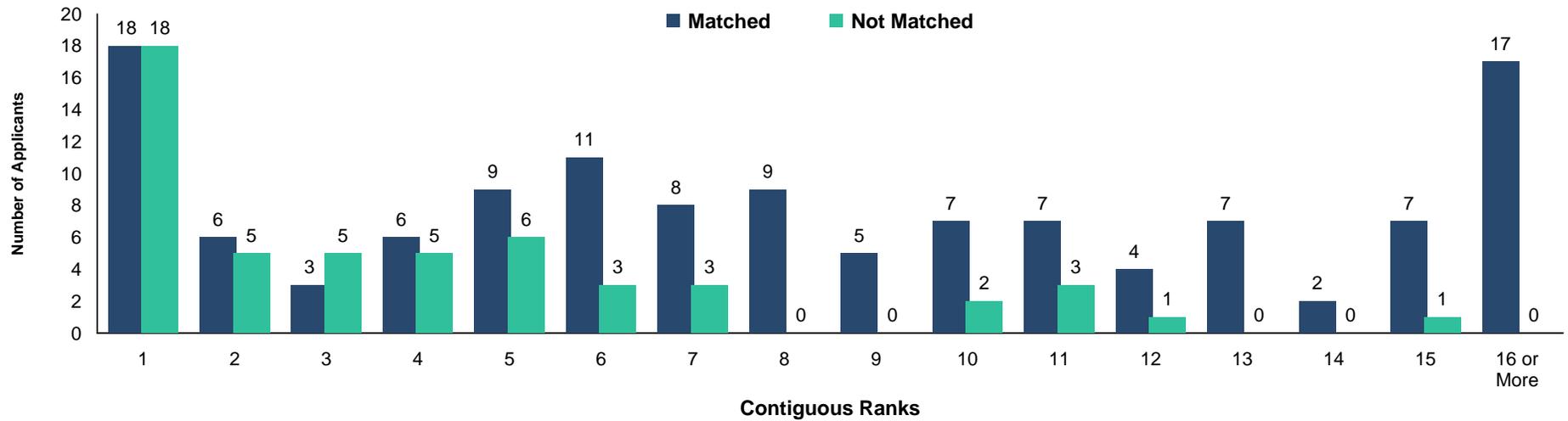
Sources. NRMP Data Warehouse; Top 40 U.S. medical schools with the highest NIH funding in measure 10 is from the NIH website (<http://report.nih.gov/award/index.cfm>).

Note: Measures 3-9 and 11-12 included only applicants who gave consent to use their information in research. USMLE Step scores are not available for most osteopathic medical school students and graduates included in the independent applicant group.

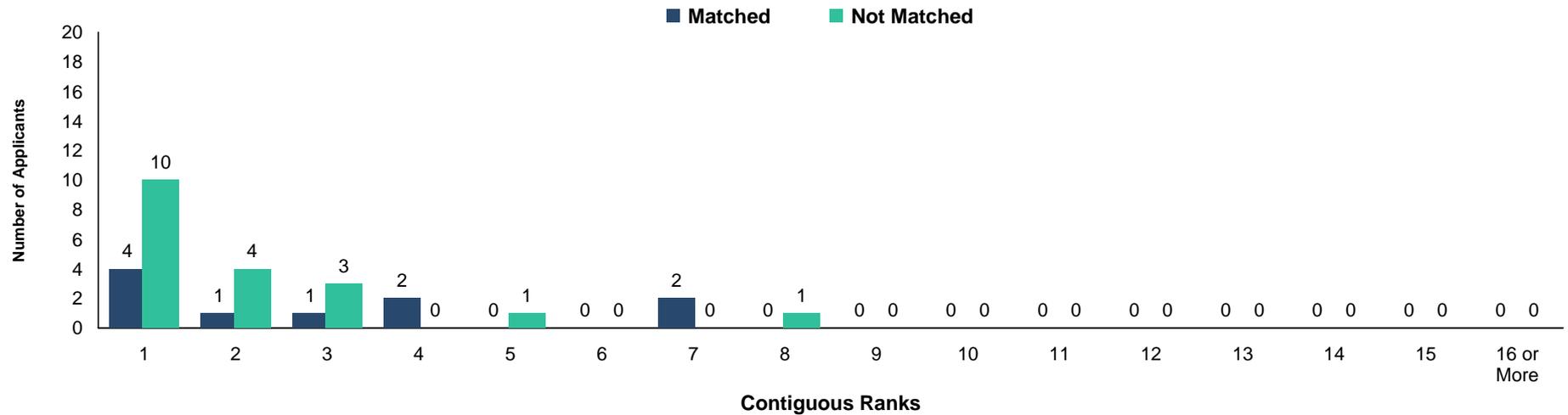
**Chart
PS-1**

**Number of Contiguous Ranks Within Preferred Specialty
Plastic Surgery**

U.S. Seniors



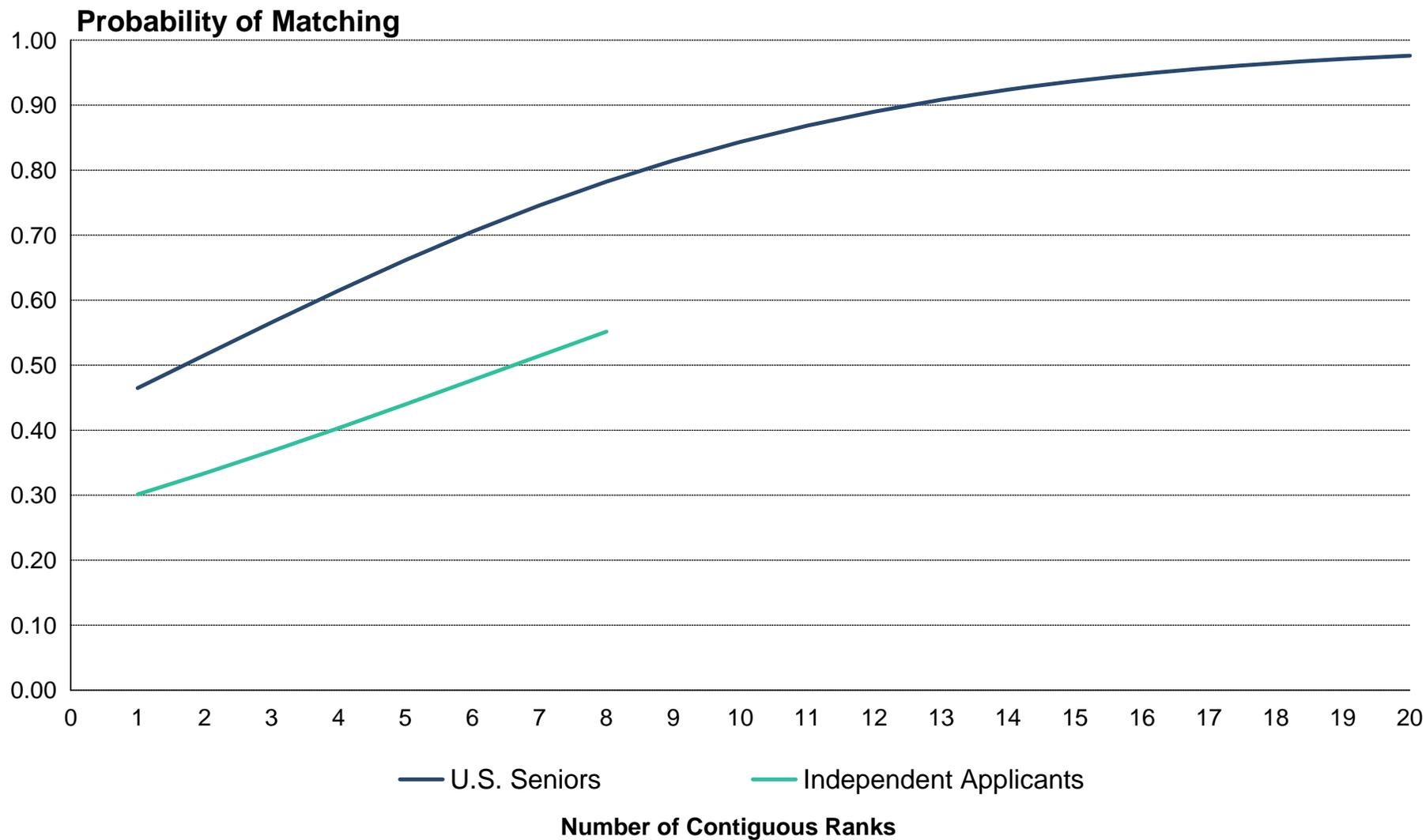
Independent Applicants



Source: NRMP Data Warehouse

Probability of Matching to Preferred Specialty by Number of Contiguous Ranks

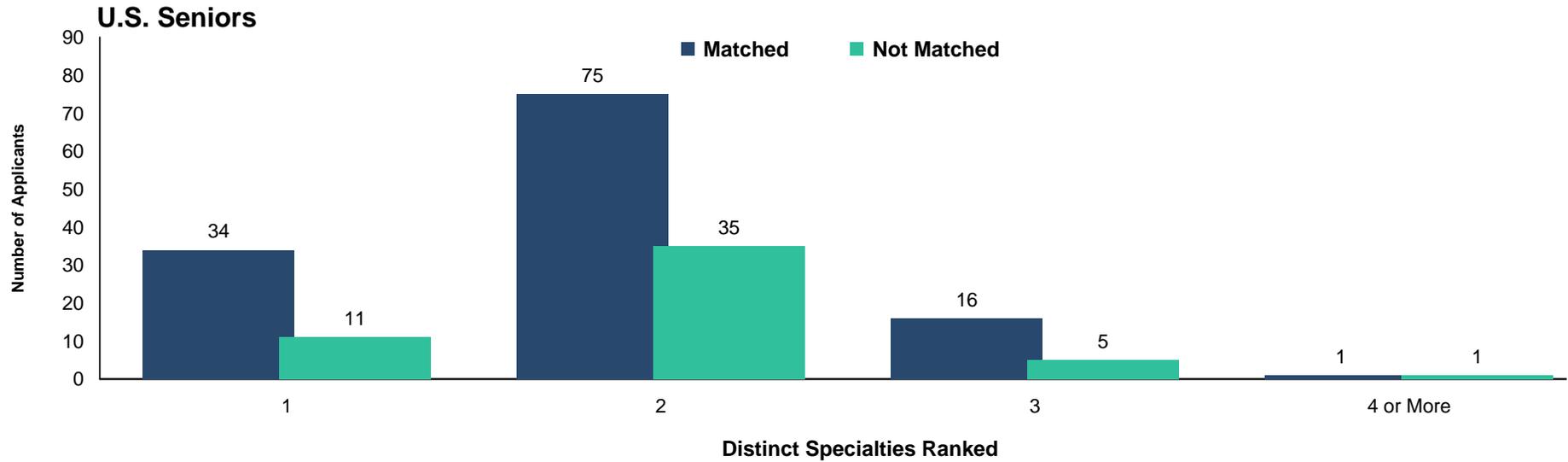
Plastic Surgery



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2014 applicants only

**Chart
PS-2**

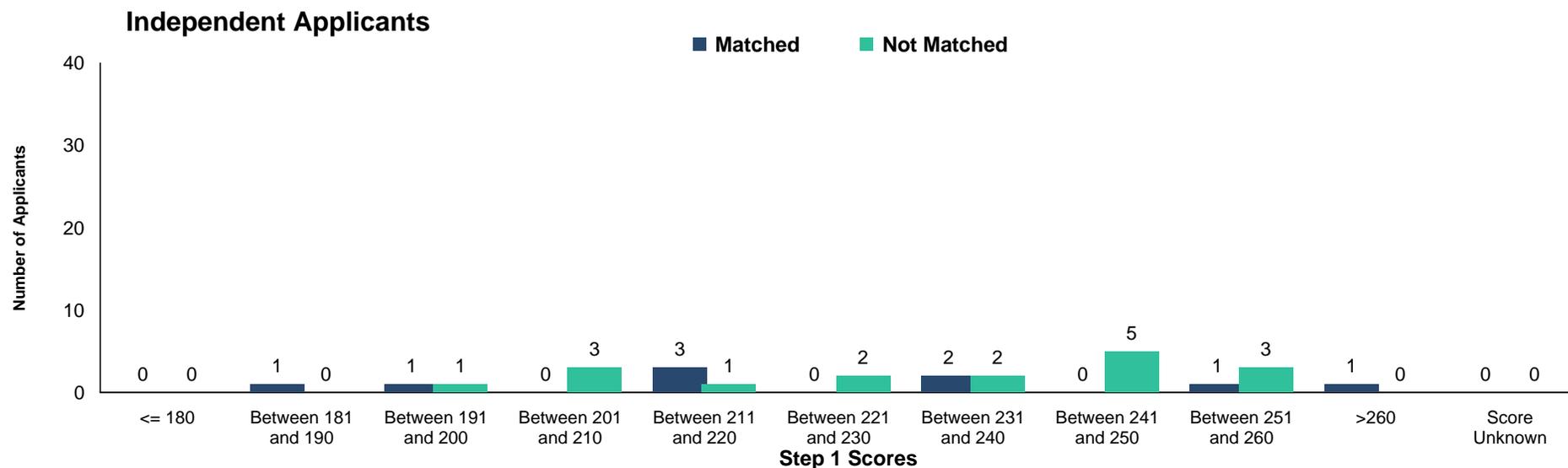
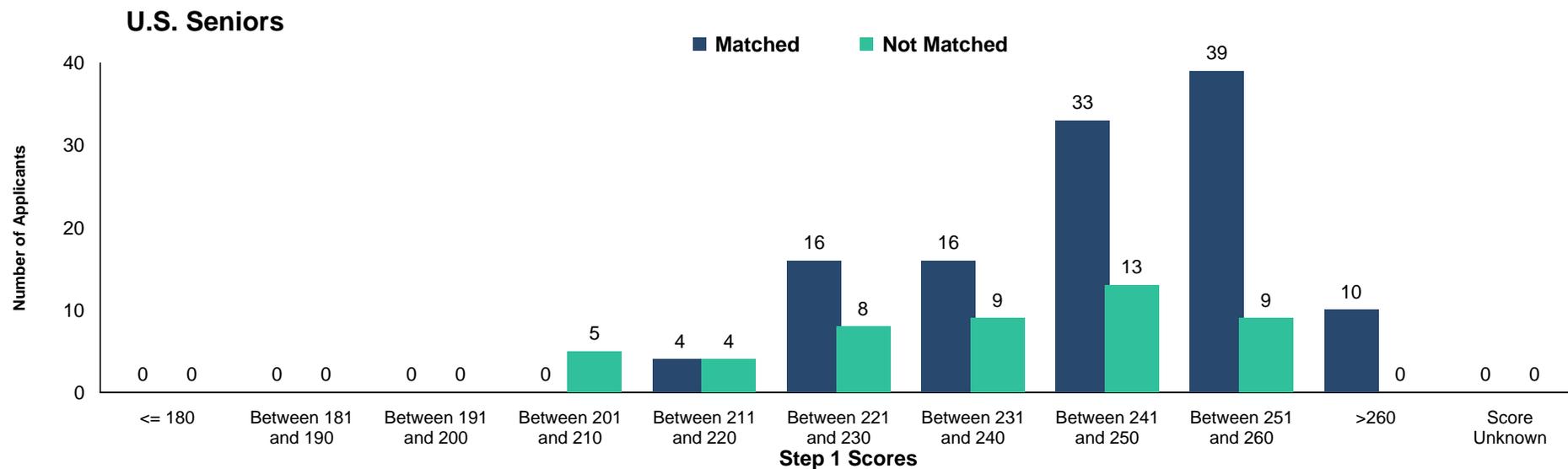
**Number of Distinct Specialties Ranked
Plastic Surgery**



Source: NRMP Data Warehouse

**Chart
PS-3**

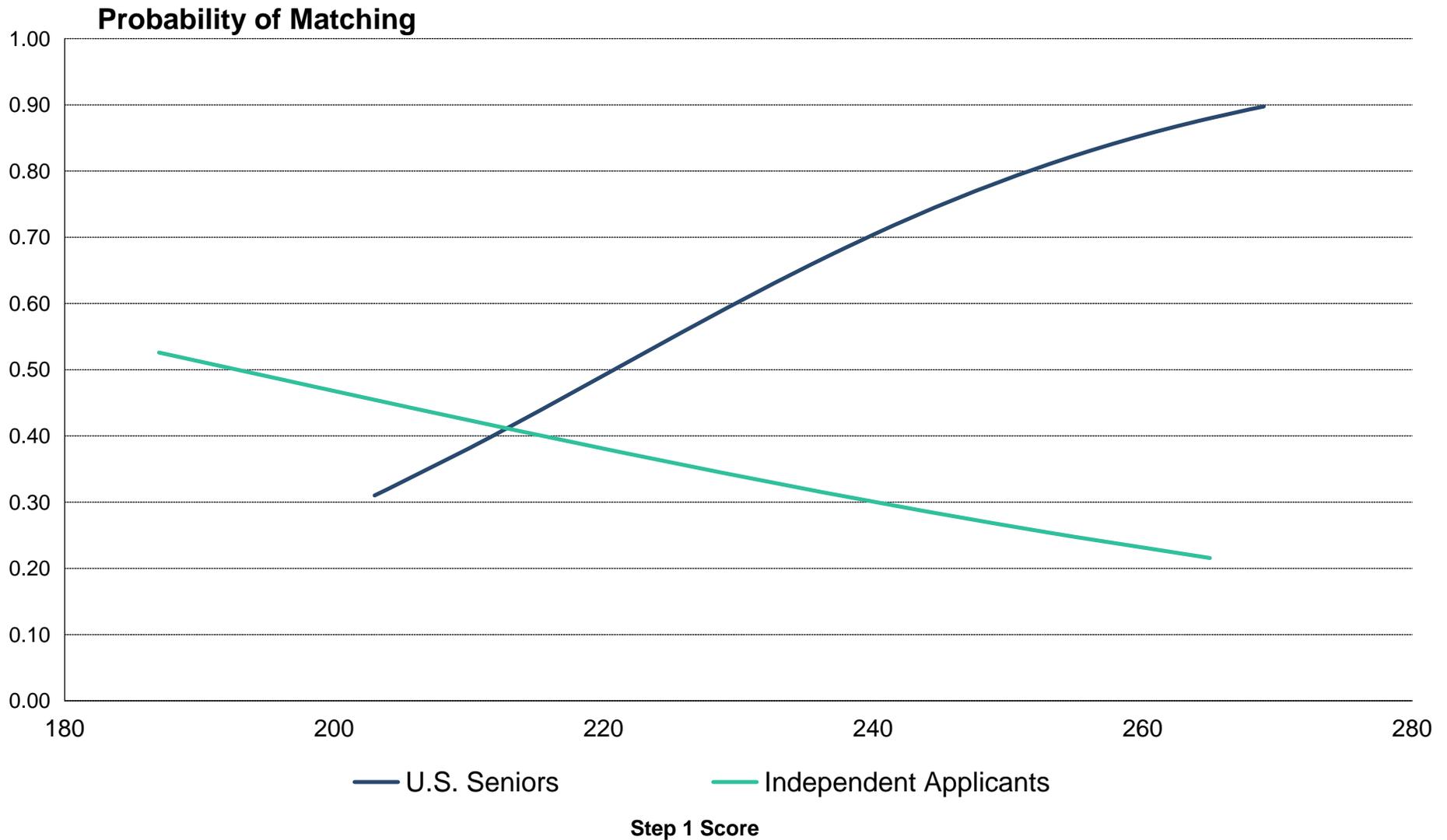
**USMLE Step 1 Scores
Plastic Surgery**



Source: NRMP Data Warehouse

**Graph
PS-2**

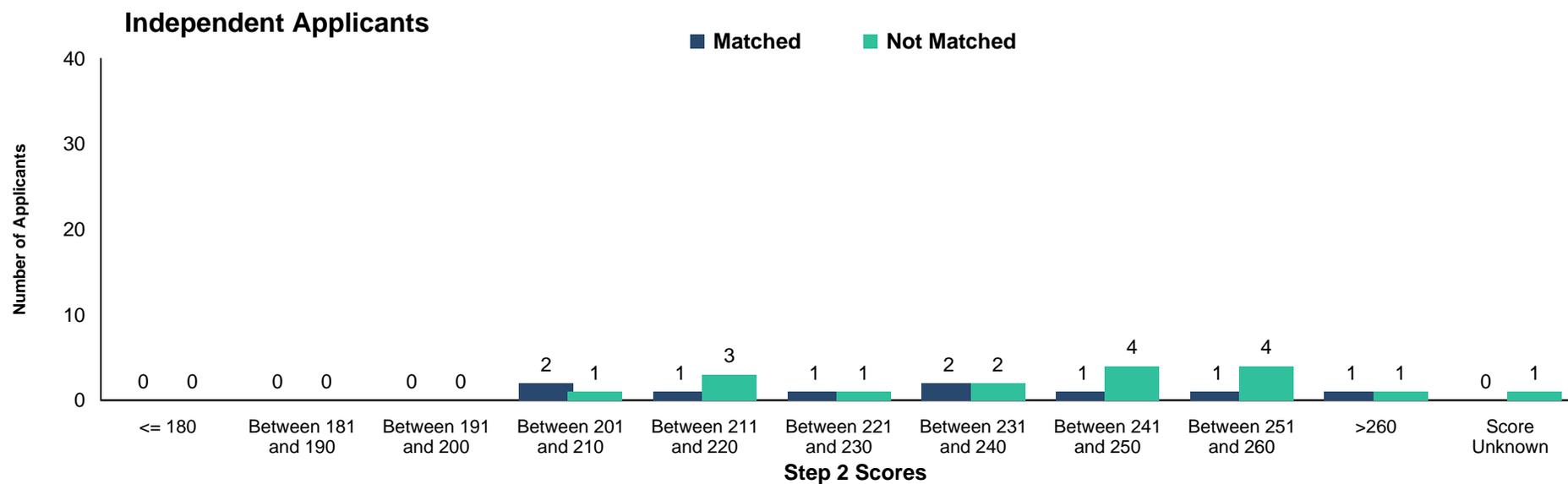
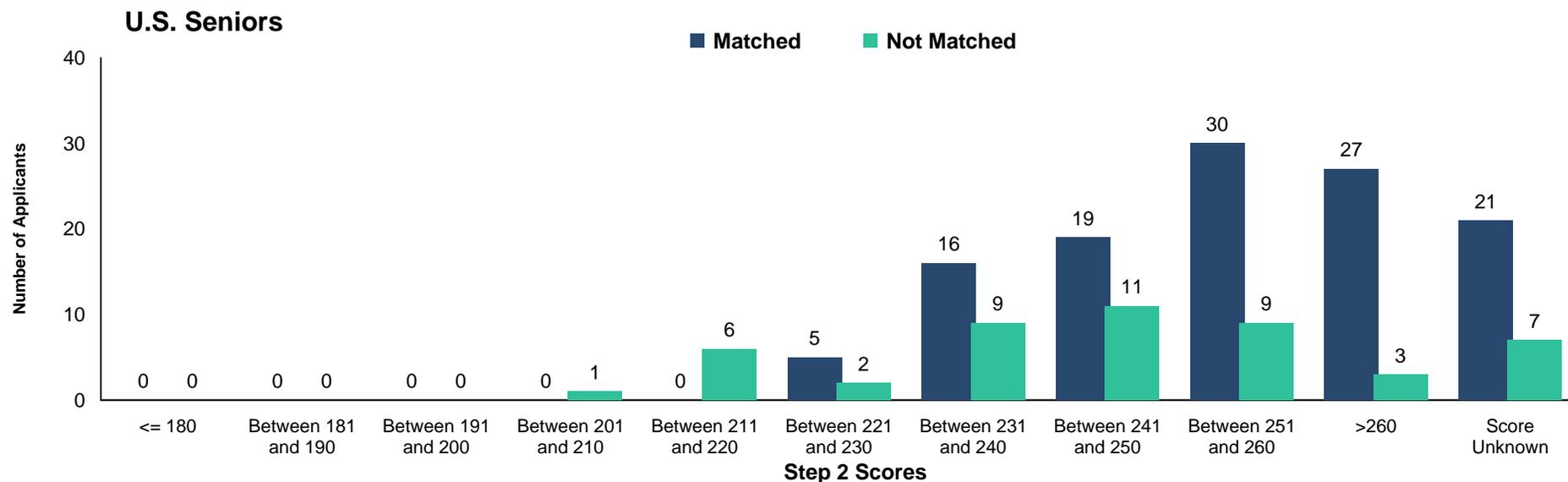
Probability of Matching to Preferred Specialty by USMLE Step 1 Score
Plastic Surgery



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2014 applicants only.

**Chart
PS-4**

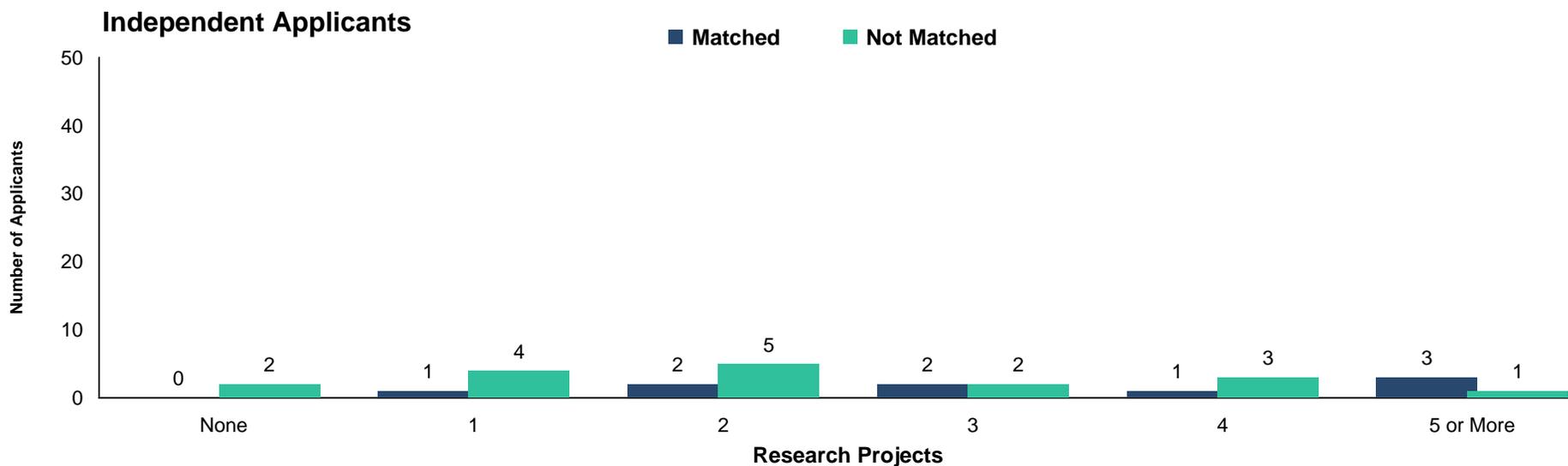
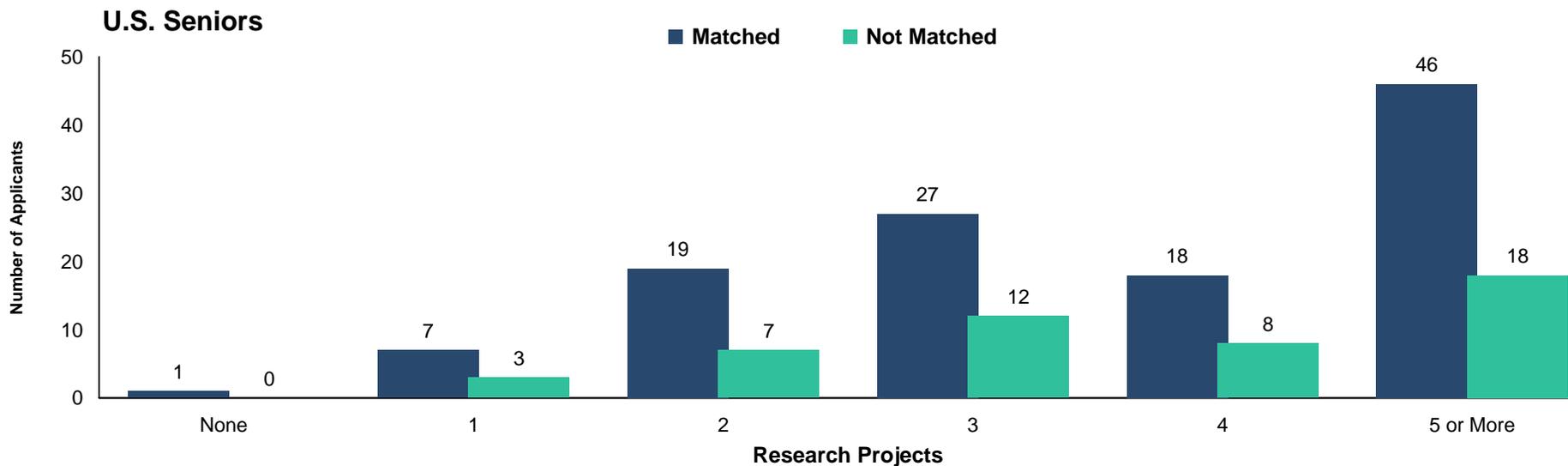
**USMLE Step 2 Scores
Plastic Surgery**



Source: NRMP Data Warehouse

**Chart
PS-5**

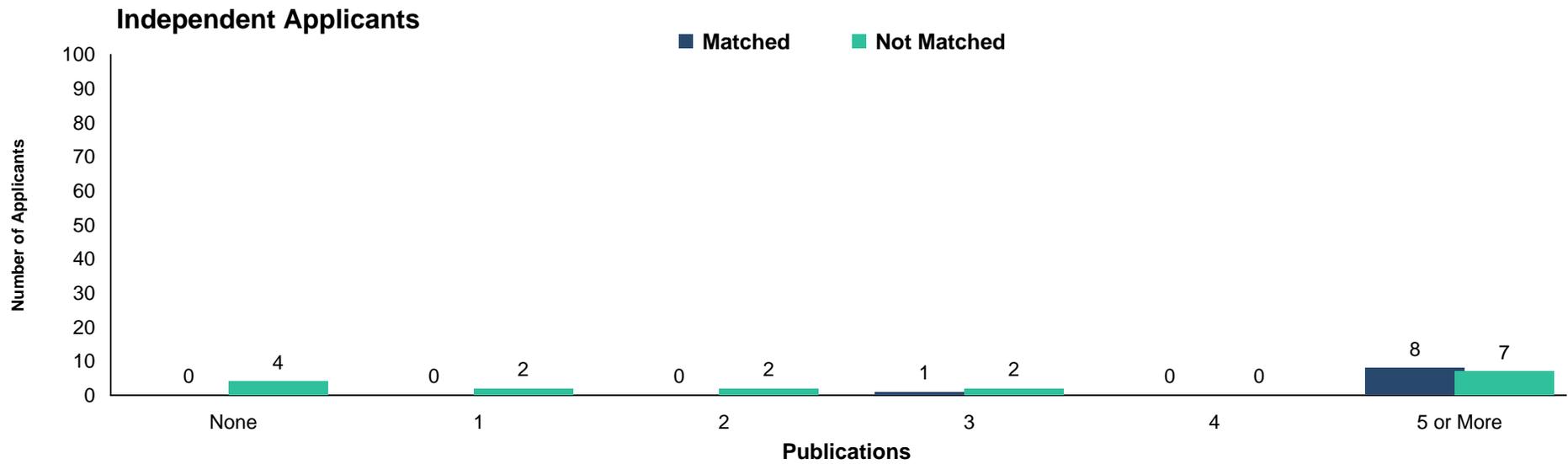
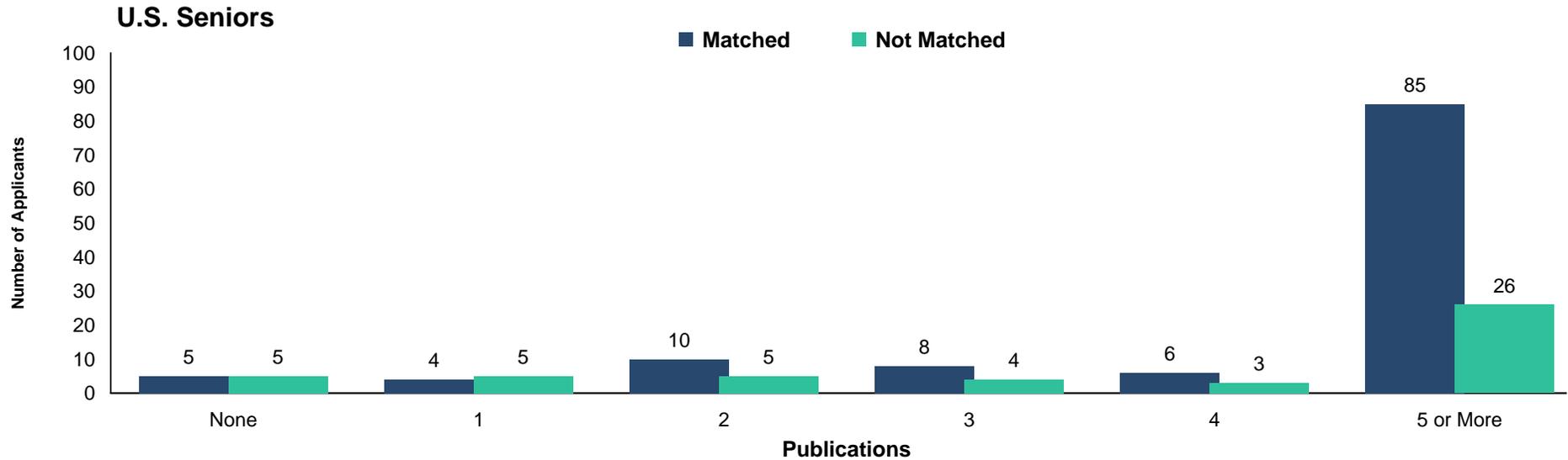
**Number of Research Projects
Plastic Surgery**



Source: NRMP Data Warehouse

**Chart
PS-6**

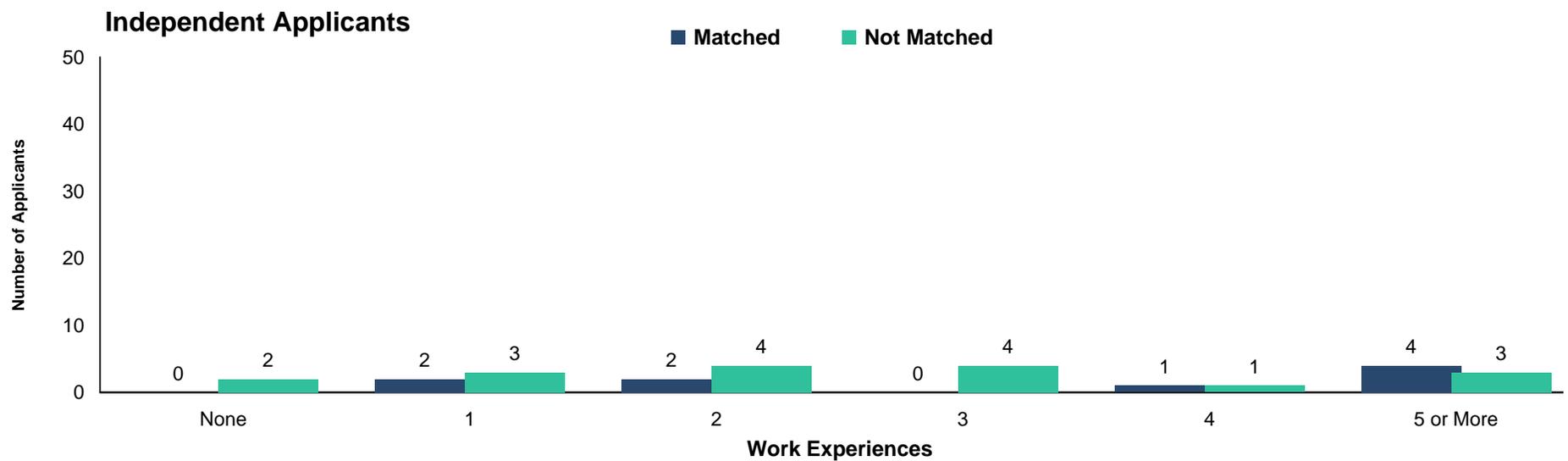
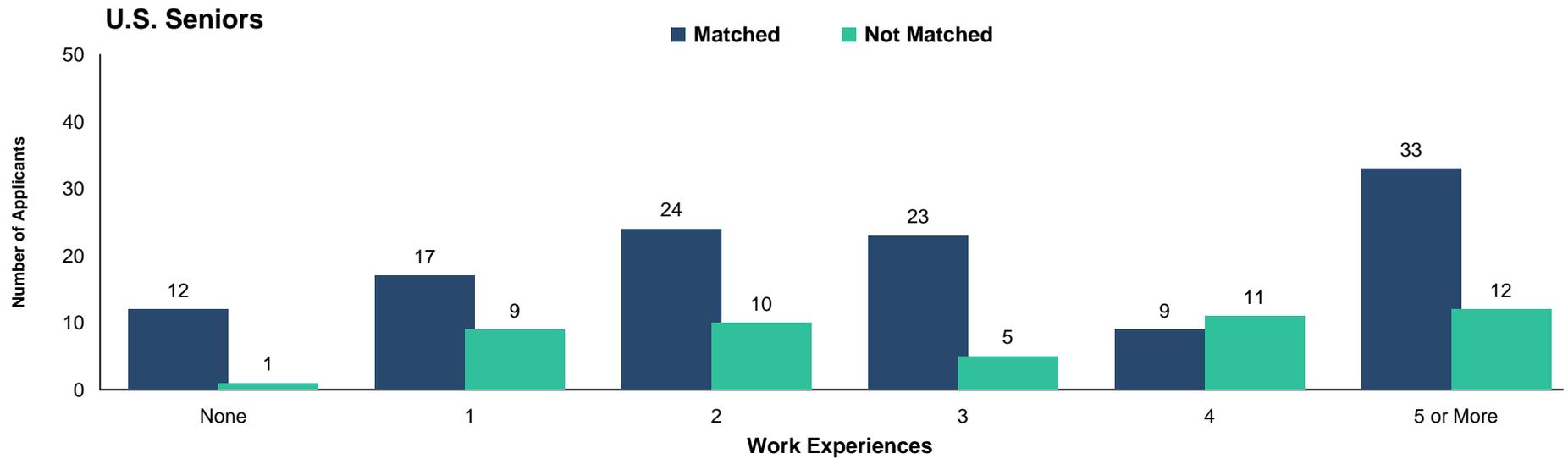
**Number of Abstracts, Presentations, and Publications
Plastic Surgery**



Source: NRMP Data Warehouse

**Chart
PS-7**

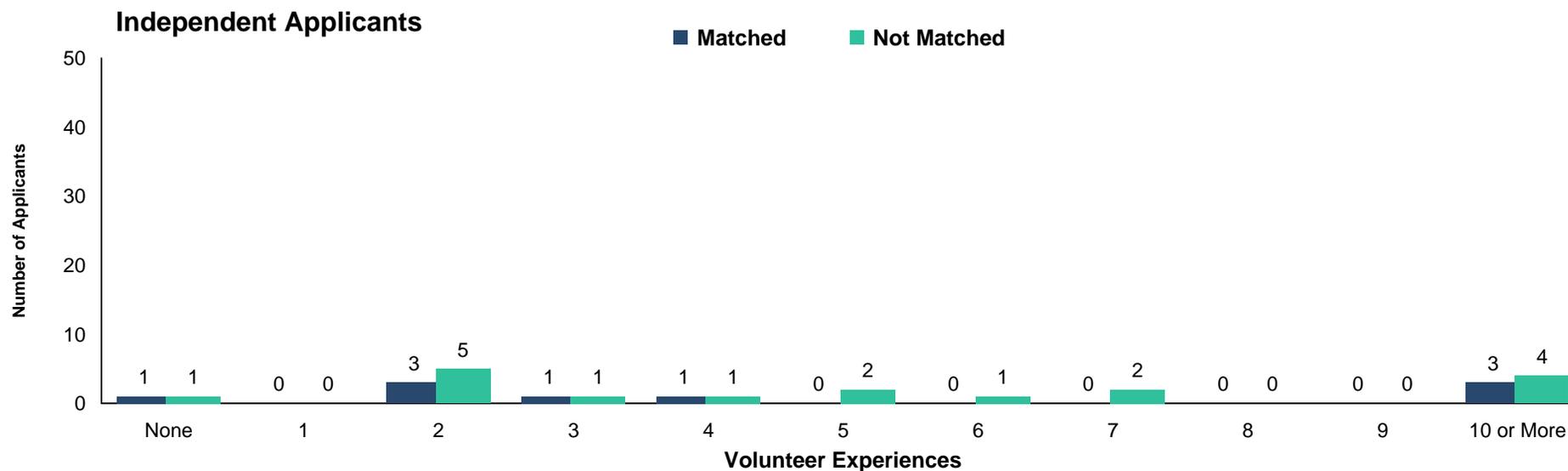
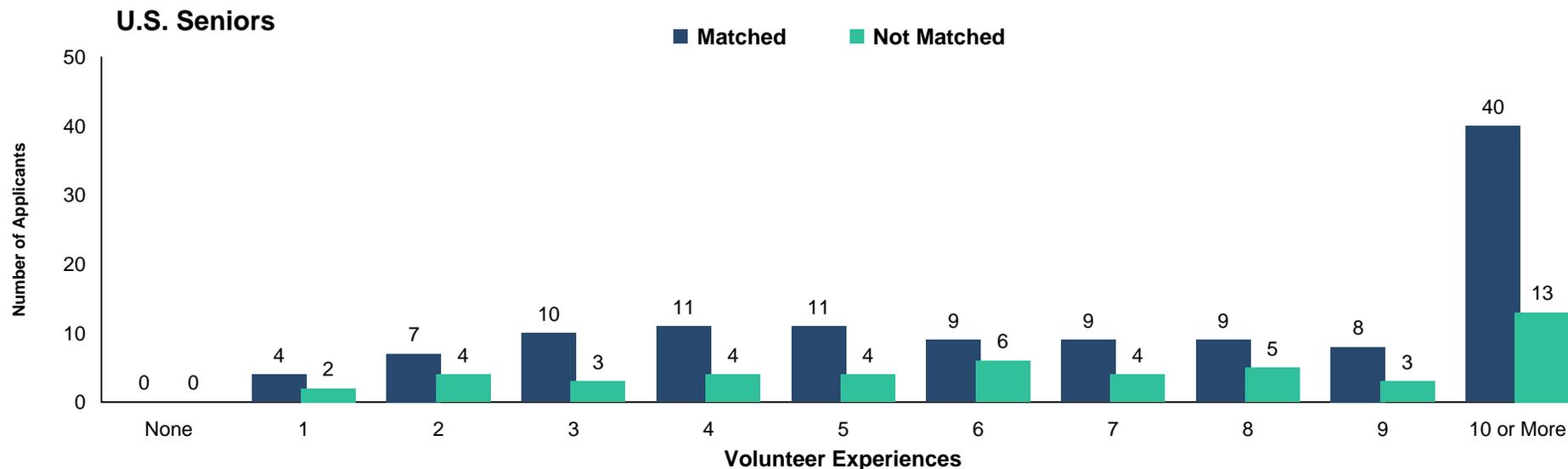
**Number of Work Experiences
Plastic Surgery**



Source: NRMP Data Warehouse

**Chart
PS-8**

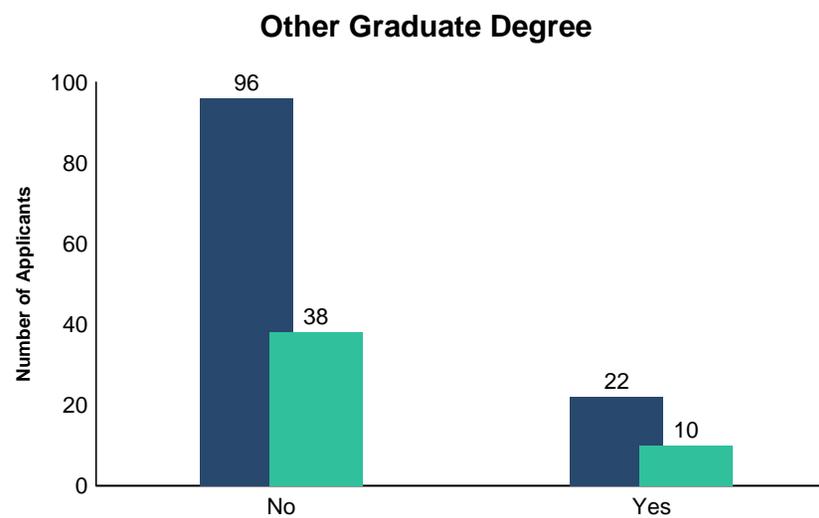
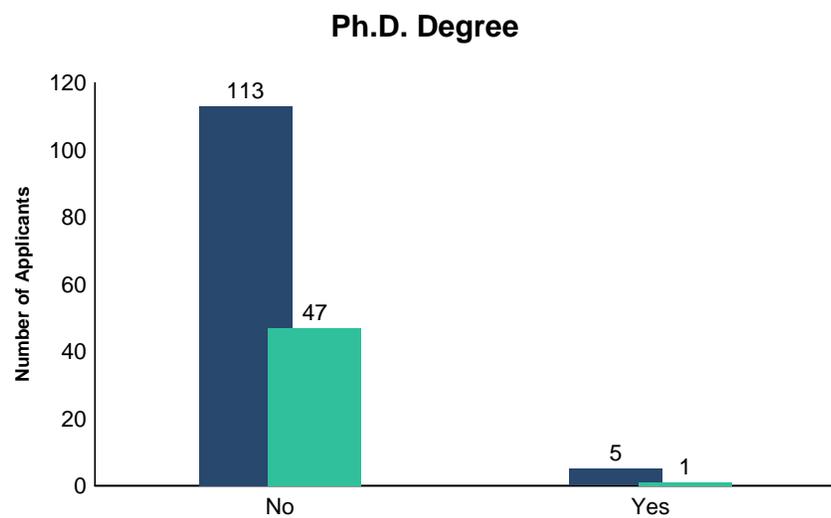
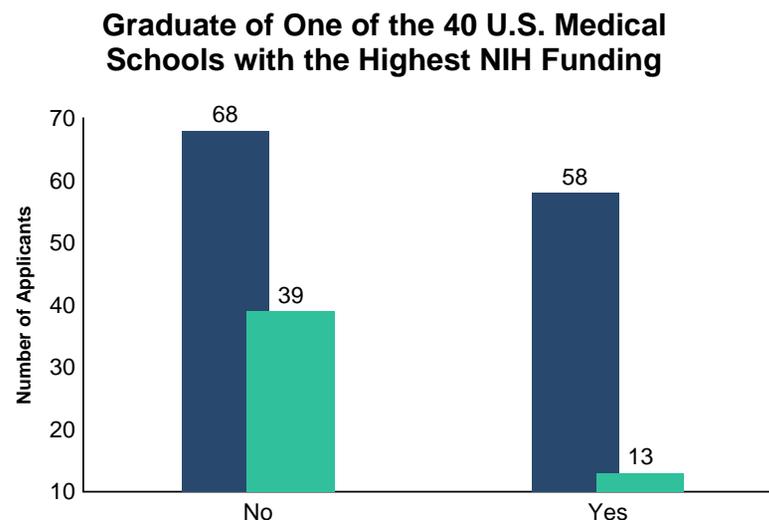
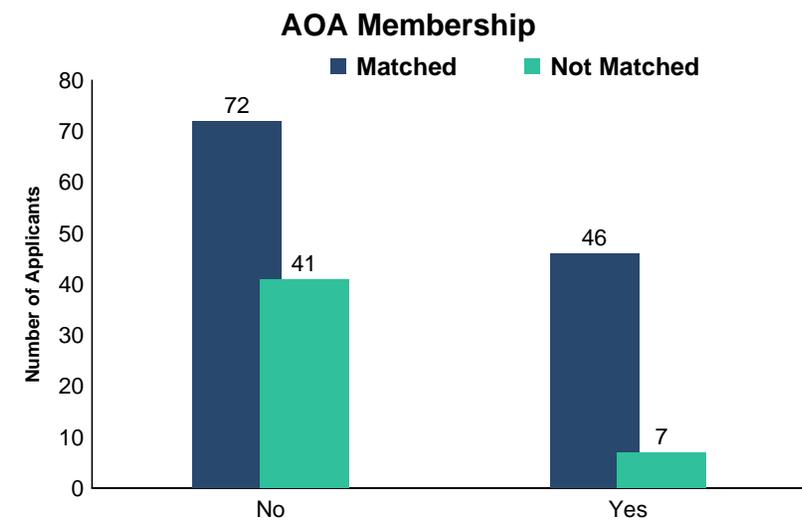
**Number of Volunteer Experiences
Plastic Surgery**



Source: NRMP Data Warehouse

**Chart
PS-9**

**Other Characteristics of U.S. Seniors
Plastic Surgery**



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

P **Psychiatry**

Table P-1 **Summary Statistics**
Psychiatry

Measure	U.S. Seniors		Independent Applicants	
	Matched (n=669)	Unmatched (n=26)	Matched (n=604)	Unmatched (n=630)
1. Mean number of contiguous ranks	9.6	4.5	6.2	2.5
2. Mean number of distinct specialties ranked	1.1	1.2	1.3	1.3
3. Mean USMLE Step 1 score	220	205	214	204
4. Mean USMLE Step 2 score	233	216	222	211
5. Mean number of research experiences	2.5	1.4	1.9	2.0
6. Mean number of abstracts, presentations, and publications	3.8	1.1	3.5	3.5
7. Mean number of work experiences	2.9	3.4	4.0	5.2
8. Mean number of volunteer experiences	6.6	5.6	5.0	3.9
9. Percentage who are AOA members	4.9	0.0	n/a	n/a
10. Percentage who graduated from one of the 40 U.S. medical schools with the highest NIH funding	34.5	11.5	n/a	n/a
11. Percentage who have Ph.D. degree	4.5	0.0	n/a	n/a
12. Percentage who have another graduate degree	17.2	15.4	n/a	n/a

n/a: The measure either does not apply to, applies to only a small percentage of, or no reliable data were available for independent applicants.

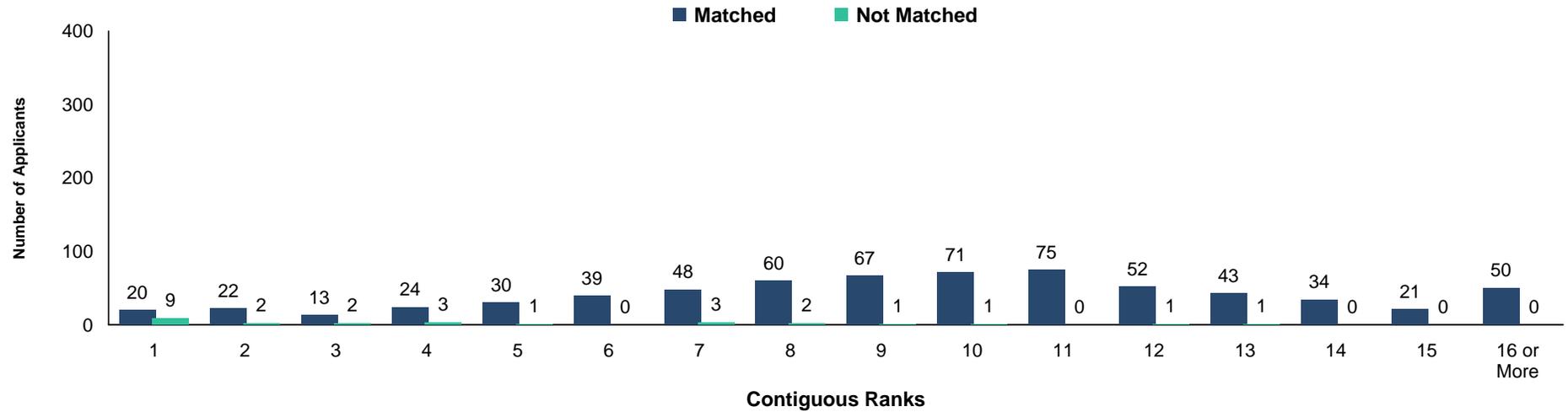
Sources. NRMP Data Warehouse; Top 40 U.S. medical schools with the highest NIH funding in measure 10 is from the NIH website (<http://report.nih.gov/award/index.cfm>).

Note: Measures 3-9 and 11-12 included only applicants who gave consent to use their information in research. USMLE Step scores are not available for most osteopathic medical school students and graduates included in the independent applicant group.

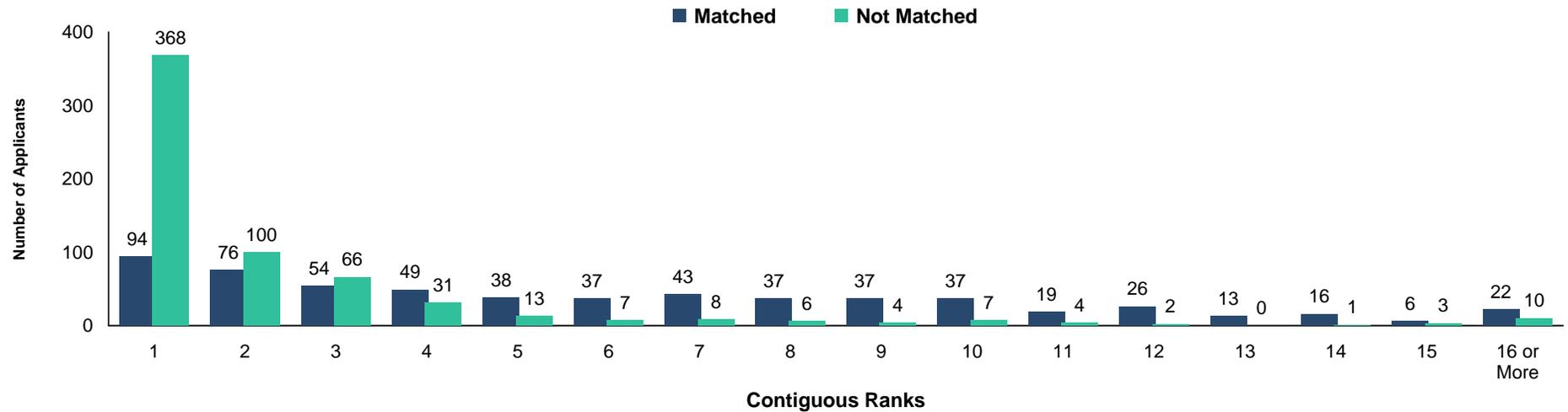
**Chart
P-1**

**Number of Contiguous Ranks Within Preferred Specialty
Psychiatry**

U.S. Seniors



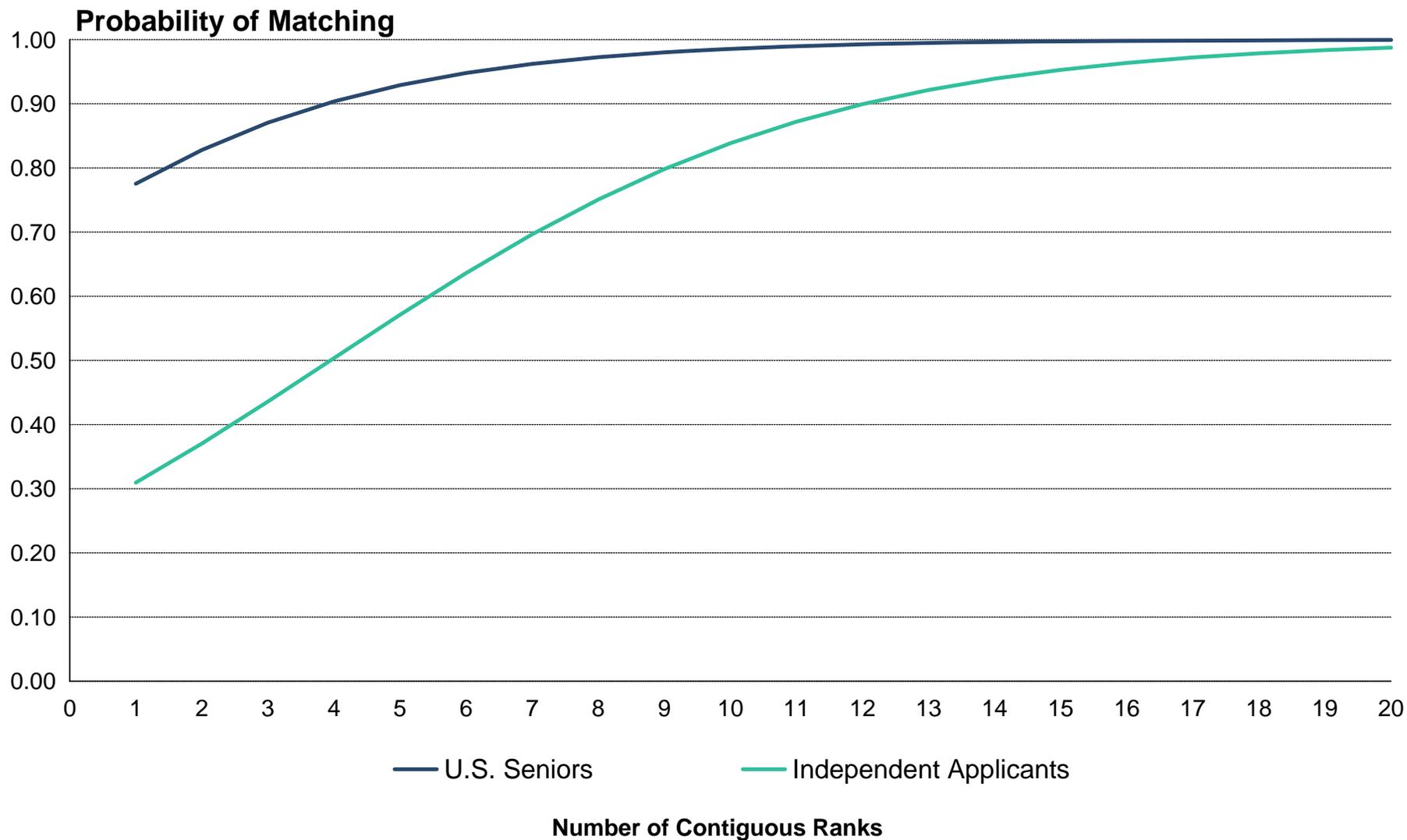
Independent Applicants



Source: NRMP Data Warehouse

Probability of Matching to Preferred Specialty by Number of Contiguous Ranks

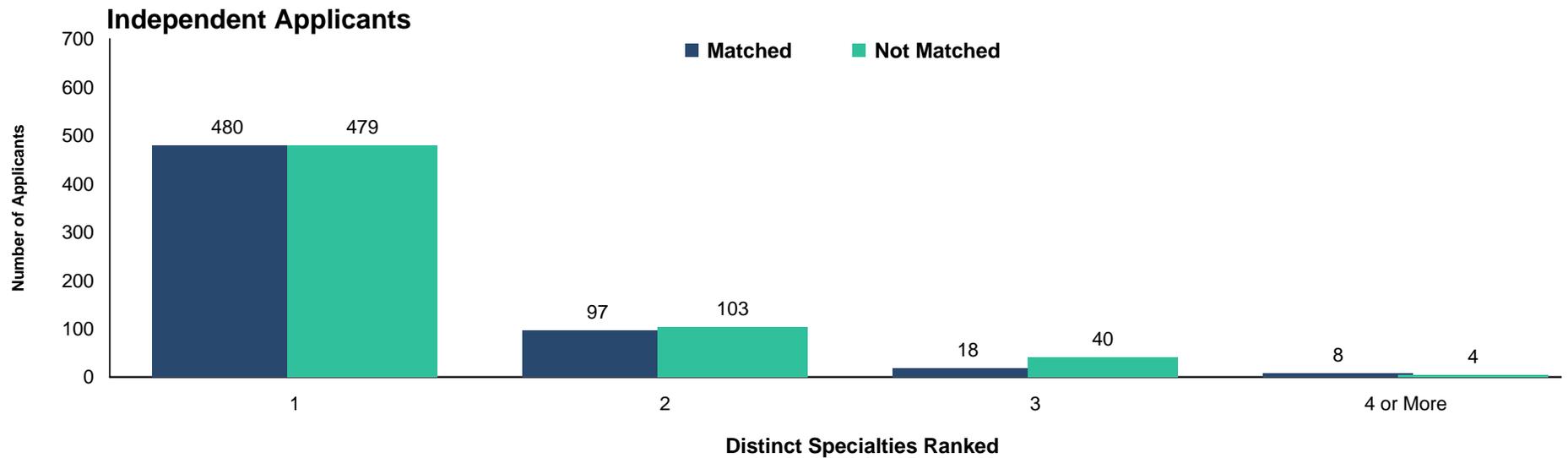
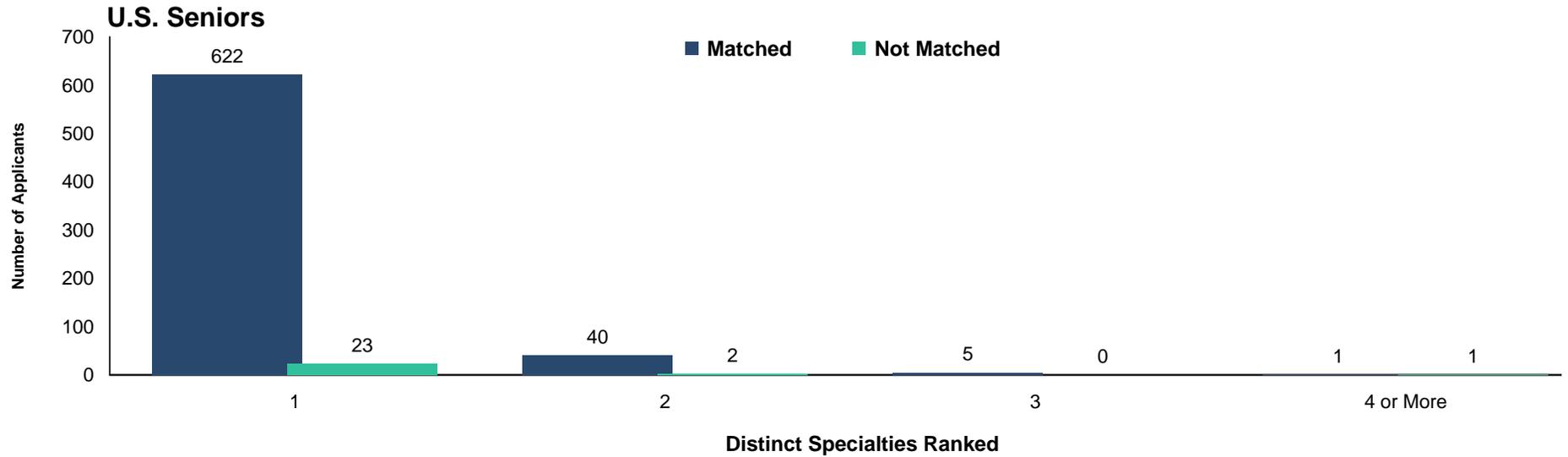
Psychiatry



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2014 applicants only

**Chart
P-2**

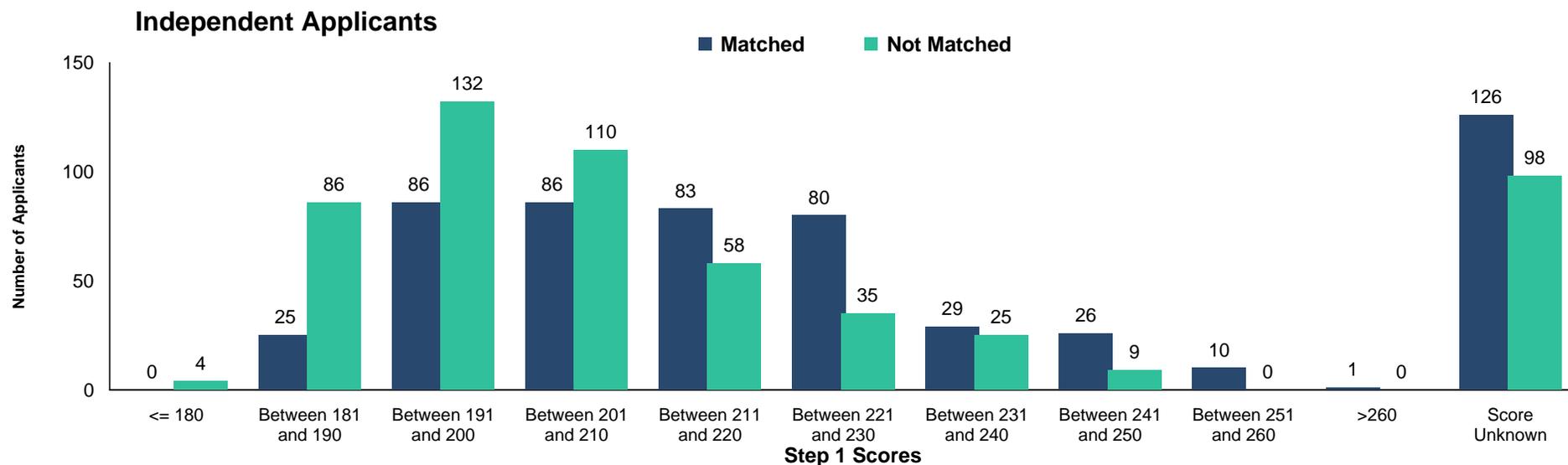
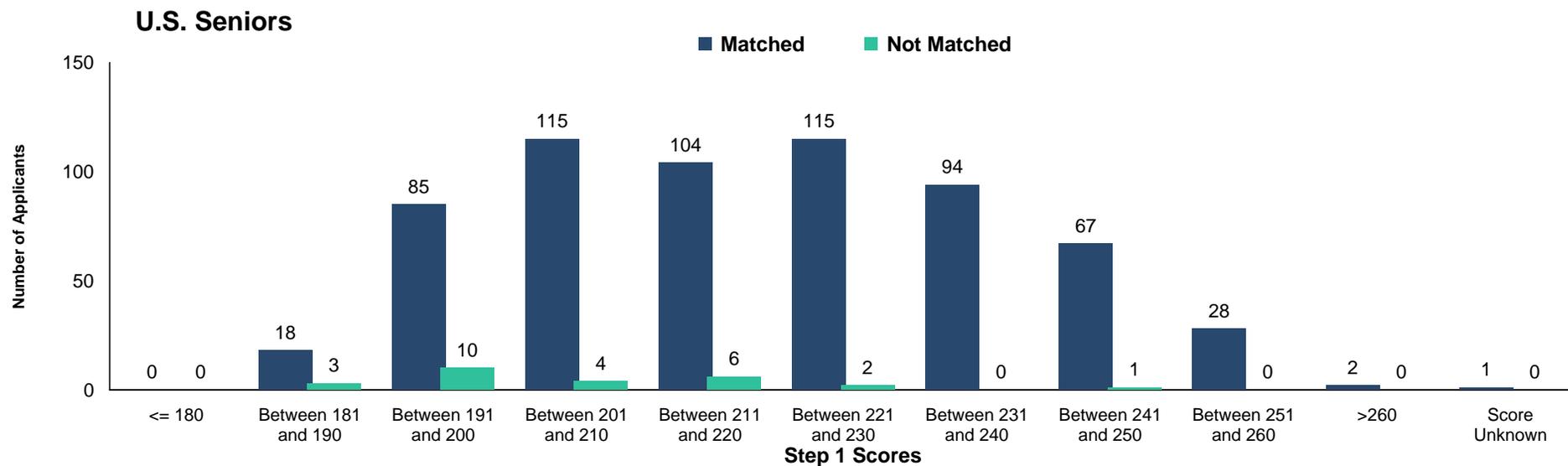
**Number of Distinct Specialties Ranked
Psychiatry**



Source: NRMP Data Warehouse

**Chart
P-3**

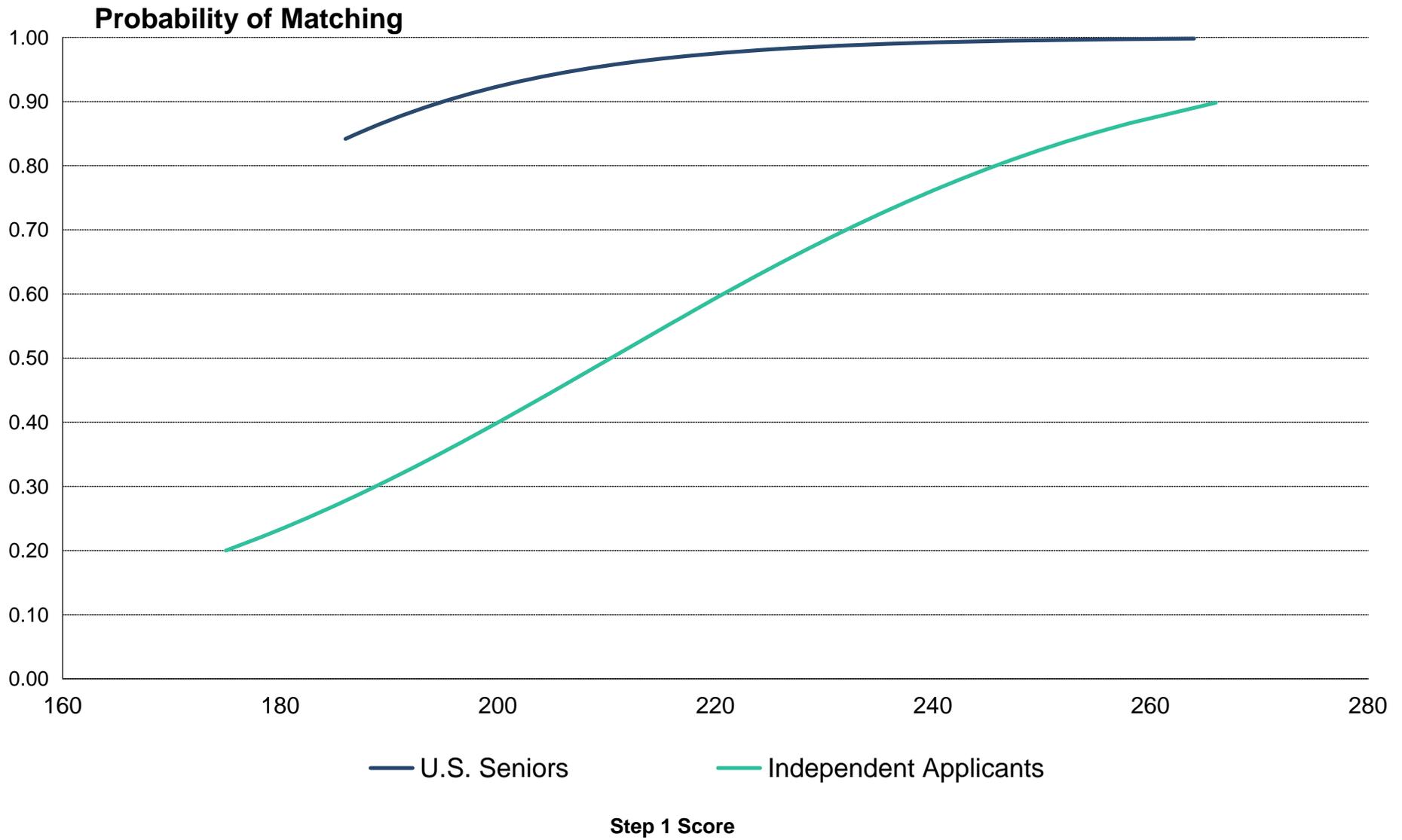
**USMLE Step 1 Scores
Psychiatry**



Source: NRMP Data Warehouse

**Graph
P-2**

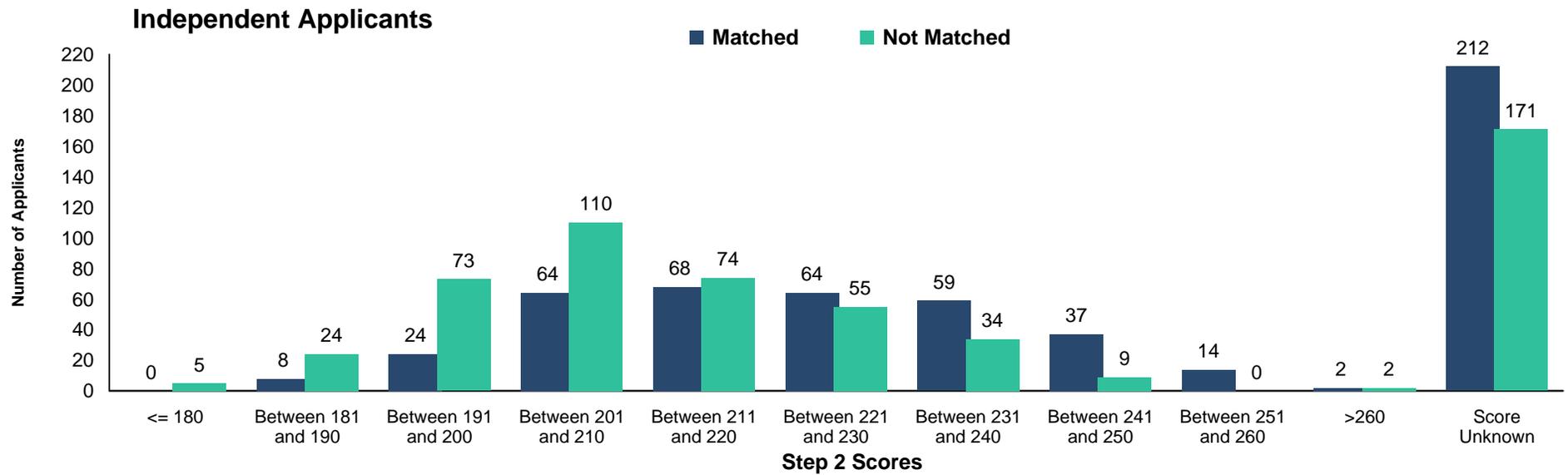
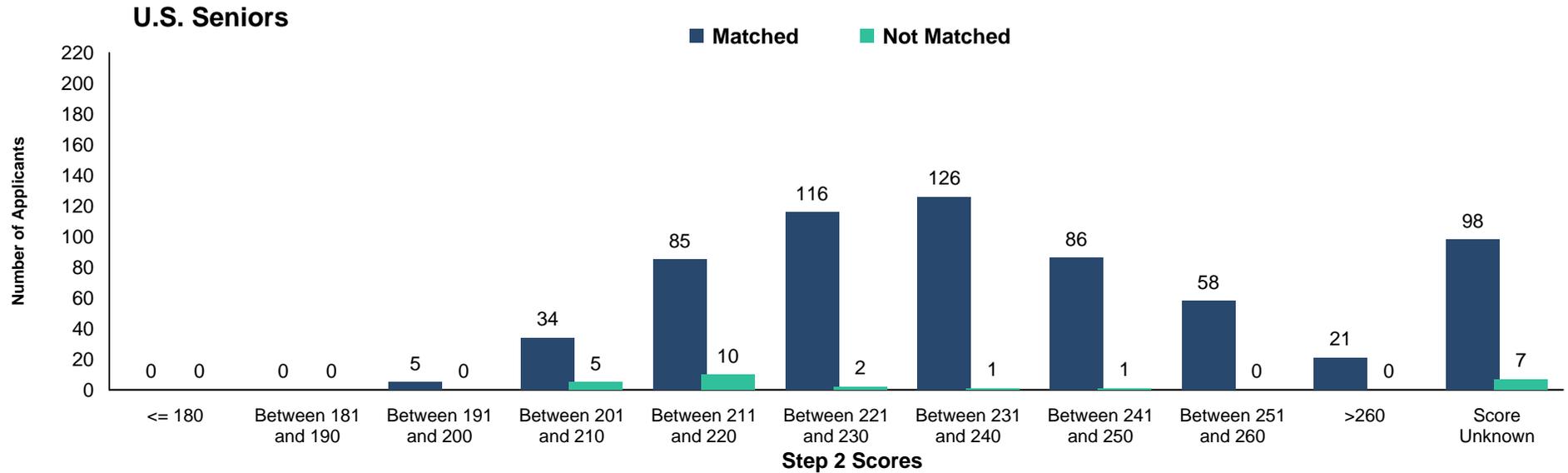
**Probability of Matching to Preferred Specialty by USMLE Step 1 Score
Psychiatry**



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2014 applicants only.

**Chart
P-4**

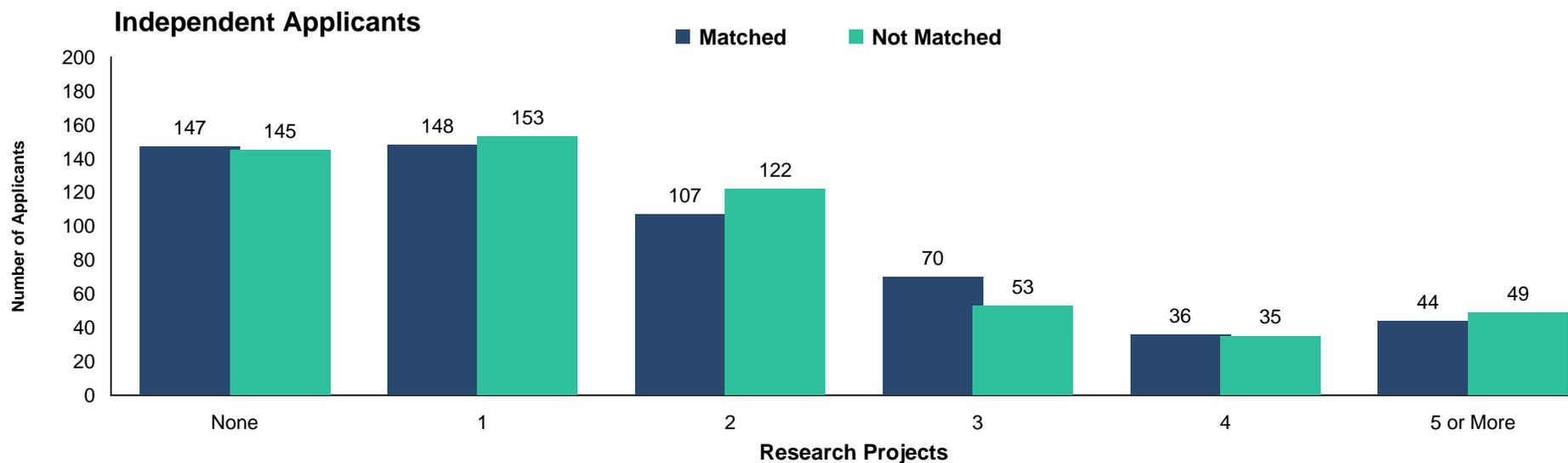
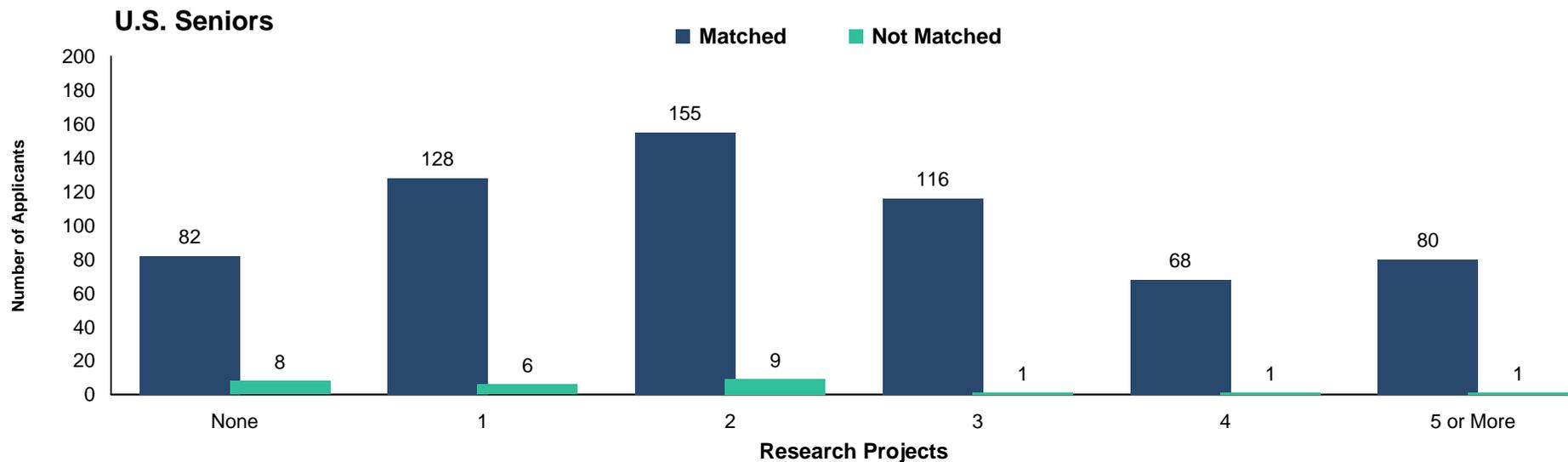
**USMLE Step 2 Scores
Psychiatry**



Source: NRMP Data Warehouse

**Chart
P-5**

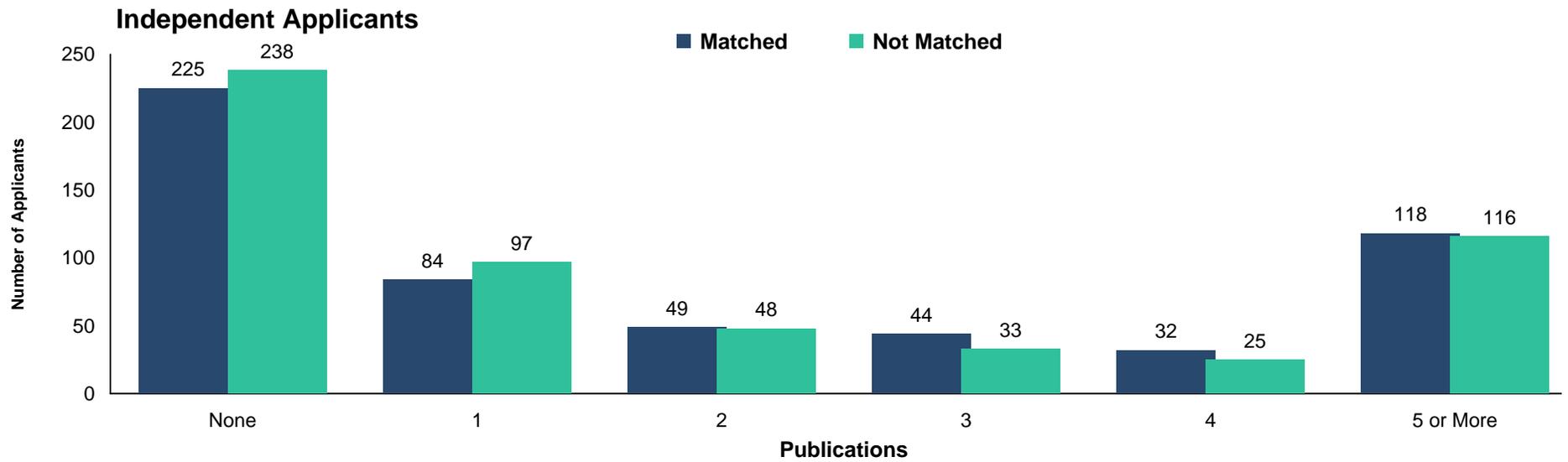
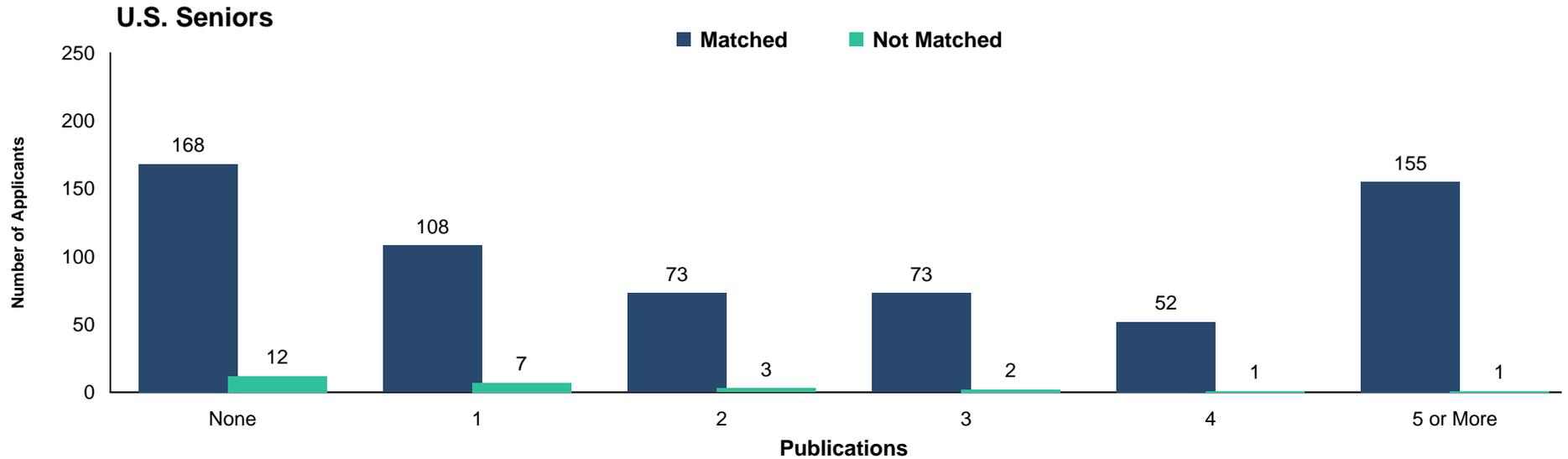
**Number of Research Projects
Psychiatry**



Source: NRMP Data Warehouse

**Chart
P-6**

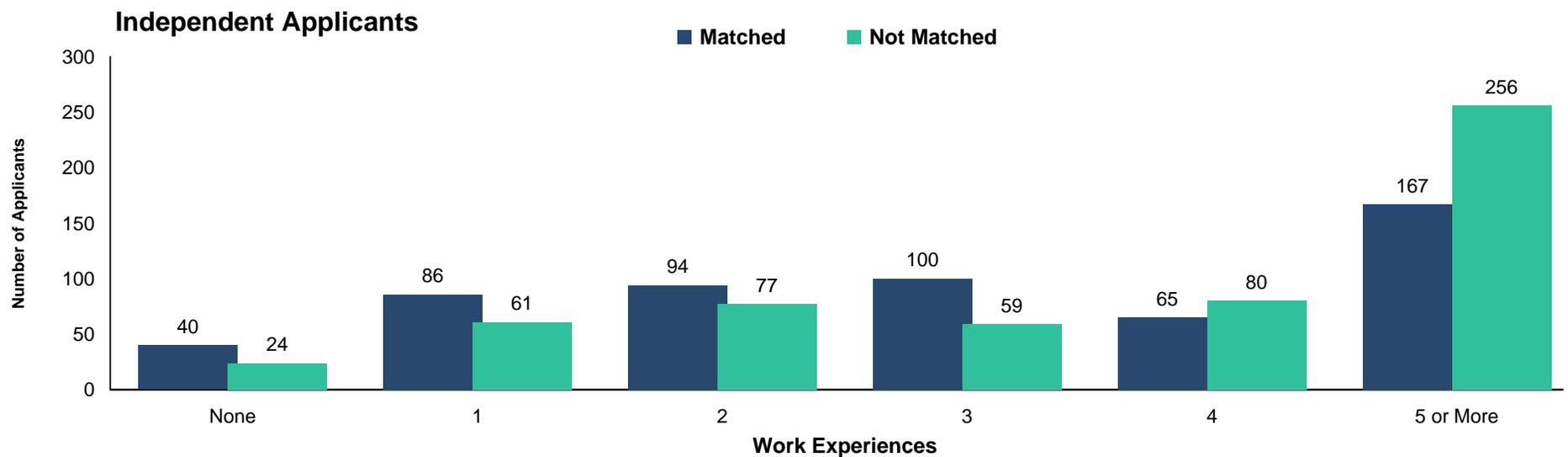
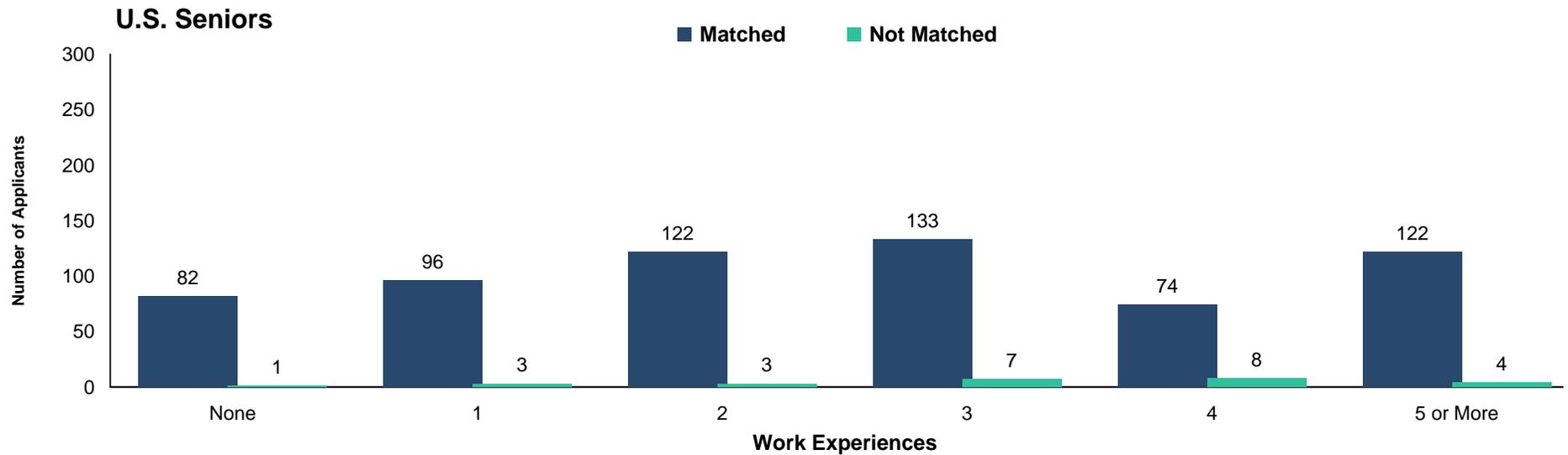
**Number of Abstracts, Presentations, and Publications
Psychiatry**



Source: NRMP Data Warehouse

**Chart
P-7**

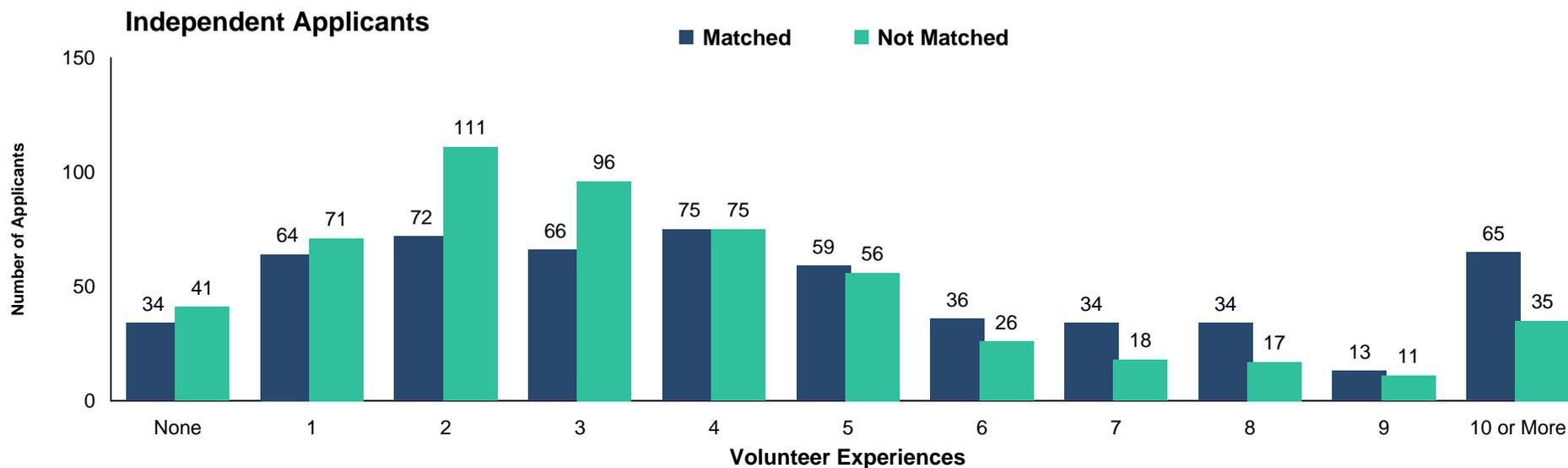
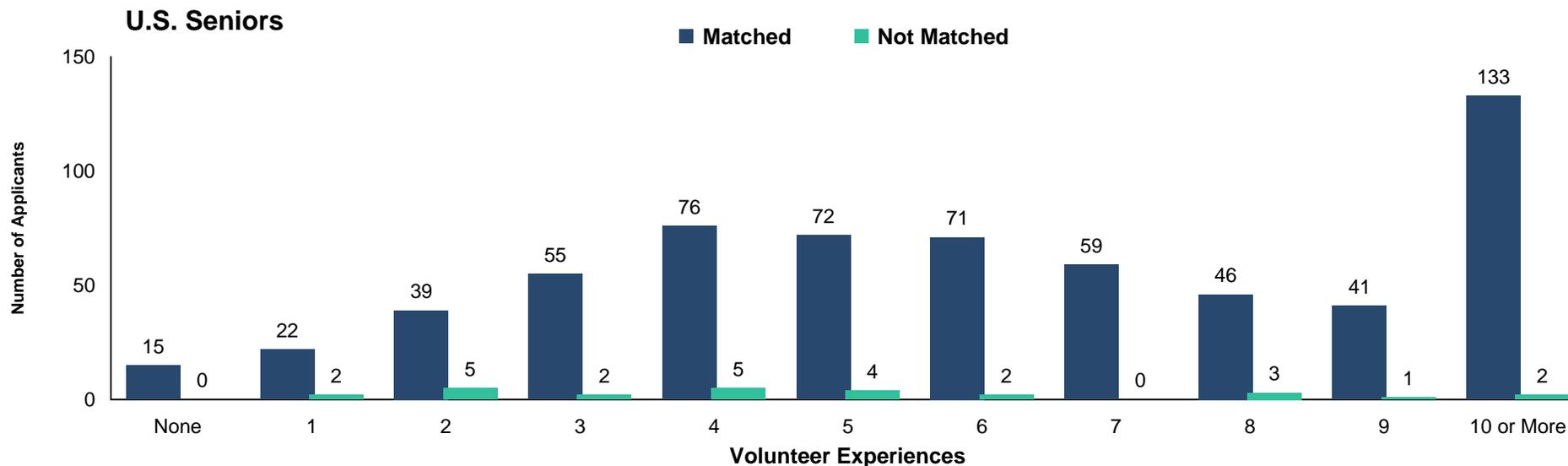
**Number of Work Experiences
Psychiatry**



Source: NRMP Data Warehouse

**Chart
P-8**

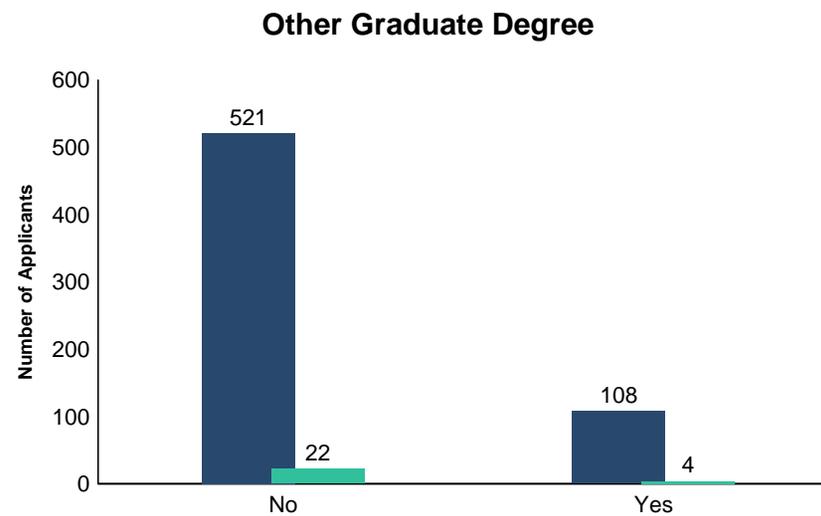
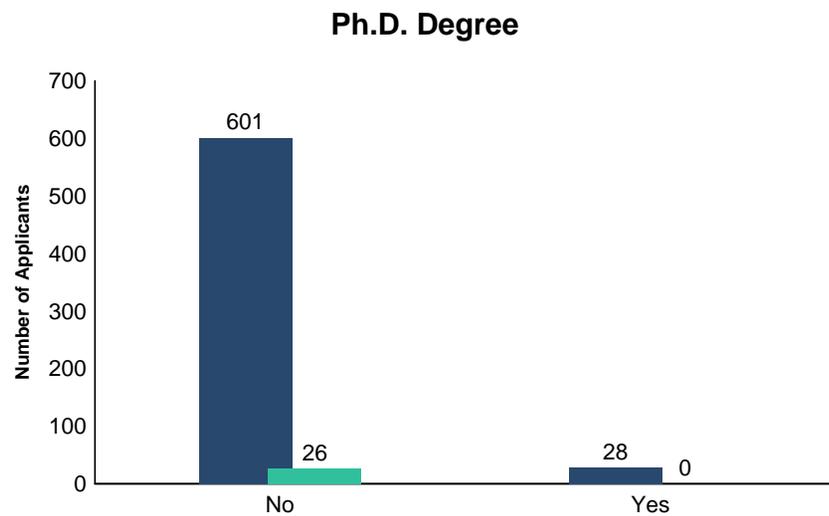
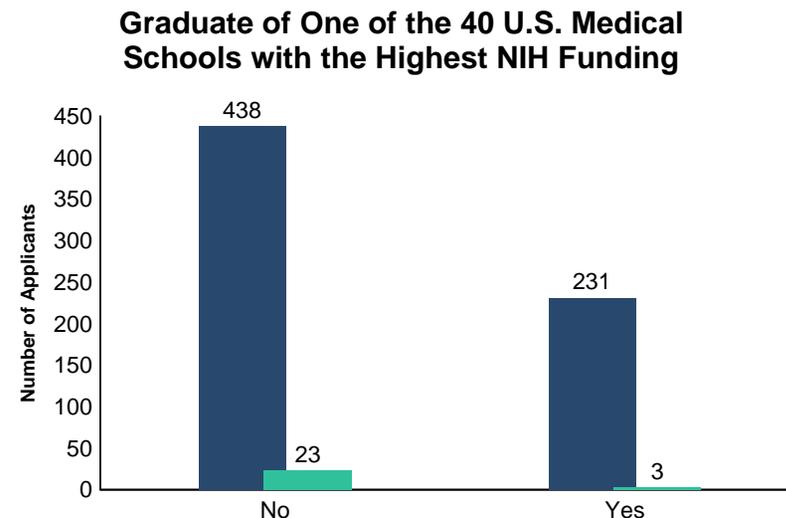
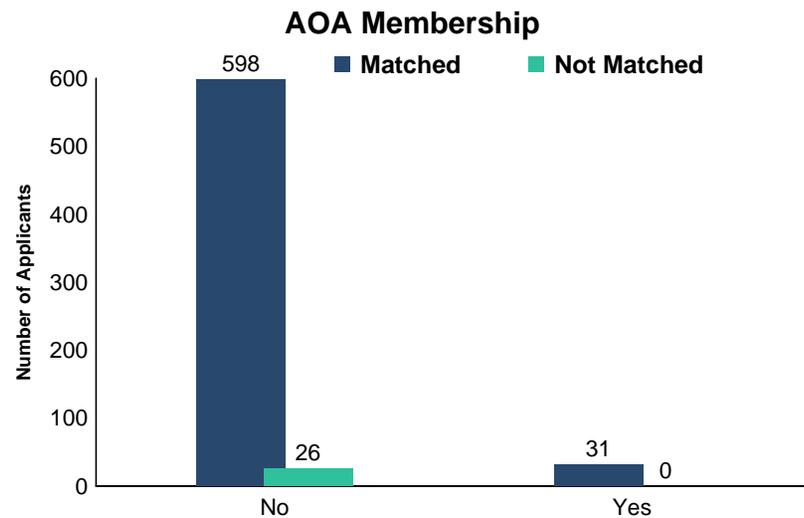
**Number of Volunteer Experiences
Psychiatry**



Source: NRMP Data Warehouse

**Chart
P-9**

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



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

RO Radiation Oncology

Table RO-1 **Summary Statistics**
Radiation Oncology

Measure	U.S. Seniors		Independent Applicants	
	Matched (n=168)	Unmatched (n=20)	Matched (n=9)	Unmatched (n=18)
1. Mean number of contiguous ranks	11.2	4.4	4.9	3.8
2. Mean number of distinct specialties ranked	1.8	2.0	1.3	2.2
3. Mean USMLE Step 1 score	241	237	234	238
4. Mean USMLE Step 2 score	248	240	240	239
5. Mean number of research experiences	4.6	3.2	6.4	3.4
6. Mean number of abstracts, presentations, and publications	12.2	5.5	11.3	8.5
7. Mean number of work experiences	2.9	2.4	3.9	3.8
8. Mean number of volunteer experiences	6.3	4.9	7.4	4.5
9. Percentage who are AOA members	23.6	5.3	n/a	n/a
10. Percentage who graduated from one of the 40 U.S. medical schools with the highest NIH funding	48.8	30.0	n/a	n/a
11. Percentage who have Ph.D. degree	23.0	15.8	n/a	n/a
12. Percentage who have another graduate degree	21.8	15.8	n/a	n/a

n/a: The measure either does not apply to, applies to only a small percentage of, or no reliable data were available for independent applicants.

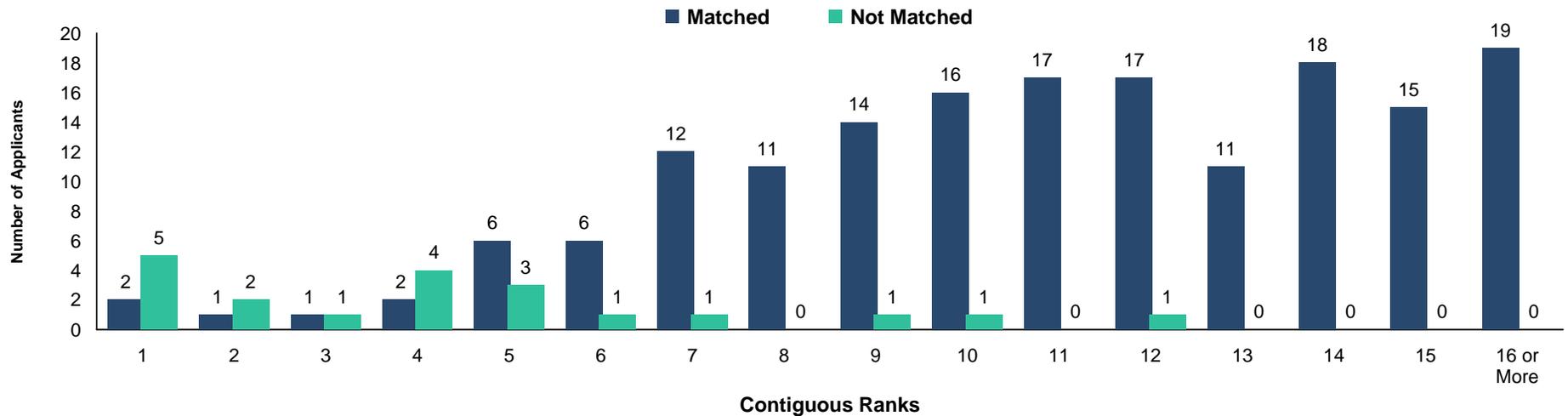
Sources. NRMP Data Warehouse; Top 40 U.S. medical schools with the highest NIH funding in measure 10 is from the NIH website (<http://report.nih.gov/award/index.cfm>).

Note: Measures 3-9 and 11-12 included only applicants who gave consent to use their information in research. USMLE Step scores are not available for most osteopathic medical school students and graduates included in the independent applicant group.

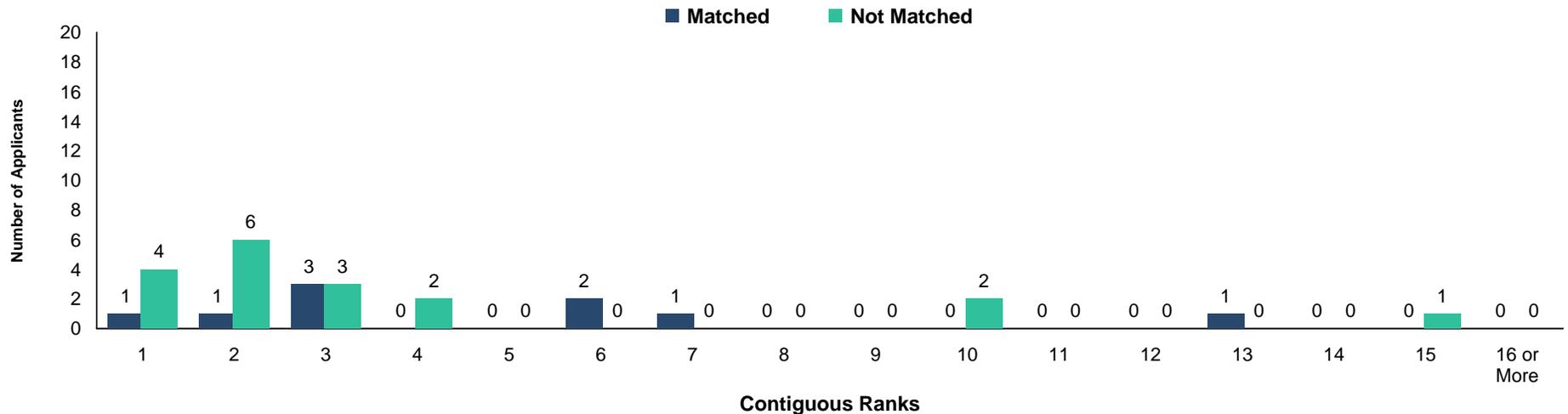
**Chart
RO-1**

**Number of Contiguous Ranks Within Preferred Specialty
Radiation Oncology**

U.S. Seniors



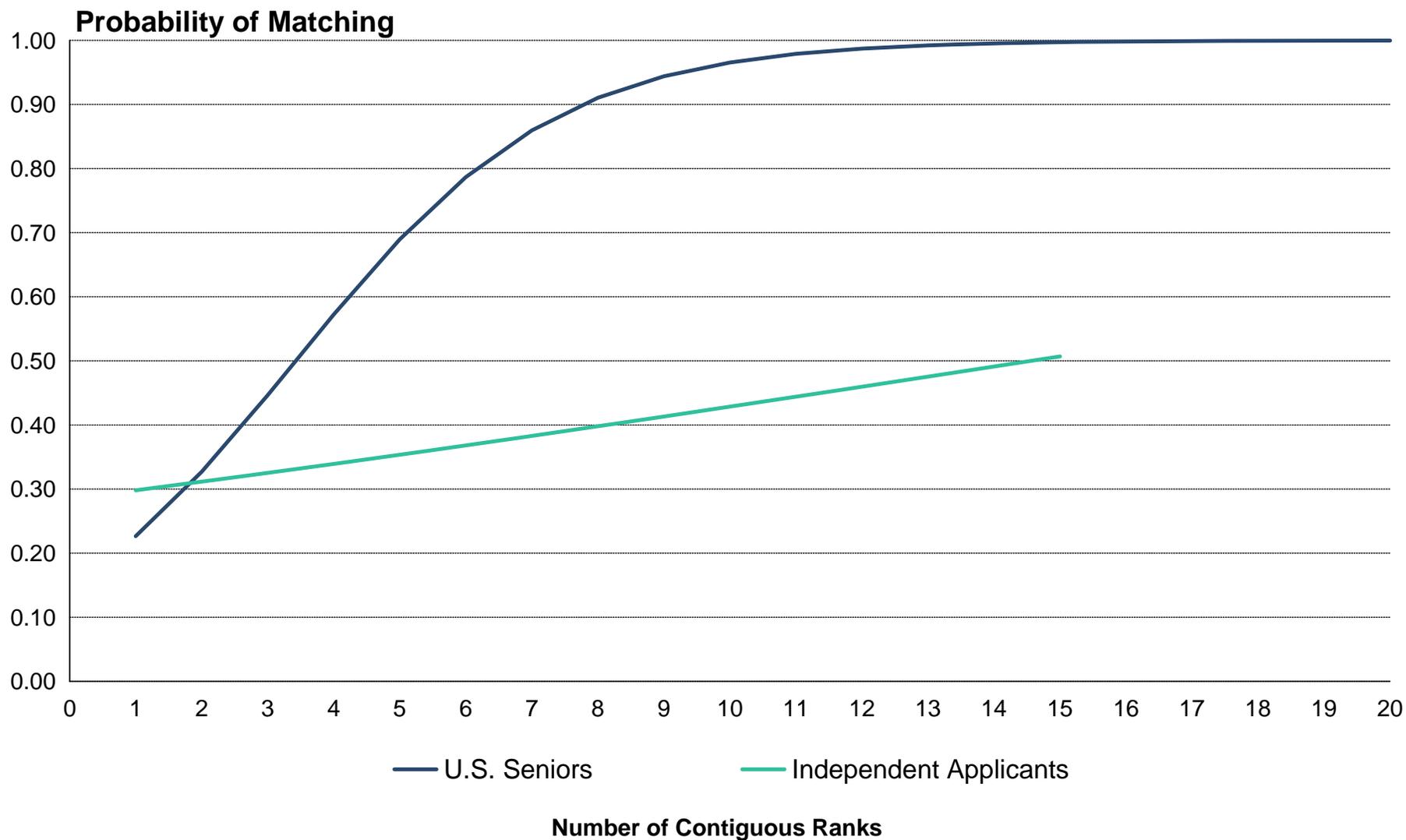
Independent Applicants



Source: NRMP Data Warehouse

Probability of Matching to Preferred Specialty by Number of Contiguous Ranks

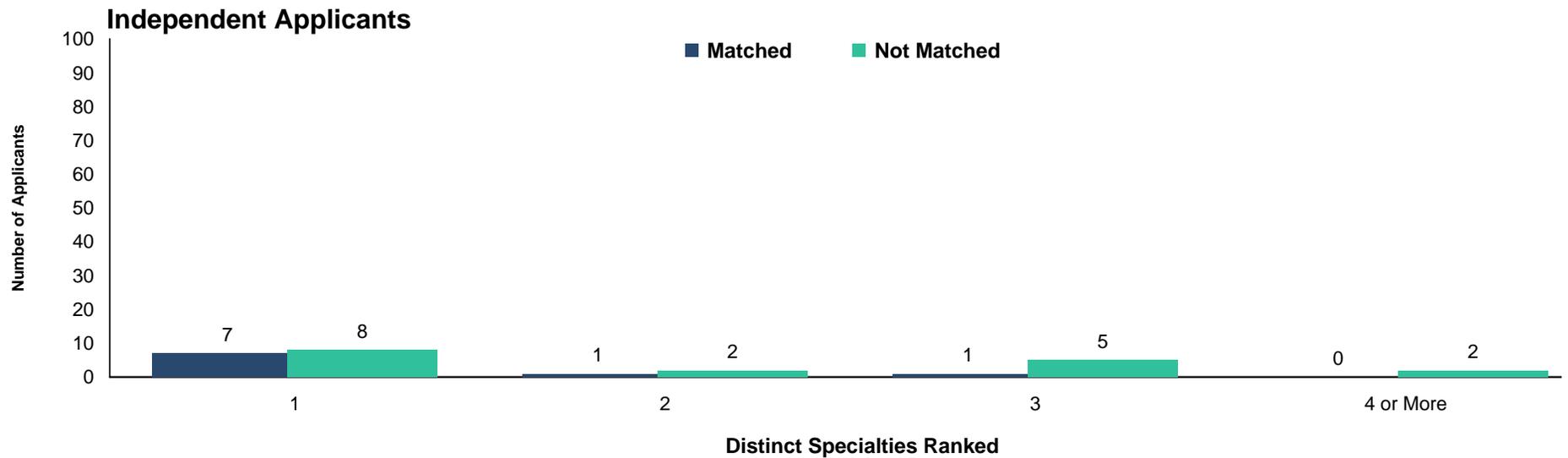
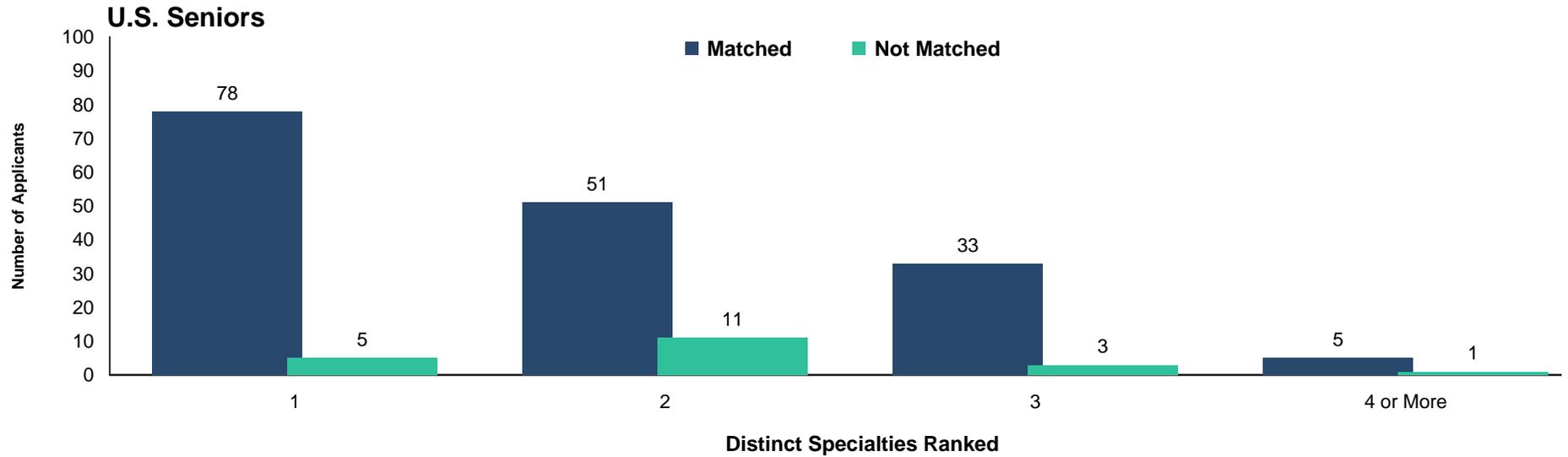
Radiation Oncology



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2014 applicants only

**Chart
RO-2**

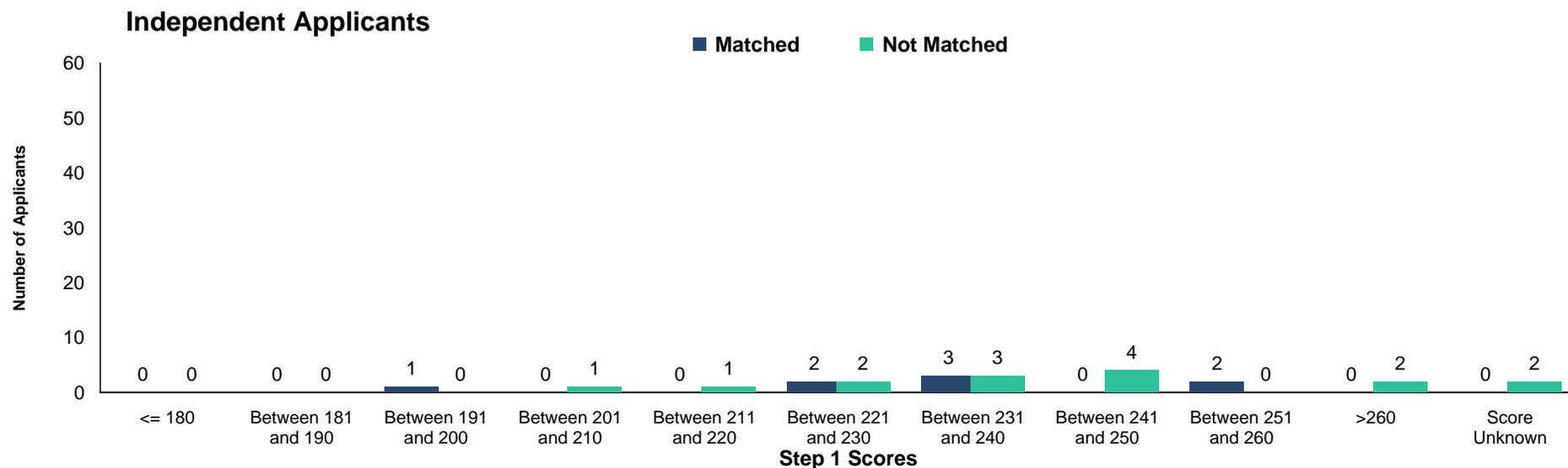
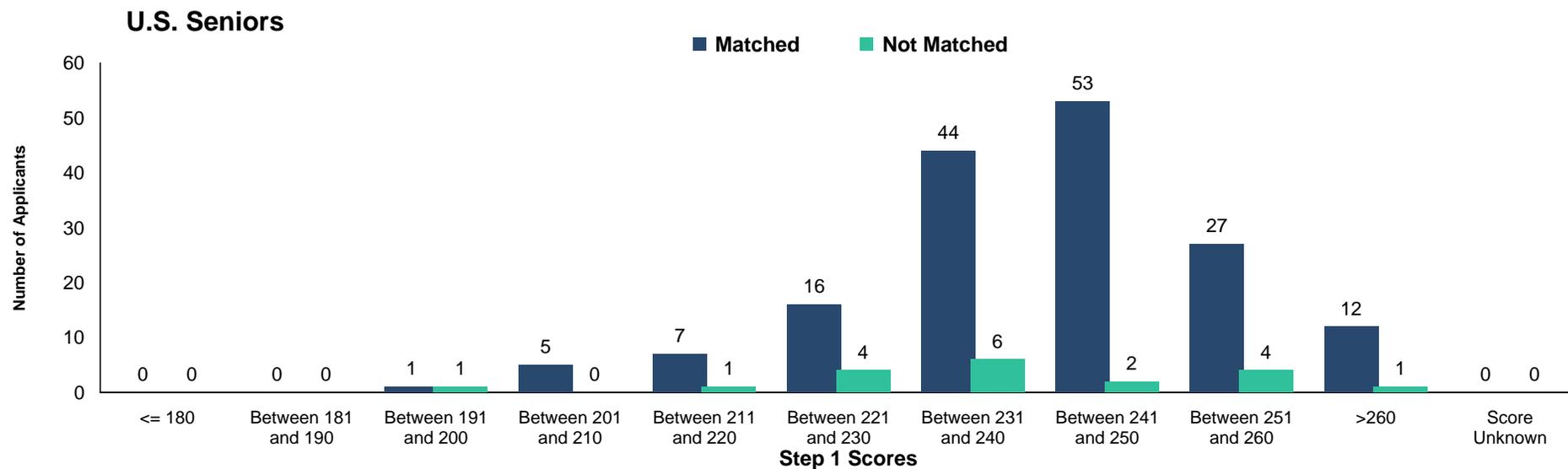
**Number of Distinct Specialties Ranked
Radiation Oncology**



Source: NRMP Data Warehouse

**Chart
RO-3**

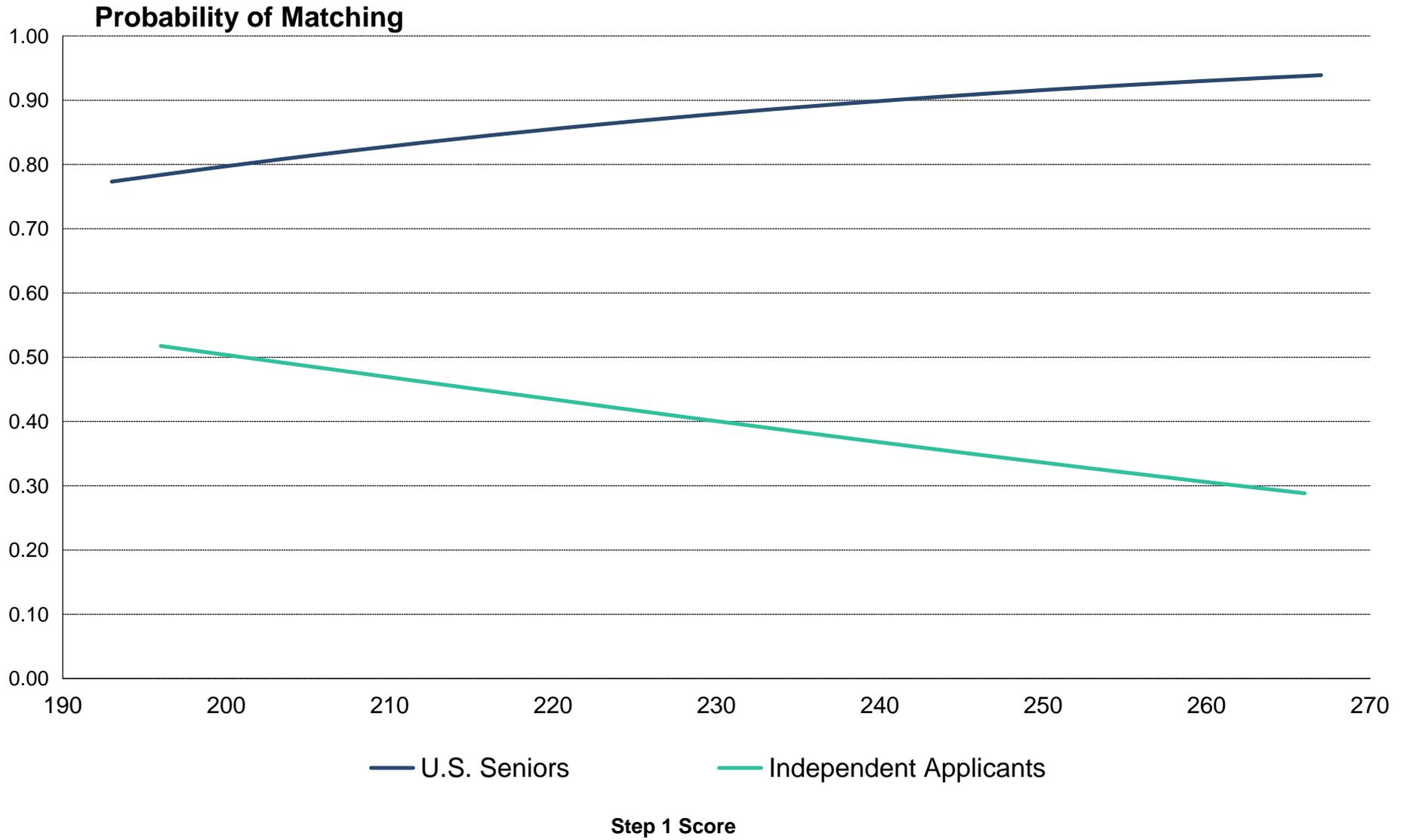
**USMLE Step 1 Scores
Radiation Oncology**



Source: NRMP Data Warehouse

Probability of Matching to Preferred Specialty by USMLE Step 1 Score

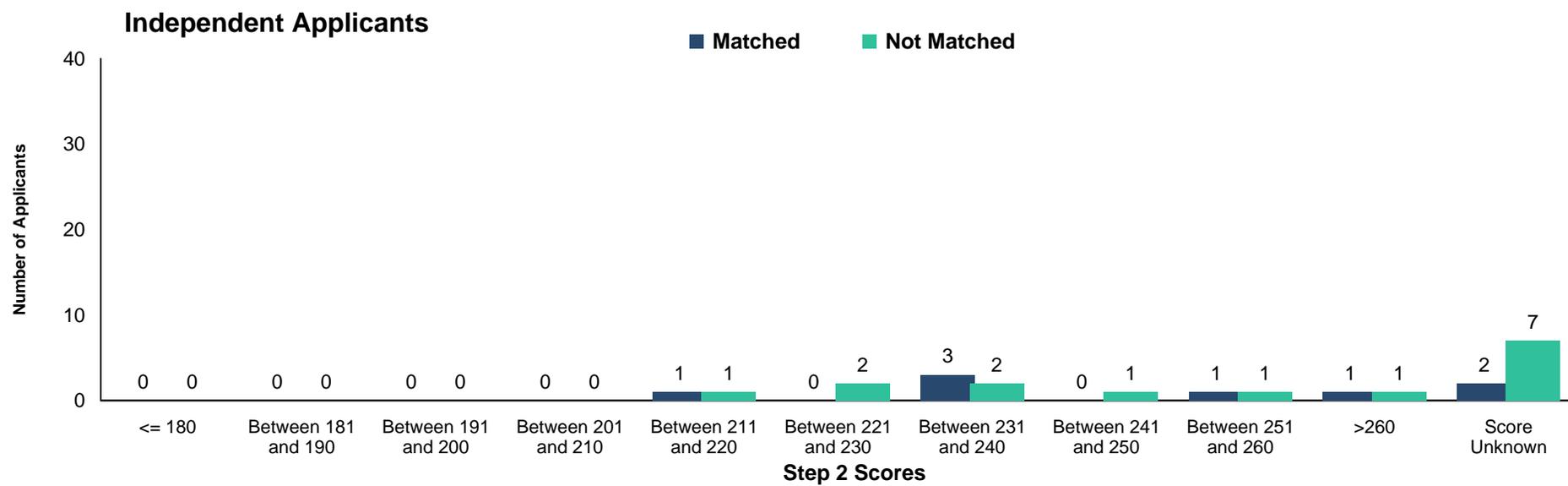
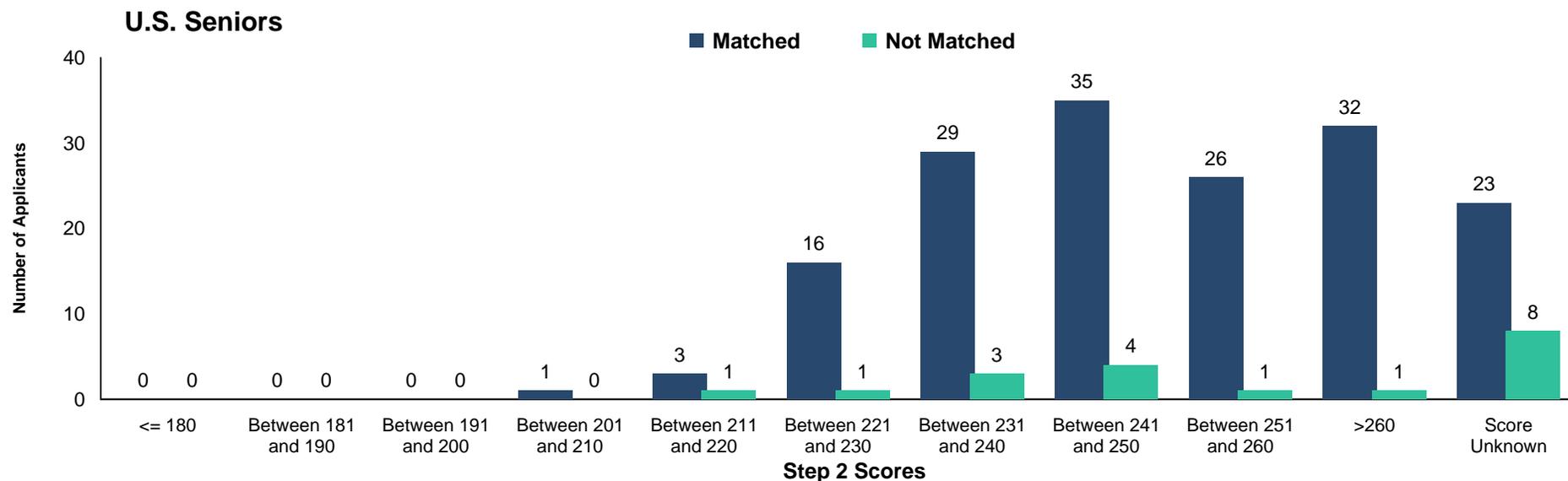
Radiation Oncology



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2014 applicants only.

**Chart
RO-4**

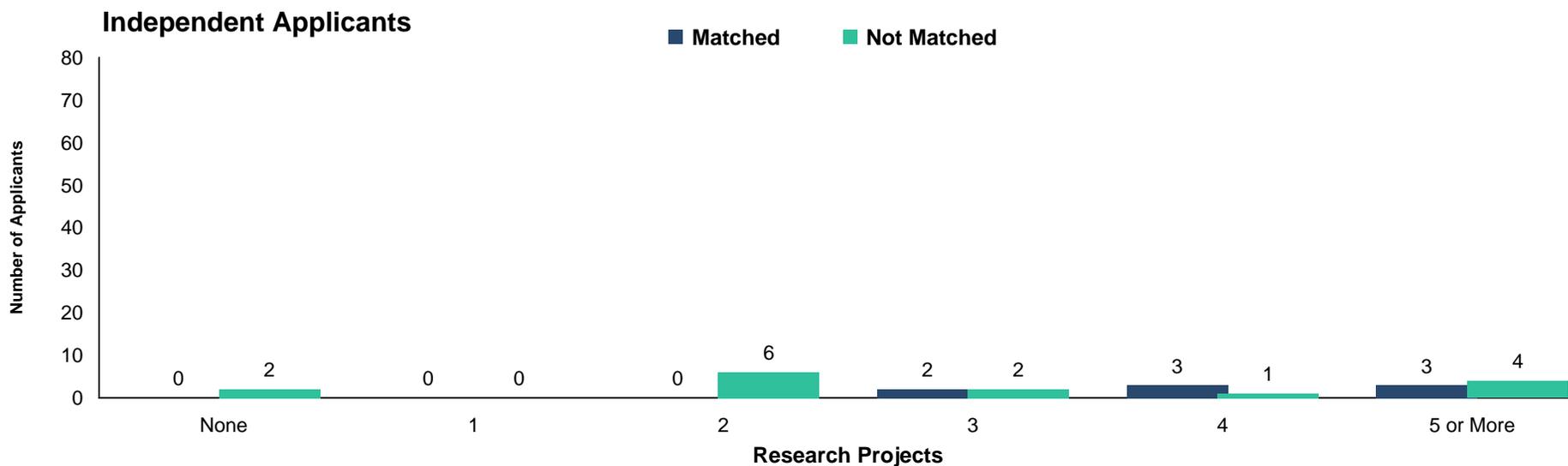
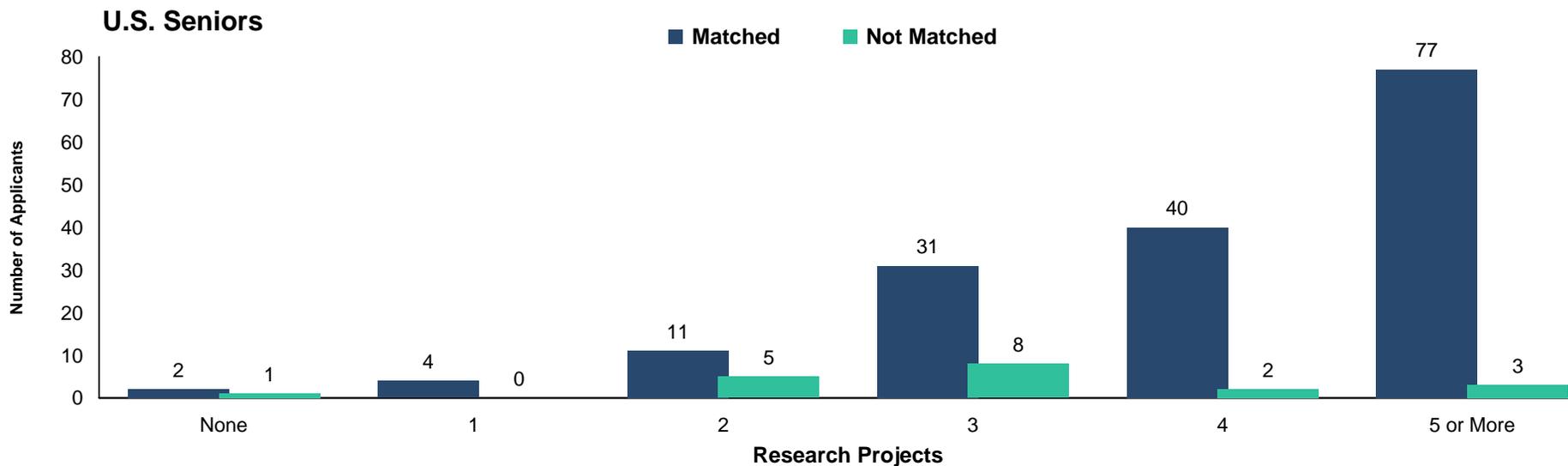
**USMLE Step 2 Scores
Radiation Oncology**



Source: NRMP Data Warehouse

**Chart
RO-5**

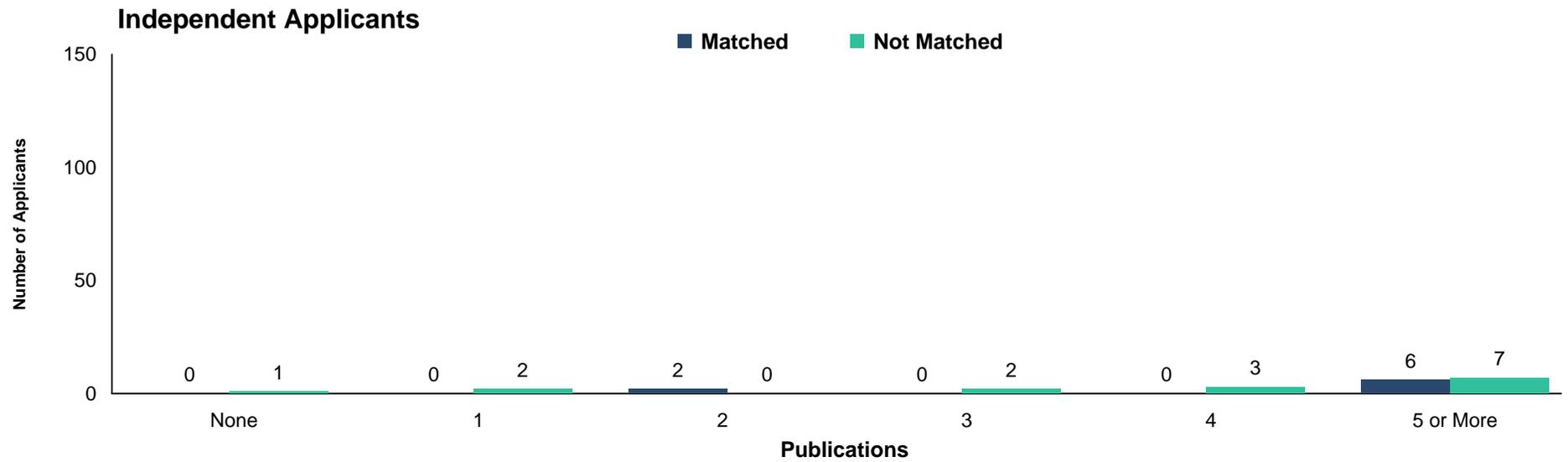
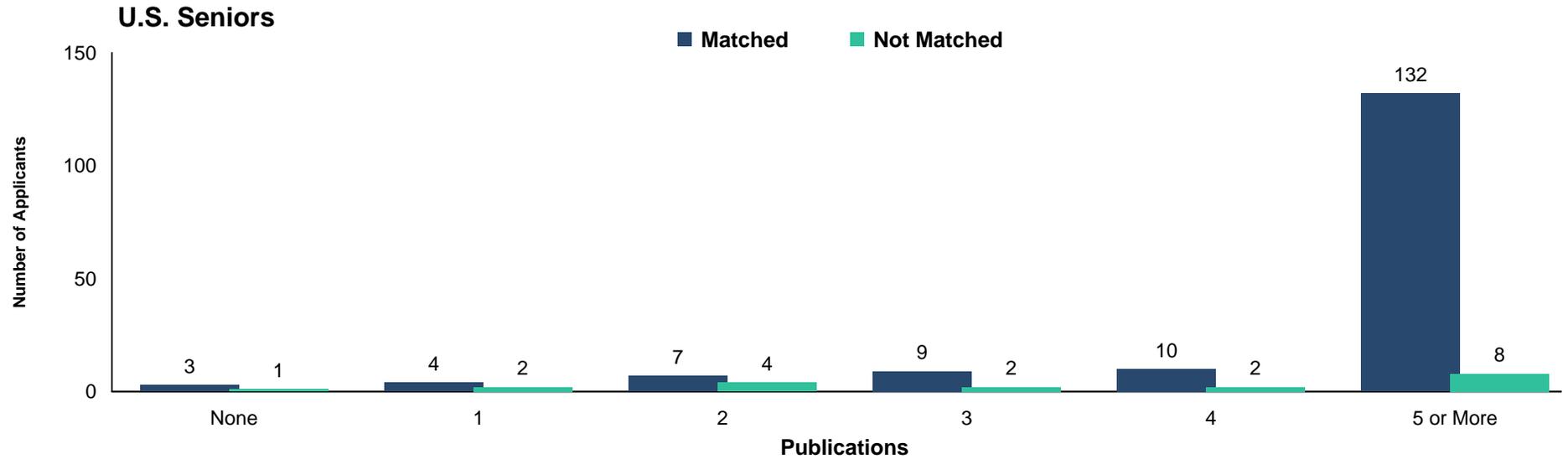
**Number of Research Projects
Radiation Oncology**



Source: NRMP Data Warehouse

**Chart
RO-6**

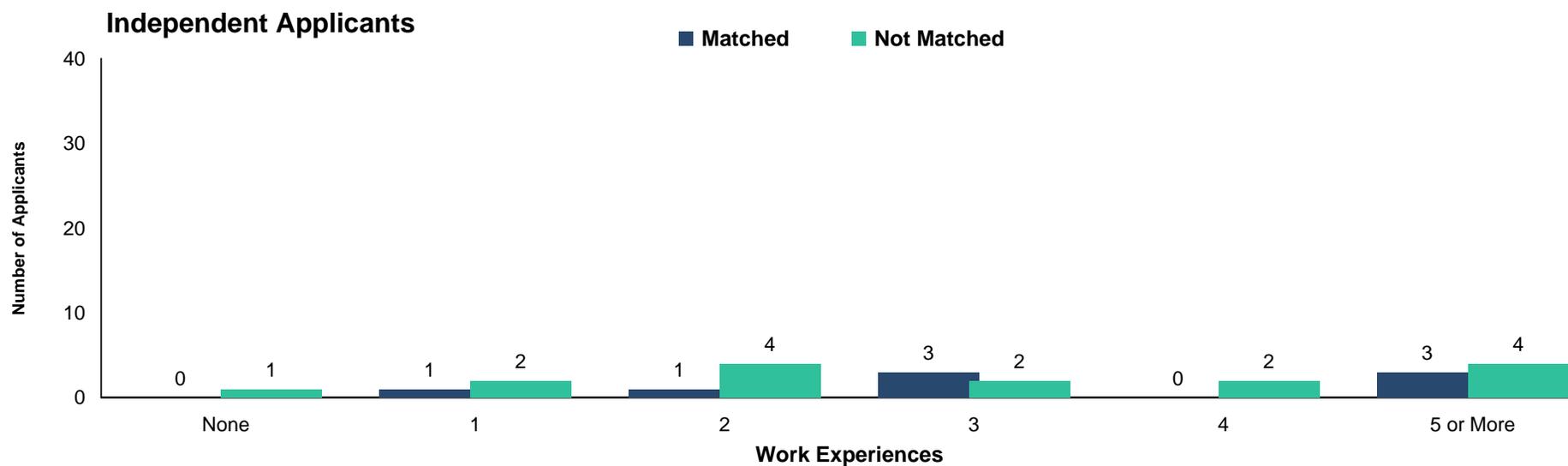
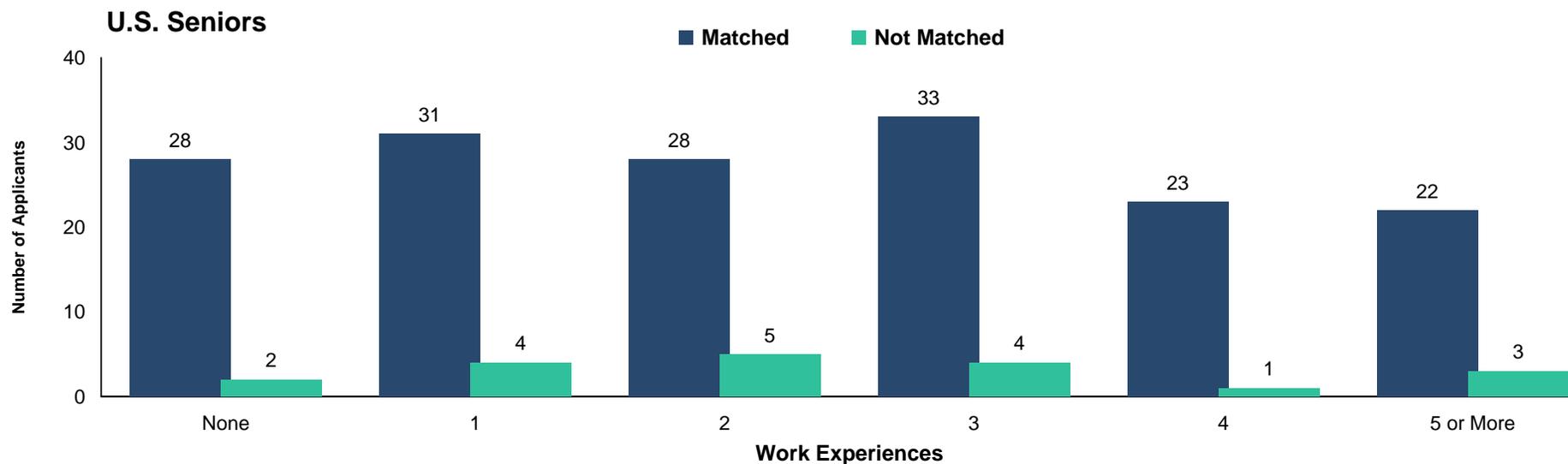
**Number of Abstracts, Presentations, and Publications
Radiation Oncology**



Source: NRMP Data Warehouse

**Chart
RO-7**

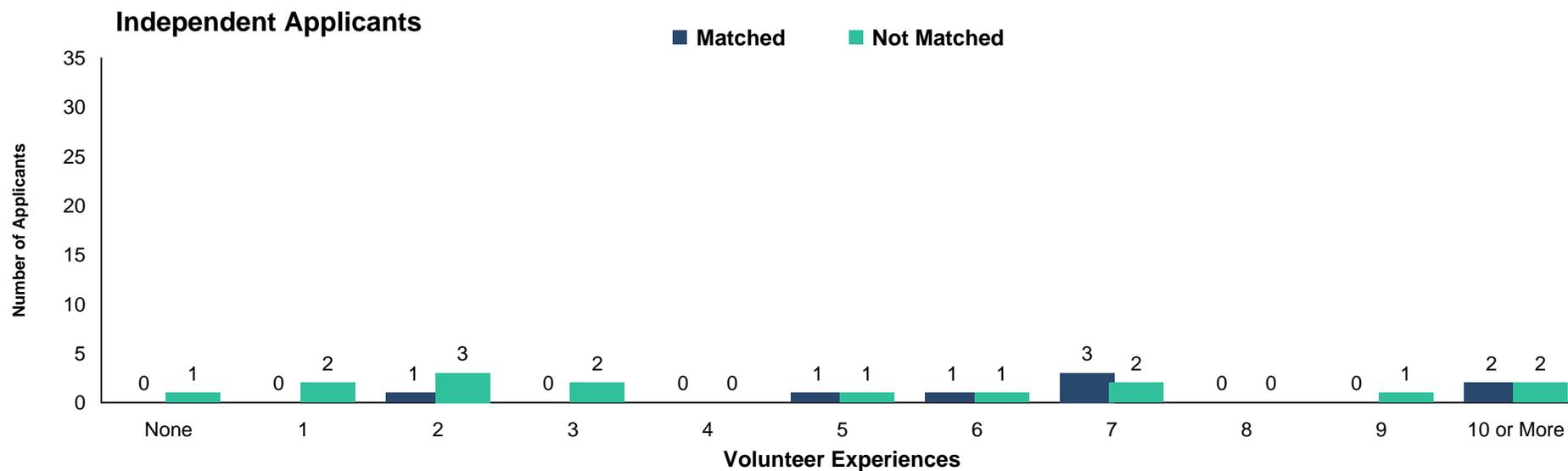
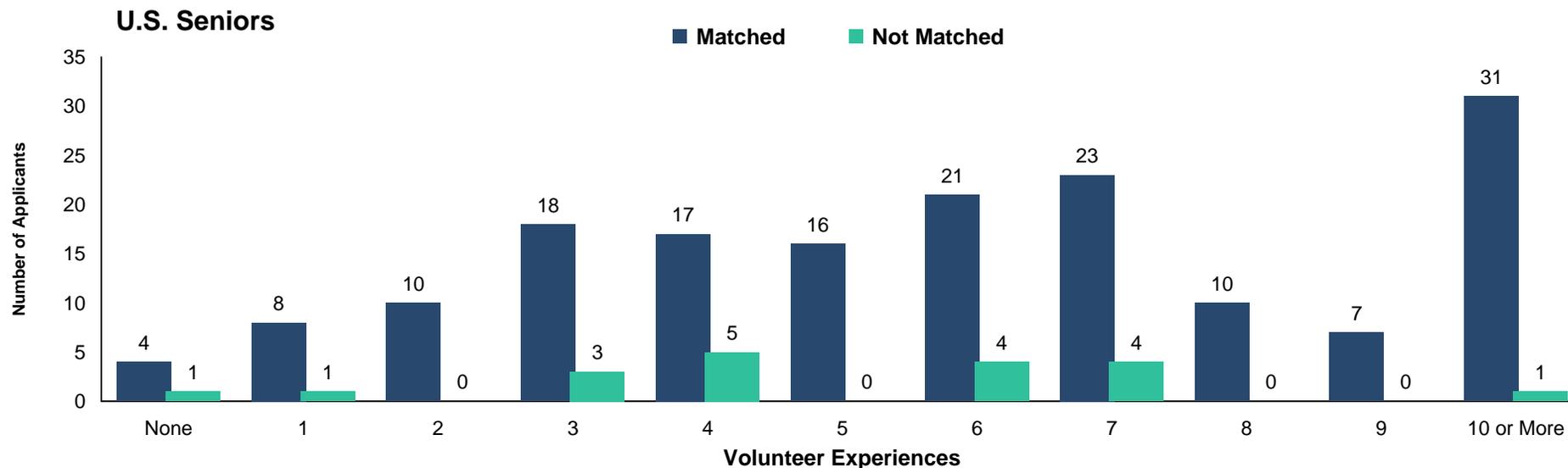
**Number of Work Experiences
Radiation Oncology**



Source: NRMP Data Warehouse

**Chart
RO-8**

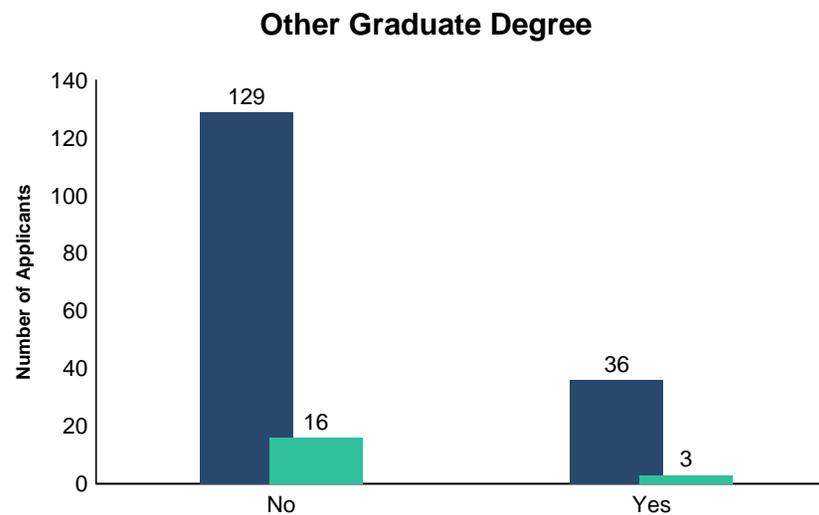
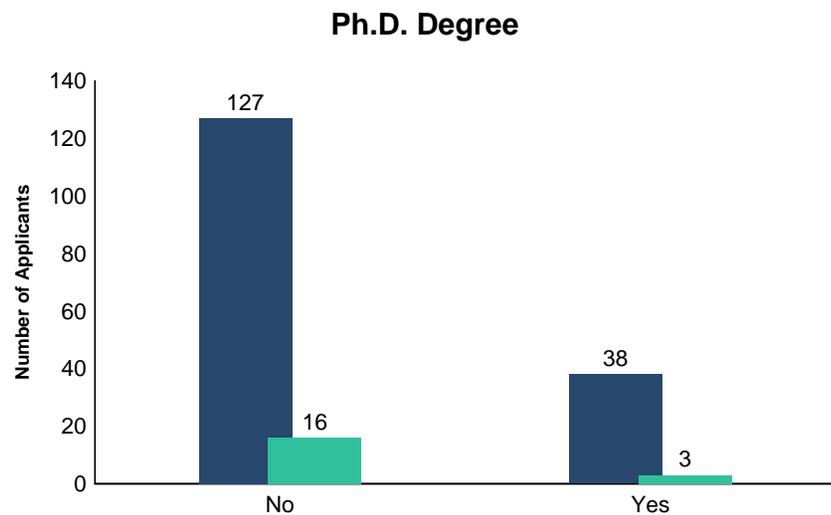
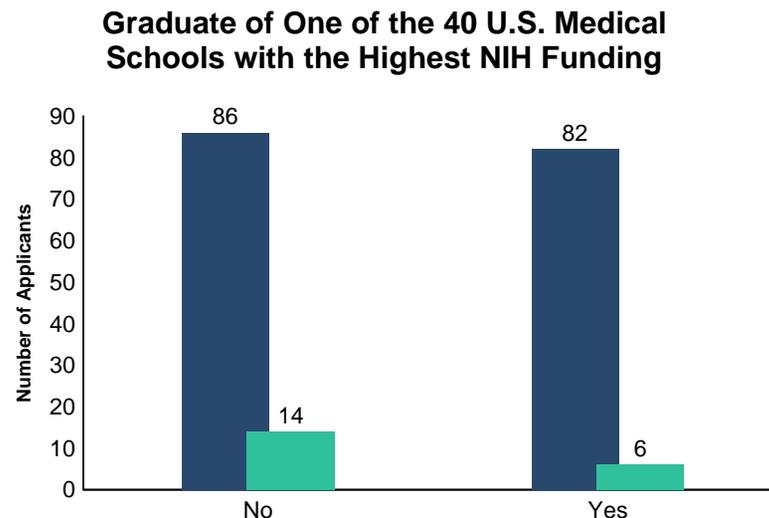
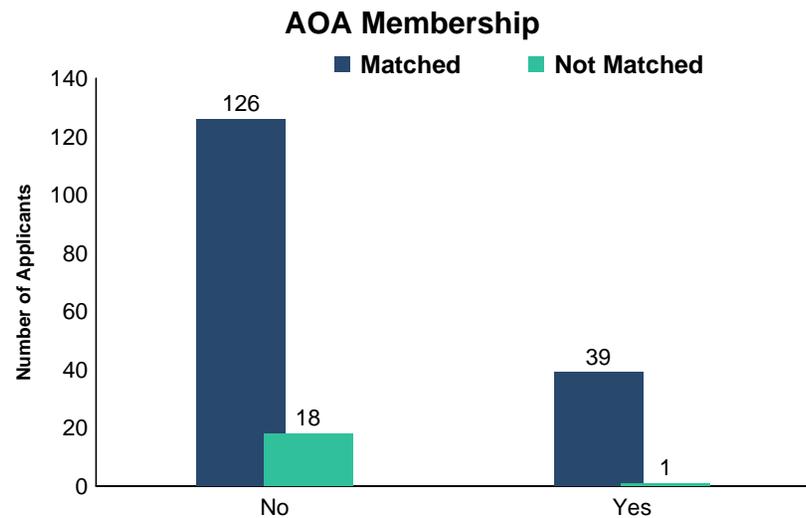
**Number of Volunteer Experiences
Radiation Oncology**



Source: NRMP Data Warehouse

**Chart
RO-9**

**Other Characteristics of U.S. Seniors
Radiation Oncology**



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

VS **Vascular Surgery**

Table **Summary Statistics**
VS-1 **Vascular Surgery**

Measure	U.S. Seniors		Independent Applicants	
	Matched (n=33)	Unmatched (n=4)	Matched (n=9)	Unmatched (n=22)
1. Mean number of contiguous ranks	12.3	2.8	4.2	2.6
2. Mean number of distinct specialties ranked	1.6	2.0	1.8	2.2
3. Mean USMLE Step 1 score	237	221	242	224
4. Mean USMLE Step 2 score	250	235	245	231
5. Mean number of research experiences	3.7	3.0	3.7	3.9
6. Mean number of abstracts, presentations, and publications	7.0	2.3	8.6	12.7
7. Mean number of work experiences	3.7	3.5	3.0	5.2
8. Mean number of volunteer experiences	5.9	3.0	3.2	2.2
9. Percentage who are AOA members	22.6	0.0	n/a	n/a
10. Percentage who graduated from one of the 40 U.S. medical schools with the highest NIH funding	45.5	50.0	n/a	n/a
11. Percentage who have Ph.D. degree	9.7	0.0	n/a	n/a
12. Percentage who have another graduate degree	19.4	25.0	n/a	n/a

n/a: The measure either does not apply to, applies to only a small percentage of, or no reliable data were available for independent applicants.

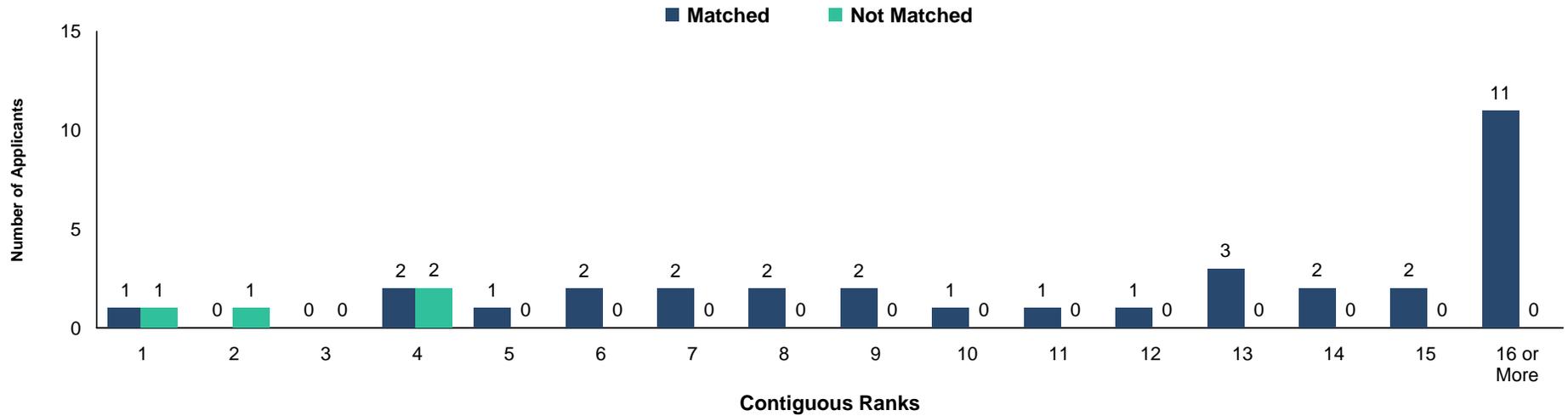
Sources. NRMP Data Warehouse; Top 40 U.S. medical schools with the highest NIH funding in measure 10 is from the NIH website (<http://report.nih.gov/award/index.cfm>).

Note: Measures 3-9 and 11-12 included only applicants who gave consent to use their information in research. USMLE Step scores are not available for most osteopathic medical school students and graduates included in the independent applicant group.

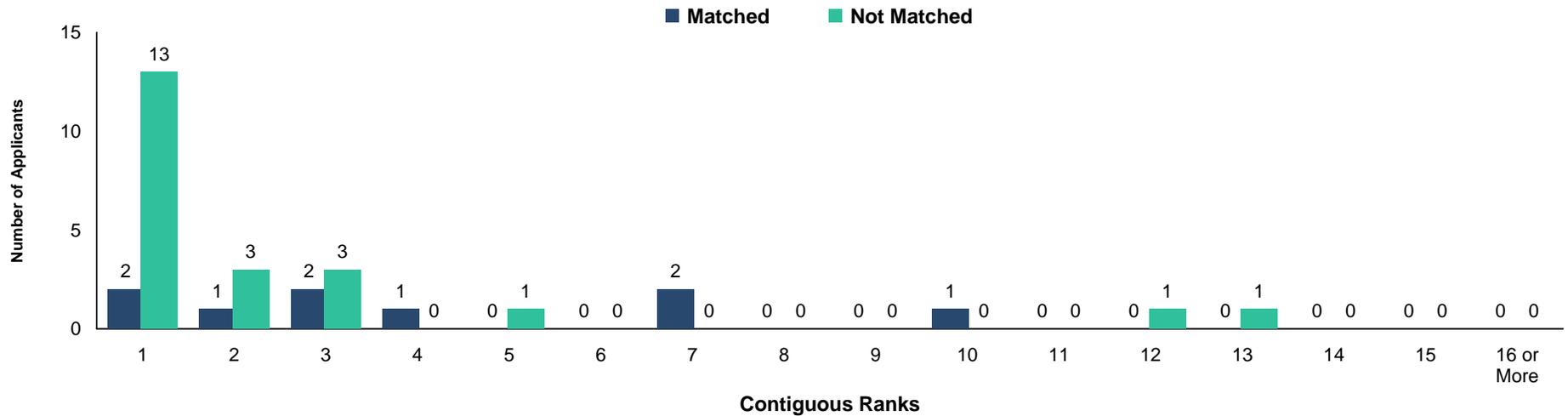
**Chart
VS-1**

**Number of Contiguous Ranks Within Preferred Specialty
Vascular Surgery**

U.S. Seniors

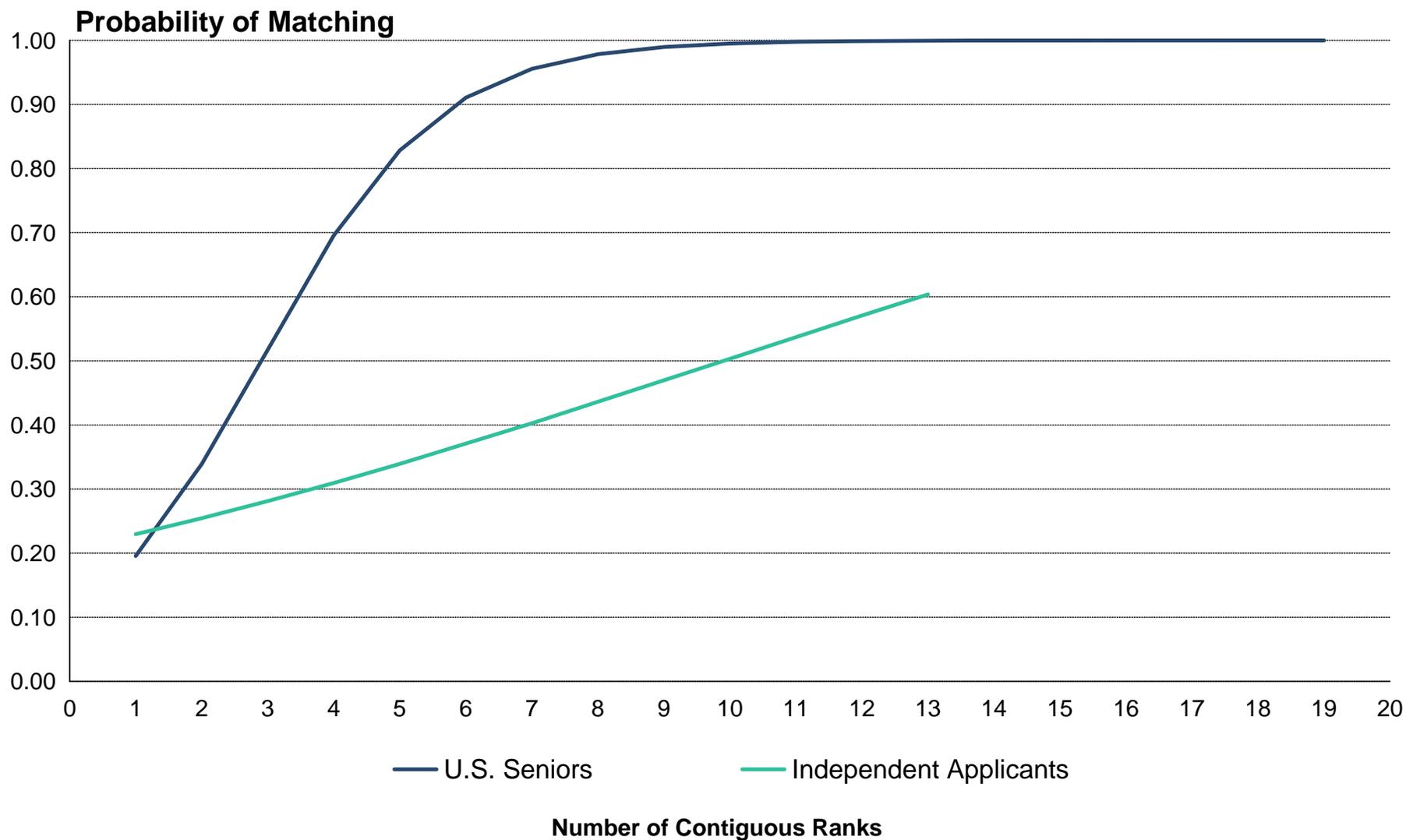


Independent Applicants



Source: NRMP Data Warehouse

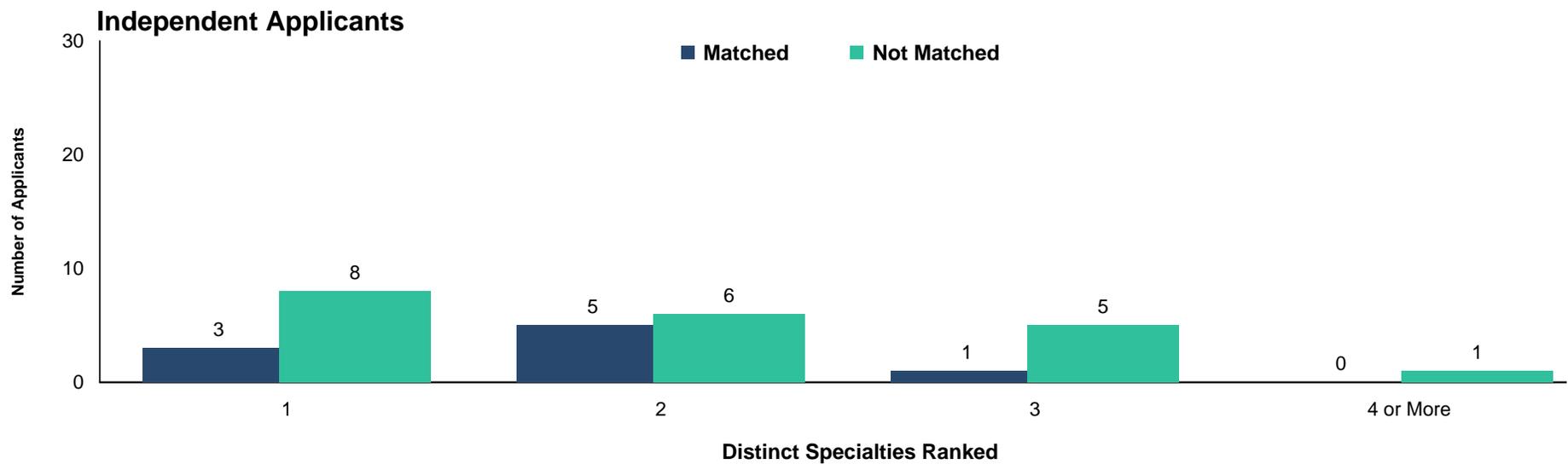
Probability of Matching to Preferred Specialty by Number of Contiguous Ranks
Vascular Surgery



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2014 applicants only

**Chart
VS-2**

**Number of Distinct Specialties Ranked
Vascular Surgery**

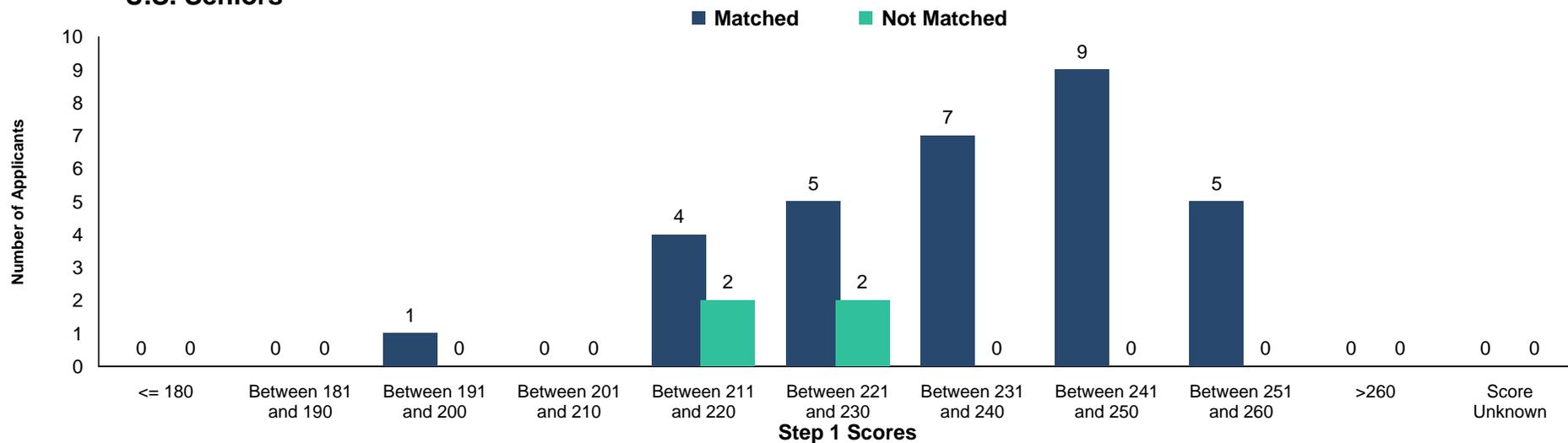


Source: NRMP Data Warehouse

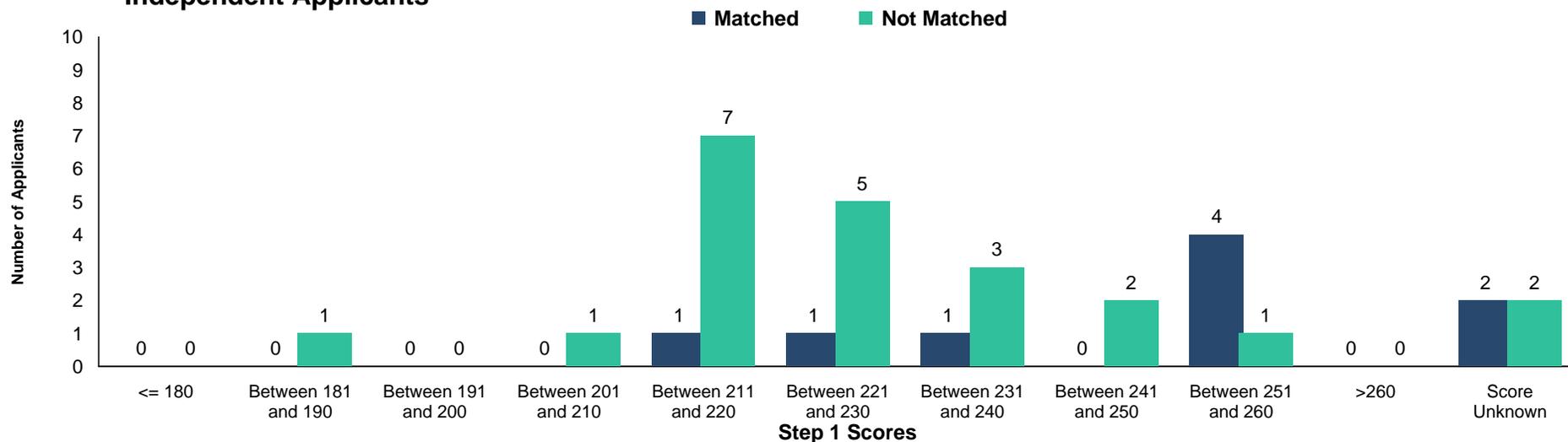
**Chart
VS-3**

**USMLE Step 1 Scores
Vascular Surgery**

U.S. Seniors



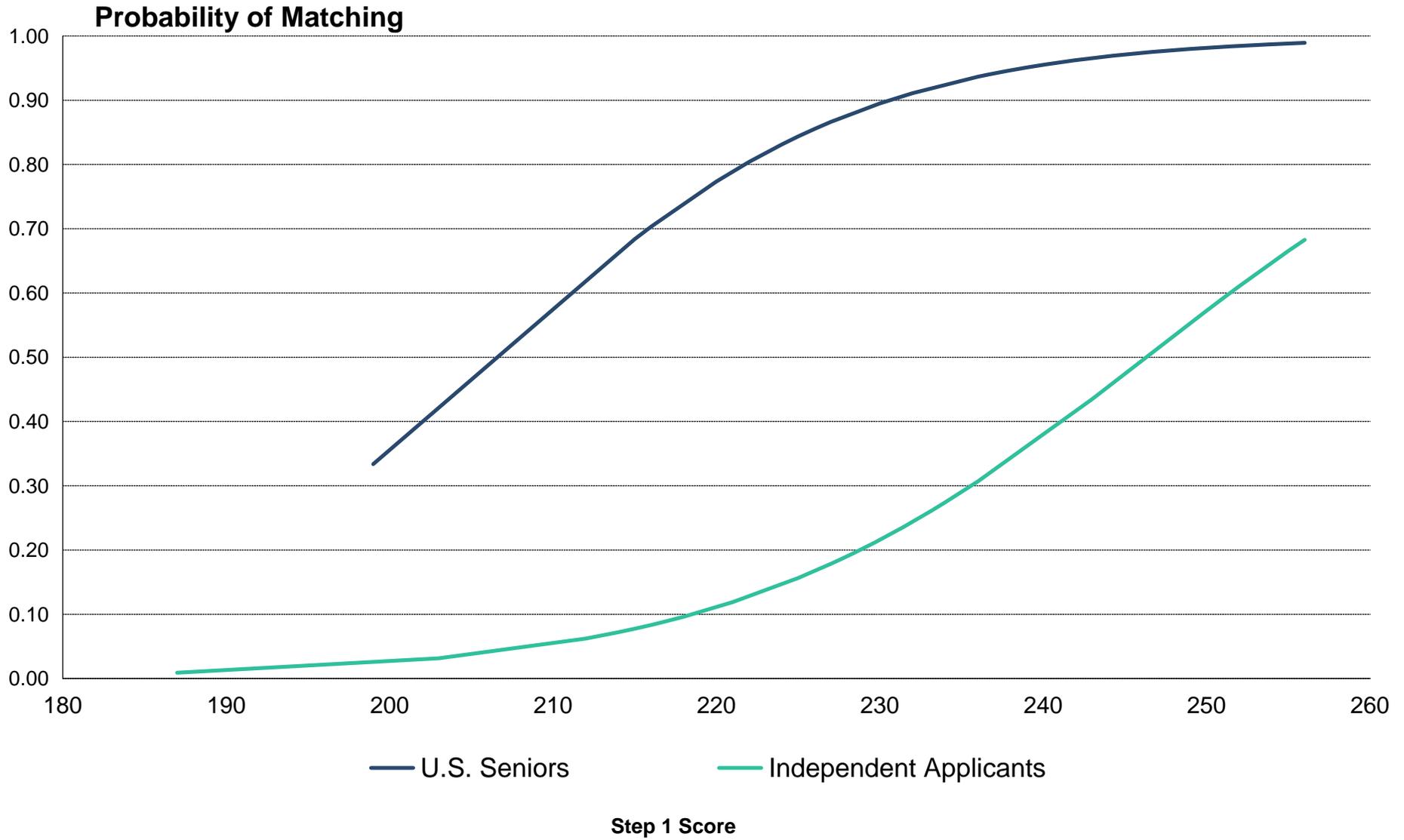
Independent Applicants



Source: NRMP Data Warehouse

Probability of Matching to Preferred Specialty by USMLE Step 1 Score

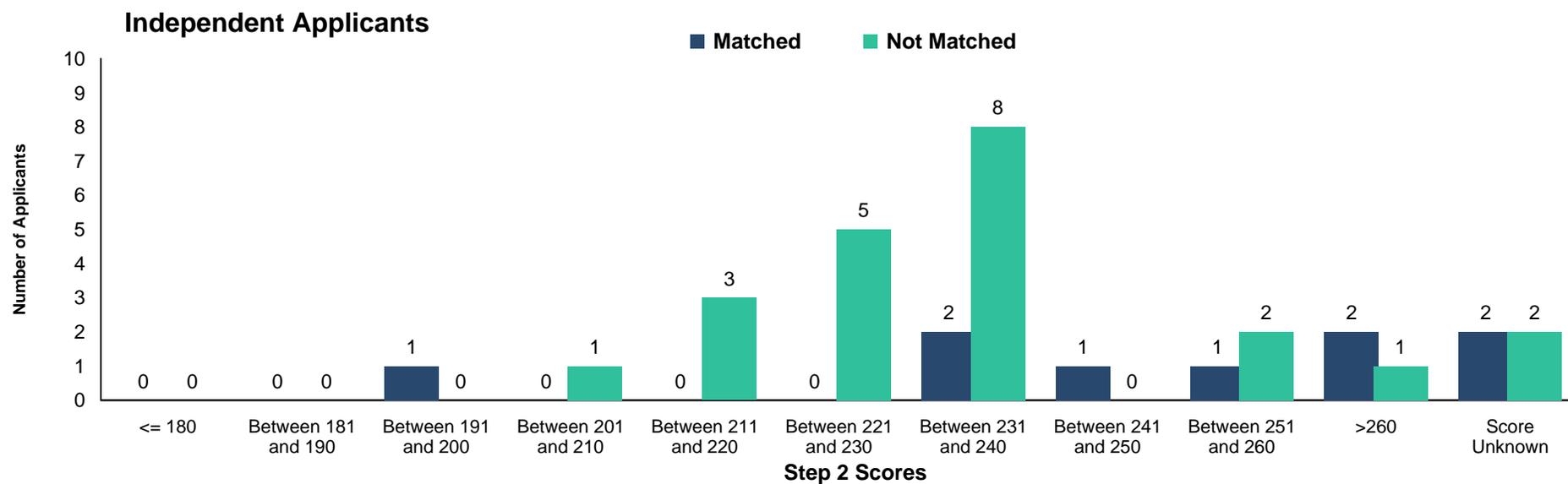
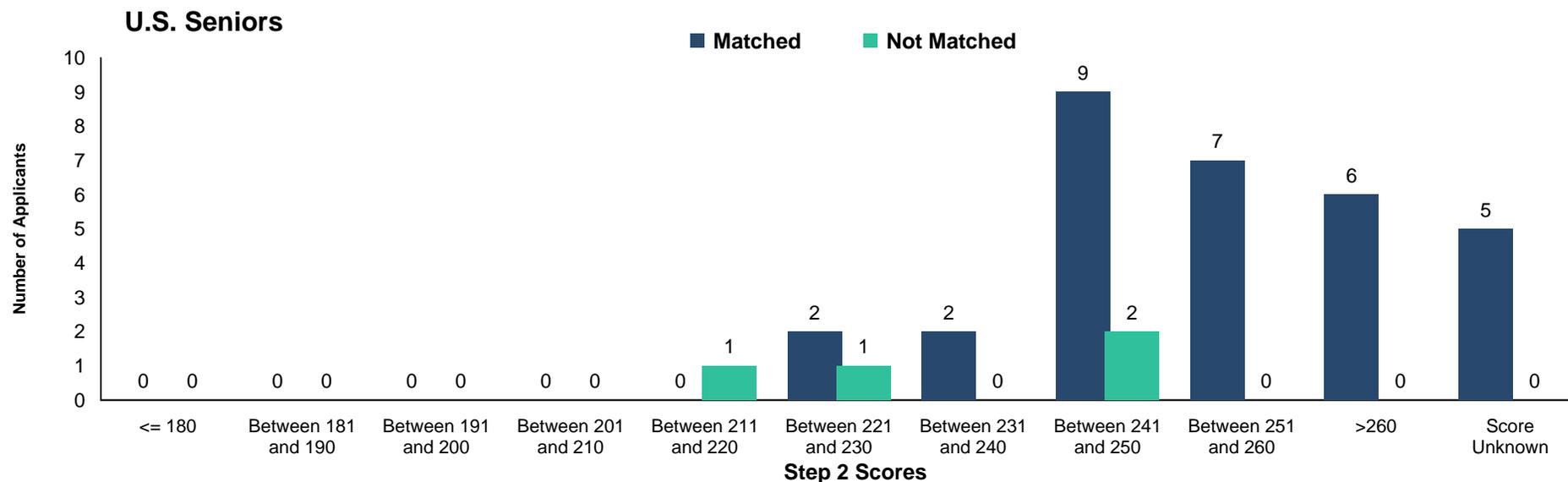
Vascular Surgery



Source: NRMP Data Warehouse. Note: Probabilities calculated based on 2014 applicants only.

**Chart
VS-4**

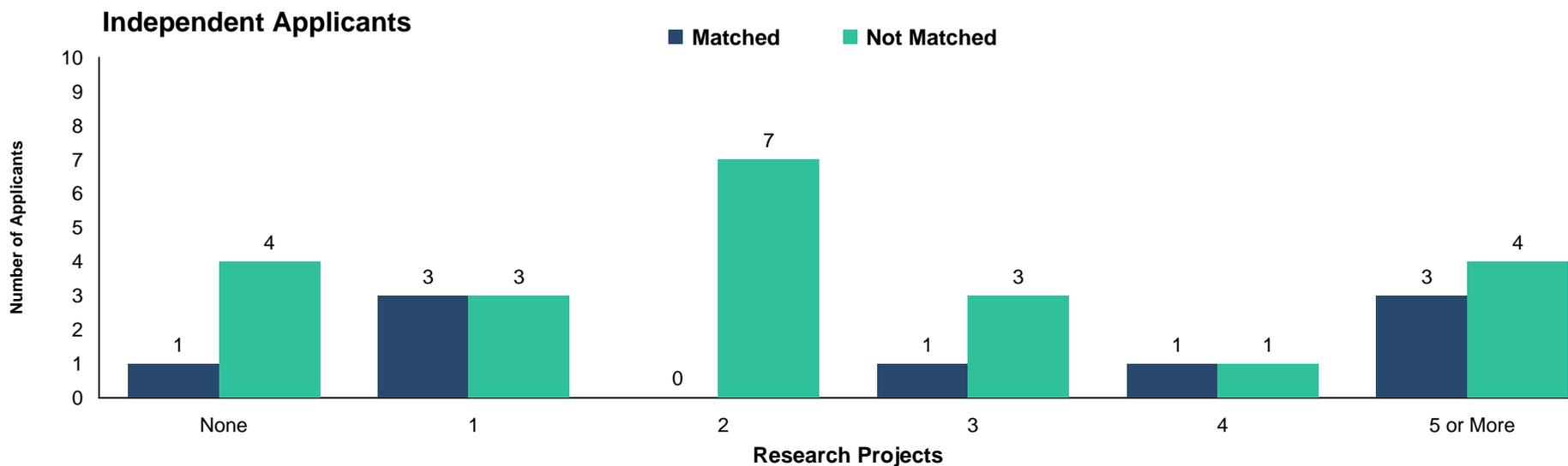
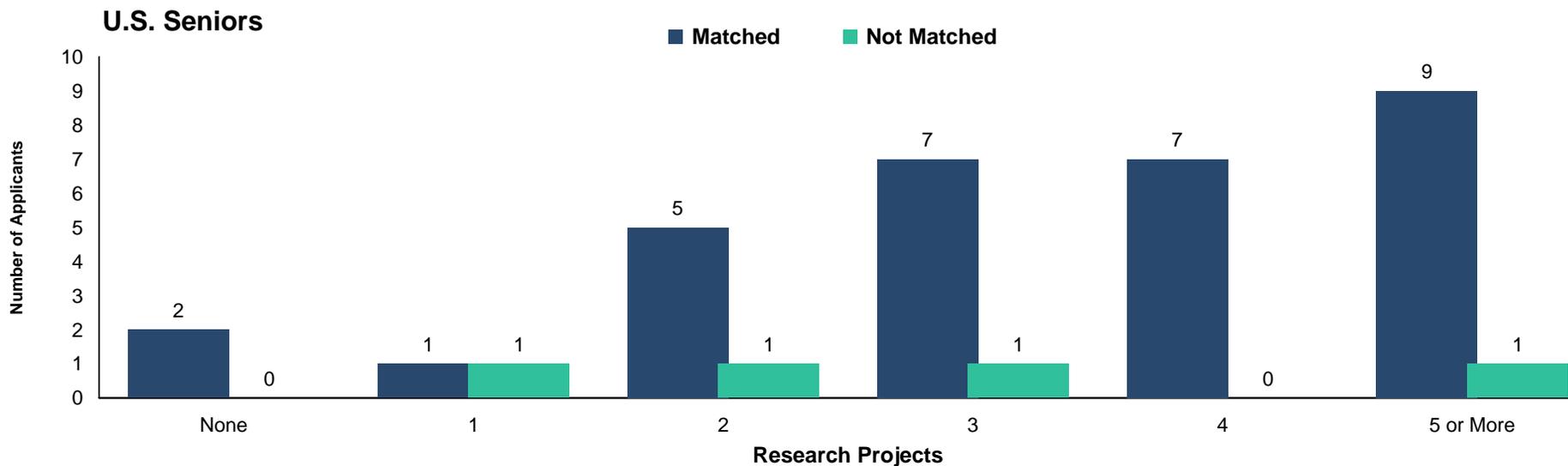
**USMLE Step 2 Scores
Vascular Surgery**



Source: NRMP Data Warehouse

**Chart
VS-5**

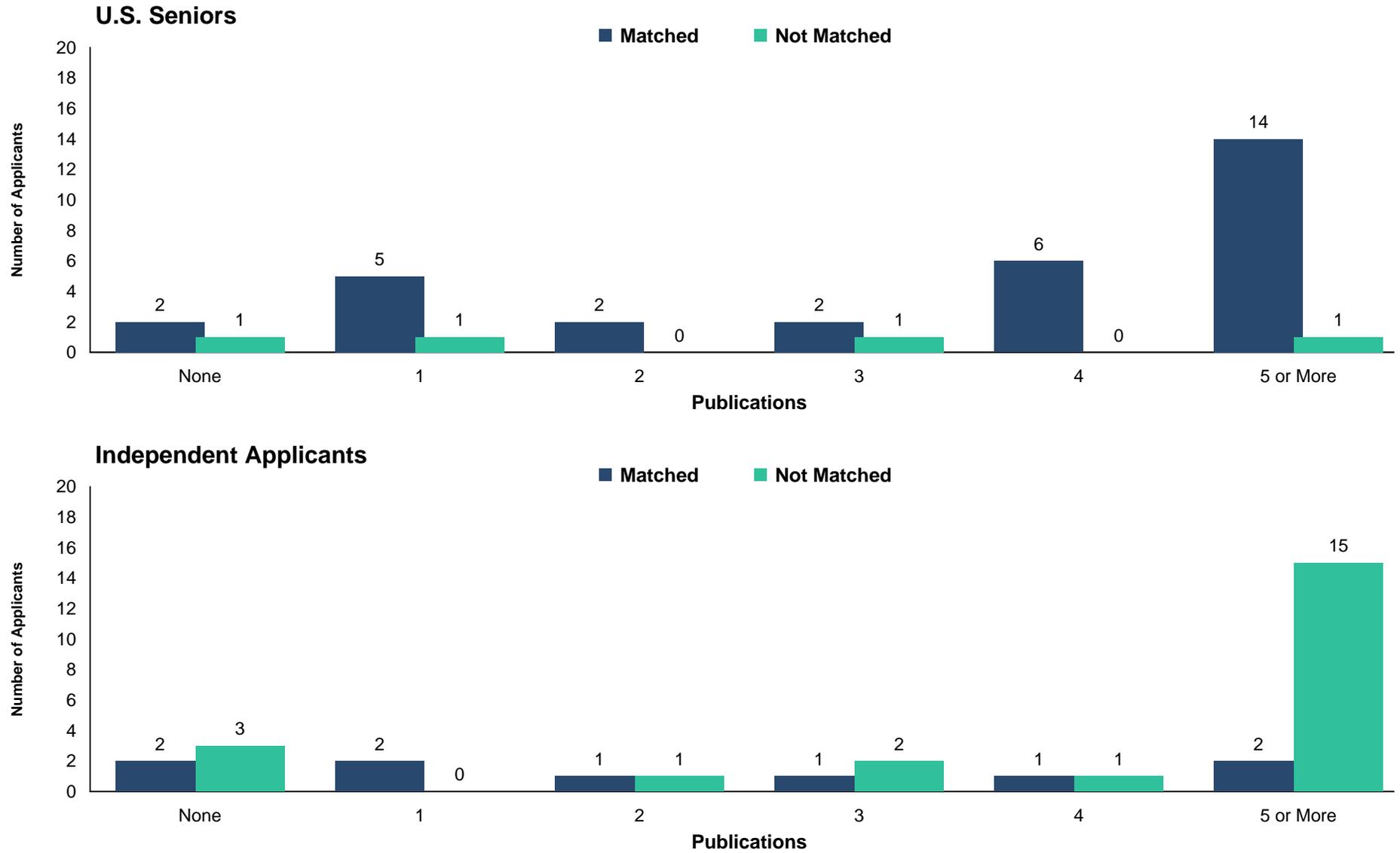
**Number of Research Projects
Vascular Surgery**



Source: NRMP Data Warehouse

**Chart
VS-6**

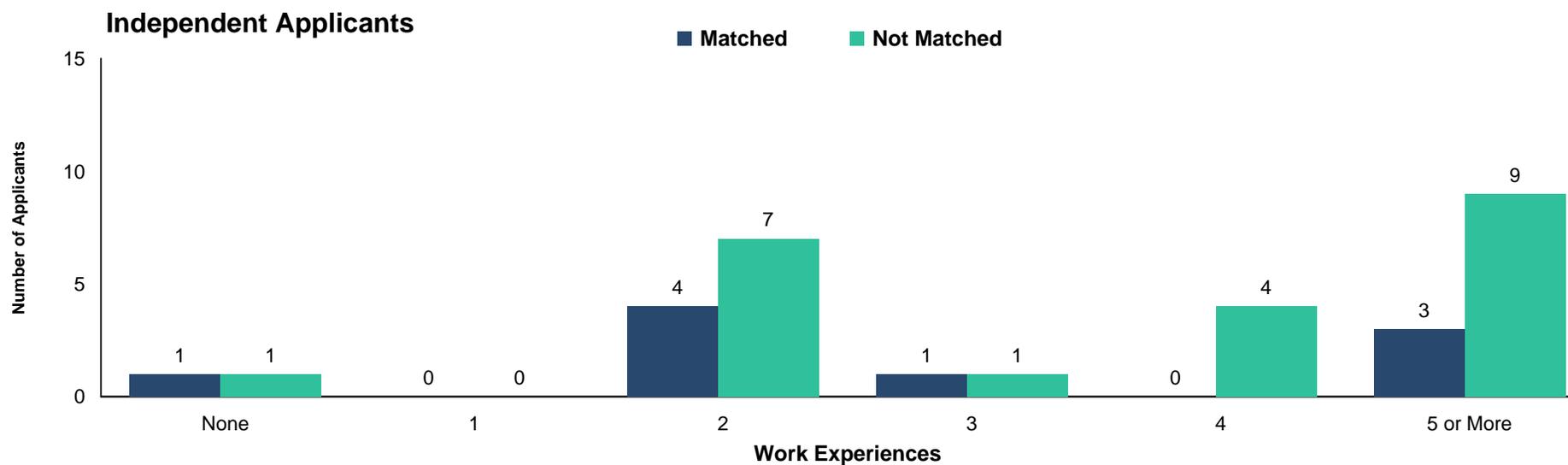
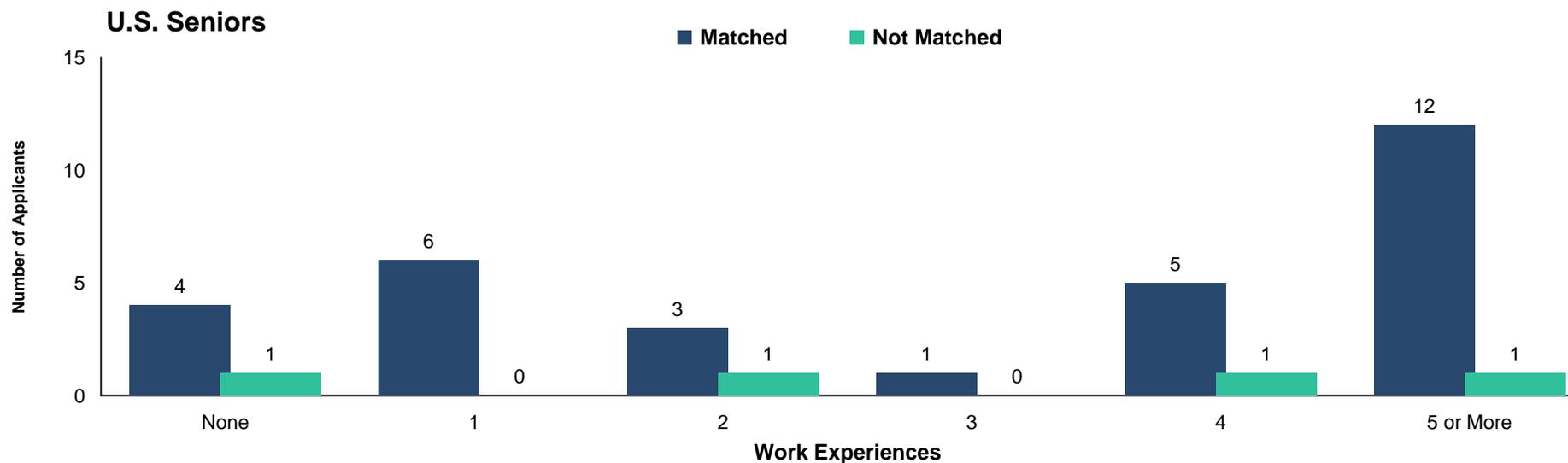
**Number of Abstracts, Presentations, and Publications
Vascular Surgery**



Source: NRMP Data Warehouse

**Chart
VS-7**

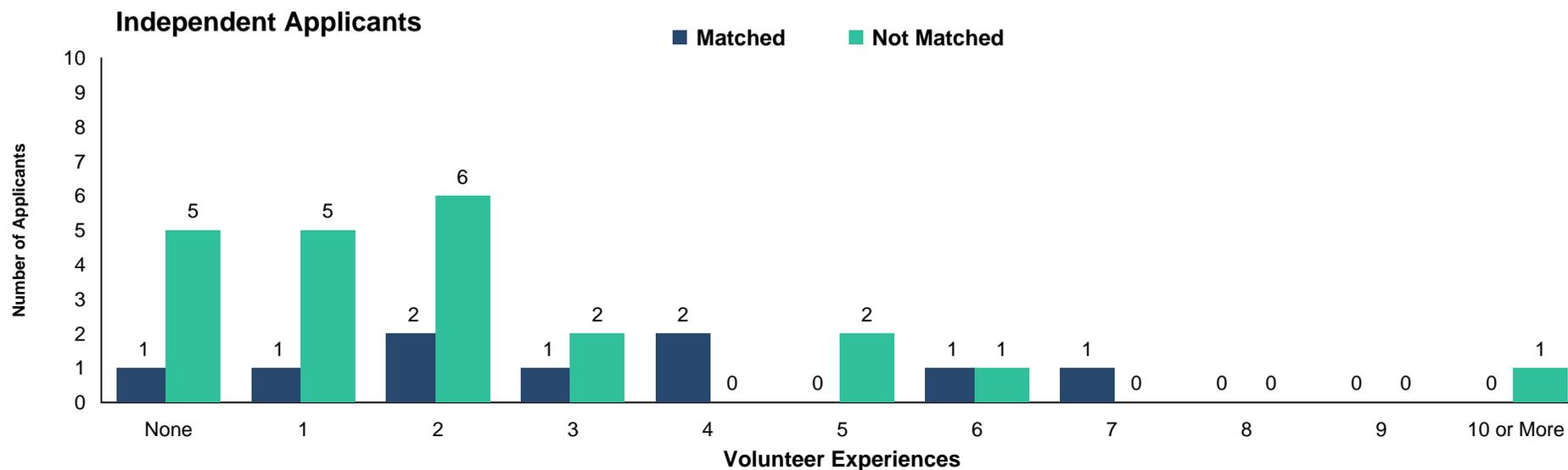
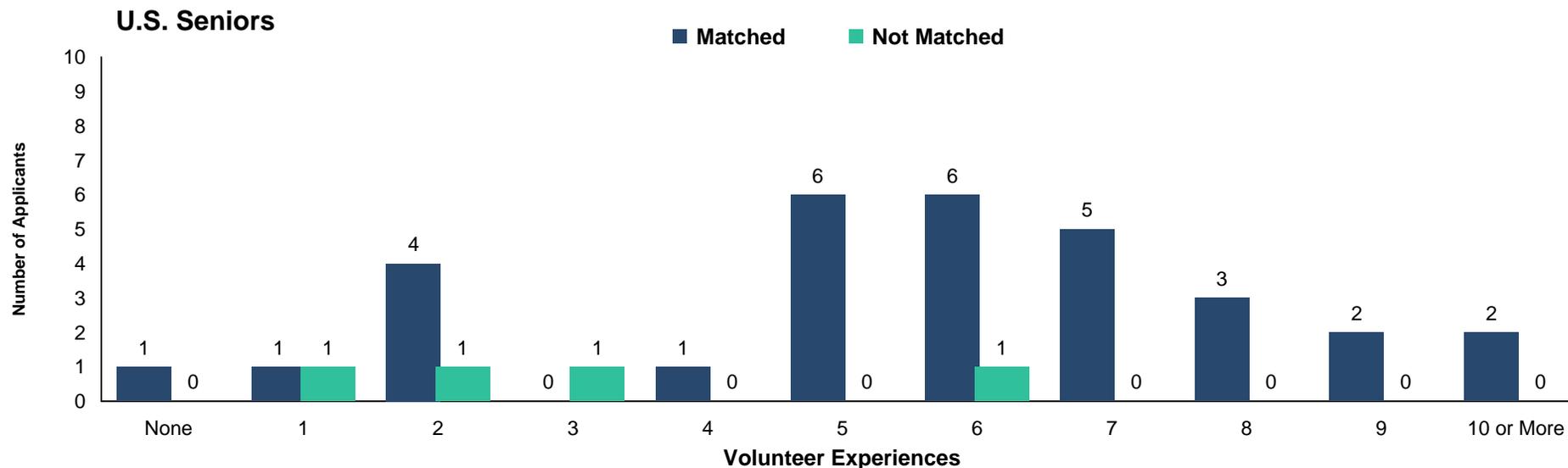
**Number of Work Experiences
Vascular Surgery**



Source: NRMP Data Warehouse

**Chart
VS-8**

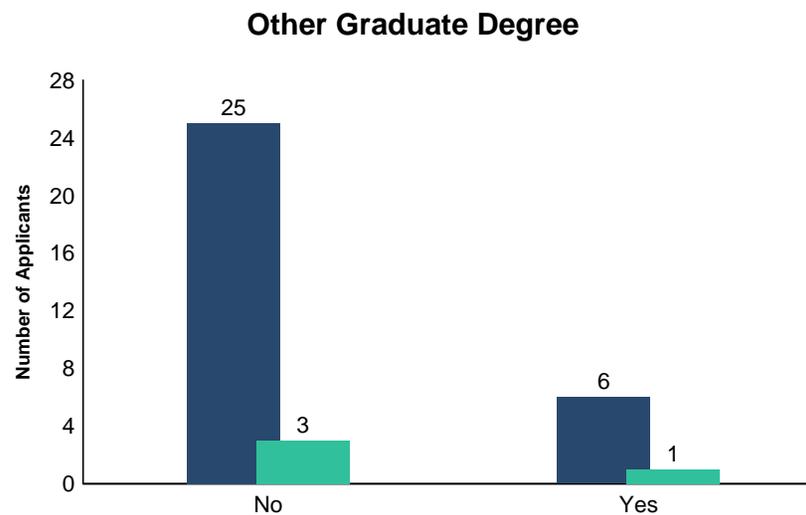
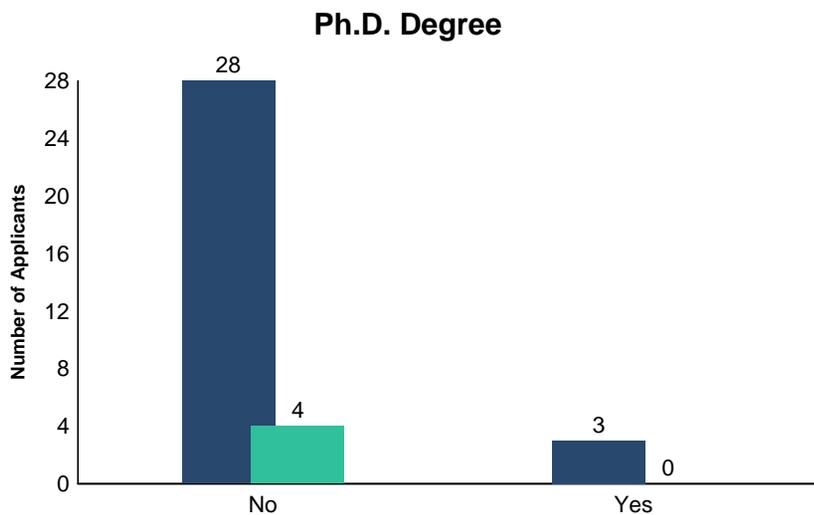
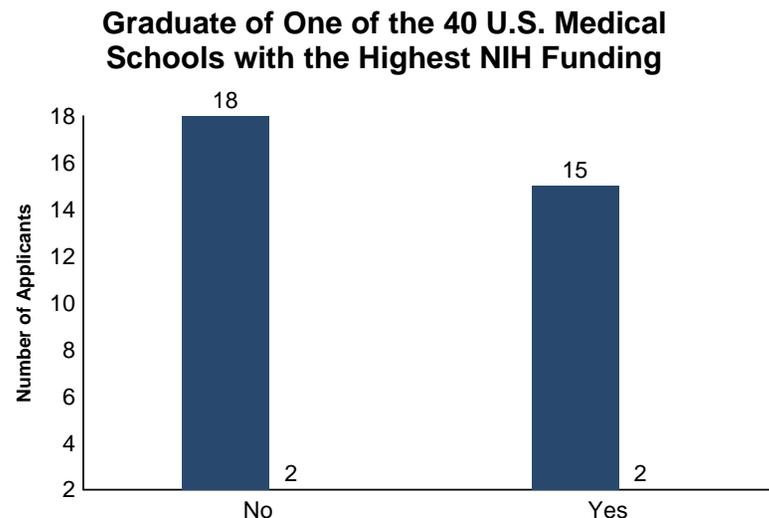
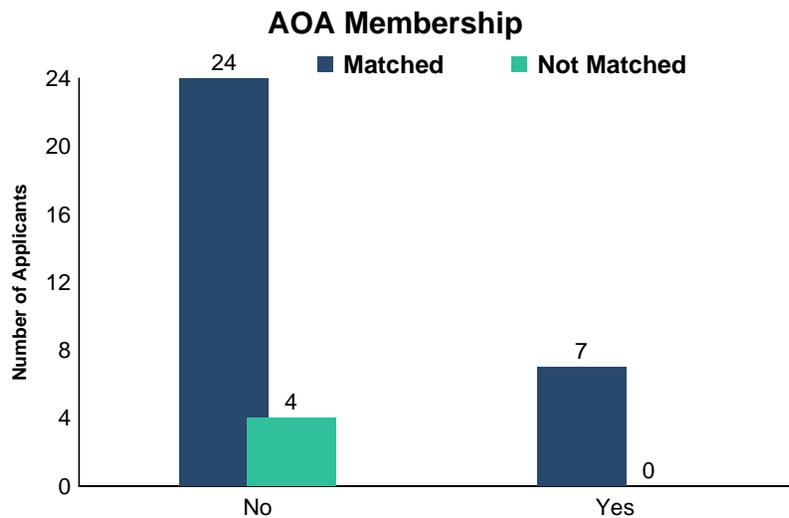
**Number of Volunteer Experiences
Vascular Surgery**



Source: NRMP Data Warehouse

**Chart
VS-9**

**Other Characteristics of U.S. Seniors
Vascular Surgery**



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